



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

Cover Page

Order ID : Q3399

Project ID : NWIRP Northrup Grumman Site – Bethpage, NY

Client : ICE Service Group, Inc.

Lab Sample Number

Q3399-01
Q3399-02
Q3399-03
Q3399-04

Client Sample Number

COMP-ROLLOFF
COMP-ROLLOFF
COMP-ROLLOFF
COMP-ROLLOFF

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: 12/17/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

ICE Service Group, Inc.

Project Name: NWIRP Northrup Grumman Site – Bethpage, NY

Project # N/A

Order ID # Q3399

Test Name: TCLP VOA

A. Number of Samples and Date of Receipt:

4 Solid samples were received on 10/20/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: TCLP VOA. This data package contains results for TCLP VOA.

C. Analytical Techniques:

The analysis performed on instrument MSVOA_X were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UI. The analysis of TCLP VOA was based on method 8260D and TCLP extraction method was 1311.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis except for COMP-ROLLOFF [Toluene-d8 - 83%] and VX1024WBL01 [Dibromofluoromethane - 78%, Toluene-d8 - 86%] Surrogate failing for Original sample as a corrective action sample reanalyzed but in reanalysis surrogate failing for Blank therefore both run reported.

The Internal Standards Areas were met for all analysis.

The Retention Times were met for all analysis.

The RPD were met for all analysis.

The Blank Spike for {VX1024WBS01} with File ID: VX048341.D met requirements for all compounds except for Vinyl chloride[139%]. Failing high but associated samples have no positive hit for this compound therefore no corrective action was taken.

The Blank Spike Duplicate met requirements for all compounds.

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

The Initial Calibration met the requirements.

The Continuous Calibration File ID VX048339.D met the requirements except for Vinyl Chloride. Failing high but associated samples have not positive hit for this compound therefore no corrective action was taken.

The Tuning criteria met requirements.

E. Additional Comments:

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



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

Trip Blank was not provided with this set of samples.

F. Manual Integration Comments:

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

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

Signature_____

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 flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as “12 B”.
E	Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

ALLIANCE 284 Sheffield Street, Mountainside New Jersey 07092

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

GC/MS VOA CONFORMANCE/NON-CONFORMANCE SUMMARY

ORDER ID: Q3399

MATRIX: TCLP

METHOD: 8260D/1311

		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 VX048339.D met the requirements except for Vinyl Chloride. Failing high but associated samples have not positive hit for this compound therefore no corrective action was taken.		✓	
6.	Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
7.	Surrogate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable ranges. The Surrogate recoveries were met for all analysis except for COMP-ROLLOFF [Toluene-d8 - 83%] and VX1024WBL01 [Dibromofluoromethane - 78%, Toluene-d8 - 86%] Surrogate failing for Original sample as a corrective action sample reanalyzed but in reanalysis surrogate failing for Blank therefore both run reported.		✓	
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 {VX1024WBS01} with File ID: VX048341.D met requirements for all compounds except for Vinyl chloride[139%]. Failing high but associaed samples have no positive hit for this compound therefore no corrective action was taken. The Blank Spike Duplicate met requirements for all compounds.		✓	
9.	Internal Standard Area/Retention Time Shift Meet Criteria Comments:			✓

ALLIANCE 284 Sheffield Street, Mountainside New Jersey 07092

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

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

		NA	NO	YES
10.	Analysis Holding Time Met			✓
	If not met, list number of days exceeded for each sample:			

ADDITIONAL COMMENTS:

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

Trip Blank was not provided with this set of samples.

QA REVIEW

Date

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3399

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: 12/17/2025

LAB CHRONICLE

OrderID:	Q3399	OrderDate:	10/20/2025 1:23:08 PM
Client:	ICE Service Group, Inc.	Project:	NWIRP Northrup Grumman Site – Bethpage, NY
Contact:	Dennis D. Morgan, II	Location:	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3399-03	COMP-ROLLOFF	SOIL	VOC-TCLVOA-10	8260D	10/20/25		10/21/25	10/20/25
Q3399-04	COMP-ROLLOFF	TCLP	TCLP VOA	8260D	10/20/25		10/22/25	10/20/25
Q3399-04RE	COMP-ROLLOFFRE	TCLP	TCLP VOA	8260D	10/20/25		10/24/25	10/20/25



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

Hit Summary Sheet
SW-846

SDG No.: Q3399

Client: ICE Service Group, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units

Client ID:

0

Total Voc :

Total Concentration:



QC SUMMARY

Surrogate Summary

SDG No.: Q3399

Client: ICE Service Group, Inc.

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q3399-04	COMP-ROLLOFF	1,2-Dichloroethane-d4	50	51.0	102		81	118
		Dibromofluoromethane	50	43.7	87		80	119
		Toluene-d8	50	41.4	83	*	89	112
		4-Bromofluorobenzene	50	46.2	92		85	114
Q3399-04RE	COMP-ROLLOFFRE	1,2-Dichloroethane-d4	50	54.5	109		81	118
		Dibromofluoromethane	50	39.9	80		80	119
		Toluene-d8	50	47.1	94		89	112
		4-Bromofluorobenzene	50	50.4	101		85	114

Surrogate Summary

SDG No.: Q3399

Client: ICE Service Group, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
VX1022WBL01	VX1022WBL01	1,2-Dichloroethane-d4	50	50.7	101		81	118
		Dibromofluoromethane	50	49.1	98		80	119
		Toluene-d8	50	47.7	95		89	112
		4-Bromofluorobenzene	50	54.5	109		85	114
VX1022WBS01	VX1022WBS01	1,2-Dichloroethane-d4	50	50.2	100		81	118
		Dibromofluoromethane	50	50.9	102		80	119
		Toluene-d8	50	50.7	101		89	112
		4-Bromofluorobenzene	50	52.4	105		85	114
VX1022WBSD0	VX1022WBSD01	1,2-Dichloroethane-d4	50	49.3	99		81	118
		Dibromofluoromethane	50	49.3	99		80	119
		Toluene-d8	50	49.2	98		89	112
		4-Bromofluorobenzene	50	49.4	99		85	114
VX1024WBL01	VX1024WBL01	1,2-Dichloroethane-d4	50	52.2	104		81	118
		Dibromofluoromethane	50	39.0	78	*	80	119
		Toluene-d8	50	43.1	86	*	89	112
		4-Bromofluorobenzene	50	42.7	85		85	114
VX1024WBS01	VX1024WBS01	1,2-Dichloroethane-d4	50	51.3	103		81	118
		Dibromofluoromethane	50	41.6	83		80	119
		Toluene-d8	50	49.6	99		89	112
		4-Bromofluorobenzene	50	48.3	97		85	114

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3399</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>ICE Service Group, Inc.</u>	Datafile :	<u>VX048283.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX1022WBS01	Vinyl chloride	20	16.4	ug/L	82			58	137	
	1,1-Dichloroethene	20	18.3	ug/L	92			71	131	
	2-Butanone	100	88.7	ug/L	89			56	143	
	Carbon Tetrachloride	20	18.9	ug/L	95			72	136	
	Chloroform	20	19.4	ug/L	97			79	124	
	Benzene	20	18.9	ug/L	95			79	120	
	1,2-Dichloroethane	20	20.4	ug/L	102			73	128	
	Trichloroethene	20	19.3	ug/L	97			79	123	
	Tetrachloroethene	20	17.9	ug/L	90			74	129	
	Chlorobenzene	20	19.3	ug/L	97			82	118	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3399</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>ICE Service Group, Inc.</u>	Datafile :	<u>VX048284.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX1022WBSD01	Vinyl chloride	20	17.8	ug/L	89	8		58	137	20
	1,1-Dichloroethene	20	17.0	ug/L	85	8		71	131	20
	2-Butanone	100	88.8	ug/L	89	0		56	143	20
	Carbon Tetrachloride	20	18.3	ug/L	92	3		72	136	20
	Chloroform	20	19.2	ug/L	96	1		79	124	20
	Benzene	20	18.6	ug/L	93	2		79	120	20
	1,2-Dichloroethane	20	19.6	ug/L	98	4		73	128	20
	Trichloroethene	20	18.8	ug/L	94	3		79	123	20
	Tetrachloroethene	20	18.3	ug/L	92	2		74	129	20
	Chlorobenzene	20	19.1	ug/L	96	1		82	118	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3399</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>ICE Service Group, Inc.</u>	Datafile :	<u>VX048341.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX1024WBS01	Vinyl chloride	20	27.8	ug/L	139		*	58	137	
	1,1-Dichloroethene	20	20.7	ug/L	104			71	131	
	2-Butanone	100	84.6	ug/L	85			56	143	
	Carbon Tetrachloride	20	18.5	ug/L	93			72	136	
	Chloroform	20	20.8	ug/L	104			79	124	
	Benzene	20	20.2	ug/L	101			79	120	
	1,2-Dichloroethane	20	21.0	ug/L	105			73	128	
	Trichloroethene	20	19.2	ug/L	96			79	123	
	Tetrachloroethene	20	20.9	ug/L	104			74	129	
	Chlorobenzene	20	19.8	ug/L	99			82	118	

VOLATILE METHOD BLANK SUMMARY

Client ID

VX1022WBL01

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Lab File ID: VX048282.D

Lab Sample ID: VX1022WBL01

Date Analyzed: 10/22/2025

Time Analyzed: 09:26

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

Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX1022WBS01	VX1022WBS01	VX048283.D	10/22/2025
VX1022WBSD01	VX1022WBSD01	VX048284.D	10/22/2025
COMP-ROLLOFF	Q3399-04	VX048300.D	10/22/2025

COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

Client ID

VX1024WBL01

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Lab File ID: VX048340.D

Lab Sample ID: VX1024WBL01

Date Analyzed: 10/24/2025

Time Analyzed: 09:48

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

Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX1024WBS01	VX1024WBS01	VX048341.D	10/24/2025
COMP-ROLLOFFRE	Q3399-04RE	VX048343.D	10/24/2025

COMMENTS: _____



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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Lab File ID: VX048226.D

BFB Injection Date: 10/20/2025

Instrument ID: MSVOA_X

BFB Injection Time: 08:15

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

Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.7
75	30.0 - 60.0% of mass 95	50.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.3 (0.4) 1
174	50.0 - 100.0% of mass 95	76.5
175	5.0 - 9.0% of mass 174	5.8 (7.5) 1
176	95.0 - 101.0% of mass 174	73.8 (96.4) 1
177	5.0 - 9.0% of mass 176	4.8 (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:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDIC001	VSTDIC001	VX048229.D	10/20/2025	10:59
VSTDIC020	VSTDIC020	VX048231.D	10/20/2025	11:40
VSTDIC050	VSTDIC050	VX048232.D	10/20/2025	12:01
VSTDIC100	VSTDIC100	VX048233.D	10/20/2025	12:22
VSTDIC150	VSTDIC150	VX048234.D	10/20/2025	12:43
VSTDIC005	VSTDIC005	VX048236.D	10/20/2025	13:49



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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Lab File ID: VX048279.D

BFB Injection Date: 10/22/2025

Instrument ID: MSVOA_X

BFB Injection Time: 08:07

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

Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.4
75	30.0 - 60.0% of mass 95	53.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.4 (0.5) 1
174	50.0 - 100.0% of mass 95	77.5
175	5.0 - 9.0% of mass 174	6.4 (8.3) 1
176	95.0 - 101.0% of mass 174	73.9 (95.4) 1
177	5.0 - 9.0% of mass 176	4.7 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX048280.D	10/22/2025	08:37
VX1022WBL01	VX1022WBL01	VX048282.D	10/22/2025	09:26
VX1022WBS01	VX1022WBS01	VX048283.D	10/22/2025	09:53
VX1022WBSD01	VX1022WBSD01	VX048284.D	10/22/2025	10:18
COMP-ROLLOFF	Q3399-04	VX048300.D	10/22/2025	15:50
VSTDCCC050EC	VSTDCCC050	VX048308.D	10/22/2025	18:36



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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Lab File ID: VX048338.D

BFB Injection Date: 10/24/2025

Instrument ID: MSVOA_X

BFB Injection Time: 08:19

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

Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	21.2
75	30.0 - 60.0% of mass 95	54.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6
173	Less than 2.0% of mass 174	0.9 (1.2) 1
174	50.0 - 100.0% of mass 95	72.8
175	5.0 - 9.0% of mass 174	5.6 (7.8) 1
176	95.0 - 101.0% of mass 174	71.6 (98.4) 1
177	5.0 - 9.0% of mass 176	4.8 (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:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX048339.D	10/24/2025	09:16
VX1024WBL01	VX1024WBL01	VX048340.D	10/24/2025	09:48
VX1024WBS01	VX1024WBS01	VX048341.D	10/24/2025	10:15
COMP-ROLLOFFRE	Q3399-04RE	VX048343.D	10/24/2025	11:03
VSTDCCC050EC	VSTDCCC050	VX048353.D	10/24/2025	15:49

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: ICES02
 Lab Code: ACE SDG NO.: Q3399
 Lab File ID: VX048280.D Date Analyzed: 10/22/2025
 Instrument ID: MSVOA_X Time Analyzed: 08:37
 GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	112883	5.53	171616	6.74	151325	10.04
UPPER LIMIT	225766	6.031	343232	7.239	302650	10.537
LOWER LIMIT	56441.5	5.031	85808	6.239	75662.5	9.537
EPA SAMPLE NO.						
COMP-ROLLOFF	155579	5.54	306649	6.75	274083	10.04
VX1022WBL01	97887	5.54	185129	6.75	199062	10.04
VX1022WBS01	115938	5.54	185153	6.75	172449	10.04
VX1022WBSD01	120104	5.53	195961	6.75	180624	10.04

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

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

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>ICES02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3399</u>
Lab File ID:	<u>VX048280.D</u>	Date Analyzed:	<u>10/22/2025</u>
Instrument ID:	<u>MSVOA_X</u>	Time Analyzed:	<u>08:37</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)
		Heated Purge:	(Y/N) <u>N</u>

	IS4 AREA #	RT #				
12 HOUR STD	76595	12				
UPPER LIMIT	153190	12.5				
LOWER LIMIT	38297.5	11.5				
EPA SAMPLE NO.						
COMP-ROLLOFF	141254	12.01				
VX1022WBL01	99844	12.01				
VX1022WBS01	91086	12.01				
VX1022WBSD01	92297	12.01				

IS4 = 1,4-Dichlorobenzene-d4

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

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: ICES02
Lab Code: ACE SDG NO.: Q3399
Lab File ID: VX048339.D Date Analyzed: 10/24/2025
Instrument ID: MSVOA_X Time Analyzed: 09:16
GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	125053	5.53	210685	6.74	187763	10.04
UPPER LIMIT	250106	6.031	421370	7.239	375526	10.537
LOWER LIMIT	62526.5	5.031	105343	6.239	93881.5	9.537
EPA SAMPLE NO.						
COMP-ROLLOFFRE	137283	5.54	270507	6.75	270324	10.04
VX1024WBL01	90540	5.53	176490	6.74	165587	10.04
VX1024WBS01	145979	5.53	238661	6.74	208902	10.04

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

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

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: ICES02
 Lab Code: ACE SDG NO.: Q3399
 Lab File ID: VX048339.D Date Analyzed: 10/24/2025
 Instrument ID: MSVOA_X Time Analyzed: 09:16
 GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	93479	12.00€				
UPPER LIMIT	186958	12.50€				
LOWER LIMIT	46739.5	11.50€				
EPA SAMPLE NO.						
COMP-ROLLOFFRE	123520	12.01				
VX1024WBL01	72164	12.01				
VX1024WBS01	103563	12.01				

IS4 = 1,4-Dichlorobenzene-d4

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

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



SAMPLE DATA



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

Report of Analysis

Client: ICE Service Group, Inc.
Project: NWIRP Northrup Grumman Site – Bethpage, NY
Client Sample ID: COMP-ROLLOFF
Lab Sample ID: Q3399-04
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected: 10/20/25
Date Received: 10/20/25
SDG No.: Q3399
Matrix: TCLP
% Solid: 0
Test: TCLP VOA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-01-4	Vinyl Chloride	0.75	U	1	0.26	0.75	5.00	ug/L	10/22/25 15:50	VX102225
75-35-4	1,1-Dichloroethene	0.75	U	1	0.23	0.75	5.00	ug/L	10/22/25 15:50	VX102225
78-93-3	2-Butanone	2.50	U	1	0.98	2.50	25.0	ug/L	10/22/25 15:50	VX102225
56-23-5	Carbon Tetrachloride	0.50	U	1	0.25	0.50	5.00	ug/L	10/22/25 15:50	VX102225
67-66-3	Chloroform	0.50	U	1	0.25	0.50	5.00	ug/L	10/22/25 15:50	VX102225
71-43-2	Benzene	0.50	U	1	0.15	0.50	5.00	ug/L	10/22/25 15:50	VX102225
107-06-2	1,2-Dichloroethane	0.75	U	1	0.22	0.75	5.00	ug/L	10/22/25 15:50	VX102225
79-01-6	Trichloroethene	0.75	U	1	0.090	0.75	5.00	ug/L	10/22/25 15:50	VX102225
127-18-4	Tetrachloroethene	0.50	U	1	0.23	0.50	5.00	ug/L	10/22/25 15:50	VX102225
108-90-7	Chlorobenzene	0.50	U	1	0.12	0.50	5.00	ug/L	10/22/25 15:50	VX102225
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	51.0			81 - 118		102%	SPK: 50		
1868-53-7	Dibromofluoromethane	43.7			80 - 119		87%	SPK: 50		
2037-26-5	Toluene-d8	41.4	*		89 - 112		83%	SPK: 50		
460-00-4	4-Bromofluorobenzene	46.2			85 - 114		92%	SPK: 50		
INTERNAL STANDARDS										
		Area Count								
363-72-4	Pentafluorobenzene	156000								
540-36-3	1,4-Difluorobenzene	307000								
3114-55-4	Chlorobenzene-d5	274000								
3855-82-1	1,4-Dichlorobenzene-d4	141000								

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
 Data File : VX048300.D
 Acq On : 22 Oct 2025 15:50
 Operator : JC/MD
 Sample : Q3399-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-ROLLOFF

Quant Time: Oct 23 14:28:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

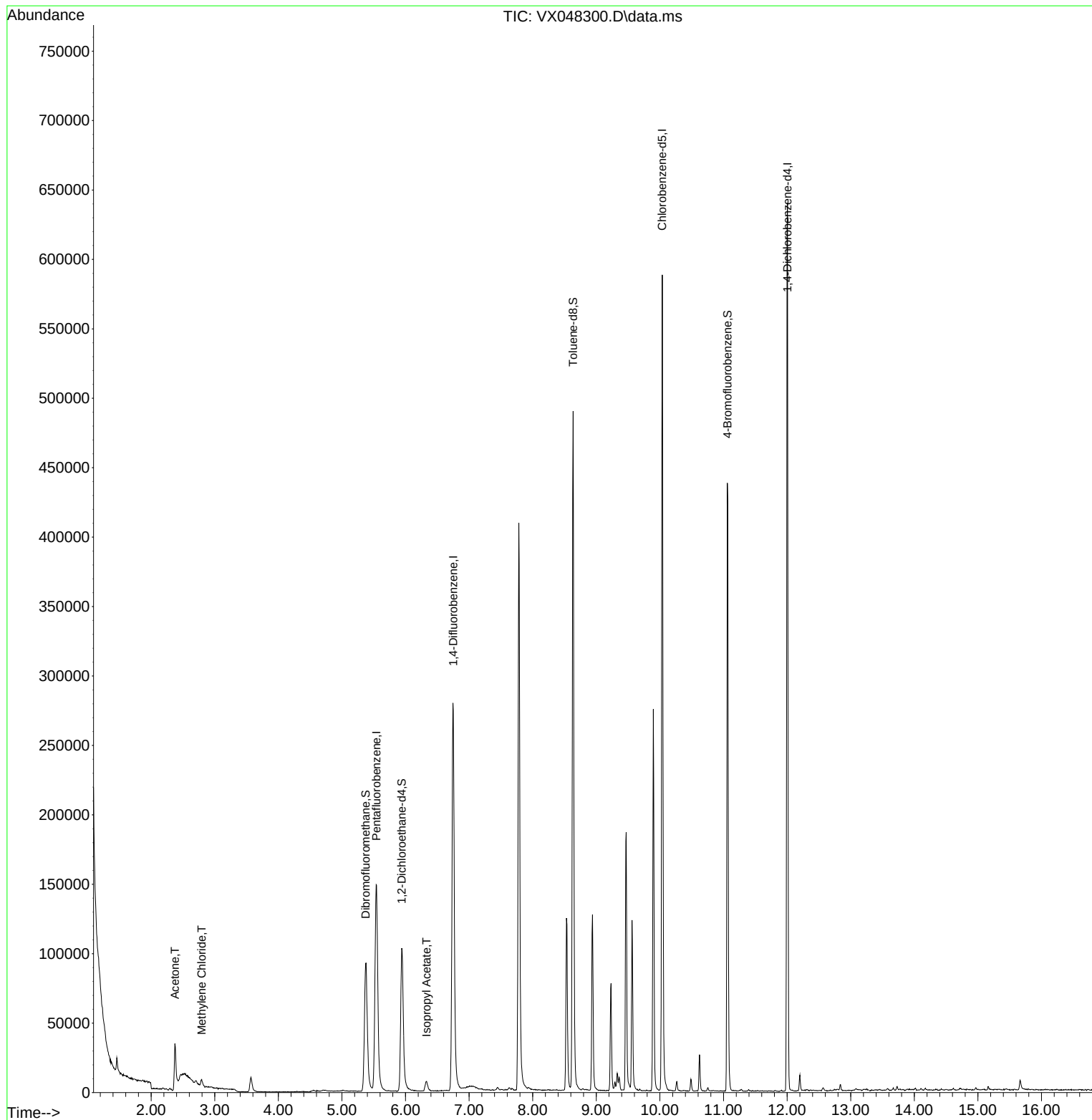
Internal Standards						
1) Pentafluorobenzene	5.544	168	155579	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	306649	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	274083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	141254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	111265	51.008	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.020%
35) Dibromofluoromethane	5.373	113	91463	43.690	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.380%
50) Toluene-d8	8.635	98	303466	41.356	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	82.720%#
62) 4-Bromofluorobenzene	11.061	95	128881	46.169	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.340%
Target Compounds						
						Qvalue
16) Acetone	2.373	43	47589	63.594	ug/l	94
20) Methylene Chloride	2.794	84	2353	1.290	ug/l #	77
43) Isopropyl Acetate	6.330	43	11664	2.879	ug/l	97

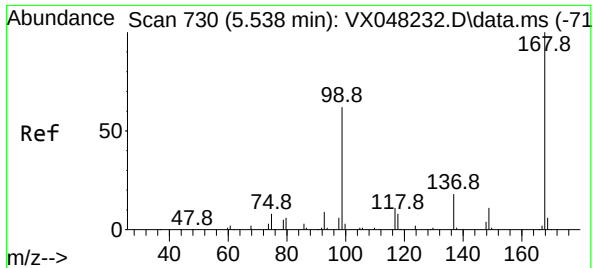
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048300.D
Acq On : 22 Oct 2025 15:50
Operator : JC/MD
Sample : Q3399-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
COMP-ROLLOFF

Quant Time: Oct 23 14:28:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration



#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX048300.D

Acq: 22 Oct 2025 15:50

Instrument :

MSVOA_X

ClientSampleId :

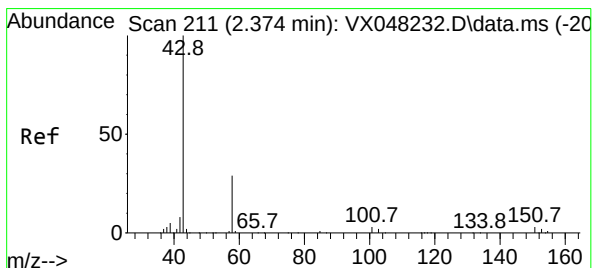
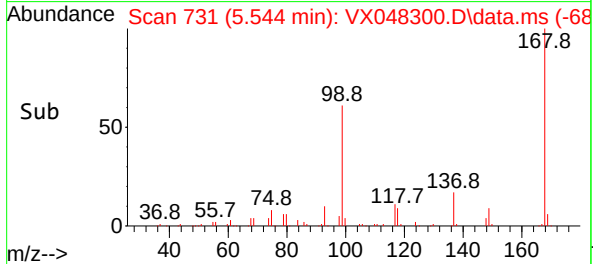
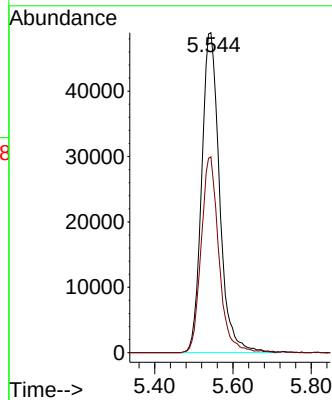
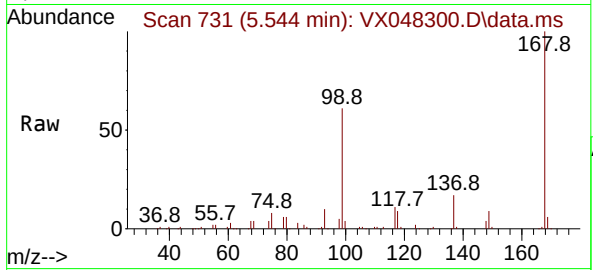
COMP-ROLLOFF

Tgt Ion:168 Resp: 155579

Ion Ratio Lower Upper

168 100

99 61.2 46.4 69.6



#16

Acetone

Concen: 63.594 ug/l

RT: 2.373 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX048300.D

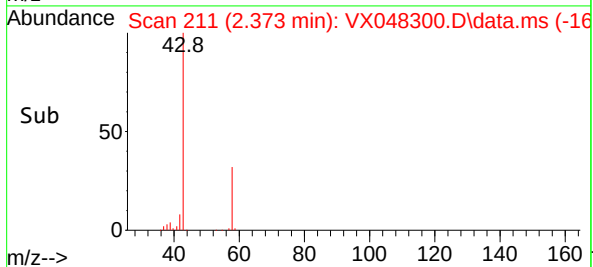
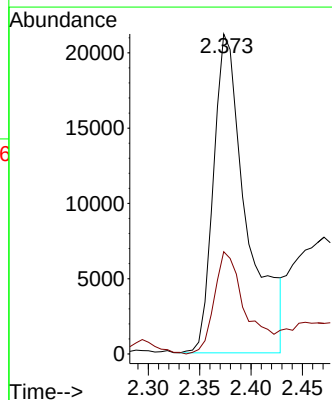
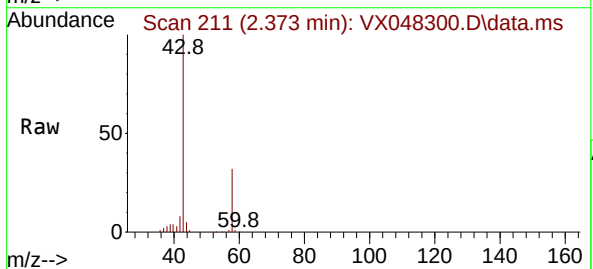
Acq: 22 Oct 2025 15:50

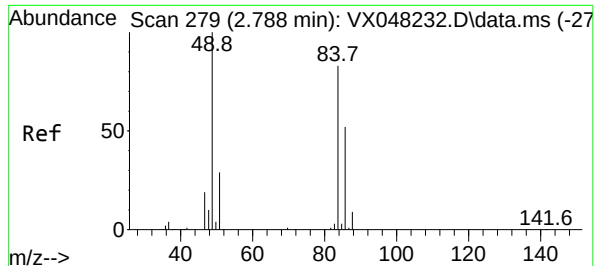
Tgt Ion: 43 Resp: 47589

Ion Ratio Lower Upper

43 100

58 32.6 23.4 35.2





#20

Methylene Chloride

Concen: 1.290 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX048300.D

Acq: 22 Oct 2025 15:50

Instrument :

MSVOA_X

ClientSampleId :

COMP-ROLLOFF

Tgt Ion: 84 Resp: 2353

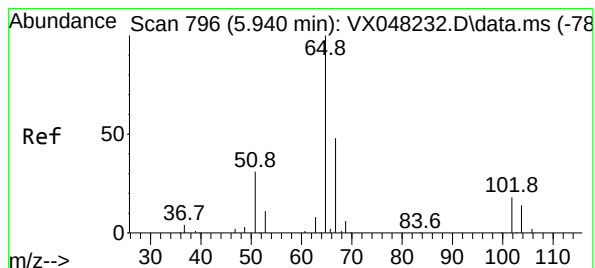
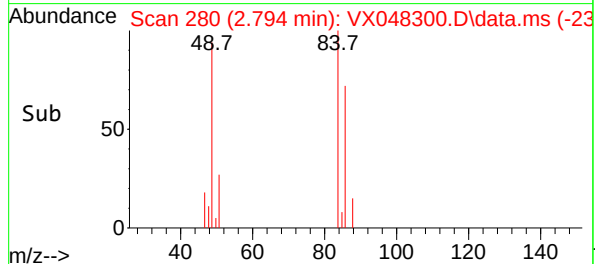
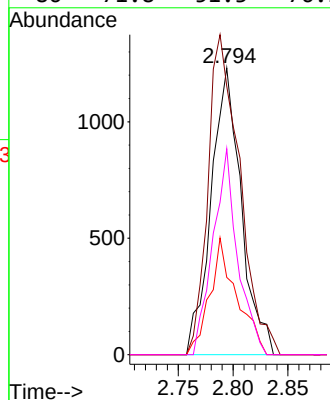
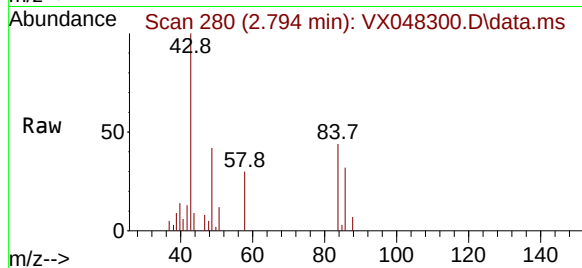
Ion Ratio Lower Upper

84 100

49 93.7 104.1 156.1#

51 27.0 31.3 46.9#

86 71.8 51.3 76.9



#33

1,2-Dichloroethane-d4

Concen: 51.008 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048300.D

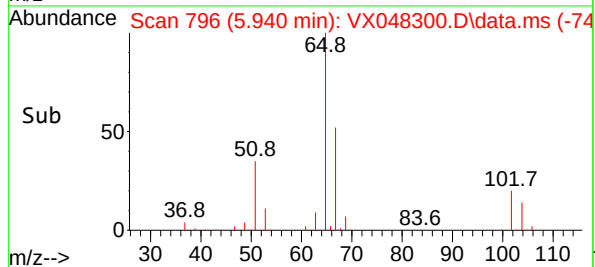
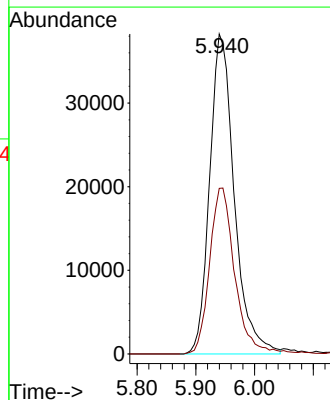
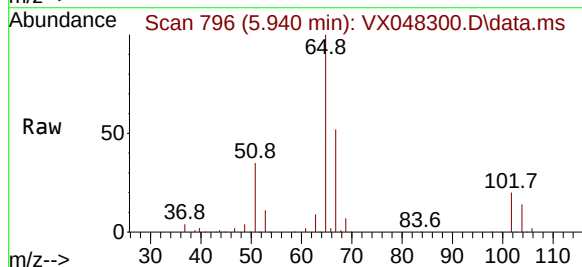
Acq: 22 Oct 2025 15:50

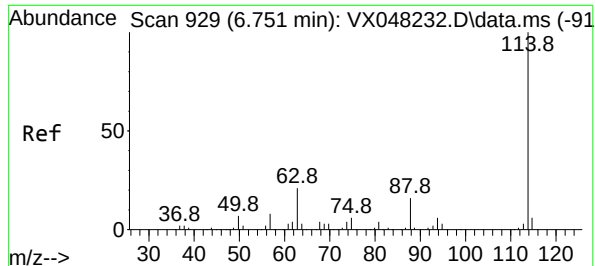
Tgt Ion: 65 Resp: 111265

Ion Ratio Lower Upper

65 100

67 53.0 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX048300.D

Acq: 22 Oct 2025 15:50

Instrument :

MSVOA_X

ClientSampleId :

COMP-ROLLOFF

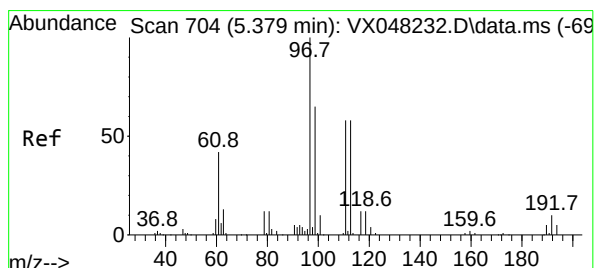
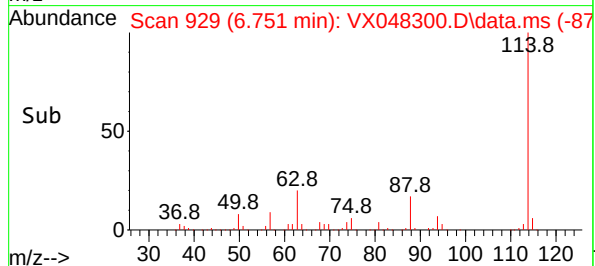
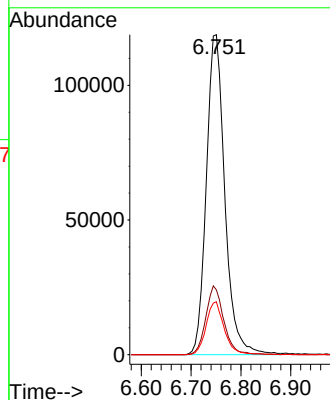
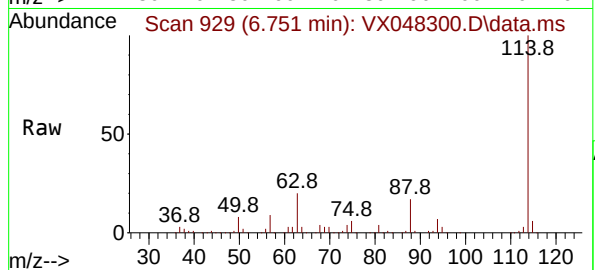
Tgt Ion:114 Resp: 306649

Ion Ratio Lower Upper

114 100

63 20.2 0.0 43.2

88 16.5 0.0 33.6



#35

Dibromofluoromethane

Concen: 43.690 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX048300.D

Acq: 22 Oct 2025 15:50

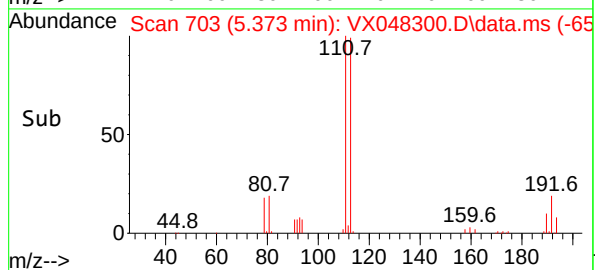
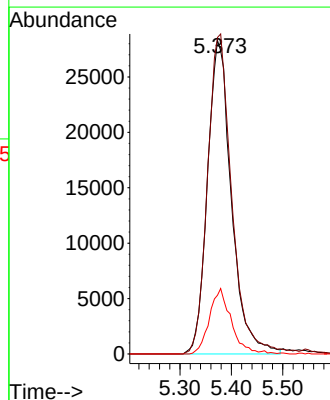
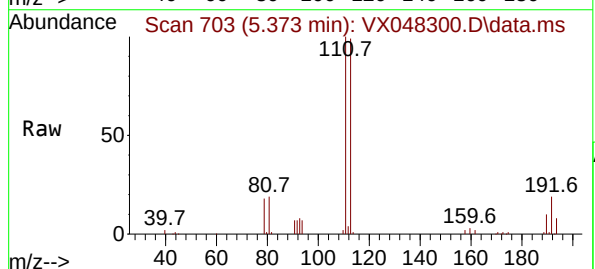
Tgt Ion:113 Resp: 91463

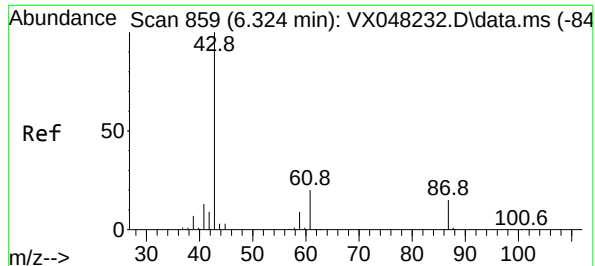
Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.4

192 19.1 15.1 22.7





#43

Isopropyl Acetate

Concen: 2.879 ug/l

RT: 6.330 min Scan# 8

Delta R.T. 0.006 min

Lab File: VX048300.D

Acq: 22 Oct 2025 15:50

Instrument :

MSVOA_X

ClientSampleId :

COMP-ROLLOFF

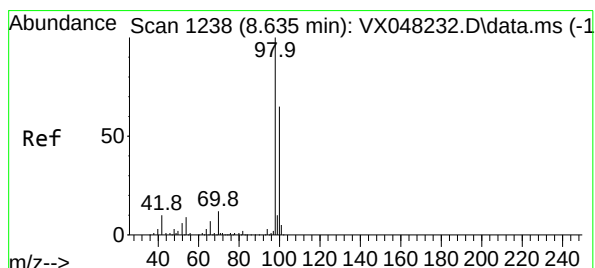
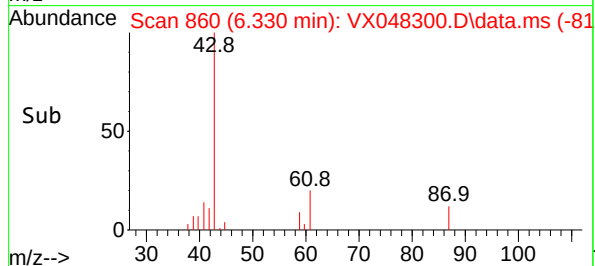
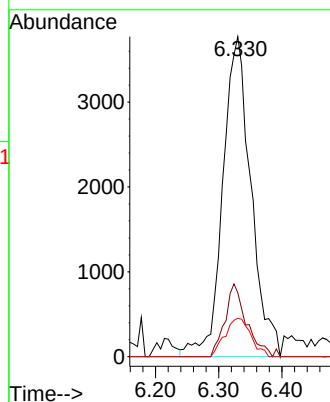
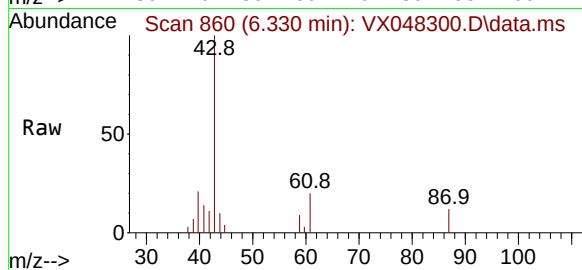
Tgt Ion: 43 Resp: 11664

Ion Ratio Lower Upper

43 100

61 17.2 14.9 22.3

87 11.0 9.4 14.2



#50

Toluene-d8

Concen: 41.356 ug/l

RT: 8.635 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX048300.D

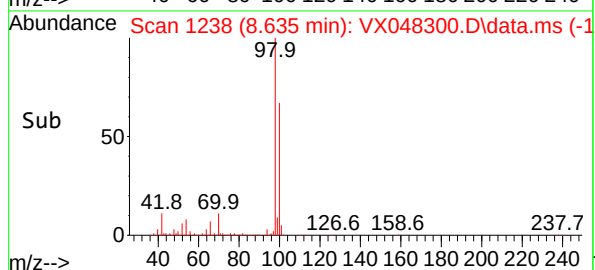
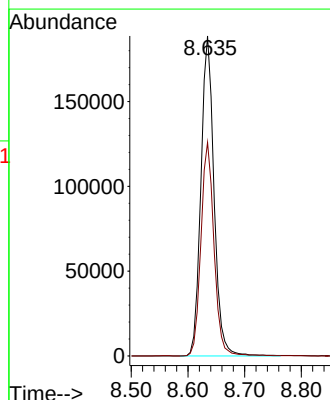
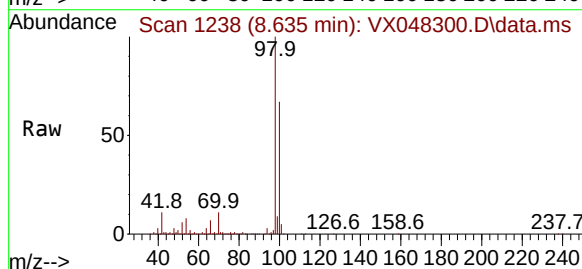
Acq: 22 Oct 2025 15:50

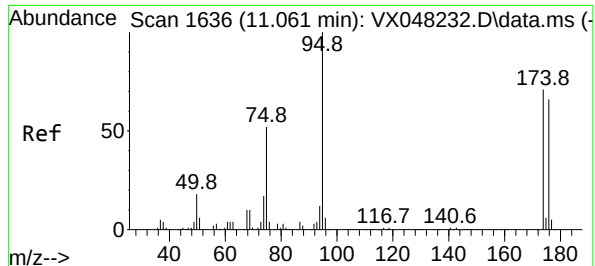
Tgt Ion: 98 Resp: 303466

Ion Ratio Lower Upper

98 100

100 66.6 53.0 79.4

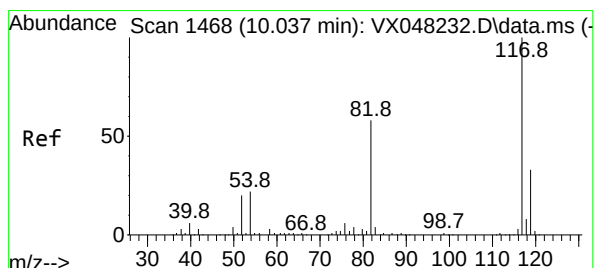
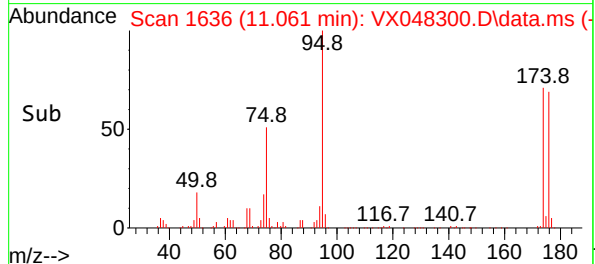
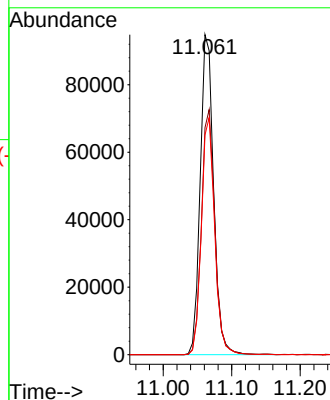
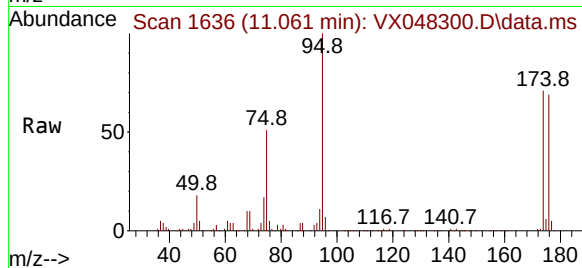




#62
4-Bromofluorobenzene
Concen: 46.169 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048300.D
Acq: 22 Oct 2025 15:50

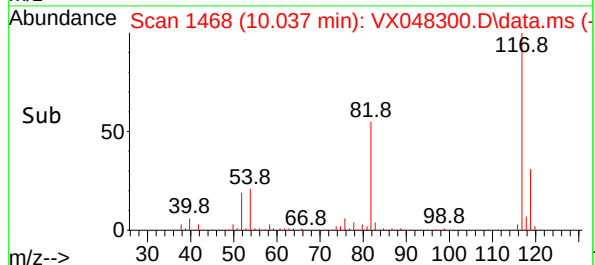
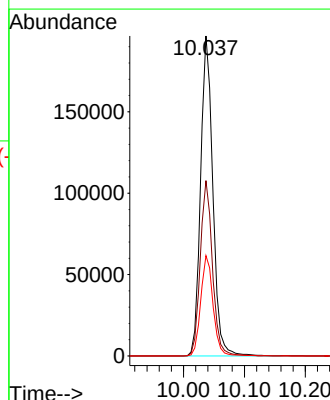
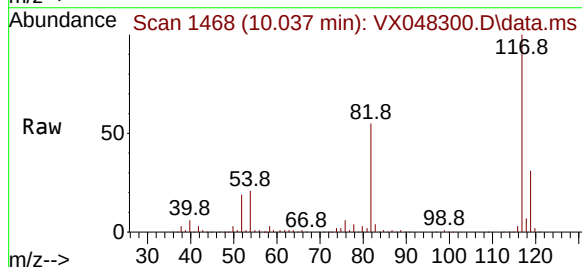
Instrument :
MSVOA_X
ClientSampleId :
COMP-ROLLOFF

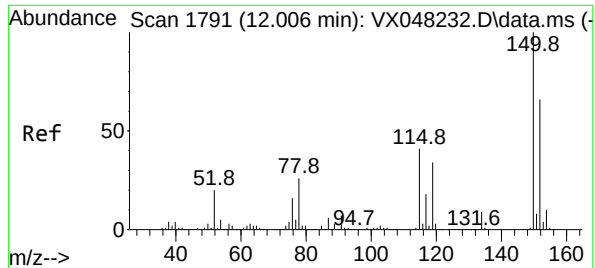
Tgt Ion: 95 Resp: 128881
Ion Ratio Lower Upper
95 100
174 76.9 0.0 147.8
176 73.6 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048300.D
Acq: 22 Oct 2025 15:50

Tgt Ion: 117 Resp: 274083
Ion Ratio Lower Upper
117 100
82 54.8 46.5 69.7
119 31.4 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048300.D

Acq: 22 Oct 2025 15:50

Instrument :

MSVOA_X

ClientSampleId :

COMP-ROLLOFF

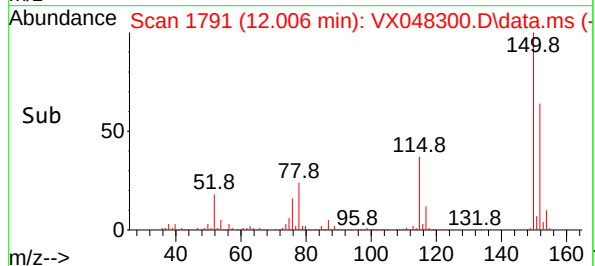
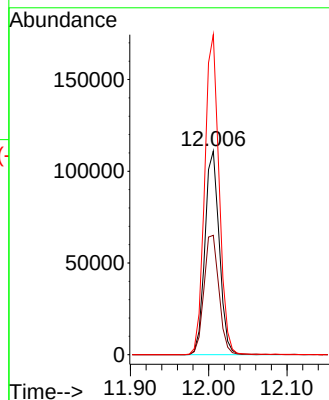
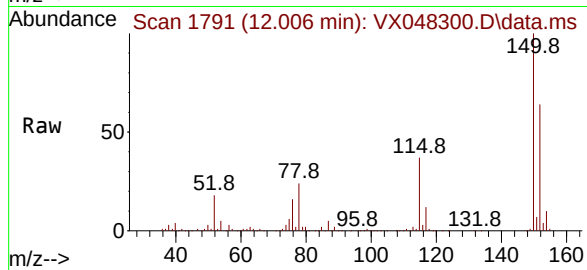
Tgt Ion:152 Resp: 141254

Ion Ratio Lower Upper

152 100

115 61.1 43.1 129.4

150 157.5 0.0 353.0





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

Report of Analysis

Client: ICE Service Group, Inc.
Project: NWIRP Northrup Grumman Site – Bethpage, NY
Client Sample ID: COMP-ROLLOFFRE
Lab Sample ID: Q3399-04RE
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected: 10/20/25
Date Received: 10/20/25
SDG No.: Q3399
Matrix: TCLP
% Solid: 0
Test: TCLP VOA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-01-4	Vinyl Chloride	0.75	UQ	1	0.26	0.75	5.00	ug/L	10/24/25 11:03	vx102425
75-35-4	1,1-Dichloroethene	0.75	U	1	0.23	0.75	5.00	ug/L	10/24/25 11:03	vx102425
78-93-3	2-Butanone	2.50	U	1	0.98	2.50	25.0	ug/L	10/24/25 11:03	vx102425
56-23-5	Carbon Tetrachloride	0.50	U	1	0.25	0.50	5.00	ug/L	10/24/25 11:03	vx102425
67-66-3	Chloroform	0.50	U	1	0.25	0.50	5.00	ug/L	10/24/25 11:03	vx102425
71-43-2	Benzene	0.50	U	1	0.15	0.50	5.00	ug/L	10/24/25 11:03	vx102425
107-06-2	1,2-Dichloroethane	0.75	U	1	0.22	0.75	5.00	ug/L	10/24/25 11:03	vx102425
79-01-6	Trichloroethene	0.75	U	1	0.090	0.75	5.00	ug/L	10/24/25 11:03	vx102425
127-18-4	Tetrachloroethene	0.50	U	1	0.23	0.50	5.00	ug/L	10/24/25 11:03	vx102425
108-90-7	Chlorobenzene	0.50	U	1	0.12	0.50	5.00	ug/L	10/24/25 11:03	vx102425
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	54.5			81 - 118		109%	SPK: 50		
1868-53-7	Dibromofluoromethane	39.9			80 - 119		80%	SPK: 50		
2037-26-5	Toluene-d8	47.1			89 - 112		94%	SPK: 50		
460-00-4	4-Bromofluorobenzene	50.4			85 - 114		101%	SPK: 50		
INTERNAL STANDARDS										
		Area Count								
363-72-4	Pentafluorobenzene	137000								
540-36-3	1,4-Difluorobenzene	271000								
3114-55-4	Chlorobenzene-d5	270000								
3855-82-1	1,4-Dichlorobenzene-d4	124000								

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
 Data File : VX048343.D
 Acq On : 24 Oct 2025 11:03
 Operator : JC/MD
 Sample : Q3399-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-ROLLOFF

Quant Time: Oct 24 23:02:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

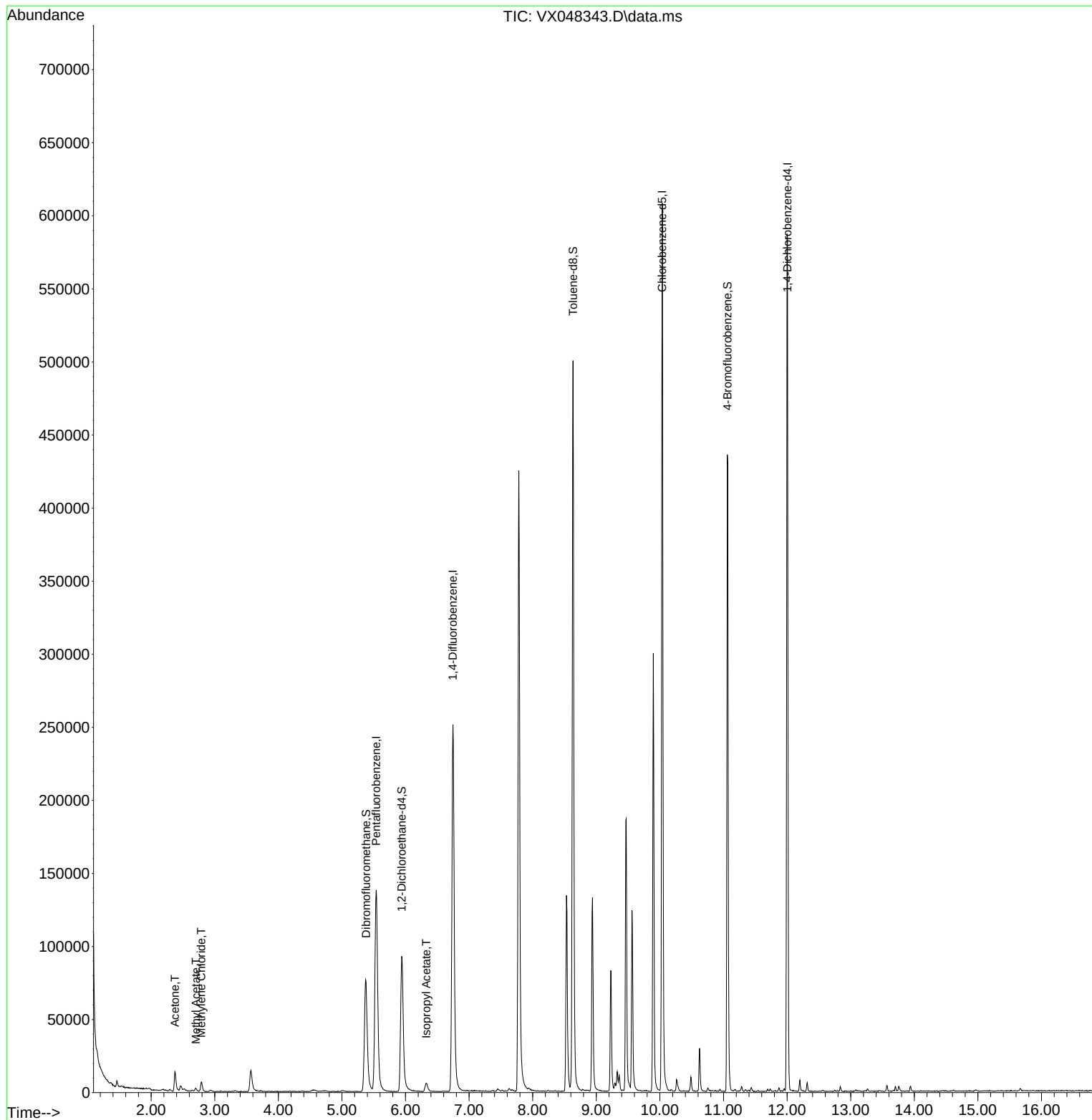
Internal Standards						
1) Pentafluorobenzene	5.538	168	137283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	270507	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	270324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	123520	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	104937	54.518	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.040%			
35) Dibromofluoromethane	5.379	113	73601	39.855	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 79.700%			
50) Toluene-d8	8.635	98	305004	47.119	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.240%			
62) 4-Bromofluorobenzene	11.061	95	124188	50.431	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.860%			
Target Compounds					Qvalue	
16) Acetone	2.374	43	18583	28.142	ug/l	95
18) Methyl Acetate	2.703	43	3602	2.612	ug/l #	90
20) Methylene Chloride	2.788	84	3286	2.042	ug/l	90
43) Isopropyl Acetate	6.324	43	9305	2.604	ug/l	98

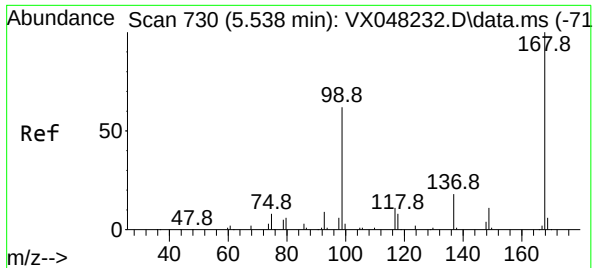
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048343.D
Acq On : 24 Oct 2025 11:03
Operator : JC/MD
Sample : Q3399-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
COMP-ROLLOFF

Quant Time: Oct 24 23:02:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

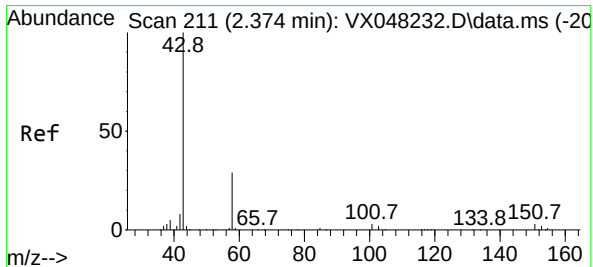
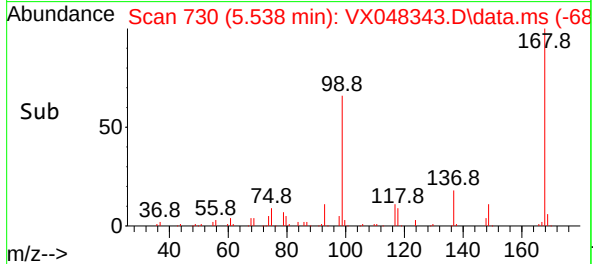
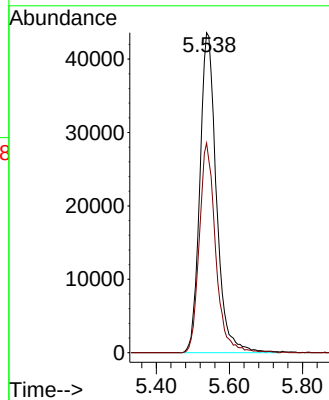
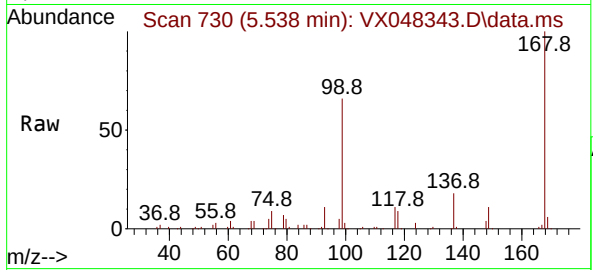




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048343.D
Acq: 24 Oct 2025 11:03

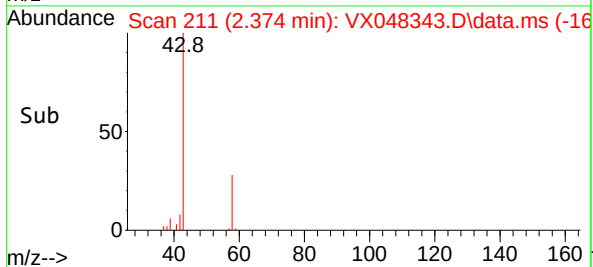
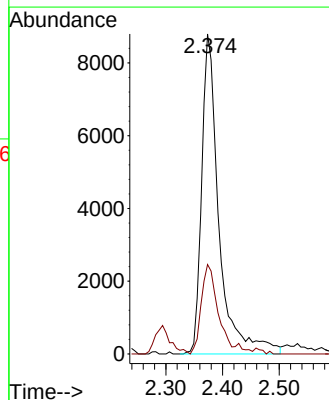
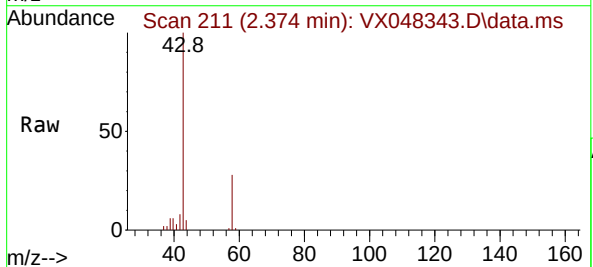
Instrument :
MSVOA_X
ClientSampleId :
COMP-ROLLOFF

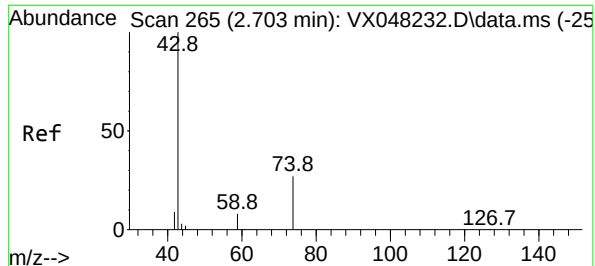
Tgt Ion:168 Resp: 137283
Ion Ratio Lower Upper
168 100
99 65.5 46.4 69.6



#16
Acetone
Concen: 28.142 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048343.D
Acq: 24 Oct 2025 11:03

Tgt Ion: 43 Resp: 18583
Ion Ratio Lower Upper
43 100
58 26.6 23.4 35.2





#18

Methyl Acetate

Concen: 2.612 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.006 min

Lab File: VX048343.D

Acq: 24 Oct 2025 11:03

Instrument :

MSVOA_X

ClientSampleId :

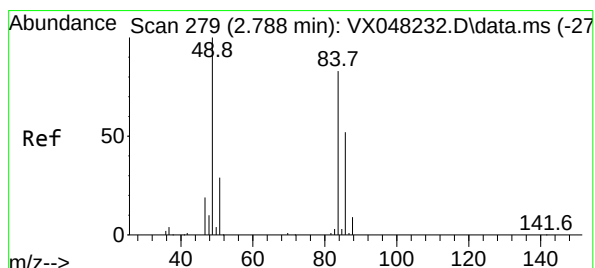
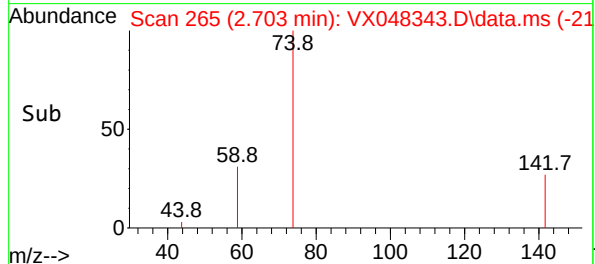
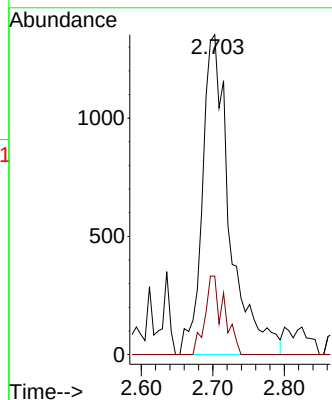
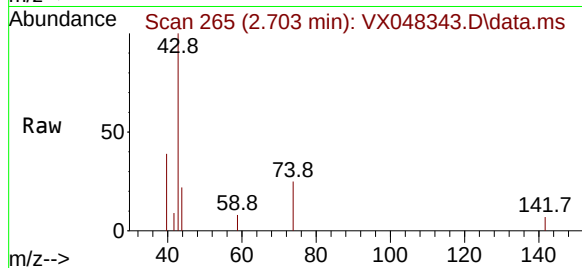
COMP-ROLLOFF

Tgt Ion: 43 Resp: 3602

Ion Ratio Lower Upper

43 100

74 17.0 17.5 26.3#



#20

Methylene Chloride

Concen: 2.042 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX048343.D

Acq: 24 Oct 2025 11:03

Tgt Ion: 84 Resp: 3286

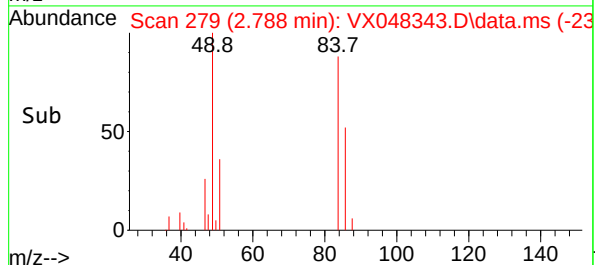
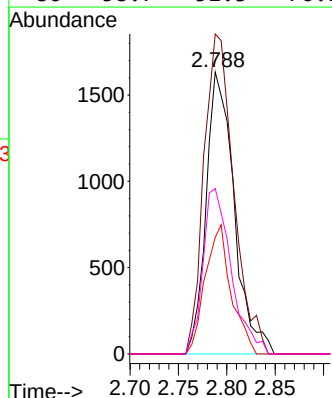
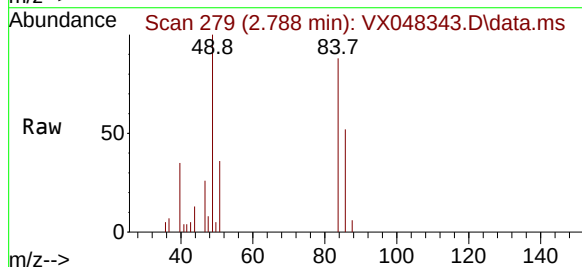
Ion Ratio Lower Upper

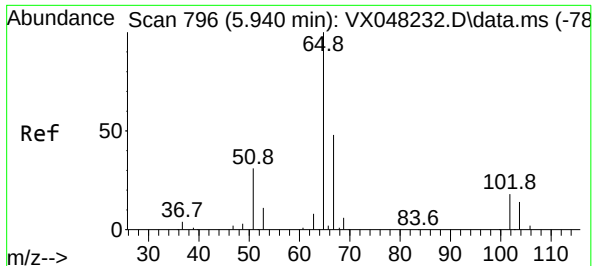
84 100

49 113.5 104.1 156.1

51 41.4 31.3 46.9

86 58.7 51.3 76.9





#33

1,2-Dichloroethane-d4

Concen: 54.518 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048343.D

Acq: 24 Oct 2025 11:03

Instrument :

MSVOA_X

ClientSampleId :

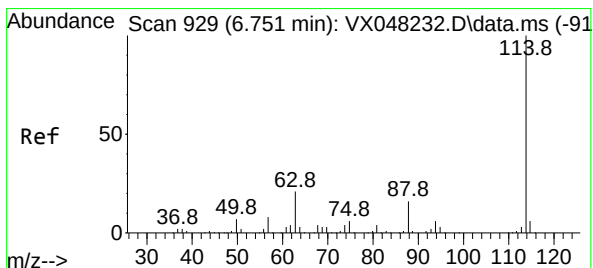
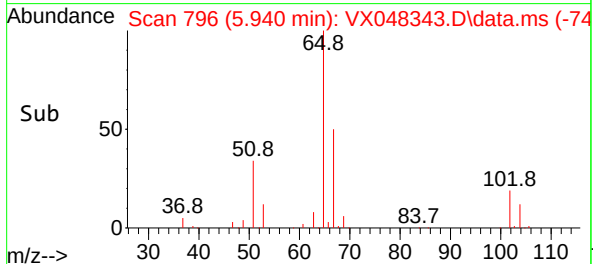
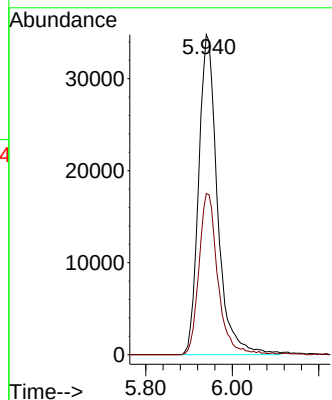
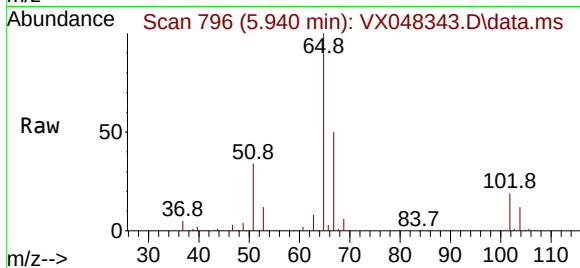
COMP-ROLLOFF

Tgt Ion: 65 Resp: 104937

Ion Ratio Lower Upper

65 100

67 50.4 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048343.D

Acq: 24 Oct 2025 11:03

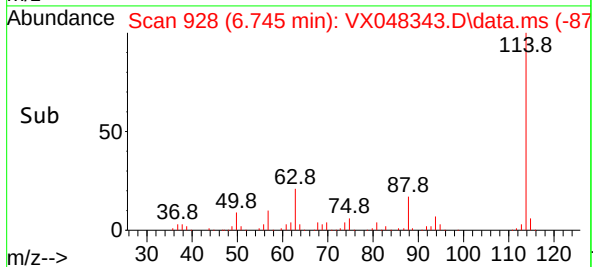
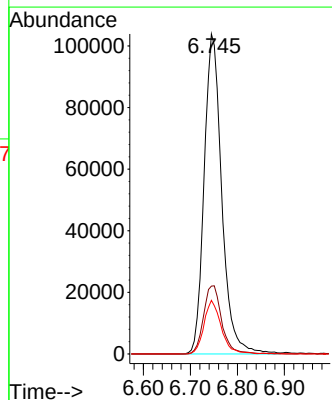
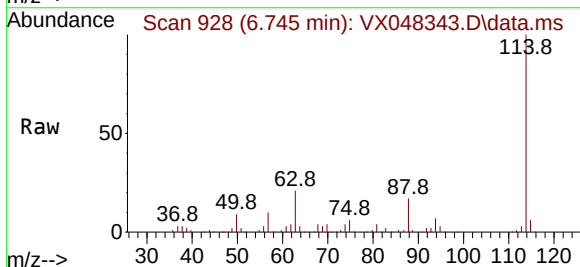
Tgt Ion: 114 Resp: 270507

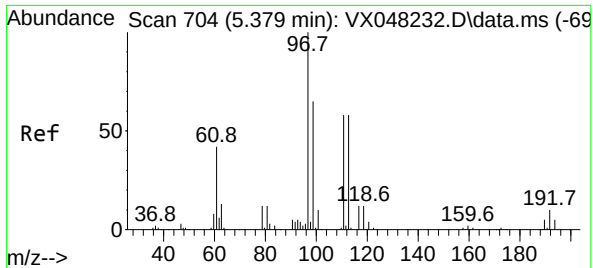
Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.2

88 16.8 0.0 33.6





#35

Dibromofluoromethane

Concen: 39.855 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX048343.D

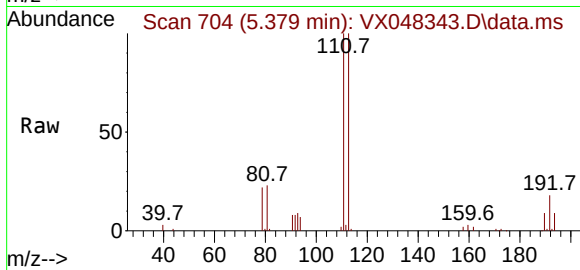
Acq: 24 Oct 2025 11:03

Instrument :

MSVOA_X

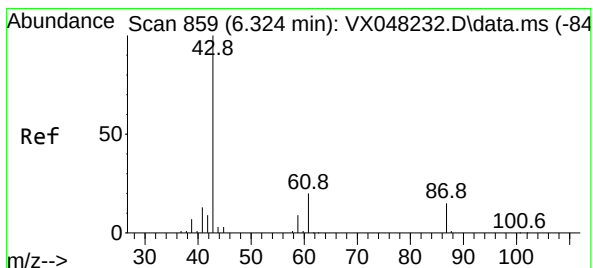
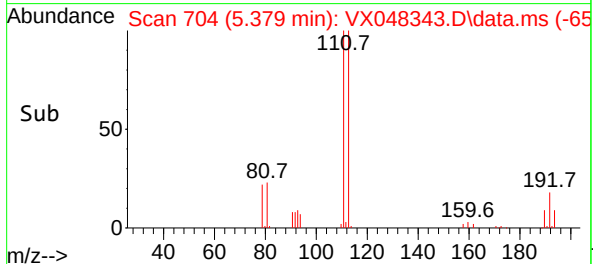
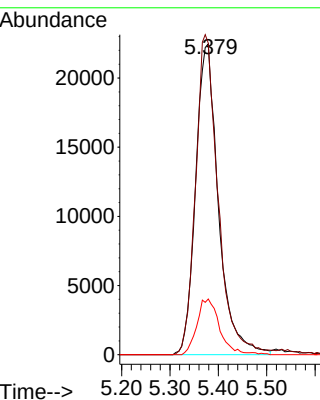
ClientSampleId :

COMP-ROLLOFF



Tgt Ion:113 Resp: 73601

Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.2	123.4
192	17.9	15.1	22.7



#43

Isopropyl Acetate

Concen: 2.604 ug/l

RT: 6.324 min Scan# 859

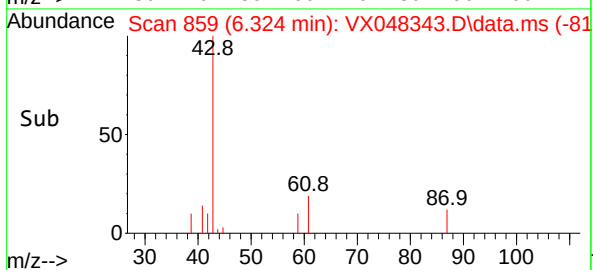
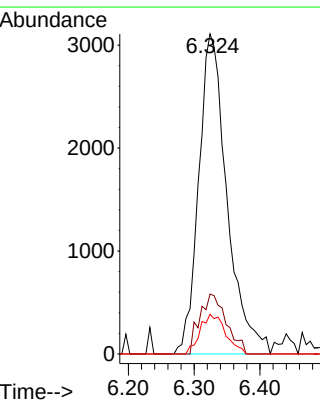
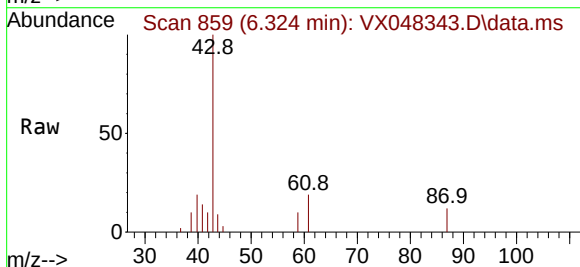
Delta R.T. -0.000 min

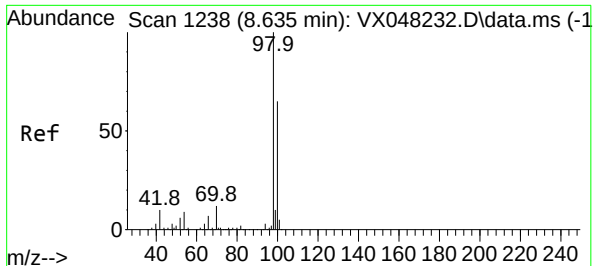
Lab File: VX048343.D

Acq: 24 Oct 2025 11:03

Tgt Ion: 43 Resp: 9305

Ion	Ratio	Lower	Upper
43	100		
61	17.6	14.9	22.3
87	11.1	9.4	14.2





#50

Toluene-d8

Concen: 47.119 ug/l

RT: 8.635 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048343.D

Acq: 24 Oct 2025 11:03

Instrument :

MSVOA_X

ClientSampleId :

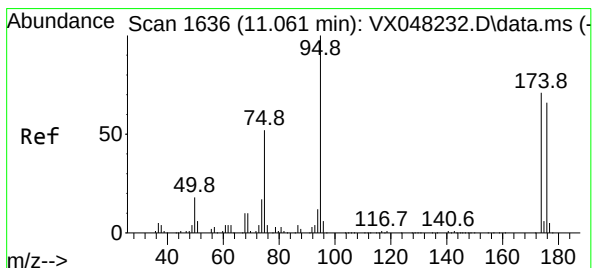
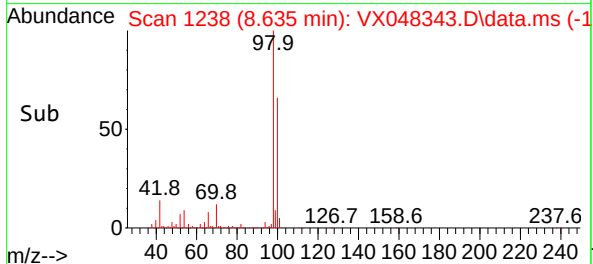
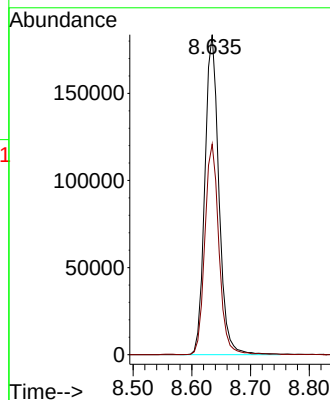
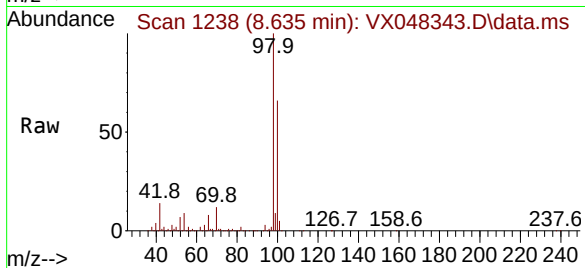
COMP-ROLLOFF

Tgt Ion: 98 Resp: 305004

Ion Ratio Lower Upper

98 100

100 66.1 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 50.431 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. -0.000 min

Lab File: VX048343.D

Acq: 24 Oct 2025 11:03

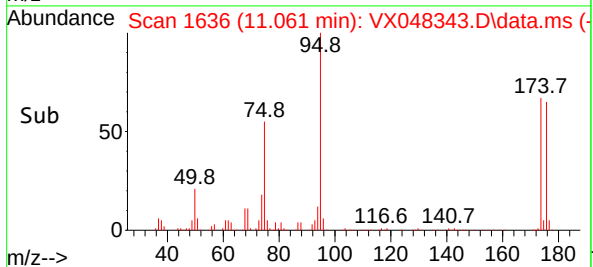
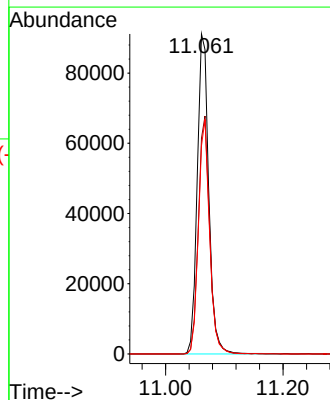
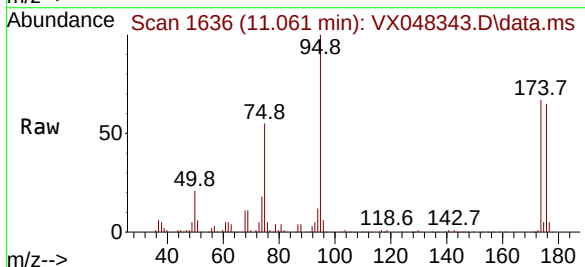
Tgt Ion: 95 Resp: 124188

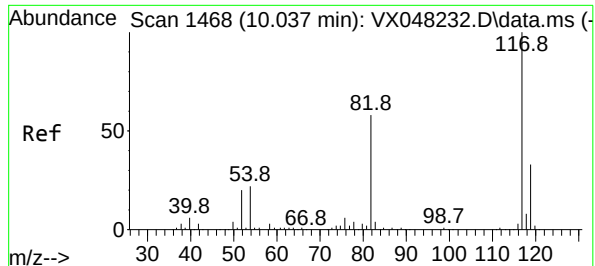
Ion Ratio Lower Upper

95 100

174 73.1 0.0 147.8

176 70.7 0.0 142.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX048343.D

Acq: 24 Oct 2025 11:03

Instrument :

MSVOA_X

ClientSampleId :

COMP-ROLLOFF

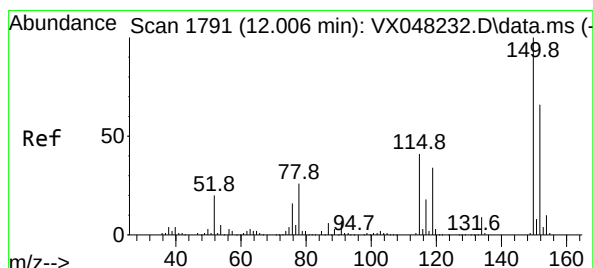
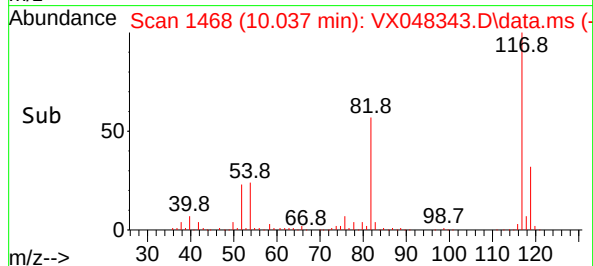
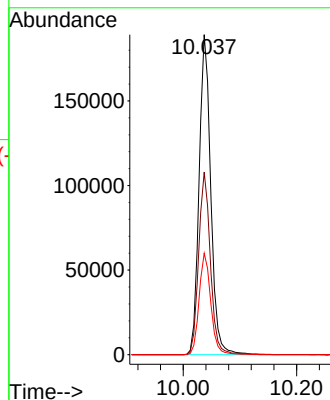
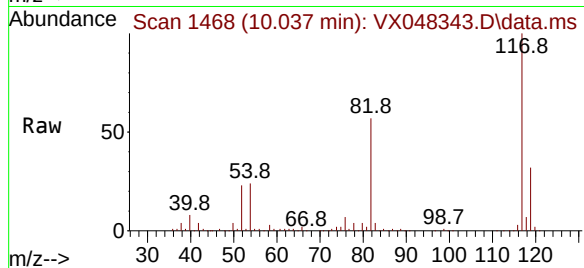
Tgt Ion:117 Resp: 270324

Ion Ratio Lower Upper

117 100

82 57.0 46.5 69.7

119 31.7 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX048343.D

Acq: 24 Oct 2025 11:03

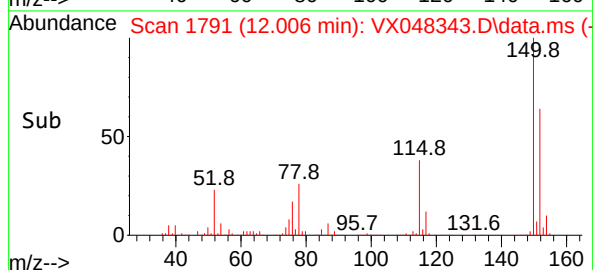
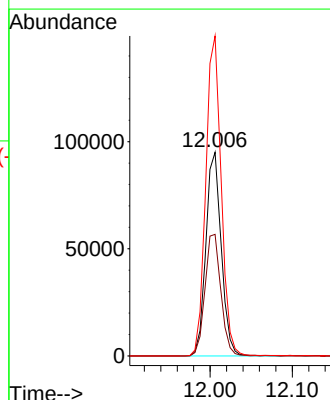
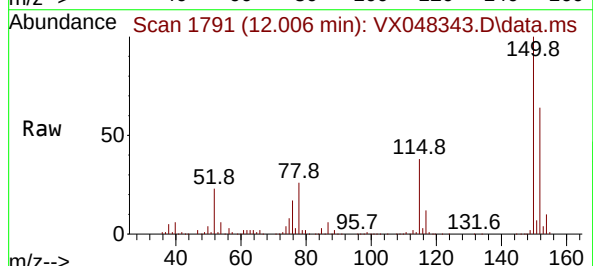
Tgt Ion:152 Resp: 123520

Ion Ratio Lower Upper

152 100

115 61.7 43.1 129.4

150 157.7 0.0 353.0





CALIBRATION SUMMARY

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X102025W.M
 Title : SW846 8260
 Last Update : Mon Oct 20 14:13:59 2025
 Response Via : Initial Calibration

Calibration Files

1 =VX048229.D 5 =VX048236.D 20 =VX048231.D 50 =VX048232.D 100 =VX048233.D 150 =VX048234.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.522	0.522	0.513	0.483	0.540	0.504	0.514	3.74
3) P	Chloromethane	0.506	0.508	0.468	0.449	0.476	0.471	0.480	4.81
4) C	Vinyl Chloride	0.447	0.458	0.437	0.416	0.462	0.445	0.444	3.69#
5) T	Bromomethane		0.346	0.323	0.282	0.280	0.276	0.302	10.42
6) T	Chloroethane	0.233	0.261	0.277	0.247	0.282	0.267	0.261	7.16
7) T	Trichlorofluor...	0.776	0.880	0.874	0.807	0.907	0.869	0.852	5.83
8) T	Diethyl Ether	0.231	0.237	0.257	0.223	0.248	0.242	0.240	5.06
9) T	1,1,2-Trichlor...	0.512	0.553	0.540	0.501	0.583	0.549	0.540	5.48
10) T	Methyl Iodide		0.569	0.636	0.663	0.781	0.742	0.678	12.47
11) T	Tert butyl alc...		0.087	0.069	0.062	0.067	0.064	0.070	14.22
12) CM	1,1-Dichloroet...	0.515	0.514	0.548	0.485	0.558	0.531	0.525	5.03#
13) T	Acrolein		0.079	0.063	0.065	0.074	0.073	0.071	9.21
14) T	Allyl chloride	0.897	0.833	0.909	0.805	0.911	0.874	0.872	5.00
15) T	Acrylonitrile	0.255	0.245	0.267	0.239	0.254	0.246	0.251	3.89
16) T	Acetone	0.300	0.262	0.250	0.202	0.221	0.206	0.240	15.70
17) T	Carbon Disulfide	2.034	1.689	1.612	1.442	1.617	1.532	1.654	12.36
18) T	Methyl Acetate	0.514	0.464	0.551	0.466	0.514	0.504	0.502	6.56
19) T	Methyl tert-bu...	1.894	1.657	1.909	1.704	1.817	1.764	1.791	5.66
20) T	Methylene Chlo...	0.555	0.595	0.651	0.552	0.597	0.567	0.586	6.36
21) T	trans-1,2-Dich...	0.587	0.603	0.585	0.535	0.592	0.558	0.577	4.38
22) T	Diisopropyl ether	1.697	1.701	1.881	1.662	1.787	1.701	1.738	4.69
23) T	Vinyl Acetate	1.261	1.326	1.521	1.348	1.466	1.408	1.389	6.90
24) P	1,1-Dichloroet...	1.116	1.054	1.085	0.977	1.055	1.019	1.051	4.64
25) T	2-Butanone	0.311	0.315	0.329	0.281	0.301	0.290	0.304	5.70
26) T	2,2-Dichloropr...	1.002	0.945	0.973	0.876	0.973	0.924	0.949	4.69
27) T	cis-1,2-Dichlo...	0.682	0.673	0.700	0.626	0.695	0.661	0.673	4.03
28) T	Bromochloromet...	0.388	0.469	0.404	0.441	0.462	0.452	0.436	7.52
29) T	Tetrahydrofuran	0.178	0.183	0.198	0.171	0.184	0.180	0.182	5.00
30) C	Chloroform	1.147	1.143	1.208	1.046	1.127	1.067	1.123	5.22#
31) T	Cyclohexane		0.843	0.894	0.821	0.926	0.866	0.870	4.76
32) T	1,1,1-Trichlor...	1.049	1.041	1.085	0.973	1.055	1.007	1.035	3.83
33) S	1,2-Dichloroet...		0.725	0.709	0.682	0.690	0.698	0.701	2.40
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.338	0.345	0.330	0.346	0.348	0.341	2.17
36) T	1,1-Dichloropr...	0.562	0.475	0.491	0.433	0.490	0.460	0.485	8.96
37) T	Ethyl Acetate	0.459	0.396	0.396	0.368	0.410	0.384	0.402	7.71
38) T	Carbon Tetrach...	0.650	0.622	0.594	0.553	0.604	0.567	0.599	5.95
39) T	Methylcyclohexane	0.551	0.590	0.548	0.540	0.626	0.582	0.573	5.73
40) TM	Benzene	1.493	1.405	1.480	1.301	1.426	1.347	1.409	5.30
41) T	Methacrylonitrile	0.192	0.198	0.237	0.205	0.223	0.213	0.211	7.85
42) TM	1,2-Dichloroet...	0.529	0.499	0.566	0.500	0.528	0.496	0.520	5.23
43) T	Isopropyl Acetate	0.659	0.612	0.709	0.635	0.682	0.665	0.661	5.16
44) TM	Trichloroethene	0.400	0.366	0.373	0.348	0.380	0.363	0.372	4.73
45) C	1,2-Dichloropr...	0.309	0.337	0.362	0.321	0.347	0.333	0.335	5.54#
46) T	Dibromomethane	0.267	0.264	0.277	0.247	0.261	0.249	0.261	4.35
47) T	Bromodichlorom...	0.570	0.567	0.592	0.538	0.573	0.538	0.563	3.79
48) T	Methyl methacr...	0.332	0.300	0.356	0.322	0.350	0.340	0.333	6.07
49) T	1,4-Dioxane	0.003	0.004	0.005	0.004	0.005	0.005	0.004	12.99
50) S	Toluene-d8		1.221	1.185	1.185	1.195	1.195	1.196	1.22
51) T	4-Methyl-2-Pen...	0.366	0.374	0.422	0.377	0.384	0.362	0.381	5.71
52) CM	Toluene	0.881	0.925	0.944	0.861	0.910	0.849	0.895	4.15#
53) T	t-1,3-Dichloro...	0.477	0.526	0.582	0.545	0.574	0.553	0.543	7.02
54) T	cis-1,3-Dichlo...	0.582	0.556	0.604	0.572	0.615	0.585	0.586	3.67
55) T	1,1,2-Trichlor...	0.318	0.355	0.357	0.321	0.333	0.313	0.333	5.78
56) T	Ethyl methacry...	0.418	0.451	0.536	0.490	0.524	0.502	0.487	9.17

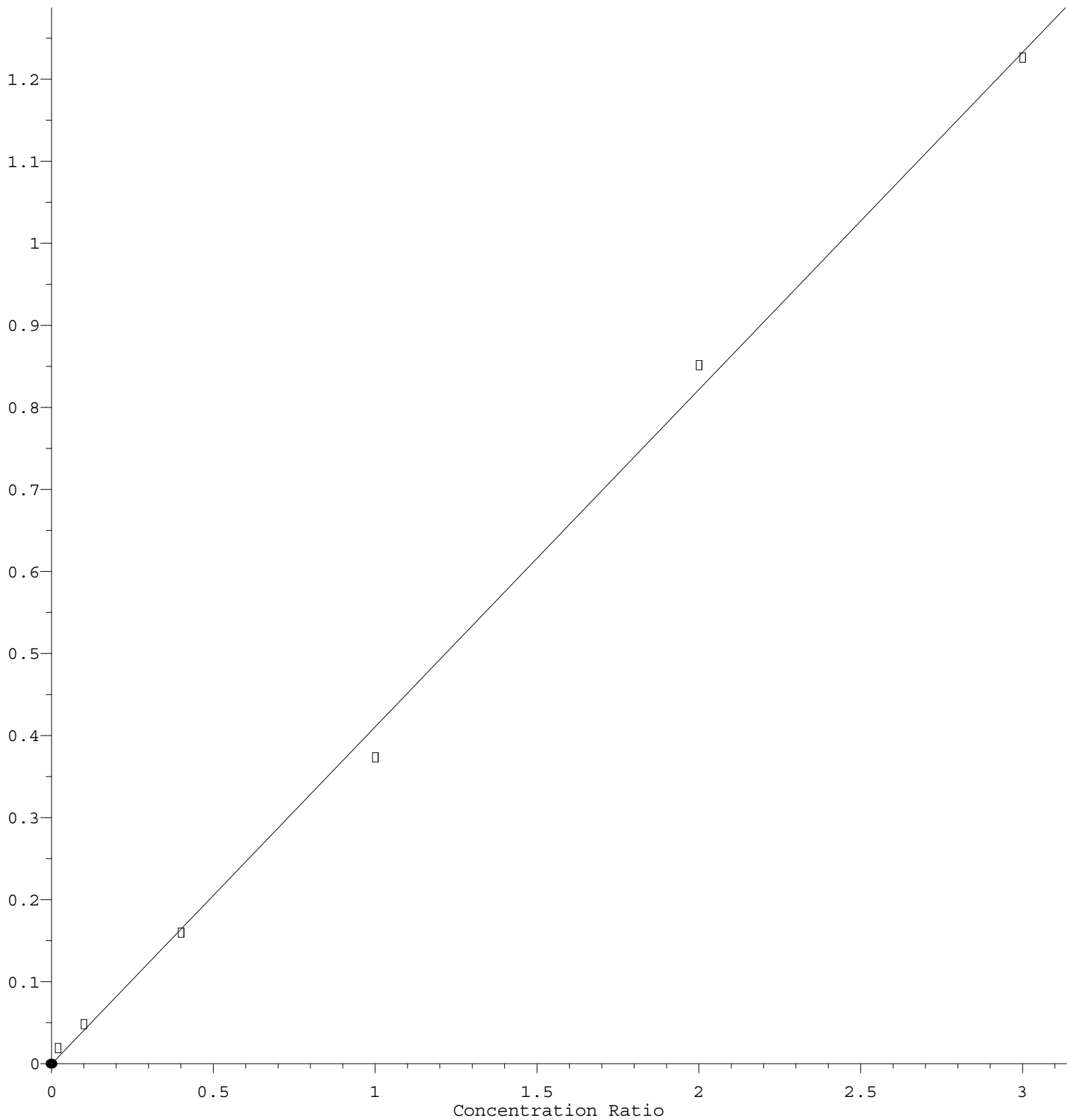
Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X102025W.M

57)	T	1,3-Dichloropr...	0.563	0.572	0.614	0.548	0.572	0.541	0.568	4.51
58)	T	2-Chloroethyl ...	0.154	0.182	0.269	0.260	0.269	0.260	0.232	21.93
59)	T	2-Hexanone	0.231	0.271	0.298	0.267	0.271	0.256	0.266	8.30
60)	T	Dibromochlorom...	0.482	0.441	0.476	0.425	0.442	0.418	0.447	5.89
61)	T	1,2-Dibromoethane	0.346	0.353	0.393	0.342	0.359	0.336	0.355	5.72
62)	S	4-Bromofluorob...	0.500	0.445	0.444	0.446	0.441	0.455		5.51
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.418	0.385	0.378	0.328	0.370	0.361	0.373	7.92
65)	PM	Chlorobenzene	1.149	1.145	1.159	1.045	1.148	1.102	1.125	3.89
66)	T	1,1,1,2-Tetrac...	0.422	0.405	0.423	0.390	0.430	0.409	0.413	3.53
67)	C	Ethyl Benzene	1.905	1.876	1.954	1.825	2.008	1.922	1.915	3.30#
68)	T	m/p-Xylenes	0.647	0.727	0.750	0.687	0.750	0.707	0.712	5.60
69)	T	o-Xylene	0.652	0.684	0.712	0.664	0.723	0.686	0.687	3.93
70)	T	Styrene	1.054	1.165	1.236	1.143	1.247	1.173	1.170	5.98
71)	P	Bromoform	0.338	0.325	0.350	0.308	0.335	0.326	0.330	4.27
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.618	3.579	3.656	3.430	3.875	3.754	3.652	4.17
74)	T	N-amyl acetate	1.229	1.150	1.339	1.248	1.415	1.392	1.295	7.97
75)	P	1,1,2,2-Tetrac...	0.988	0.974	1.065	0.946	1.018	0.992	0.997	4.08
76)	T	1,2,3-Trichlor...	0.929	0.767	0.822	0.735	0.810	0.802	0.811	8.14
77)	T	Bromobenzene	0.940	0.897	0.930	0.858	0.953	0.916	0.916	3.73
78)	T	n-propylbenzene	4.000	4.169	4.255	4.017	4.544	4.385	4.228	5.02
79)	T	2-Chlorotoluene	2.575	2.512	2.615	2.397	2.693	2.590	2.564	3.92
80)	T	1,3,5-Trimethy...	2.988	2.889	3.079	2.861	3.222	3.094	3.022	4.53
81)	T	trans-1,4-Dich...	0.287	0.330	0.316	0.366	0.368	0.333		10.35
82)	T	4-Chlorotoluene	3.097	2.958	3.119	2.883	3.143	3.059	3.043	3.34
83)	T	tert-Butylbenzene	3.128	3.047	3.086	2.915	3.282	3.173	3.105	3.98
84)	T	1,2,4-Trimethy...	2.791	2.991	3.077	2.864	3.247	3.126	3.016	5.61
85)	T	sec-Butylbenzene	3.789	3.690	3.683	3.476	3.969	3.809	3.736	4.39
86)	T	p-Isopropyltol...	3.342	3.222	3.159	2.986	3.399	3.265	3.229	4.53
87)	T	1,3-Dichlorobe...	1.863	1.750	1.742	1.550	1.747	1.707	1.726	5.86
88)	T	1,4-Dichlorobe...	2.143	1.772	1.803	1.577	1.724	1.710	1.788	10.65
89)	T	n-Butylbenzene	3.328	2.869	2.807	2.622	3.073	2.936	2.939	8.22
90)	T	Hexachloroethane	0.680	0.647	0.621	0.569	0.664	0.645	0.638	6.11
91)	T	1,2-Dichlorobe...	1.803	1.590	1.631	1.494	1.619	1.588	1.621	6.25
92)	T	1,2-Dibromo-3-...	0.167	0.187	0.219	0.195	0.224	0.223	0.202	11.51
93)	T	1,2,4-Trichlor...	1.441	0.994	0.975	0.959	1.114	1.094	1.096	16.47
94)	T	Hexachlorobuta...	0.953	0.482	0.399	0.373	0.426	0.409	0.507	43.70
95)	T	Naphthalene	2.942	2.473	2.880	2.776	3.171	3.181	2.904	9.14
96)	T	1,2,3-Trichlor...	1.154	0.947	0.942	0.909	1.050	1.033	1.006	9.04

(#) = Out of Range

Hexachlorobutadiene

Response Ratio



$$\text{Response} = 4.113\text{e-}001 * \text{Amt} - 5.482\text{e-}004$$

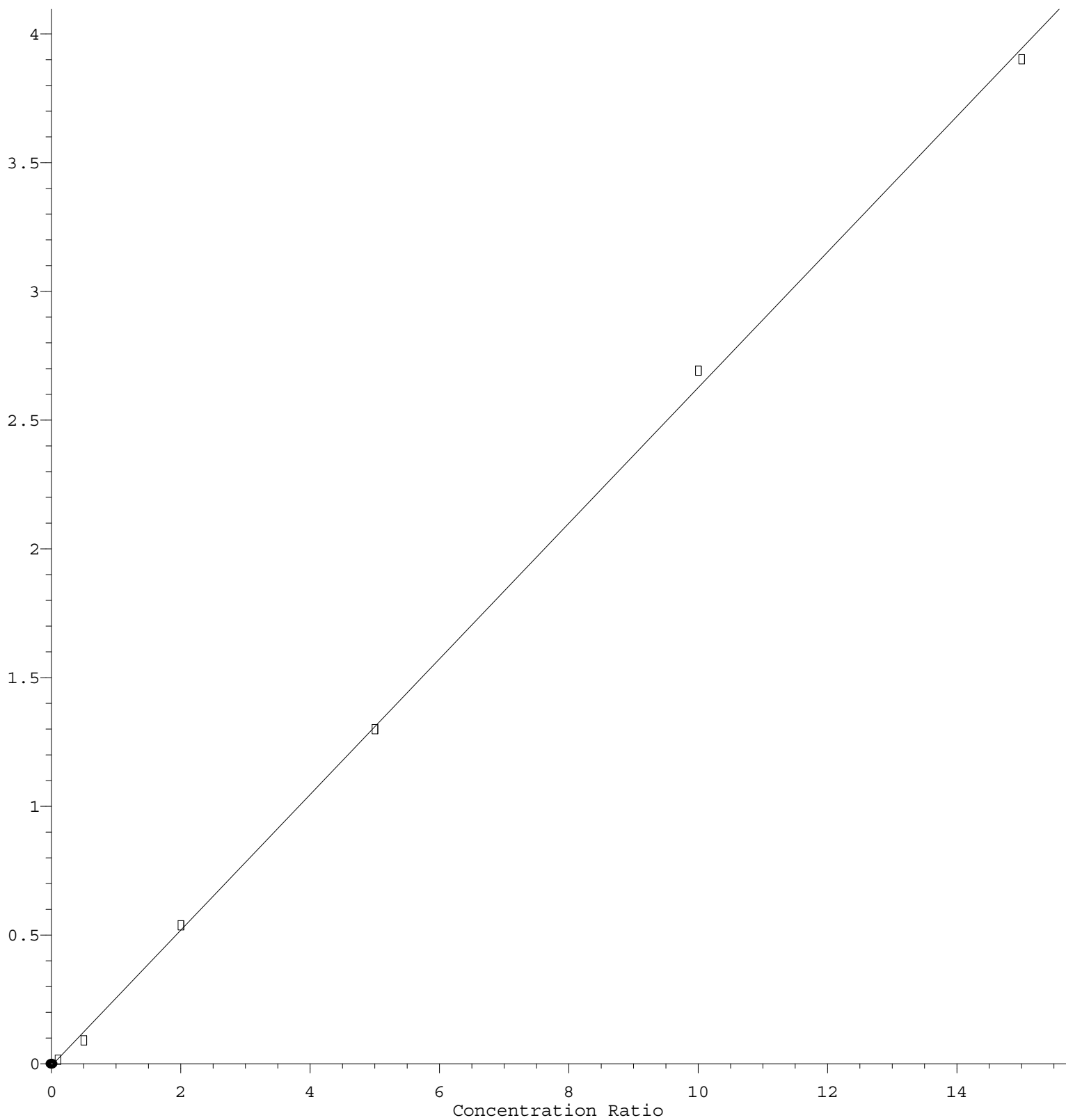
Coef of Det (r^2) = 0.997907 Curve Fit: Linear

Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X102025W.M

Calibration Table Last Updated: Mon Oct 20 14:13:59 2025

2-Chloroethyl Vinyl ether

Response Ratio



Response = $2.635 \times 10^{-1} \times \text{Amt} - 8.946 \times 10^{-3}$
Coef of Det (r^2) = 0.999382 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X102025W.M
Calibration Table Last Updated: Mon Oct 20 14:13:59 2025

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
 Data File : VX048229.D
 Acq On : 20 Oct 2025 10:59
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/21/2025
 Supervised By : Semsettin Yesilyurt 10/21/2025

Quant Time: Oct 20 12:42:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 12:35:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	117157	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	193186	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	177252	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	86943	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	78 - 117	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	92 - 112	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.173	85	1223	0.995	ug/l	82
3) Chloromethane	1.301	50	1186	0.796	ug/l #	62
4) Vinyl Chloride	1.380	62	1048	0.668	ug/l	92
6) Chloroethane	1.697	64	545	0.546	ug/l	91
7) Trichlorofluoromethane	1.898	101	1819	0.738	ug/l	98
8) Diethyl Ether	2.142	74	542	0.645	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.337	101	1199	0.864	ug/l	89
12) 1,1-Dichloroethene	2.325	96	1207	0.889	ug/l	88
14) Allyl chloride	2.666	41	2101	0.860	ug/l	96
15) Acrylonitrile	3.069	53	2984	5.171	ug/l	97
16) Acetone	2.380	43	3519	5.684	ug/l	98
17) Carbon Disulfide	2.520	76	4767	1.141	ug/l #	92
18) Methyl Acetate	2.703	43	1204	0.955	ug/l #	85
19) Methyl tert-butyl Ether	3.111	73	4437	1.085	ug/l	100
20) Methylene Chloride	2.794	84	1301	0.863	ug/l #	76
21) trans-1,2-Dichloroethene	3.099	96	1376	0.980	ug/l	96
22) Diisopropyl ether	3.745	45	3977	0.832	ug/l #	26
23) Vinyl Acetate	3.727	43	14769	4.131	ug/l	95
24) 1,1-Dichloroethane	3.611	63	2615	0.964	ug/l	97
25) 2-Butanone	4.574	43	3638	5.043	ug/l	98
26) 2,2-Dichloropropane	4.465	77	2347	1.012	ug/l	84
27) cis-1,2-Dichloroethene	4.489	96	1598	0.959	ug/l	94
28) Bromochloromethane	4.879	49	908	0.726	ug/l #	69
29) Tetrahydrofuran	5.007	42	2088	4.929	ug/l #	73
30) Chloroform	5.093	83	2688	0.941	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	2459	1.048	ug/l #	50
36) 1,1-Dichloropropene	5.696	75	2173	1.151	ug/l #	62
37) Ethyl Acetate	4.727	43	1772m	1.174	ug/l	
38) Carbon Tetrachloride	5.672	117	2513m	1.159	ug/l	
39) Methylcyclohexane	7.373	83	2128	0.999	ug/l	94
40) Benzene	6.032	78	5767	1.028	ug/l #	89
41) Methacrylonitrile	4.916	41	741m	0.917	ug/l	
42) 1,2-Dichloroethane	6.080	62	2044	1.017	ug/l	87
43) Isopropyl Acetate	6.336	43	2548	1.006	ug/l #	85
44) Trichloroethene	7.117	130	1547	1.094	ug/l	83
45) 1,2-Dichloropropane	7.422	63	1195	0.842	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
 Data File : VX048229.D
 Acq On : 20 Oct 2025 10:59
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/21/2025
 Supervised By : Semsettin Yesilyurt 10/21/2025

Quant Time: Oct 20 12:42:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 12:35:14 2025
 Response via : Initial Calibration

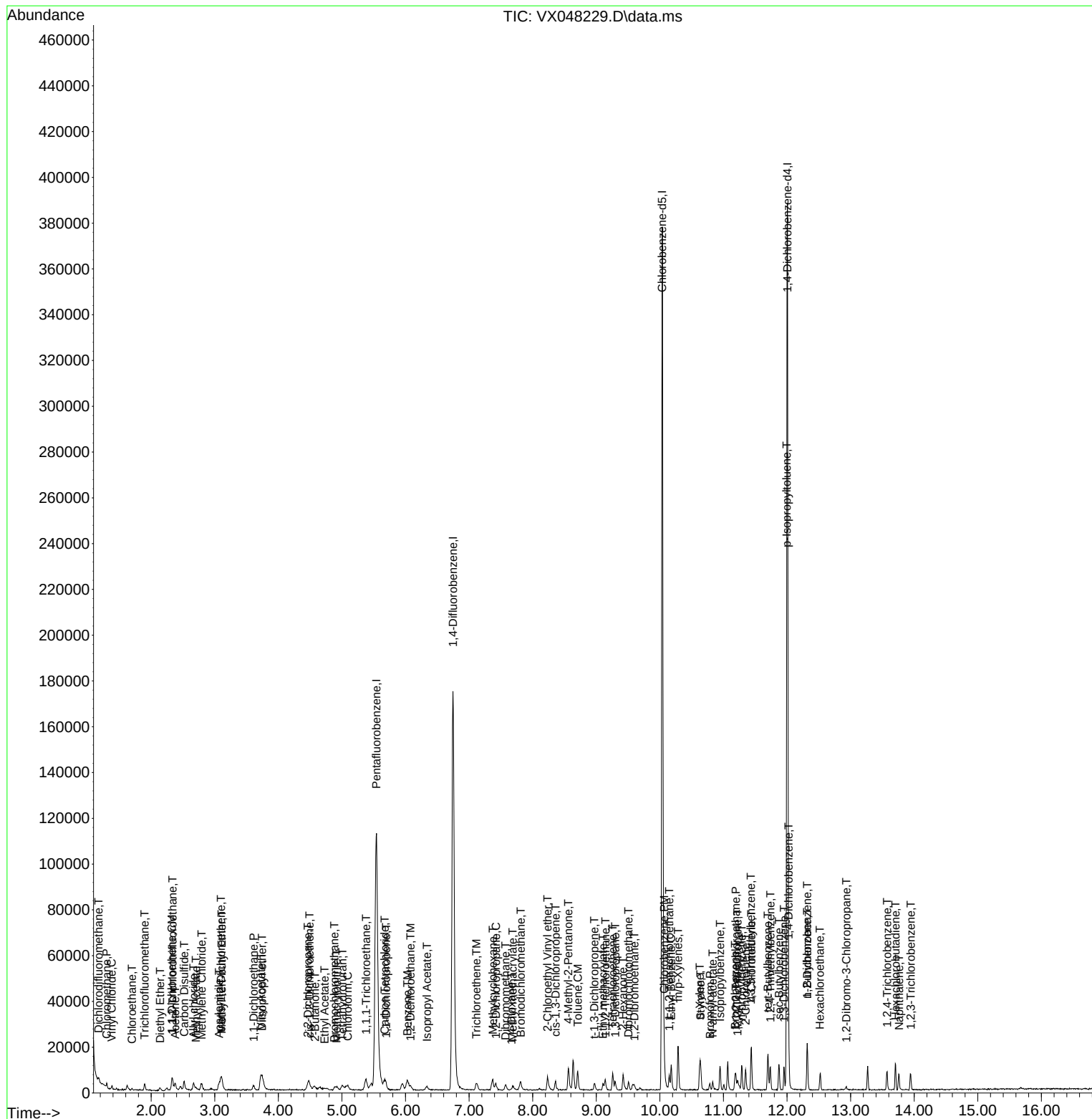
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.574	93	1032	1.011	ug/l	95
47) Bromodichloromethane	7.812	83	2204	0.999	ug/l #	79
48) Methyl methacrylate	7.684	41	1283	0.989	ug/l	95
49) 1,4-Dioxane	7.665	88	255	21.840	ug/l #	34
51) 4-Methyl-2-Pentanone	8.562	43	7066	5.011	ug/l	91
52) Toluene	8.708	92	3403	1.010	ug/l	95
53) t-1,3-Dichloropropene	8.970	75	1844	0.892	ug/l #	74
54) cis-1,3-Dichloropropene	8.360	75	2250	0.998	ug/l	90
55) 1,1,2-Trichloroethane	9.147	97	1229	0.977	ug/l #	85
56) Ethyl methacrylate	9.104	69	1616	0.945	ug/l	96
57) 1,3-Dichloropropane	9.299	76	2174	0.989	ug/l	93
58) 2-Chloroethyl Vinyl ether	8.232	63	2970	3.381	ug/l	100
59) 2-Hexanone	9.421	43	4456	4.518	ug/l	92
60) Dibromochloromethane	9.507	129	1862	1.183	ug/l	95
61) 1,2-Dibromoethane	9.598	107	1338	1.037	ug/l	98
64) Tetrachloroethene	9.257	164	1482	1.192	ug/l	92
65) Chlorobenzene	10.067	112	4073	1.051	ug/l	90
66) 1,1,1,2-Tetrachloroethane	10.147	131	1495	1.070	ug/l #	66
67) Ethyl Benzene	10.177	91	6752	1.016	ug/l	97
68) m/p-Xylenes	10.287	106	4589	1.854	ug/l	90
69) o-Xylene	10.628	106	2313	0.993	ug/l	99
70) Styrene	10.640	104	3737	0.932	ug/l	96
71) Bromoform	10.787	173	1198	1.168	ug/l #	99
73) Isopropylbenzene	10.945	105	6291	1.040	ug/l	93
74) N-amyl acetate	10.829	43	2137	0.947	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.195	83	1718	1.003	ug/l	90
76) 1,2,3-Trichloropropane	11.220	75	1615m	1.216	ug/l	
77) Bromobenzene	11.183	156	1635	1.080	ug/l	91
78) n-propylbenzene	11.287	91	6956	0.949	ug/l	94
79) 2-Chlorotoluene	11.348	91	4477	1.010	ug/l	97
80) 1,3,5-Trimethylbenzene	11.433	105	5196	1.047	ug/l	97
82) 4-Chlorotoluene	11.439	91	5385	1.034	ug/l	99
83) tert-Butylbenzene	11.695	119	5439	1.085	ug/l	91
84) 1,2,4-Trimethylbenzene	11.738	105	4854	0.982	ug/l	99
85) sec-Butylbenzene	11.872	105	6589	1.075	ug/l	99
86) p-Isopropyltoluene	11.994	119	5812	1.125	ug/l	91
87) 1,3-Dichlorobenzene	11.951	146	3239	1.145	ug/l	96
88) 1,4-Dichlorobenzene	12.024	146	3727m	1.270	ug/l	
89) n-Butylbenzene	12.317	91	5787	1.202	ug/l	98
90) Hexachloroethane	12.518	117	1182	1.084	ug/l	77
91) 1,2-Dichlorobenzene	12.317	146	3135	1.172	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.933	75	290	0.926	ug/l	79
93) 1,2,4-Trichlorobenzene	13.573	180	2505	1.587	ug/l	90
94) Hexachlorobutadiene	13.707	225	1658	2.724	ug/l	97
95) Naphthalene	13.762	128	5116	1.230	ug/l	98
96) 1,2,3-Trichlorobenzene	13.945	180	2006	1.377	ug/l	100

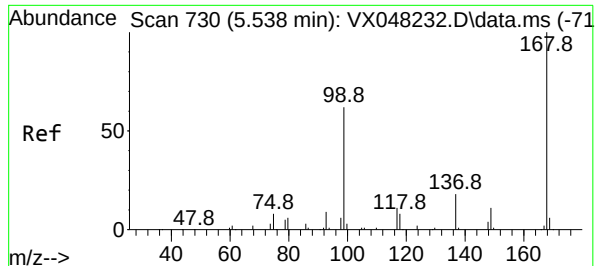
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

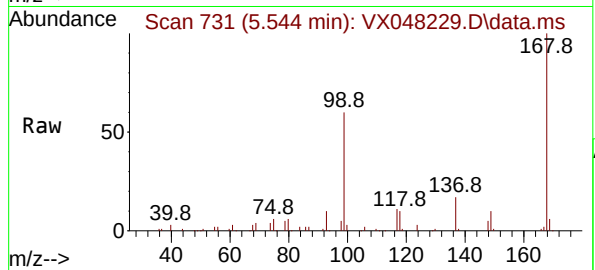
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

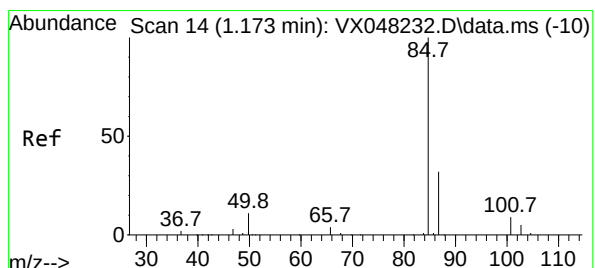
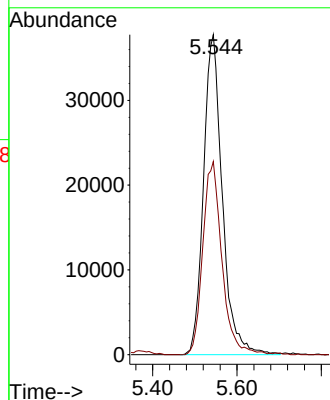
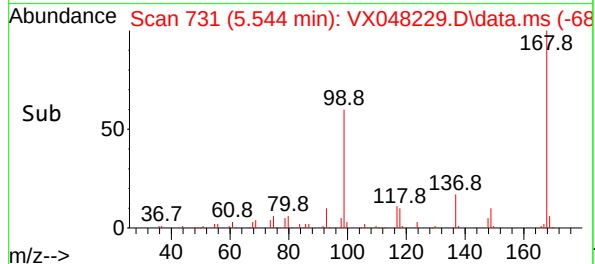
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion:168 Resp: 11715
Ion Ratio Lower Upper
168 100
99 60.3 46.4 69.6

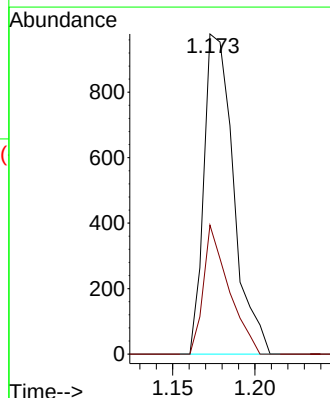
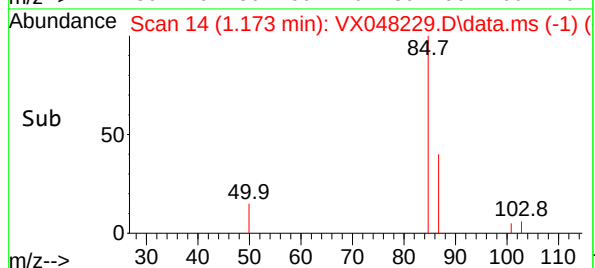
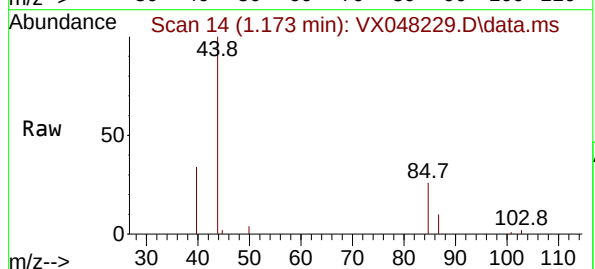
Manual Integrations
APPROVED

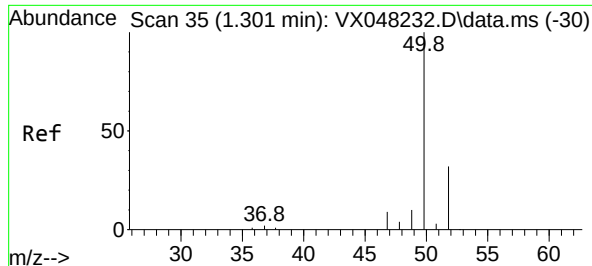
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#2
Dichlorodifluoromethane
Concen: 0.995 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

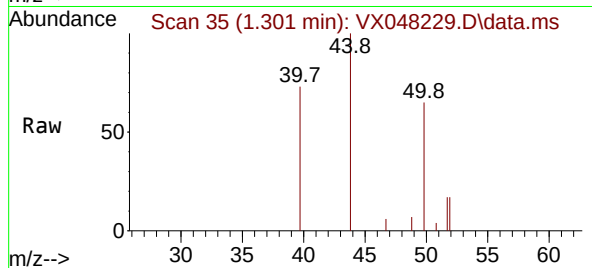
Tgt Ion: 85 Resp: 1223
Ion Ratio Lower Upper
85 100
87 40.3 15.3 45.9





#3
Chloromethane
Concen: 0.796 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

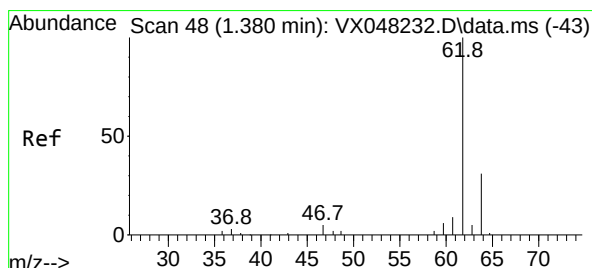
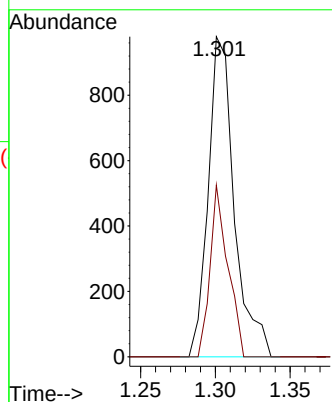
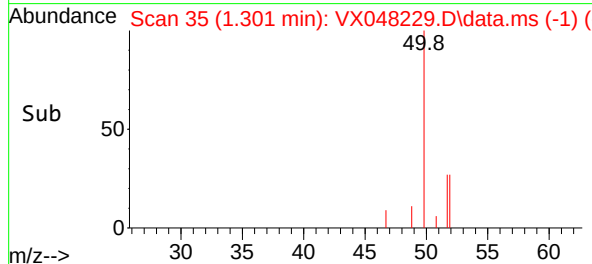
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion: 50 Resp: 1180
Ion Ratio Lower Upper
50 100
52 53.6 25.9 38.9

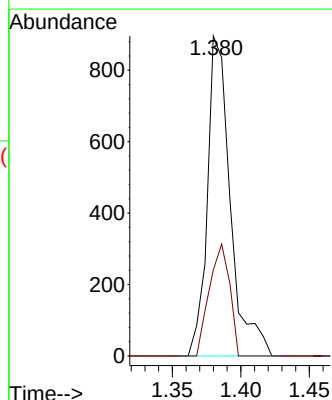
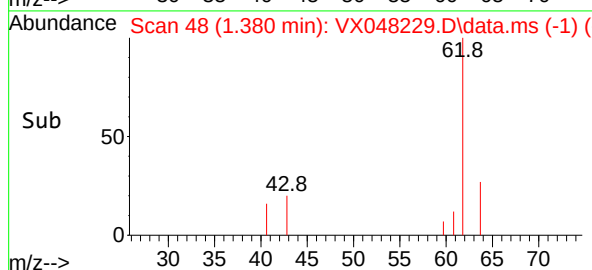
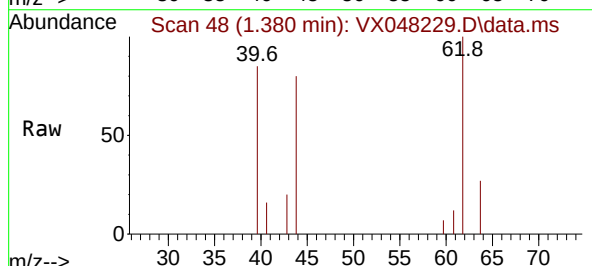
Manual Integrations
APPROVED

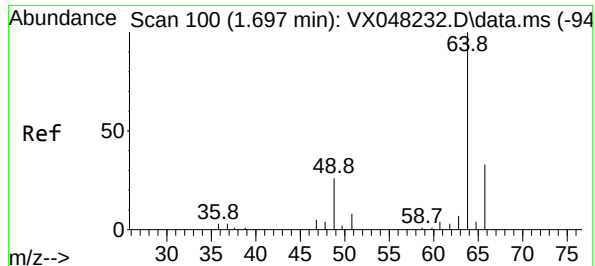
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#4
Vinyl Chloride
Concen: 0.668 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

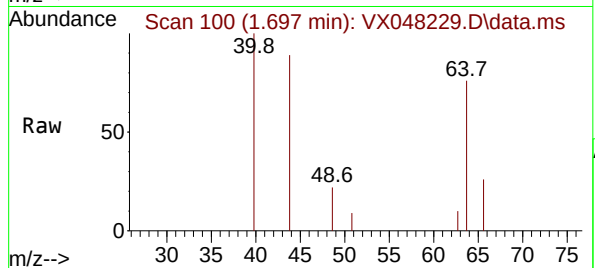
Tgt Ion: 62 Resp: 1048
Ion Ratio Lower Upper
62 100
64 26.9 25.1 37.7





#6
Chloroethane
Concen: 0.546 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

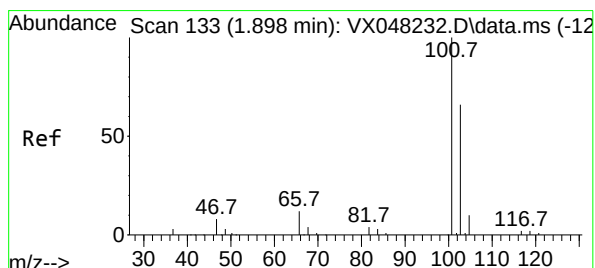
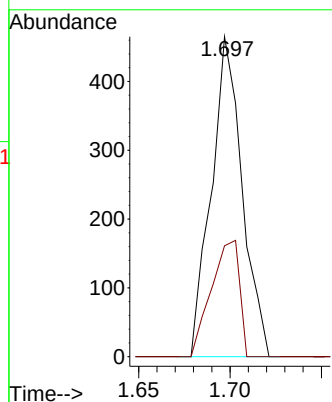
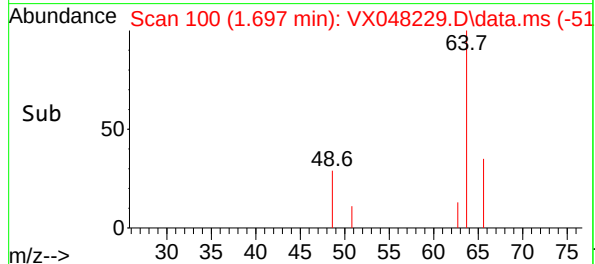
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion: 64 Resp: 549
Ion Ratio Lower Upper
64 100
66 34.6 23.9 35.9

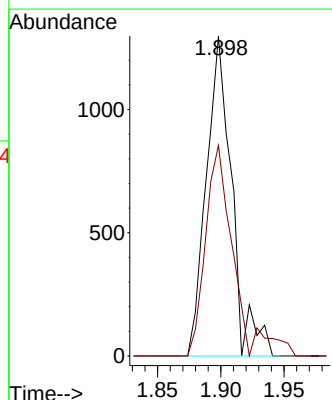
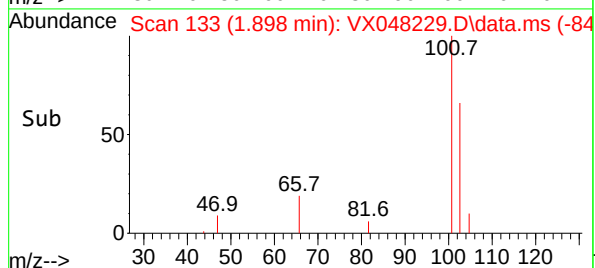
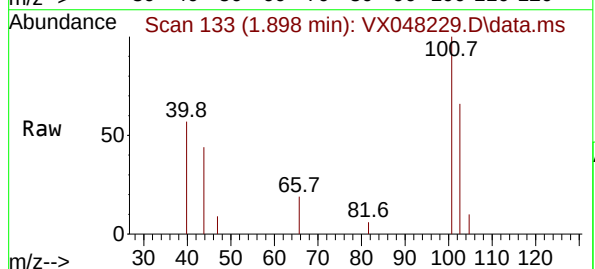
Manual Integrations
APPROVED

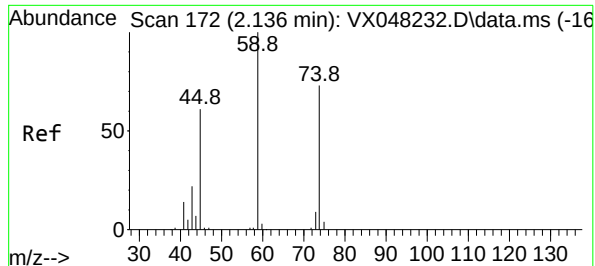
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#7
Trichlorofluoromethane
Concen: 0.738 ug/l
RT: 1.898 min Scan# 133
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:101 Resp: 1819
Ion Ratio Lower Upper
101 100
103 65.8 51.6 77.4





#8

Diethyl Ether

Concen: 0.645 ug/l

RT: 2.142 min Scan# 173

Delta R.T. 0.006 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 74 Resp: 542

Ion Ratio Lower Upper

74 100

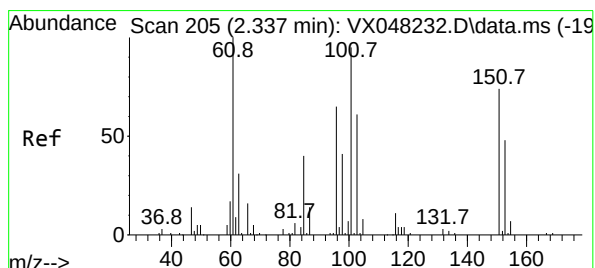
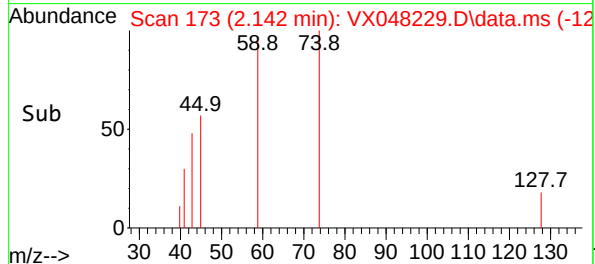
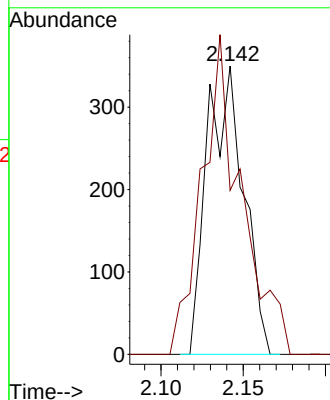
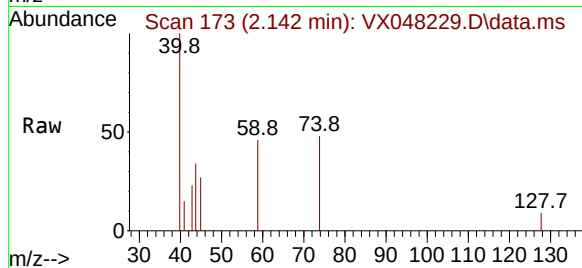
45 118.5 50.0 149.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.864 ug/l

RT: 2.337 min Scan# 205

Delta R.T. 0.000 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

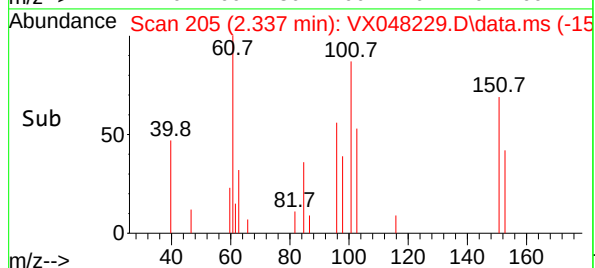
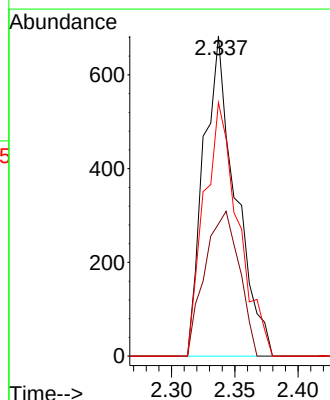
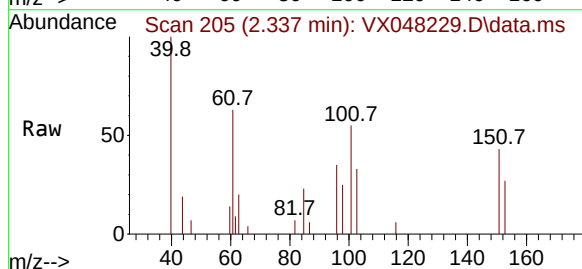
Tgt Ion:101 Resp: 1199

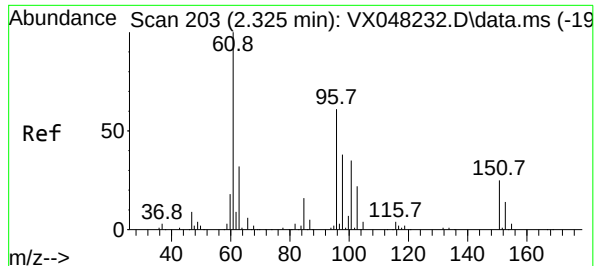
Ion Ratio Lower Upper

101 100

85 48.9 35.6 53.4

151 84.2 58.0 87.0





#12

1,1-Dichloroethene

Concen: 0.889 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.000 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 96 Resp: 120

Ion Ratio Lower Upper

96 100

61 154.1 139.0 208.6

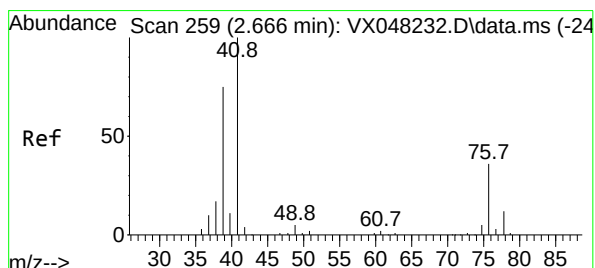
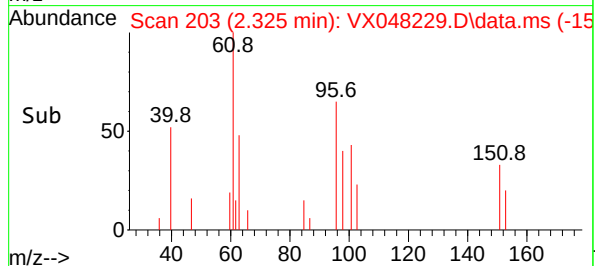
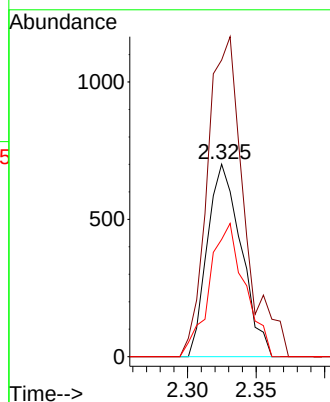
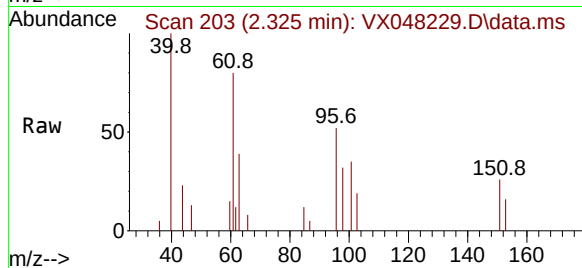
98 60.9 52.4 78.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#14

Allyl chloride

Concen: 0.860 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

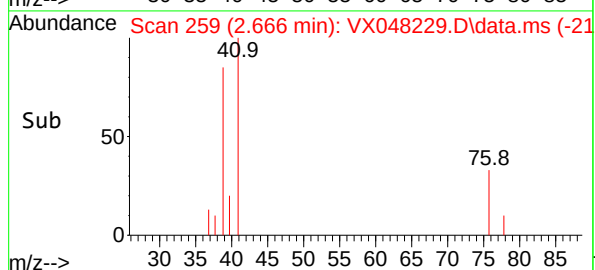
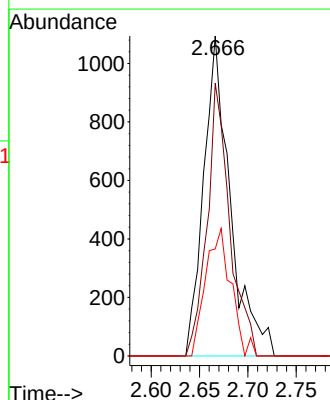
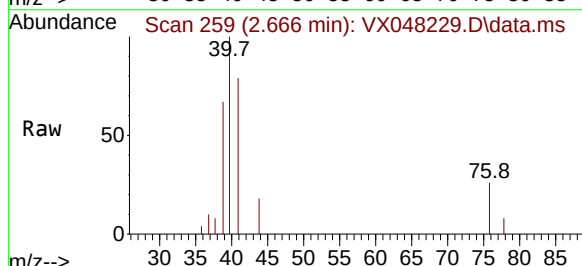
Tgt Ion: 41 Resp: 2101

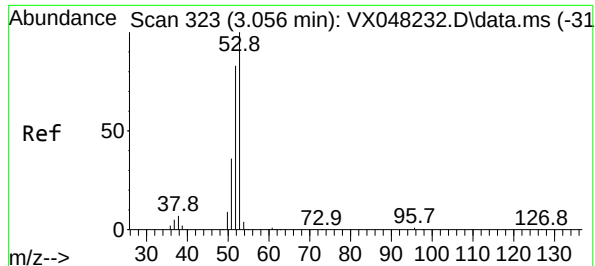
Ion Ratio Lower Upper

41 100

39 72.1 56.0 84.0

76 37.8 27.5 41.3





#15

Acrylonitrile

Concen: 5.171 ug/l

RT: 3.069 min Scan# 31

Delta R.T. 0.012 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

Instrument :

MSVOA_X

ClientSampleId :

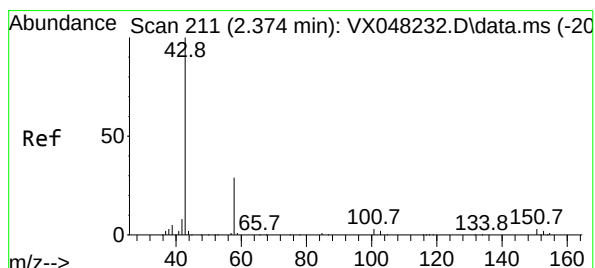
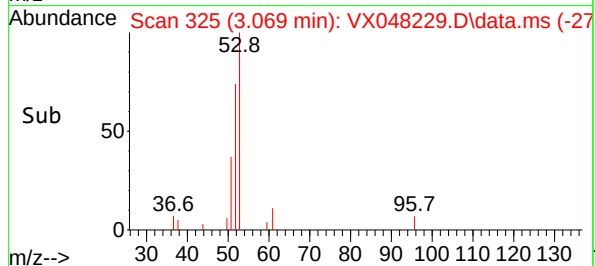
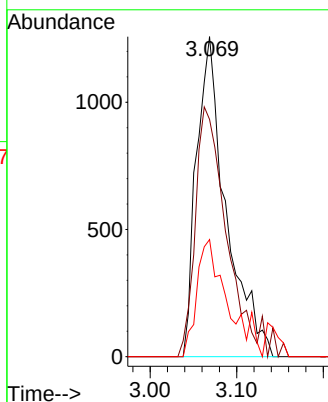
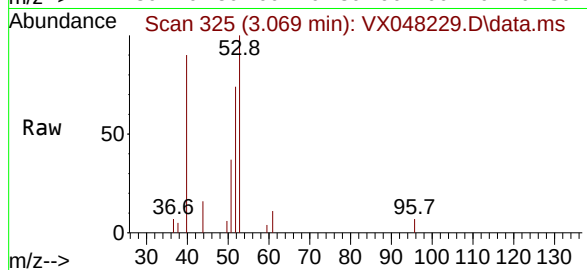
VSTDICC001

Tgt Ion:	53	Resp:	2984
Ion	Ratio	Lower	Upper
53	100		
52	80.3	66.1	99.1
51	37.8	29.0	43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#16

Acetone

Concen: 5.684 ug/l

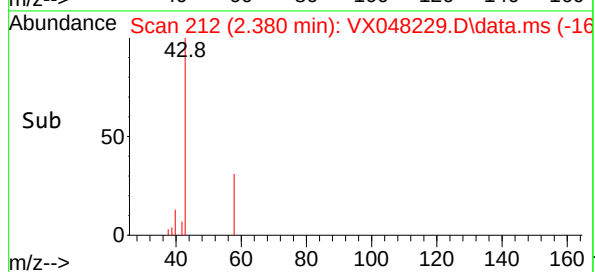
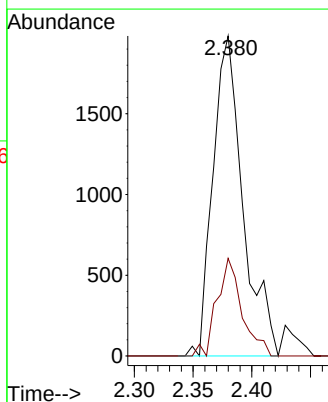
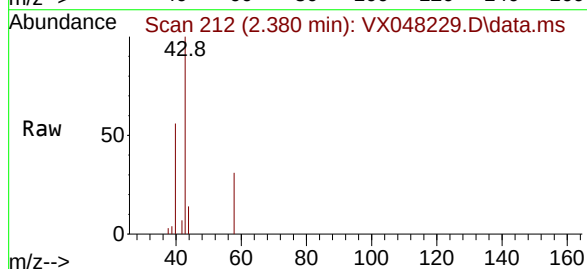
RT: 2.380 min Scan# 212

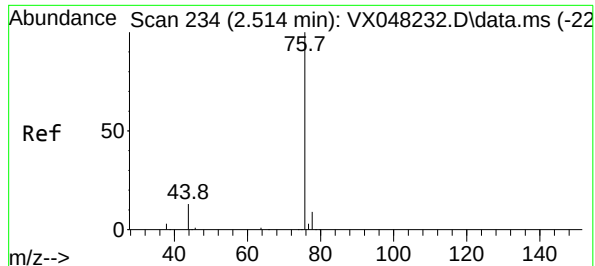
Delta R.T. 0.006 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

Tgt Ion:	43	Resp:	3519
Ion	Ratio	Lower	Upper
43	100		
58	30.5	23.4	35.2





#17

Carbon Disulfide

Concen: 1.141 ug/l

RT: 2.520 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 76 Resp: 476

Ion Ratio Lower Upper

76 100

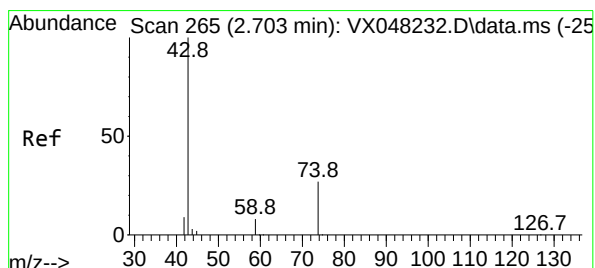
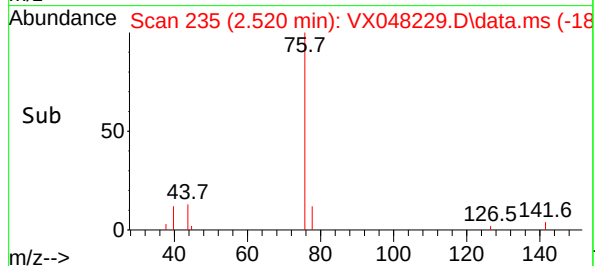
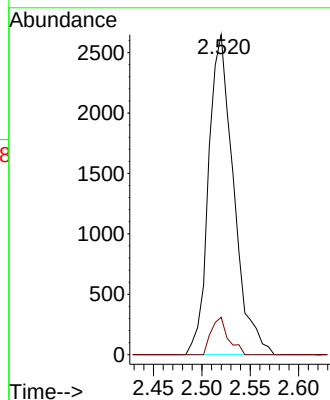
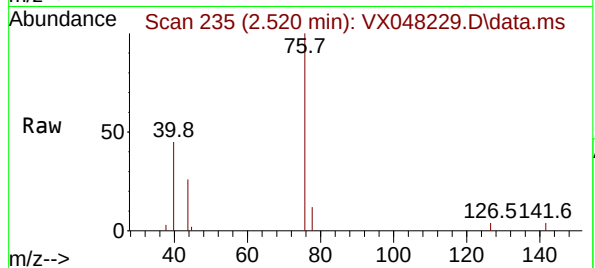
78 11.7 7.1 10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#18

Methyl Acetate

Concen: 0.955 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.006 min

Lab File: VX048229.D

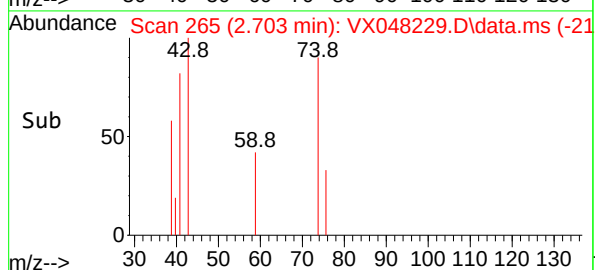
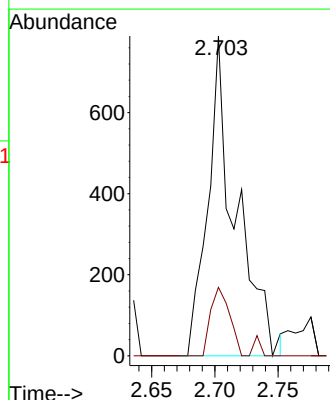
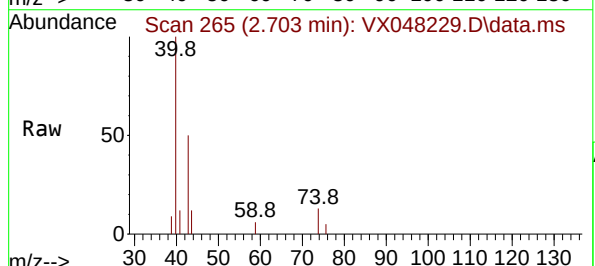
Acq: 20 Oct 2025 10:59

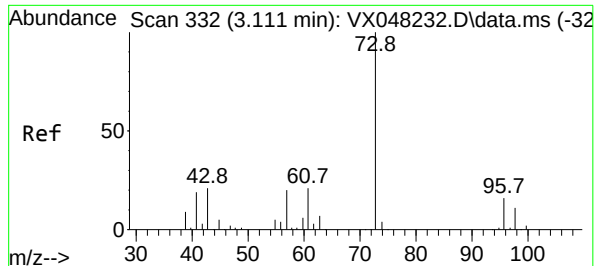
Tgt Ion: 43 Resp: 1204

Ion Ratio Lower Upper

43 100

74 14.6 17.5 26.3





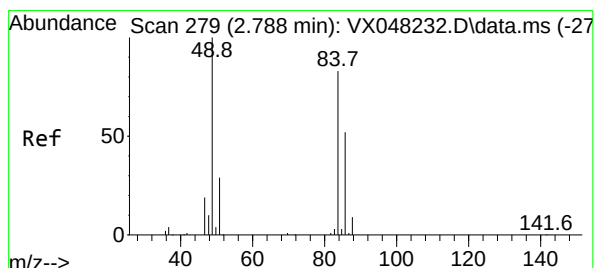
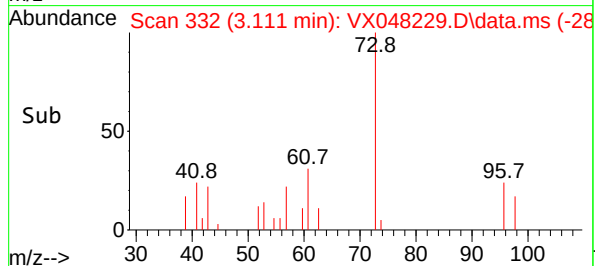
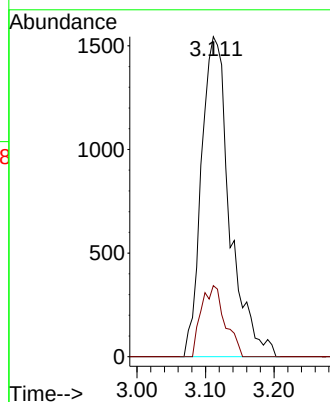
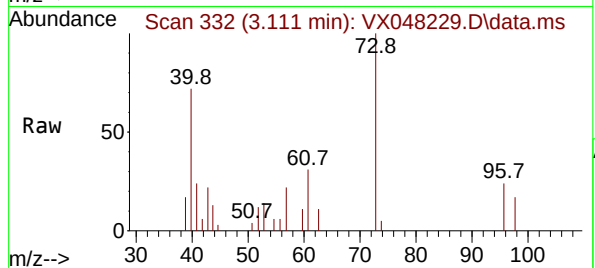
#19
Methyl tert-butyl Ether
Concen: 1.085 ug/l
RT: 3.111 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 73 Resp: 443
Ion Ratio Lower Upper
73 100
57 22.2 17.7 26.5

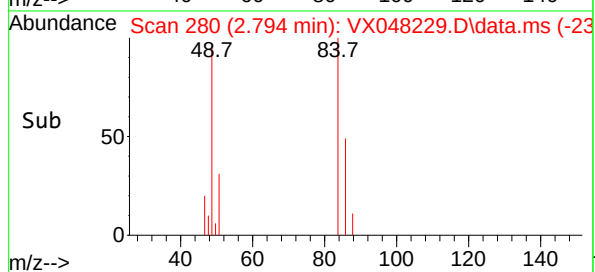
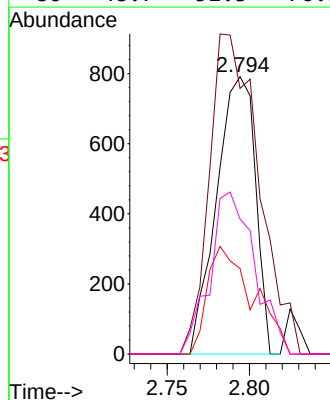
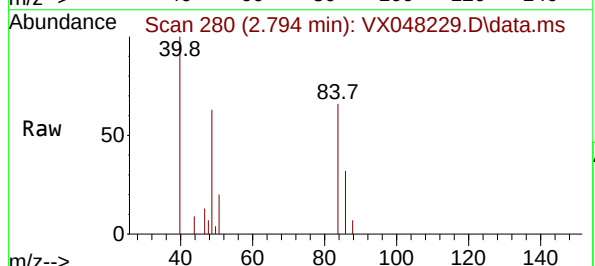
Manual Integrations
APPROVED

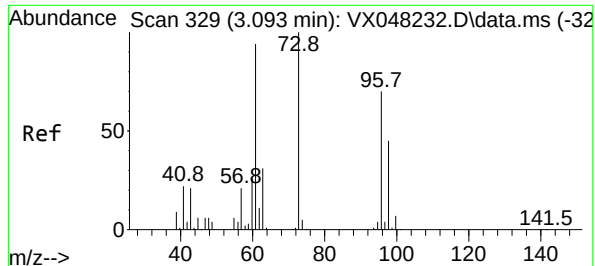
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#20
Methylene Chloride
Concen: 0.863 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 84 Resp: 1301
Ion Ratio Lower Upper
84 100
49 95.8 104.1 156.1#
51 30.8 31.3 46.9#
86 48.7 51.3 76.9#





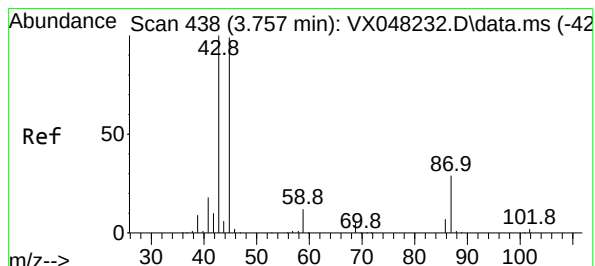
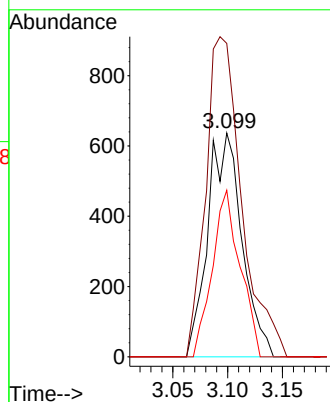
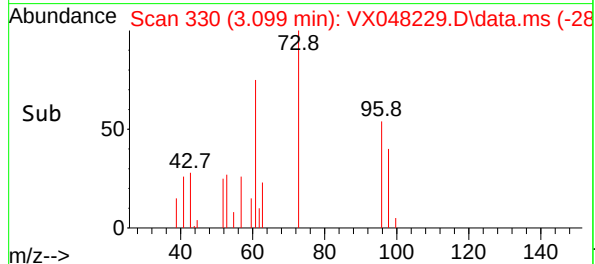
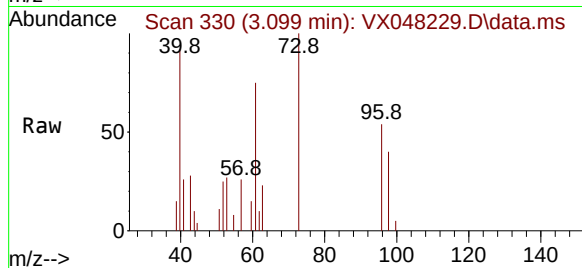
#21
trans-1,2-Dichloroethene
Concen: 0.980 ug/l
RT: 3.099 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 96 Resp: 1370
Ion Ratio Lower Upper
96 100
61 140.0 111.9 167.9
98 74.4 51.2 76.8

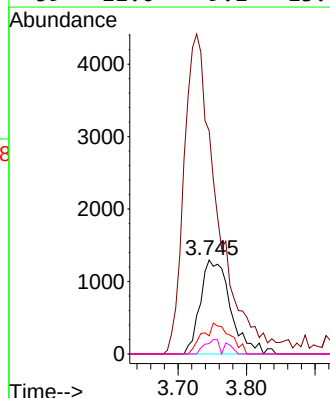
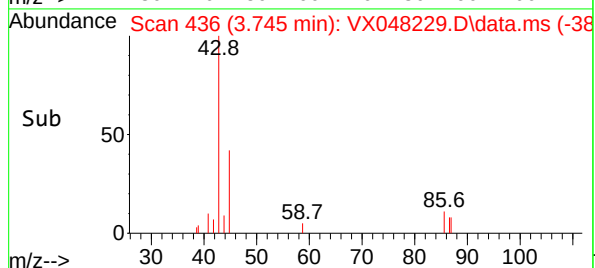
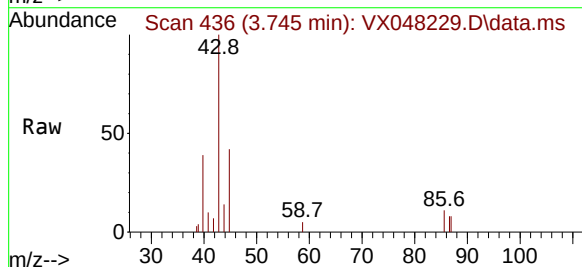
Manual Integrations
APPROVED

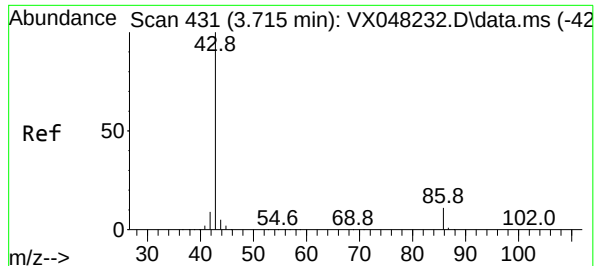
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#22
Diisopropyl ether
Concen: 0.832 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 45 Resp: 3977
Ion Ratio Lower Upper
45 100
43 213.9 89.8 134.8#
87 19.2 20.6 31.0#
59 11.0 9.1 13.7





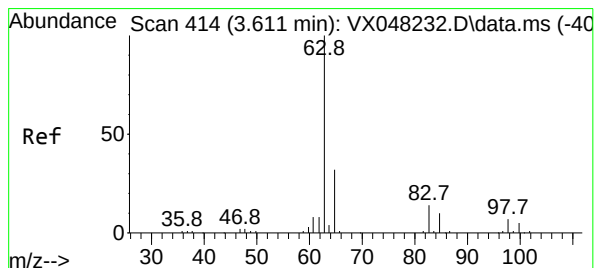
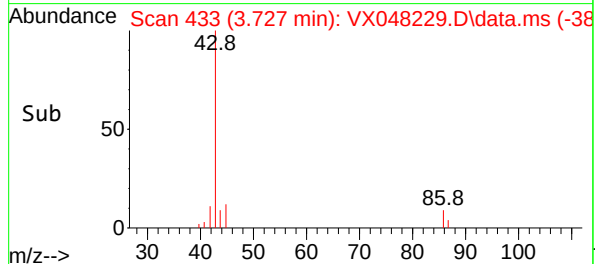
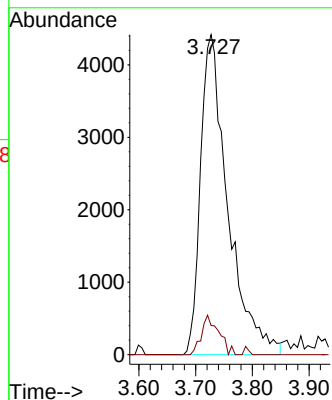
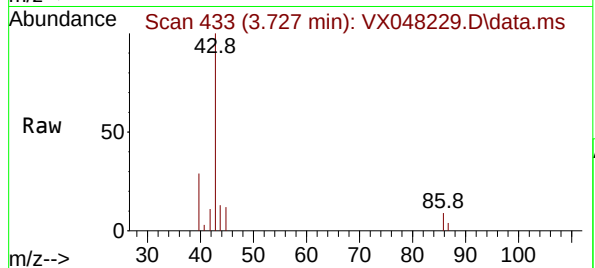
#23
Vinyl Acetate
Concen: 4.131 ug/l
RT: 3.727 min Scan# 411
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 14769
Ion Ratio Lower Upper
43 100
86 11.8 7.9 11.9

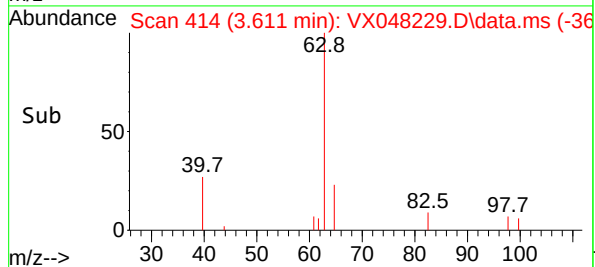
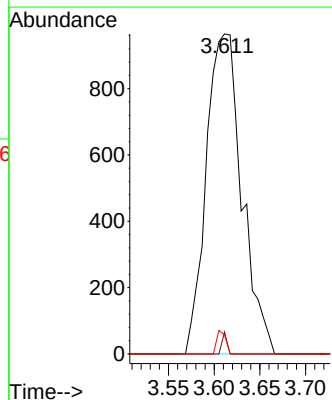
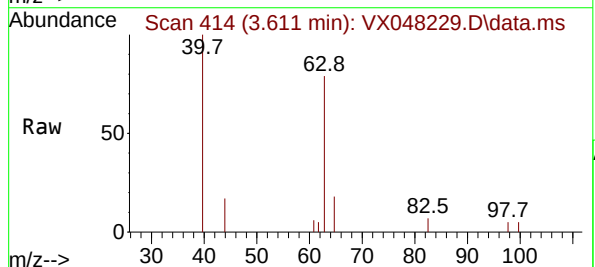
Manual Integrations
APPROVED

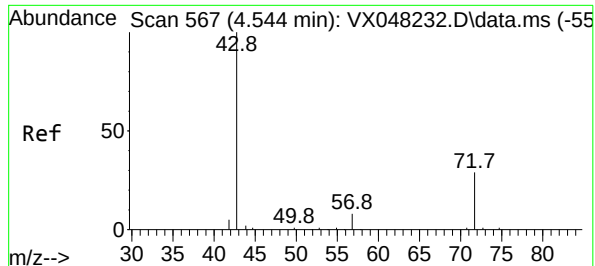
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#24
1,1-Dichloroethane
Concen: 0.964 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 63 Resp: 2615
Ion Ratio Lower Upper
63 100
98 6.8 3.5 10.6
100 6.0 2.1 6.3





#25

2-Butanone

Concen: 5.043 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.037 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 43 Resp: 3638

Ion Ratio Lower Upper

43 100

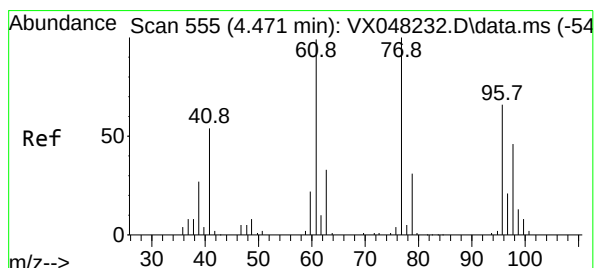
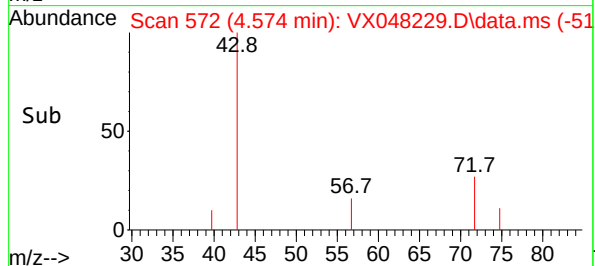
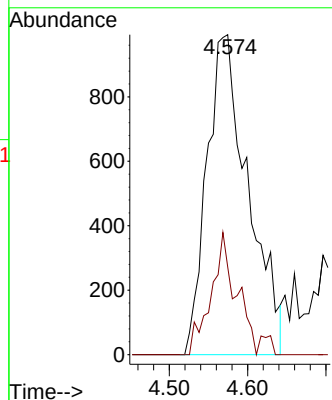
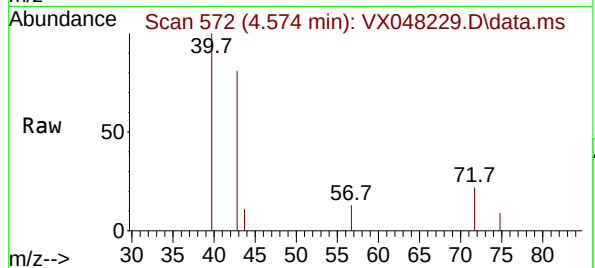
72 24.0 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#26

2,2-Dichloropropane

Concen: 1.012 ug/l

RT: 4.465 min Scan# 554

Delta R.T. 0.000 min

Lab File: VX048229.D

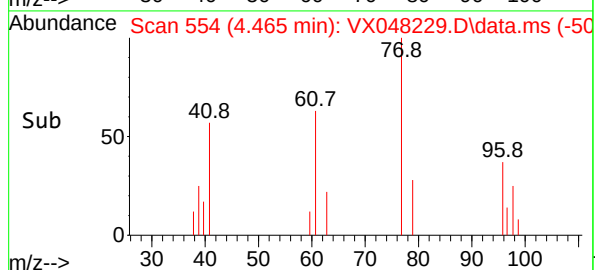
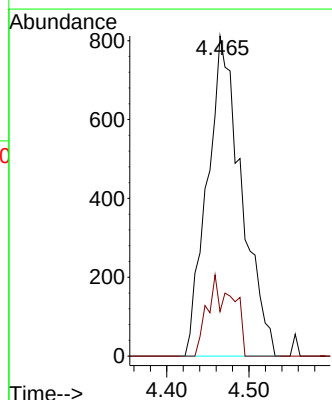
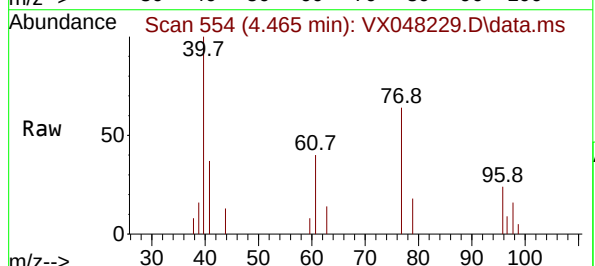
Acq: 20 Oct 2025 10:59

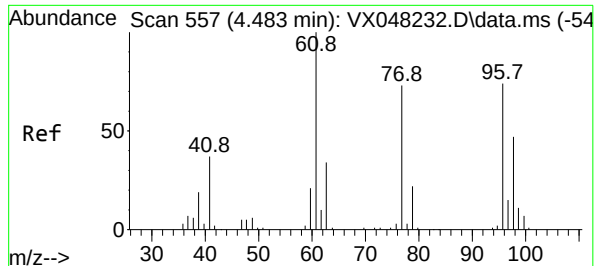
Tgt Ion: 77 Resp: 2347

Ion Ratio Lower Upper

77 100

97 14.3 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 0.959 ug/l

RT: 4.489 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

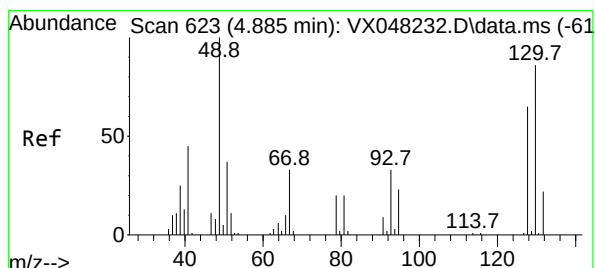
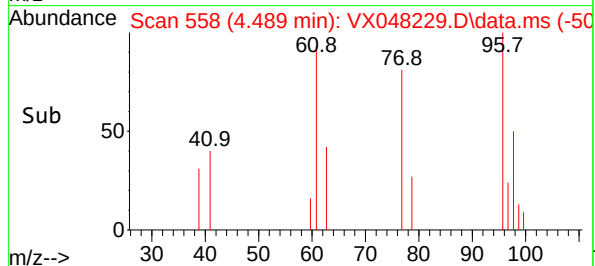
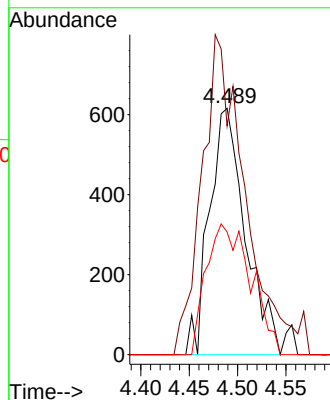
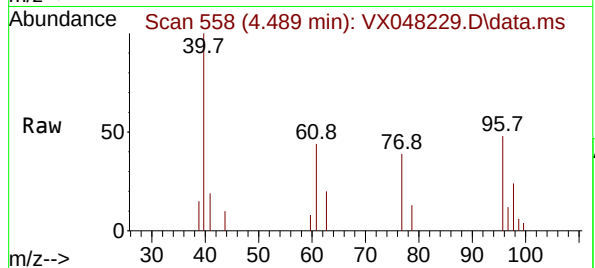
Tgt Ion:	96	Resp:	1598
Ion	Ratio	Lower	Upper
96	100		
61	156.9	0.0	294.2
98	65.8	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#28

Bromochloromethane

Concen: 0.726 ug/l

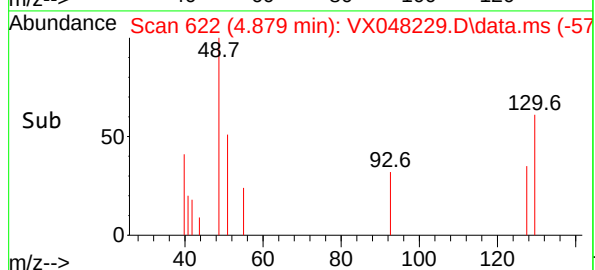
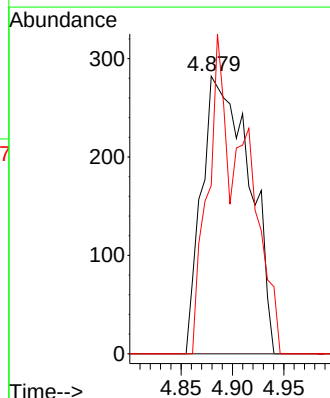
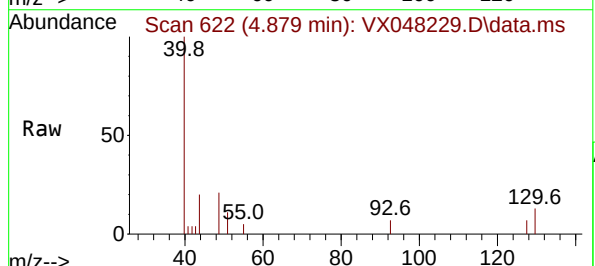
RT: 4.879 min Scan# 622

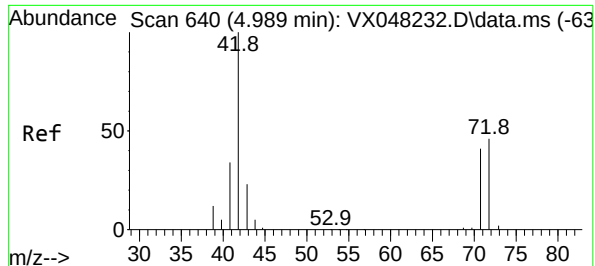
Delta R.T. -0.006 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

Tgt Ion:	49	Resp:	908
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.4
130	47.0	59.3	88.9#





#29

Tetrahydrofuran

Concen: 4.929 ug/l

RT: 5.007 min Scan# 64

Delta R.T. 0.018 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

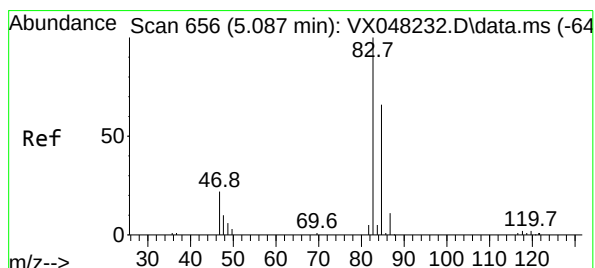
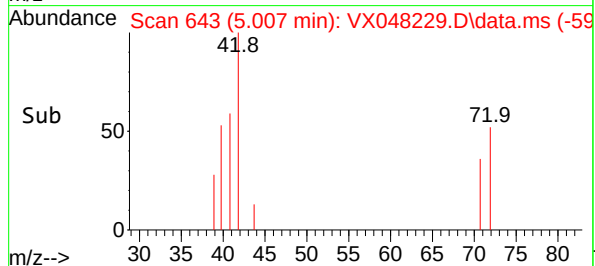
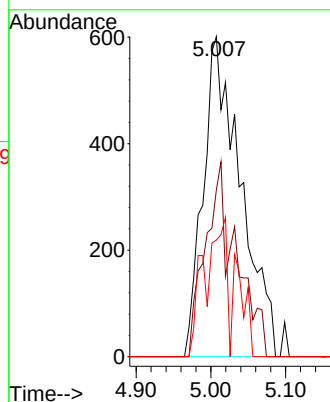
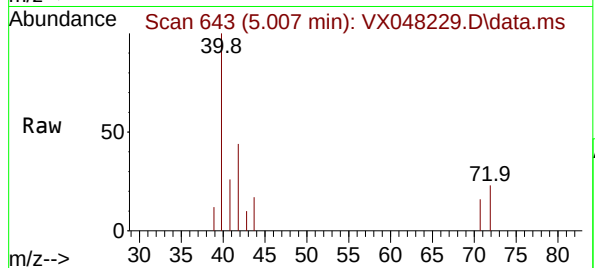
Tgt Ion:	42	Resp:	2088
Ion	Ratio	Lower	Upper
42	100		
72	34.1	35.3	52.9
71	16.2	32.2	48.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#30

Chloroform

Concen: 0.941 ug/l

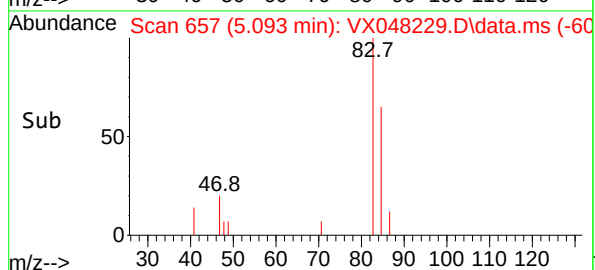
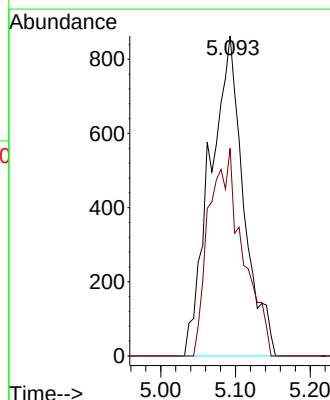
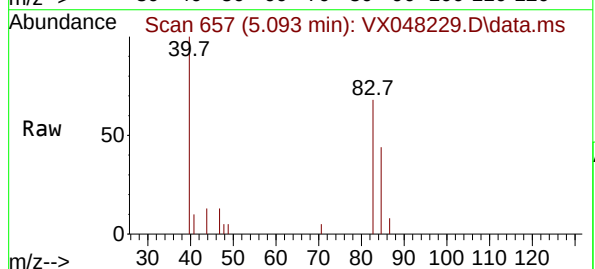
RT: 5.093 min Scan# 657

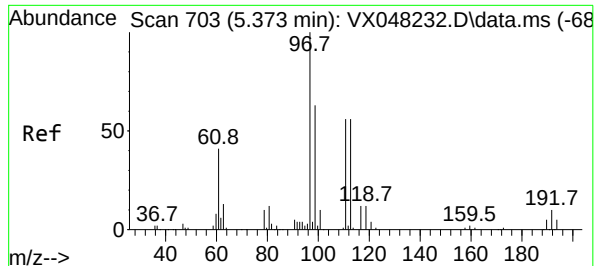
Delta R.T. 0.012 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

Tgt Ion:	83	Resp:	2688
Ion	Ratio	Lower	Upper
83	100		
85	64.9	50.1	75.1





#32

1,1,1-Trichloroethane

Concen: 1.048 ug/l

RT: 5.379 min Scan# 703

Delta R.T. 0.006 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 97 Resp: 245

Ion Ratio Lower Upper

97 100

99 0.0 51.7 77.5

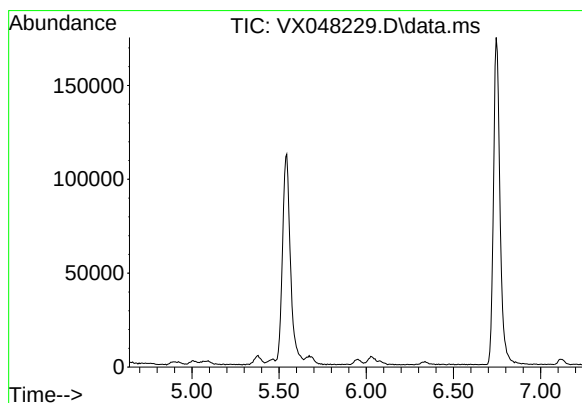
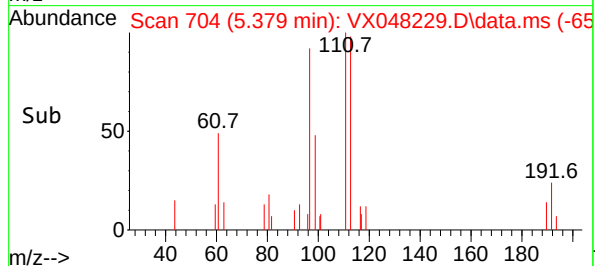
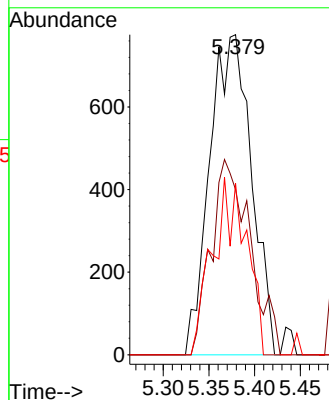
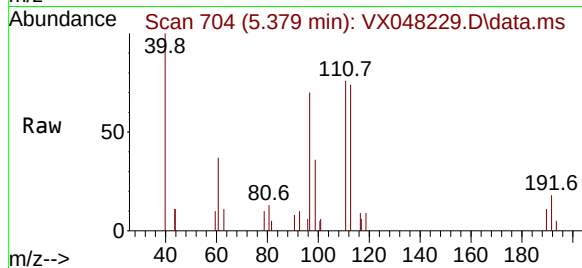
61 44.9 34.8 52.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 5.94 min

Lab File: VX048229.D

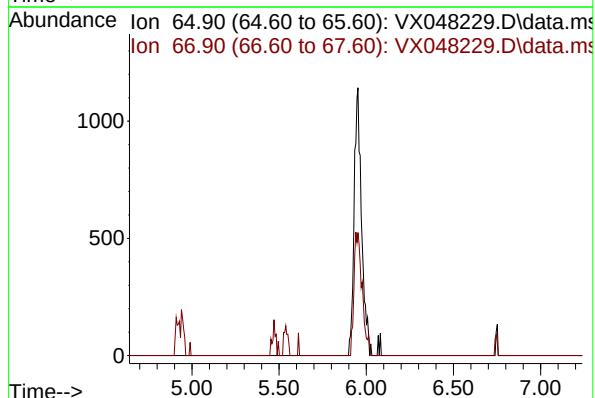
Acq: 20 Oct 2025 10:59

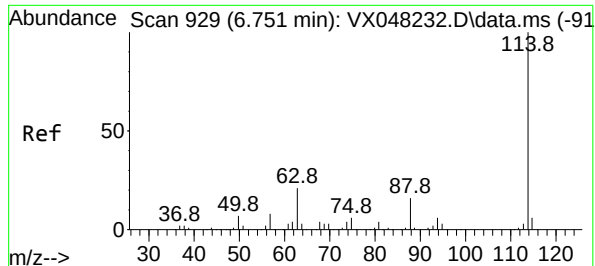
Tgt Ion: 65

Sig Exp Ratio

65 100

67 52.5





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion:114 Resp: 193180

Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.2

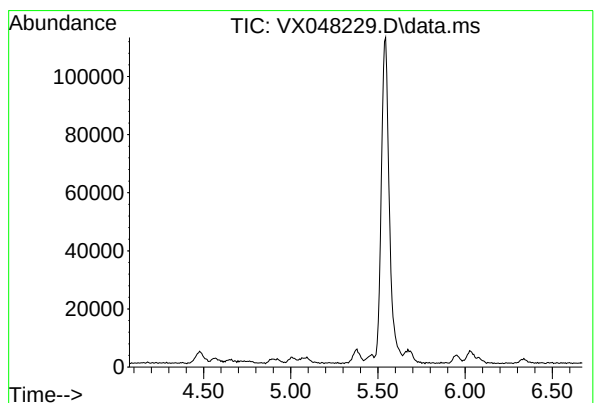
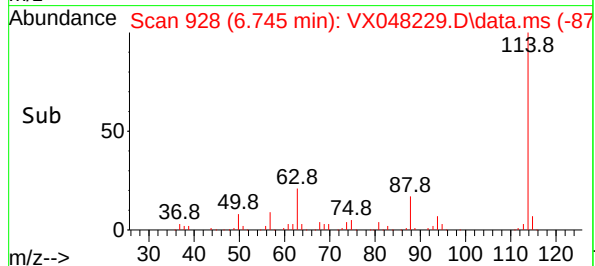
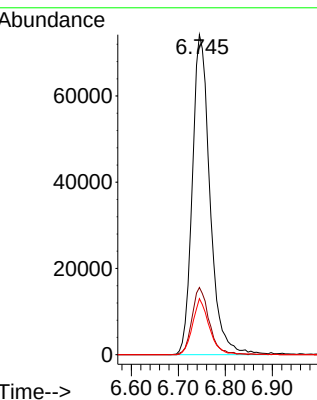
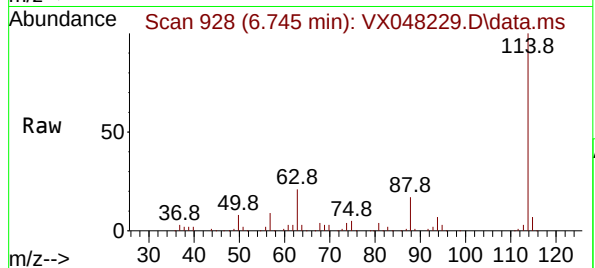
88 17.5 0.0 33.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 5.37 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

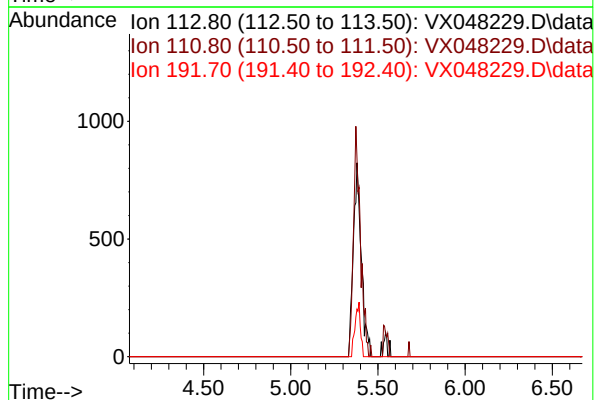
Tgt Ion: 113

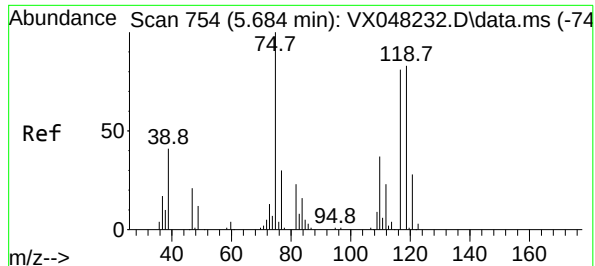
Sig Exp Ratio

113 100

111 102.8

192 18.9





#36

1,1-Dichloropropene

Concen: 1.151 ug/l

RT: 5.696 min Scan# 754

Delta R.T. 0.012 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

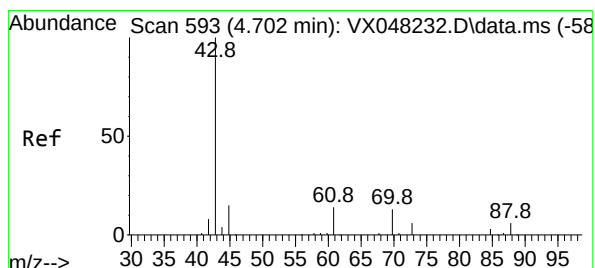
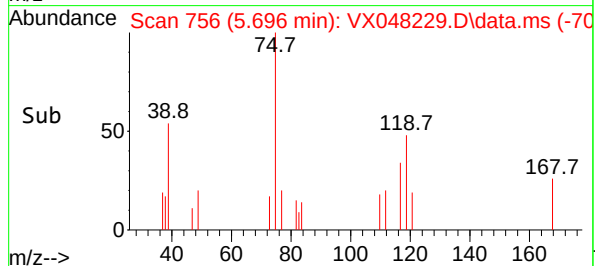
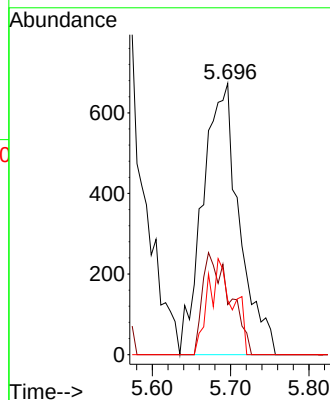
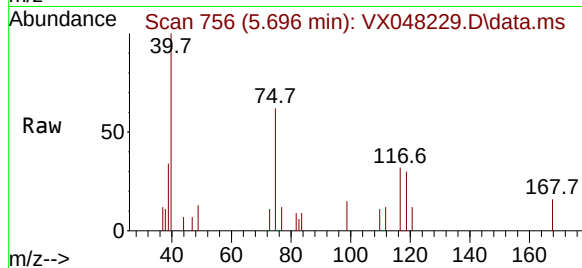
Tgt Ion:	75	Resp:	217
Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.7	53.1
77	23.9	24.3	36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#37

Ethyl Acetate

Concen: 1.174 ug/l m

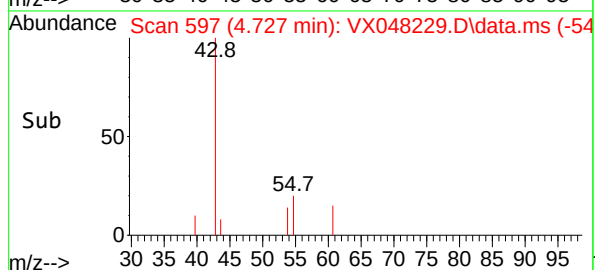
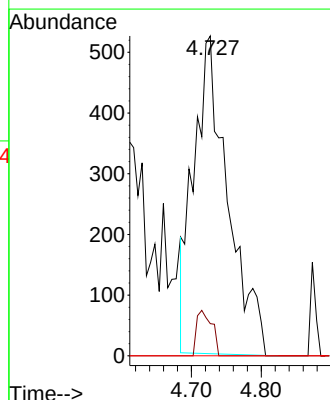
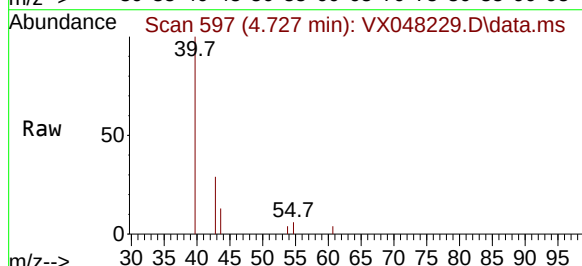
RT: 4.727 min Scan# 597

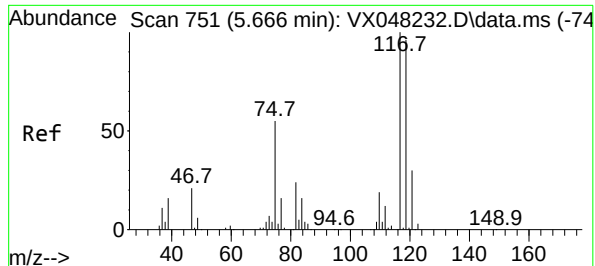
Delta R.T. 0.031 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

Tgt Ion:	43	Resp:	1772
Ion	Ratio	Lower	Upper
43	100		
61	6.4	10.6	15.8#
70	0.0	7.8	11.6#





#38

Carbon Tetrachloride

Concen: 1.159 ug/l m

RT: 5.672 min Scan# 751

Delta R.T. 0.006 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

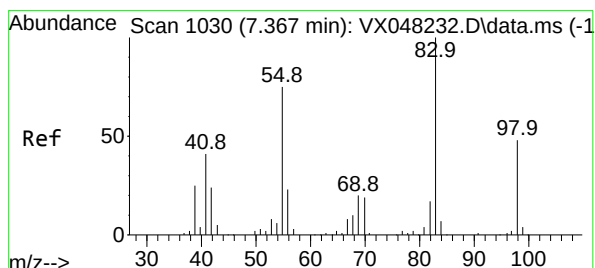
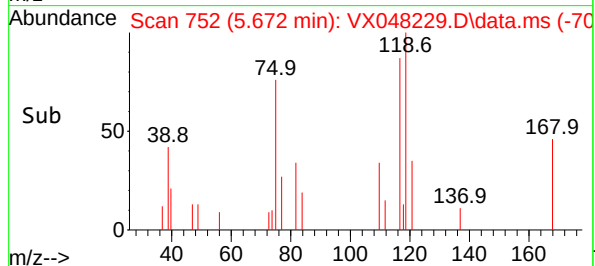
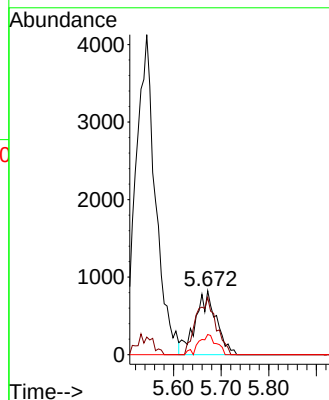
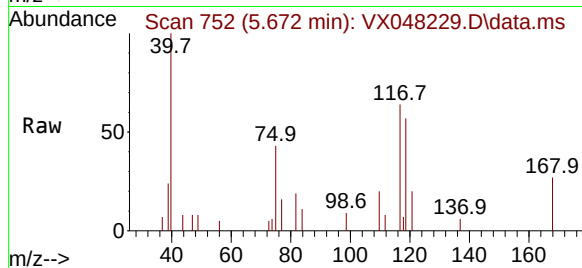
Tgt Ion:	117	Resp:	251
Ion	Ratio	Lower	Upper
117	100		
119	89.4	77.2	115.8
121	31.5	24.8	37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#39

Methylcyclohexane

Concen: 0.999 ug/l

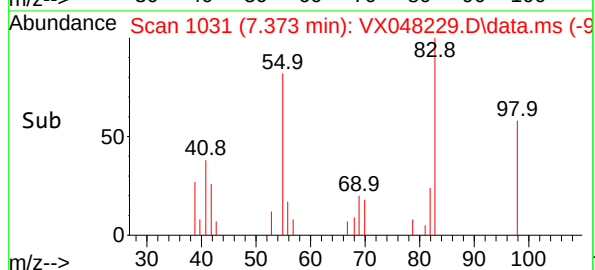
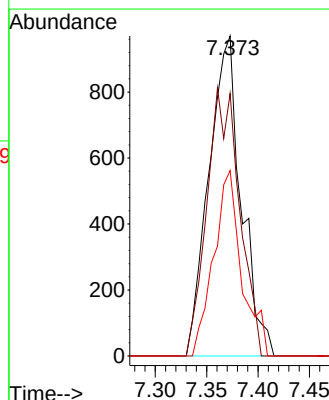
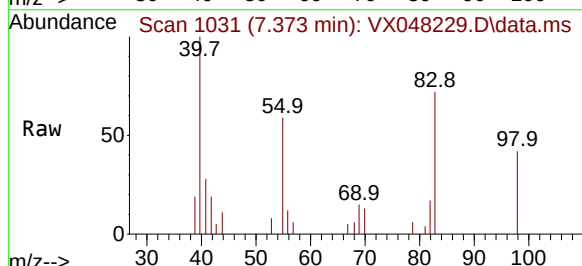
RT: 7.373 min Scan# 1031

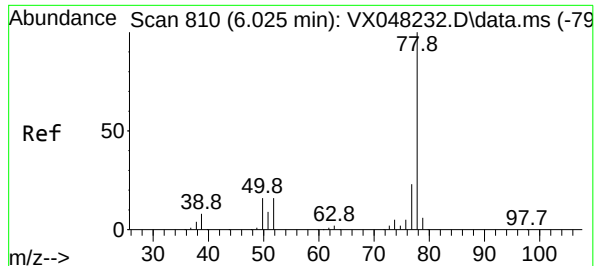
Delta R.T. 0.006 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

Tgt Ion:	83	Resp:	2128
Ion	Ratio	Lower	Upper
83	100		
55	82.1	66.2	99.2
98	57.9	38.9	58.3





#40

Benzene

Concen: 1.028 ug/l

RT: 6.032 min Scan# 810

Delta R.T. 0.006 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 78 Resp: 576

Ion Ratio Lower Upper

78 100

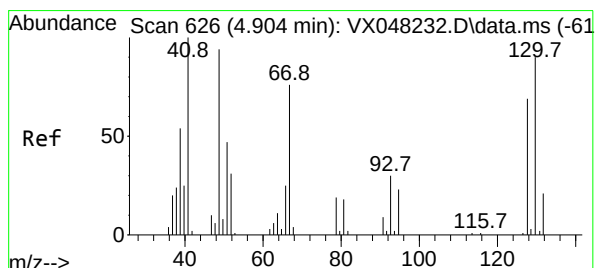
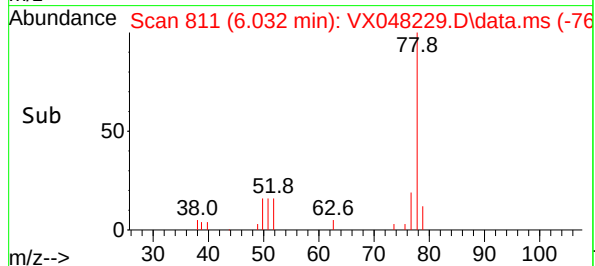
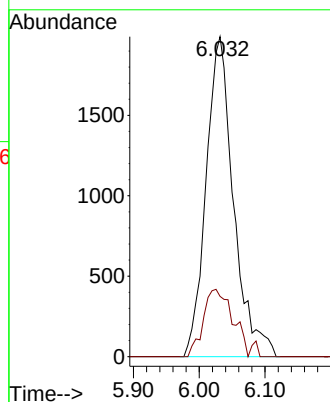
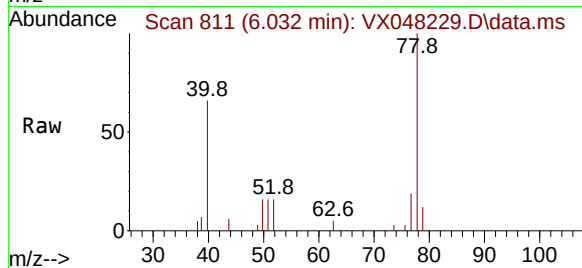
77 18.9 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#41

Methacrylonitrile

Concen: 0.917 ug/l m

RT: 4.916 min Scan# 628

Delta R.T. 0.012 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

Tgt Ion: 41 Resp: 741

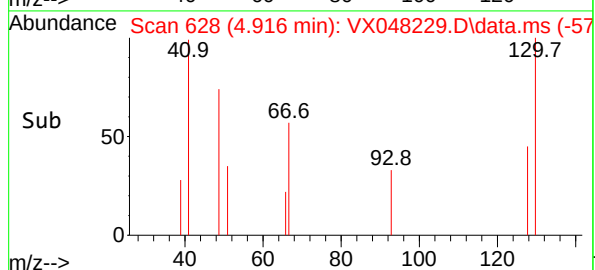
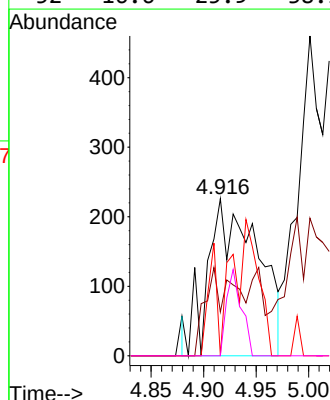
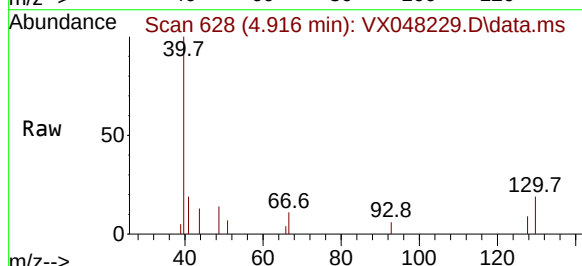
Ion Ratio Lower Upper

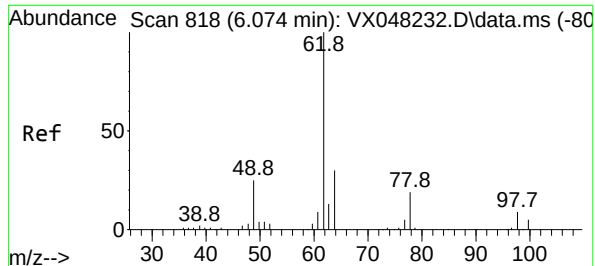
41 100

39 17.0 44.0 66.0#

67 12.3 58.7 88.1#

52 16.6 25.9 38.9#





#42

1,2-Dichloroethane

Concen: 1.017 ug/l

RT: 6.080 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

Instrument :

MSVOA_X

ClientSampleId :

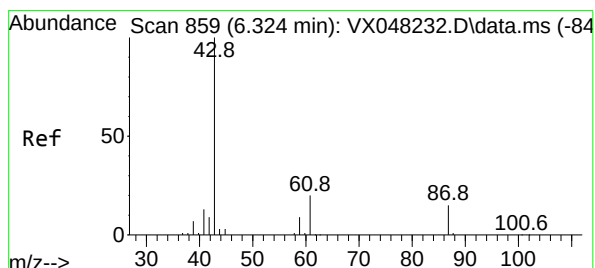
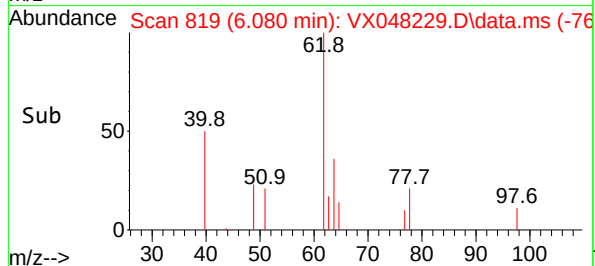
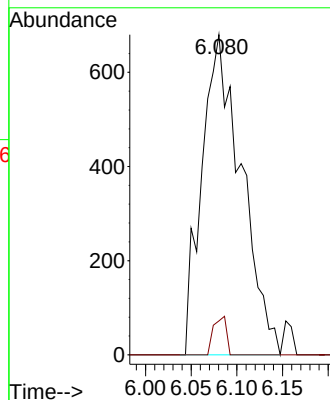
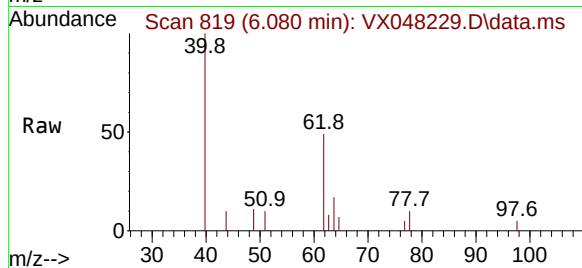
VSTDIC001

Tgt Ion: 62 Resp: 2044
Ion Ratio Lower Upper
62 100
98 3.9 0.0 17.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#43

Isopropyl Acetate

Concen: 1.006 ug/l

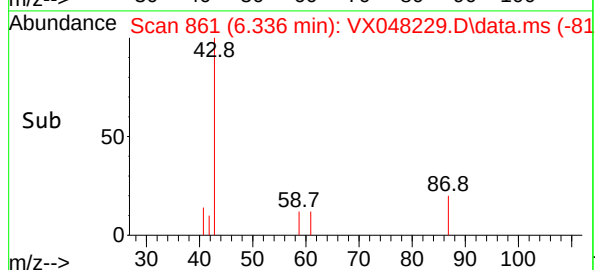
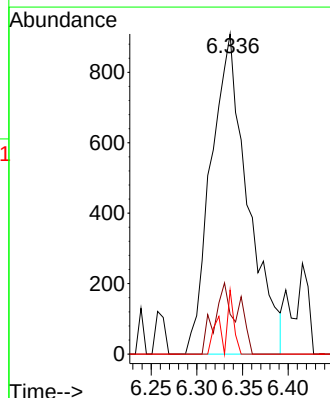
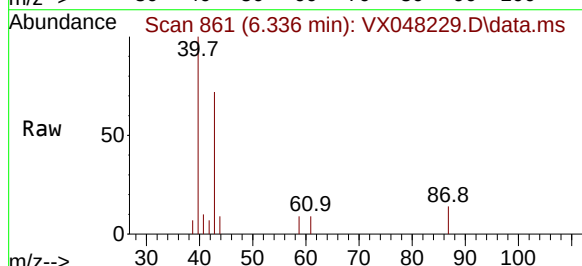
RT: 6.336 min Scan# 861

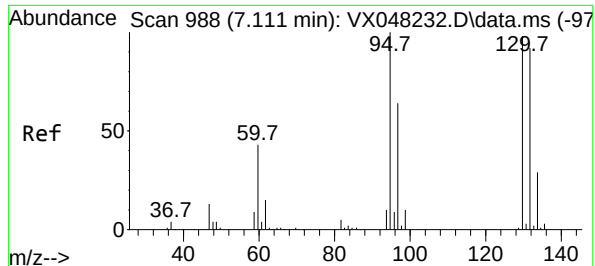
Delta R.T. 0.012 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

Tgt Ion: 43 Resp: 2548
Ion Ratio Lower Upper
43 100
61 13.8 14.9 22.3#
87 3.4 9.4 14.2#





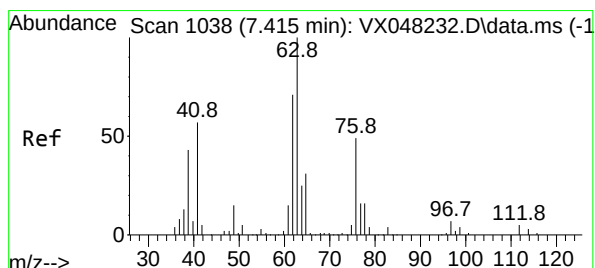
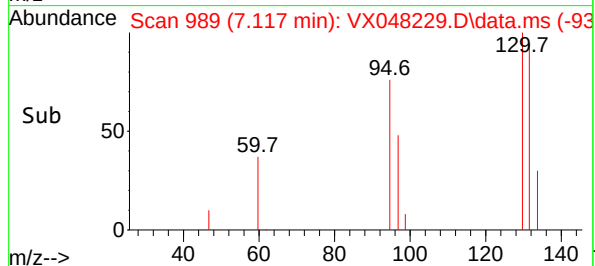
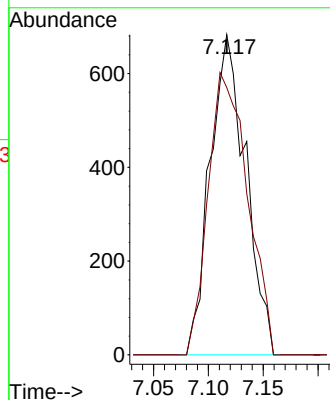
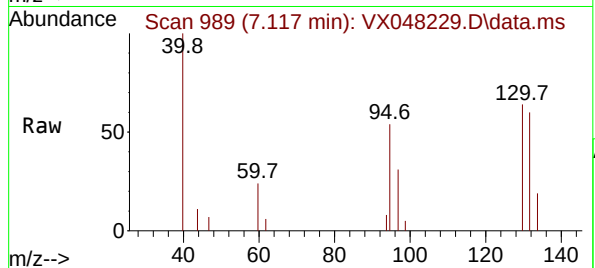
#44
Trichloroethene
Concen: 1.094 ug/l
RT: 7.117 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:130 Resp: 154
Ion Ratio Lower Upper
130 100
95 83.5 0.0 200.6

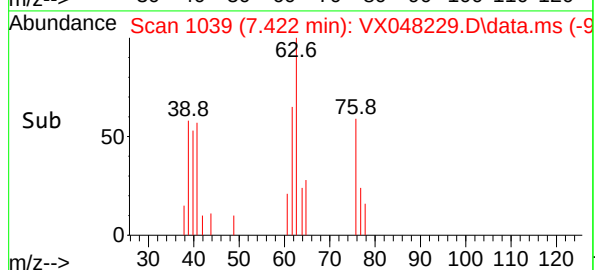
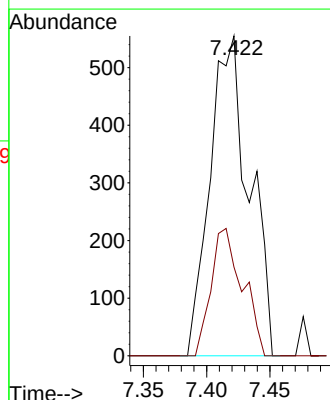
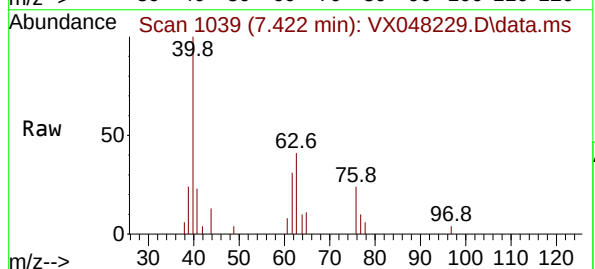
Manual Integrations
APPROVED

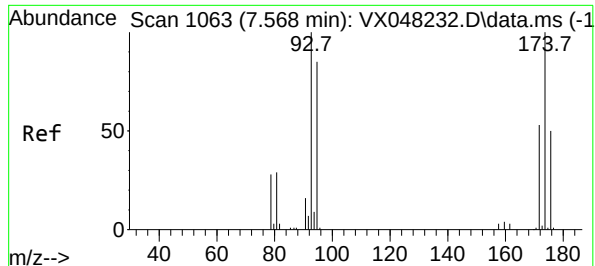
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#45
1,2-Dichloropropane
Concen: 0.842 ug/l
RT: 7.422 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

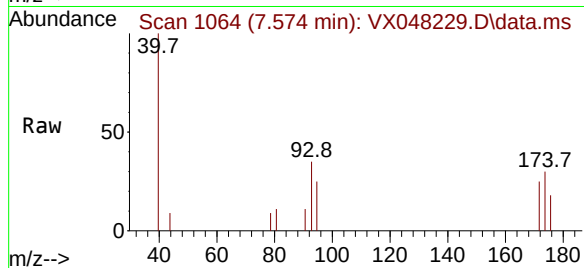
Tgt Ion: 63 Resp: 1195
Ion Ratio Lower Upper
63 100
65 27.7 24.1 36.1





#46
Dibromomethane
Concen: 1.011 ug/l
RT: 7.574 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

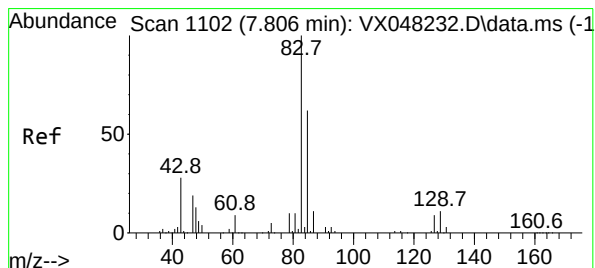
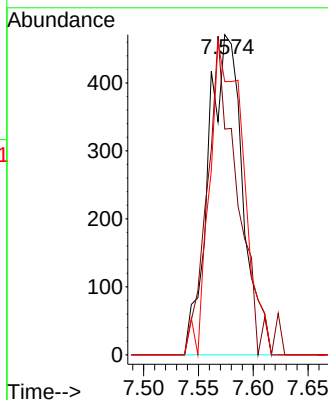
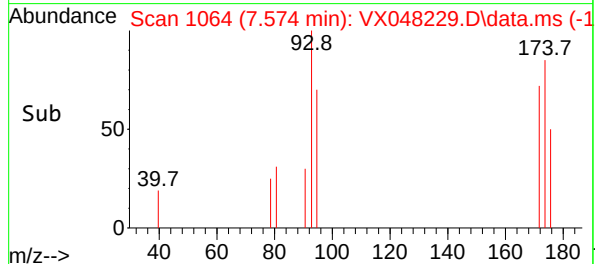
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion: 93 Resp: 103
Ion Ratio Lower Upper
93 100
95 86.4 65.9 98.9
174 95.3 71.7 107.5

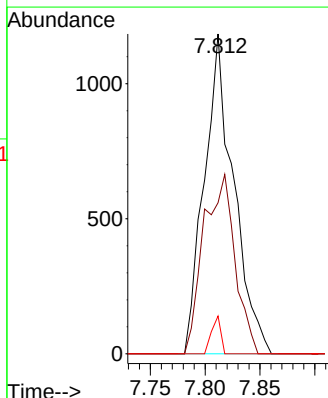
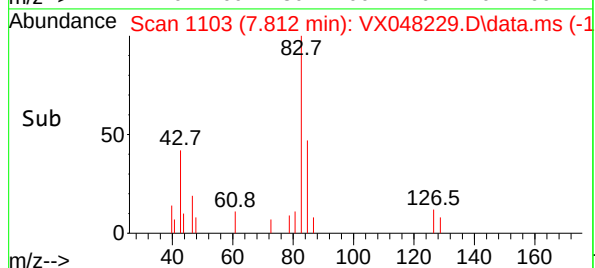
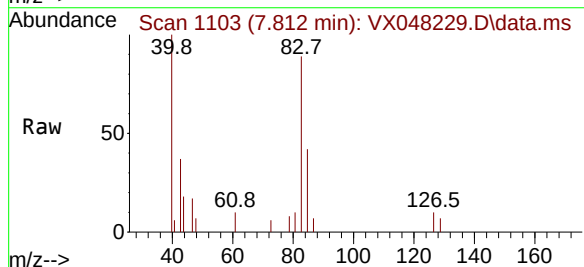
Manual Integrations
APPROVED

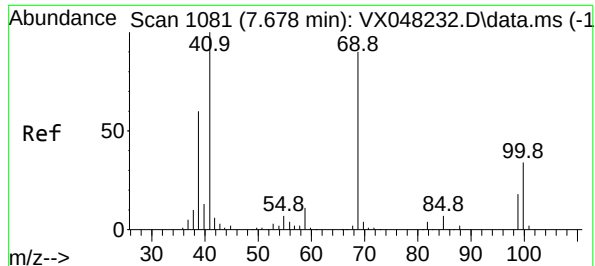
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#47
Bromodichloromethane
Concen: 0.999 ug/l
RT: 7.812 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

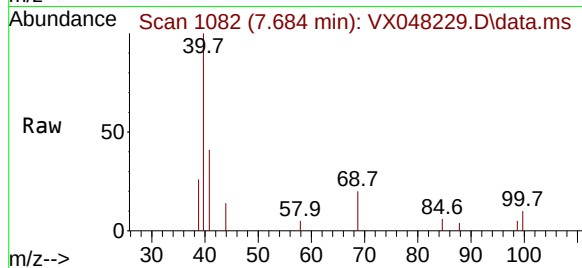
Tgt Ion: 83 Resp: 2204
Ion Ratio Lower Upper
83 100
85 47.2 52.2 78.4#
127 11.8 7.3 10.9#





#48
Methyl methacrylate
Concen: 0.989 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

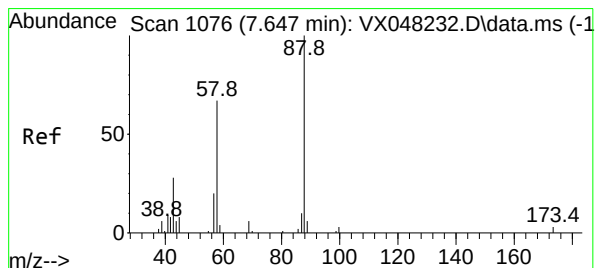
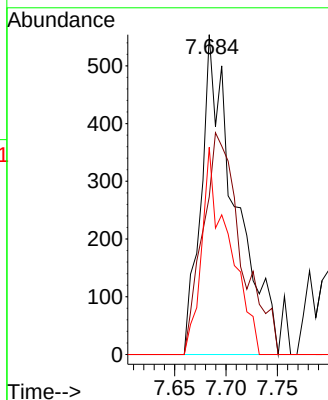
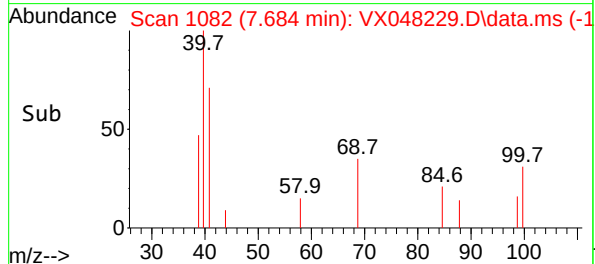
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion: 41 Resp: 128
Ion Ratio Lower Upper
41 100
69 77.6 63.4 95.0
39 51.7 47.1 70.7

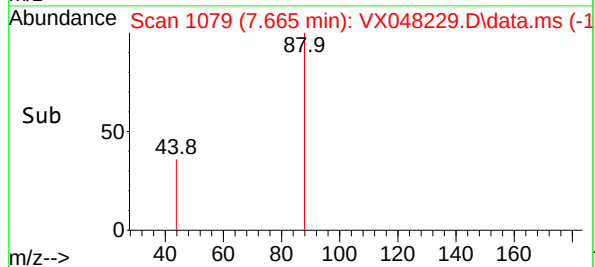
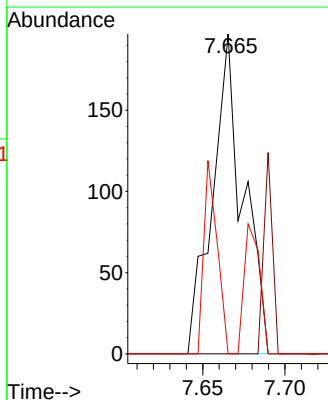
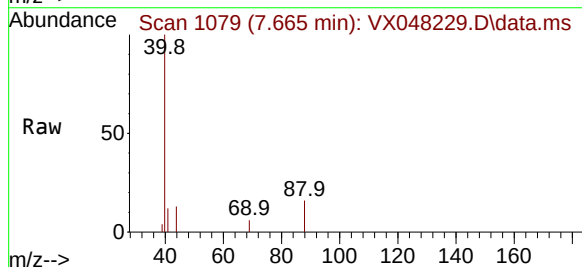
Manual Integrations
APPROVED

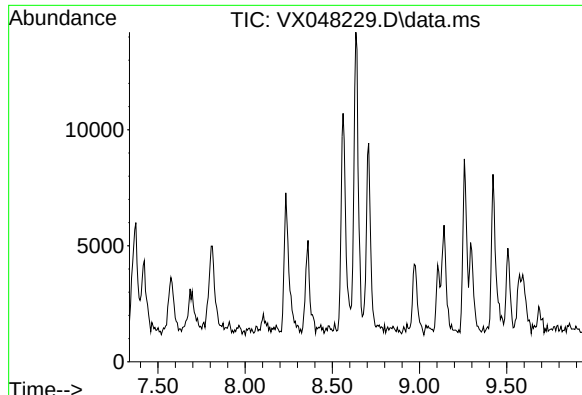
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#49
1,4-Dioxane
Concen: 21.840 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.024 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 88 Resp: 255
Ion Ratio Lower Upper
88 100
43 0.0 35.0 52.4#
58 20.8 61.9 92.9#





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

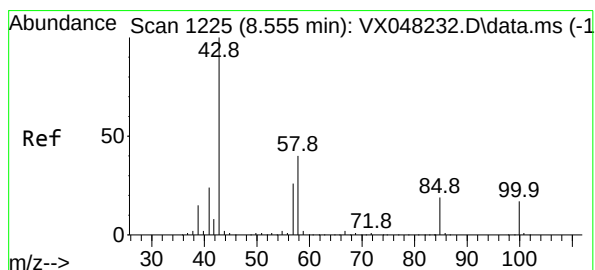
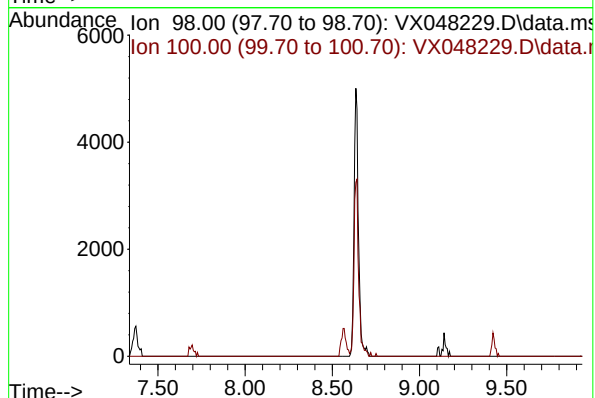
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 98
Sig Exp Ratio
98 100
100 66.2

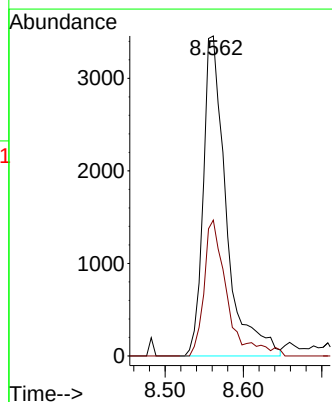
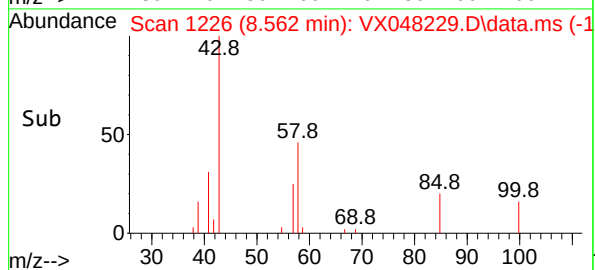
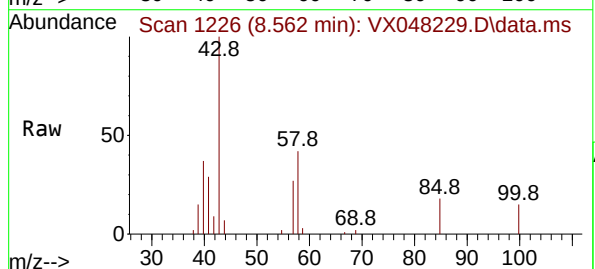
Manual Integrations
APPROVED

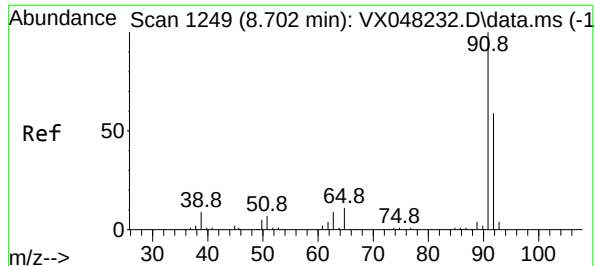
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#51
4-Methyl-2-Pentanone
Concen: 5.011 ug/l
RT: 8.562 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 43 Resp: 7066
Ion Ratio Lower Upper
43 100
58 42.1 29.5 44.3





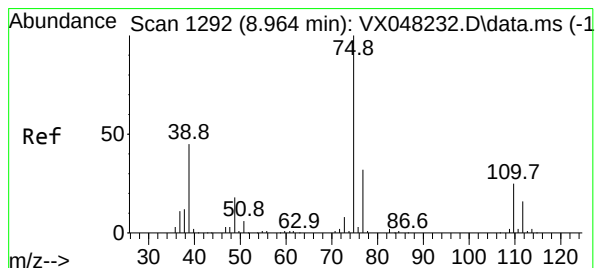
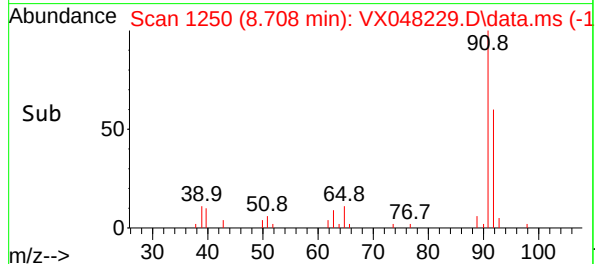
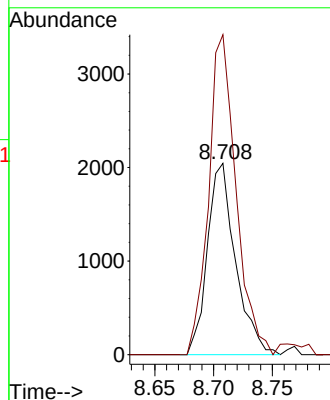
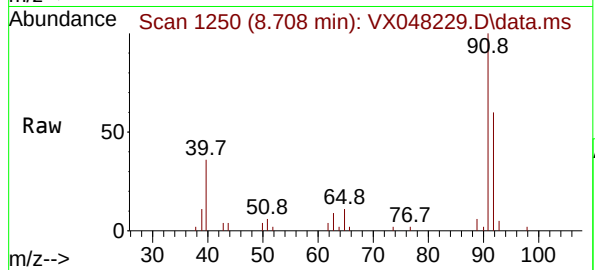
#52
Toluene
Concen: 1.010 ug/l
RT: 8.708 min Scan# 1249
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 92 Resp: 340
Ion Ratio Lower Upper
92 100
91 162.8 136.1 204.1

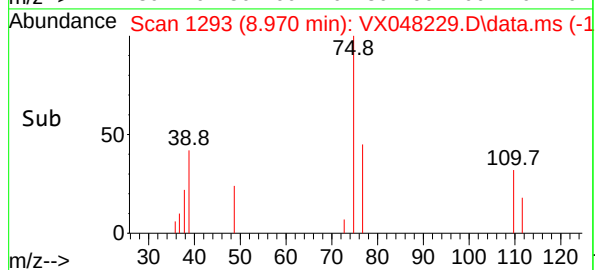
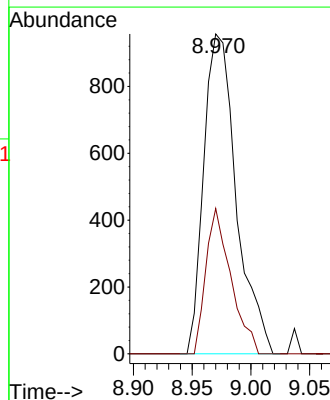
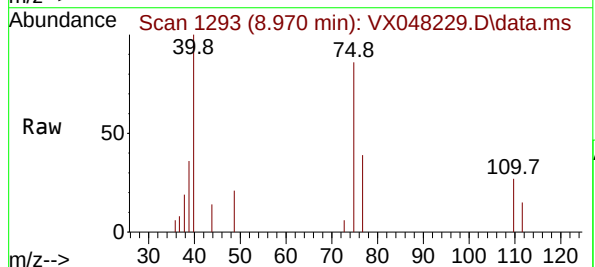
Manual Integrations
APPROVED

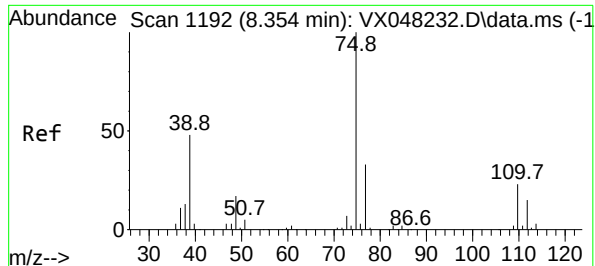
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#53
t-1,3-Dichloropropene
Concen: 0.892 ug/l
RT: 8.970 min Scan# 1293
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 75 Resp: 1844
Ion Ratio Lower Upper
75 100
77 45.5 25.0 37.6#





#54

cis-1,3-Dichloropropene

Concen: 0.998 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. 0.012 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

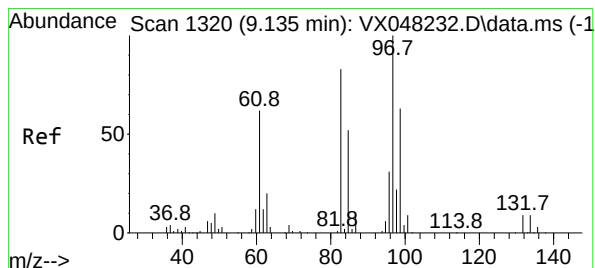
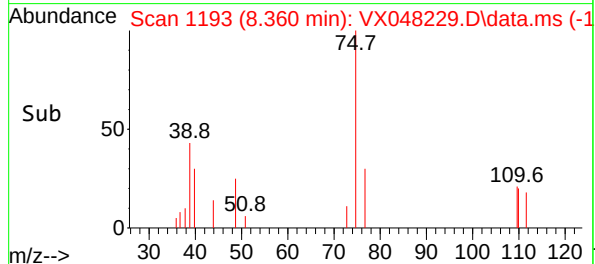
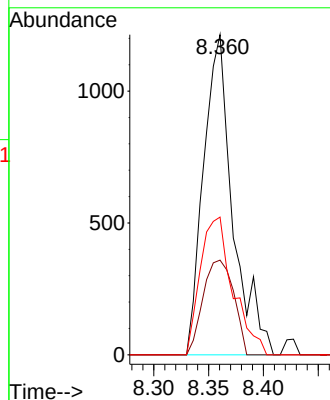
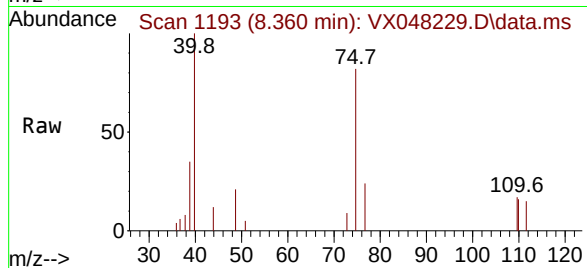
Tgt Ion:	75	Resp:	2250
Ion	Ratio	Lower	Upper
75	100		
77	29.6	24.9	37.3
39	43.0	42.6	64.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#55

1,1,2-Trichloroethane

Concen: 0.977 ug/l

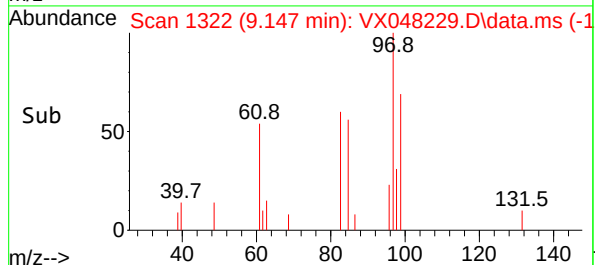
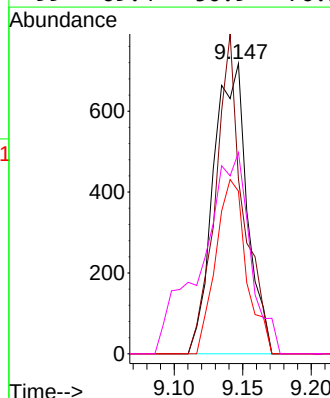
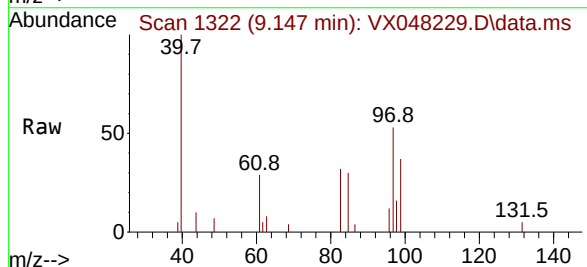
RT: 9.147 min Scan# 1322

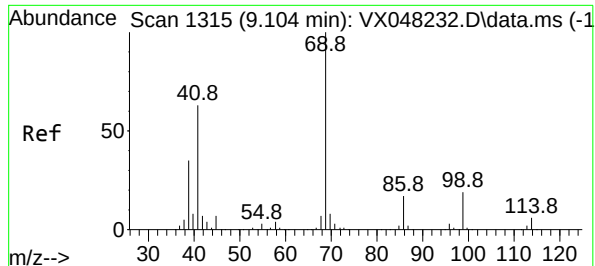
Delta R.T. 0.012 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

Tgt Ion:	97	Resp:	1229
Ion	Ratio	Lower	Upper
97	100		
83	60.2	70.6	105.8#
85	56.0	45.0	67.6
99	69.4	50.9	76.3





#56

Ethyl methacrylate

Concen: 0.945 ug/l

RT: 9.104 min Scan# 1315

Delta R.T. 0.006 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

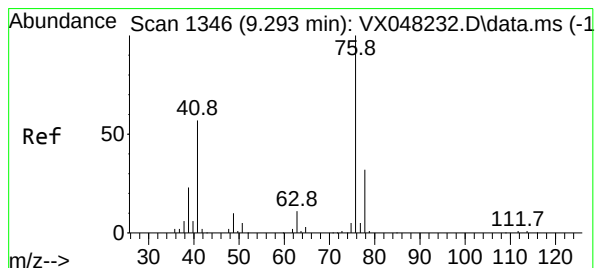
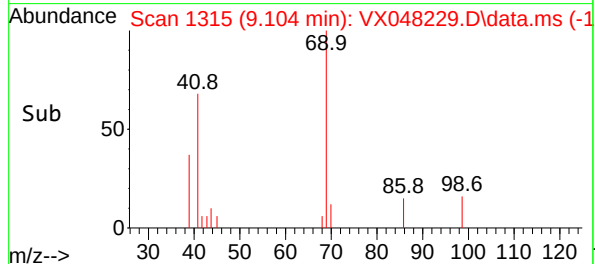
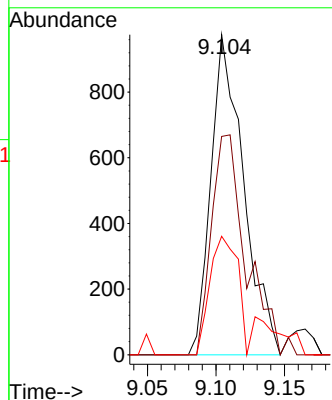
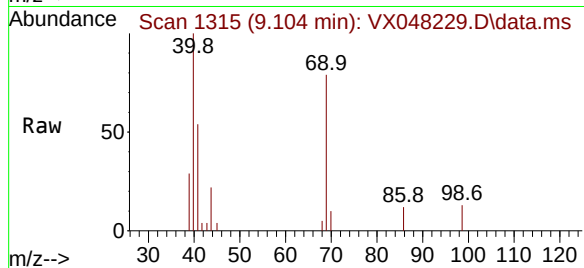
Tgt Ion:	69	Resp:	1610
Ion	Ratio	Lower	Upper
69	100		
41	73.0	56.0	84.0
39	36.5	31.6	47.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#57

1,3-Dichloropropane

Concen: 0.989 ug/l

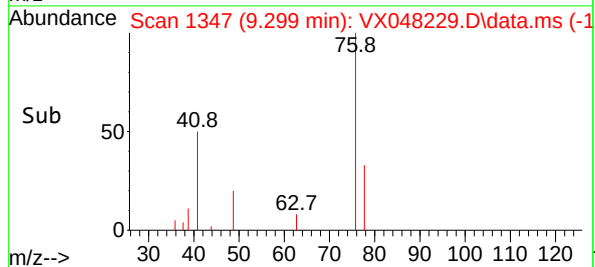
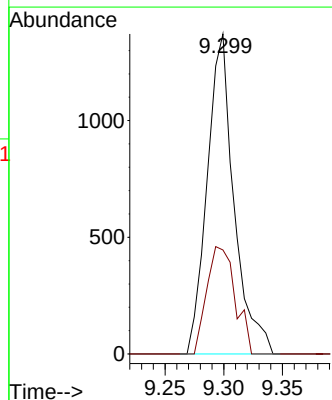
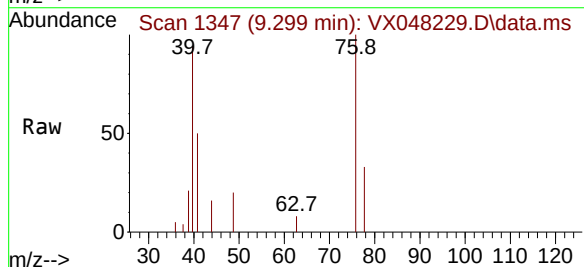
RT: 9.299 min Scan# 1347

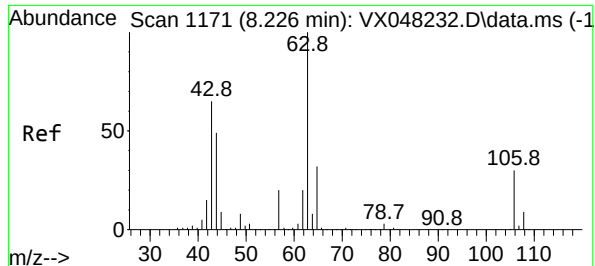
Delta R.T. 0.006 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

Tgt Ion:	76	Resp:	2174
Ion	Ratio	Lower	Upper
76	100		
78	35.5	25.4	38.0





#58

2-Chloroethyl Vinyl ether

Concen: 3.381 ug/l

RT: 8.232 min Scan# 1171

Delta R.T. 0.006 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 63 Resp: 2970

Ion Ratio Lower Upper

63 100

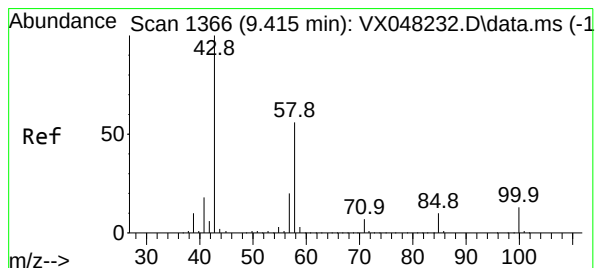
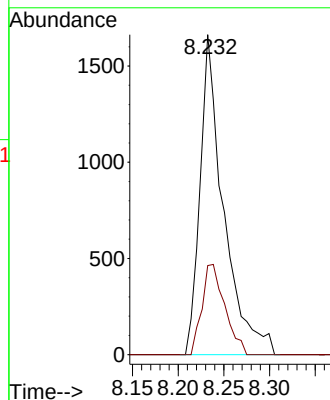
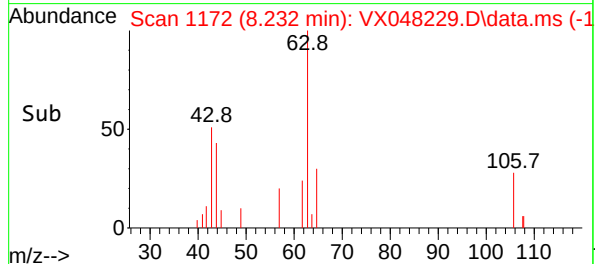
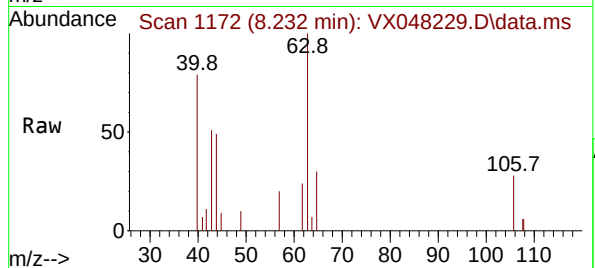
106 27.5 22.2 33.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#59

2-Hexanone

Concen: 4.518 ug/l

RT: 9.421 min Scan# 1367

Delta R.T. 0.006 min

Lab File: VX048229.D

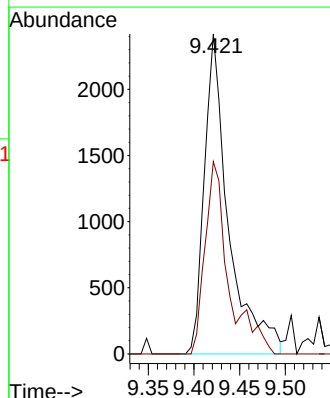
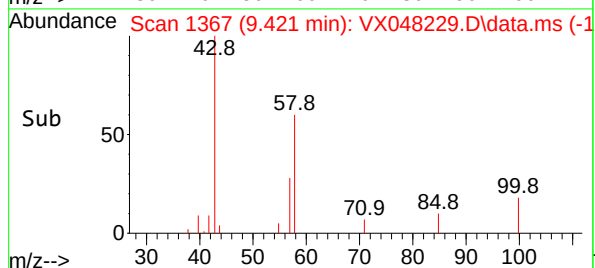
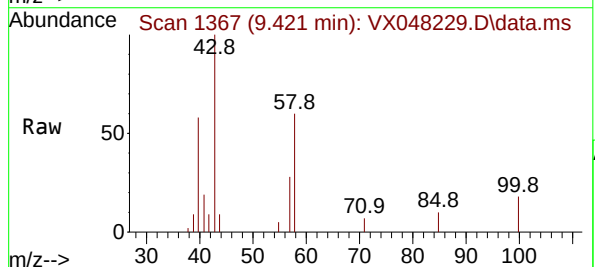
Acq: 20 Oct 2025 10:59

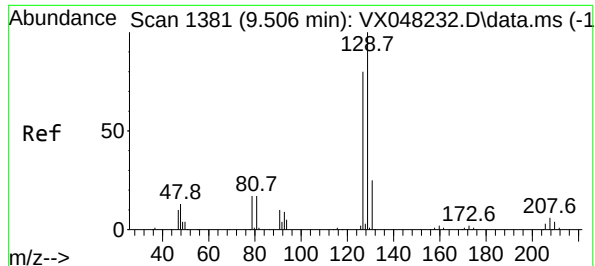
Tgt Ion: 43 Resp: 4456

Ion Ratio Lower Upper

43 100

58 58.1 26.3 78.8





#60

Dibromochloromethane

Concen: 1.183 ug/l

RT: 9.507 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion:129 Resp: 1862

Ion Ratio Lower Upper

129 100

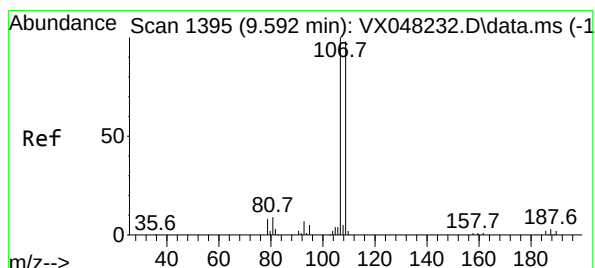
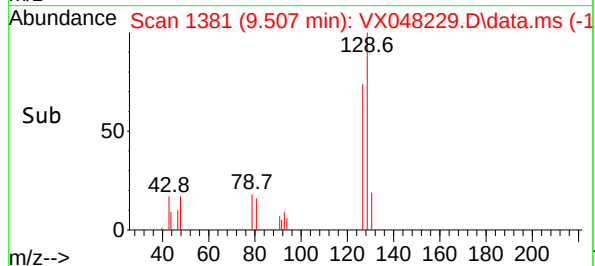
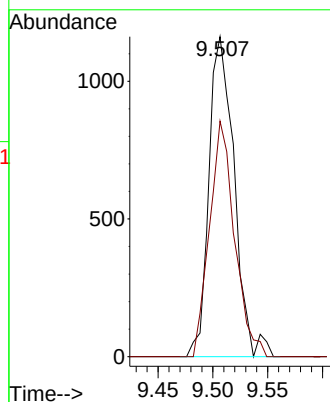
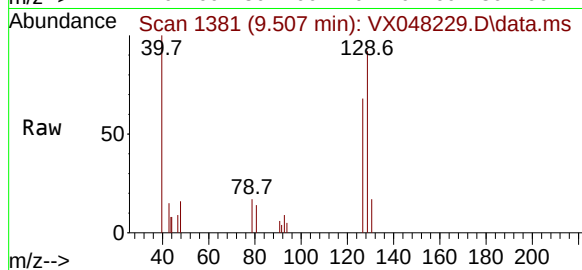
127 72.9 38.6 115.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#61

1,2-Dibromoethane

Concen: 1.037 ug/l

RT: 9.598 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VX048229.D

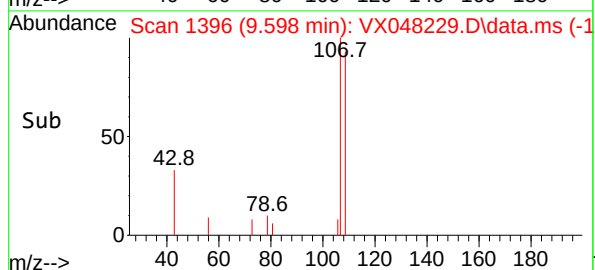
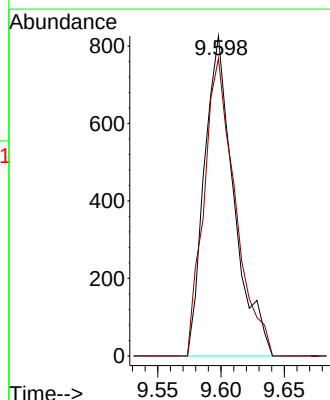
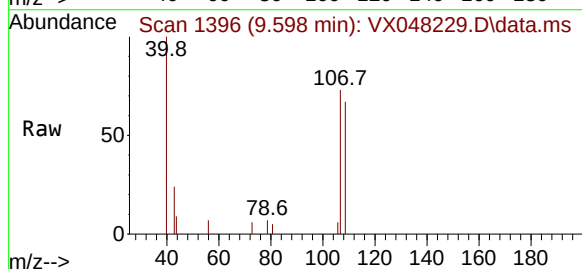
Acq: 20 Oct 2025 10:59

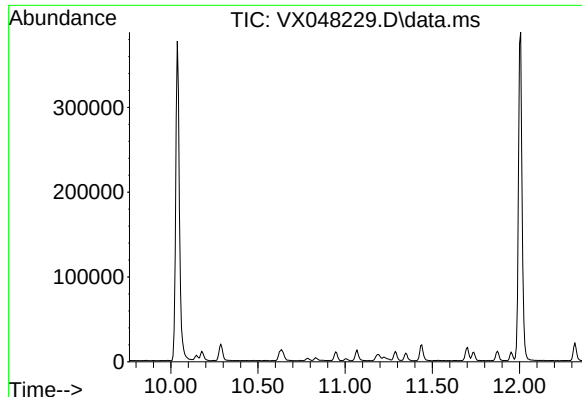
Tgt Ion:107 Resp: 1338

Ion Ratio Lower Upper

107 100

109 98.6 77.0 115.4





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

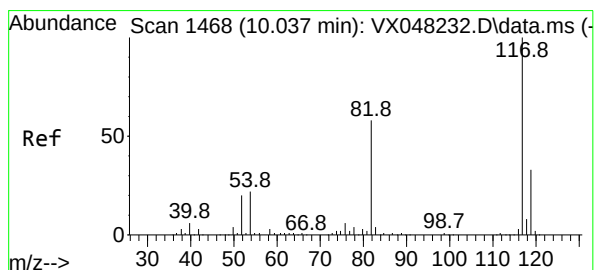
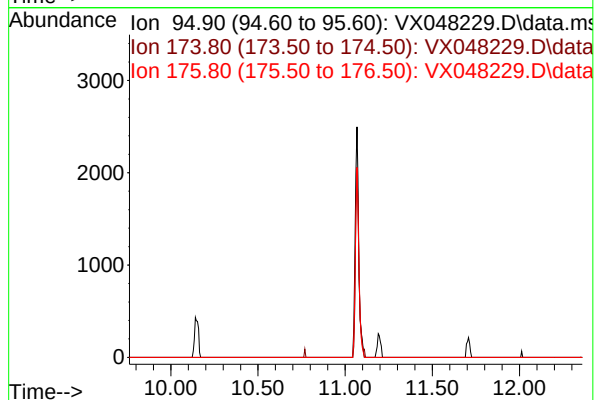
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 95
Sig Exp Ratio
95 100
174 73.9
176 71.4

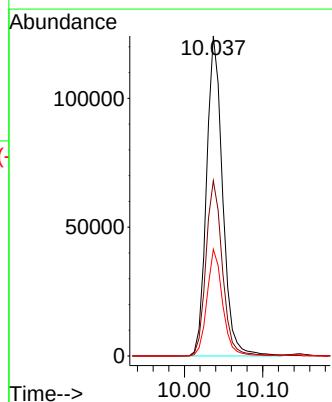
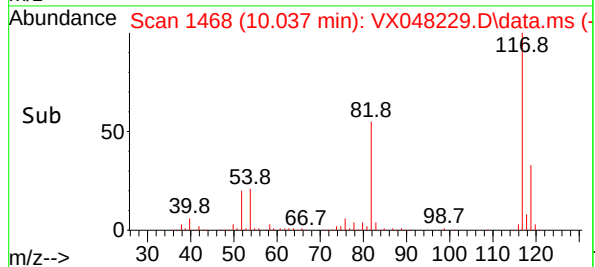
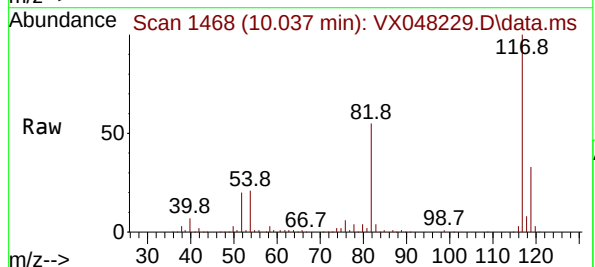
Manual Integrations
APPROVED

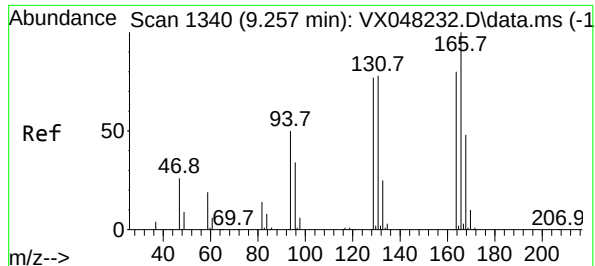
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

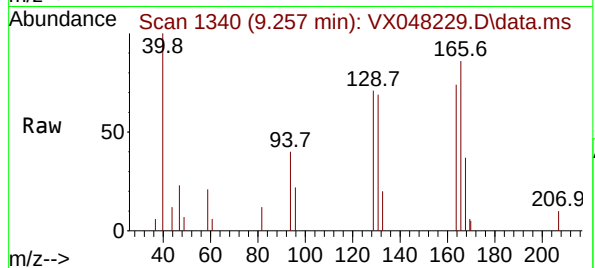
Tgt Ion:117 Resp: 177252
Ion Ratio Lower Upper
117 100
82 54.8 46.5 69.7
119 33.3 25.9 38.9





#64
Tetrachloroethene
Concen: 1.192 ug/l
RT: 9.257 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

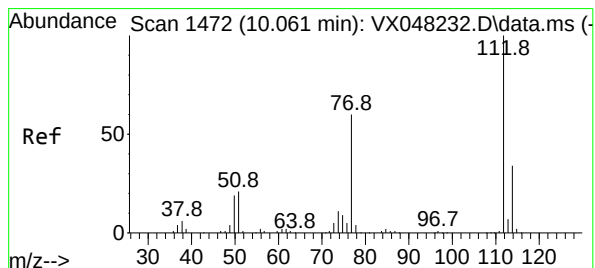
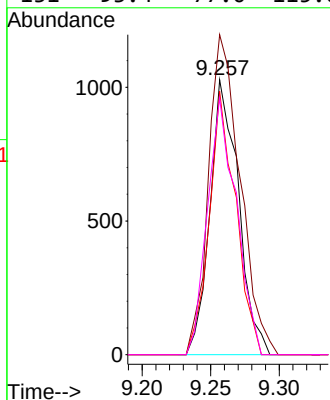
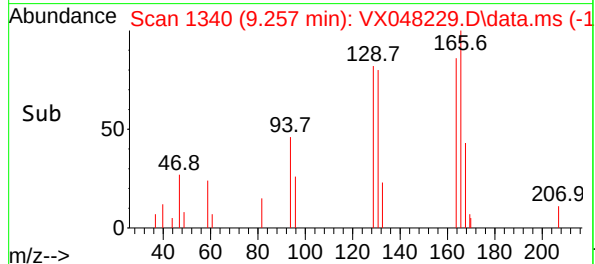
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion:164 Resp: 1482
Ion Ratio Lower Upper
164 100
166 116.4 104.5 156.7
129 95.9 81.8 122.6
131 93.4 77.0 115.6

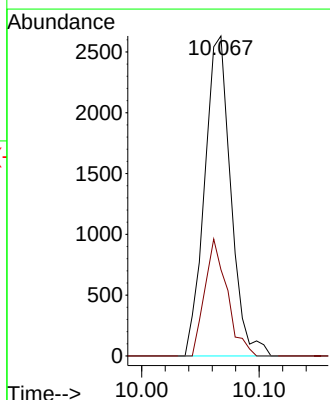
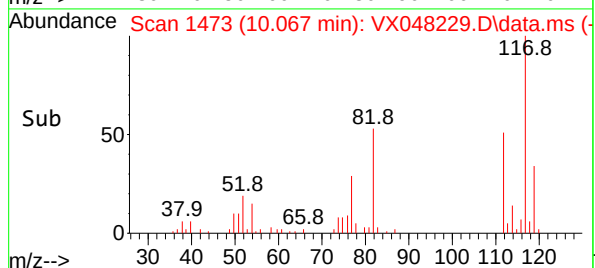
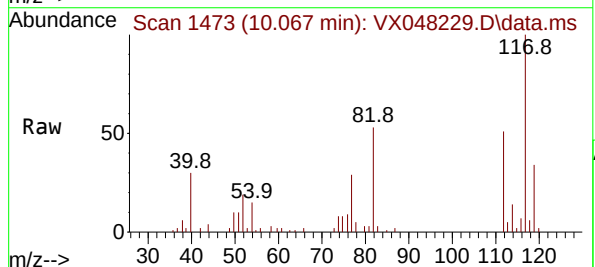
Manual Integrations
APPROVED

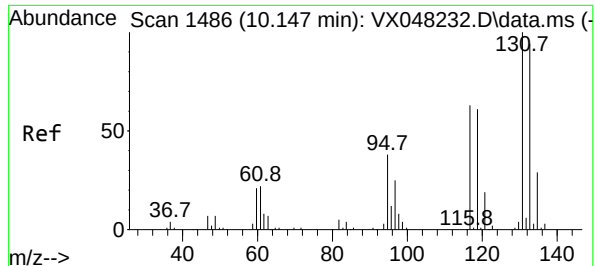
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#65
Chlorobenzene
Concen: 1.051 ug/l
RT: 10.067 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

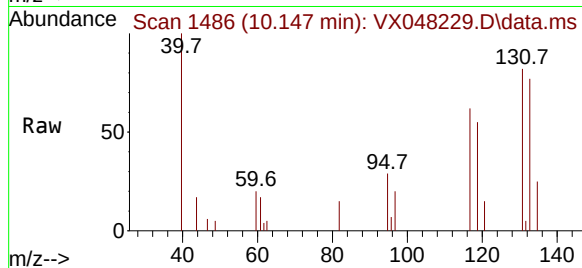
Tgt Ion:112 Resp: 4073
Ion Ratio Lower Upper
112 100
114 27.0 26.2 39.2





#66
1,1,1,2-Tetrachloroethane
Concen: 1.070 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

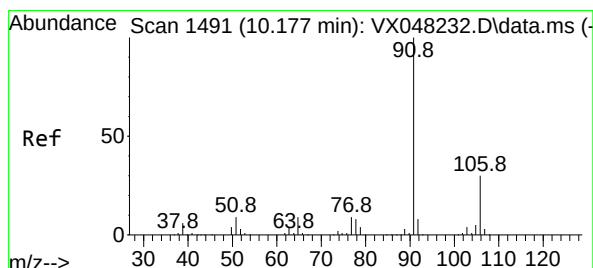
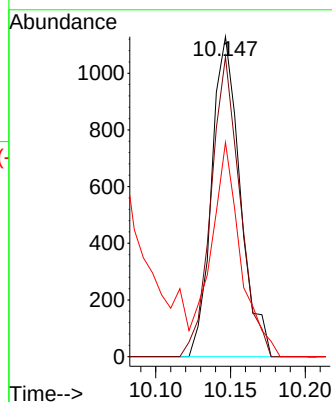
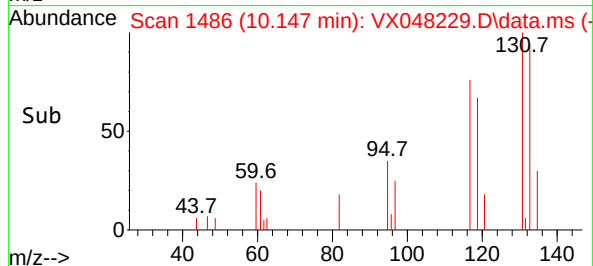
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion:131 Resp: 149
Ion Ratio Lower Upper
131 100
133 95.1 47.6 142.8
119 0.0 32.5 97.5

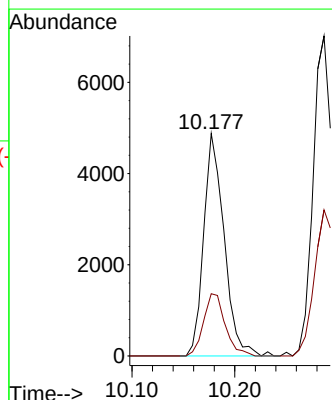
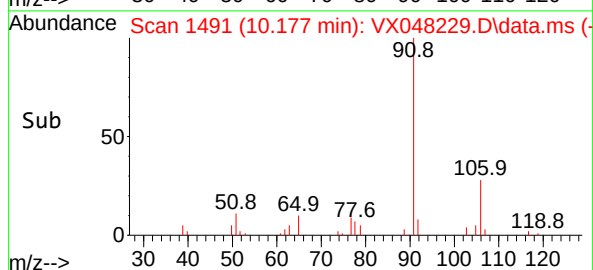
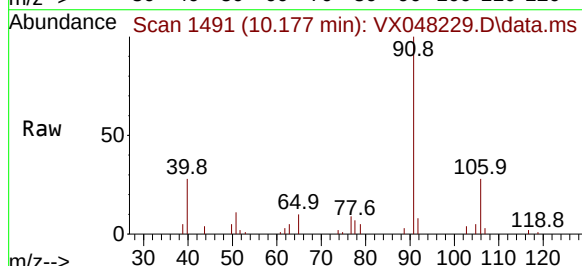
Manual Integrations
APPROVED

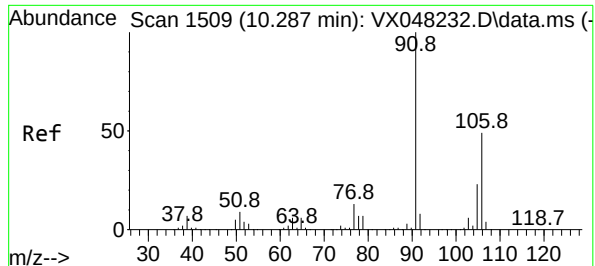
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#67
Ethyl Benzene
Concen: 1.016 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 91 Resp: 6752
Ion Ratio Lower Upper
91 100
106 28.0 23.8 35.6





#68

m/p-Xylenes

Concen: 1.854 ug/l

RT: 10.287 min Scan# 1509

Delta R.T. 0.000 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion:106 Resp: 4589

Ion Ratio Lower Upper

106 100

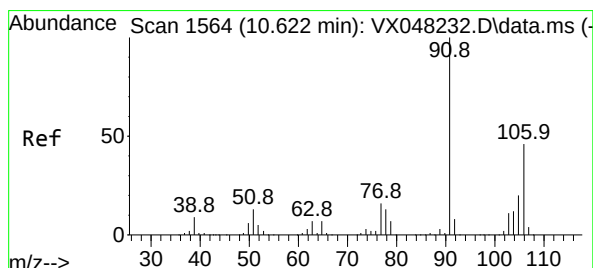
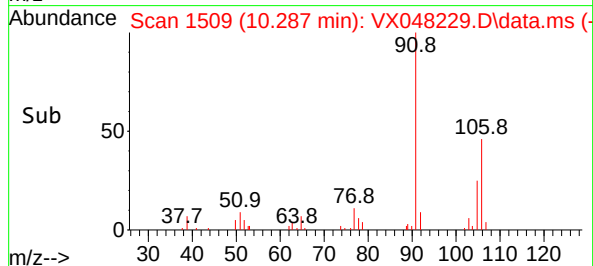
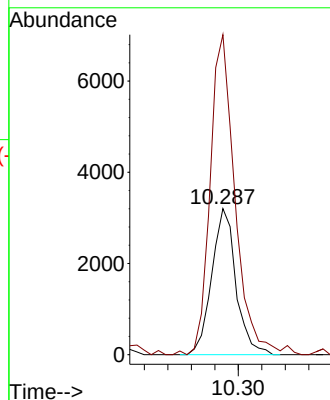
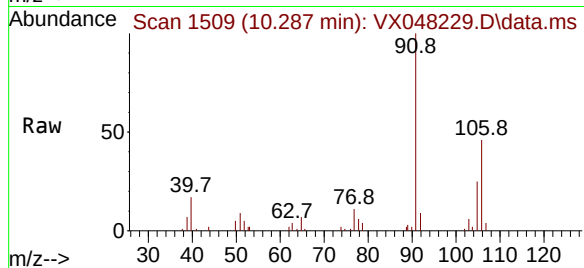
91 225.6 167.9 251.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#69

o-Xylene

Concen: 0.993 ug/l

RT: 10.628 min Scan# 1565

Delta R.T. 0.006 min

Lab File: VX048229.D

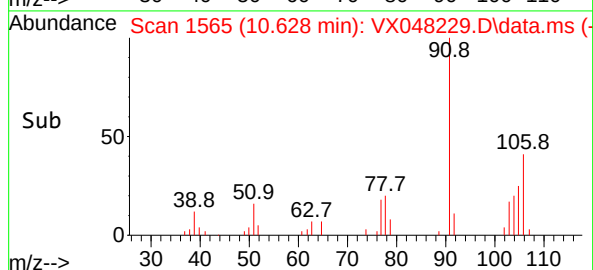
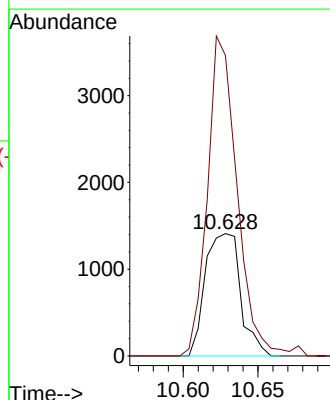
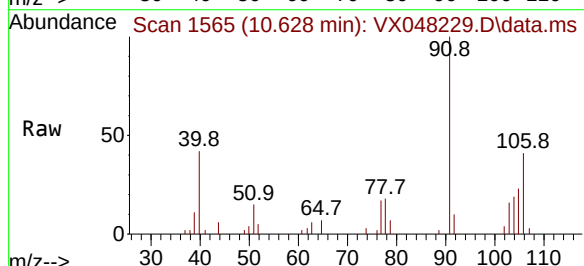
Acq: 20 Oct 2025 10:59

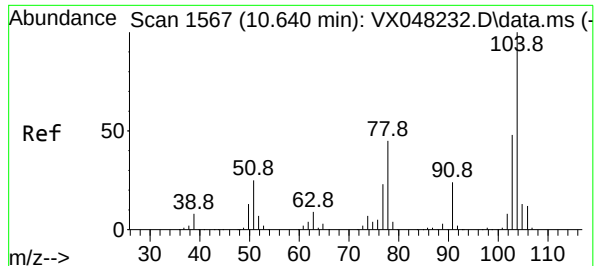
Tgt Ion:106 Resp: 2313

Ion Ratio Lower Upper

106 100

91 221.2 111.3 333.9





#70

Styrene

Concen: 0.932 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

Instrument :

MSVOA_X

ClientSampleId :

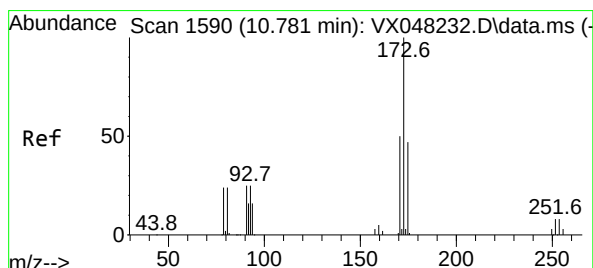
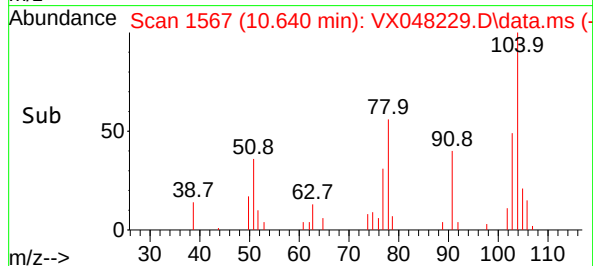
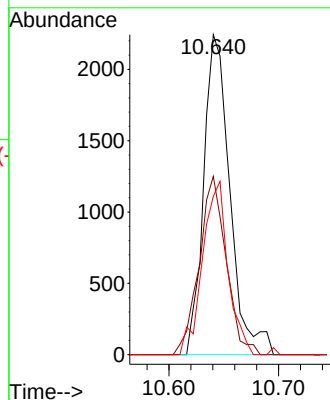
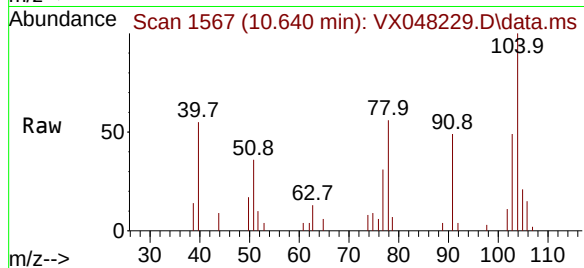
VSTDIC001

Tgt Ion:	104	Resp:	373
Ion	Ratio	Lower	Upper
104	100		
78	57.1	42.2	63.4
103	52.6	43.0	64.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#71

Bromoform

Concen: 1.168 ug/l

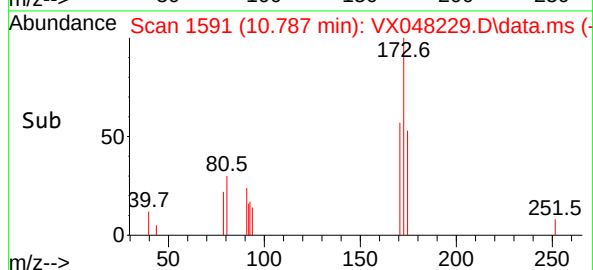
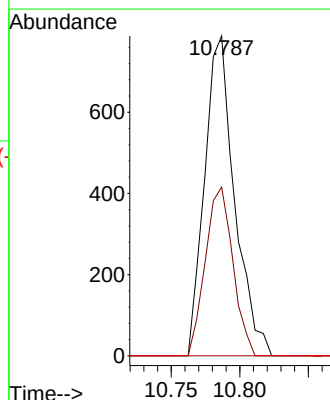
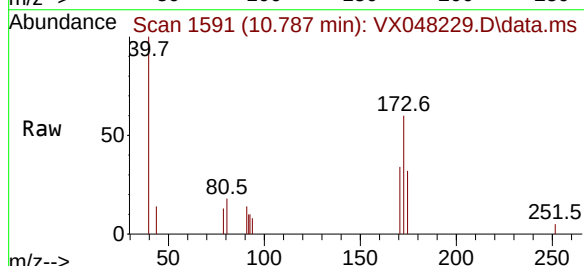
RT: 10.787 min Scan# 1591

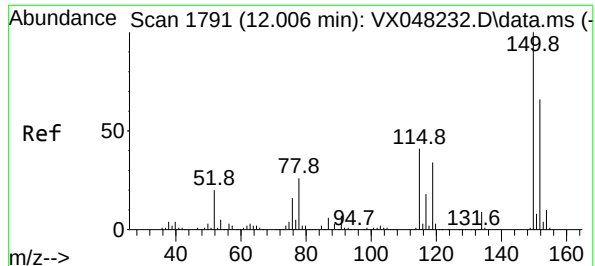
Delta R.T. 0.006 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

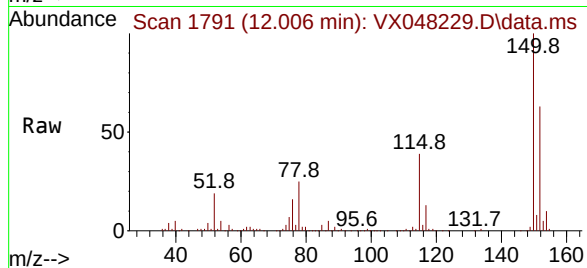
Tgt Ion:	173	Resp:	1198
Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.0	72.0
254	0.0	0.0	0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

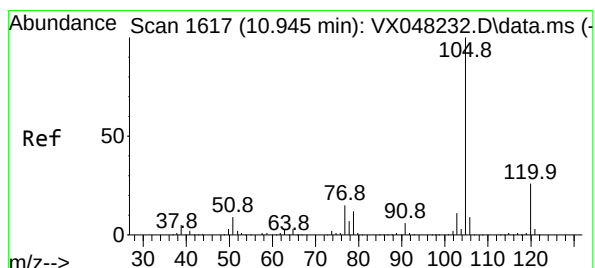
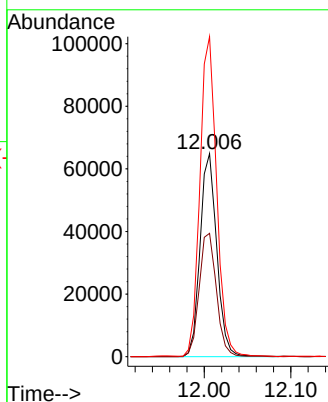
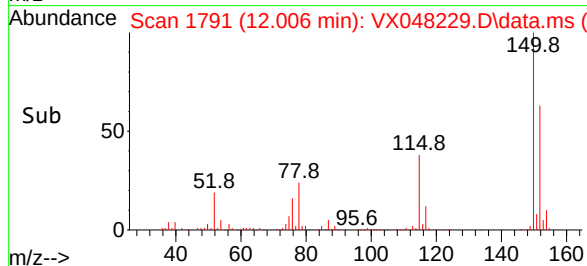
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



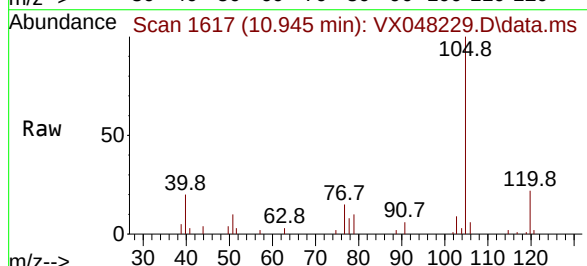
Tgt Ion:152 Resp: 8694.3
Ion Ratio Lower Upper
152 100
115 63.0 43.1 129.4
150 158.2 0.0 353.0

Manual Integrations
APPROVED

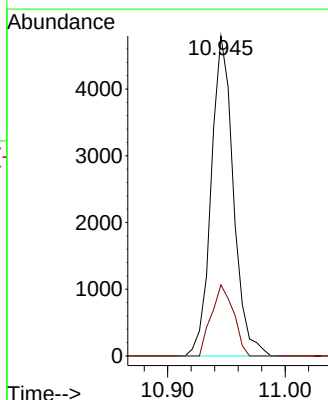
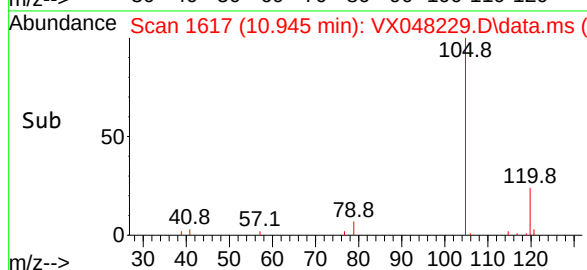
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

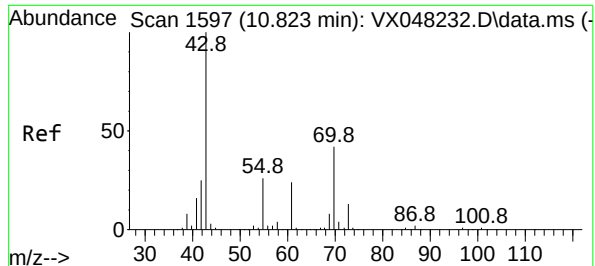


#73
Isopropylbenzene
Concen: 1.040 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59



Tgt Ion:105 Resp: 6291
Ion Ratio Lower Upper
105 100
120 22.2 13.0 38.9





#74

N-amy1 acetate

Concen: 0.947 ug/l

RT: 10.829 min Scan# 1597

Delta R.T. 0.006 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

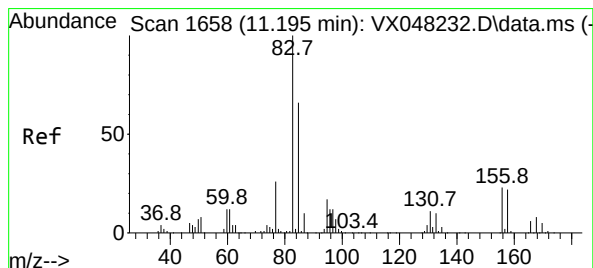
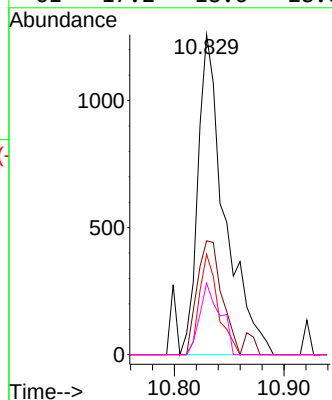
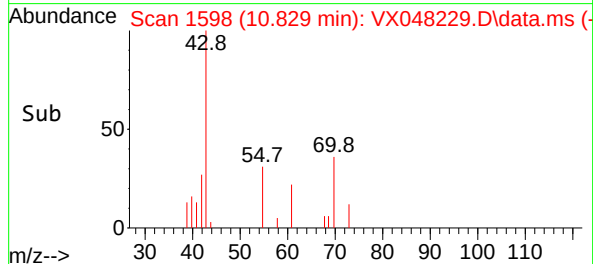
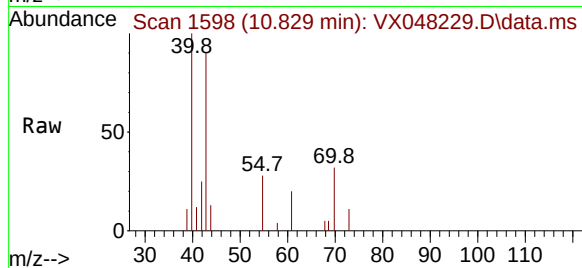
Tgt Ion:	43	Resp:	213
Ion	Ratio	Lower	Upper
43	100		
70	32.8	32.2	48.2
55	22.0	19.1	28.7
61	17.2	18.6	28.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#75

1,1,2,2-Tetrachloroethane

Concen: 1.003 ug/l

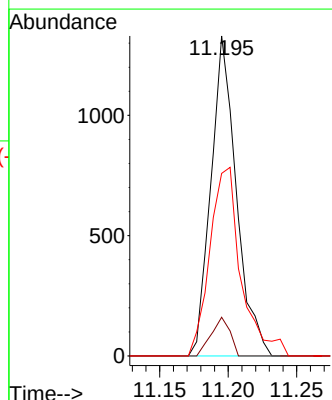
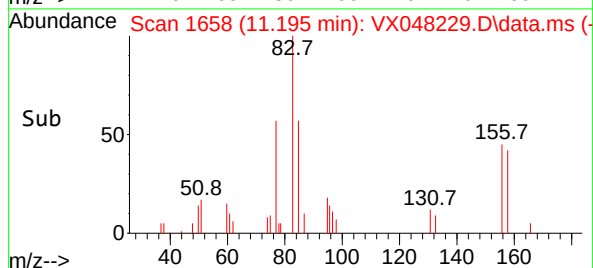
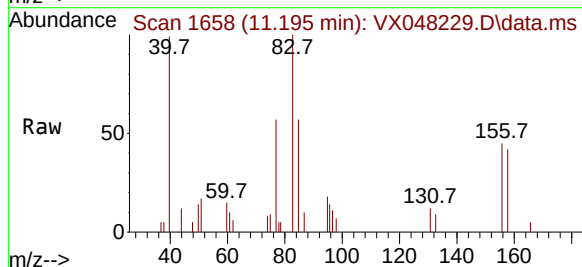
RT: 11.195 min Scan# 1658

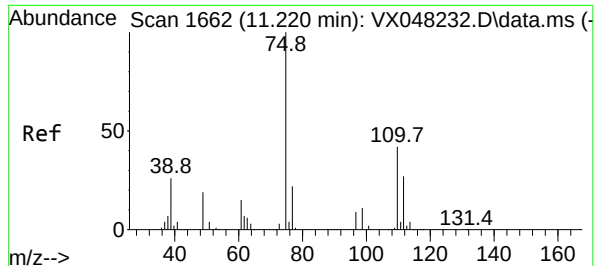
Delta R.T. 0.000 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

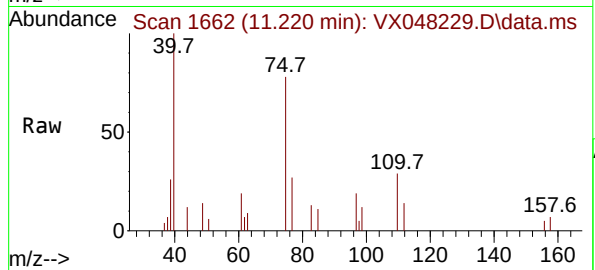
Tgt Ion:	83	Resp:	1718
Ion	Ratio	Lower	Upper
83	100		
131	8.9	4.8	14.4
85	72.1	31.9	95.7





#76
1,2,3-Trichloropropane
Concen: 1.216 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

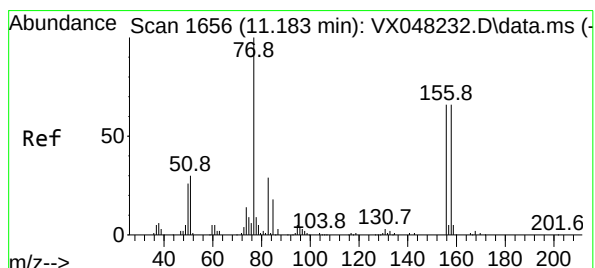
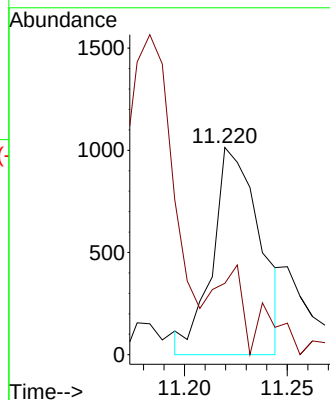
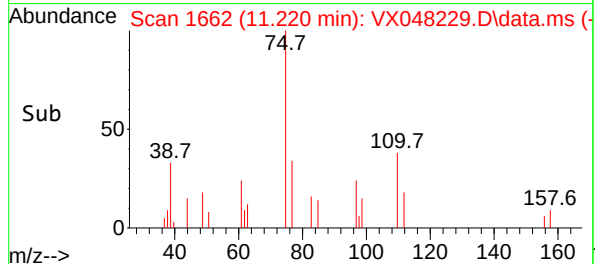
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion: 75 Resp: 161
Ion Ratio Lower Upper
75 100
77 40.2 22.4 67.2

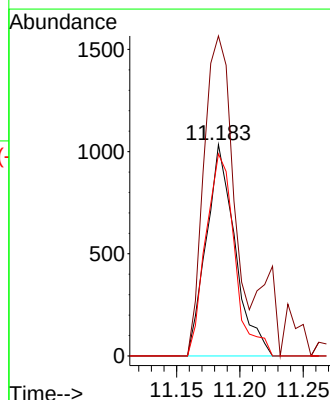
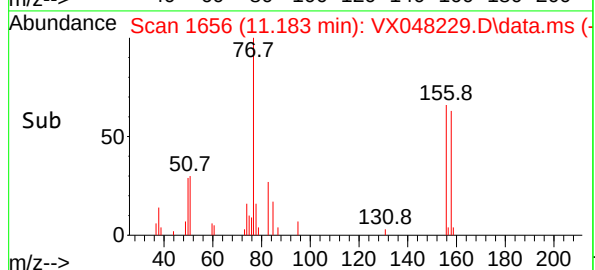
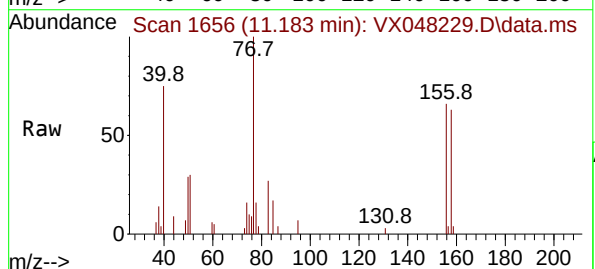
Manual Integrations
APPROVED

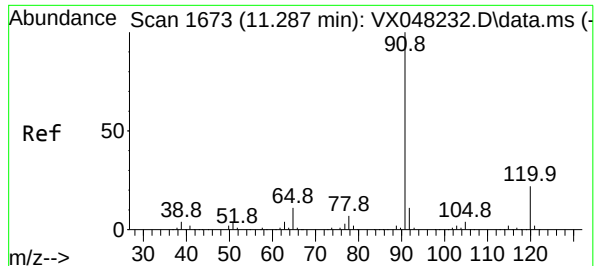
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#77
Bromobenzene
Concen: 1.080 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:156 Resp: 1635
Ion Ratio Lower Upper
156 100
77 155.2 87.0 261.0
158 96.4 47.8 143.4





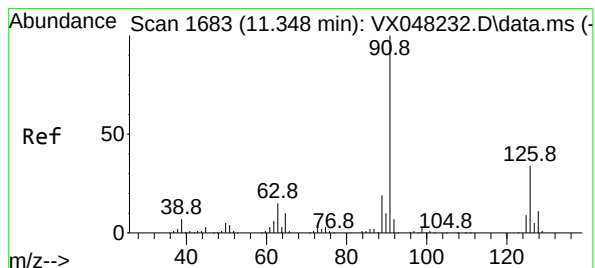
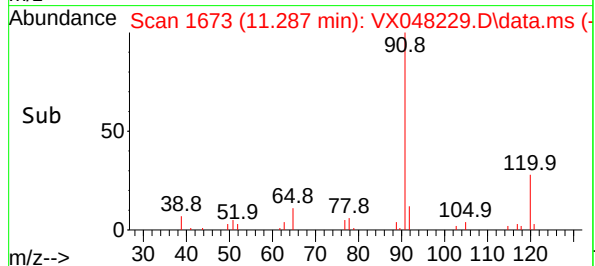
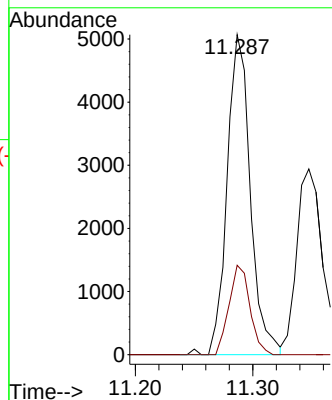
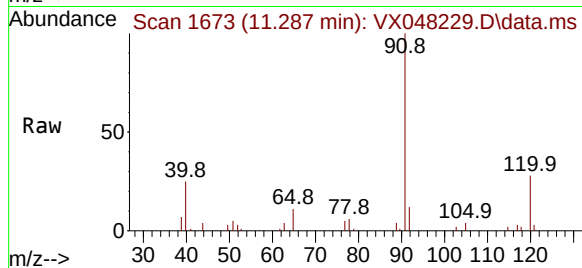
#78
n-propylbenzene
Concen: 0.949 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 6950
Ion Ratio Lower Upper
91 100
120 25.2 11.1 33.1

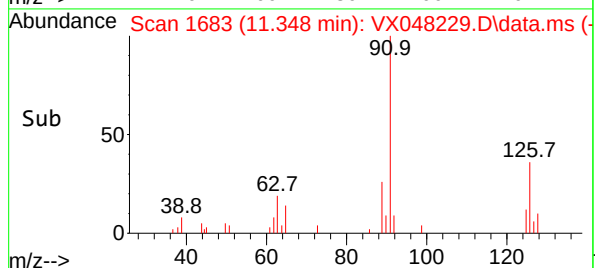
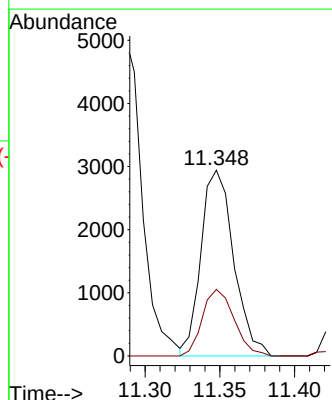
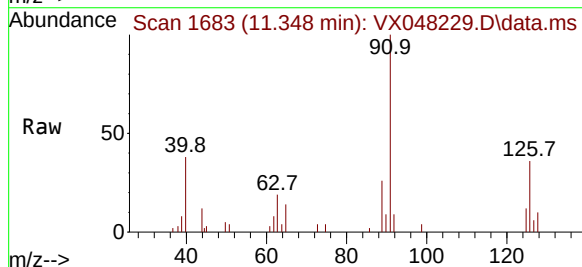
Manual Integrations
APPROVED

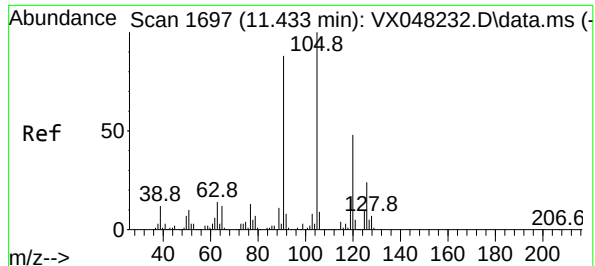
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#79
2-Chlorotoluene
Concen: 1.010 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

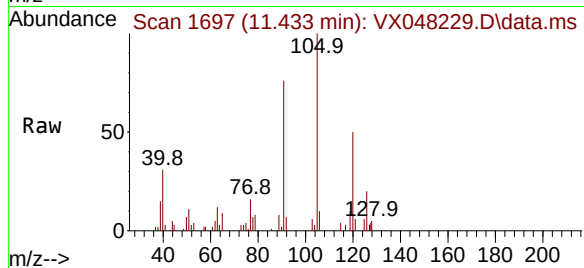
Tgt Ion: 91 Resp: 4477
Ion Ratio Lower Upper
91 100
126 34.8 16.4 49.4





#80
1,3,5-Trimethylbenzene
Concen: 1.047 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

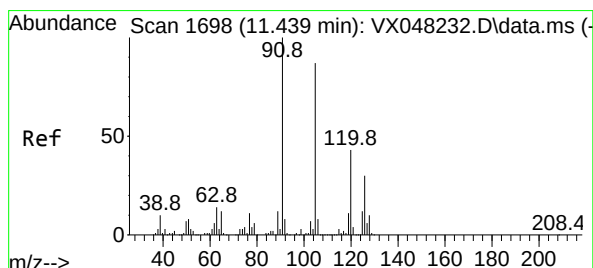
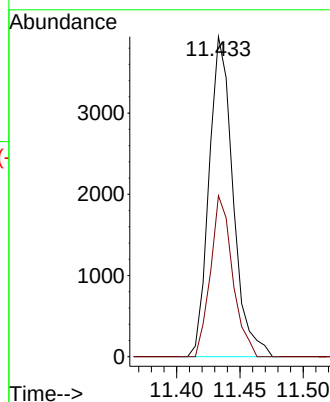
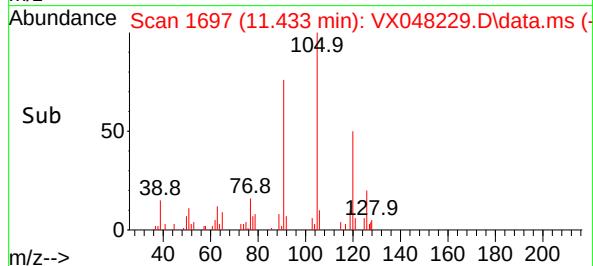
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



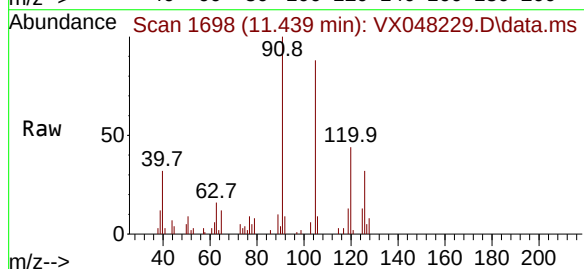
Tgt Ion:105 Resp: 5190
Ion Ratio Lower Upper
105 100
120 46.2 24.0 72.0

Manual Integrations
APPROVED

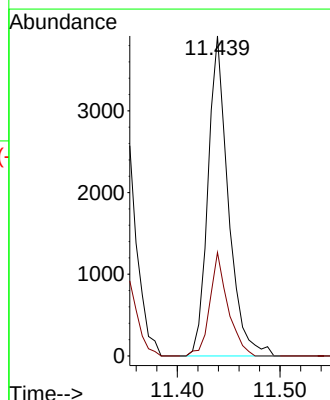
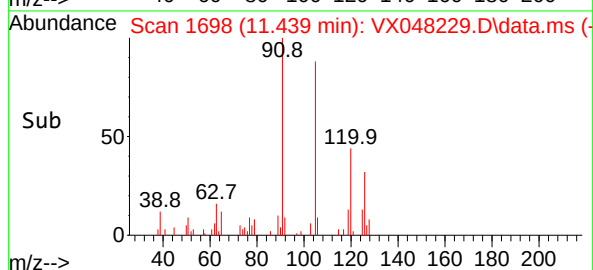
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

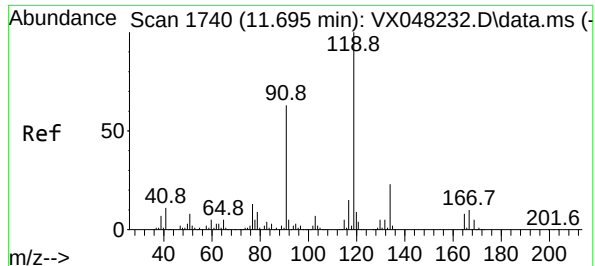


#82
4-Chlorotoluene
Concen: 1.034 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59



Tgt Ion: 91 Resp: 5385
Ion Ratio Lower Upper
91 100
126 28.7 14.1 42.4





#83

tert-Butylbenzene

Concen: 1.085 ug/l

RT: 11.695 min Scan# 1740

Delta R.T. 0.000 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

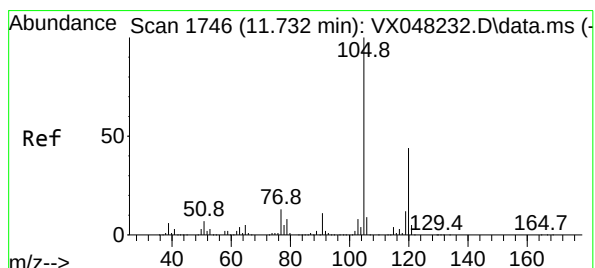
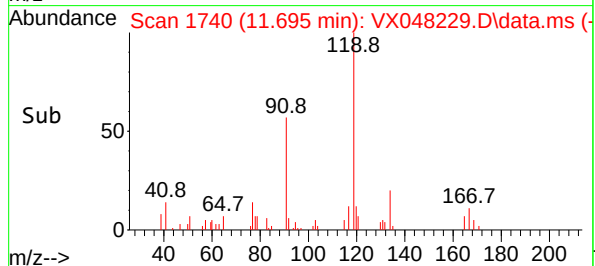
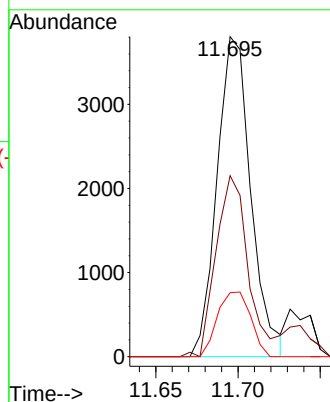
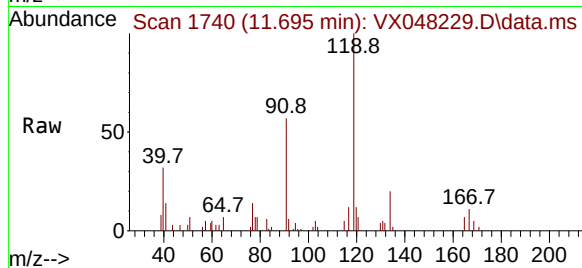
Tgt Ion:	119	Resp:	5439
Ion	Ratio	Lower	Upper
119	100		
91	53.0	30.3	91.0
134	19.9	11.4	34.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#84

1,2,4-Trimethylbenzene

Concen: 0.982 ug/l

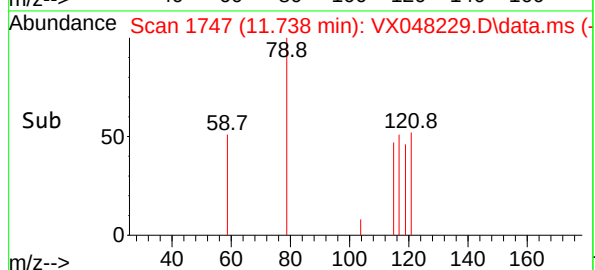
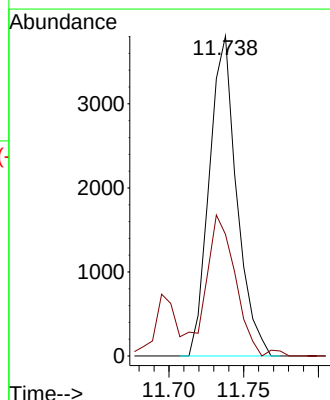
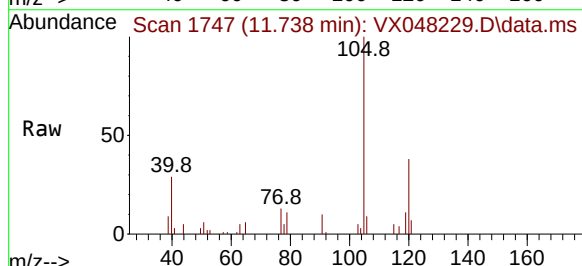
RT: 11.738 min Scan# 1747

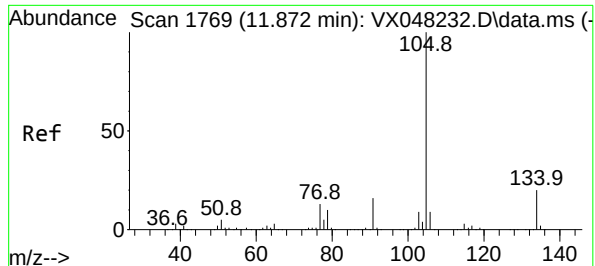
Delta R.T. 0.006 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

Tgt Ion:	105	Resp:	4854
Ion	Ratio	Lower	Upper
105	100		
120	43.9	22.1	66.5





#85

sec-Butylbenzene

Concen: 1.075 ug/l

RT: 11.872 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion:105 Resp: 6589

Ion Ratio Lower Upper

105 100

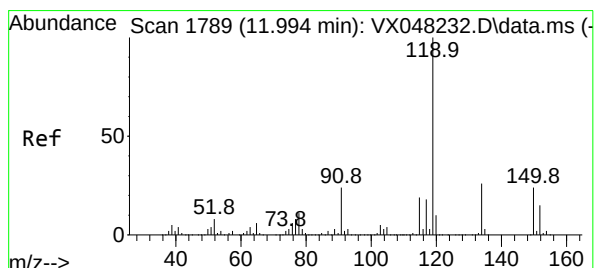
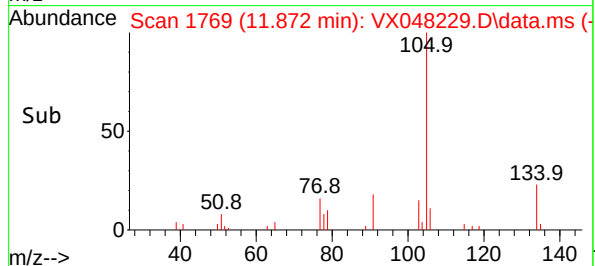
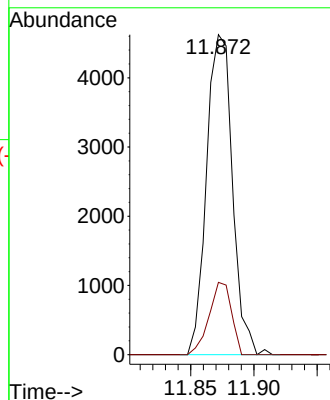
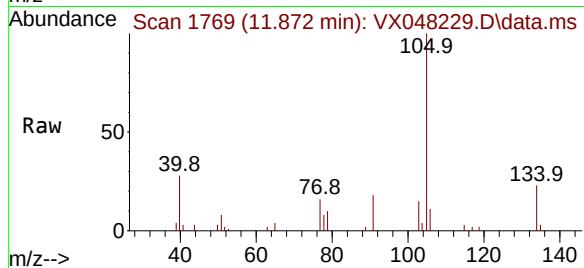
134 19.4 10.1 30.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#86

p-Isopropyltoluene

Concen: 1.125 ug/l

RT: 11.994 min Scan# 1789

Delta R.T. 0.006 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

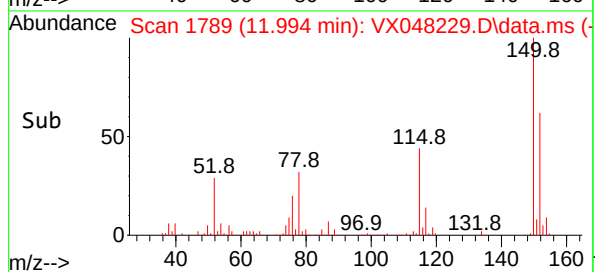
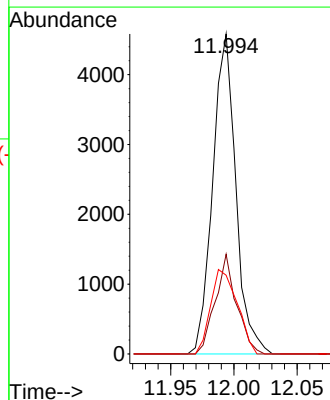
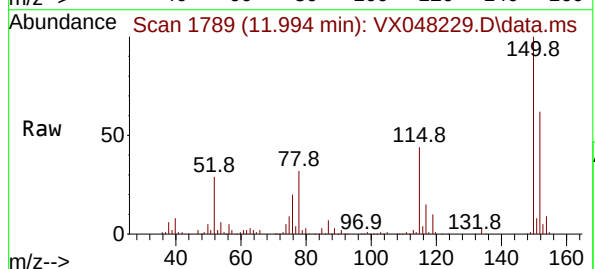
Tgt Ion:119 Resp: 5812

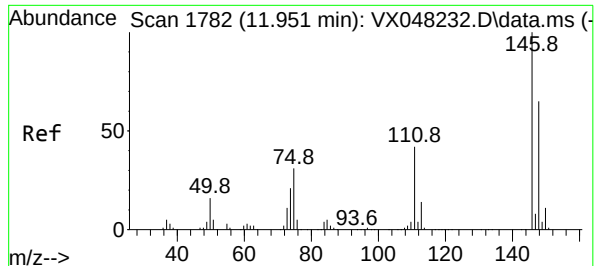
Ion Ratio Lower Upper

119 100

134 28.8 13.0 39.0

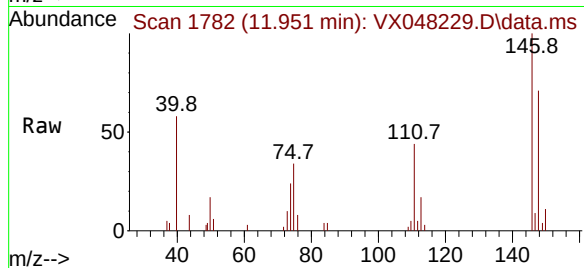
91 30.5 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 1.145 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

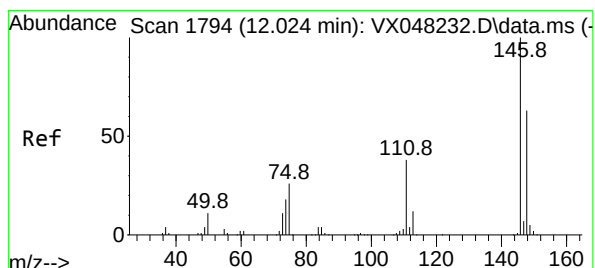
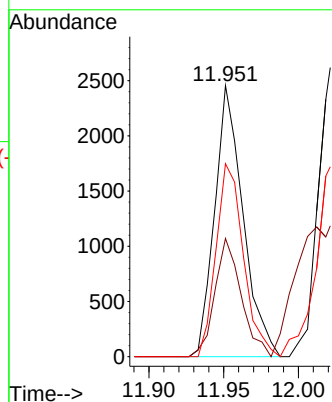
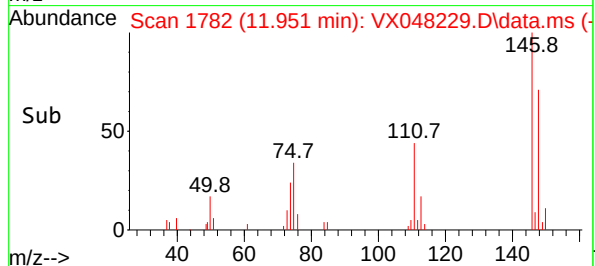
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion:146 Resp: 3239
Ion Ratio Lower Upper
146 100
111 40.5 20.4 61.2
148 68.9 31.9 95.9

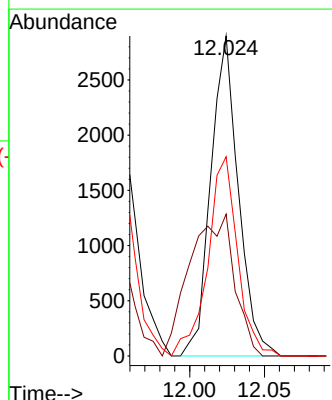
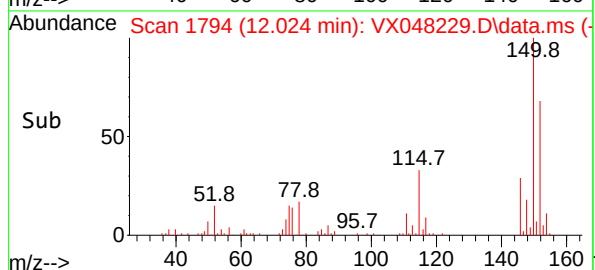
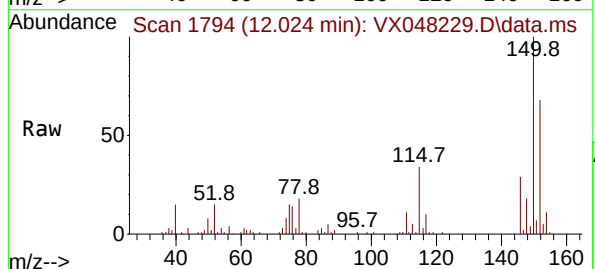
Manual Integrations
APPROVED

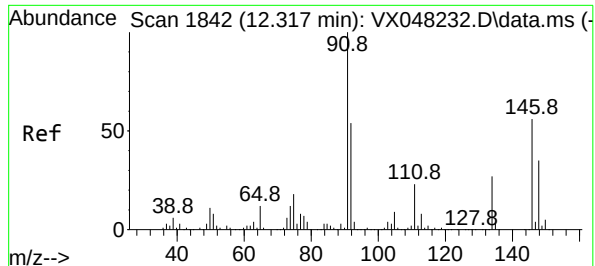
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#88
1,4-Dichlorobenzene
Concen: 1.270 ug/l m
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:146 Resp: 3727
Ion Ratio Lower Upper
146 100
111 35.2 20.1 60.2
148 59.9 31.8 95.3





#89

n-Butylbenzene

Concen: 1.202 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. 0.006 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

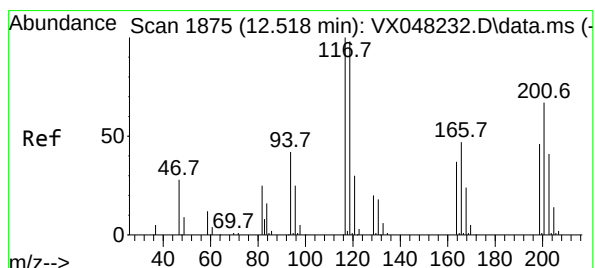
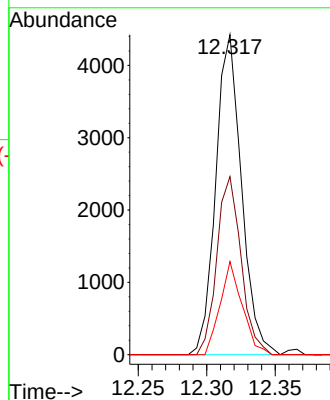
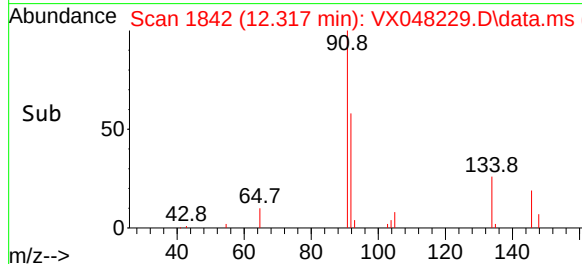
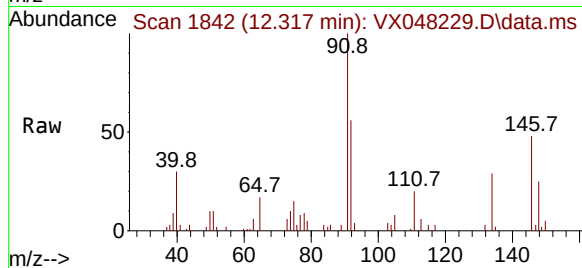
Tgt Ion:	91	Resp:	578
Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.9	80.6
134	24.9	12.7	38.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#90

Hexachloroethane

Concen: 1.084 ug/l

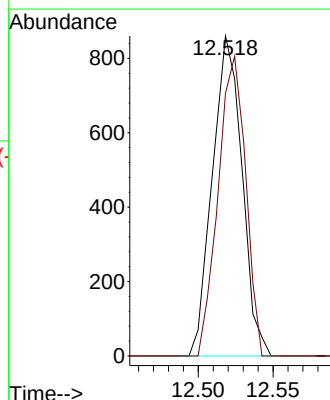
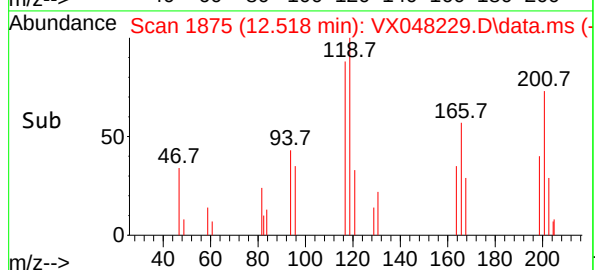
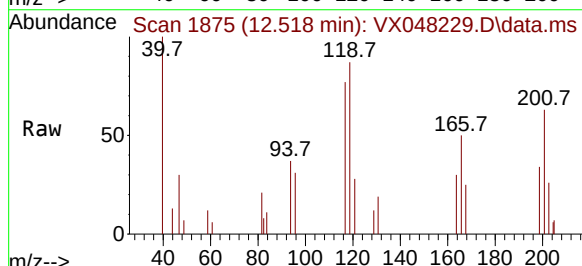
RT: 12.518 min Scan# 1875

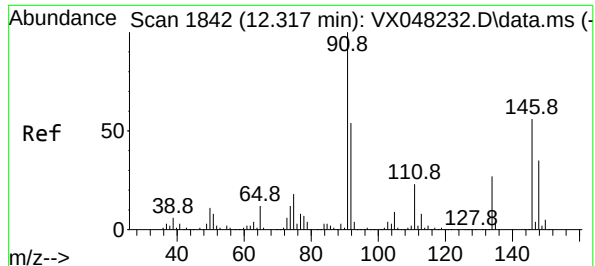
Delta R.T. 0.000 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

Tgt Ion:	117	Resp:	1182
Ion	Ratio	Lower	Upper
117	100		
201	87.1	34.1	102.2





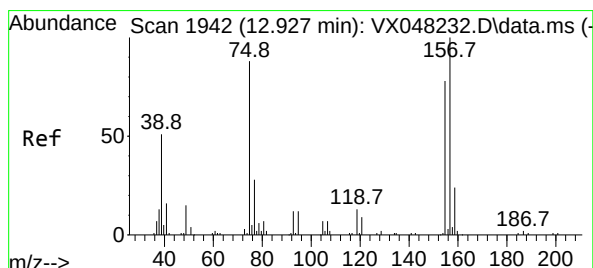
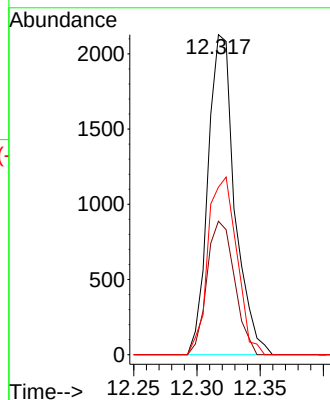
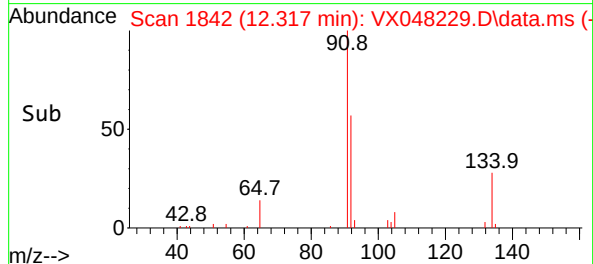
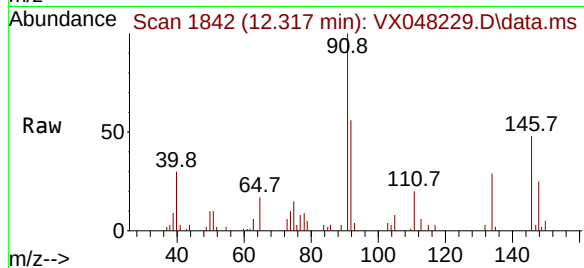
#91
1,2-Dichlorobenzene
Concen: 1.172 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:146 Resp: 313
Ion Ratio Lower Upper
146 100
111 42.9 21.9 65.5
148 59.5 31.9 95.5

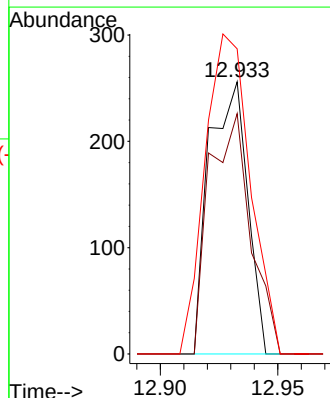
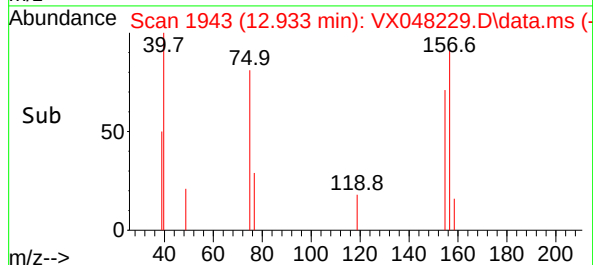
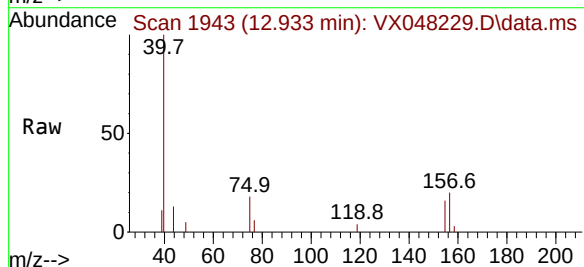
Manual Integrations
APPROVED

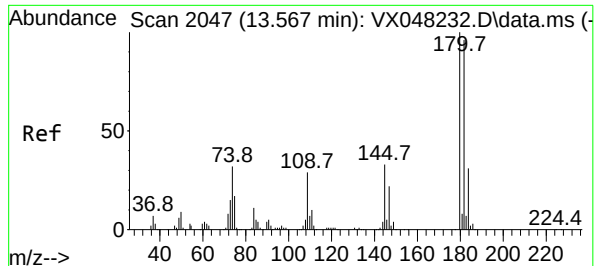
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.926 ug/l
RT: 12.933 min Scan# 1943
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 75 Resp: 290
Ion Ratio Lower Upper
75 100
155 95.2 42.8 128.4
157 139.0 54.2 162.6





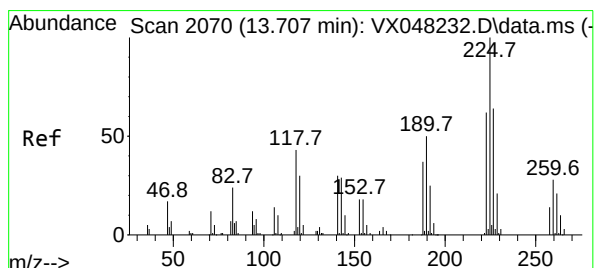
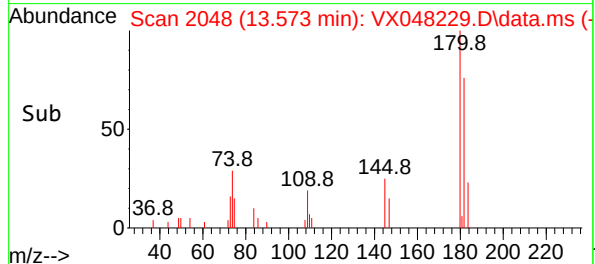
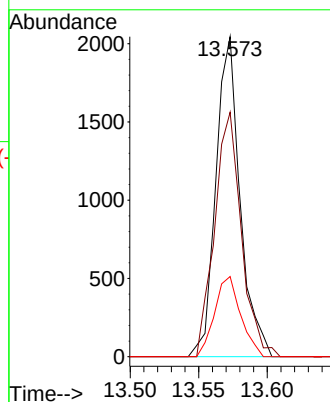
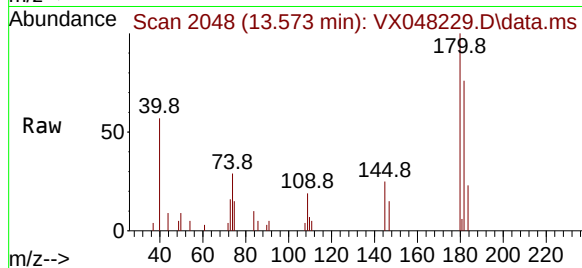
#93
1,2,4-Trichlorobenzene
Concen: 1.587 ug/l
RT: 13.573 min Scan# 2047
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion	Ratio	Lower	Upper
180	100		
182	84.5	47.3	142.0
145	27.1	16.3	48.9

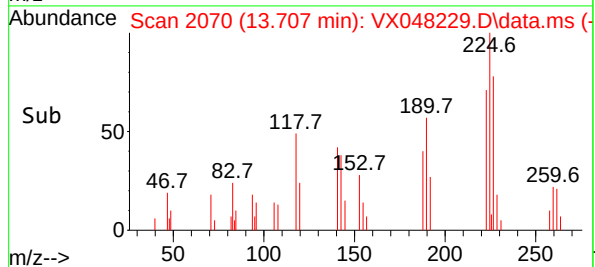
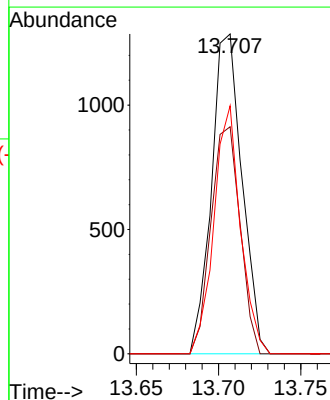
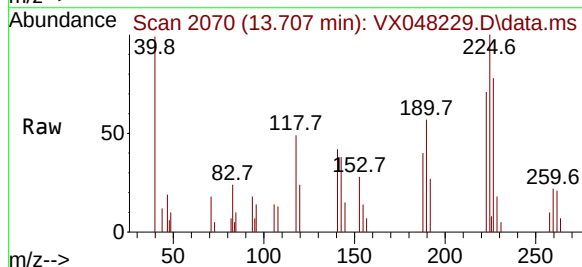
Manual Integrations
APPROVED

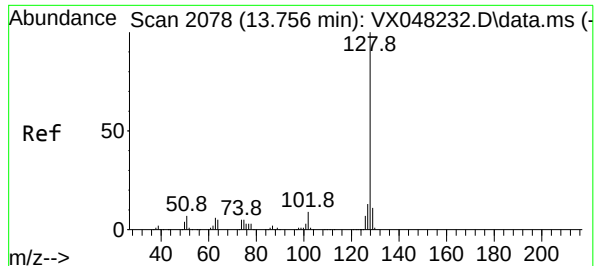
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#94
Hexachlorobutadiene
Concen: 2.724 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

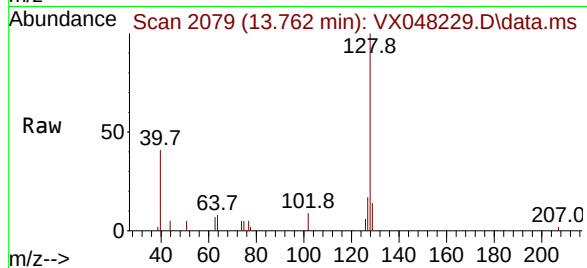
Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.8	32.6	97.7
227	67.7	32.5	97.4





#95
Naphthalene
Concen: 1.230 ug/l
RT: 13.762 min Scan# 2078
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

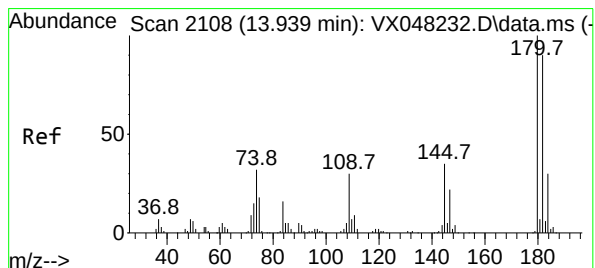
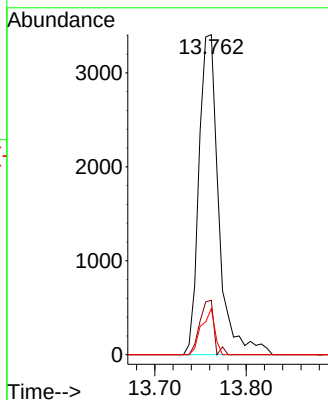
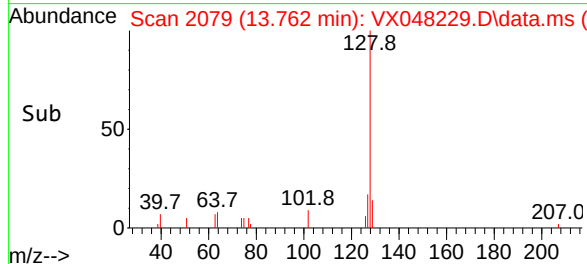
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion:128 Resp: 5110
Ion Ratio Lower Upper
128 100
127 12.1 10.2 15.4
129 9.7 8.6 12.8

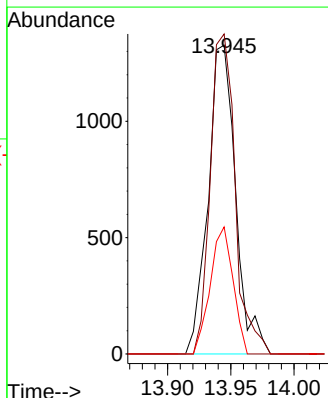
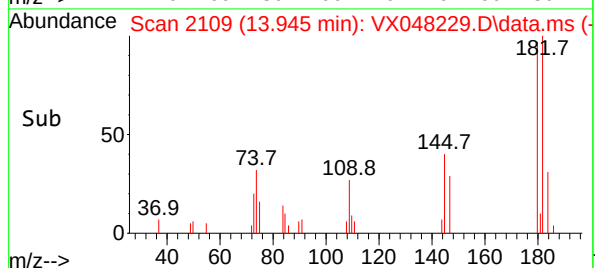
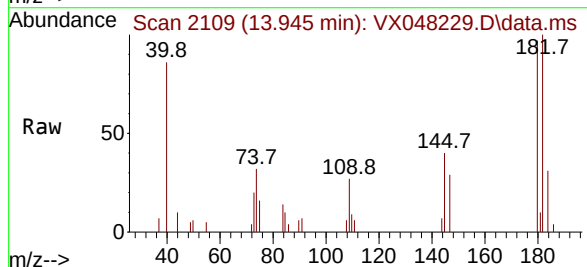
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#96
1,2,3-Trichlorobenzene
Concen: 1.377 ug/l
RT: 13.945 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:180 Resp: 2006
Ion Ratio Lower Upper
180 100
182 93.5 46.6 139.7
145 34.1 16.9 50.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
 Data File : VX048231.D
 Acq On : 20 Oct 2025 11:40
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/21/2025
 Supervised By : Semsettin Yesilyurt 10/21/2025

Quant Time: Oct 20 12:37:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 12:35:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	119626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	195028	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	178975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	90972	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	33936	18.312	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	36.620%#		
35) Dibromofluoromethane	5.373	113	26897	19.872	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	39.740%#		
50) Toluene-d8	8.635	98	92476	18.965	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	37.920%#		
62) 4-Bromofluorobenzene	11.061	95	34724	19.551	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	39.100%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.179	85	24524	19.532	ug/l	98
3) Chloromethane	1.300	50	22401	14.727	ug/l	100
4) Vinyl Chloride	1.380	62	20913	13.048	ug/l	94
5) Bromomethane	1.617	94	15473	14.517	ug/l	100
6) Chloroethane	1.697	64	13249	12.990	ug/l	93
7) Trichlorofluoromethane	1.898	101	41824	16.625	ug/l	98
8) Diethyl Ether	2.136	74	12293	14.325	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.337	101	25843	18.229	ug/l	96
10) Methyl Iodide	2.459	142	30452	17.934	ug/l	99
11) Tert butyl alcohol	2.947	59	16521	134.353	ug/l	100
12) 1,1-Dichloroethene	2.325	96	26209	18.907	ug/l	92
13) Acrolein	2.239	56	15157	58.651	ug/l	99
14) Allyl chloride	2.666	41	43494	17.443	ug/l	98
15) Acrylonitrile	3.056	53	63931	108.499	ug/l	97
16) Acetone	2.373	43	59884	94.723	ug/l	96
17) Carbon Disulfide	2.520	76	77142	18.087	ug/l	98
18) Methyl Acetate	2.703	43	26374	20.482	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	91349	21.877	ug/l	100
20) Methylene Chloride	2.794	84	31157	20.231	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	28001	19.525	ug/l	94
22) Diisopropyl ether	3.751	45	90030	18.439	ug/l	87
23) Vinyl Acetate	3.715	43	364009	99.706	ug/l	98
24) 1,1-Dichloroethane	3.605	63	51927	18.746	ug/l	98
25) 2-Butanone	4.544	43	78643	106.774	ug/l	95
26) 2,2-Dichloropropane	4.465	77	46568	19.669	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	33508	19.688	ug/l	98
28) Bromochloromethane	4.891	49	19339	15.146	ug/l	90
29) Tetrahydrofuran	4.995	42	47457	109.718	ug/l	94
30) Chloroform	5.080	83	57780	19.813	ug/l	99
31) Cyclohexane	5.464	56	42796	18.882	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	51929	21.672	ug/l	98
36) 1,1-Dichloropropene	5.684	75	38270	20.071	ug/l	99
37) Ethyl Acetate	4.702	43	30904	20.280	ug/l #	95
38) Carbon Tetrachloride	5.666	117	46323	21.166	ug/l	98
39) Methylcyclohexane	7.366	83	42776	19.897	ug/l	94
40) Benzene	6.025	78	115488	20.398	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
 Data File : VX048231.D
 Acq On : 20 Oct 2025 11:40
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025

Quant Time: Oct 20 12:37:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 12:35:14 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	18461	22.621	ug/l	97
42) 1,2-Dichloroethane	6.074	62	44176	21.778	ug/l	100
43) Isopropyl Acetate	6.324	43	55317	21.625	ug/l	96
44) Trichloroethene	7.110	130	29108	20.399	ug/l	90
45) 1,2-Dichloropropane	7.421	63	28242	19.709	ug/l	97
46) Dibromomethane	7.568	93	21605	20.955	ug/l	92
47) Bromodichloromethane	7.805	83	46221	20.743	ug/l	100
48) Methyl methacrylate	7.677	41	27751	21.193	ug/l	94
49) 1,4-Dioxane	7.647	88	7620	646.470	ug/l	91
51) 4-Methyl-2-Pentanone	8.555	43	164708	115.713	ug/l	94
52) Toluene	8.702	92	73623	21.635	ug/l	98
53) t-1,3-Dichloropropene	8.964	75	45416	21.756	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	47130	20.713	ug/l	96
55) 1,1,2-Trichloroethane	9.134	97	27884	21.961	ug/l	98
56) Ethyl methacrylate	9.104	69	41809	24.210	ug/l	93
57) 1,3-Dichloropropane	9.293	76	47896	21.591	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	104883	118.278	ug/l	96
59) 2-Hexanone	9.415	43	116268	116.777	ug/l	95
60) Dibromochloromethane	9.506	129	37127	23.361	ug/l	98
61) 1,2-Dibromoethane	9.598	107	30639	23.533	ug/l	96
64) Tetrachloroethene	9.256	164	27043	21.550	ug/l	89
65) Chlorobenzene	10.061	112	83004	21.211	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	30278	21.471	ug/l	98
67) Ethyl Benzene	10.177	91	139895	20.852	ug/l	98
68) m/p-Xylenes	10.287	106	107377	42.962	ug/l	100
69) o-Xylene	10.622	106	50950	21.655	ug/l	98
70) Styrene	10.640	104	88481	21.848	ug/l	99
71) Bromoform	10.780	173	25027	24.168	ug/l #	100
73) Isopropylbenzene	10.945	105	133034	21.025	ug/l	99
74) N-amyl acetate	10.829	43	48726	20.642	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.195	83	38748	21.616	ug/l	98
76) 1,2,3-Trichloropropane	11.219	75	29913m	21.533	ug/l	
77) Bromobenzene	11.183	156	33843	21.374	ug/l	95
78) n-propylbenzene	11.286	91	154839	20.180	ug/l	98
79) 2-Chlorotoluene	11.347	91	95156	20.526	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	112057	21.575	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	12001	21.154	ug/l	94
82) 4-Chlorotoluene	11.439	91	113495	20.833	ug/l	98
83) tert-Butylbenzene	11.695	119	112305	21.403	ug/l	97
84) 1,2,4-Trimethylbenzene	11.732	105	111976	21.652	ug/l	100
85) sec-Butylbenzene	11.872	105	134014	20.891	ug/l	100
86) p-Isopropyltoluene	11.994	119	114969	21.263	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	63377	21.403	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	65612	21.375	ug/l	99
89) n-Butylbenzene	12.317	91	102140	20.281	ug/l	99
90) Hexachloroethane	12.518	117	22609	19.811	ug/l	94
91) 1,2-Dichlorobenzene	12.317	146	59345	21.212	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	7983	24.372	ug/l	94
93) 1,2,4-Trichlorobenzene	13.567	180	35465	21.473	ug/l	98
94) Hexachlorobutadiene	13.707	225	14529	22.810	ug/l	98
95) Naphthalene	13.756	128	104803	24.073	ug/l	99
96) 1,2,3-Trichlorobenzene	13.945	180	34276	22.493	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048231.D
Acq On : 20 Oct 2025 11:40
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

Quant Time: Oct 20 12:37:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 12:35:14 2025
Response via : Initial Calibration

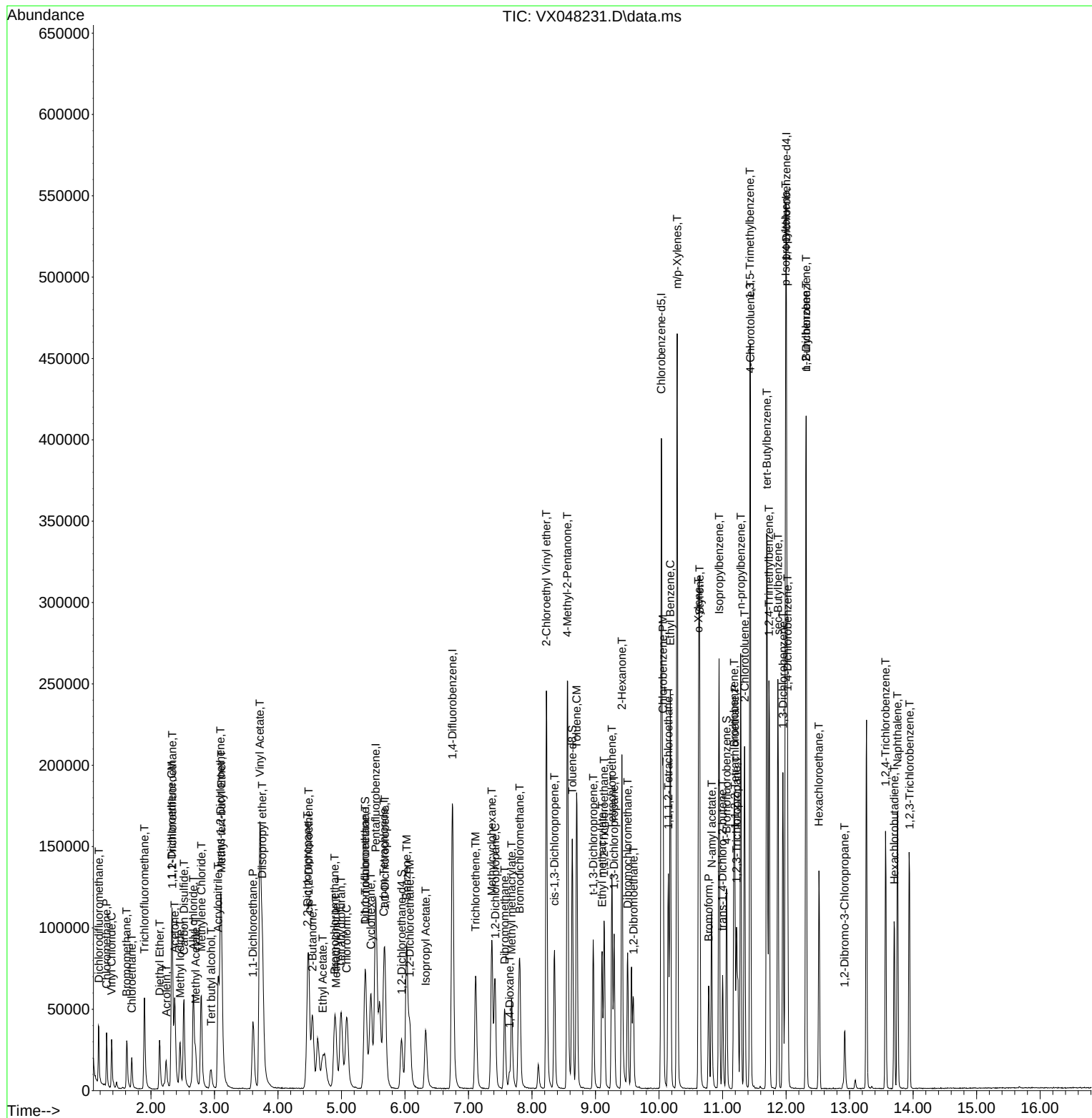
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

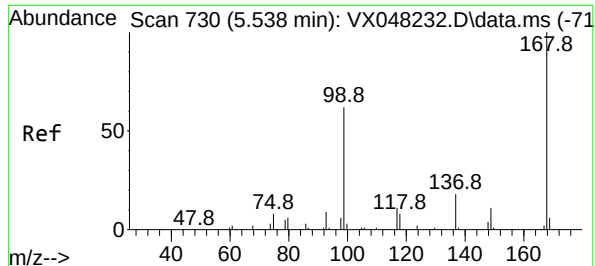
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025





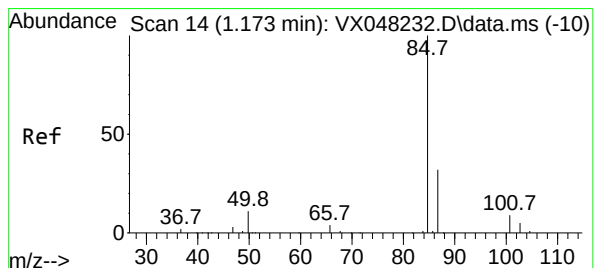
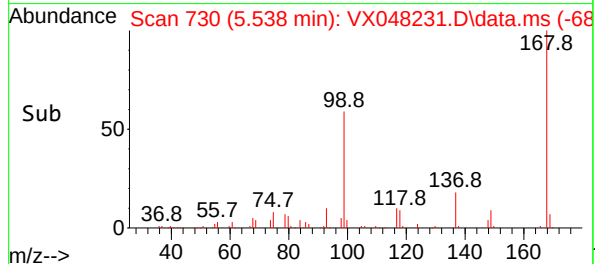
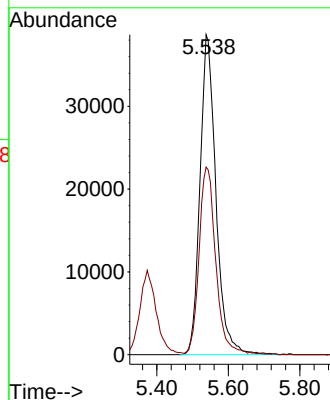
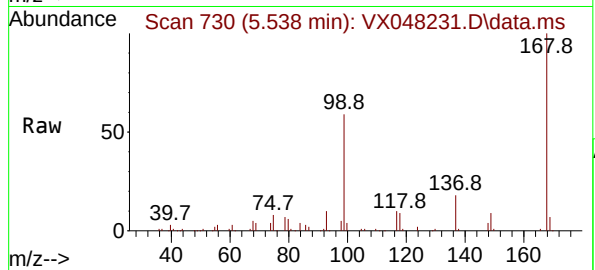
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:168 Resp: 119620
Ion Ratio Lower Upper
168 100
99 58.7 46.4 69.6

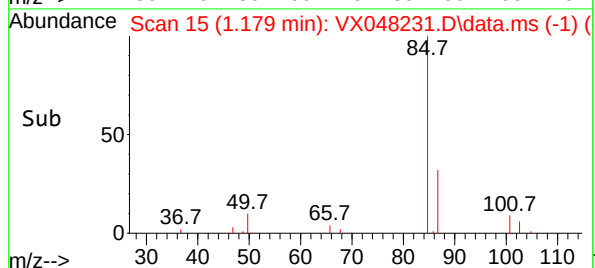
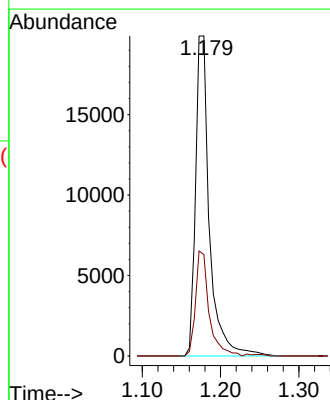
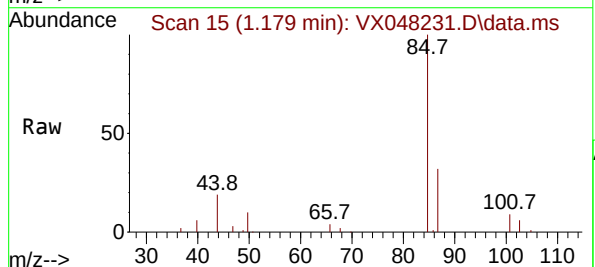
Manual Integrations
APPROVED

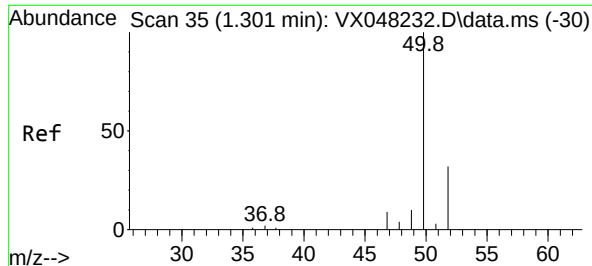
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#2
Dichlorodifluoromethane
Concen: 19.532 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

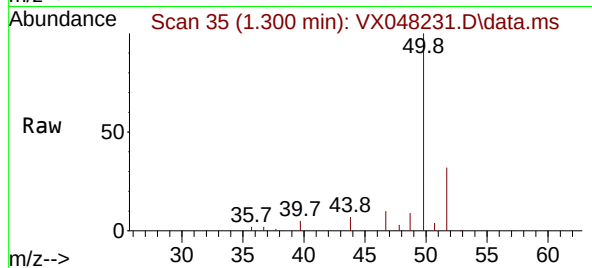
Tgt Ion: 85 Resp: 24524
Ion Ratio Lower Upper
85 100
87 31.7 15.3 45.9





#3
Chloromethane
Concen: 14.727 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

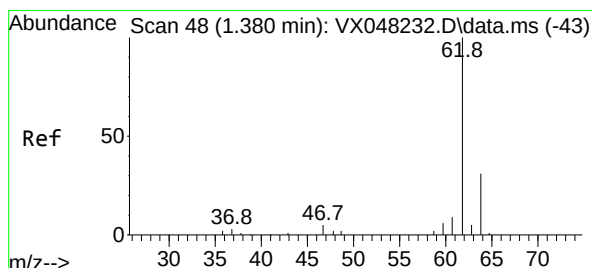
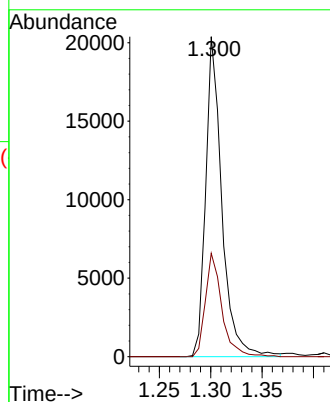
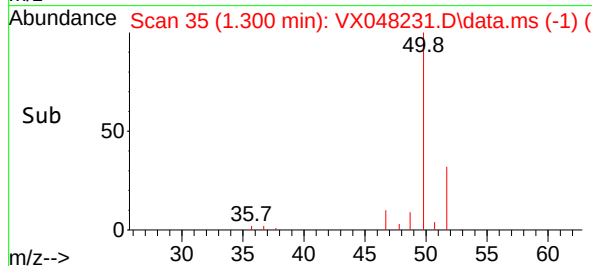
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 50 Resp: 2240
Ion Ratio Lower Upper
50 100
52 32.3 25.9 38.9

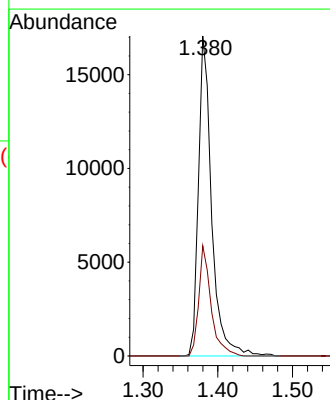
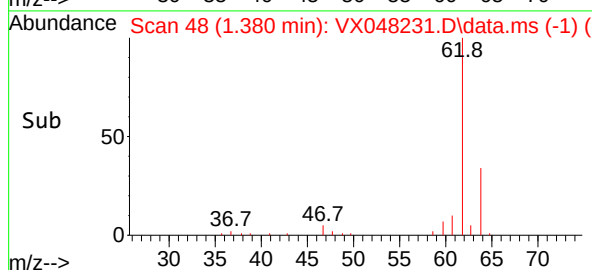
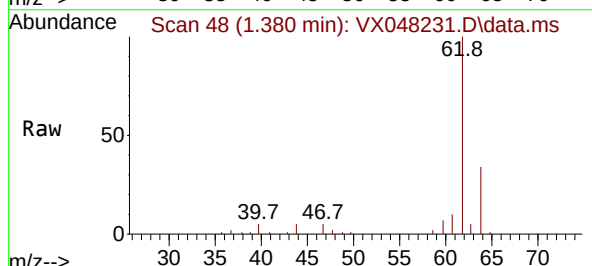
Manual Integrations
APPROVED

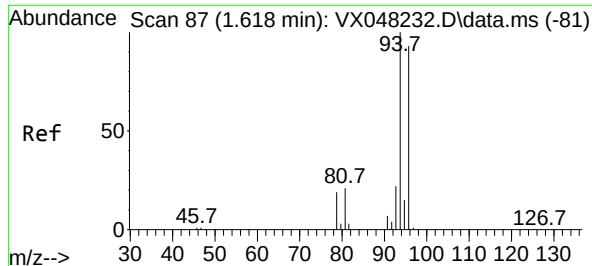
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#4
Vinyl Chloride
Concen: 13.048 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 62 Resp: 20913
Ion Ratio Lower Upper
62 100
64 34.5 25.1 37.7





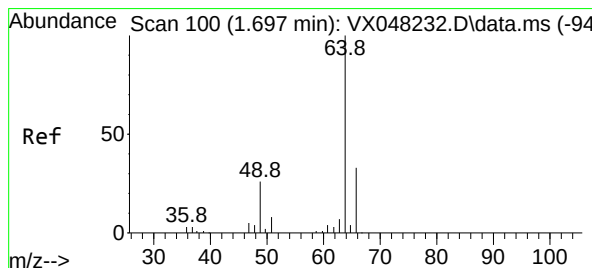
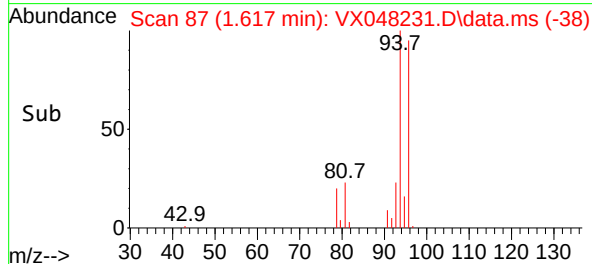
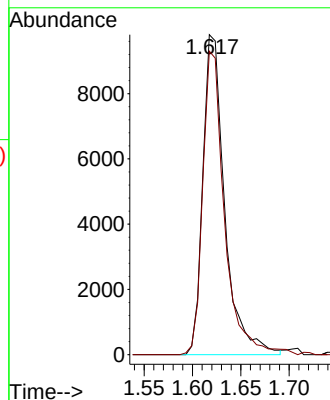
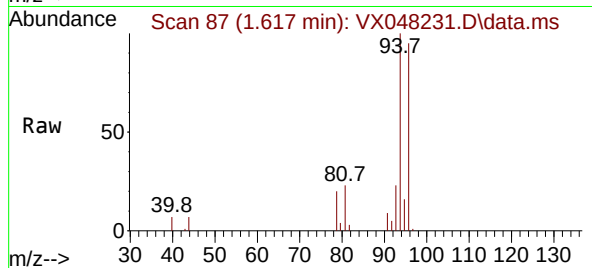
#5
Bromomethane
Concen: 14.517 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 94 Resp: 1547
Ion Ratio Lower Upper
94 100
96 94.8 76.0 114.0

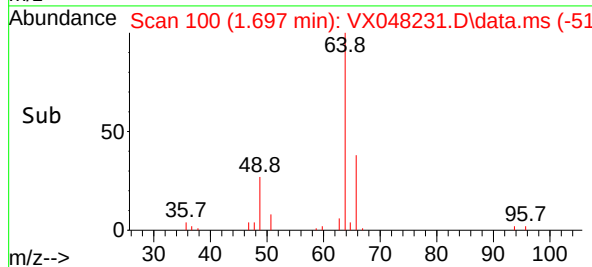
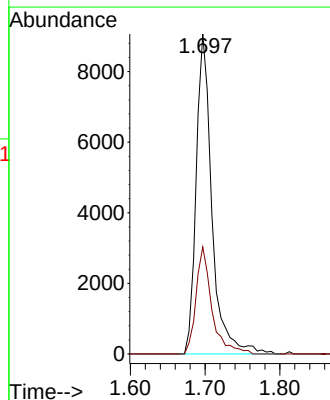
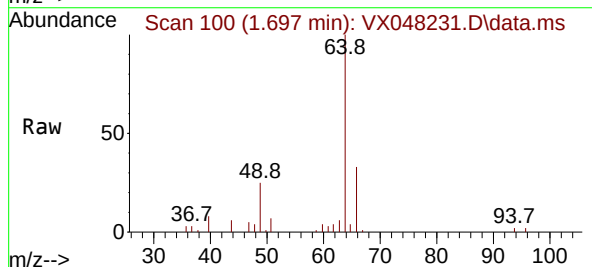
Manual Integrations
APPROVED

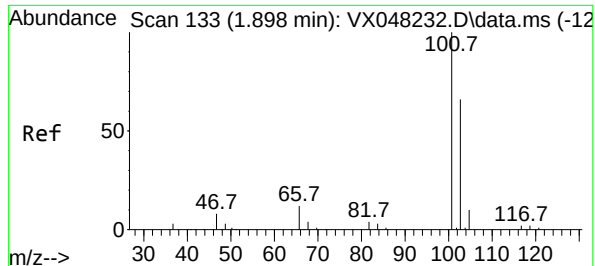
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#6
Chloroethane
Concen: 12.990 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

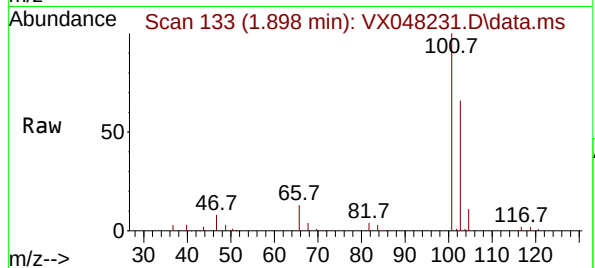
Tgt Ion: 64 Resp: 13249
Ion Ratio Lower Upper
64 100
66 33.4 23.9 35.9





#7
Trichlorofluoromethane
Concen: 16.625 ug/l
RT: 1.898 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

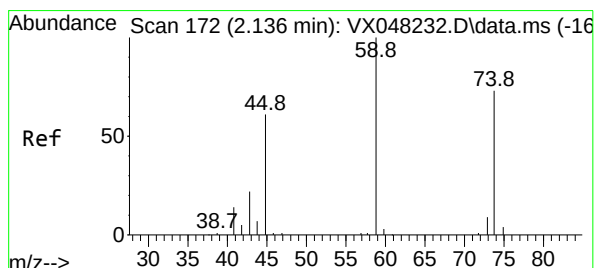
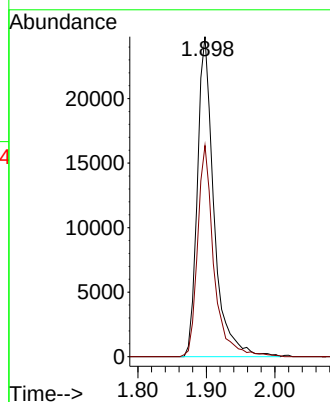
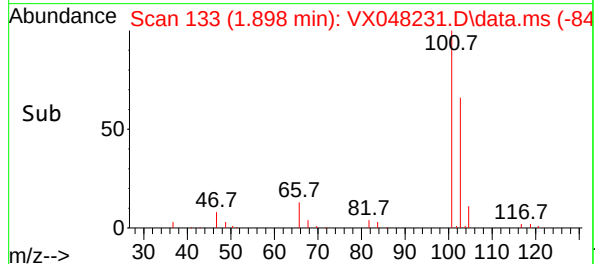
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:101 Resp: 41824
Ion Ratio Lower Upper
101 100
103 66.0 51.6 77.4

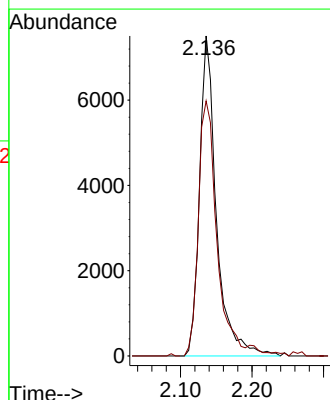
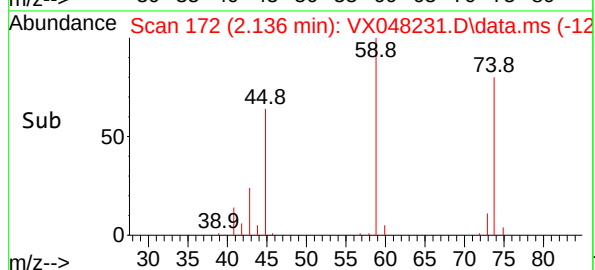
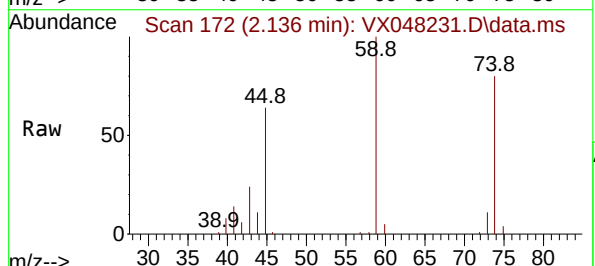
Manual Integrations
APPROVED

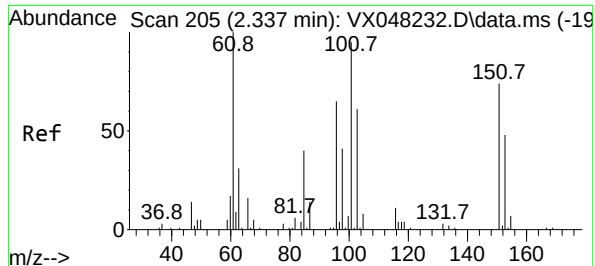
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#8
Diethyl Ether
Concen: 14.325 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 74 Resp: 12293
Ion Ratio Lower Upper
74 100
45 86.6 50.0 149.8





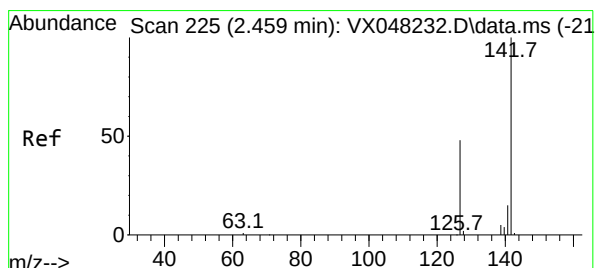
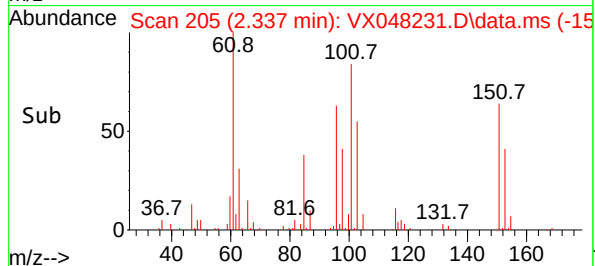
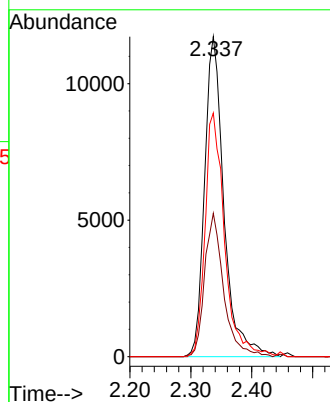
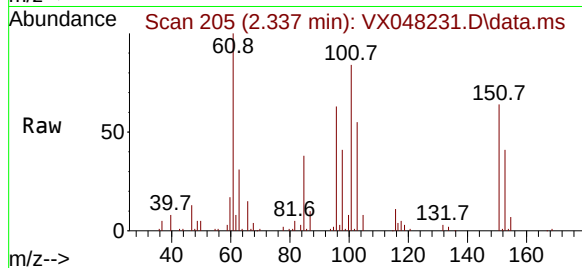
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.229 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 2584
Ion Ratio Lower Upper
101 100
85 44.1 35.6 53.4
151 76.9 58.0 87.0

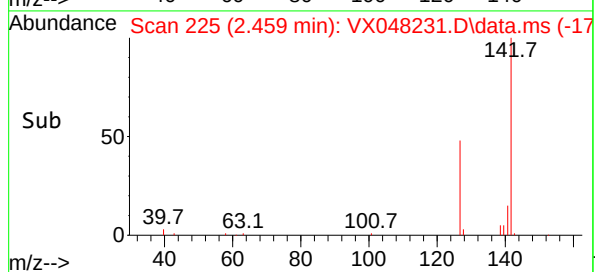
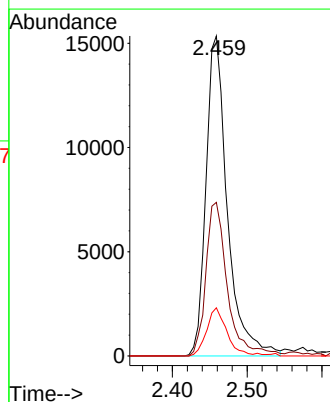
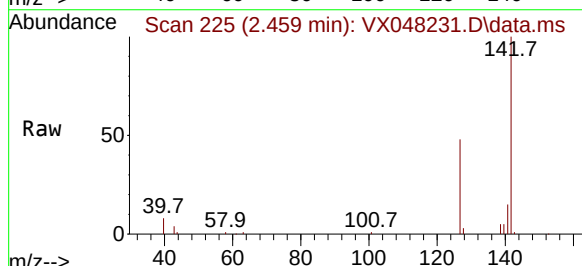
Manual Integrations
APPROVED

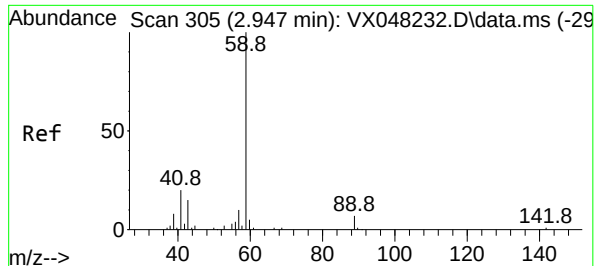
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#10
Methyl Iodide
Concen: 17.934 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:142 Resp: 30452
Ion Ratio Lower Upper
142 100
127 48.4 38.5 57.7
141 14.2 11.6 17.4





#11

Tert butyl alcohol

Concen: 134.353 ug/l

RT: 2.947 min Scan# 305

Delta R.T. 0.006 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 59 Resp: 1652

Ion Ratio Lower Upper

59 100

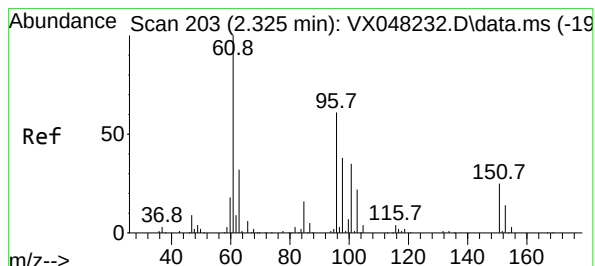
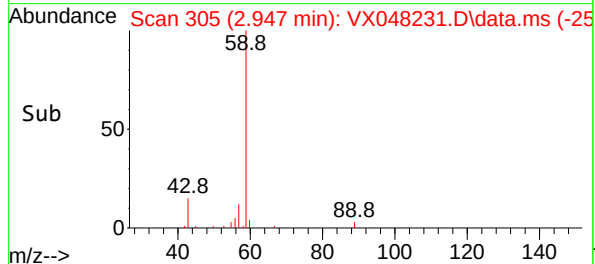
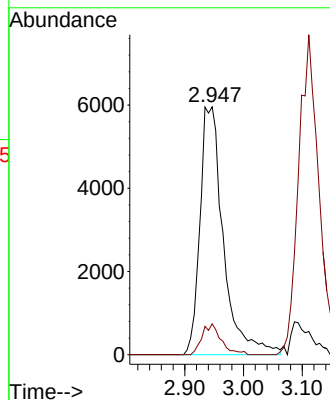
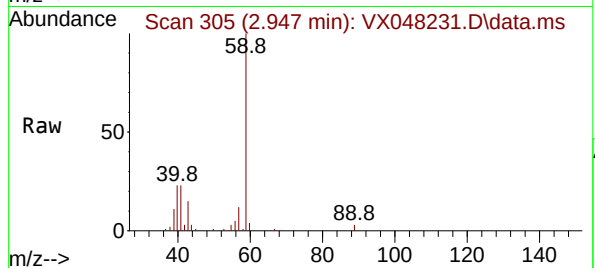
57 10.1 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#12

1,1-Dichloroethene

Concen: 18.907 ug/l

RT: 2.325 min Scan# 203

Delta R.T. -0.000 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

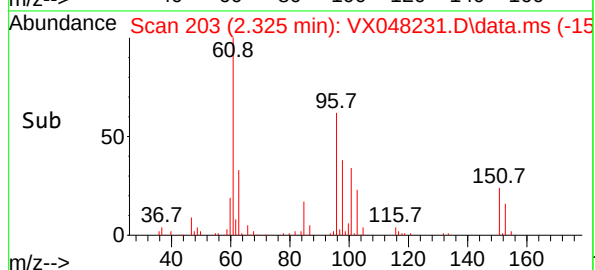
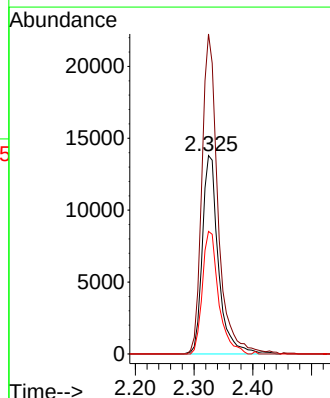
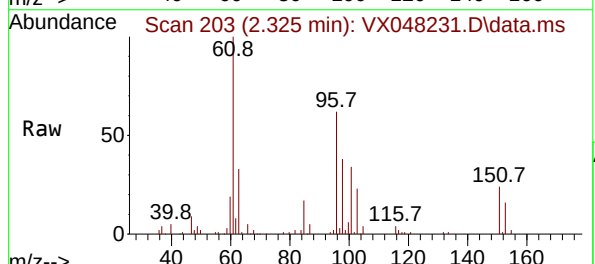
Tgt Ion: 96 Resp: 26209

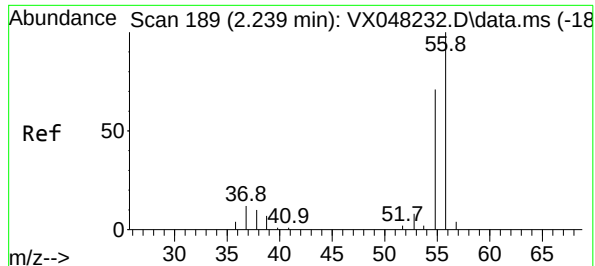
Ion Ratio Lower Upper

96 100

61 161.3 139.0 208.6

98 61.7 52.4 78.6





#13

Acrolein

Concen: 58.651 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.006 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 56 Resp: 1515

Ion Ratio Lower Upper

56 100

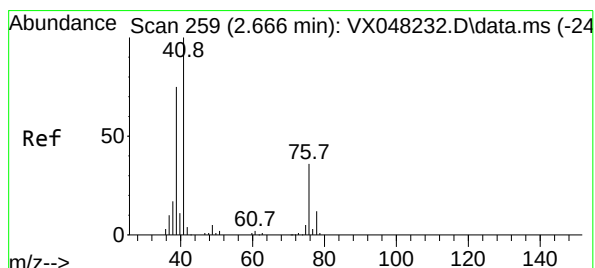
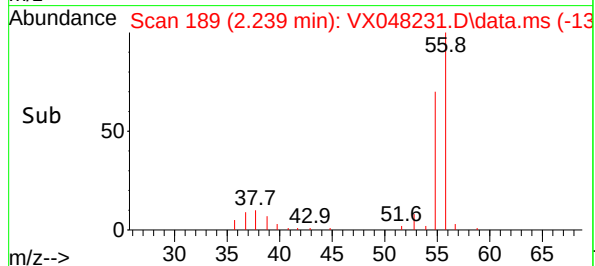
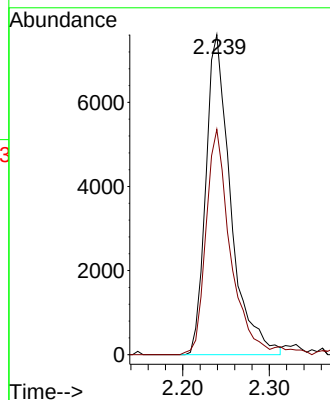
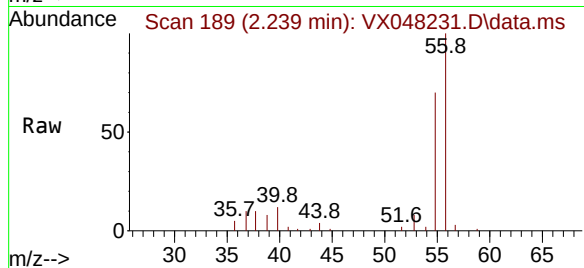
55 70.8 56.1 84.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#14

Allyl chloride

Concen: 17.443 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.000 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

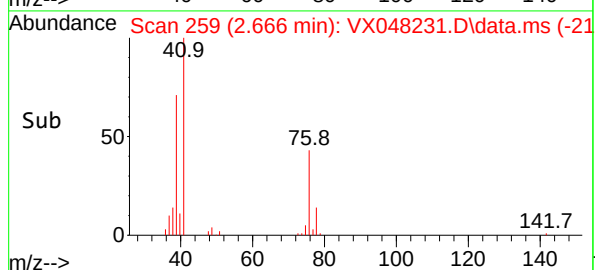
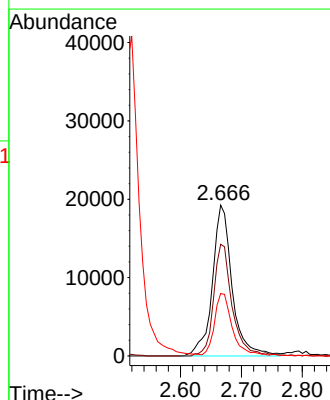
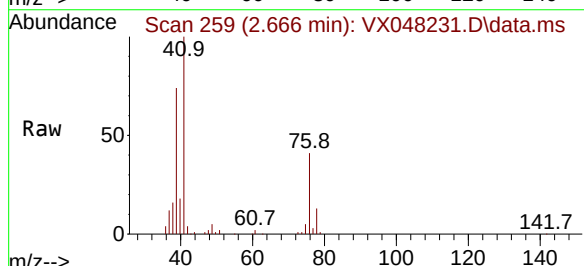
Tgt Ion: 41 Resp: 43494

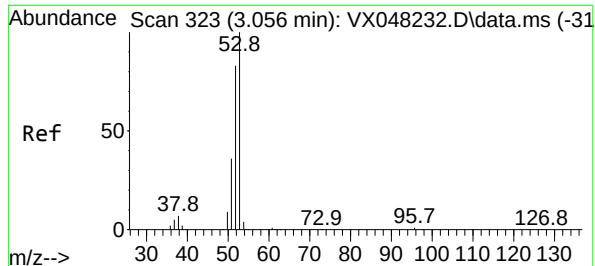
Ion Ratio Lower Upper

41 100

39 69.2 56.0 84.0

76 36.0 27.5 41.3





#15

Acrylonitrile

Concen: 108.499 ug/l

RT: 3.056 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 53 Resp: 6393

Ion Ratio Lower Upper

53 100

52 86.2 66.1 99.1

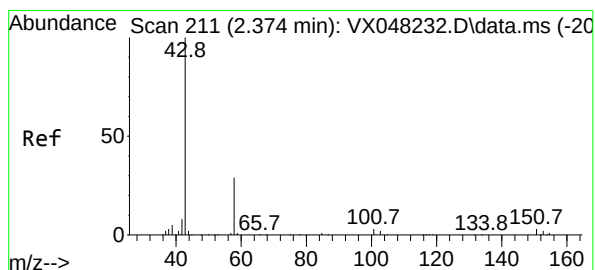
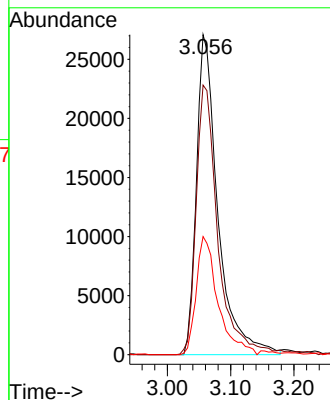
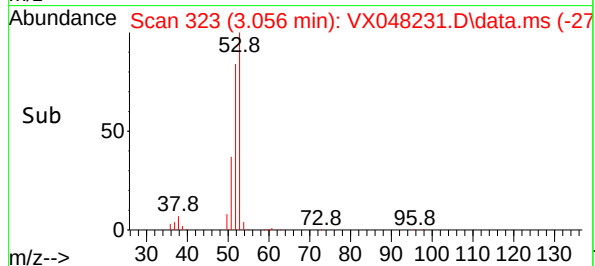
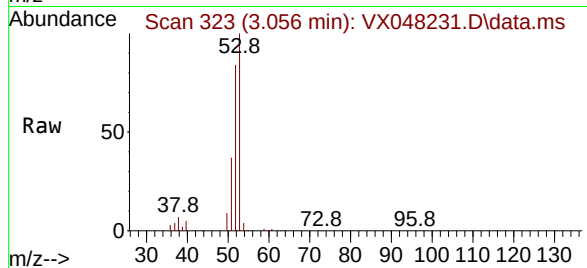
51 37.4 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#16

Acetone

Concen: 94.723 ug/l

RT: 2.373 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX048231.D

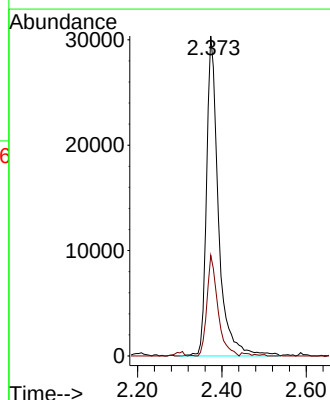
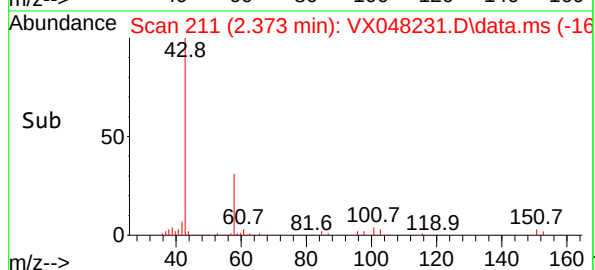
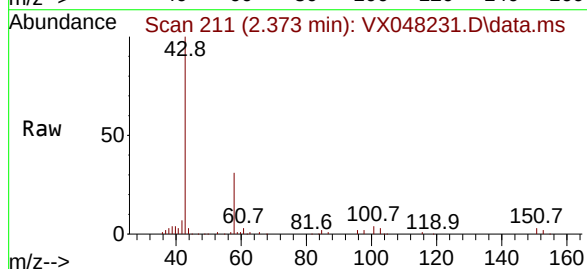
Acq: 20 Oct 2025 11:40

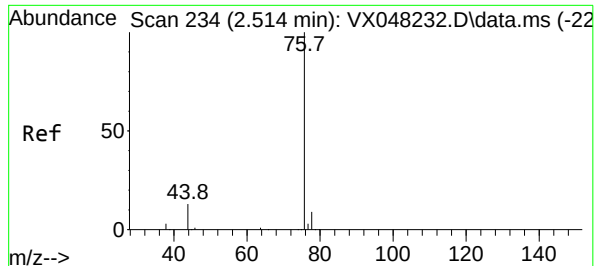
Tgt Ion: 43 Resp: 59884

Ion Ratio Lower Upper

43 100

58 31.3 23.4 35.2





#17

Carbon Disulfide

Concen: 18.087 ug/l

RT: 2.520 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 7714

Ion Ratio Lower Upper

76 100

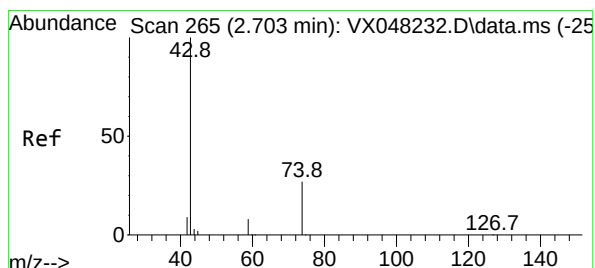
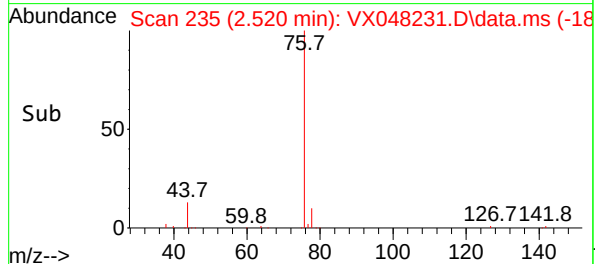
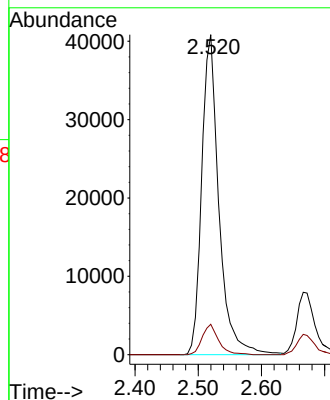
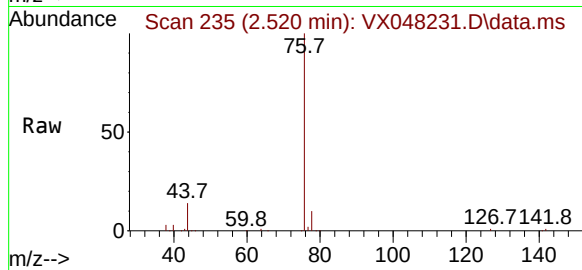
78 9.5 7.1 10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#18

Methyl Acetate

Concen: 20.482 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.006 min

Lab File: VX048231.D

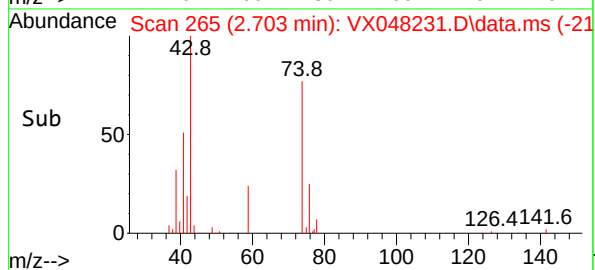
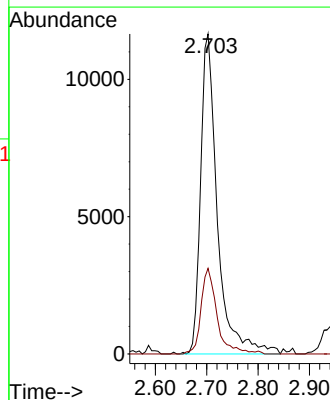
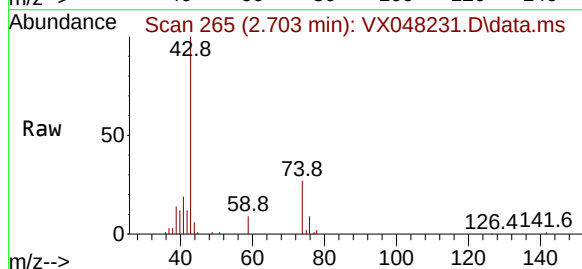
Acq: 20 Oct 2025 11:40

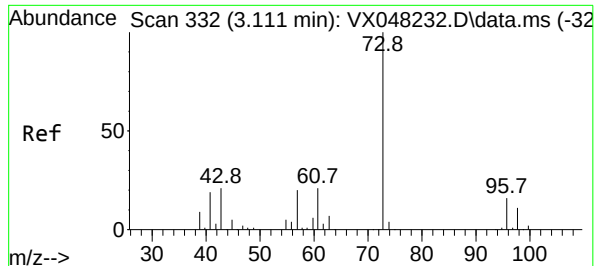
Tgt Ion: 43 Resp: 26374

Ion Ratio Lower Upper

43 100

74 25.7 17.5 26.3





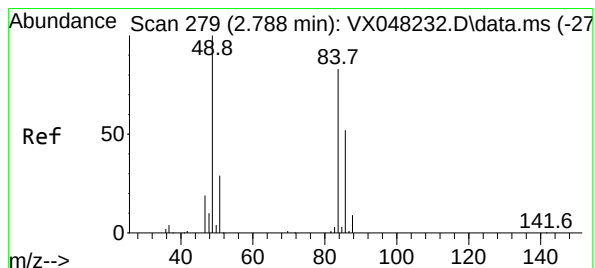
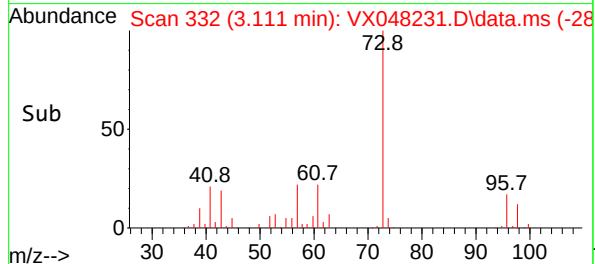
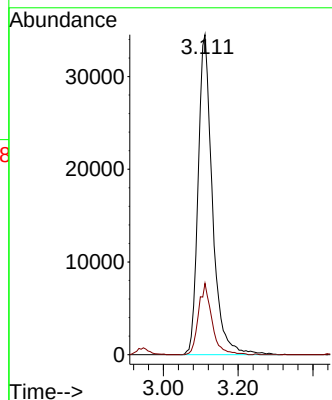
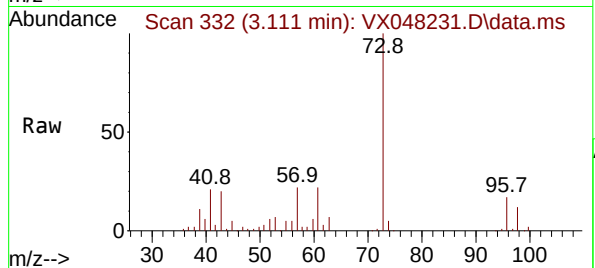
#19
Methyl tert-butyl Ether
Concen: 21.877 ug/l
RT: 3.111 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 91349
Ion Ratio Lower Upper
73 100
57 22.3 17.7 26.5

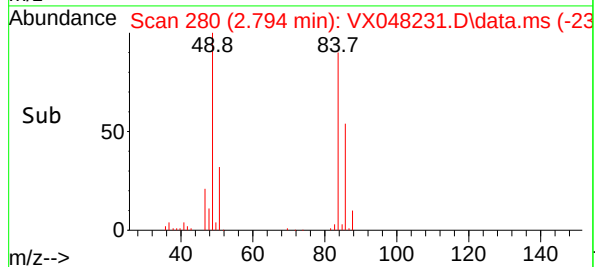
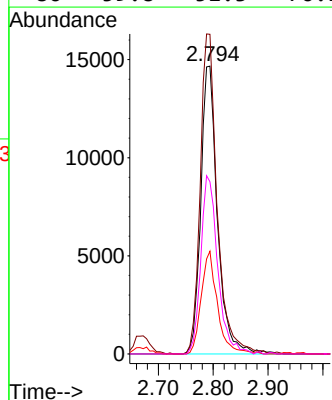
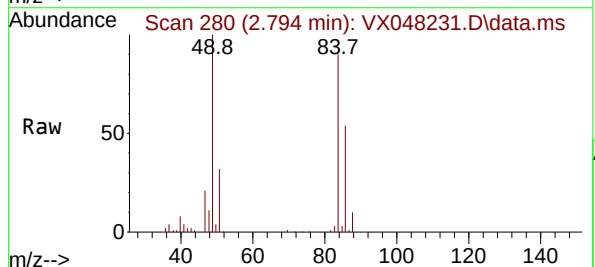
Manual Integrations
APPROVED

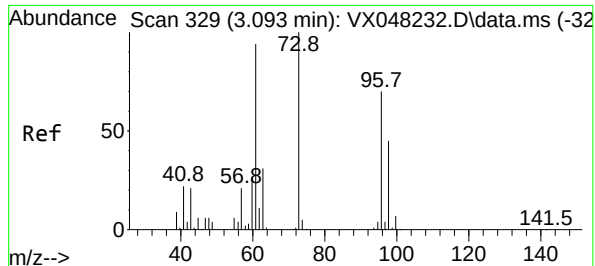
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#20
Methylene Chloride
Concen: 20.231 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 84 Resp: 31157
Ion Ratio Lower Upper
84 100
49 111.1 104.1 156.1
51 35.7 31.3 46.9
86 59.8 51.3 76.9





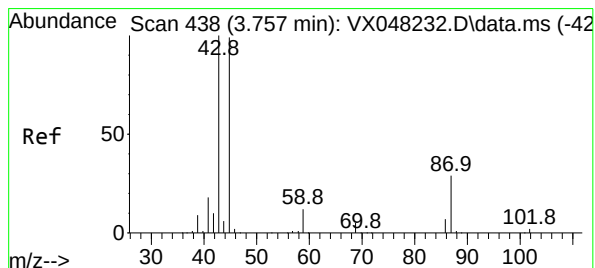
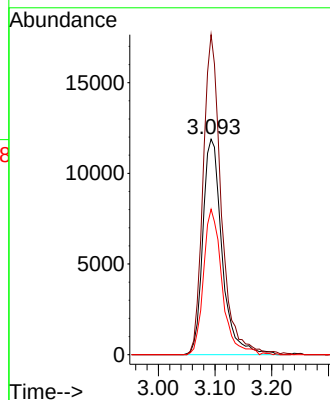
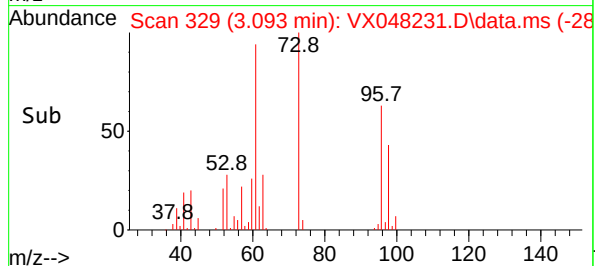
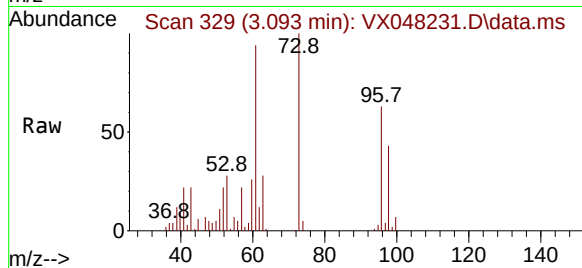
#21
trans-1,2-Dichloroethene
Concen: 19.525 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 96 Resp: 2800
Ion Ratio Lower Upper
96 100
61 148.5 111.9 167.9
98 67.5 51.2 76.8

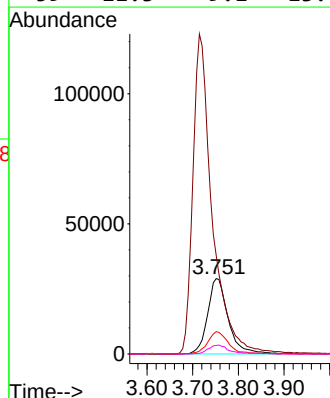
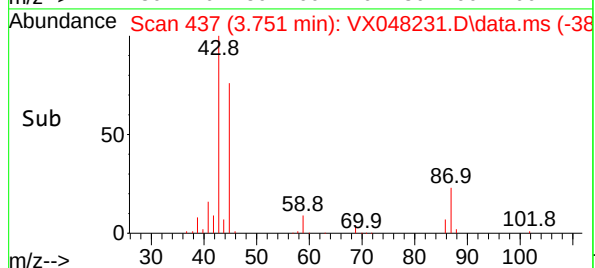
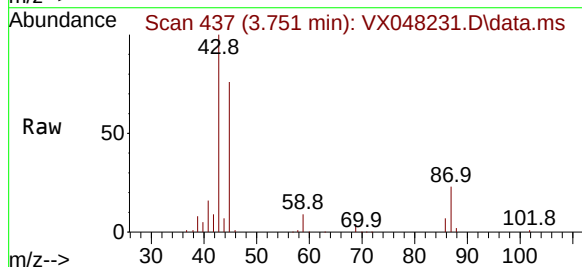
Manual Integrations
APPROVED

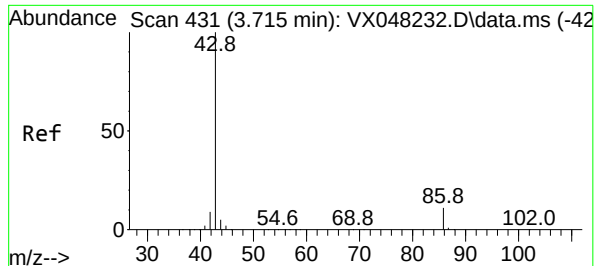
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#22
Diisopropyl ether
Concen: 18.439 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 45 Resp: 90030
Ion Ratio Lower Upper
45 100
43 129.3 89.8 134.8
87 29.6 20.6 31.0
59 11.3 9.1 13.7





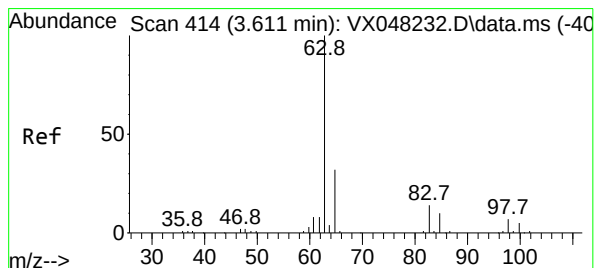
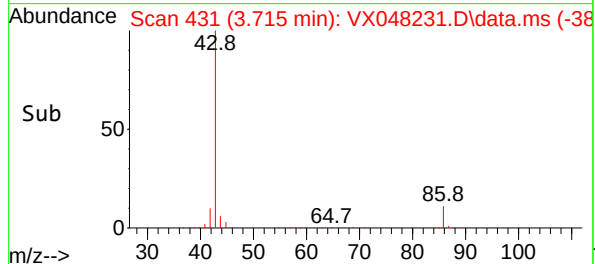
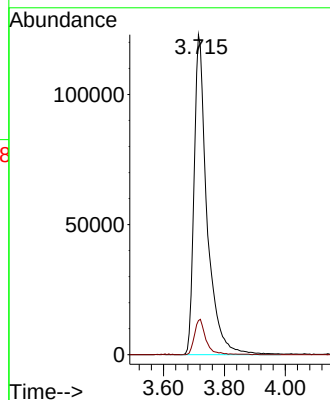
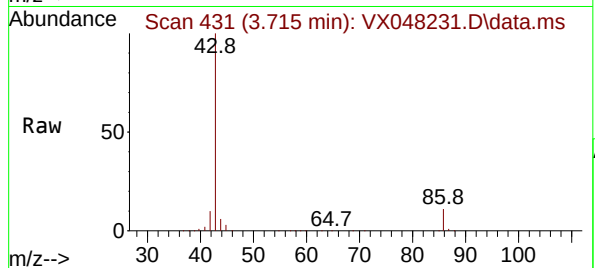
#23
Vinyl Acetate
Concen: 99.706 ug/l
RT: 3.715 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 364009
Ion Ratio Lower Upper
43 100
86 10.6 7.9 11.9

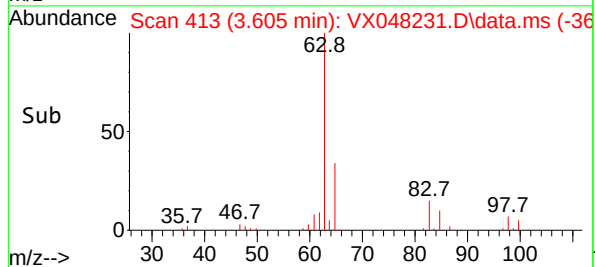
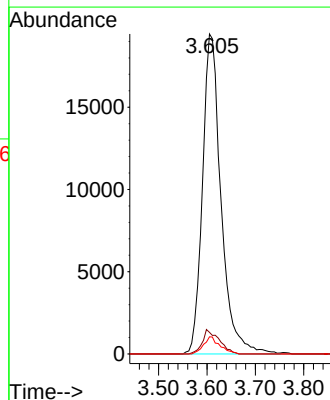
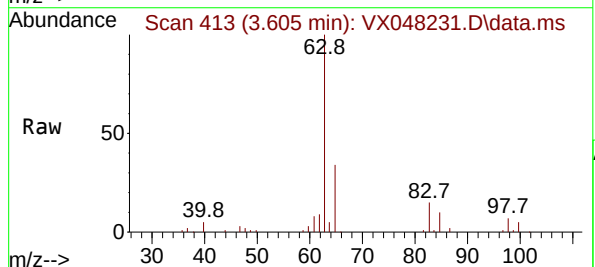
Manual Integrations
APPROVED

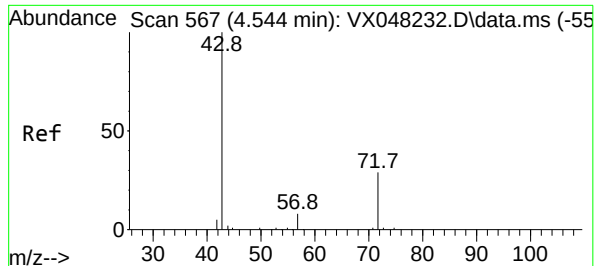
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#24
1,1-Dichloroethane
Concen: 18.746 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 63 Resp: 51927
Ion Ratio Lower Upper
63 100
98 6.8 3.5 10.6
100 5.4 2.1 6.3





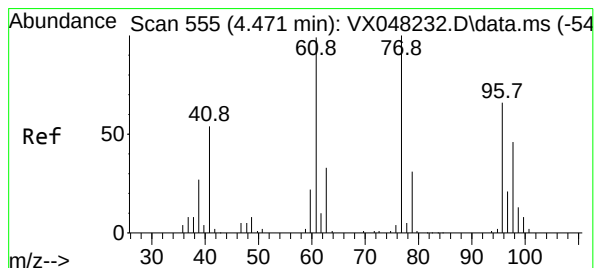
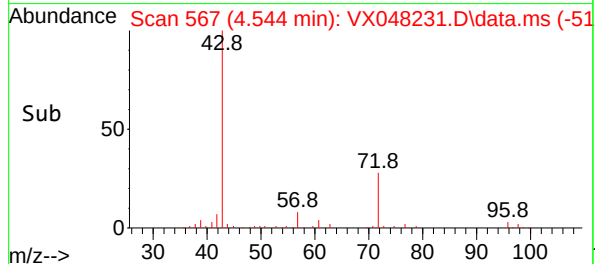
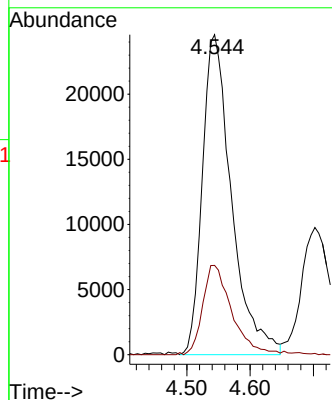
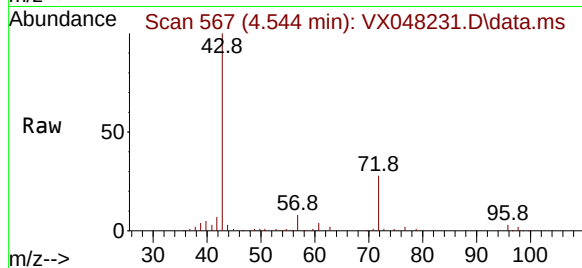
#25
2-Butanone
Concen: 106.774 ug/l
RT: 4.544 min Scan# 567
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 7864
Ion Ratio Lower Upper
43 100
72 27.6 19.9 29.9

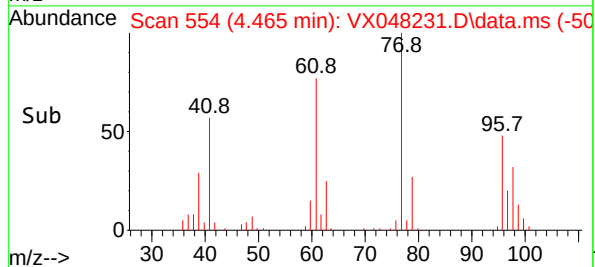
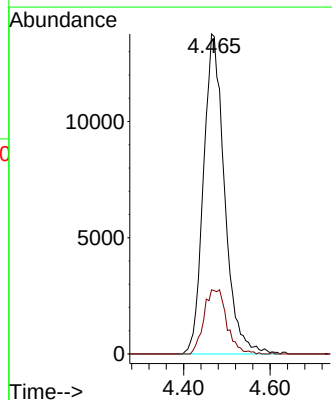
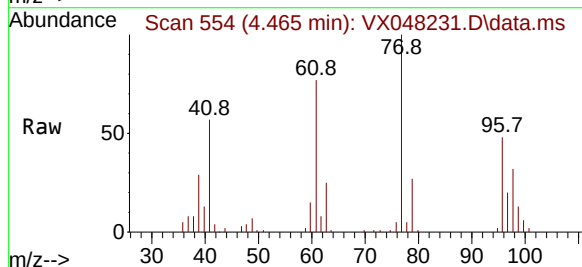
Manual Integrations
APPROVED

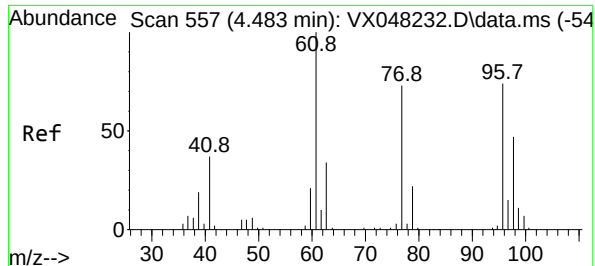
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#26
2,2-Dichloropropane
Concen: 19.669 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 77 Resp: 46568
Ion Ratio Lower Upper
77 100
97 21.7 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 19.688 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 96 Resp: 33508

Ion Ratio Lower Upper

96 100

61 143.9 0.0 294.2

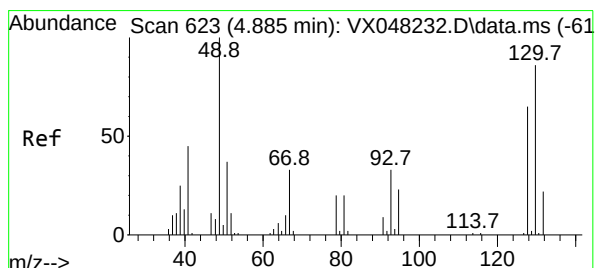
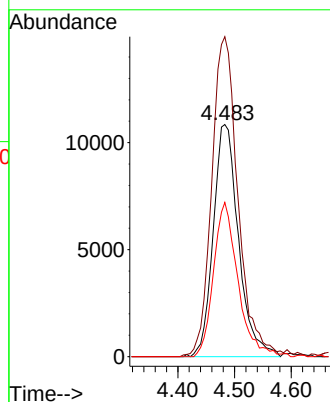
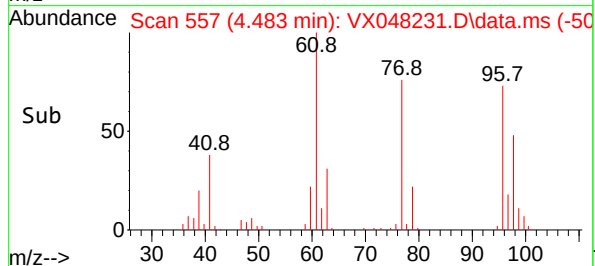
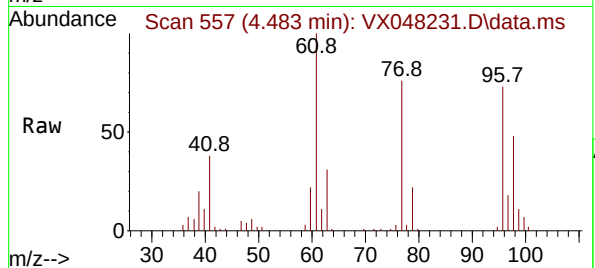
98 64.3 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#28

Bromochloromethane

Concen: 15.146 ug/l

RT: 4.891 min Scan# 624

Delta R.T. 0.006 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

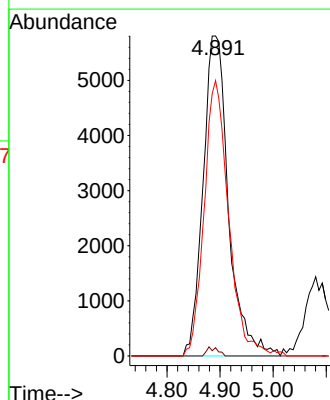
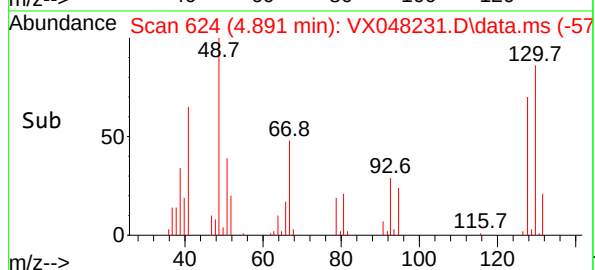
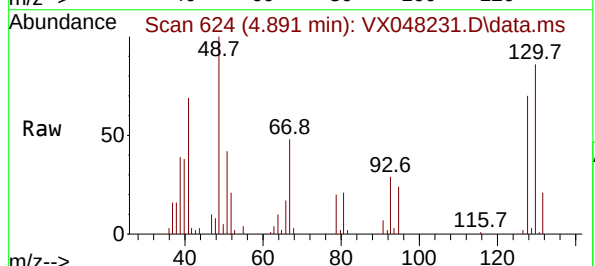
Tgt Ion: 49 Resp: 19339

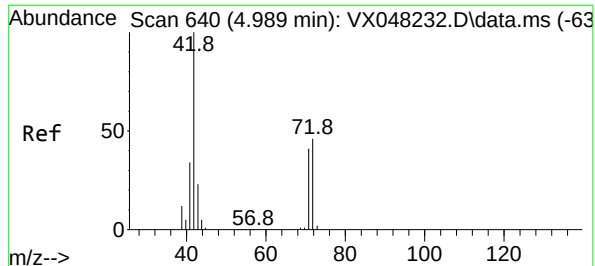
Ion Ratio Lower Upper

49 100

129 1.2 0.0 4.4

130 82.7 59.3 88.9





#29

Tetrahydrofuran

Concen: 109.718 ug/l

RT: 4.995 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

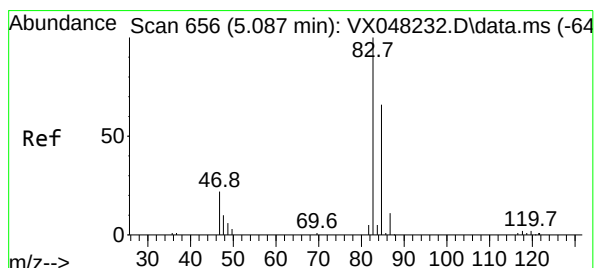
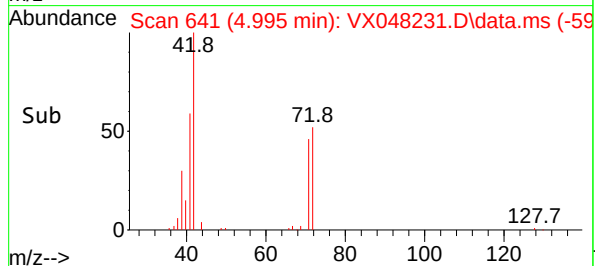
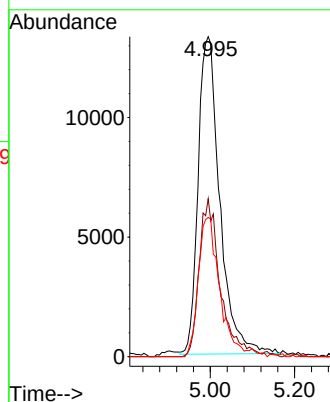
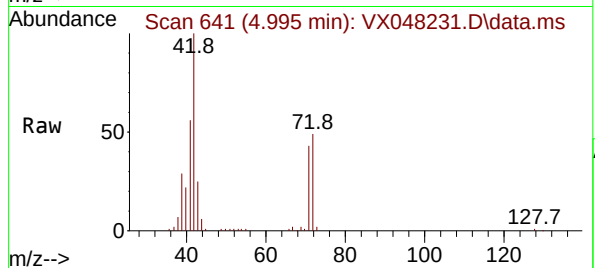
VSTDIC020

Tgt Ion:	42	Resp:	4745
Ion	Ratio	Lower	Upper
42	100		
72	48.5	35.3	52.9
71	43.2	32.2	48.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#30

Chloroform

Concen: 19.813 ug/l

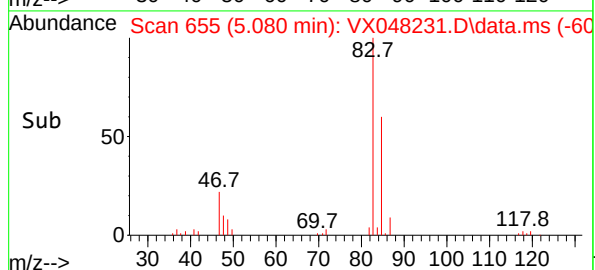
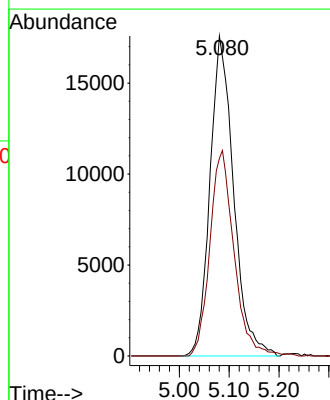
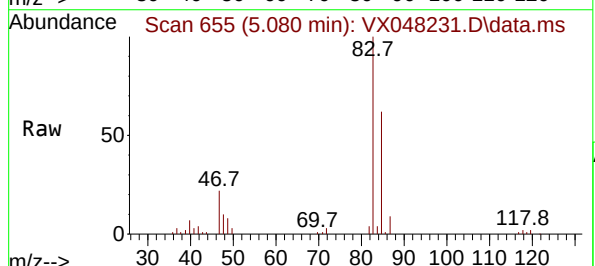
RT: 5.080 min Scan# 655

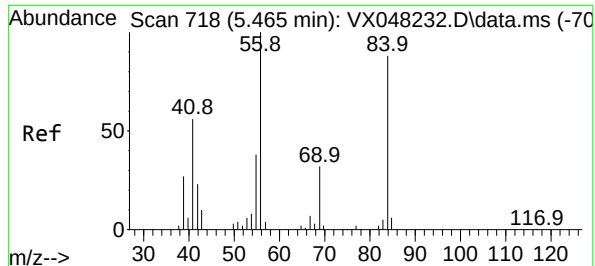
Delta R.T. -0.000 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

Tgt Ion:	83	Resp:	57780
Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.1	75.1





#31

Cyclohexane

Concen: 18.882 ug/l

RT: 5.464 min Scan# 718

Delta R.T. 0.006 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 56 Resp: 42790

Ion Ratio Lower Upper

56 100

69 30.6 23.0 34.6

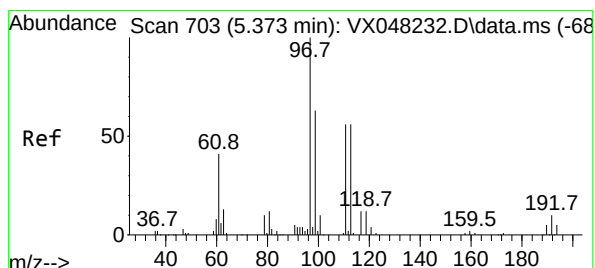
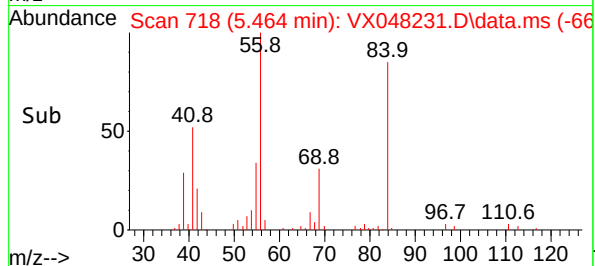
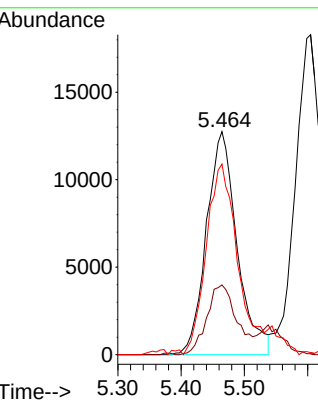
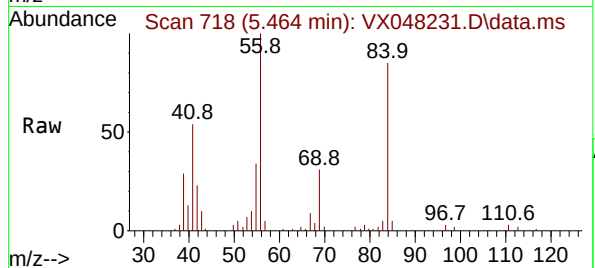
84 85.5 64.6 97.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#32

1,1,1-Trichloroethane

Concen: 21.672 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

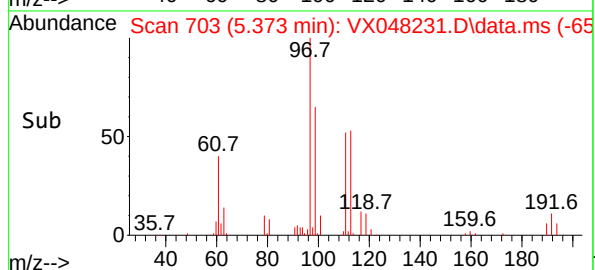
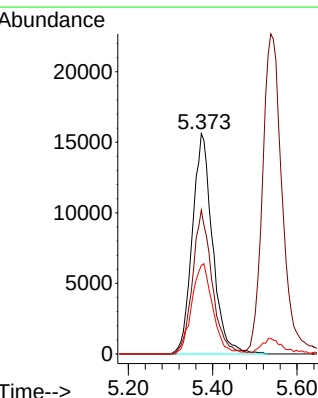
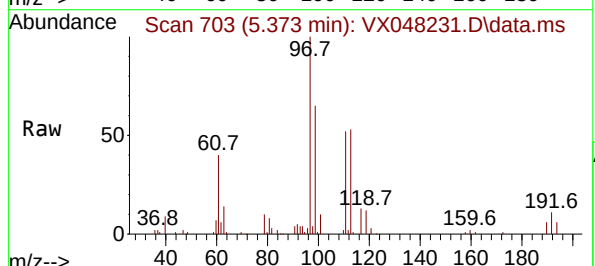
Tgt Ion: 97 Resp: 51929

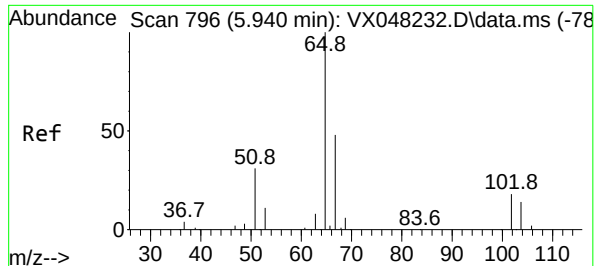
Ion Ratio Lower Upper

97 100

99 63.0 51.7 77.5

61 42.4 34.8 52.2





#33

1,2-Dichloroethane-d4

Concen: 18.312 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 33930

Ion Ratio Lower Upper

65 100

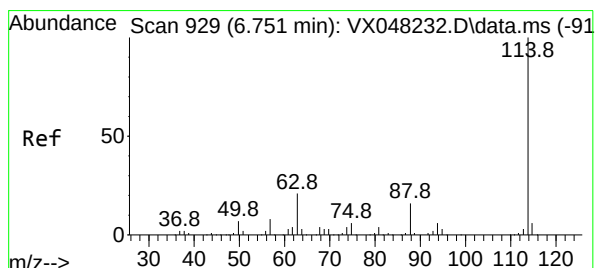
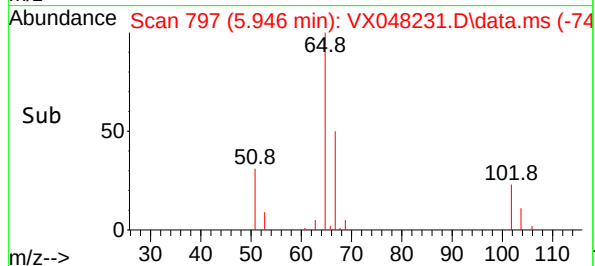
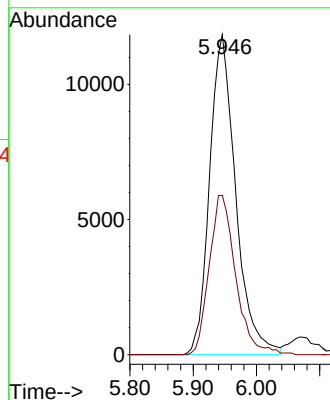
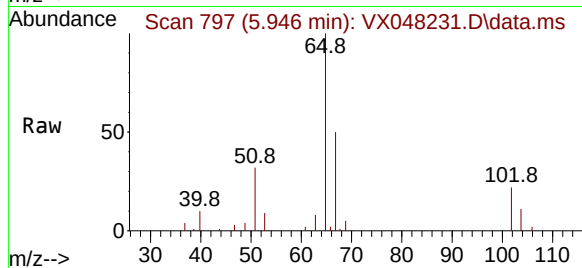
67 50.6 0.0 105.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

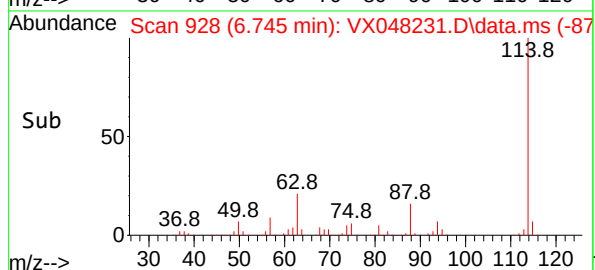
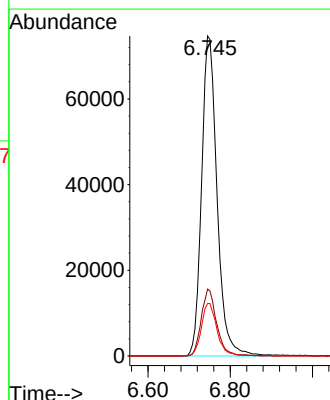
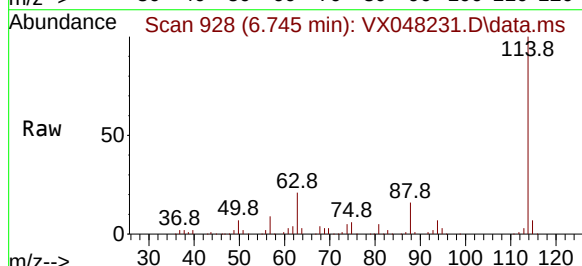
Tgt Ion:114 Resp: 195028

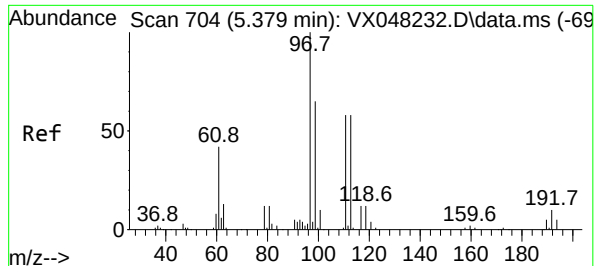
Ion Ratio Lower Upper

114 100

63 20.9 0.0 43.2

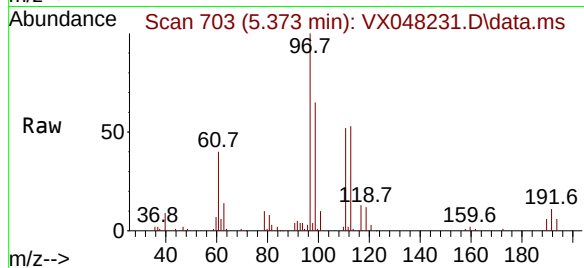
88 16.4 0.0 33.6





#35
Dibromofluoromethane
Concen: 19.872 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

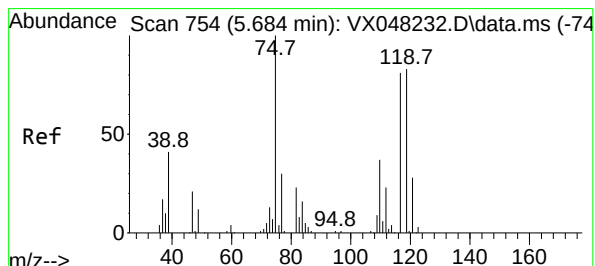
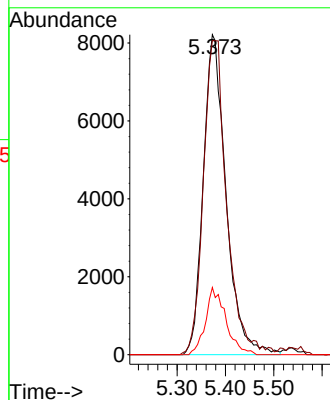
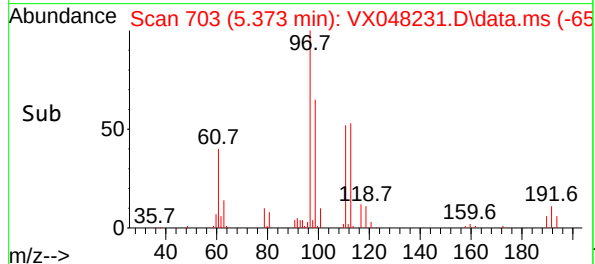
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 113 Resp: 2689
Ion Ratio Lower Upper
113 100
111 100.7 82.2 123.4
192 18.8 15.1 22.7

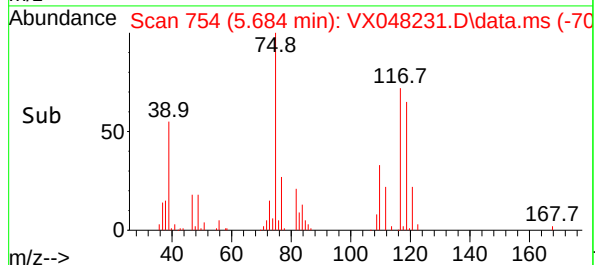
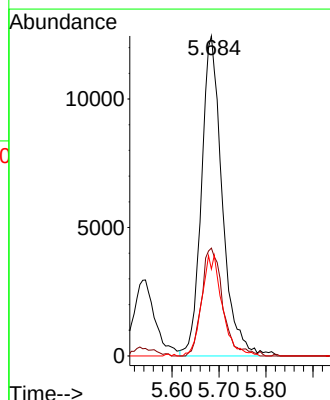
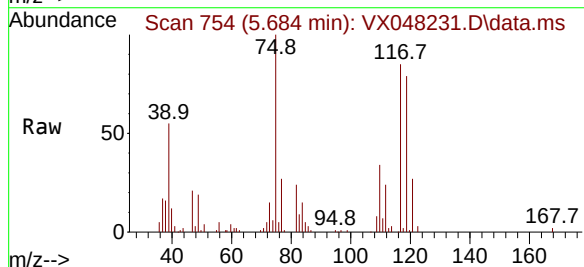
Manual Integrations
APPROVED

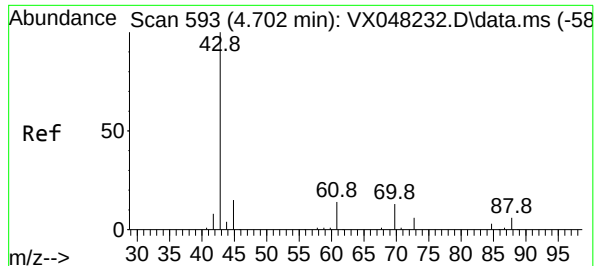
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#36
1,1-Dichloropropene
Concen: 20.071 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 75 Resp: 38270
Ion Ratio Lower Upper
75 100
110 34.6 17.7 53.1
77 31.1 24.3 36.5





#37

Ethyl Acetate

Concen: 20.280 ug/l

RT: 4.702 min Scan# 593

Delta R.T. 0.006 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

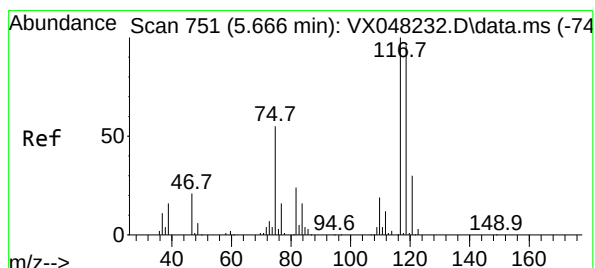
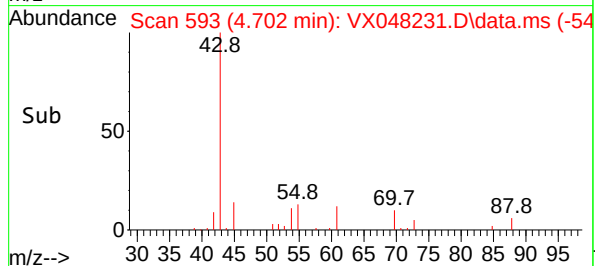
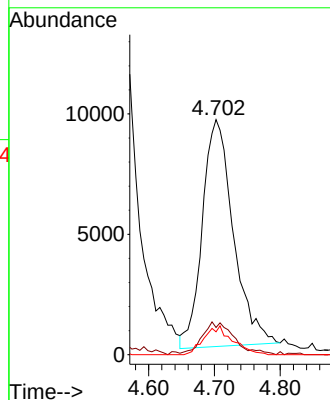
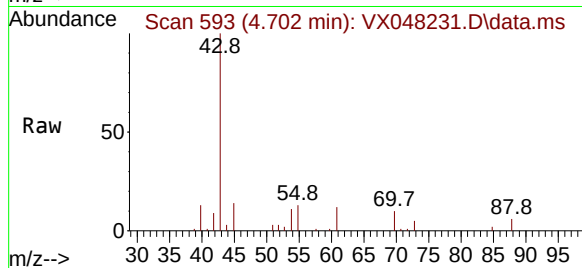
Tgt Ion:	43	Resp:	30904
Ion	Ratio	Lower	Upper
43	100		
61	14.8	10.6	15.8
70	11.7	7.8	11.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#38

Carbon Tetrachloride

Concen: 21.166 ug/l

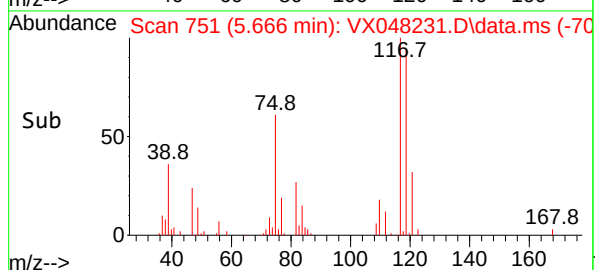
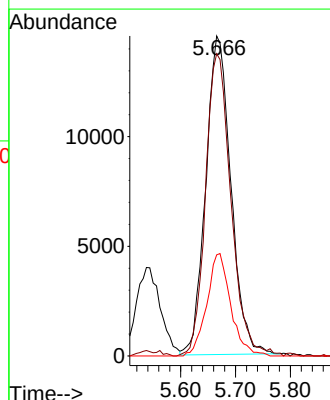
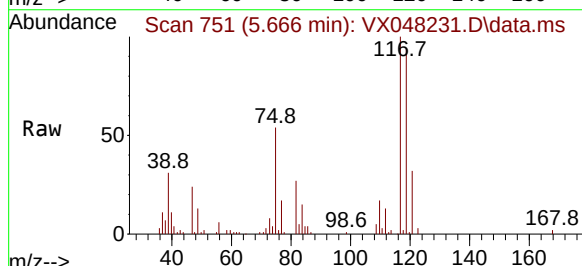
RT: 5.666 min Scan# 751

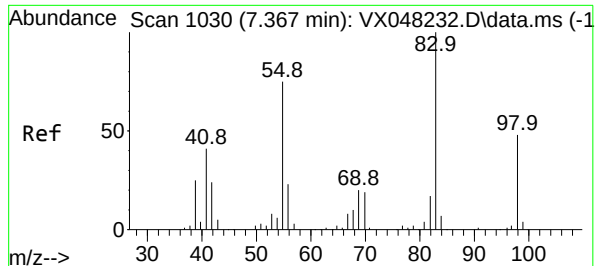
Delta R.T. -0.000 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

Tgt Ion:	117	Resp:	46323
Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.2	115.8
121	31.8	24.8	37.2





#39

Methylcyclohexane

Concen: 19.897 ug/l

RT: 7.366 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

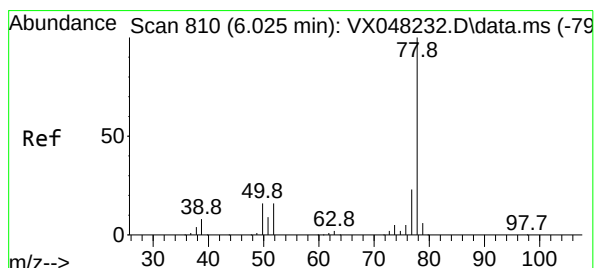
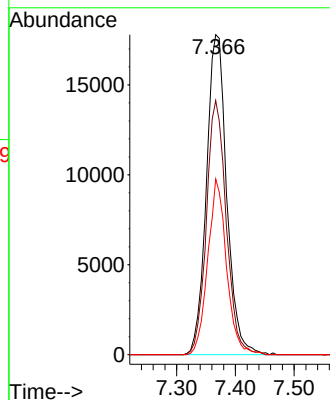
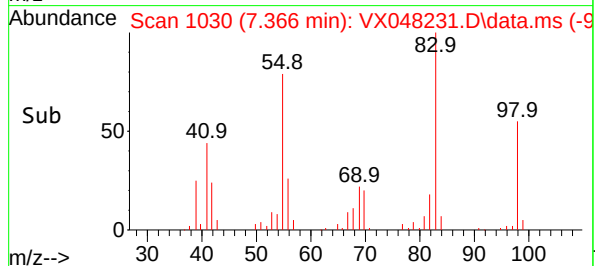
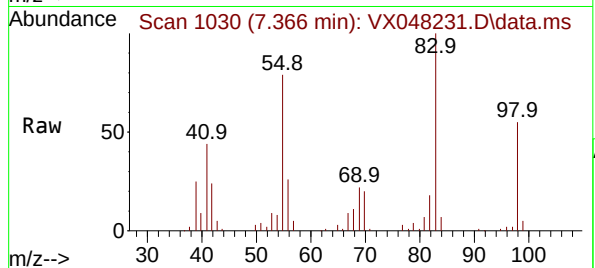
Tgt Ion:	83	Resp:	42770
Ion	Ratio	Lower	Upper
83	100		
55	79.4	66.2	99.2
98	54.9	38.9	58.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#40

Benzene

Concen: 20.398 ug/l

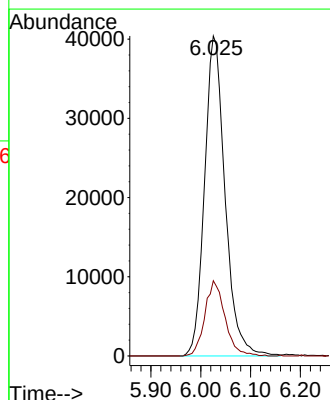
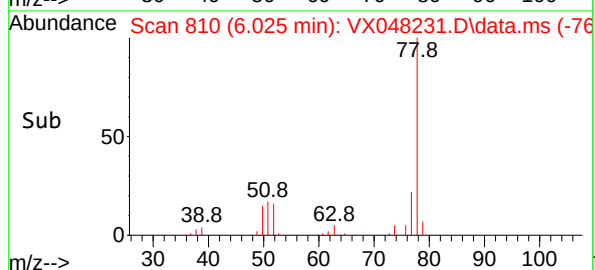
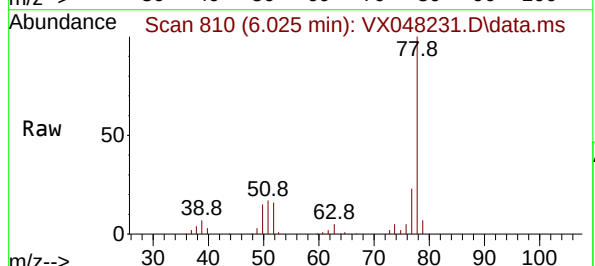
RT: 6.025 min Scan# 810

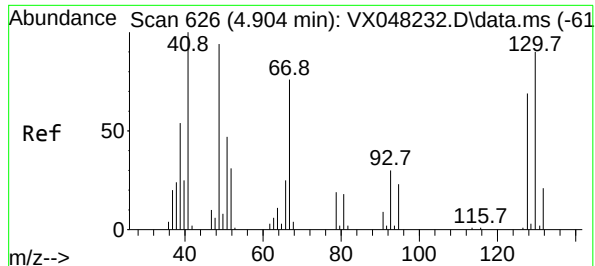
Delta R.T. -0.000 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

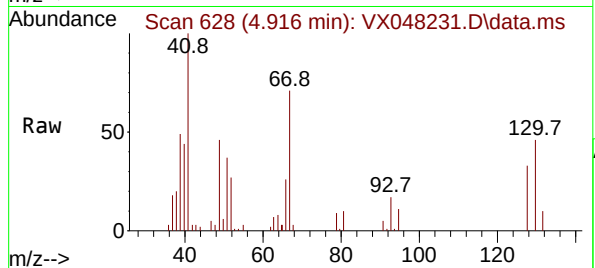
Tgt Ion:	78	Resp:	115488
Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.3	28.9





#41
Methacrylonitrile
Concen: 22.621 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

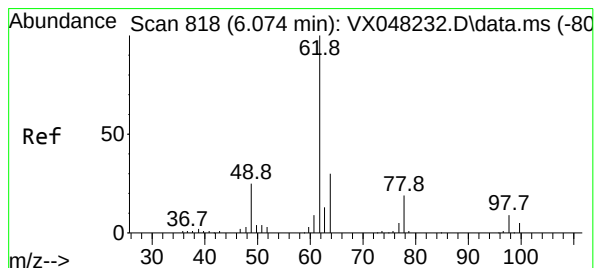
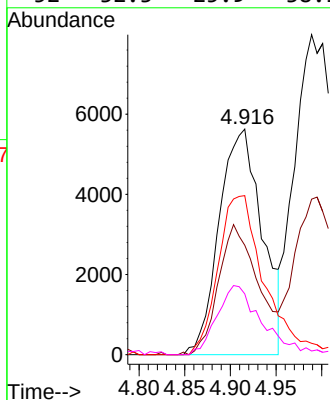
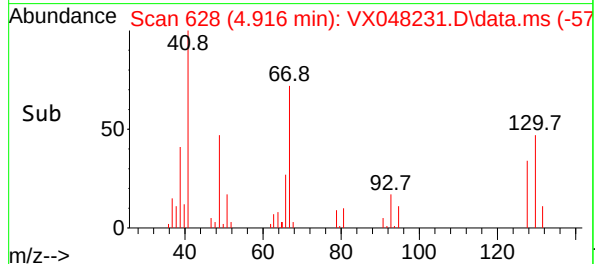
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 41 Resp: 1846
Ion Ratio Lower Upper
41 100
39 53.4 44.0 66.0
67 76.9 58.7 88.1
52 32.3 25.9 38.9

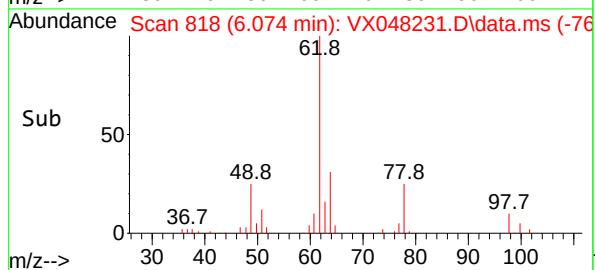
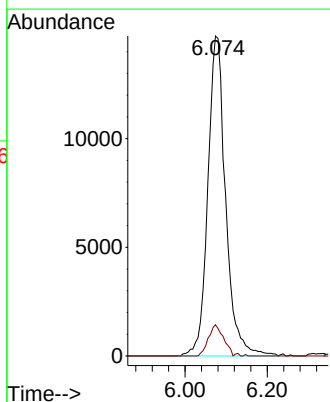
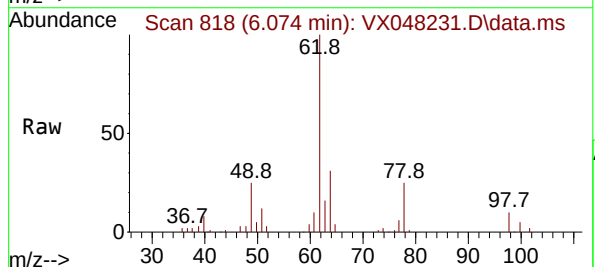
Manual Integrations
APPROVED

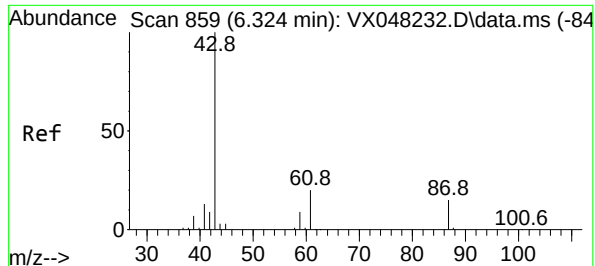
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#42
1,2-Dichloroethane
Concen: 21.778 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 62 Resp: 44176
Ion Ratio Lower Upper
62 100
98 8.5 0.0 17.2





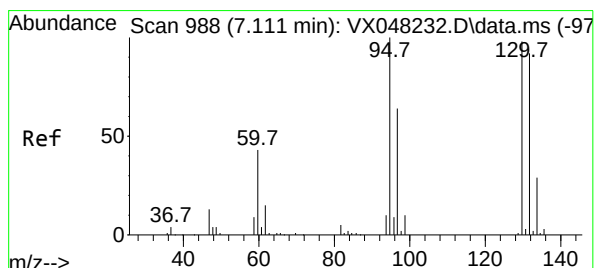
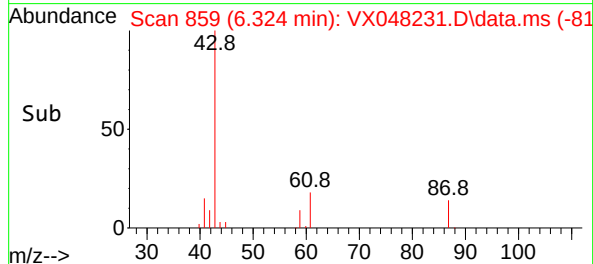
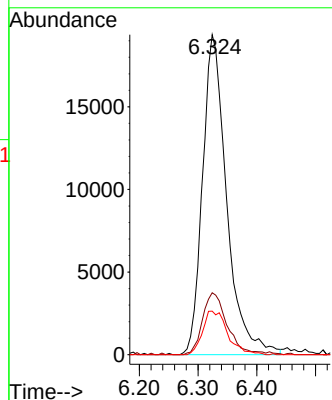
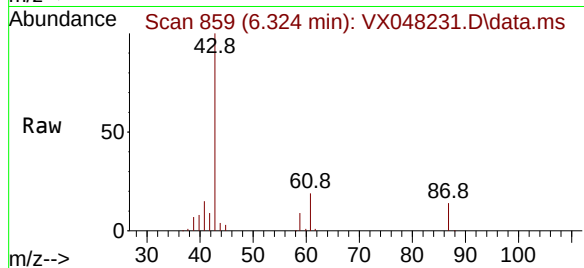
#43
Isopropyl Acetate
Concen: 21.625 ug/l
RT: 6.324 min Scan# 859
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:	43	Resp:	5531
Ion Ratio	Lower	Upper	
43	100		
61	19.9	14.9	22.3
87	14.1	9.4	14.2

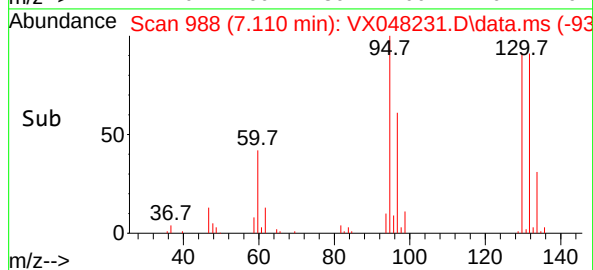
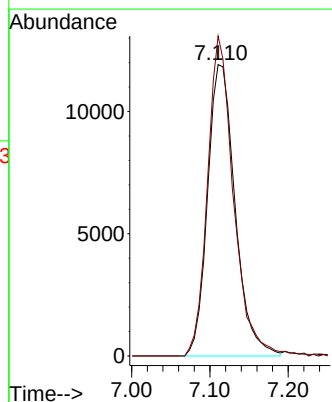
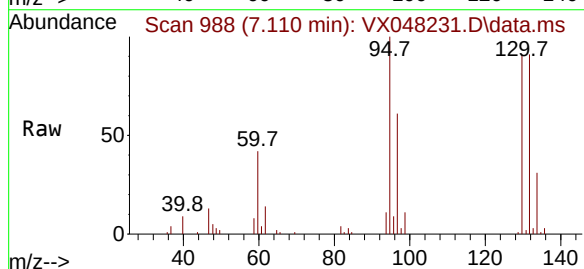
Manual Integrations
APPROVED

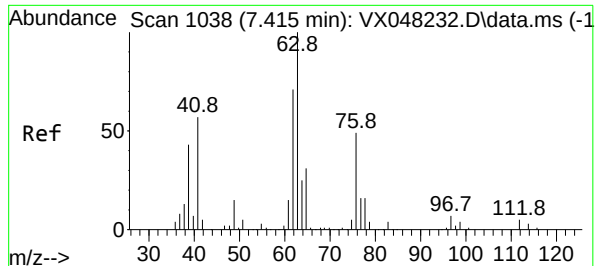
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#44
Trichloroethene
Concen: 20.399 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:	130	Resp:	29108
Ion Ratio	Lower	Upper	
130	100		
95	109.8	0.0	200.6





#45

1,2-Dichloropropane

Concen: 19.709 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 2824

Ion Ratio Lower Upper

63 100

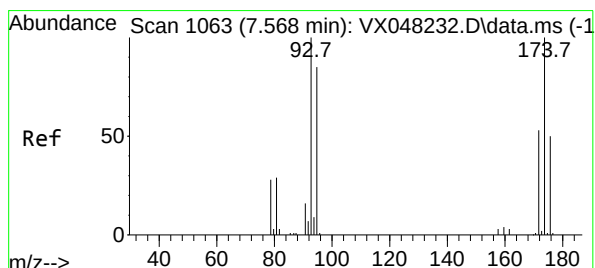
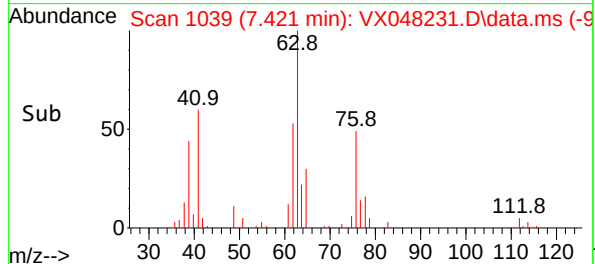
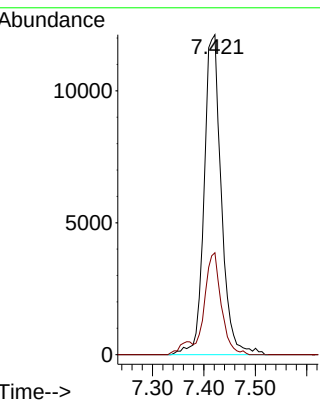
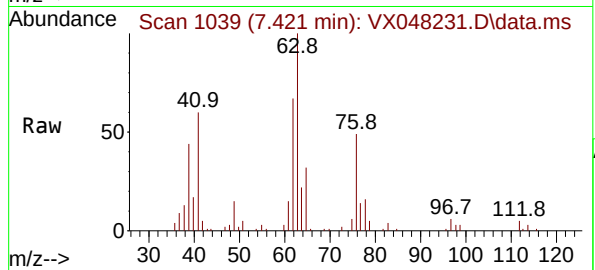
65 31.8 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#46

Dibromomethane

Concen: 20.955 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

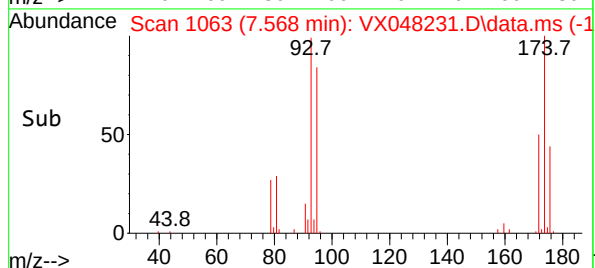
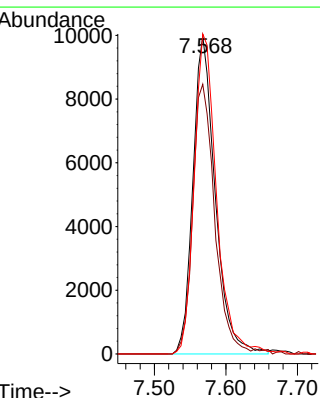
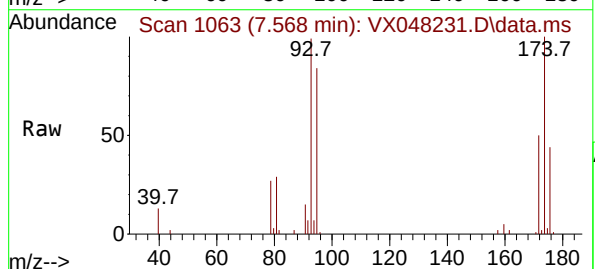
Tgt Ion: 93 Resp: 21605

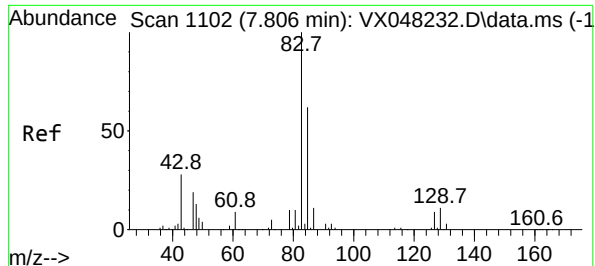
Ion Ratio Lower Upper

93 100

95 84.4 65.9 98.9

174 101.4 71.7 107.5





#47

Bromodichloromethane

Concen: 20.743 ug/l

RT: 7.805 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

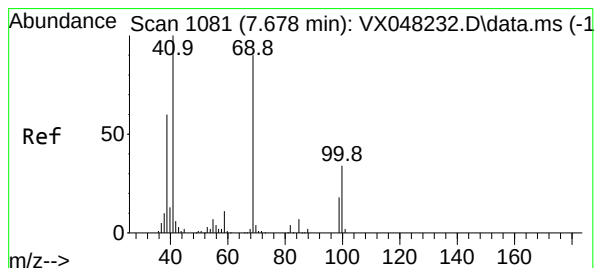
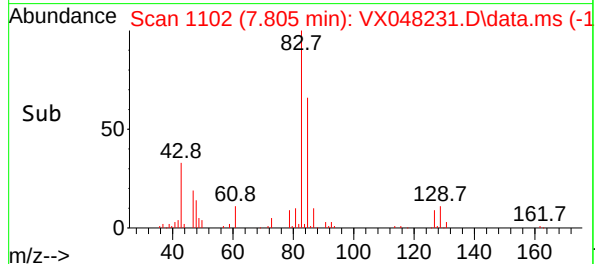
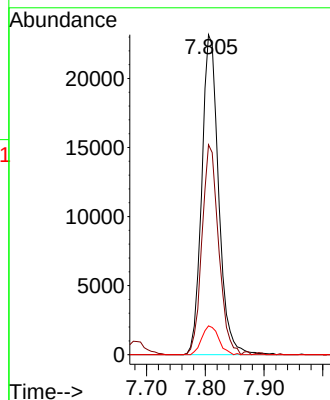
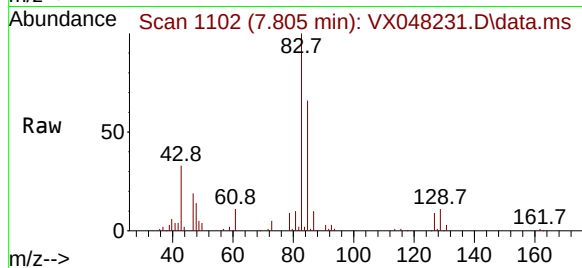
Tgt Ion:	83	Resp:	4622
Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.2	78.4
127	9.0	7.3	10.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#48

Methyl methacrylate

Concen: 21.193 ug/l

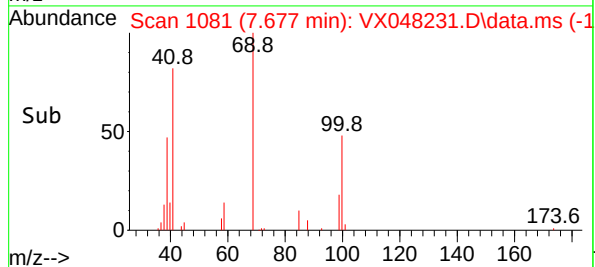
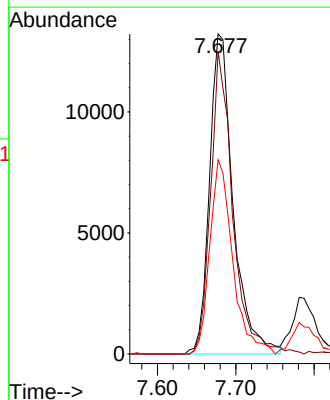
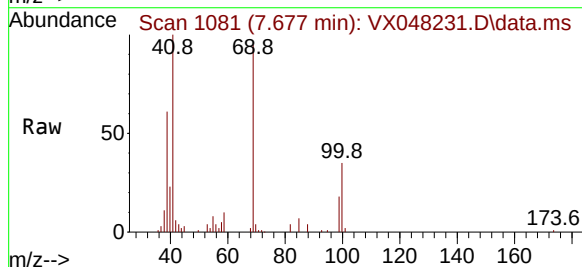
RT: 7.677 min Scan# 1081

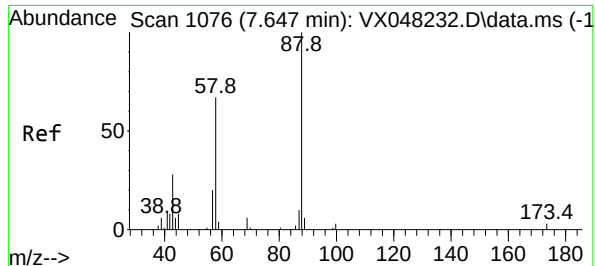
Delta R.T. -0.000 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

Tgt Ion:	41	Resp:	27751
Ion	Ratio	Lower	Upper
41	100		
69	88.6	63.4	95.0
39	58.7	47.1	70.7





#49

1,4-Dioxane

Concen: 646.470 ug/l

RT: 7.647 min Scan# 1076

Delta R.T. 0.006 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

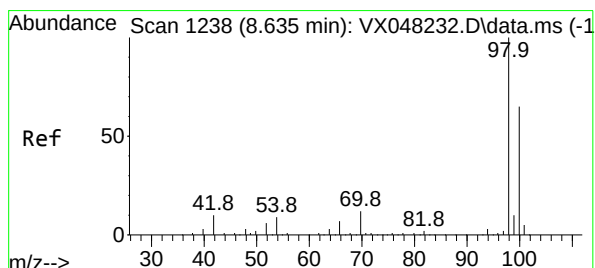
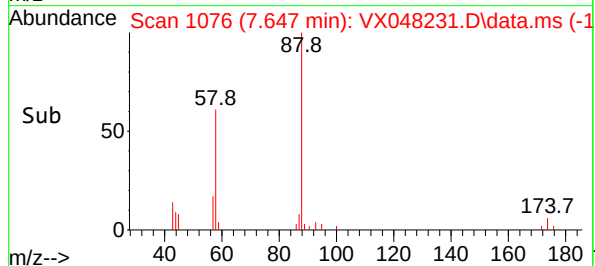
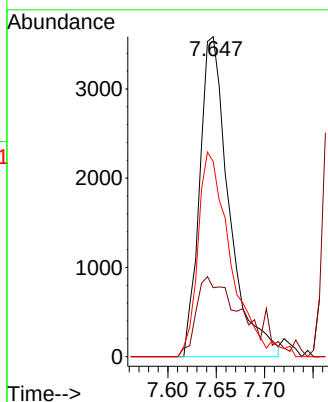
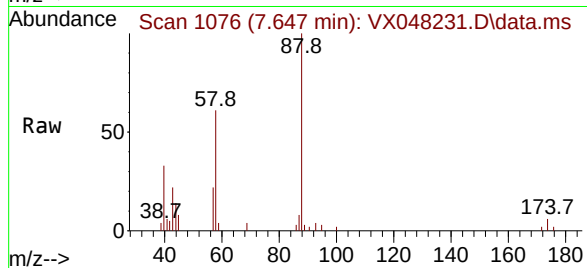
Tgt Ion	88	Resp	7620
Ion	Ratio	Lower	Upper
88	100		
43	35.0	35.0	52.4
58	71.5	61.9	92.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#50

Toluene-d8

Concen: 18.965 ug/l

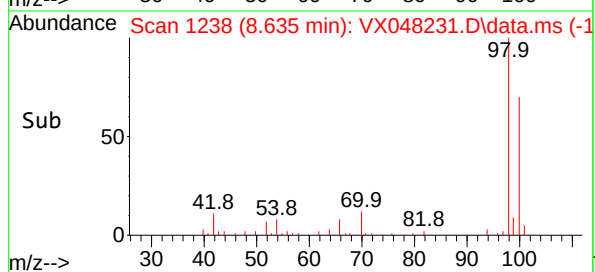
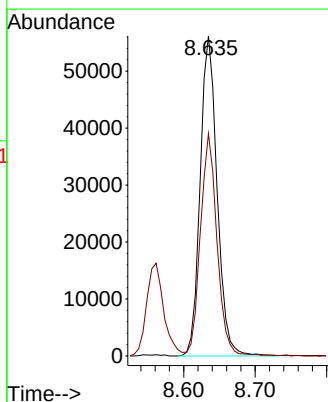
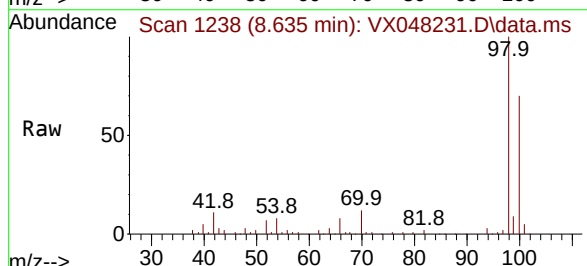
RT: 8.635 min Scan# 1238

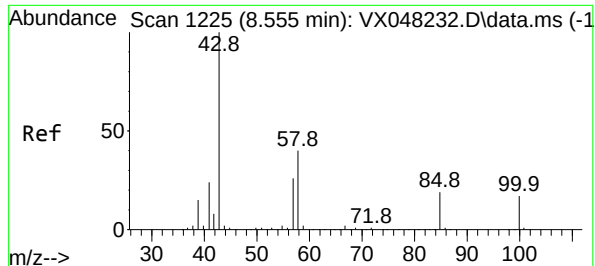
Delta R.T. -0.000 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

Tgt Ion	98	Resp	92476
Ion	Ratio	Lower	Upper
98	100		
100	67.8	53.0	79.4





#51

4-Methyl-2-Pentanone

Concen: 115.713 ug/l

RT: 8.555 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 164708

Ion Ratio Lower Upper

43 100

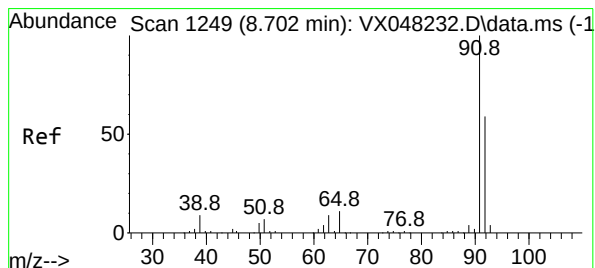
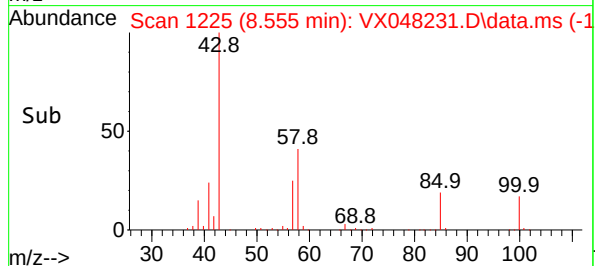
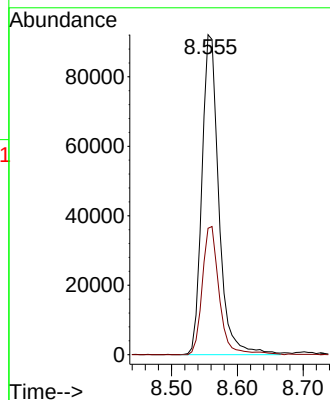
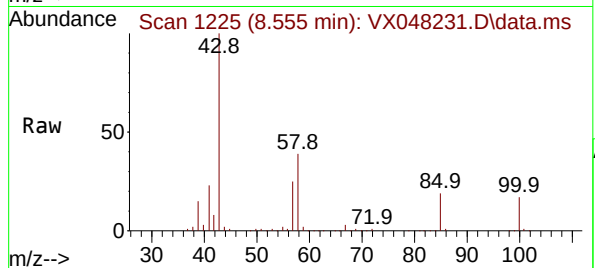
58 40.3 29.5 44.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#52

Toluene

Concen: 21.635 ug/l

RT: 8.702 min Scan# 1249

Delta R.T. -0.000 min

Lab File: VX048231.D

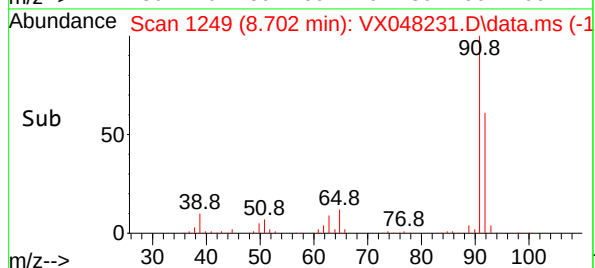
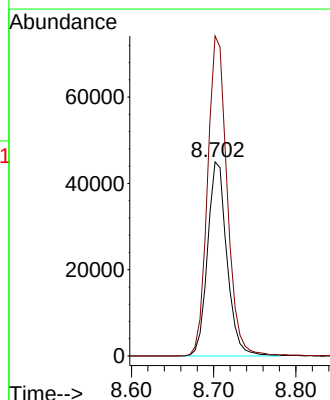
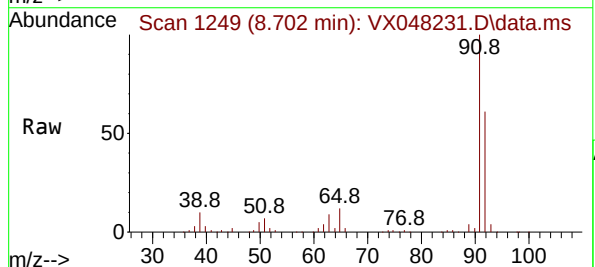
Acq: 20 Oct 2025 11:40

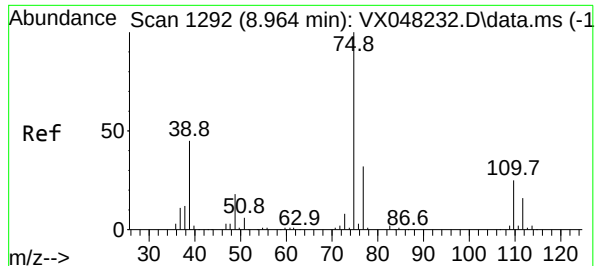
Tgt Ion: 92 Resp: 73623

Ion Ratio Lower Upper

92 100

91 167.2 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 21.756 ug/l

RT: 8.964 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 75 Resp: 45410

Ion Ratio Lower Upper

75 100

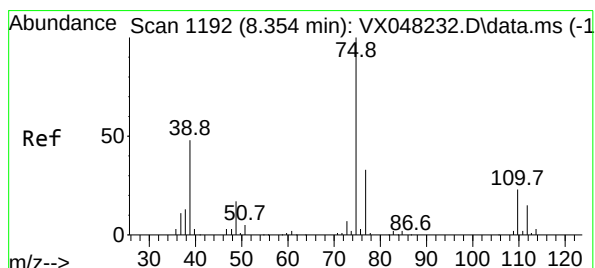
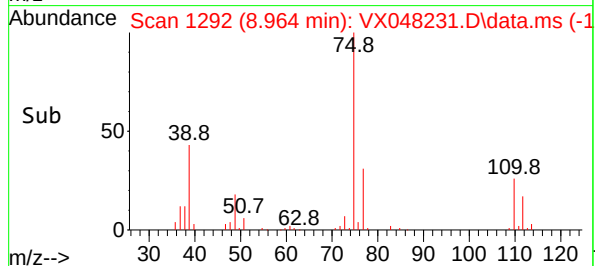
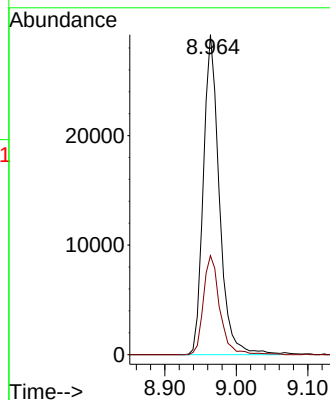
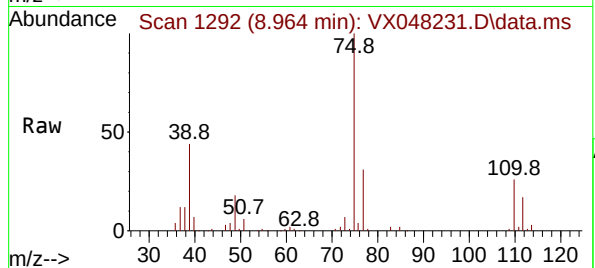
77 31.0 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#54

cis-1,3-Dichloropropene

Concen: 20.713 ug/l

RT: 8.354 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

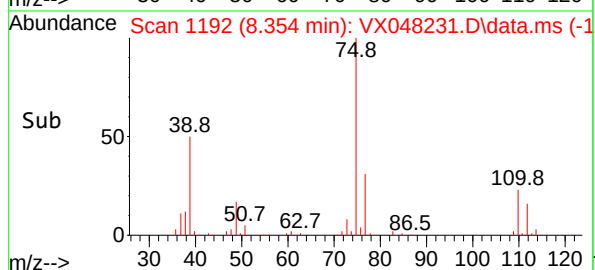
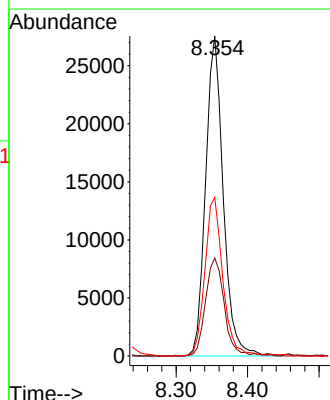
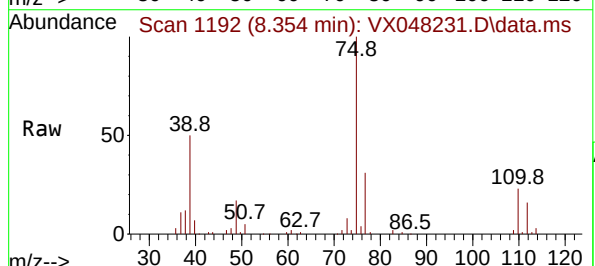
Tgt Ion: 75 Resp: 47130

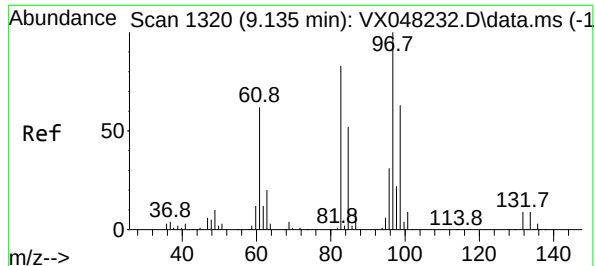
Ion Ratio Lower Upper

75 100

77 30.6 24.9 37.3

39 49.5 42.6 64.0





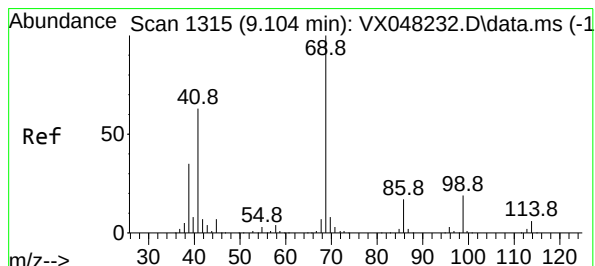
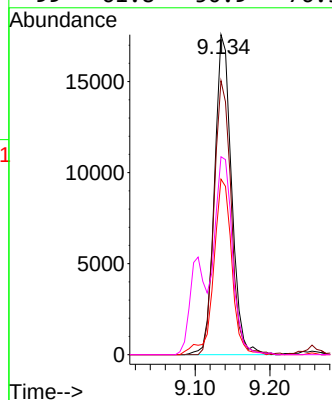
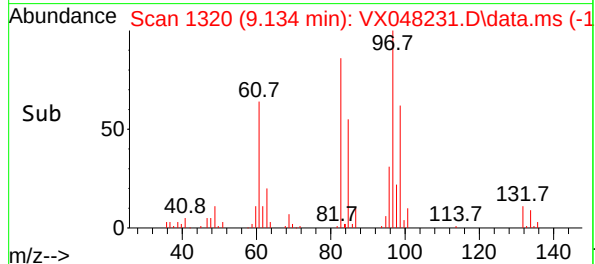
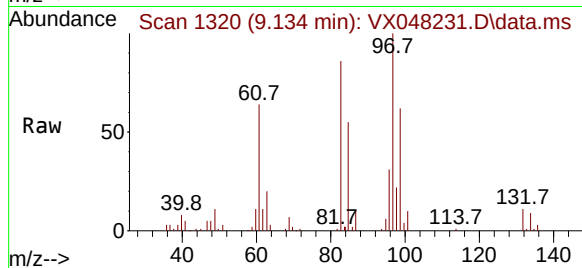
#55
1,1,2-Trichloroethane
Concen: 21.961 ug/l
RT: 9.134 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 97 Resp: 27884
Ion Ratio Lower Upper
97 100
83 85.6 70.6 105.8
85 54.9 45.0 67.6
99 61.8 50.9 76.3

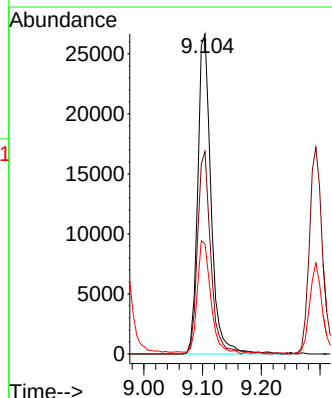
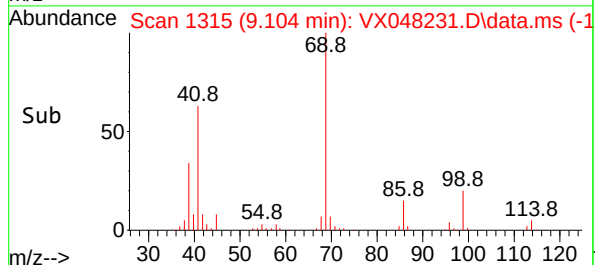
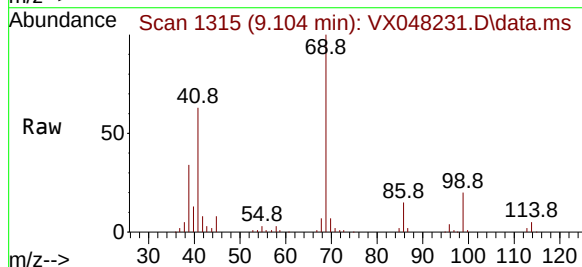
Manual Integrations
APPROVED

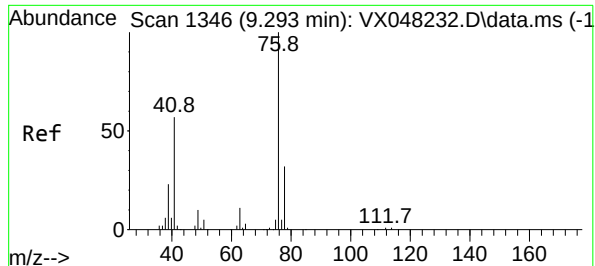
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#56
Ethyl methacrylate
Concen: 24.210 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 69 Resp: 41809
Ion Ratio Lower Upper
69 100
41 63.2 56.0 84.0
39 36.3 31.6 47.4





#57

1,3-Dichloropropane

Concen: 21.591 ug/l

RT: 9.293 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 47890

Ion Ratio Lower Upper

76 100

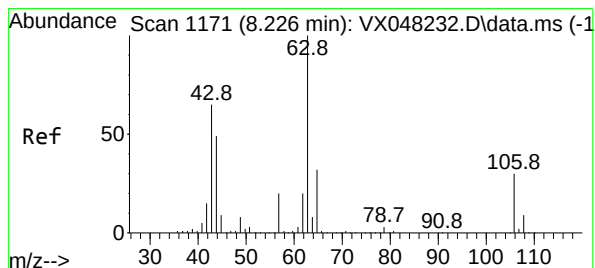
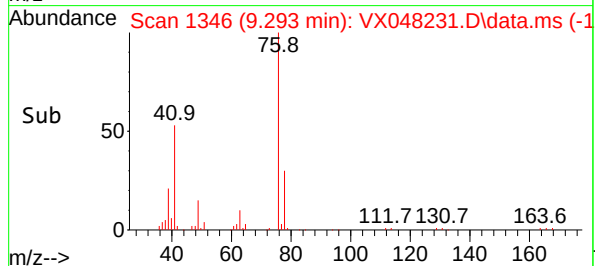
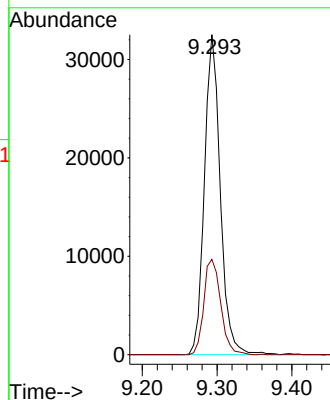
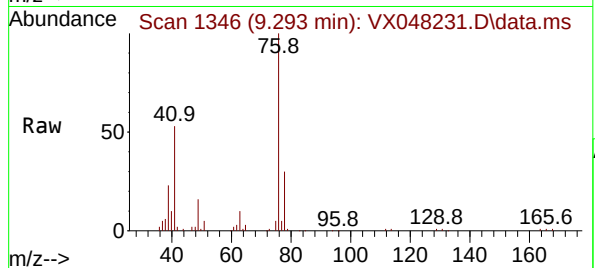
78 31.7 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#58

2-Chloroethyl Vinyl ether

Concen: 118.278 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. -0.000 min

Lab File: VX048231.D

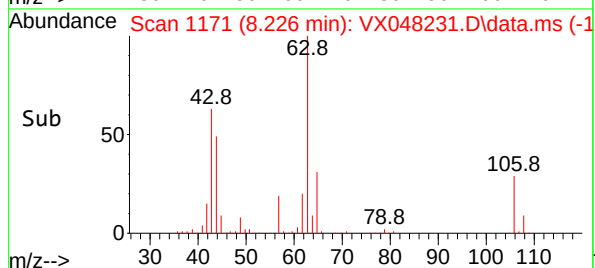
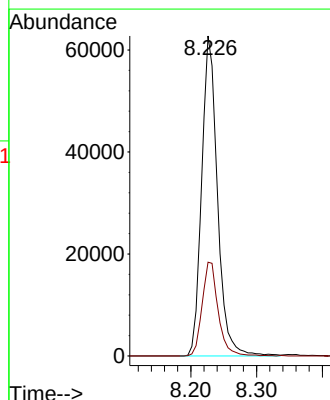
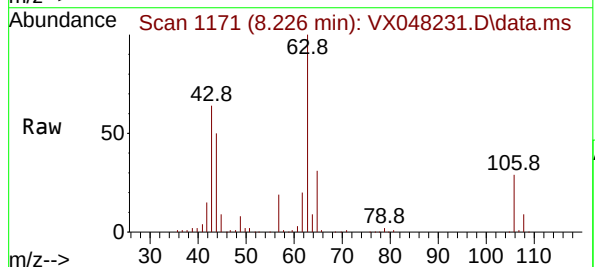
Acq: 20 Oct 2025 11:40

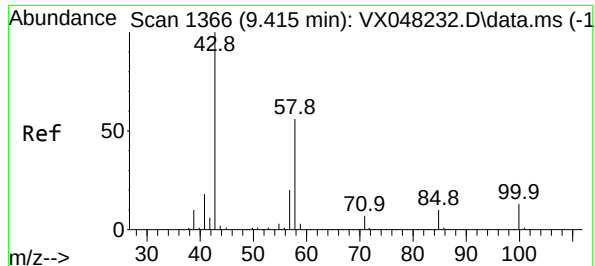
Tgt Ion: 63 Resp: 104883

Ion Ratio Lower Upper

63 100

106 29.7 22.2 33.2





#59

2-Hexanone

Concen: 116.777 ug/l

RT: 9.415 min Scan# 1366

Delta R.T. -0.000 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 116268

Ion Ratio Lower Upper

43 100

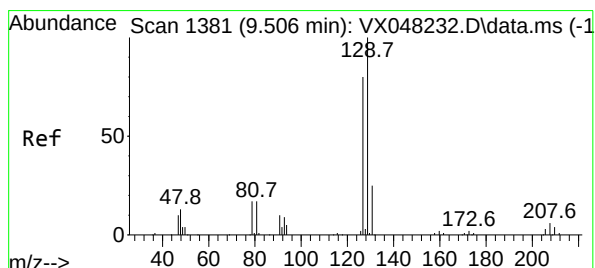
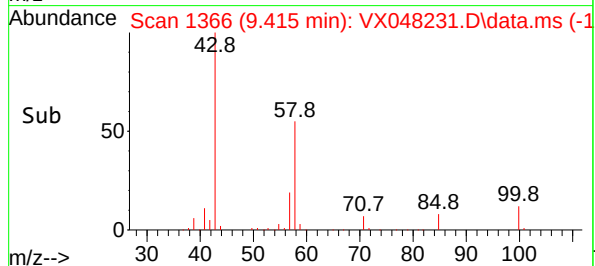
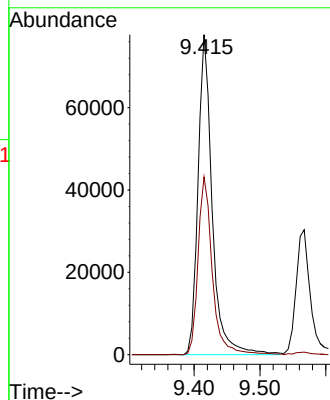
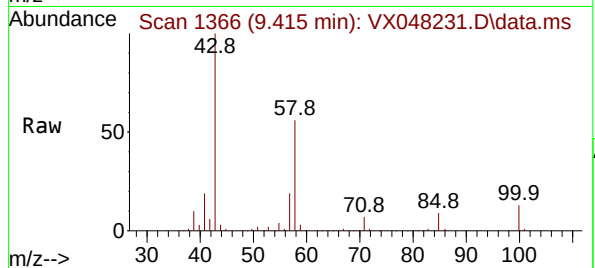
58 56.1 26.3 78.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#60

Dibromochloromethane

Concen: 23.361 ug/l

RT: 9.506 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VX048231.D

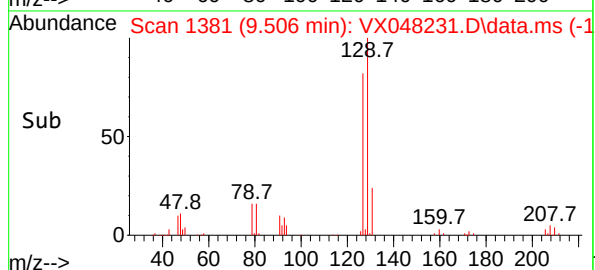
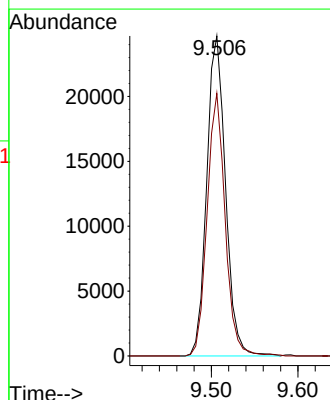
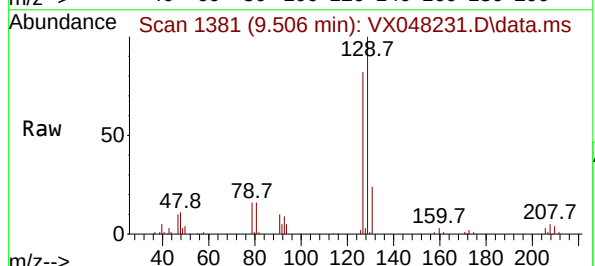
Acq: 20 Oct 2025 11:40

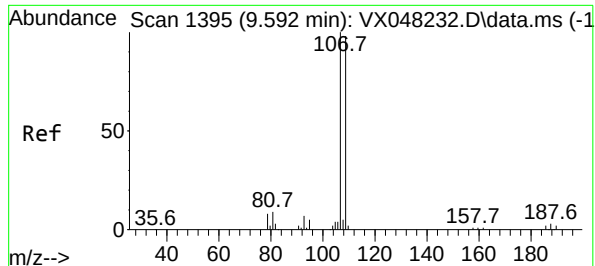
Tgt Ion:129 Resp: 37127

Ion Ratio Lower Upper

129 100

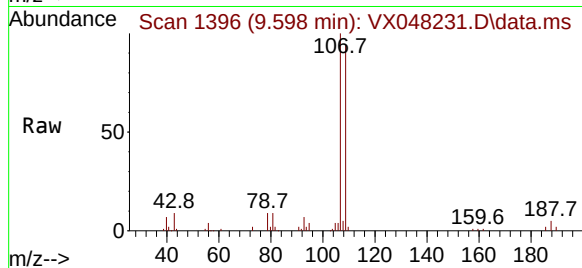
127 78.9 38.6 115.7





#61
1,2-Dibromoethane
Concen: 23.533 ug/l
RT: 9.598 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

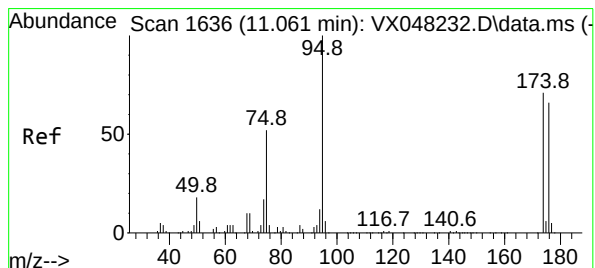
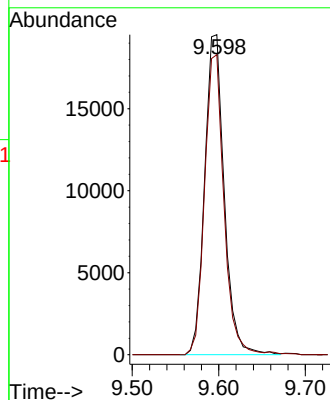
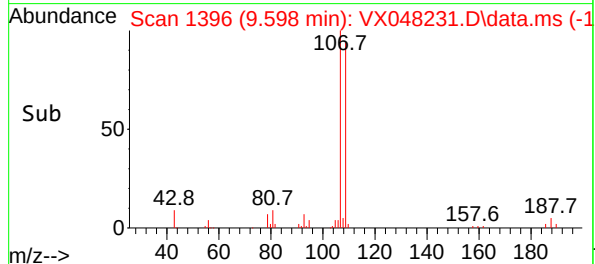
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:107 Resp: 30639
Ion Ratio Lower Upper
107 100
109 92.2 77.0 115.4

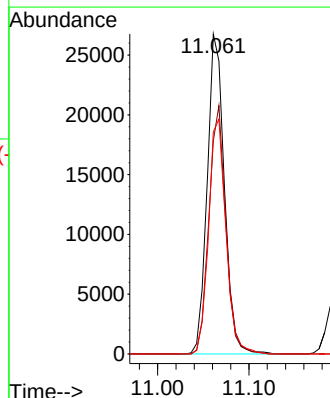
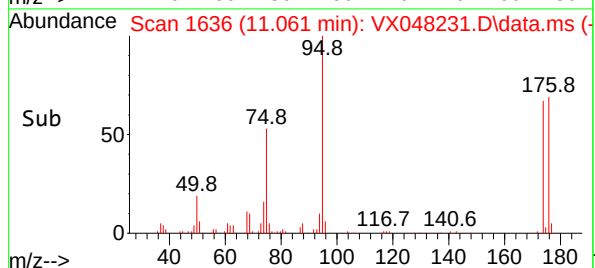
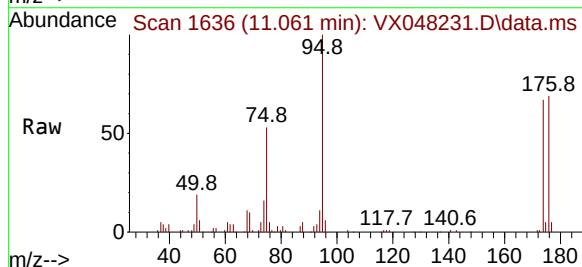
Manual Integrations
APPROVED

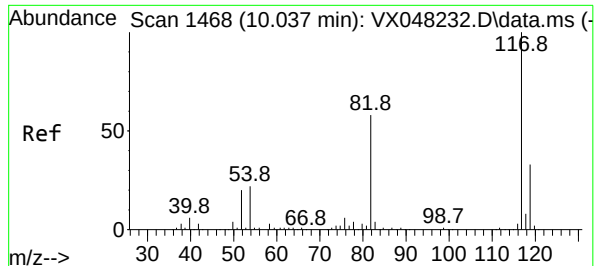
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#62
4-Bromofluorobenzene
Concen: 19.551 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

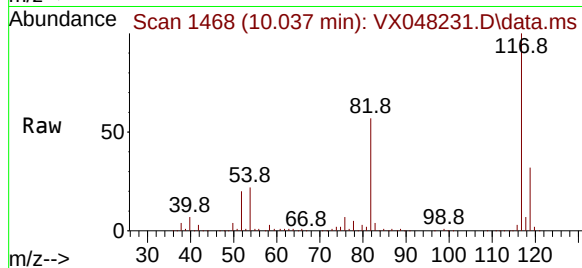
Tgt Ion: 95 Resp: 34724
Ion Ratio Lower Upper
95 100
174 76.8 0.0 147.8
176 74.3 0.0 142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

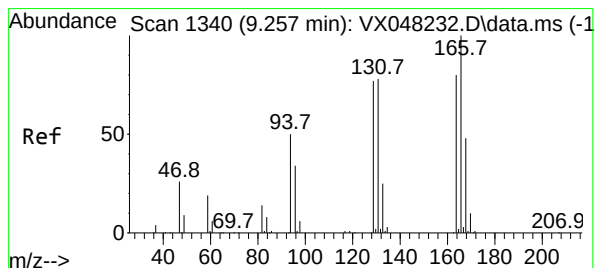
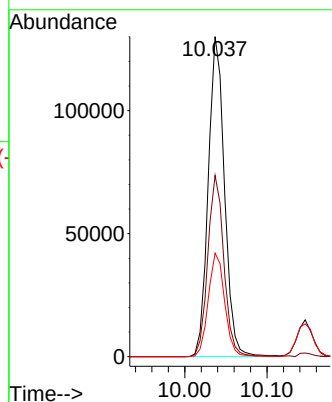
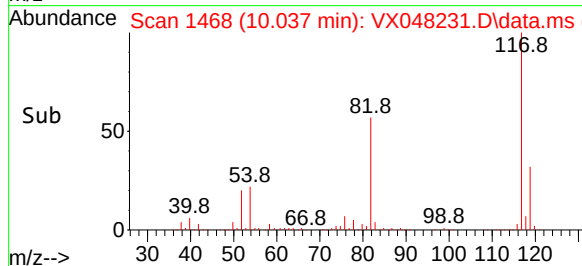
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:117 Resp: 178975
Ion Ratio Lower Upper
117 100
82 56.6 46.5 69.7
119 32.4 25.9 38.9

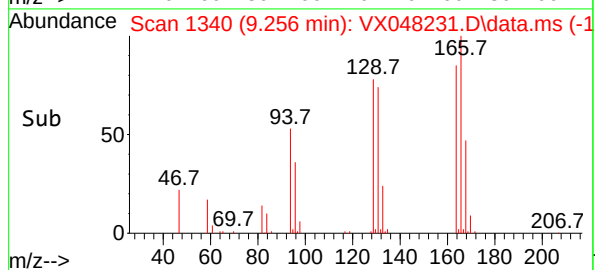
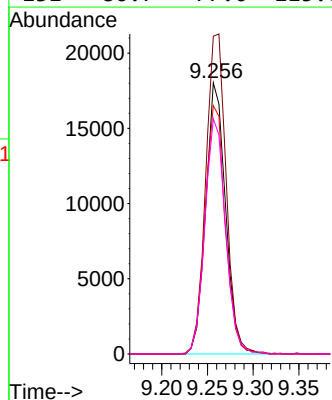
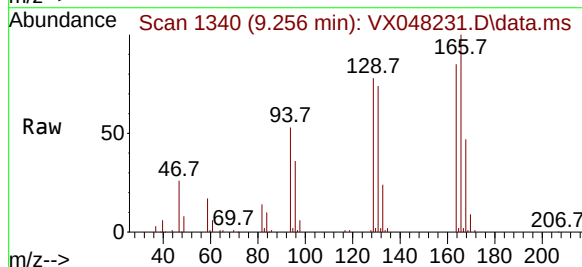
Manual Integrations
APPROVED

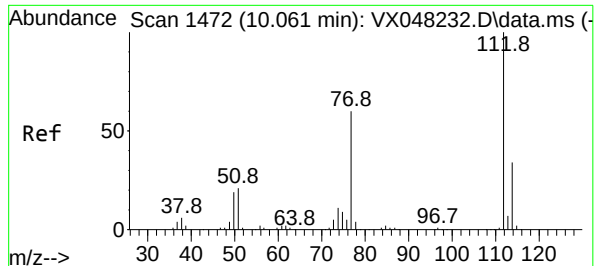
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#64
Tetrachloroethene
Concen: 21.550 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:164 Resp: 27043
Ion Ratio Lower Upper
164 100
166 117.2 104.5 156.7
129 91.6 81.8 122.6
131 86.7 77.0 115.6





#65

Chlorobenzene

Concen: 21.211 ug/l

RT: 10.061 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:112 Resp: 83004

Ion Ratio Lower Upper

112 100

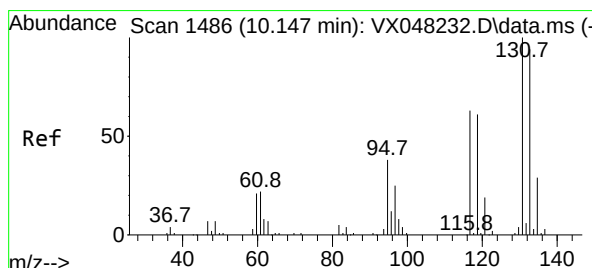
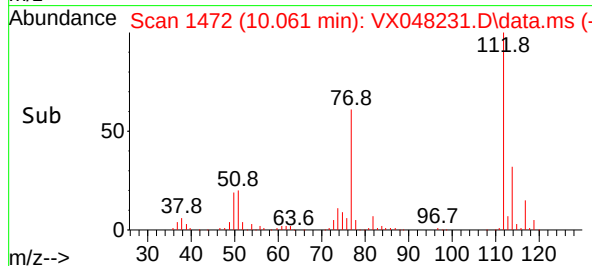
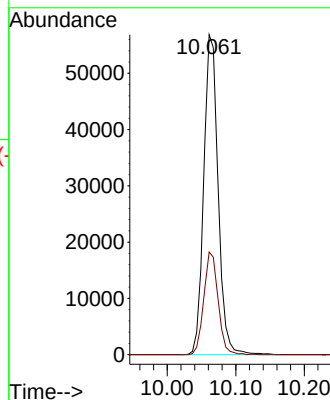
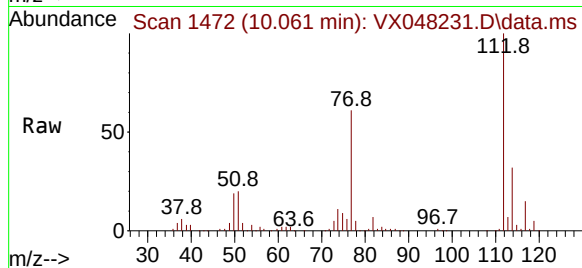
114 32.1 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#66

1,1,1,2-Tetrachloroethane

Concen: 21.471 ug/l

RT: 10.146 min Scan# 1486

Delta R.T. -0.000 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

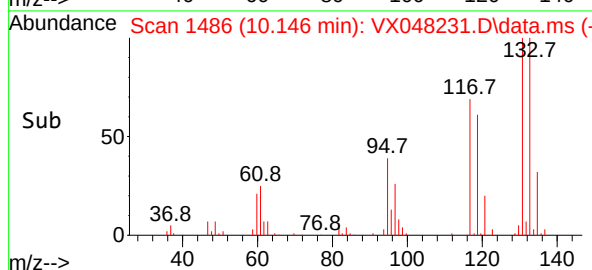
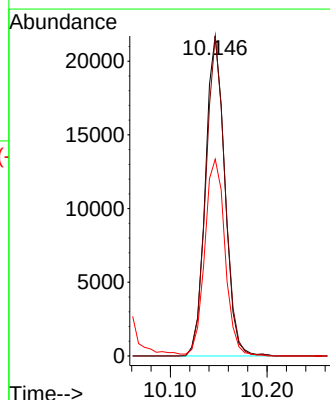
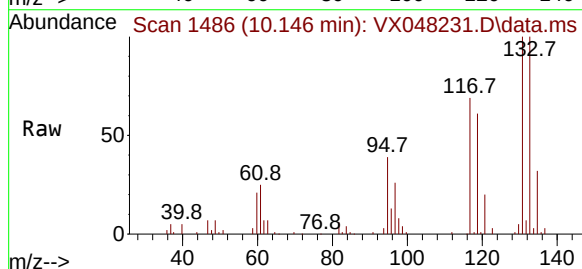
Tgt Ion:131 Resp: 30278

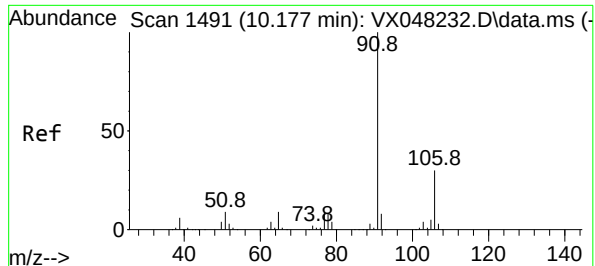
Ion Ratio Lower Upper

131 100

133 98.2 47.6 142.8

119 64.5 32.5 97.5





#67

Ethyl Benzene

Concen: 20.852 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 91 Resp: 13989

Ion Ratio Lower Upper

91 100

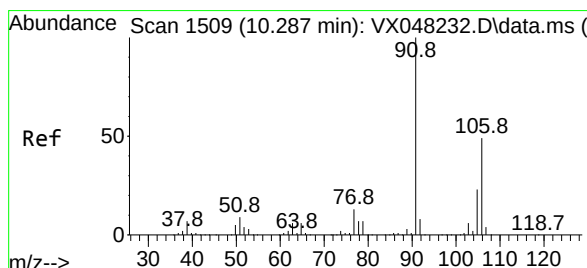
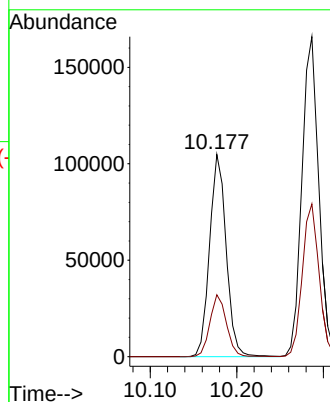
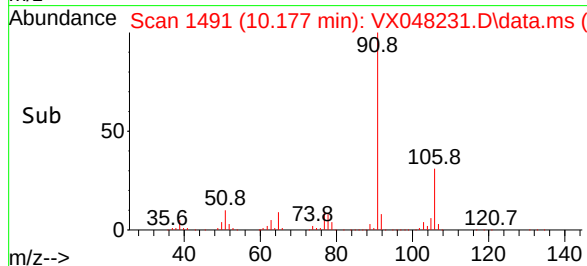
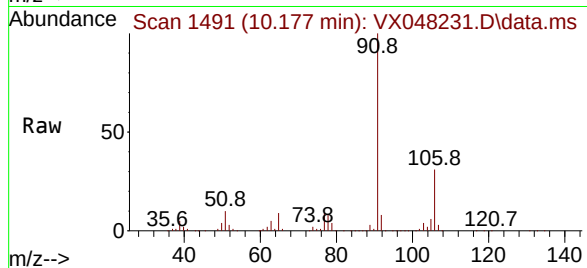
106 30.6 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#68

m/p-Xylenes

Concen: 42.962 ug/l

RT: 10.287 min Scan# 1509

Delta R.T. -0.000 min

Lab File: VX048231.D

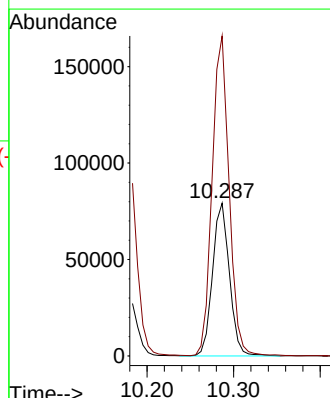
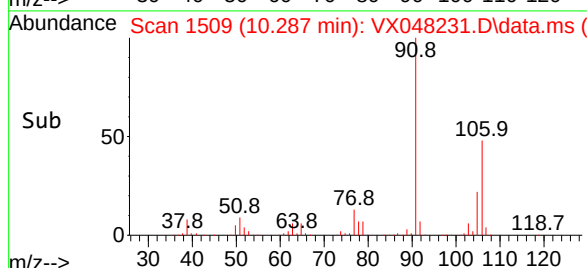
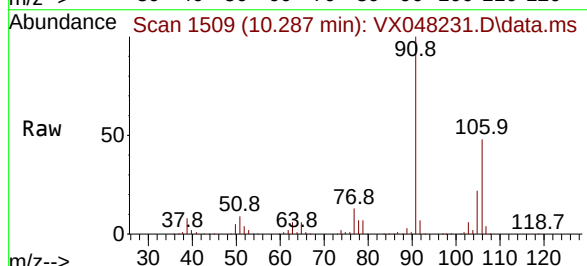
Acq: 20 Oct 2025 11:40

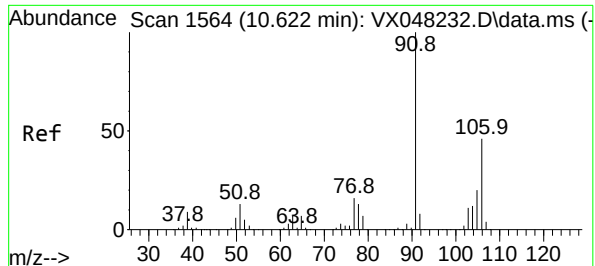
Tgt Ion:106 Resp: 107377

Ion Ratio Lower Upper

106 100

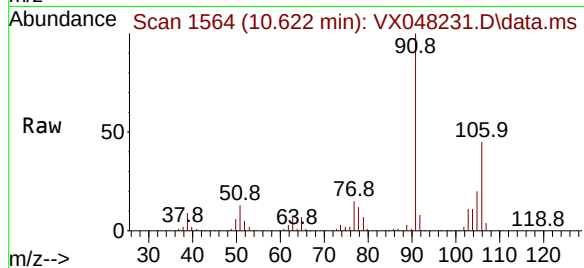
91 209.9 167.9 251.9





#69
o-Xylene
Concen: 21.655 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

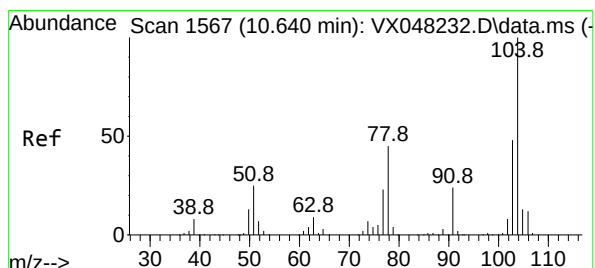
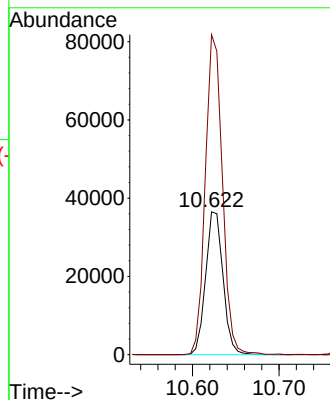
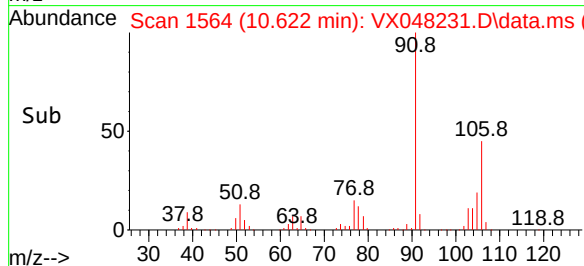
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:106 Resp: 50950
Ion Ratio Lower Upper
106 100
91 220.1 111.3 333.9

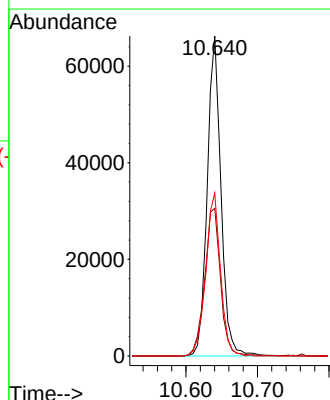
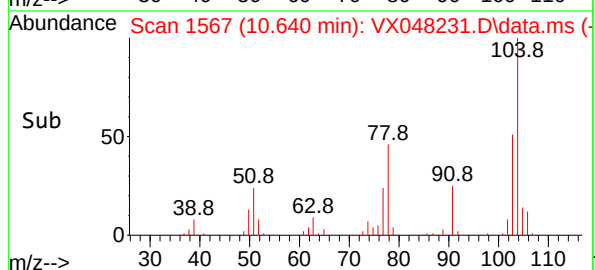
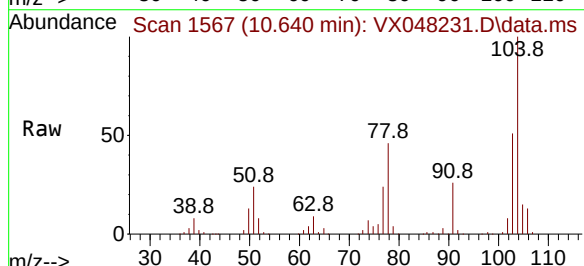
Manual Integrations
APPROVED

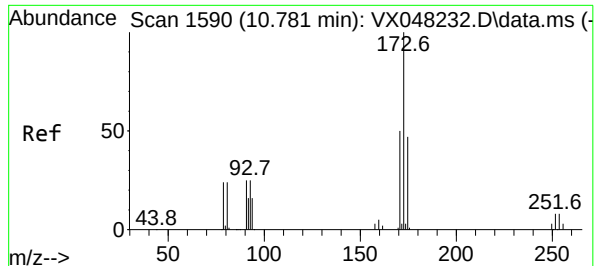
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#70
Styrene
Concen: 21.848 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

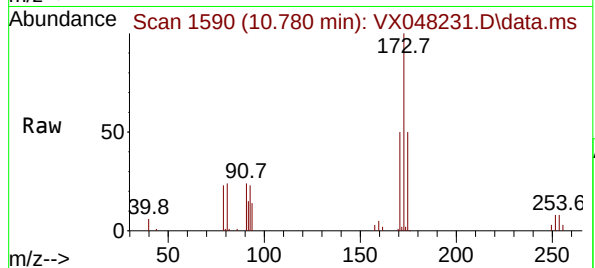
Tgt Ion:104 Resp: 88481
Ion Ratio Lower Upper
104 100
78 53.5 42.2 63.4
103 54.7 43.0 64.4





#71
Bromoform
Concen: 24.168 ug/l
RT: 10.780 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

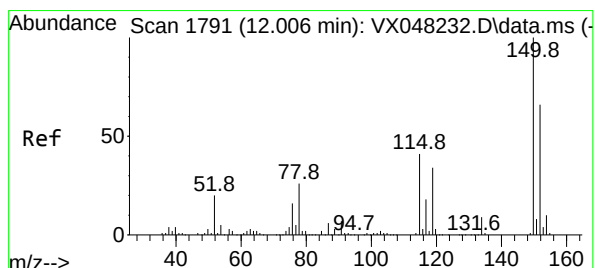
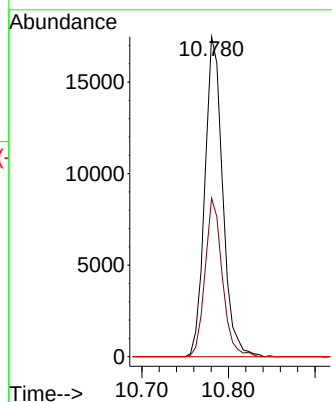
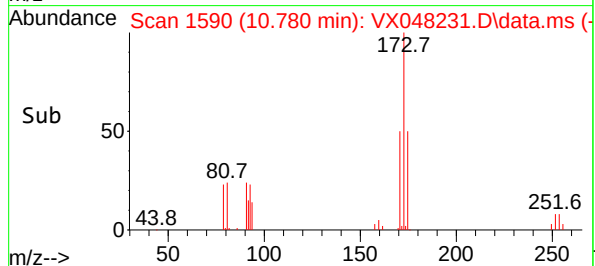
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:173 Resp: 2502
Ion Ratio Lower Upper
173 100
175 47.8 24.0 72.0
254 0.0 0.0 0.0

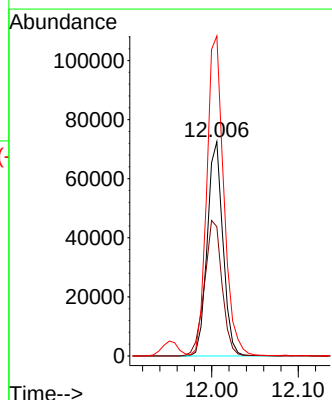
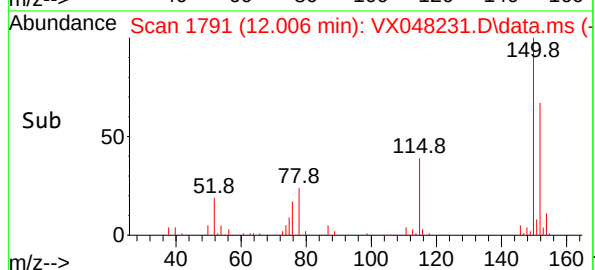
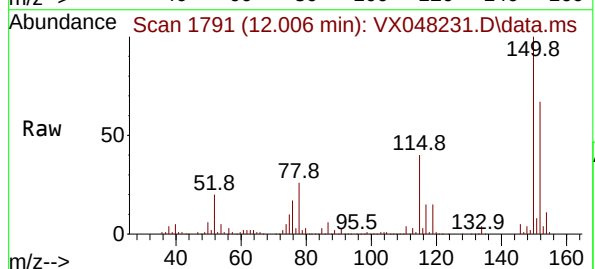
Manual Integrations
APPROVED

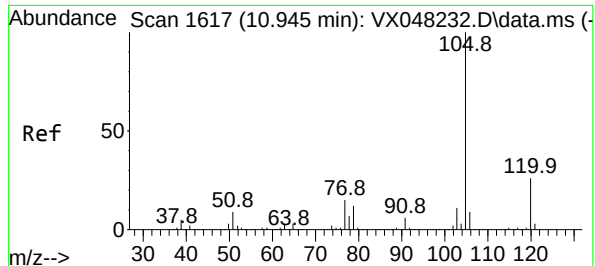
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:152 Resp: 90972
Ion Ratio Lower Upper
152 100
115 71.1 43.1 129.4
150 161.6 0.0 353.0





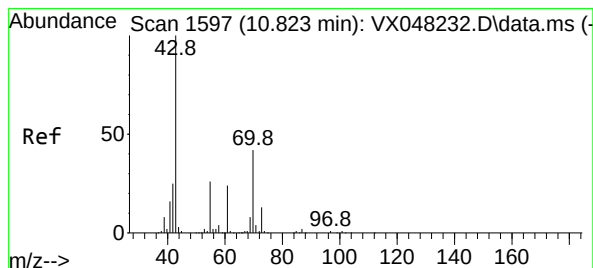
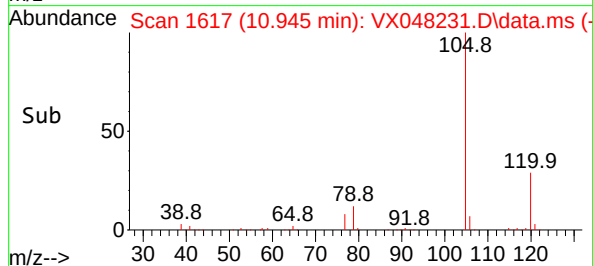
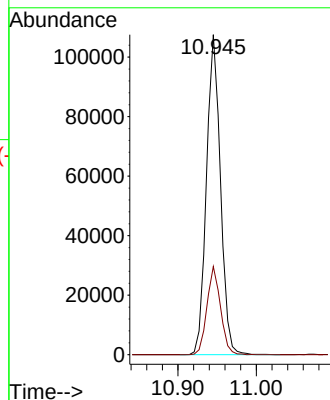
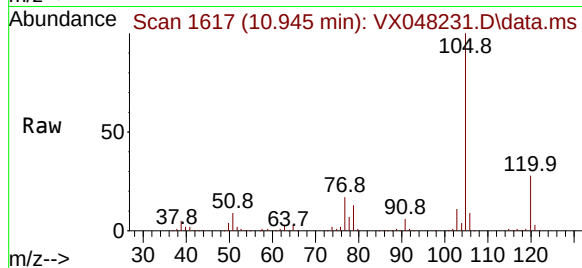
#73
Isopropylbenzene
Concen: 21.025 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 133034
Ion Ratio Lower Upper
105 100
120 26.6 13.0 38.9

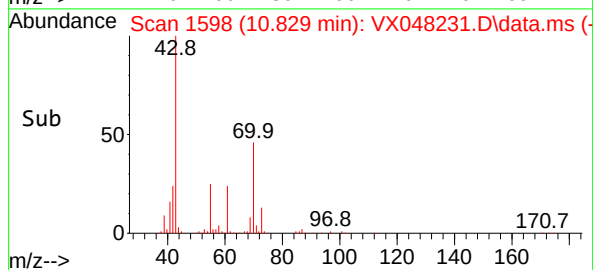
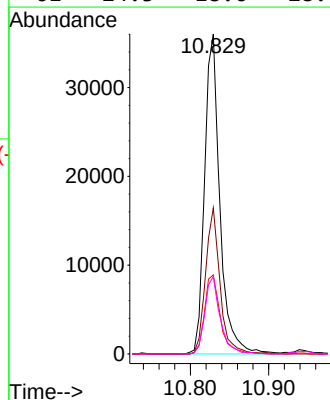
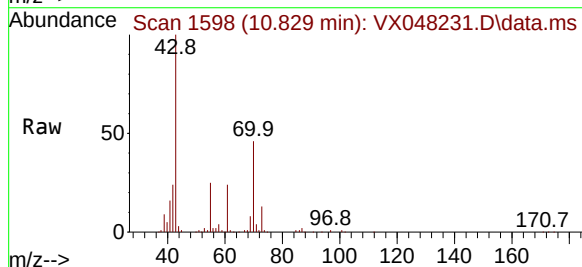
Manual Integrations
APPROVED

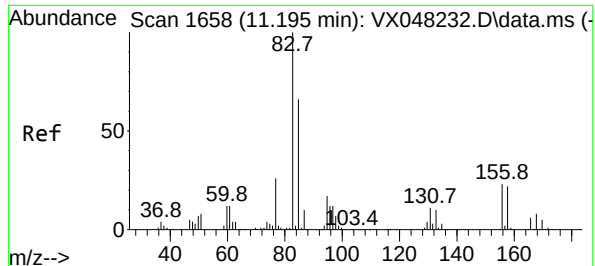
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#74
N-ethyl acetate
Concen: 20.642 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 43 Resp: 48726
Ion Ratio Lower Upper
43 100
70 43.4 32.2 48.2
55 25.5 19.1 28.7
61 24.3 18.6 28.0





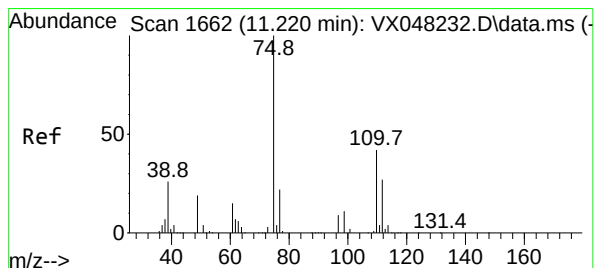
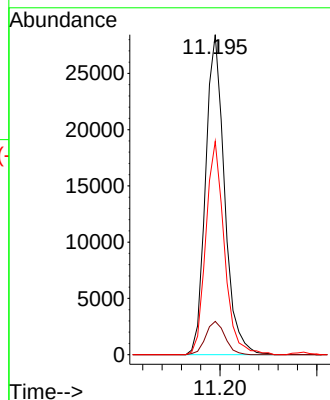
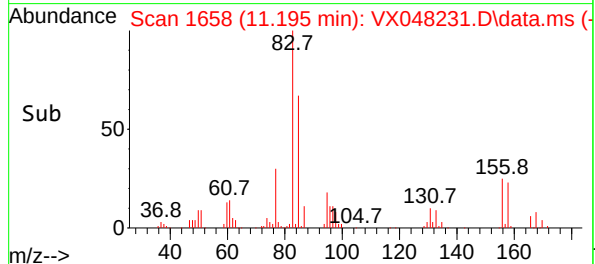
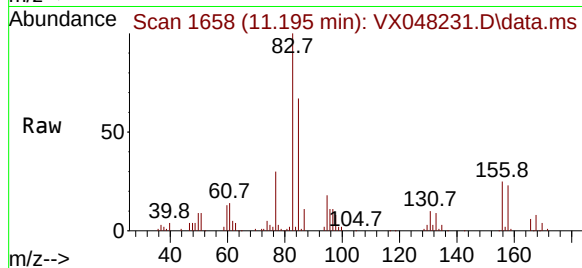
#75
1,1,2,2-Tetrachloroethane
Concen: 21.616 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 38748
Ion Ratio Lower Upper
83 100
131 10.6 4.8 14.4
85 65.2 31.9 95.7

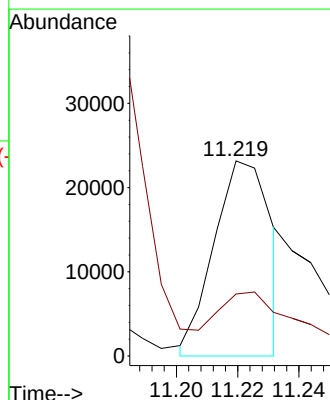
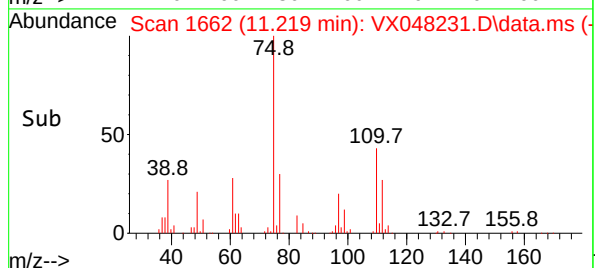
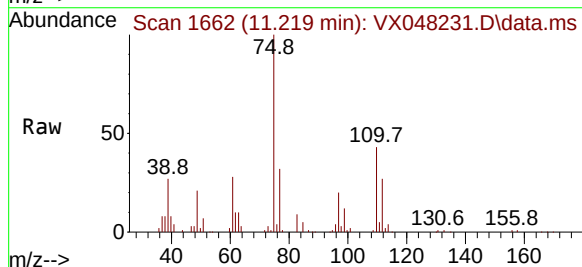
Manual Integrations
APPROVED

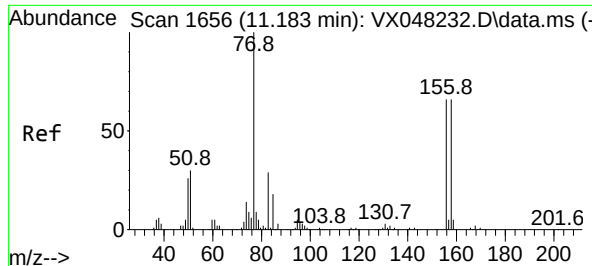
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#76
1,2,3-Trichloropropane
Concen: 21.533 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

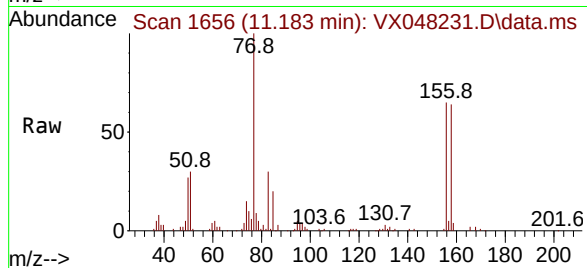
Tgt Ion: 75 Resp: 29913
Ion Ratio Lower Upper
75 100
77 46.2 22.4 67.2





#77
Bromobenzene
Concen: 21.374 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

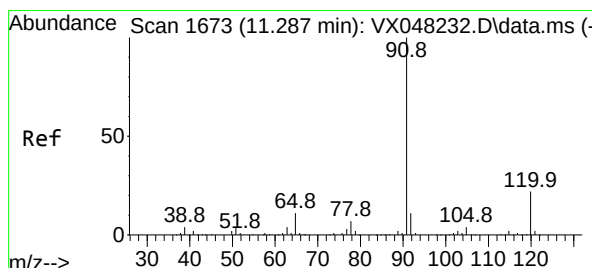
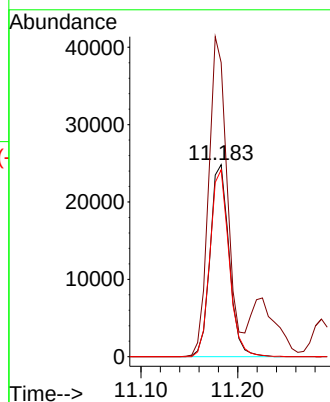
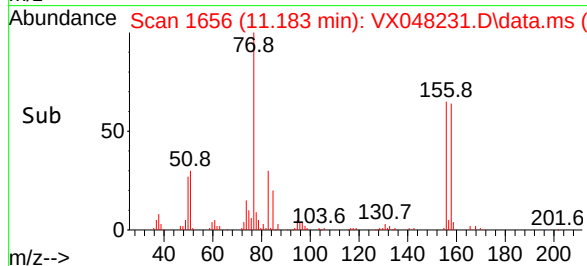
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



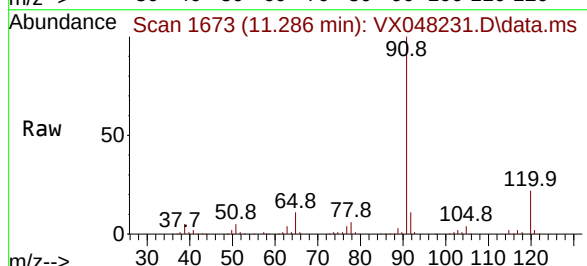
Tgt Ion:156 Resp: 3384
Ion Ratio Lower Upper
156 100
77 164.0 87.0 261.0
158 97.7 47.8 143.4

Manual Integrations
APPROVED

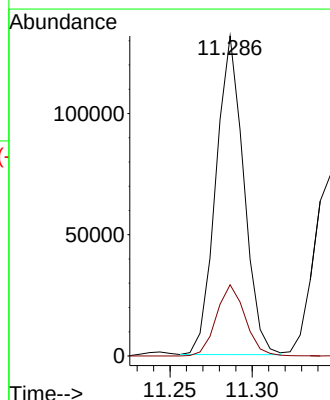
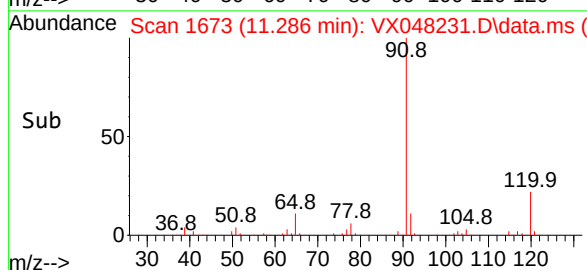
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

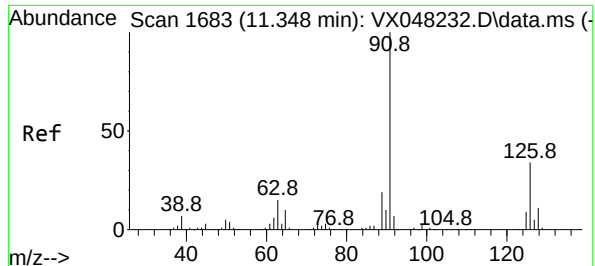


#78
n-propylbenzene
Concen: 20.180 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40



Tgt Ion: 91 Resp: 154839
Ion Ratio Lower Upper
91 100
120 23.1 11.1 33.1





#79

2-Chlorotoluene

Concen: 20.526 ug/l

RT: 11.347 min Scan# 1683

Delta R.T. -0.000 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 95150

Ion Ratio Lower Upper

91 100

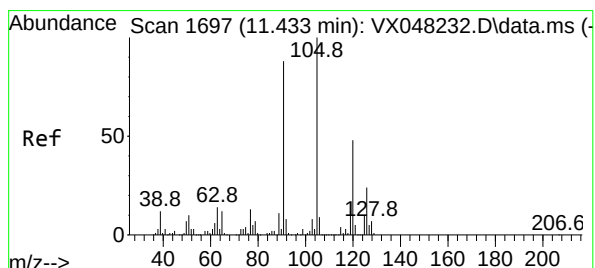
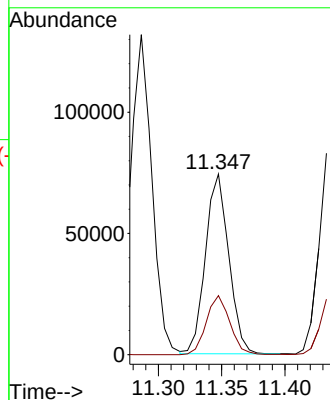
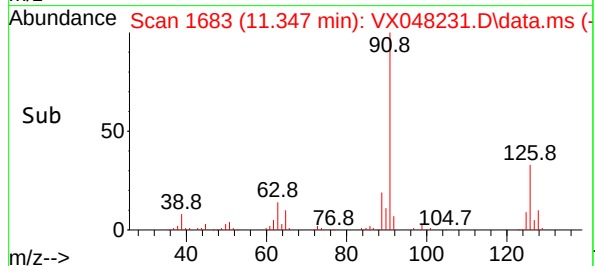
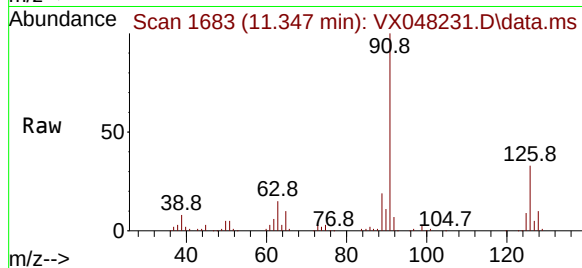
126 33.3 16.4 49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#80

1,3,5-Trimethylbenzene

Concen: 21.575 ug/l

RT: 11.433 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VX048231.D

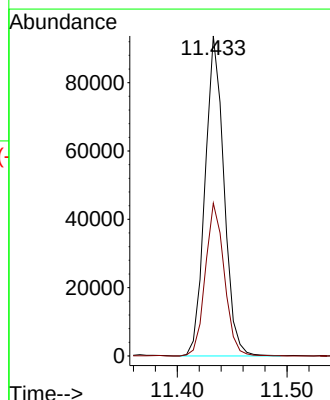
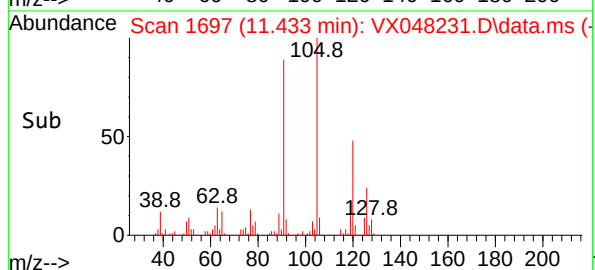
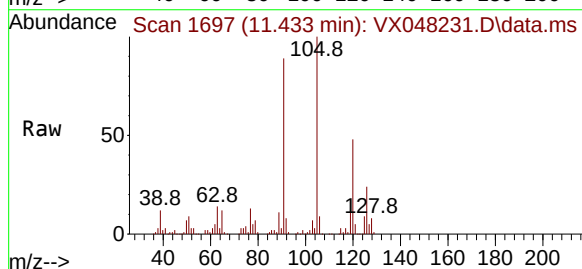
Acq: 20 Oct 2025 11:40

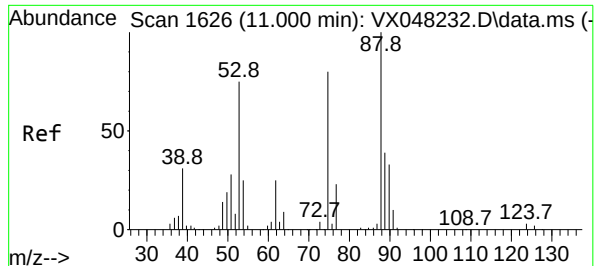
Tgt Ion:105 Resp: 112057

Ion Ratio Lower Upper

105 100

120 47.9 24.0 72.0





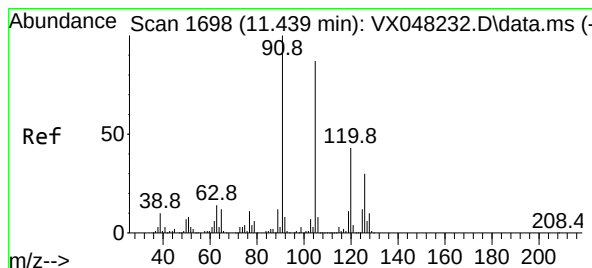
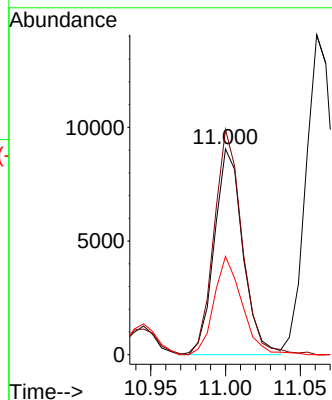
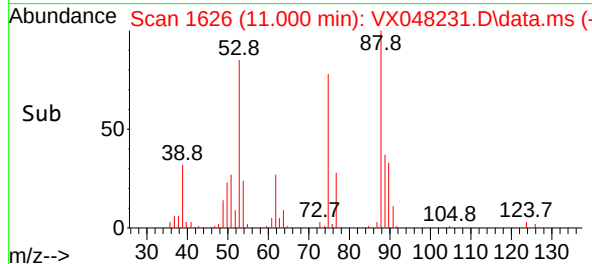
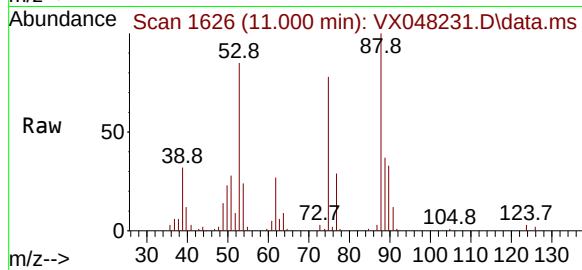
#81
trans-1,4-Dichloro-2-butene
Concen: 21.154 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 1200
Ion Ratio Lower Upper
75 100
53 107.3 79.5 119.3
89 46.9 36.8 55.2

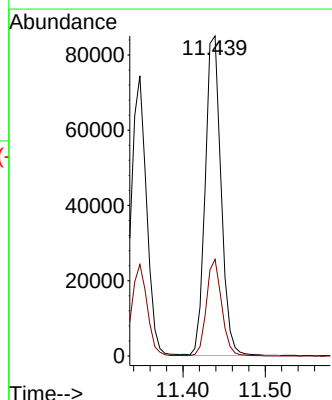
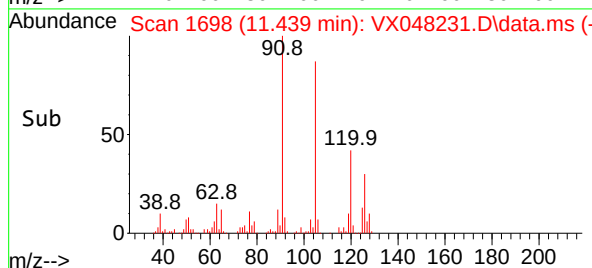
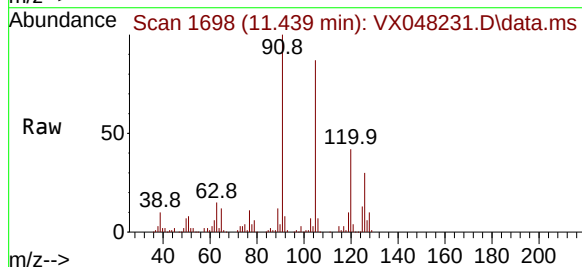
Manual Integrations
APPROVED

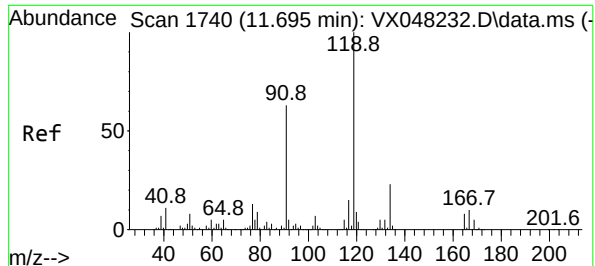
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#82
4-Chlorotoluene
Concen: 20.833 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 91 Resp: 113495
Ion Ratio Lower Upper
91 100
126 29.3 14.1 42.4





#83

tert-Butylbenzene

Concen: 21.403 ug/l

RT: 11.695 min Scan# 11230

Delta R.T. -0.000 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:119 Resp: 11230

Ion Ratio Lower Upper

119 100

91 57.4 30.3 91.0

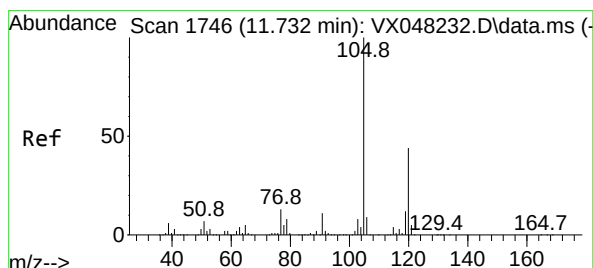
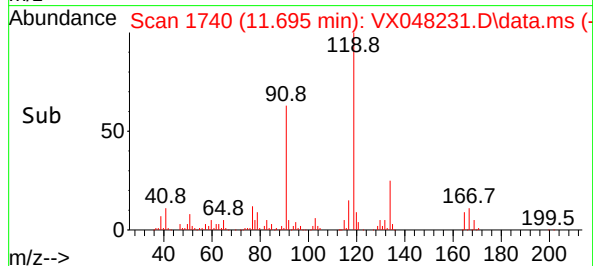
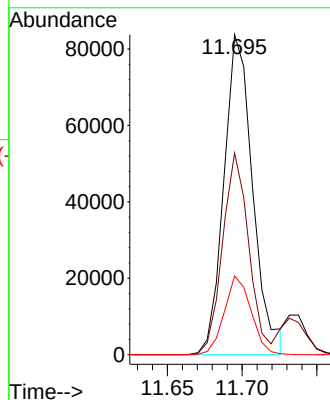
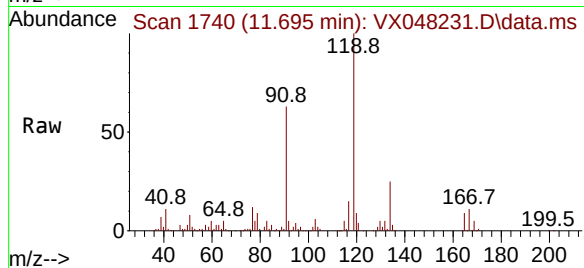
134 22.8 11.4 34.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#84

1,2,4-Trimethylbenzene

Concen: 21.652 ug/l

RT: 11.732 min Scan# 1746

Delta R.T. -0.000 min

Lab File: VX048231.D

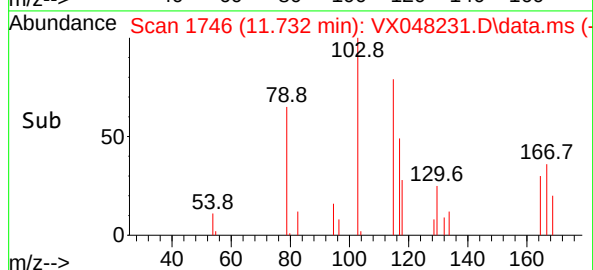
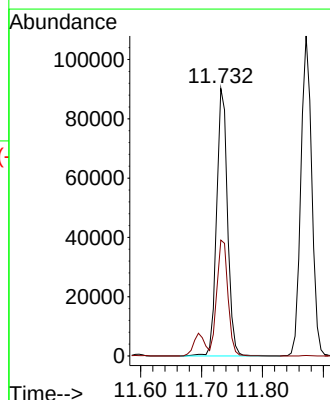
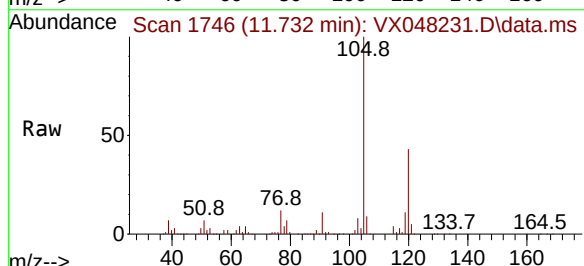
Acq: 20 Oct 2025 11:40

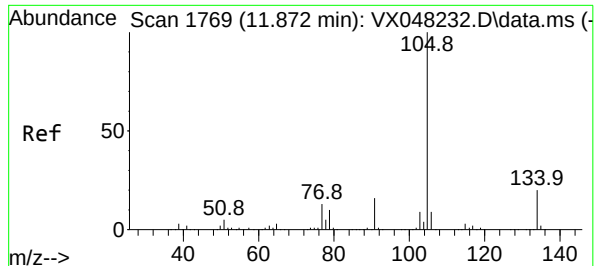
Tgt Ion:105 Resp: 111976

Ion Ratio Lower Upper

105 100

120 44.2 22.1 66.5





#85

sec-Butylbenzene

Concen: 20.891 ug/l

RT: 11.872 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:105 Resp: 134014

Ion Ratio Lower Upper

105 100

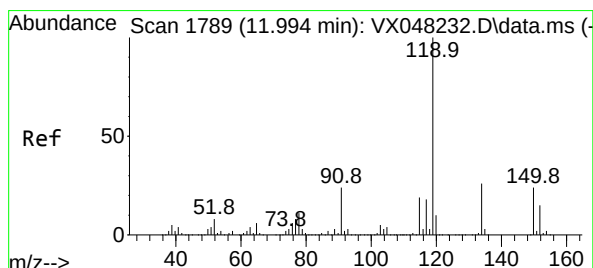
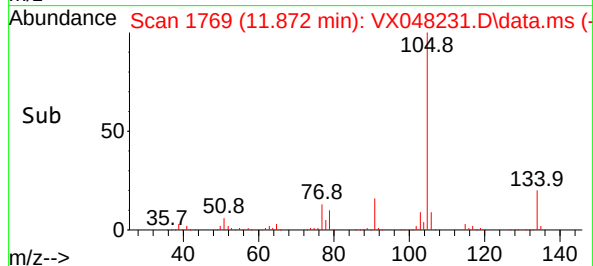
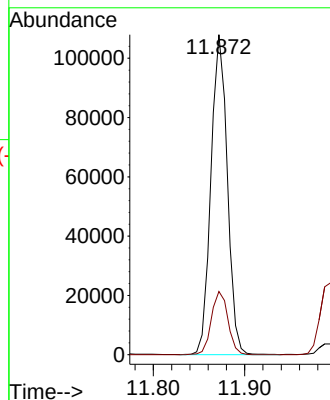
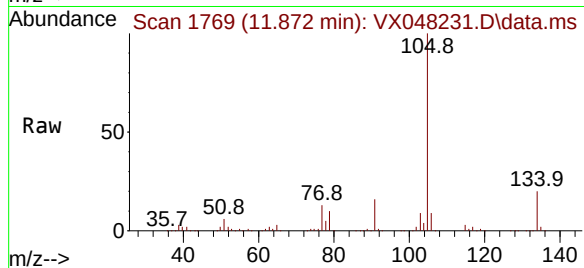
134 20.0 10.1 30.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#86

p-Isopropyltoluene

Concen: 21.263 ug/l

RT: 11.994 min Scan# 1789

Delta R.T. 0.006 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

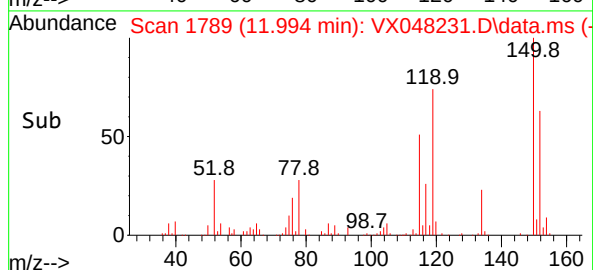
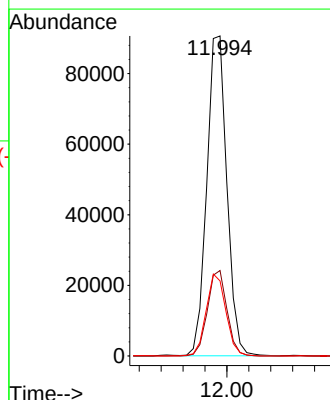
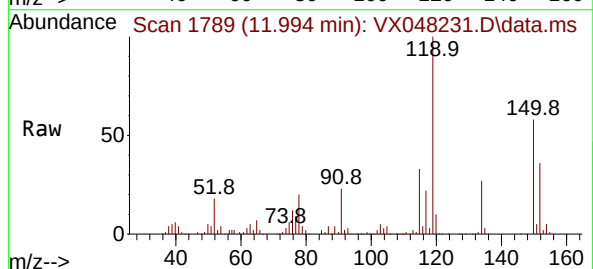
Tgt Ion:119 Resp: 114969

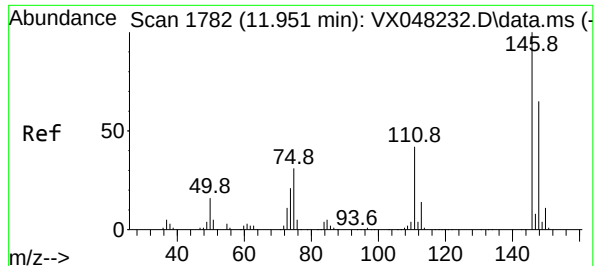
Ion Ratio Lower Upper

119 100

134 26.0 13.0 39.0

91 25.1 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 21.403 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 6337

Ion Ratio Lower Upper

146 100

111 41.8 20.4 61.2

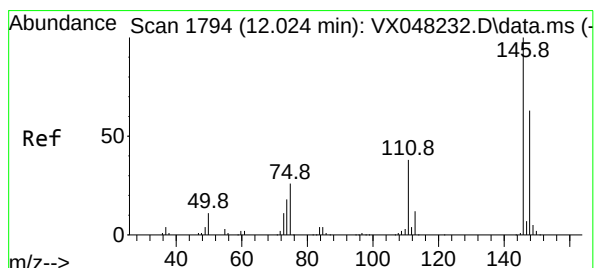
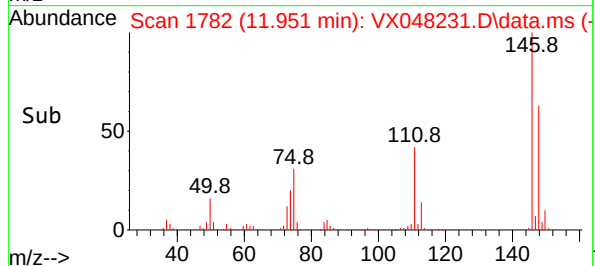
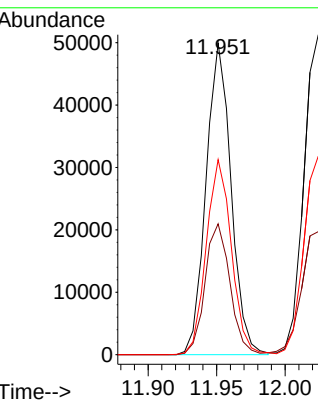
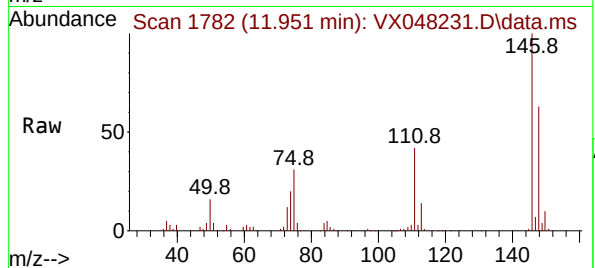
148 63.1 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#88

1,4-Dichlorobenzene

Concen: 21.375 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

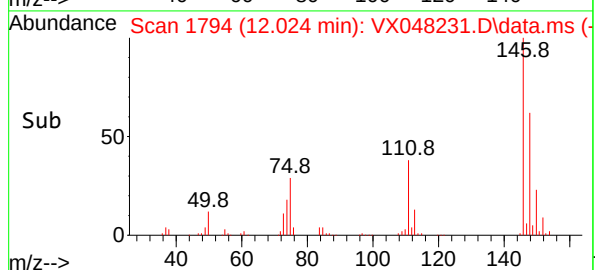
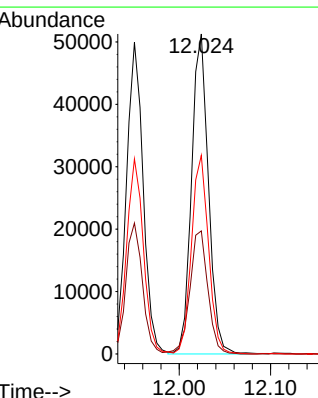
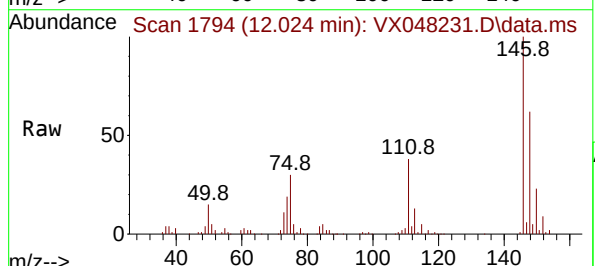
Tgt Ion:146 Resp: 65612

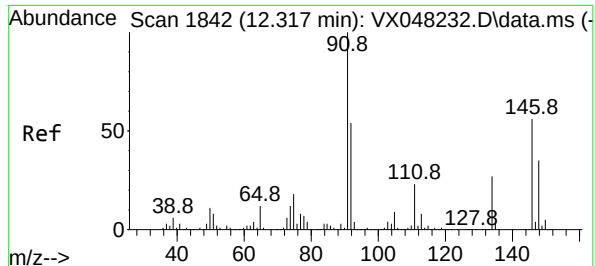
Ion Ratio Lower Upper

146 100

111 41.3 20.1 60.2

148 62.6 31.8 95.3





#89

n-Butylbenzene

Concen: 20.281 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. 0.006 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 91 Resp: 102140

Ion Ratio Lower Upper

91 100

92 52.3 26.9 80.6

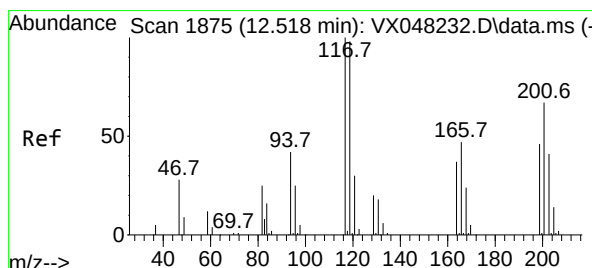
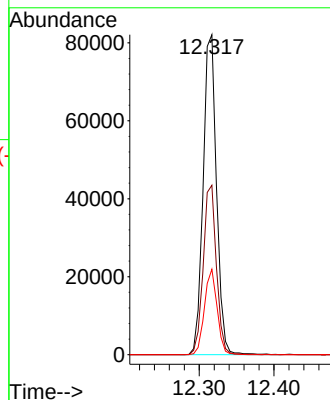
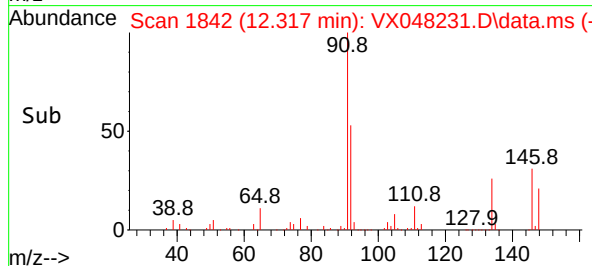
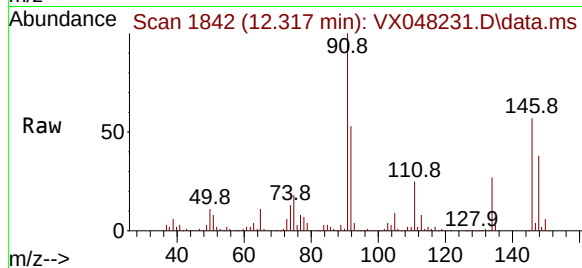
134 25.2 12.7 38.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#90

Hexachloroethane

Concen: 19.811 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VX048231.D

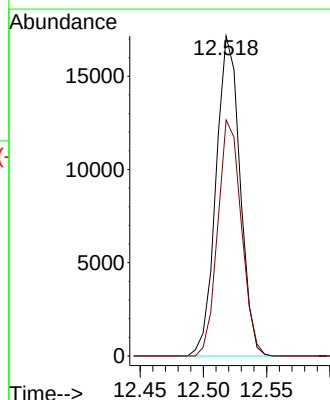
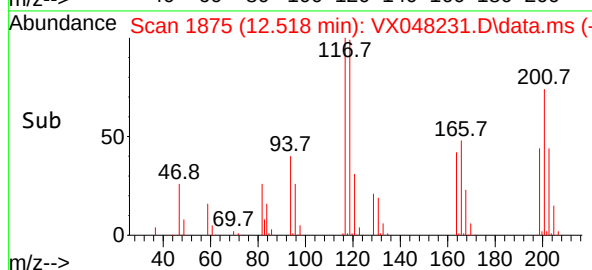
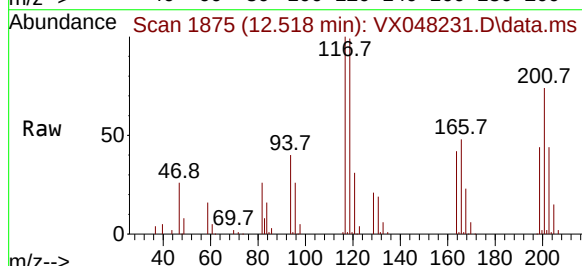
Acq: 20 Oct 2025 11:40

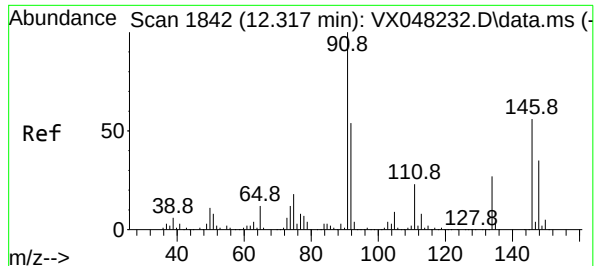
Tgt Ion:117 Resp: 22609

Ion Ratio Lower Upper

117 100

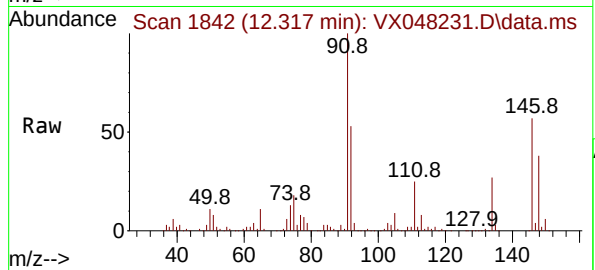
201 72.6 34.1 102.2





#91
1,2-Dichlorobenzene
Concen: 21.212 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

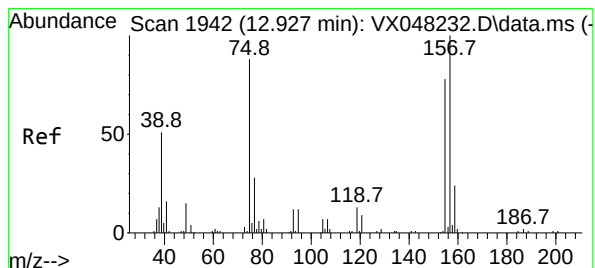
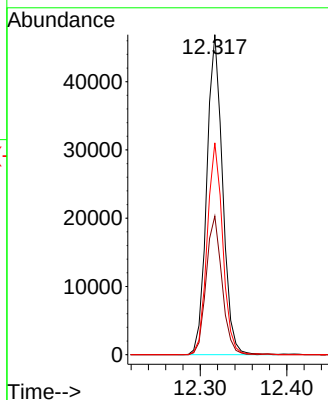
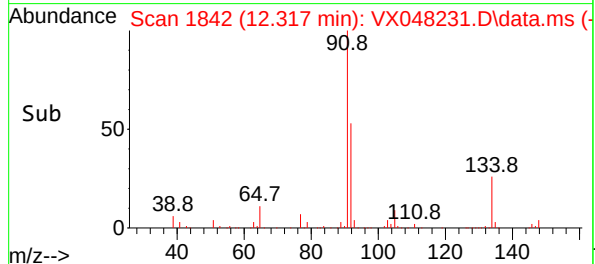
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:146 Resp: 5934
Ion Ratio Lower Upper
146 100
111 43.2 21.9 65.5
148 64.9 31.9 95.5

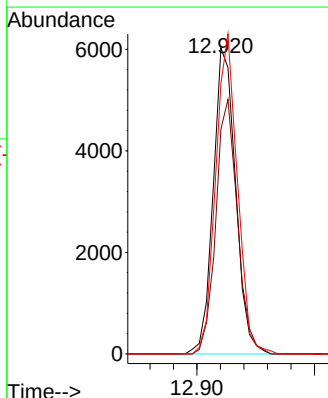
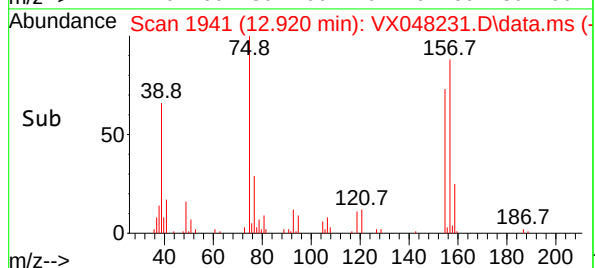
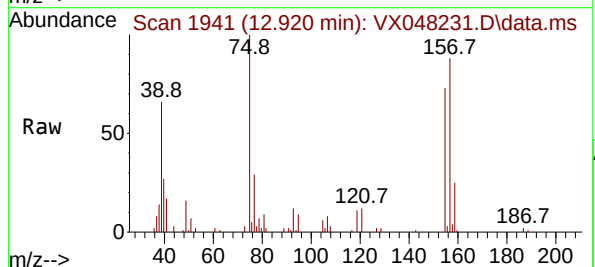
Manual Integrations
APPROVED

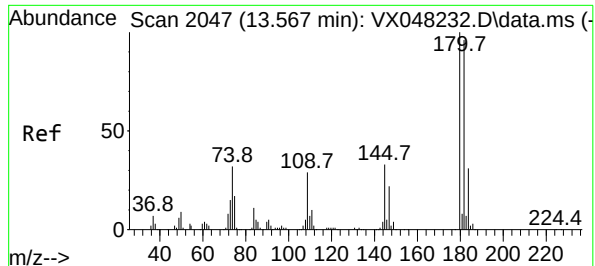
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 24.372 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 75 Resp: 7983
Ion Ratio Lower Upper
75 100
155 80.3 42.8 128.4
157 101.4 54.2 162.6





#93

1,2,4-Trichlorobenzene

Concen: 21.473 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

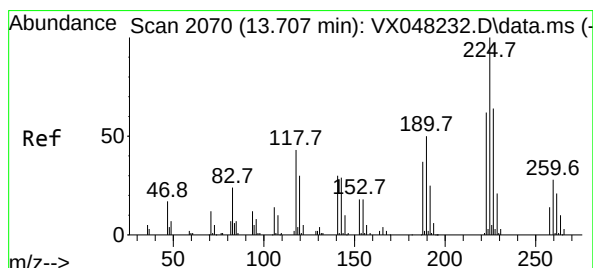
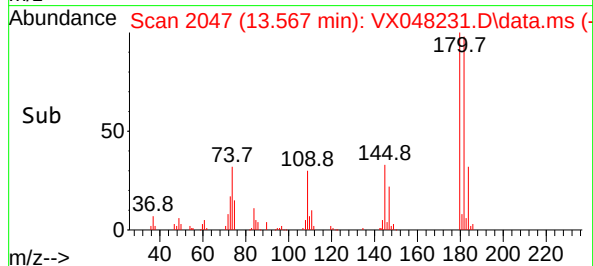
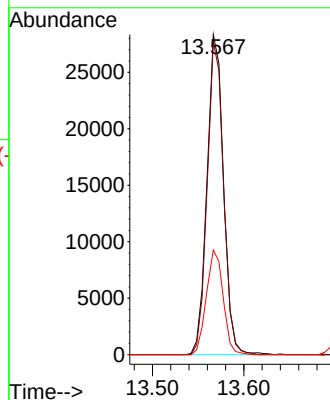
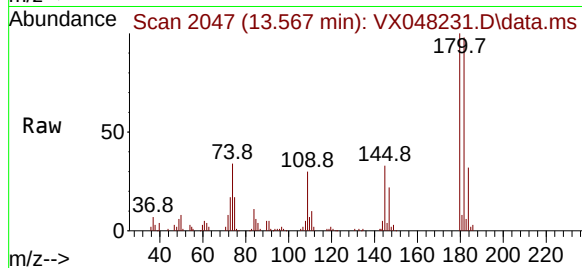
Tgt Ion:180	Resp:	3546
Ion Ratio	Lower	Upper
180	100	
182	96.3	47.3 142.0
145	33.2	16.3 48.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#94

Hexachlorobutadiene

Concen: 22.810 ug/l

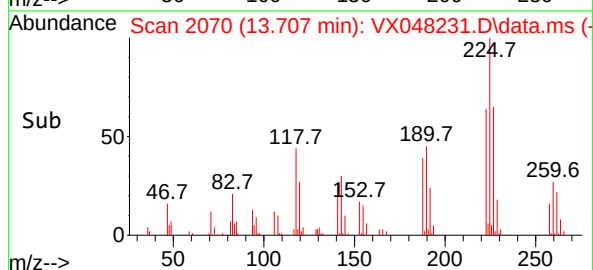
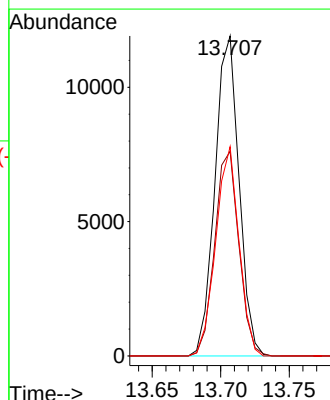
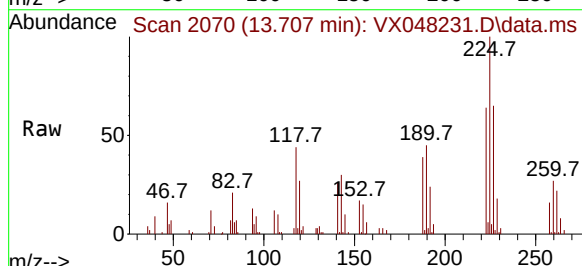
RT: 13.707 min Scan# 2070

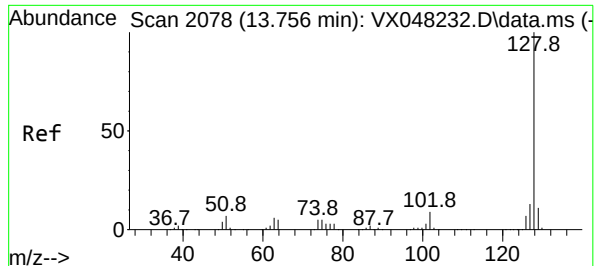
Delta R.T. 0.006 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

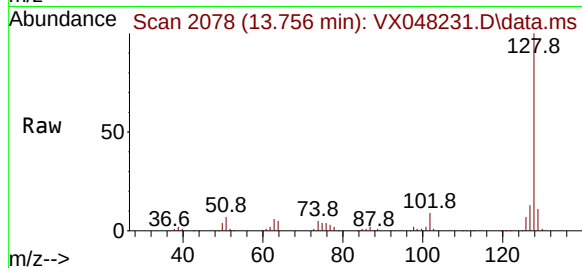
Tgt Ion:225	Resp:	14529
Ion Ratio	Lower	Upper
225	100	
223	64.3	32.6 97.7
227	63.2	32.5 97.4





#95
Naphthalene
Concen: 24.073 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

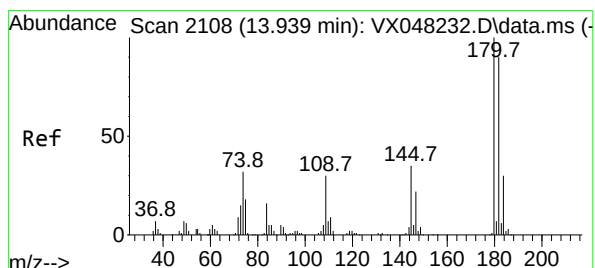
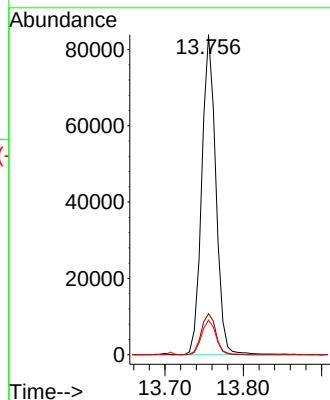
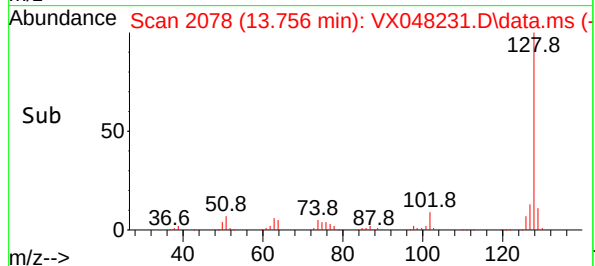
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:128 Resp: 10480
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 11.0 8.6 12.8

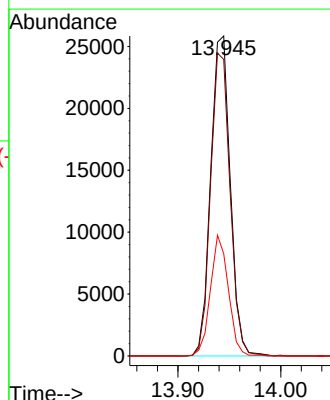
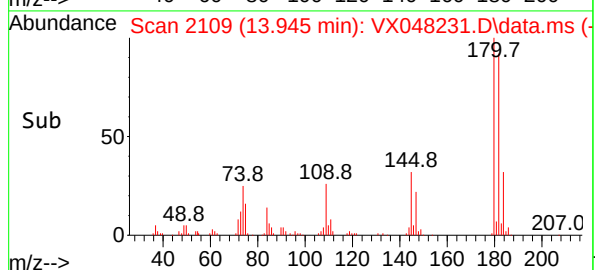
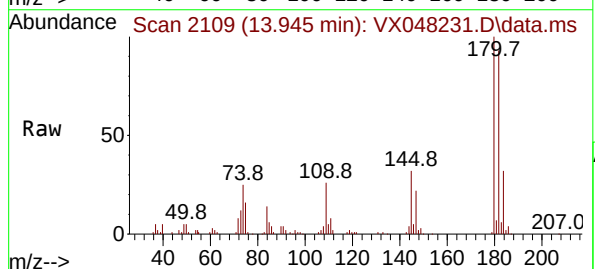
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#96
1,2,3-Trichlorobenzene
Concen: 22.493 ug/l
RT: 13.945 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:180 Resp: 34276
Ion Ratio Lower Upper
180 100
182 94.0 46.6 139.7
145 34.6 16.9 50.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
 Data File : VX048232.D
 Acq On : 20 Oct 2025 12:01
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/21/2025
 Supervised By : Semsettin Yesilyurt 10/21/2025

Quant Time: Oct 20 12:35:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 12:35:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	124491	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	201906	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	184494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	92693	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	84951	44.048	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.100%		
35) Dibromofluoromethane	5.379	113	66593	47.523	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.040%		
50) Toluene-d8	8.635	98	239295	47.402	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.800%		
62) 4-Bromofluorobenzene	11.061	95	89579	48.719	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.440%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	60172	46.052	ug/l	98
3) Chloromethane	1.301	50	55934	35.336	ug/l	100
4) Vinyl Chloride	1.380	62	51819	31.067	ug/l	99
5) Bromomethane	1.618	94	35101	31.646	ug/l	98
6) Chloroethane	1.697	64	30718	28.940	ug/l	95
7) Trichlorofluoromethane	1.898	101	100423	38.358	ug/l	99
8) Diethyl Ether	2.136	74	27723	31.044	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.337	101	62391	42.290	ug/l	95
10) Methyl Iodide	2.459	142	82552	46.716	ug/l	99
11) Tert butyl alcohol	2.947	59	38534	301.123	ug/l	99
12) 1,1-Dichloroethene	2.325	96	60330	41.821	ug/l	94
13) Acrolein	2.239	56	40536	150.726	ug/l	100
14) Allyl chloride	2.666	41	100234	38.627	ug/l	97
15) Acrylonitrile	3.056	53	149009	243.004	ug/l	100
16) Acetone	2.374	43	126003	191.520	ug/l	100
17) Carbon Disulfide	2.514	76	179492	40.440	ug/l	99
18) Methyl Acetate	2.703	43	58071	43.336	ug/l	91
19) Methyl tert-butyl Ether	3.111	73	212092	48.809	ug/l	96
20) Methylene Chloride	2.788	84	68663	42.841	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	66608	44.631	ug/l	96
22) Diisopropyl ether	3.757	45	206901	40.720	ug/l	91
23) Vinyl Acetate	3.715	43	839370	220.927	ug/l	97
24) 1,1-Dichloroethane	3.611	63	121657	42.204	ug/l	99
25) 2-Butanone	4.544	43	175075	228.411	ug/l	93
26) 2,2-Dichloropropane	4.471	77	109062	44.264	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	77911	43.988	ug/l	98
28) Bromochloromethane	4.885	49	54919	41.331	ug/l	85
29) Tetrahydrofuran	4.989	42	106381	236.335	ug/l	93
30) Chloroform	5.087	83	130274	42.925	ug/l	96
31) Cyclohexane	5.465	56	102251	43.351	ug/l	92
32) 1,1,1-Trichloroethane	5.373	97	121090	48.560	ug/l	99
36) 1,1-Dichloropropene	5.684	75	87493	44.323	ug/l	98
37) Ethyl Acetate	4.702	43	74261	47.073	ug/l	97
38) Carbon Tetrachloride	5.666	117	111708	49.302	ug/l	98
39) Methylcyclohexane	7.367	83	109077	49.008	ug/l	94
40) Benzene	6.025	78	262745	44.825	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
 Data File : VX048232.D
 Acq On : 20 Oct 2025 12:01
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025

Quant Time: Oct 20 12:35:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 12:35:14 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	41293	48.874	ug/l	96
42) 1,2-Dichloroethane	6.074	62	100937	48.064	ug/l	99
43) Isopropyl Acetate	6.324	43	128290	48.444	ug/l	96
44) Trichloroethene	7.111	130	70313	47.597	ug/l	98
45) 1,2-Dichloropropane	7.415	63	64895	43.746	ug/l	99
46) Dibromomethane	7.568	93	49874	46.726	ug/l	94
47) Bromodichloromethane	7.806	83	108671	47.107	ug/l	97
48) Methyl methacrylate	7.678	41	65057	47.990	ug/l	94
49) 1,4-Dioxane	7.647	88	17905	1467.288	ug/l	90
51) 4-Methyl-2-Pentanone	8.555	43	380665	258.320	ug/l	95
52) Toluene	8.702	92	173942	49.373	ug/l	100
53) t-1,3-Dichloropropene	8.964	75	109960	50.880	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	115534	49.046	ug/l	93
55) 1,1,2-Trichloroethane	9.135	97	64737	49.248	ug/l	96
56) Ethyl methacrylate	9.104	69	98851	55.290	ug/l	94
57) 1,3-Dichloropropane	9.293	76	110709	48.206	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	262387	285.817	ug/l	95
59) 2-Hexanone	9.415	43	269143	261.113	ug/l	96
60) Dibromochloromethane	9.506	129	85760	52.123	ug/l	98
61) 1,2-Dibromoethane	9.592	107	69022	51.208	ug/l	99
64) Tetrachloroethene	9.257	164	60510	46.776	ug/l	96
65) Chlorobenzene	10.061	112	192841	47.805	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	71930	49.482	ug/l	98
67) Ethyl Benzene	10.177	91	336660	48.680	ug/l	99
68) m/p-Xylenes	10.287	106	253662	98.455	ug/l	100
69) o-Xylene	10.622	106	122582	50.542	ug/l	98
70) Styrene	10.640	104	210861	50.508	ug/l	100
71) Bromoform	10.781	173	56874	53.279	ug/l #	100
73) Isopropylbenzene	10.945	105	317974	49.321	ug/l	100
74) N-amyl acetate	10.823	43	115683	48.098	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.195	83	87705	48.020	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	68104m	48.115	ug/l	
77) Bromobenzene	11.183	156	79543	49.303	ug/l	94
78) n-propylbenzene	11.287	91	372312	47.621	ug/l	98
79) 2-Chlorotoluene	11.348	91	222217	47.045	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	265174	50.108	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	29295	50.678	ug/l	98
82) 4-Chlorotoluene	11.439	91	267236	48.142	ug/l	98
83) tert-Butylbenzene	11.695	119	270202	50.539	ug/l	96
84) 1,2,4-Trimethylbenzene	11.732	105	265485	50.381	ug/l	99
85) sec-Butylbenzene	11.872	105	322219	49.298	ug/l	100
86) p-Isopropyltoluene	11.994	119	276821	50.246	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	143699	47.627	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	146196	46.744	ug/l	99
89) n-Butylbenzene	12.317	91	243063	47.367	ug/l	99
90) Hexachloroethane	12.518	117	52735	45.350	ug/l	96
91) 1,2-Dichlorobenzene	12.317	146	138489	48.582	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.927	75	18059	54.111	ug/l	99
93) 1,2,4-Trichlorobenzene	13.567	180	88920	52.839	ug/l	99
94) Hexachlorobutadiene	13.707	225	34615	53.334	ug/l	97
95) Naphthalene	13.756	128	257281	57.999	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	84279	54.281	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048232.D
Acq On : 20 Oct 2025 12:01
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

Quant Time: Oct 20 12:35:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 12:35:14 2025
Response via : Initial Calibration

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

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

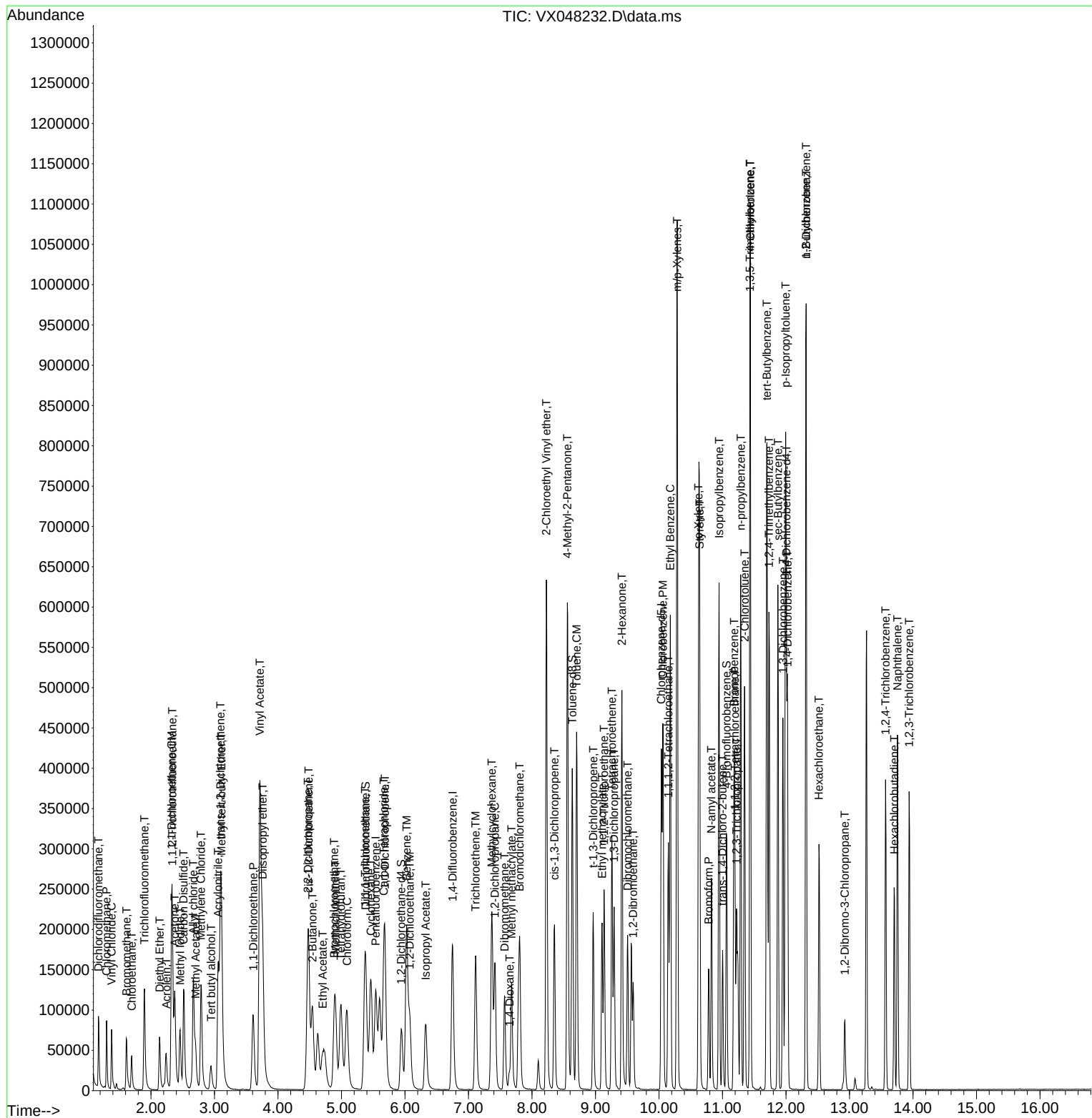
```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\  
Data File : VX048232.D  
Acq On    : 20 Oct 2025  12:01  
Operator  : JC/MD  
Sample    : VSTDICCC050  
Misc      : 5.0mL/MSVOA_X/WATER  
ALS Vial  : 7   Sample Multiplier: 1
```

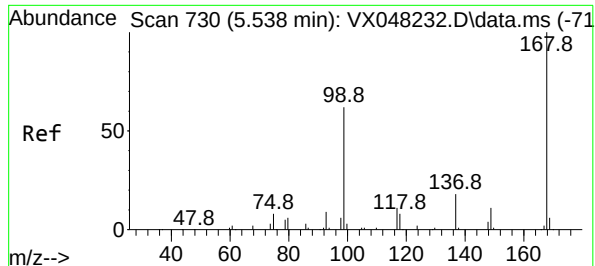
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

Quant Time: Oct 20 12:35:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 12:35:14 2025
Response via : Initial Calibration





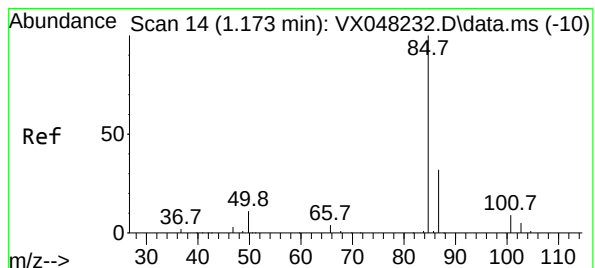
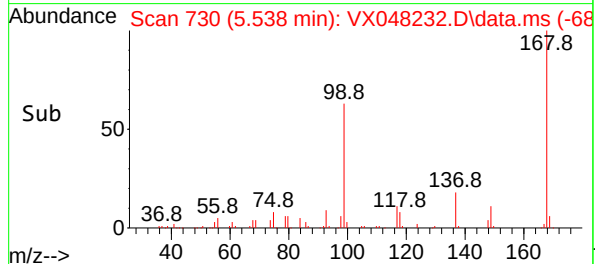
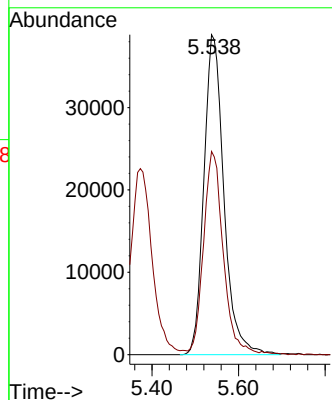
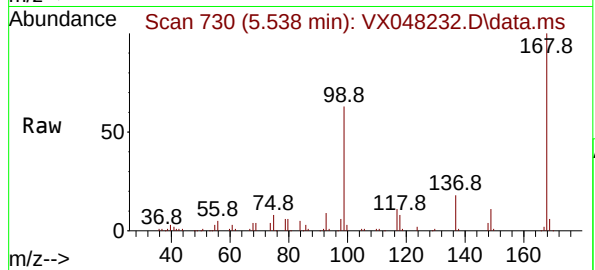
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:168 Resp: 12449
Ion Ratio Lower Upper
168 100
99 63.3 46.4 69.6

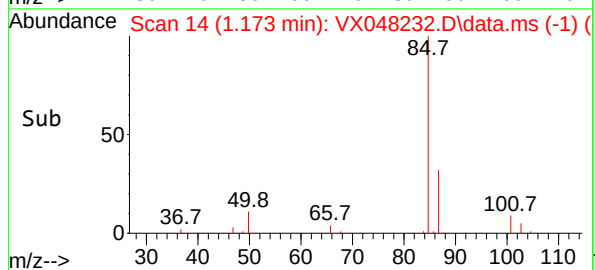
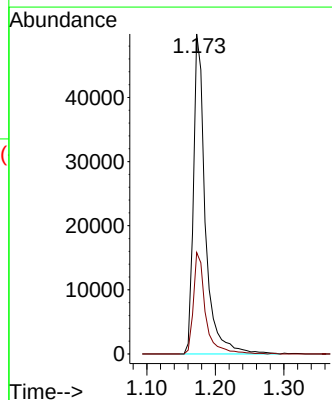
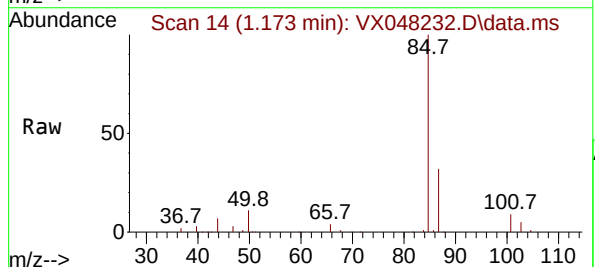
Manual Integrations
APPROVED

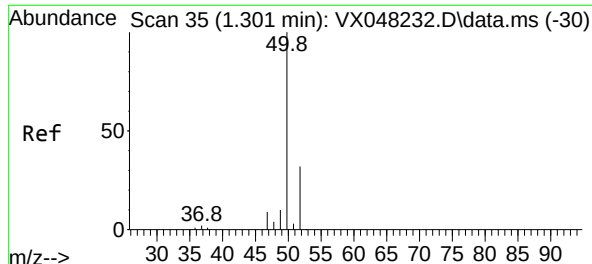
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#2
Dichlorodifluoromethane
Concen: 46.052 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 85 Resp: 60172
Ion Ratio Lower Upper
85 100
87 31.7 15.3 45.9





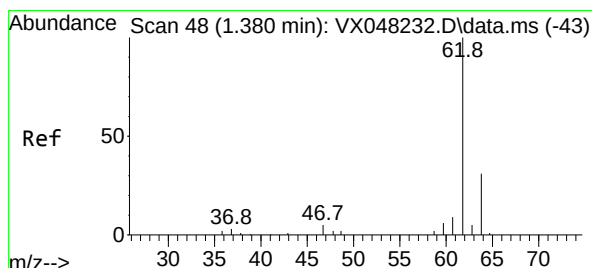
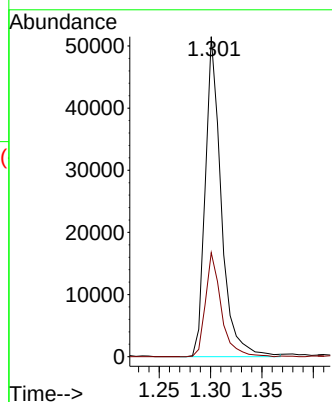
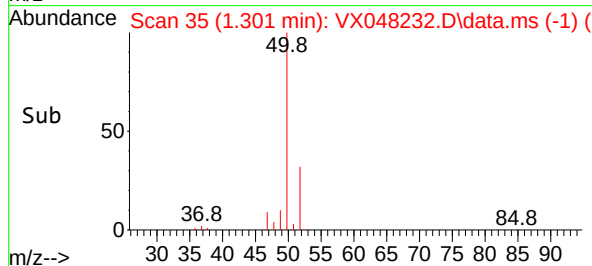
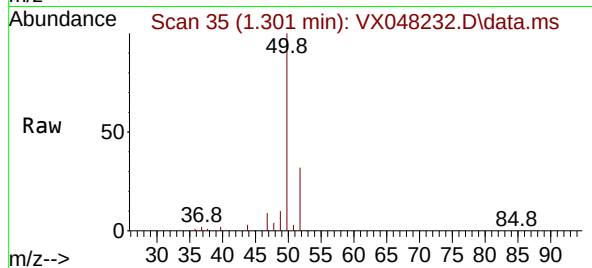
#3
Chloromethane
Concen: 35.336 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 50 Resp: 55934
Ion Ratio Lower Upper
50 100
52 32.5 25.9 38.9

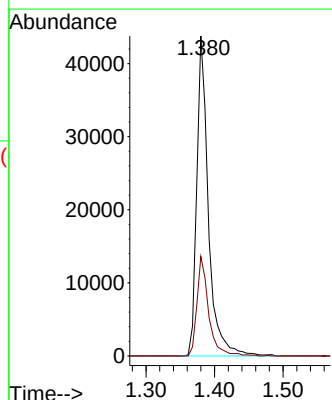
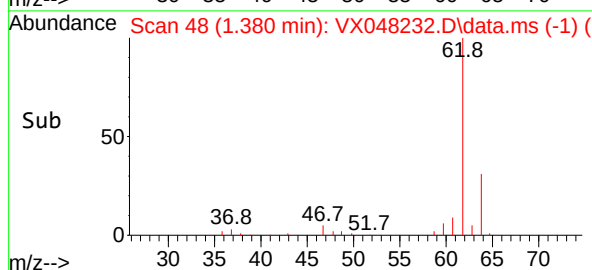
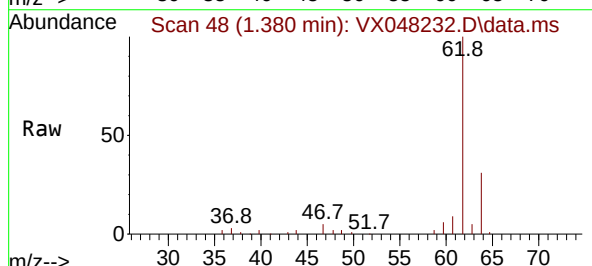
Manual Integrations
APPROVED

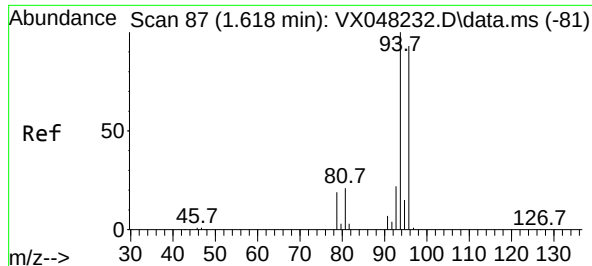
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#4
Vinyl Chloride
Concen: 31.067 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 62 Resp: 51819
Ion Ratio Lower Upper
62 100
64 31.1 25.1 37.7





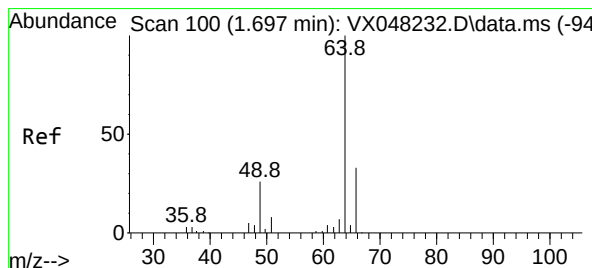
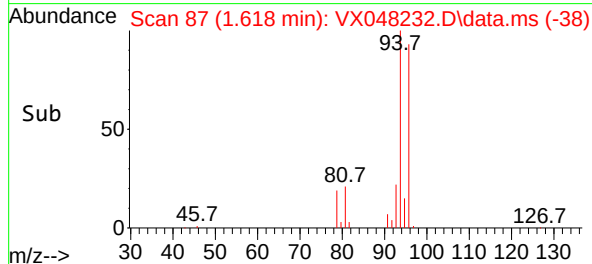
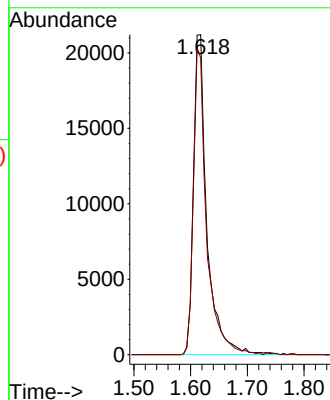
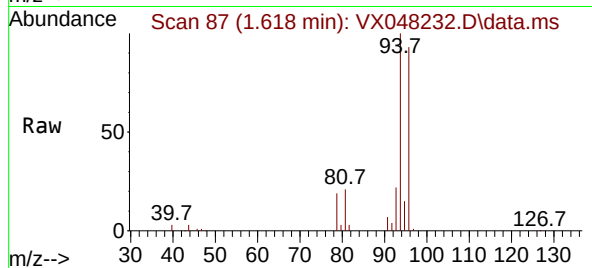
#5
Bromomethane
Concen: 31.646 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 94 Resp: 3510
Ion Ratio Lower Upper
94 100
96 92.7 76.0 114.0

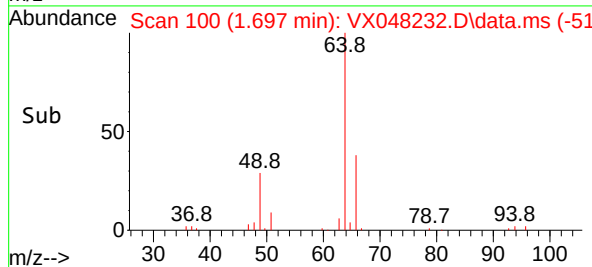
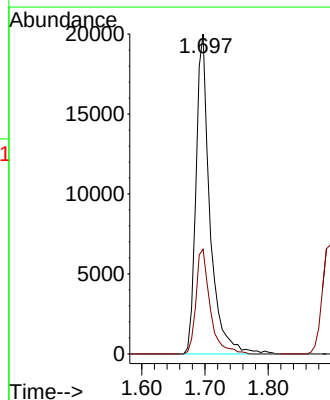
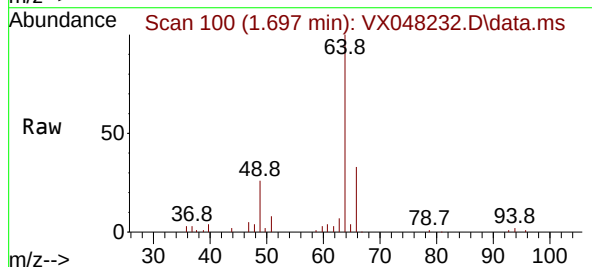
Manual Integrations
APPROVED

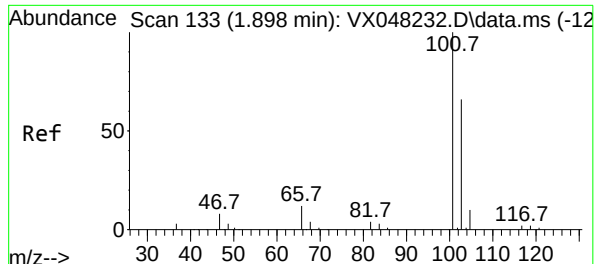
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#6
Chloroethane
Concen: 28.940 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

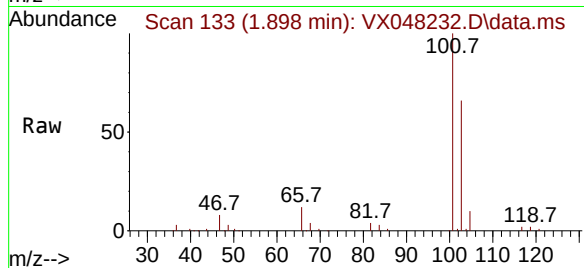
Tgt Ion: 64 Resp: 30718
Ion Ratio Lower Upper
64 100
66 32.7 23.9 35.9





#7
Trichlorofluoromethane
Concen: 38.358 ug/l
RT: 1.898 min Scan# 133
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

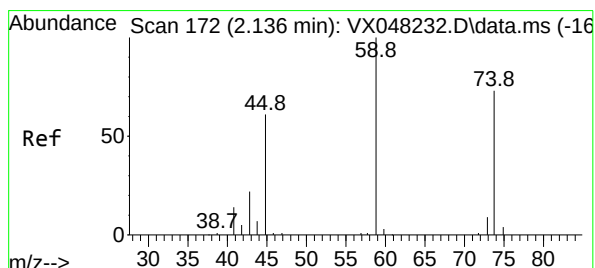
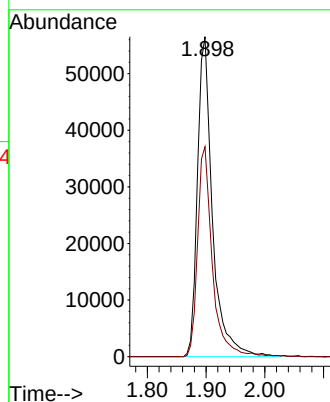
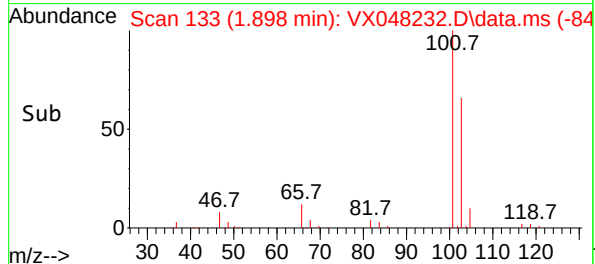
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:101 Resp: 10042
Ion Ratio Lower Upper
101 100
103 65.6 51.6 77.4

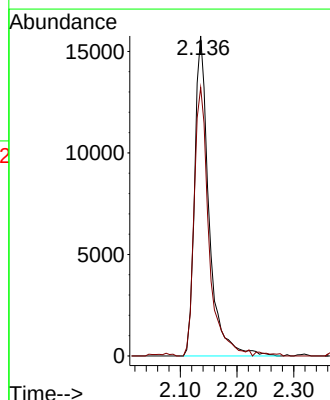
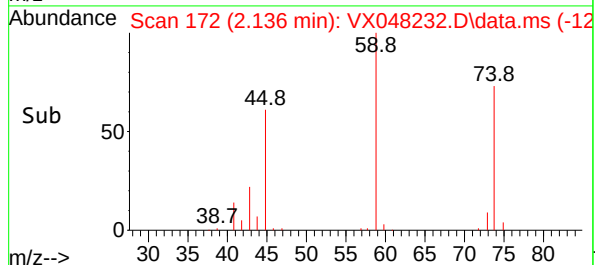
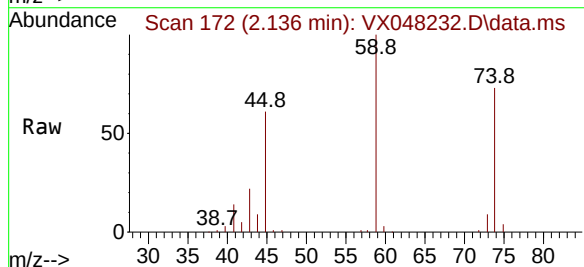
Manual Integrations
APPROVED

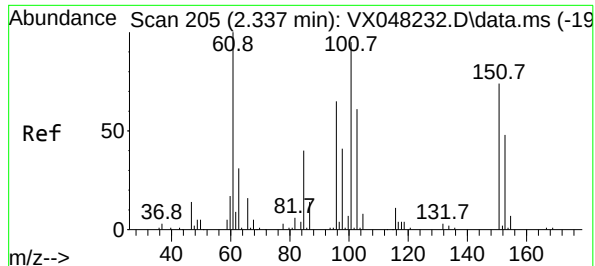
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#8
Diethyl Ether
Concen: 31.044 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 74 Resp: 27723
Ion Ratio Lower Upper
74 100
45 86.5 50.0 149.8





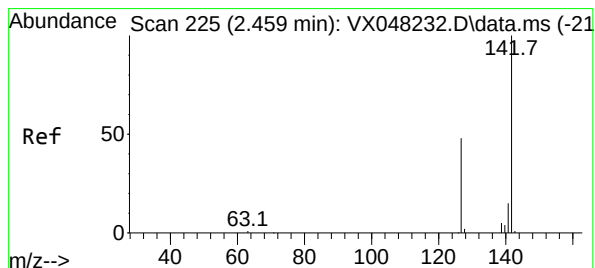
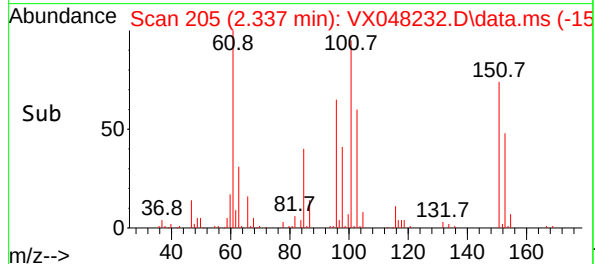
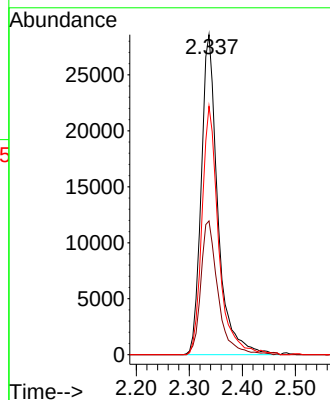
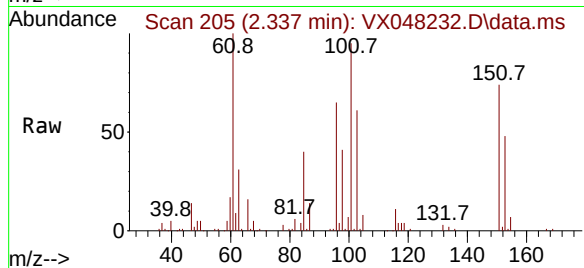
#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.290 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 6239
Ion Ratio Lower Upper
101 100
85 43.2 35.6 53.4
151 77.9 58.0 87.0

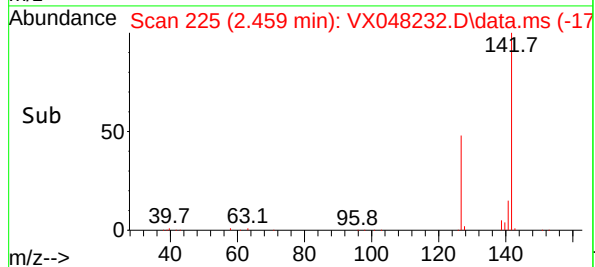
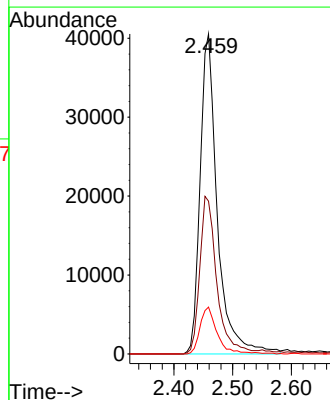
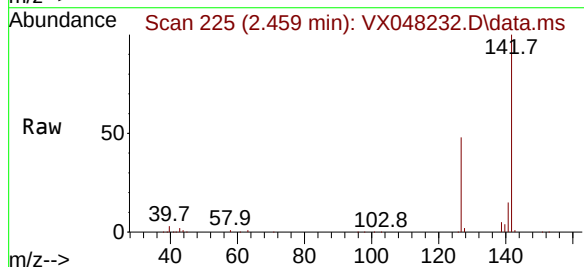
Manual Integrations
APPROVED

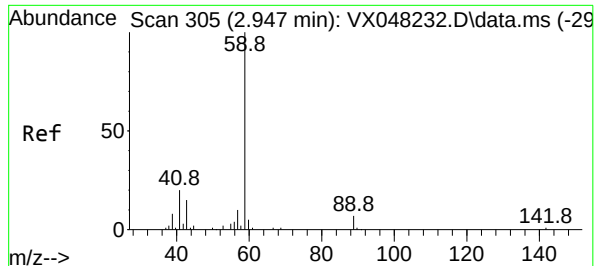
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#10
Methyl Iodide
Concen: 46.716 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:142 Resp: 82552
Ion Ratio Lower Upper
142 100
127 48.9 38.5 57.7
141 14.7 11.6 17.4





#11

Tert butyl alcohol

Concen: 301.123 ug/l

RT: 2.947 min Scan# 305

Delta R.T. 0.006 min

Lab File: VX048232.D

Acq: 20 Oct 2025 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 59 Resp: 38534

Ion Ratio Lower Upper

59 100

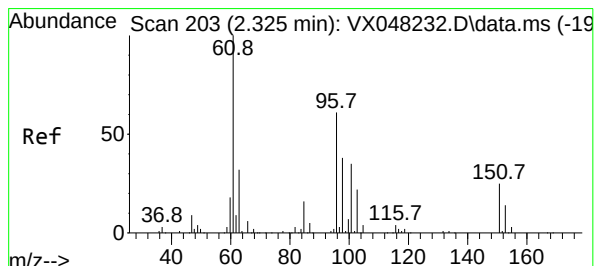
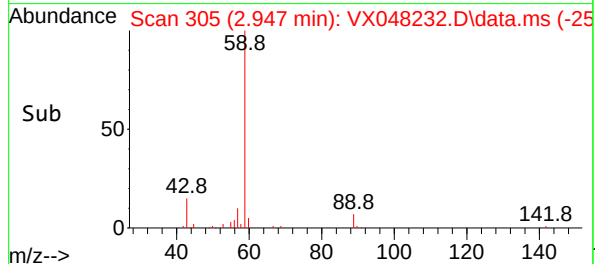
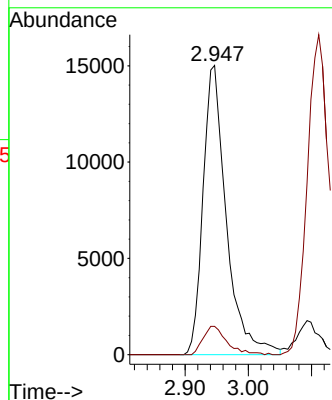
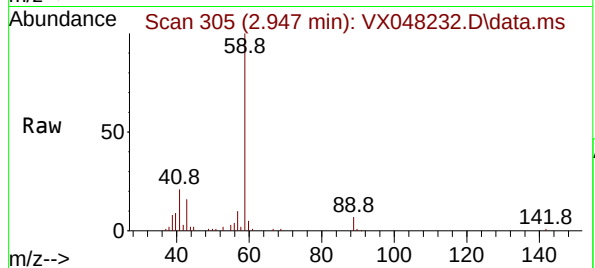
57 10.1 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#12

1,1-Dichloroethene

Concen: 41.821 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.000 min

Lab File: VX048232.D

Acq: 20 Oct 2025 12:01

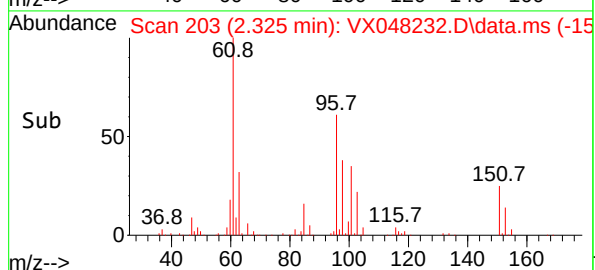
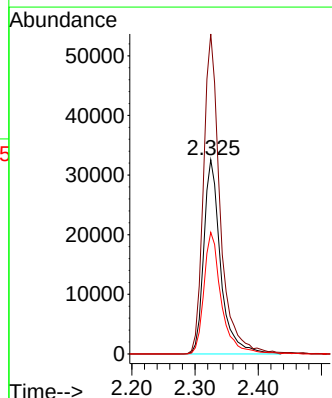
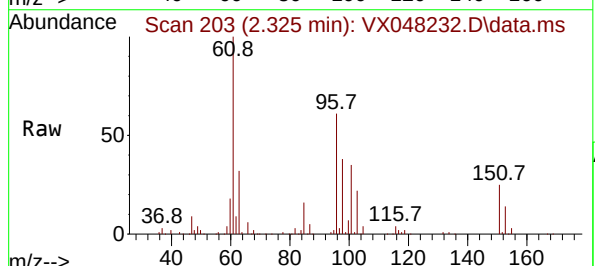
Tgt Ion: 96 Resp: 60330

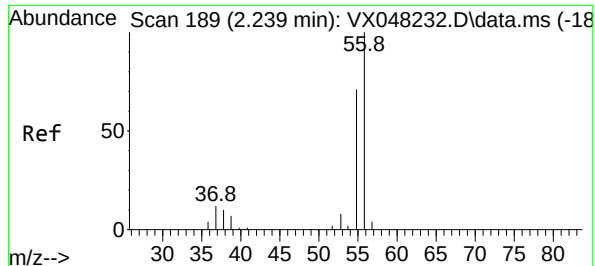
Ion Ratio Lower Upper

96 100

61 164.7 139.0 208.6

98 62.6 52.4 78.6





#13

Acrolein

Concen: 150.726 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.006 min

Lab File: VX048232.D

Acq: 20 Oct 2025 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 56 Resp: 40530

Ion Ratio Lower Upper

56 100

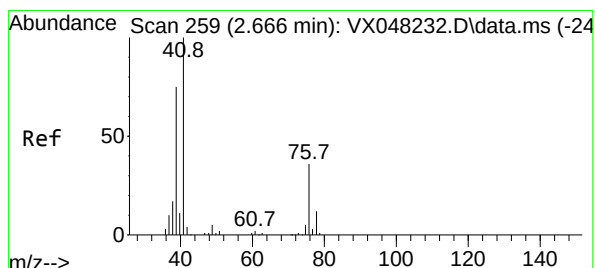
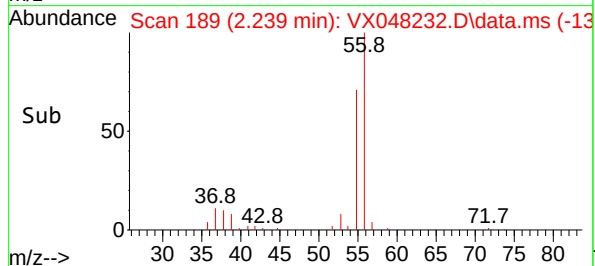
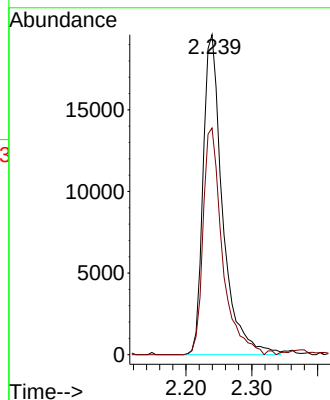
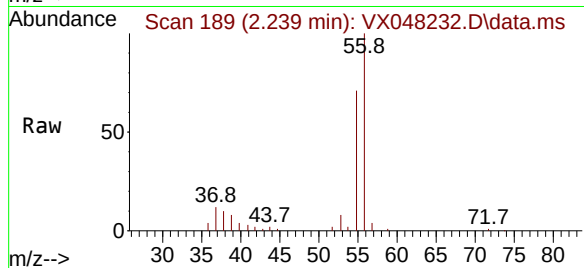
55 69.8 56.1 84.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#14

Allyl chloride

Concen: 38.627 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX048232.D

Acq: 20 Oct 2025 12:01

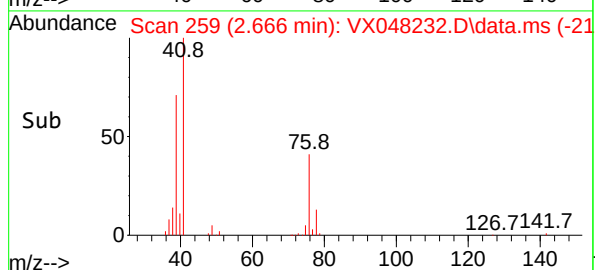
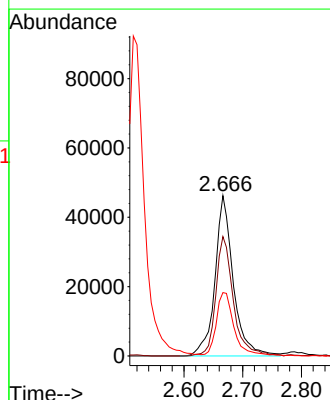
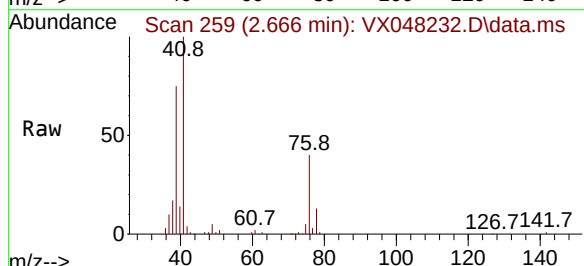
Tgt Ion: 41 Resp: 100234

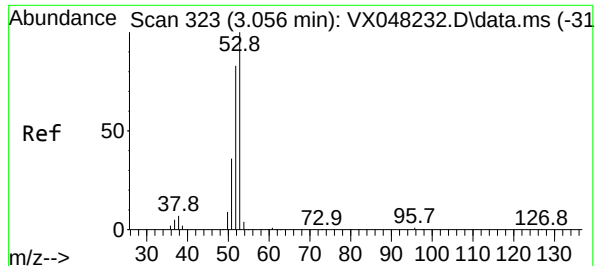
Ion Ratio Lower Upper

41 100

39 71.0 56.0 84.0

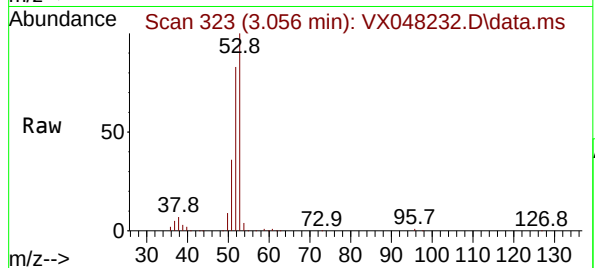
76 38.6 27.5 41.3





#15
Acrylonitrile
Concen: 243.004 ug/l
RT: 3.056 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

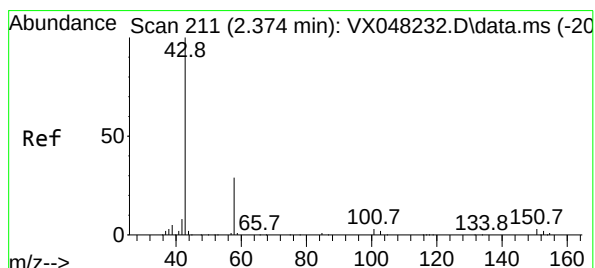
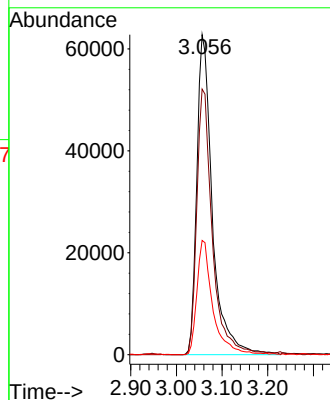
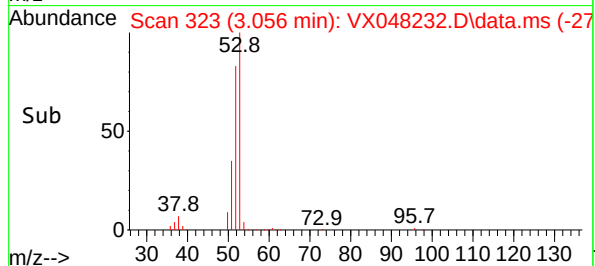
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 149009
Ion Ratio Lower Upper
53 100
52 82.9 66.1 99.1
51 36.6 29.0 43.4

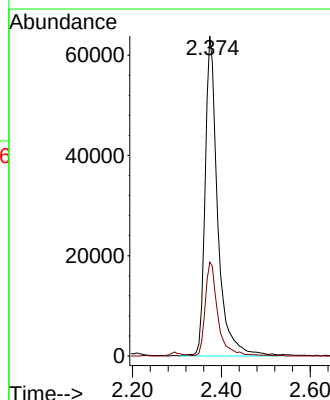
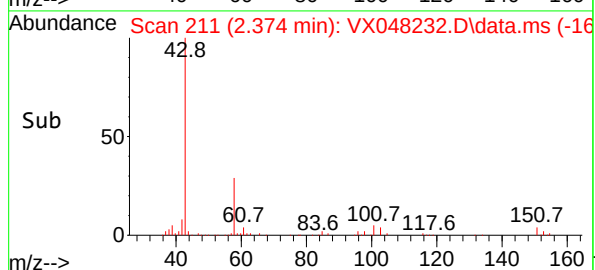
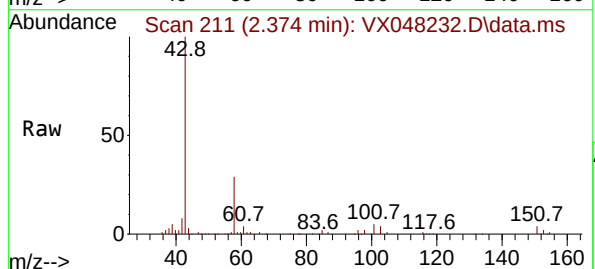
Manual Integrations
APPROVED

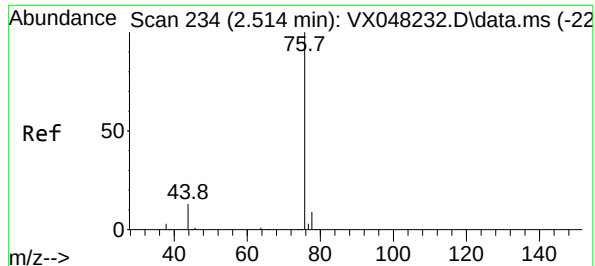
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#16
Acetone
Concen: 191.520 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 43 Resp: 126003
Ion Ratio Lower Upper
43 100
58 29.2 23.4 35.2





#17

Carbon Disulfide

Concen: 40.440 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX048232.D

Acq: 20 Oct 2025 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 179492

Ion Ratio Lower Upper

76 100

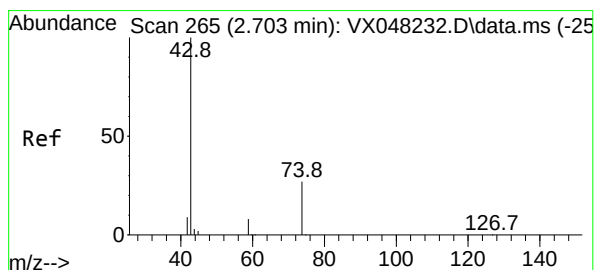
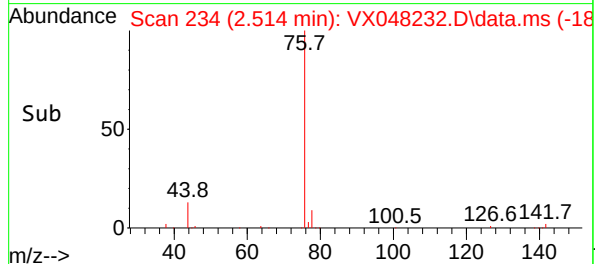
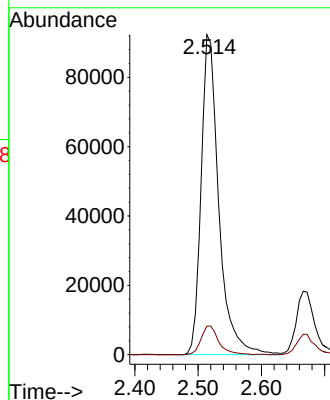
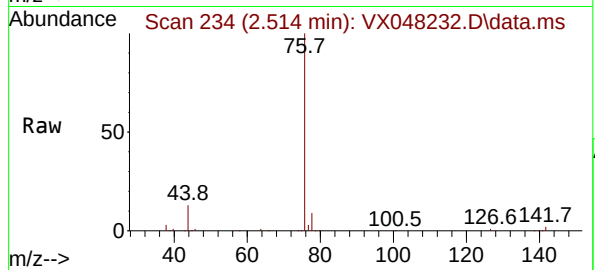
78 9.1 7.1 10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#18

Methyl Acetate

Concen: 43.336 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.006 min

Lab File: VX048232.D

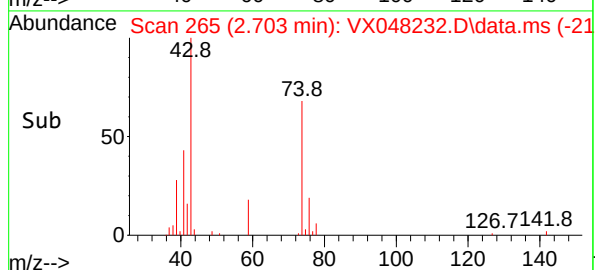
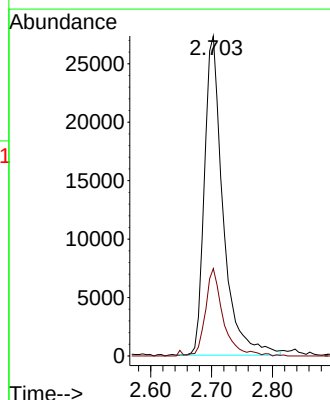
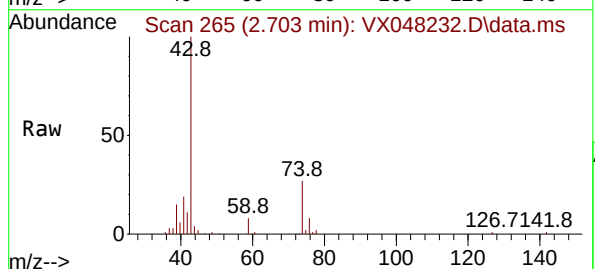
Acq: 20 Oct 2025 12:01

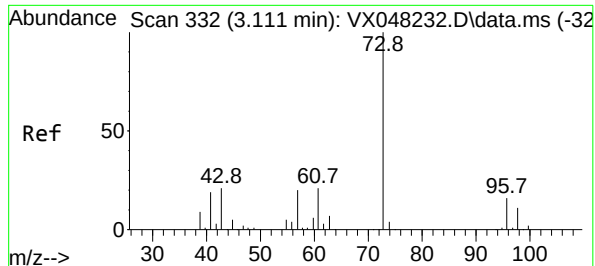
Tgt Ion: 43 Resp: 58071

Ion Ratio Lower Upper

43 100

74 26.0 17.5 26.3





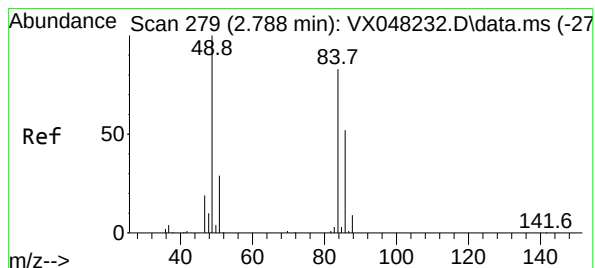
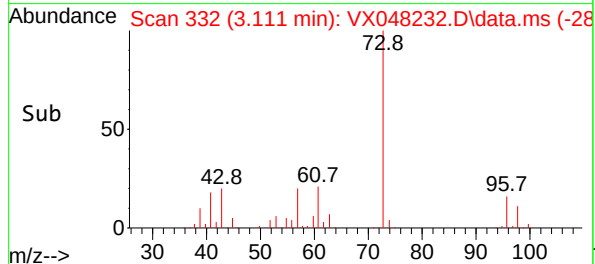
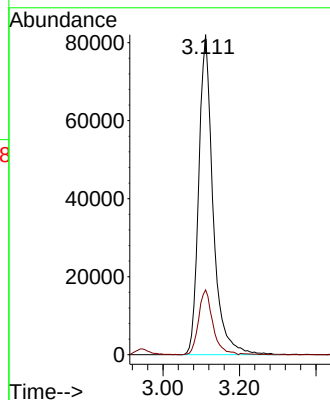
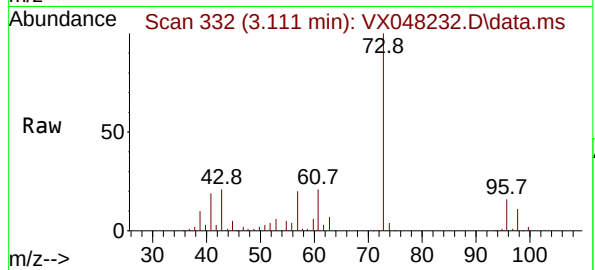
#19
Methyl tert-butyl Ether
Concen: 48.809 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 212092
Ion Ratio Lower Upper
73 100
57 20.3 17.7 26.5

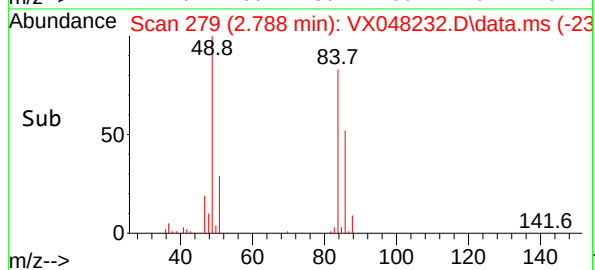
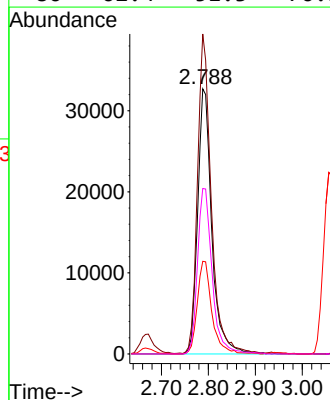
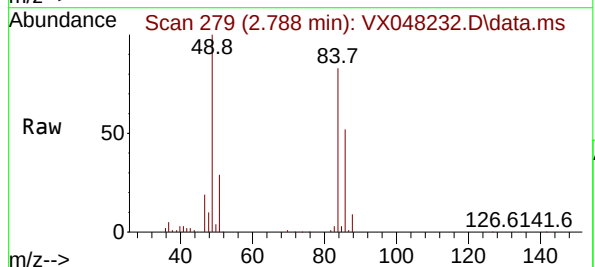
Manual Integrations
APPROVED

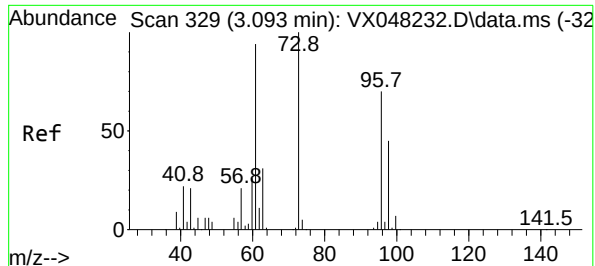
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#20
Methylene Chloride
Concen: 42.841 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 84 Resp: 68663
Ion Ratio Lower Upper
84 100
49 120.4 104.1 156.1
51 35.0 31.3 46.9
86 62.4 51.3 76.9





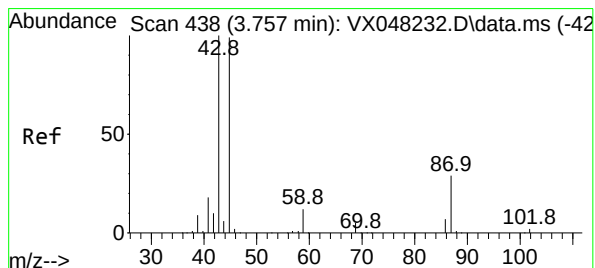
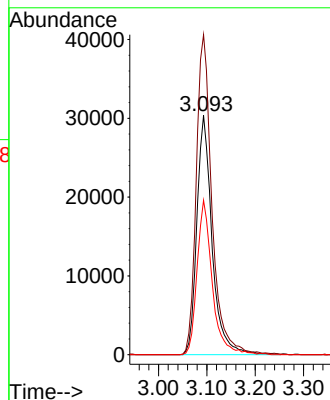
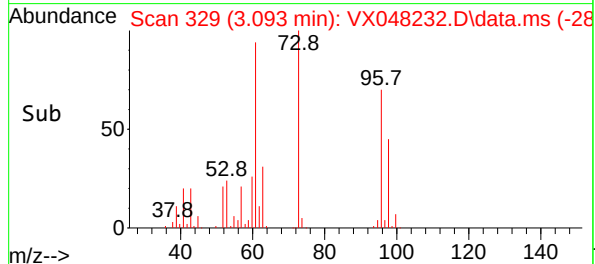
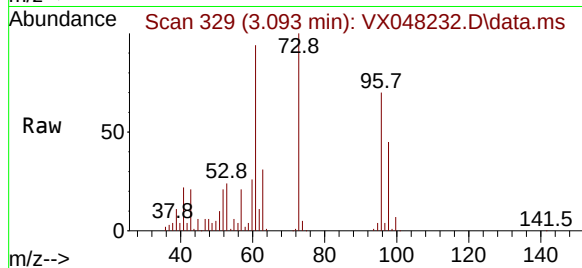
#21
trans-1,2-Dichloroethene
Concen: 44.631 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 66608
Ion Ratio Lower Upper
96 100
61 133.8 111.9 167.9
98 64.5 51.2 76.8

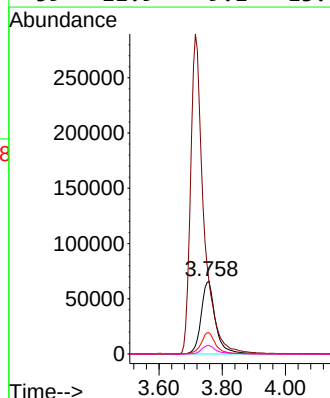
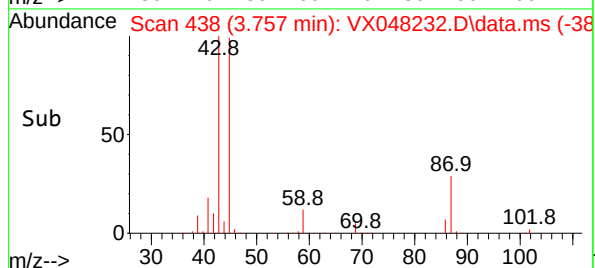
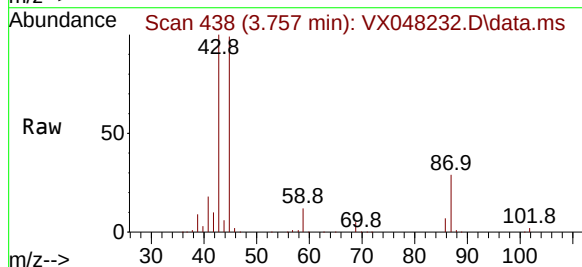
Manual Integrations
APPROVED

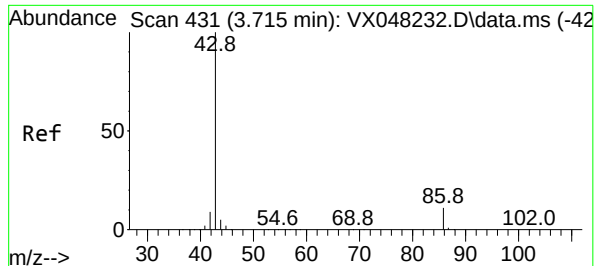
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#22
Diisopropyl ether
Concen: 40.720 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 45 Resp: 206901
Ion Ratio Lower Upper
45 100
43 101.1 89.8 134.8
87 29.3 20.6 31.0
59 11.9 9.1 13.7





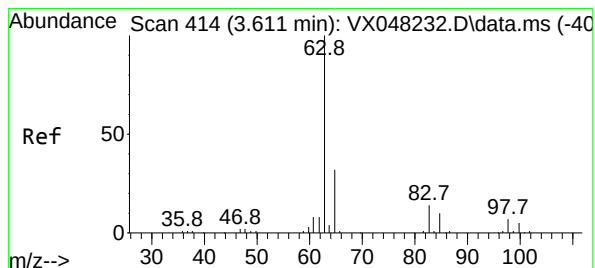
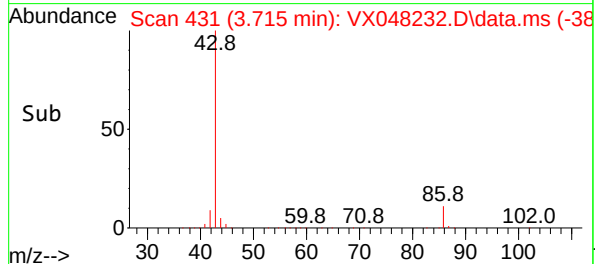
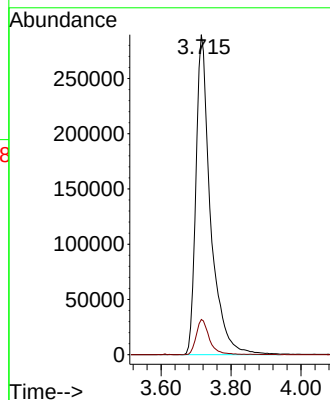
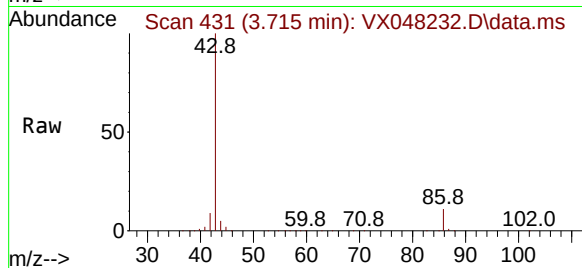
#23
Vinyl Acetate
Concen: 220.927 ug/l
RT: 3.715 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 839370
Ion Ratio Lower Upper
43 100
86 11.0 7.9 11.9

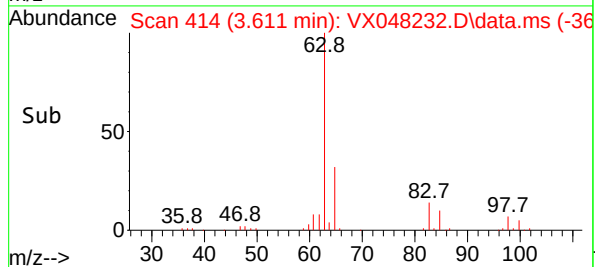
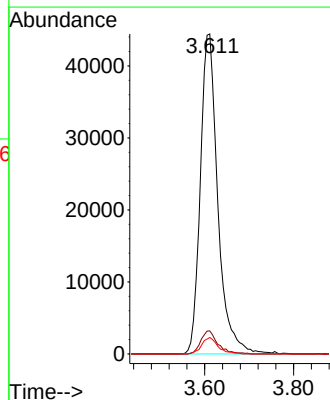
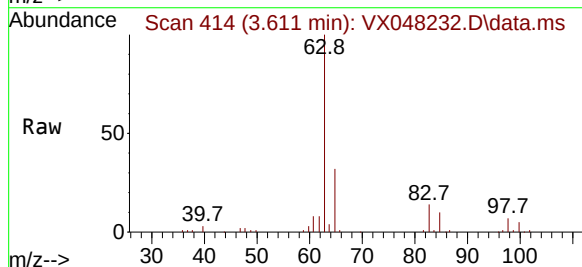
Manual Integrations
APPROVED

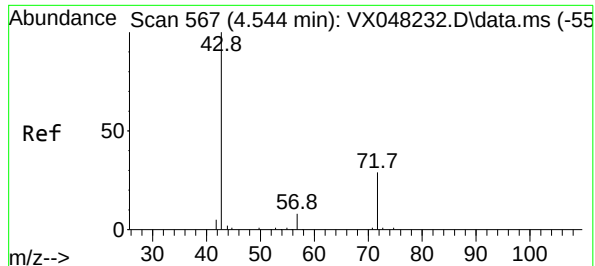
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#24
1,1-Dichloroethane
Concen: 42.204 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 63 Resp: 121657
Ion Ratio Lower Upper
63 100
98 7.2 3.5 10.6
100 5.1 2.1 6.3





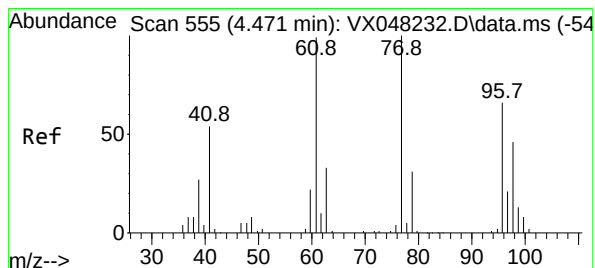
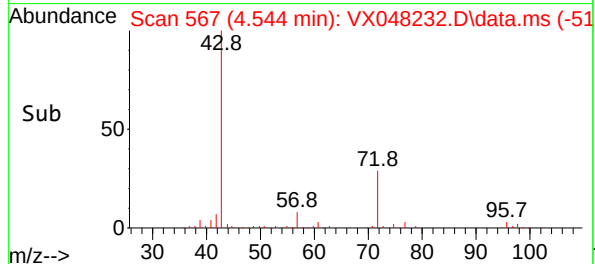
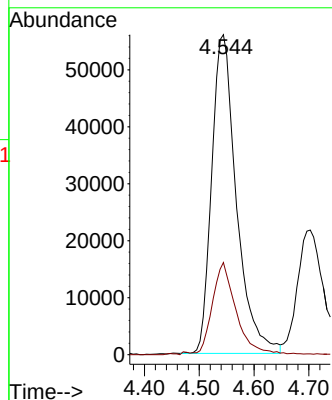
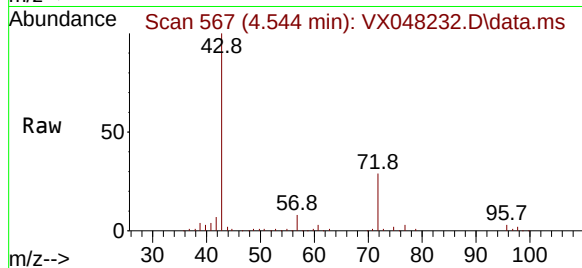
#25
2-Butanone
Concen: 228.411 ug/l
RT: 4.544 min Scan# 567
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 175075
Ion Ratio Lower Upper
43 100
72 28.6 19.9 29.9

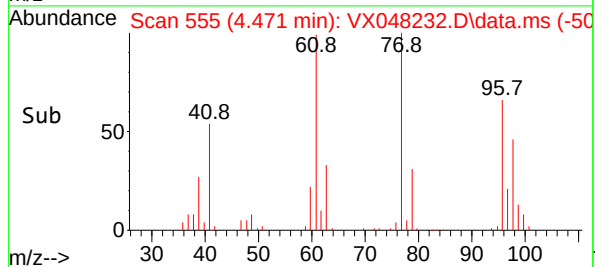
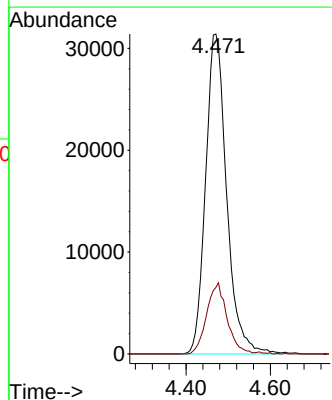
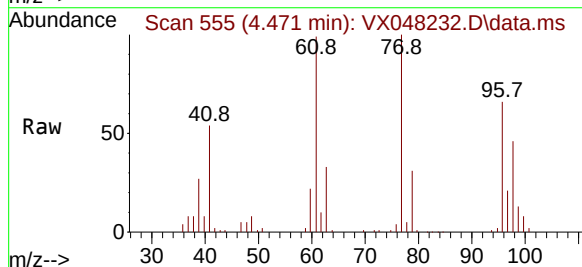
Manual Integrations
APPROVED

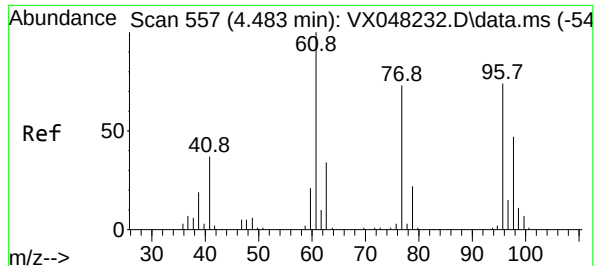
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#26
2,2-Dichloropropane
Concen: 44.264 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 77 Resp: 109062
Ion Ratio Lower Upper
77 100
97 21.5 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 43.988 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX048232.D

Acq: 20 Oct 2025 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 96 Resp: 7791

Ion Ratio Lower Upper

96 100

61 144.4 0.0 294.2

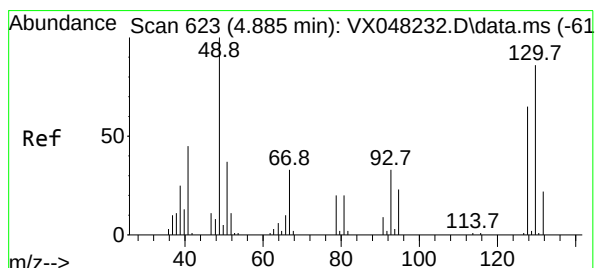
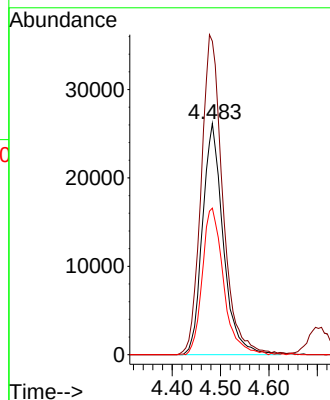
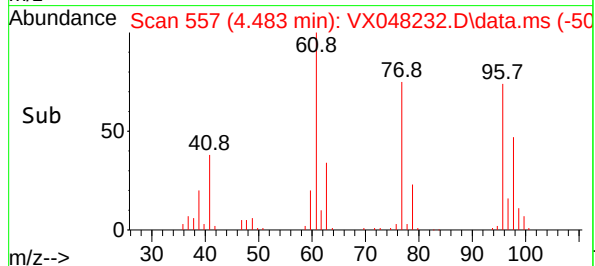
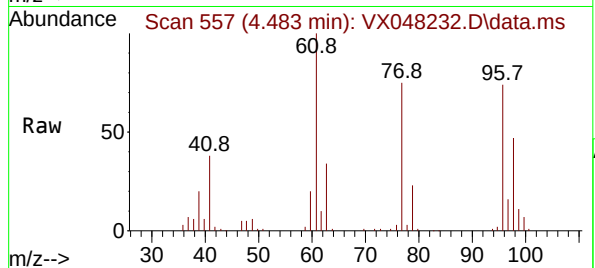
98 64.9 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#28

Bromochloromethane

Concen: 41.331 ug/l

RT: 4.885 min Scan# 623

Delta R.T. 0.000 min

Lab File: VX048232.D

Acq: 20 Oct 2025 12:01

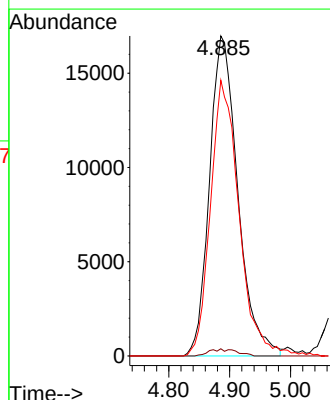
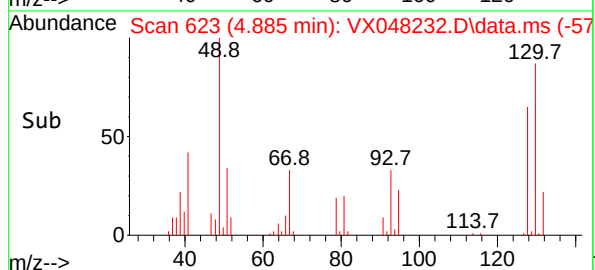
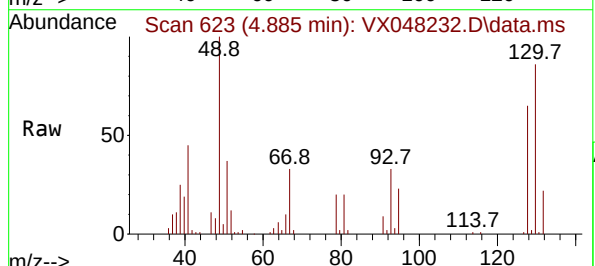
Tgt Ion: 49 Resp: 54919

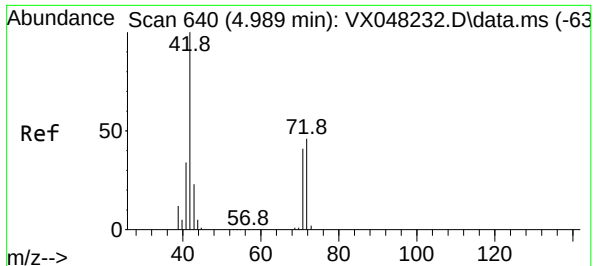
Ion Ratio Lower Upper

49 100

129 0.8 0.0 4.4

130 86.9 59.3 88.9





#29

Tetrahydrofuran

Concen: 236.335 ug/l

RT: 4.989 min Scan# 640

Delta R.T. 0.000 min

Lab File: VX048232.D

Acq: 20 Oct 2025 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 10638

Ion Ratio Lower Upper

42 100

72 49.2 35.3 52.9

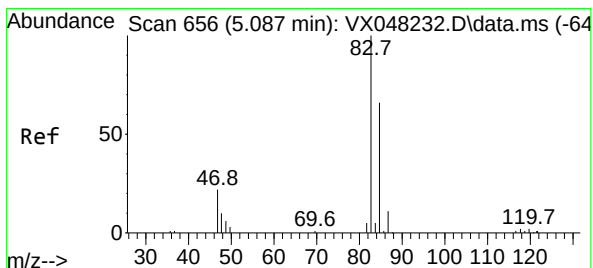
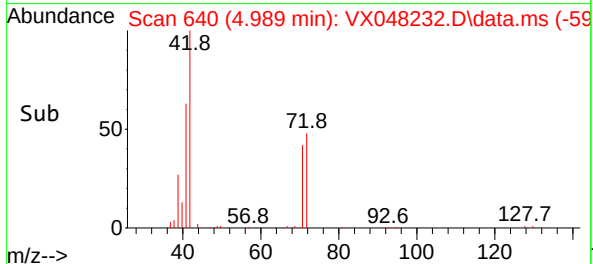
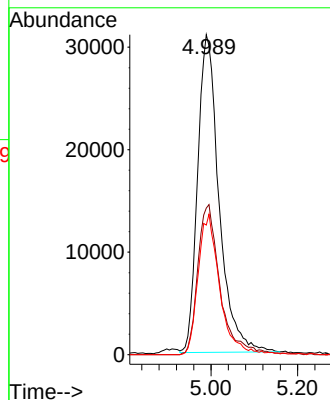
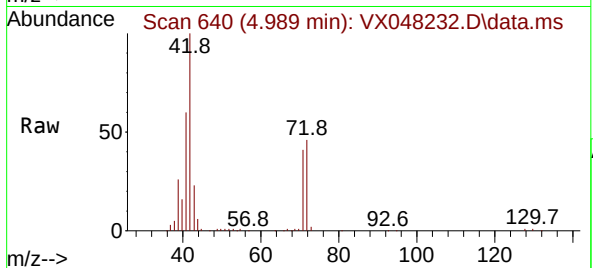
71 44.3 32.2 48.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#30

Chloroform

Concen: 42.925 ug/l

RT: 5.087 min Scan# 656

Delta R.T. 0.006 min

Lab File: VX048232.D

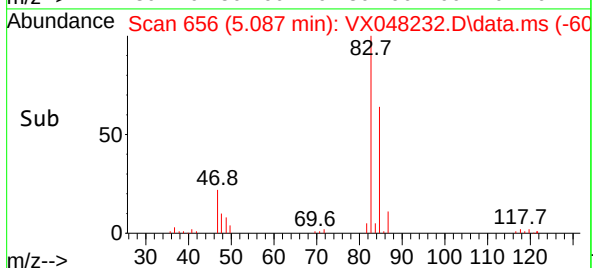
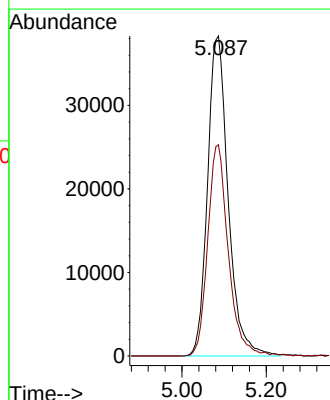
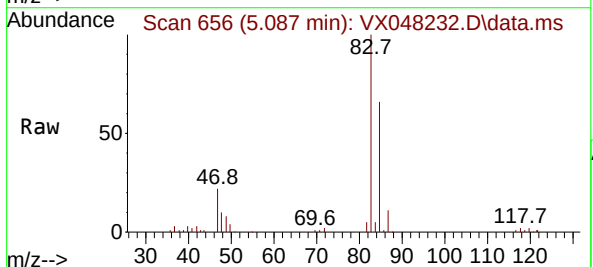
Acq: 20 Oct 2025 12:01

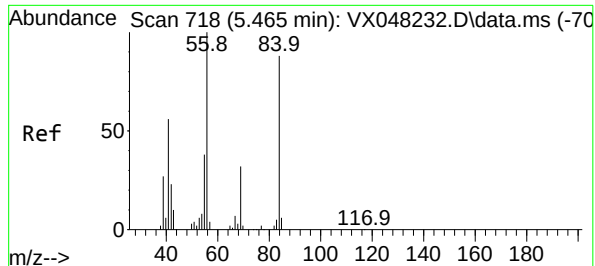
Tgt Ion: 83 Resp: 130274

Ion Ratio Lower Upper

83 100

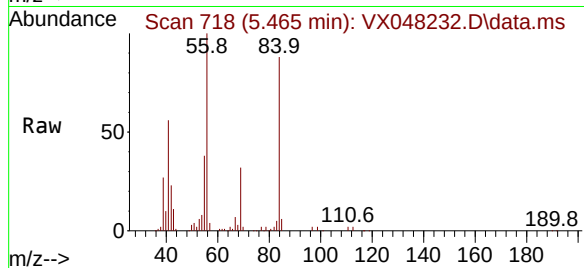
85 66.0 50.1 75.1





#31
Cyclohexane
Concen: 43.351 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

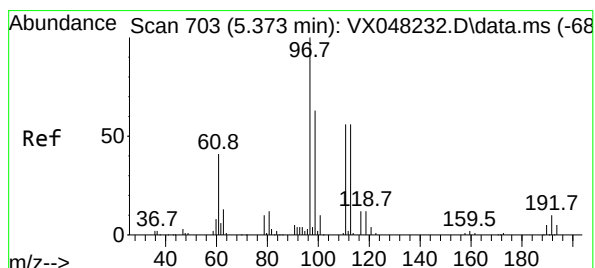
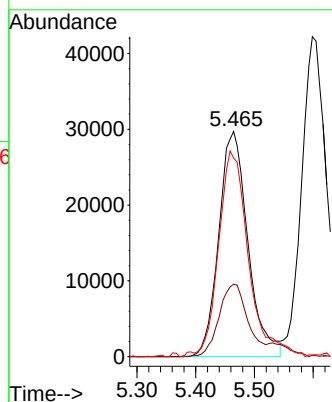
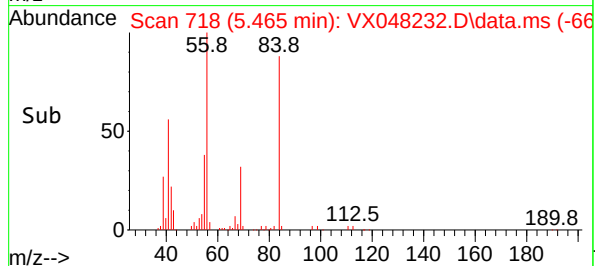
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 10225
Ion Ratio Lower Upper
56 100
69 32.2 23.0 34.6
84 87.9 64.6 97.0

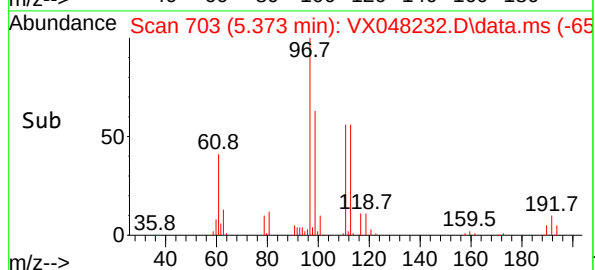
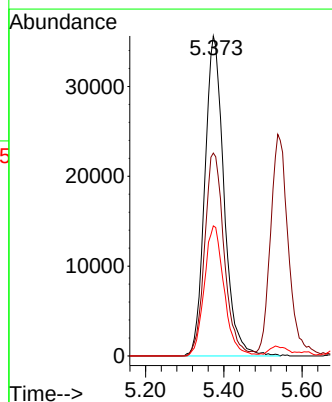
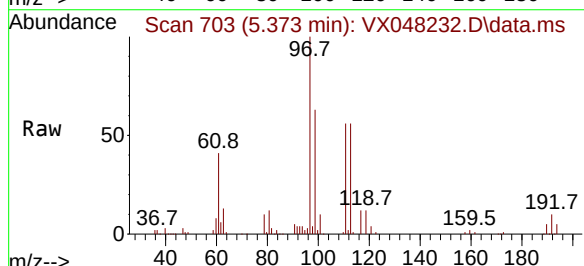
Manual Integrations
APPROVED

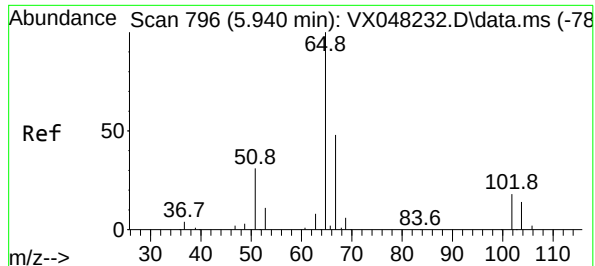
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#32
1,1,1-Trichloroethane
Concen: 48.560 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 97 Resp: 121090
Ion Ratio Lower Upper
97 100
99 64.5 51.7 77.5
61 41.8 34.8 52.2





#33

1,2-Dichloroethane-d4

Concen: 44.048 ug/l

RT: 5.940 min Scan# 796

Delta R.T. 0.000 min

Lab File: VX048232.D

Acq: 20 Oct 2025 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 8495

Ion Ratio Lower Upper

65 100

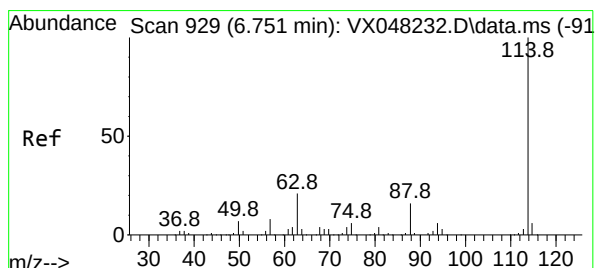
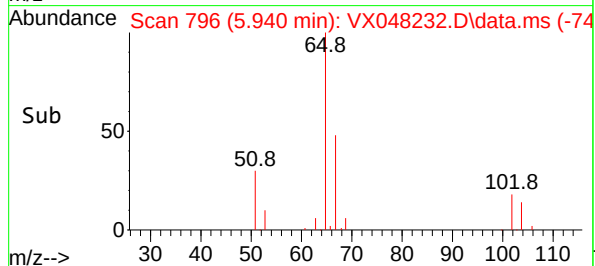
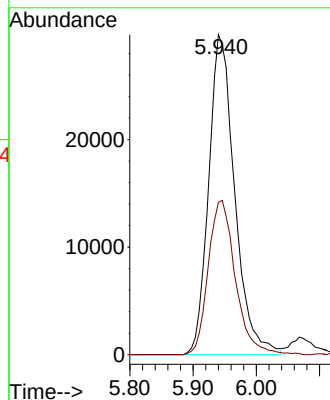
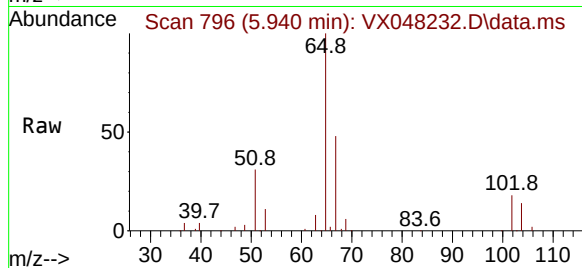
67 50.4 0.0 105.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX048232.D

Acq: 20 Oct 2025 12:01

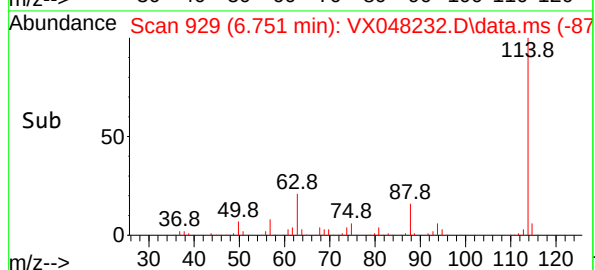
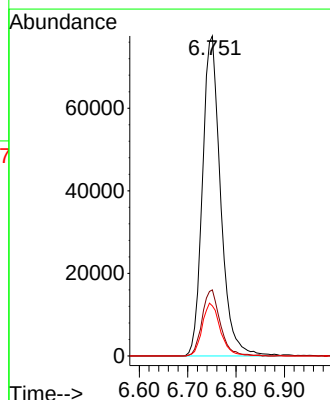
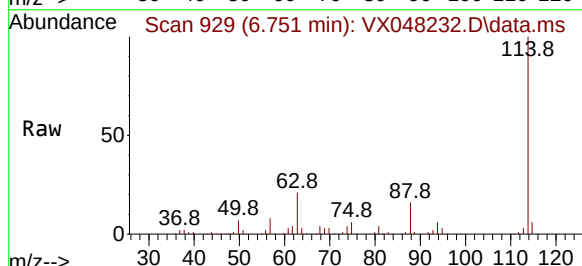
Tgt Ion:114 Resp: 201906

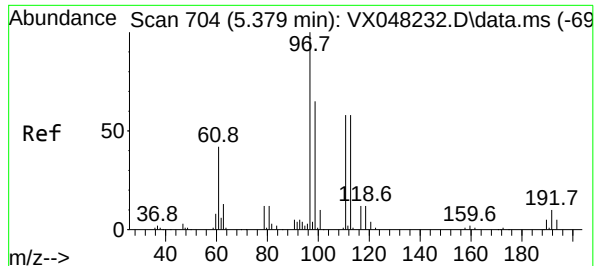
Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.2

88 15.7 0.0 33.6





#35

Dibromofluoromethane

Concen: 47.523 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX048232.D

Acq: 20 Oct 2025 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

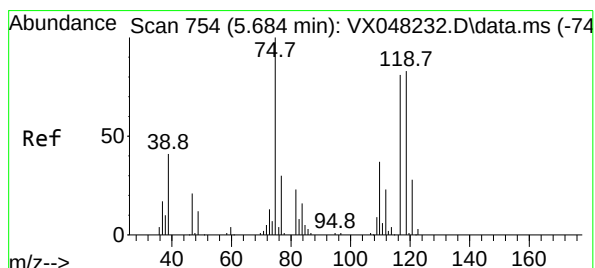
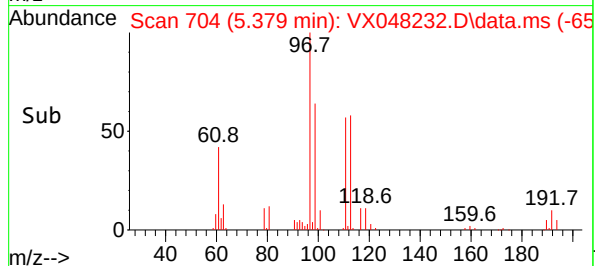
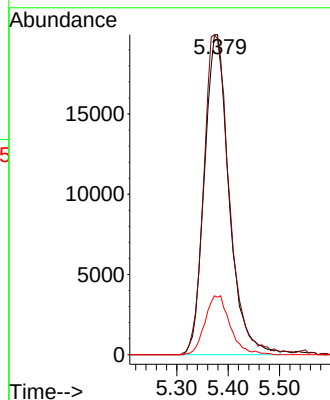
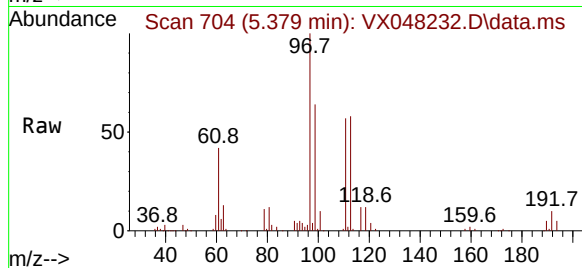
Tgt Ion:	113	Resp:	6659
Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.2	123.4
192	18.7	15.1	22.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#36

1,1-Dichloropropene

Concen: 44.323 ug/l

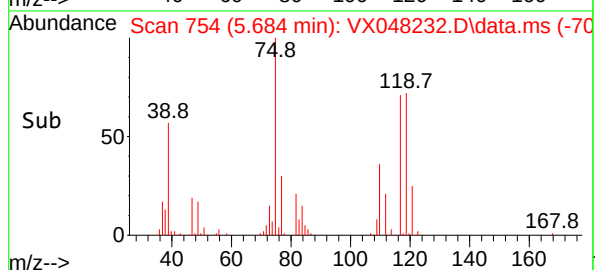
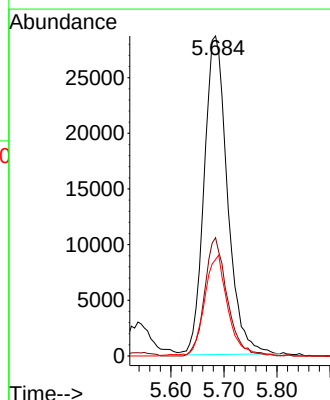
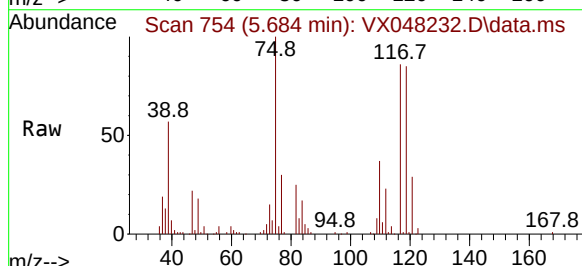
RT: 5.684 min Scan# 754

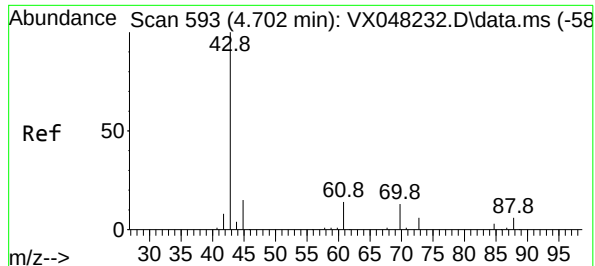
Delta R.T. 0.000 min

Lab File: VX048232.D

Acq: 20 Oct 2025 12:01

Tgt Ion:	75	Resp:	87493
Ion	Ratio	Lower	Upper
75	100		
110	35.9	17.7	53.1
77	31.7	24.3	36.5





#37

Ethyl Acetate

Concen: 47.073 ug/l

RT: 4.702 min Scan# 593

Delta R.T. 0.006 min

Lab File: VX048232.D

Acq: 20 Oct 2025 12:01

Instrument :

MSVOA_X

ClientSampleId :

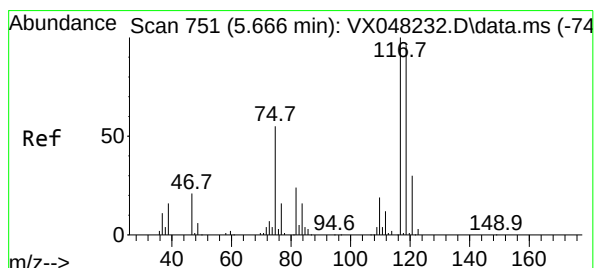
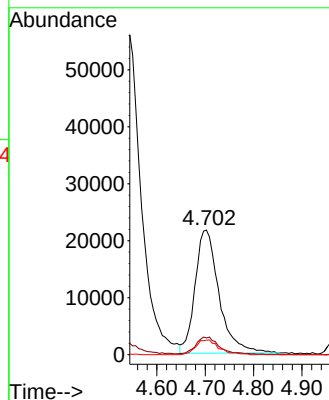
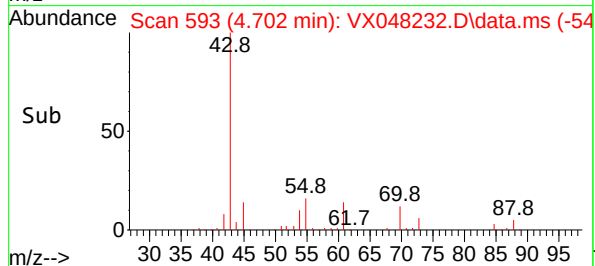
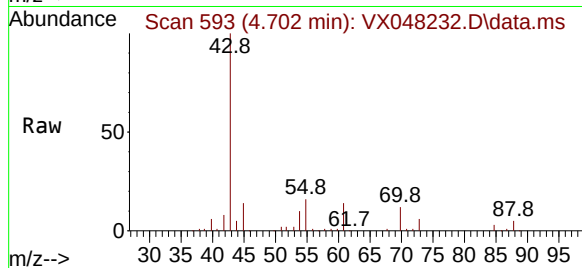
VSTDICCC050

Tgt Ion:	43	Resp:	7426
Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.6	15.8
70	11.6	7.8	11.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#38

Carbon Tetrachloride

Concen: 49.302 ug/l

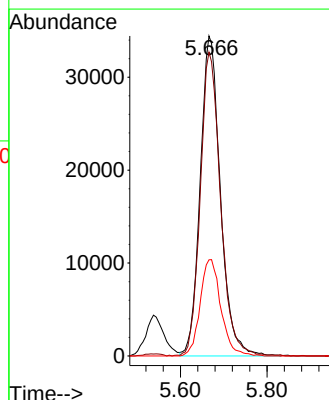
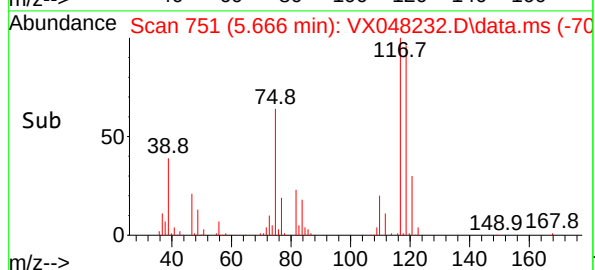
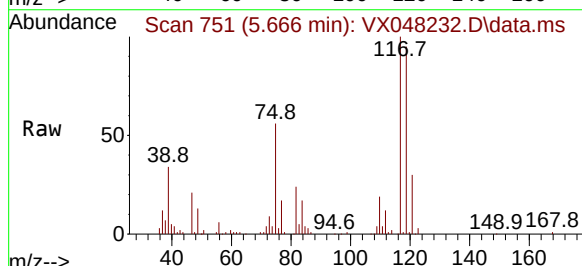
RT: 5.666 min Scan# 751

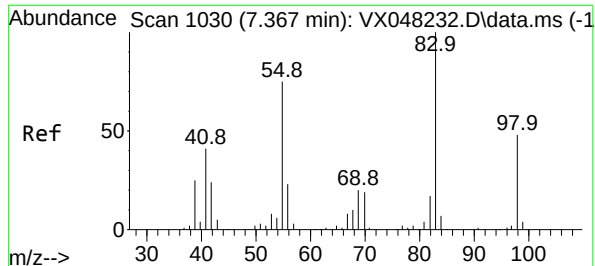
Delta R.T. 0.000 min

Lab File: VX048232.D

Acq: 20 Oct 2025 12:01

Tgt Ion:	117	Resp:	111708
Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.2	115.8
121	30.1	24.8	37.2





#39

Methylcyclohexane

Concen: 49.008 ug/l

RT: 7.367 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VX048232.D

Acq: 20 Oct 2025 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 10907

Ion Ratio Lower Upper

83 100

55 74.8 66.2 99.2

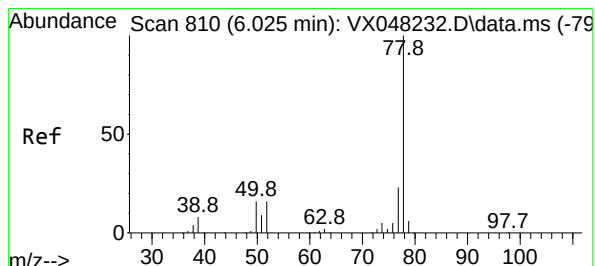
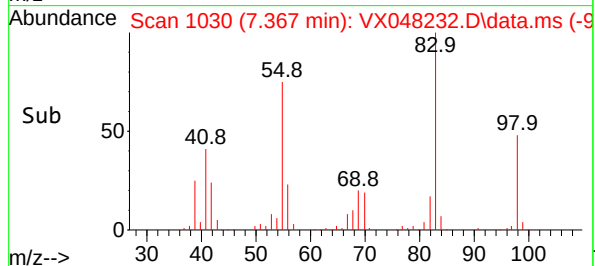
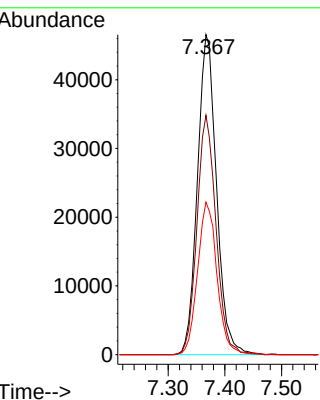
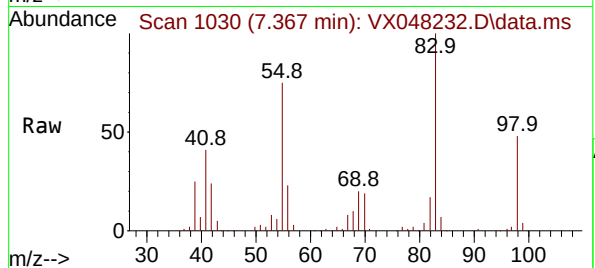
98 47.6 38.9 58.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#40

Benzene

Concen: 44.825 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX048232.D

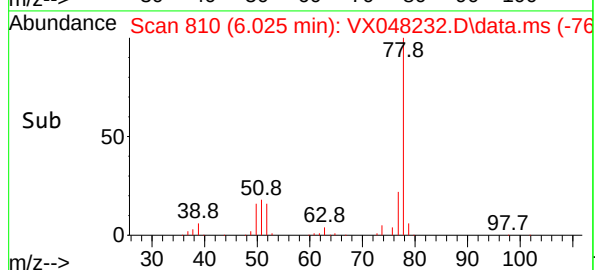
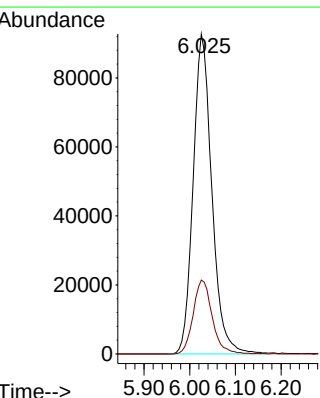
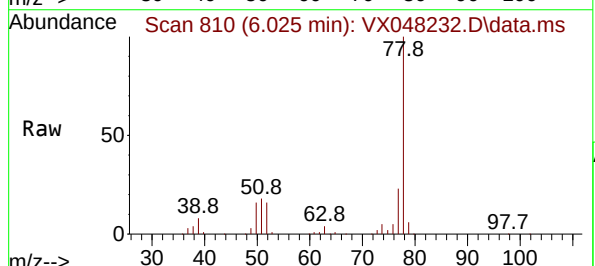
Acq: 20 Oct 2025 12:01

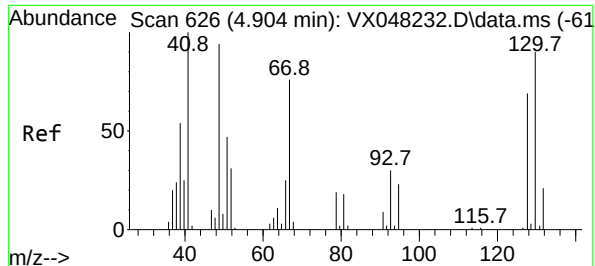
Tgt Ion: 78 Resp: 262745

Ion Ratio Lower Upper

78 100

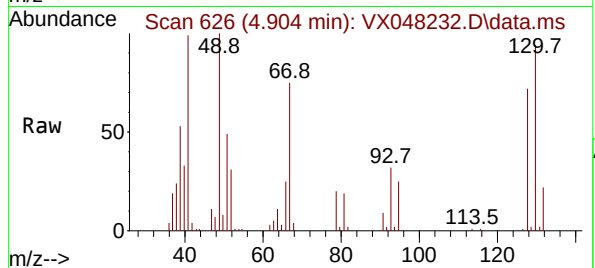
77 23.1 19.3 28.9





#41
Methacrylonitrile
Concen: 48.874 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

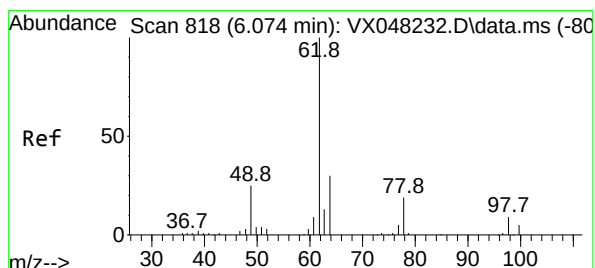
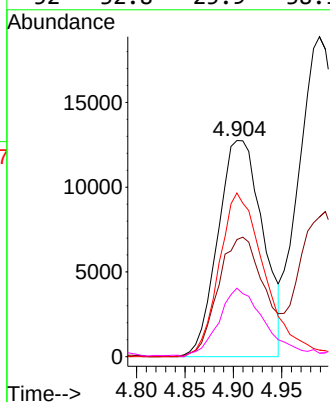
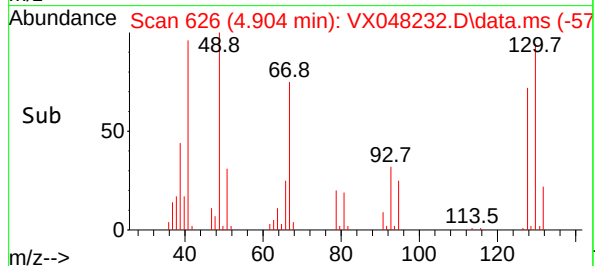
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 4129
Ion Ratio Lower Upper
41 100
39 56.1 44.0 66.0
67 78.6 58.7 88.1
52 32.8 25.9 38.9

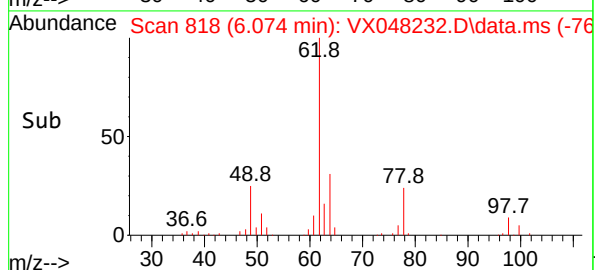
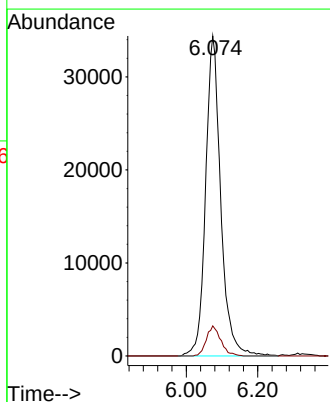
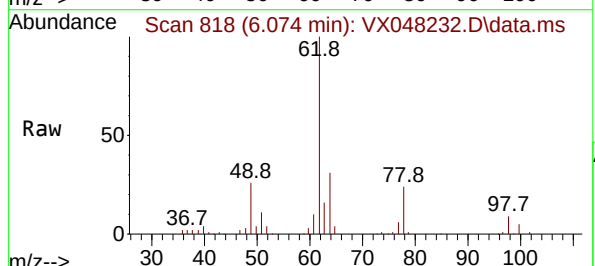
Manual Integrations
APPROVED

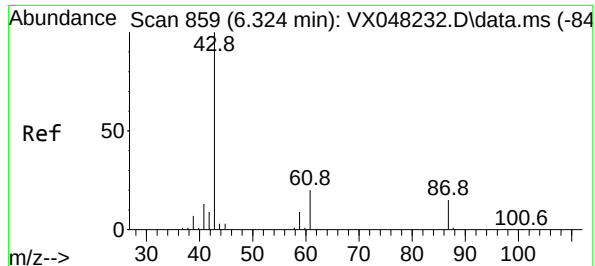
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#42
1,2-Dichloroethane
Concen: 48.064 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

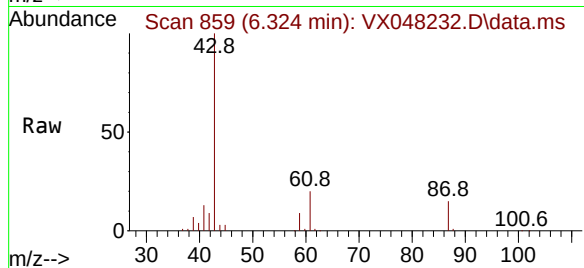
Tgt Ion: 62 Resp: 100937
Ion Ratio Lower Upper
62 100
98 9.0 0.0 17.2





#43
Isopropyl Acetate
Concen: 48.444 ug/l
RT: 6.324 min Scan# 859
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

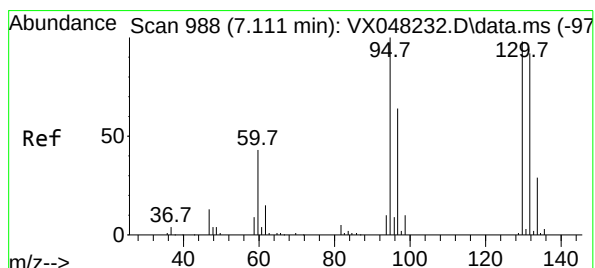
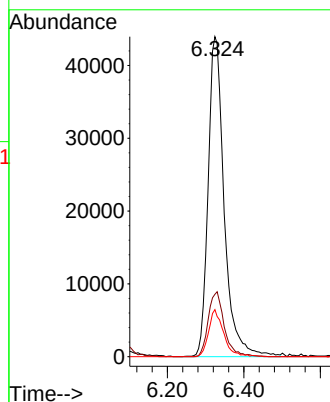
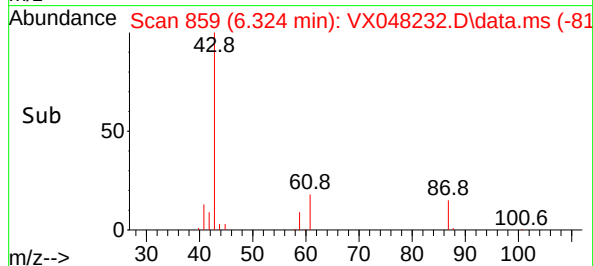
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 128290
Ion Ratio Lower Upper
43 100
61 20.3 14.9 22.3
87 13.7 9.4 14.2

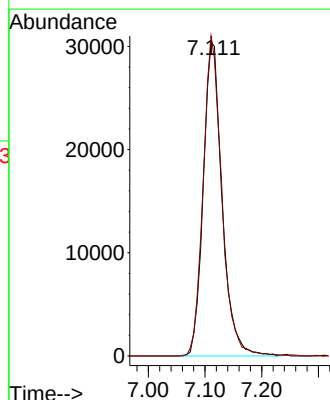
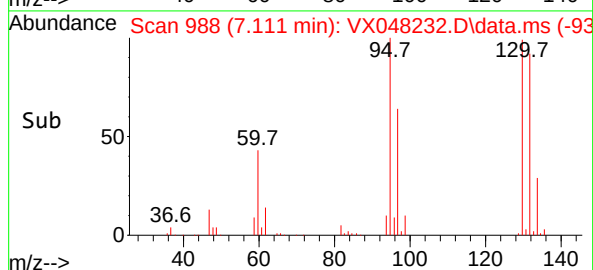
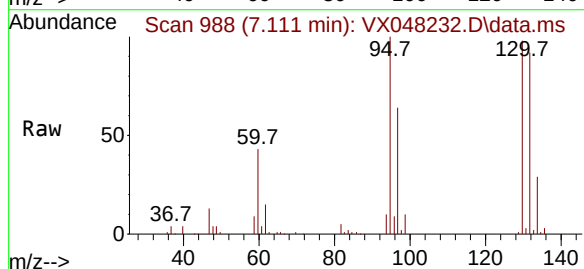
Manual Integrations
APPROVED

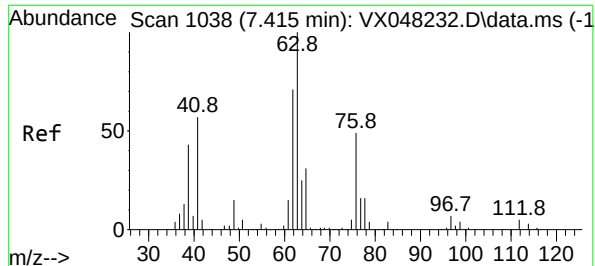
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#44
Trichloroethene
Concen: 47.597 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:130 Resp: 70313
Ion Ratio Lower Upper
130 100
95 101.9 0.0 200.6





#45

1,2-Dichloropropane

Concen: 43.746 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VX048232.D

Acq: 20 Oct 2025 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 6489

Ion Ratio Lower Upper

63 100

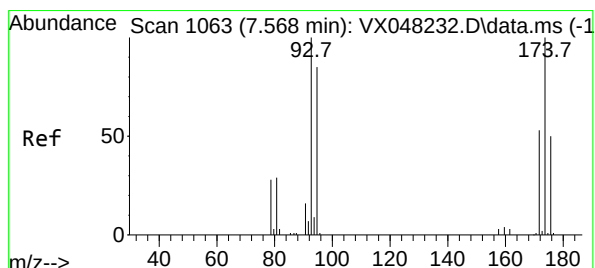
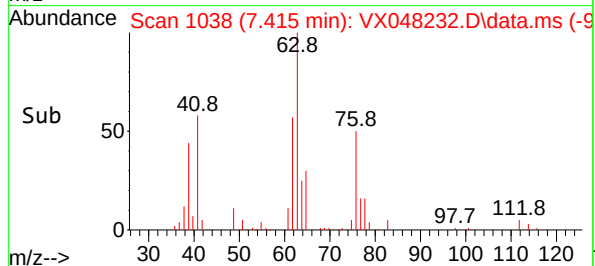
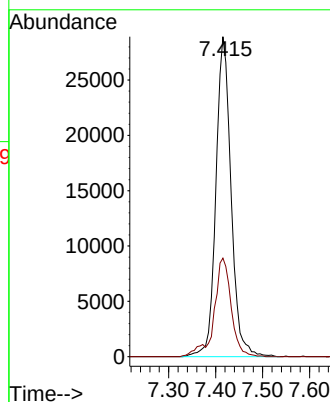
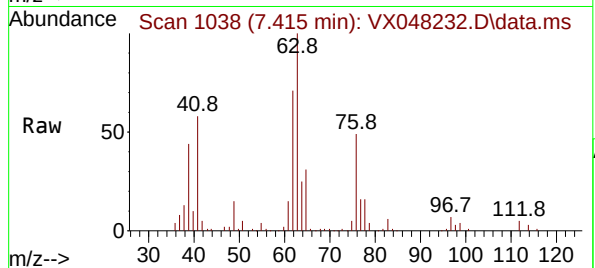
65 30.8 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#46

Dibromomethane

Concen: 46.726 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. 0.000 min

Lab File: VX048232.D

Acq: 20 Oct 2025 12:01

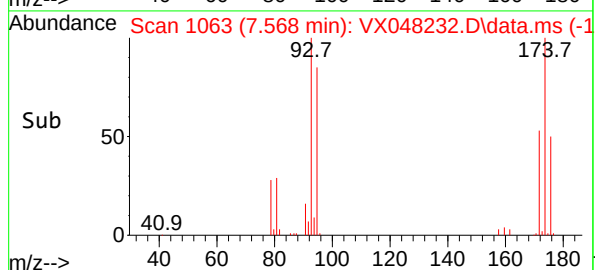
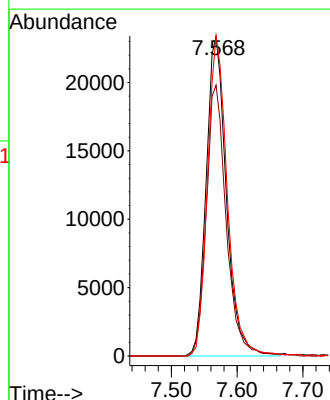
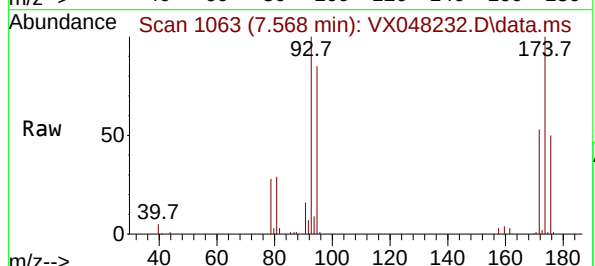
Tgt Ion: 93 Resp: 49874

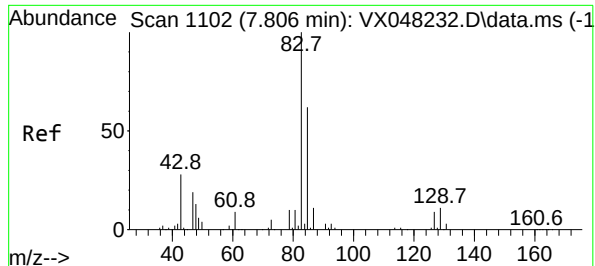
Ion Ratio Lower Upper

93 100

95 84.1 65.9 98.9

174 98.7 71.7 107.5





#47

Bromodichloromethane

Concen: 47.107 ug/l

RT: 7.806 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VX048232.D

Acq: 20 Oct 2025 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 10867

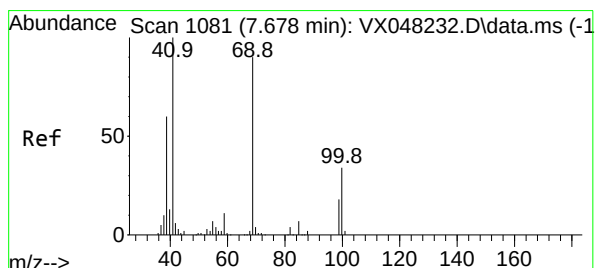
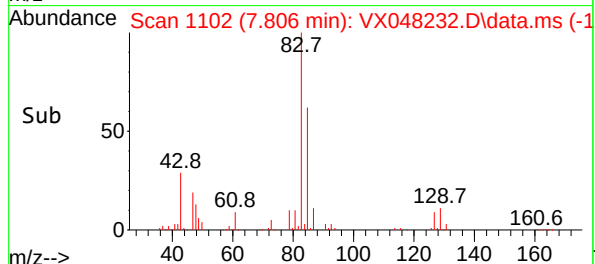
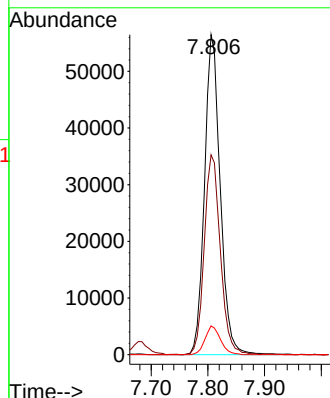
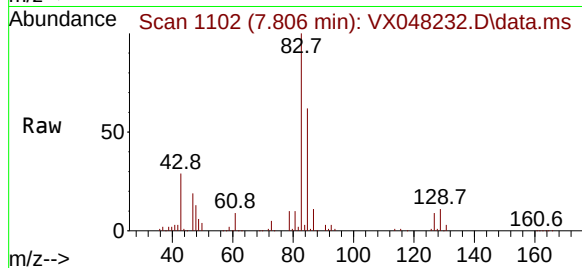
Ion	Ratio	Lower	Upper
83	100		
85	62.4	52.2	78.4
127	9.0	7.3	10.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#48

Methyl methacrylate

Concen: 47.990 ug/l

RT: 7.678 min Scan# 1081

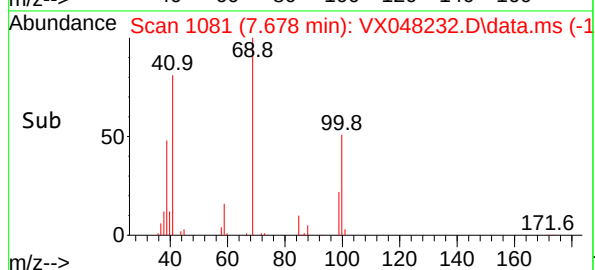
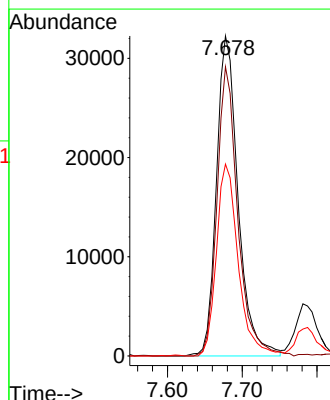
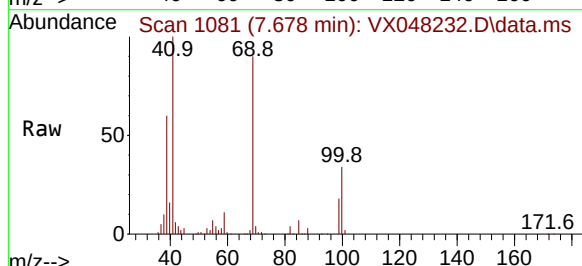
Delta R.T. 0.000 min

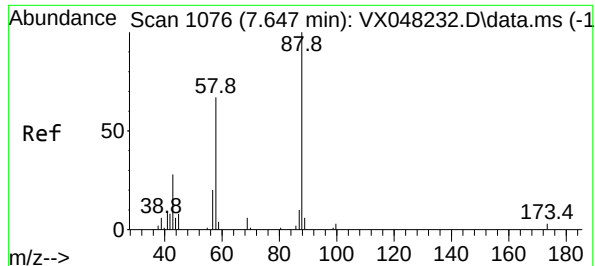
Lab File: VX048232.D

Acq: 20 Oct 2025 12:01

Tgt Ion: 41 Resp: 65057

Ion	Ratio	Lower	Upper
41	100		
69	86.8	63.4	95.0
39	60.5	47.1	70.7





#49

1,4-Dioxane

Concen: 1467.288 ug/l

RT: 7.647 min Scan# 1076

Delta R.T. 0.006 min

Lab File: VX048232.D

Acq: 20 Oct 2025 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 1790

Ion Ratio Lower Upper

88 100

43 37.1 35.0 52.4

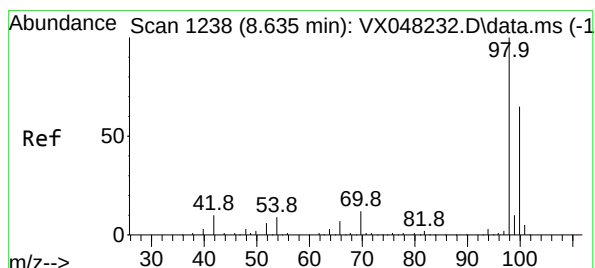
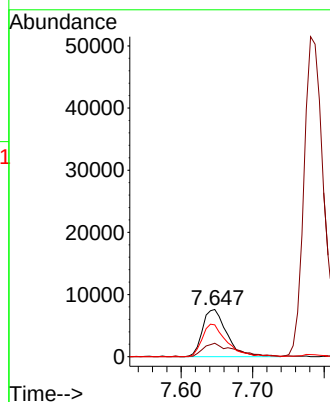
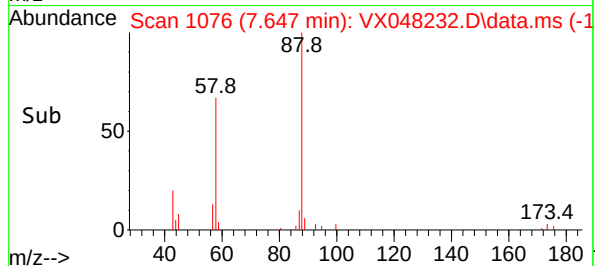
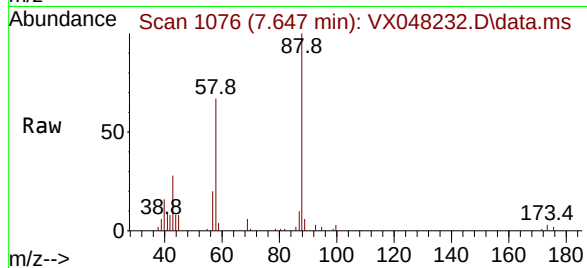
58 69.5 61.9 92.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#50

Toluene-d8

Concen: 47.402 ug/l

RT: 8.635 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VX048232.D

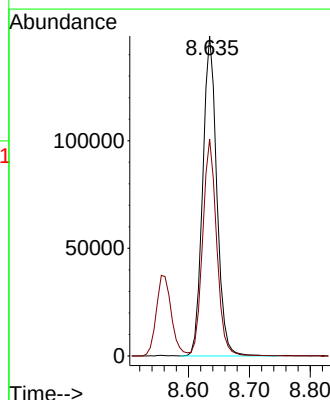
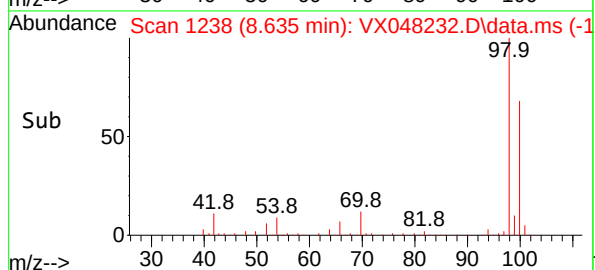
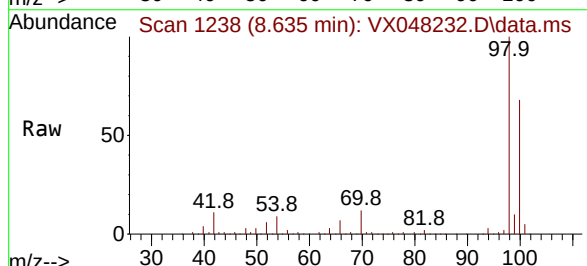
Acq: 20 Oct 2025 12:01

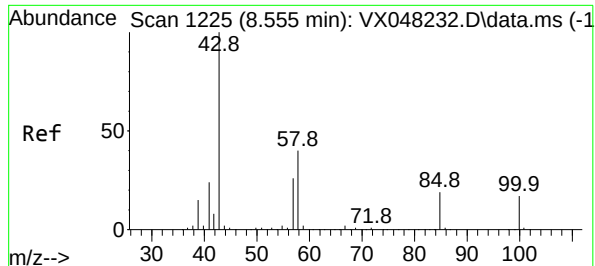
Tgt Ion: 98 Resp: 239295

Ion Ratio Lower Upper

98 100

100 67.2 53.0 79.4





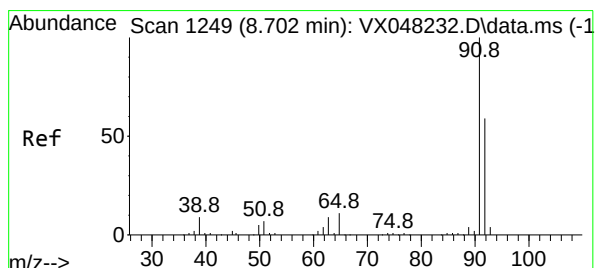
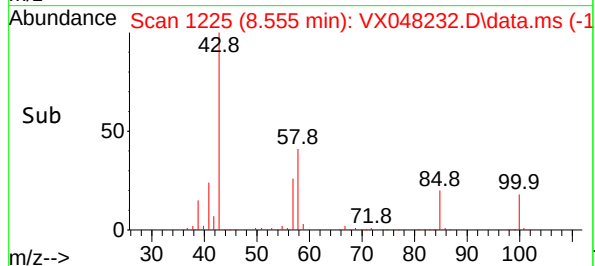
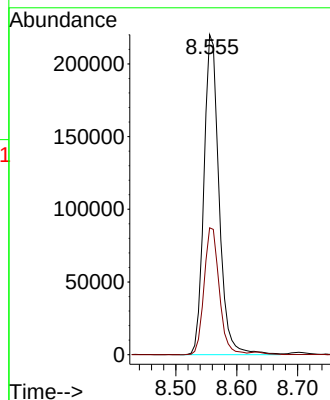
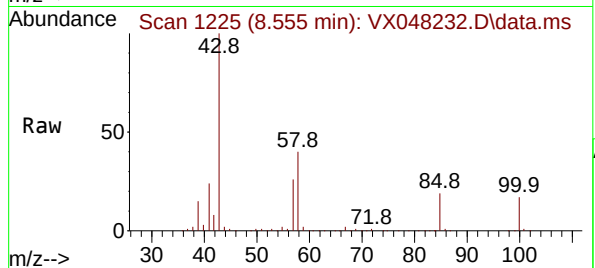
#51
4-Methyl-2-Pentanone
Concen: 258.320 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 38066
Ion Ratio Lower Upper
43 100
58 39.8 29.5 44.3

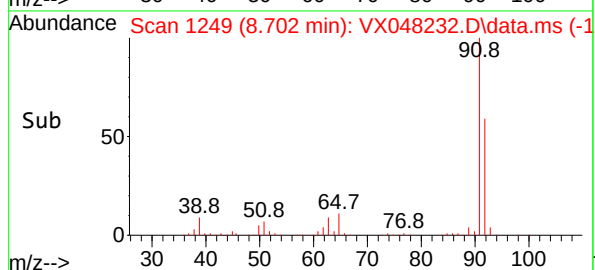
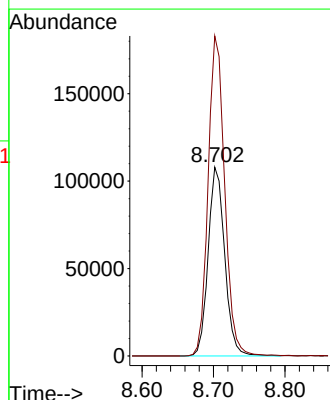
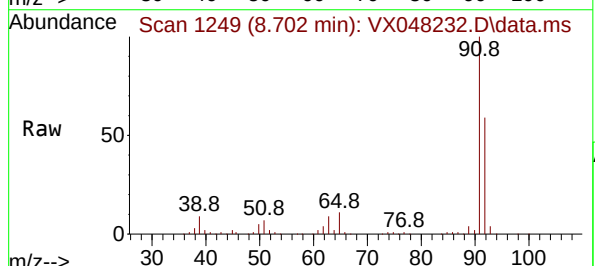
Manual Integrations
APPROVED

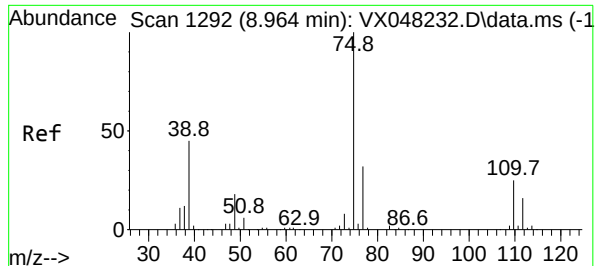
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#52
Toluene
Concen: 49.373 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 92 Resp: 173942
Ion Ratio Lower Upper
92 100
91 169.6 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 50.880 ug/l

RT: 8.964 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VX048232.D

Acq: 20 Oct 2025 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 75 Resp: 109960

Ion Ratio Lower Upper

75 100

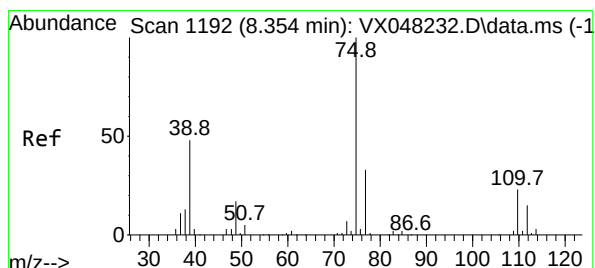
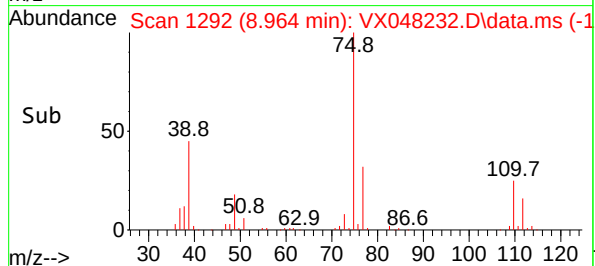
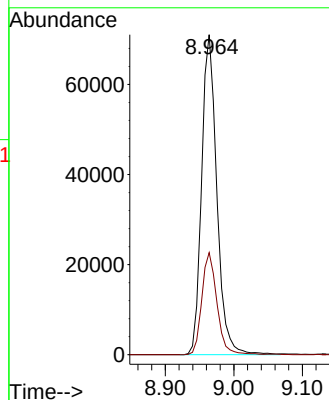
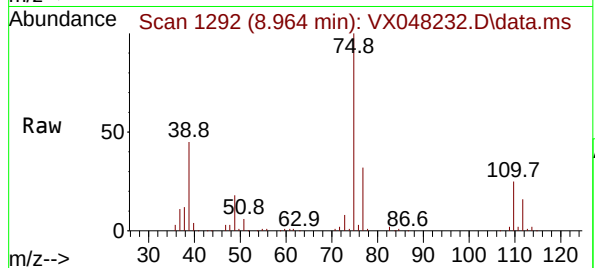
77 31.9 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#54

cis-1,3-Dichloropropene

Concen: 49.046 ug/l

RT: 8.354 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VX048232.D

Acq: 20 Oct 2025 12:01

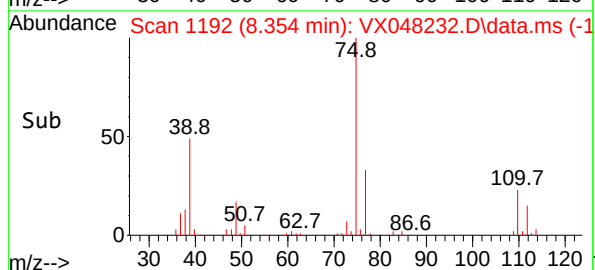
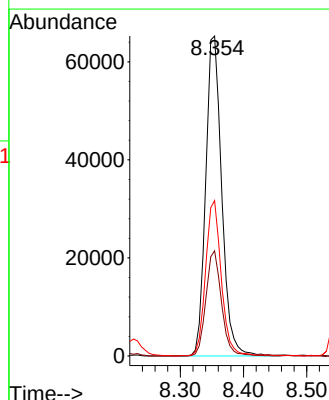
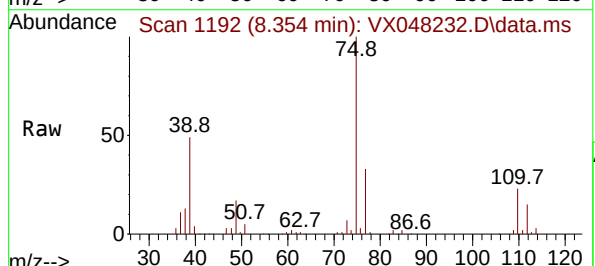
Tgt Ion: 75 Resp: 115534

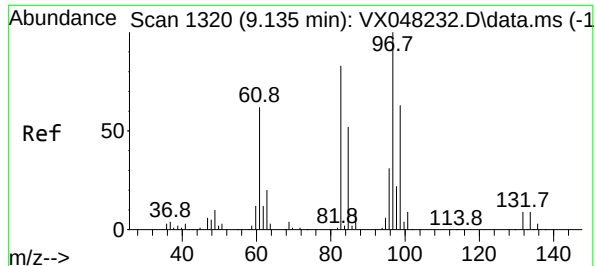
Ion Ratio Lower Upper

75 100

77 32.8 24.9 37.3

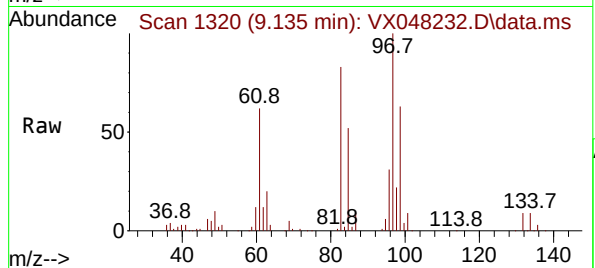
39 46.7 42.6 64.0





#55
1,1,2-Trichloroethane
Concen: 49.248 ug/l
RT: 9.135 min Scan# 1320
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

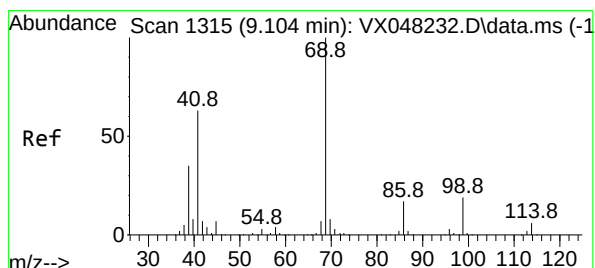
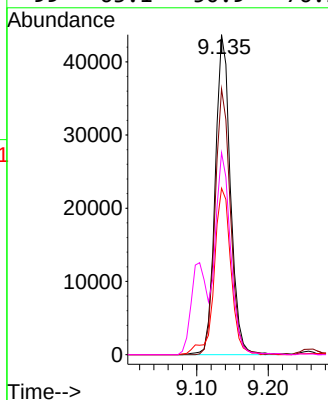
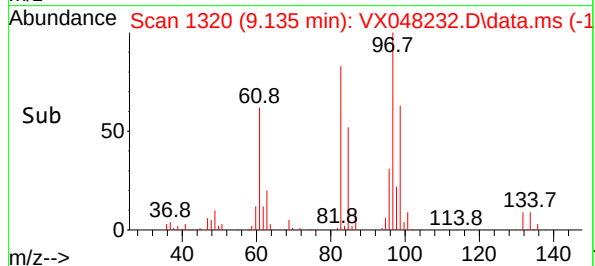
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 97 Resp: 6473
Ion Ratio Lower Upper
97 100
83 83.0 70.6 105.8
85 52.0 45.0 67.6
99 63.1 50.9 76.3

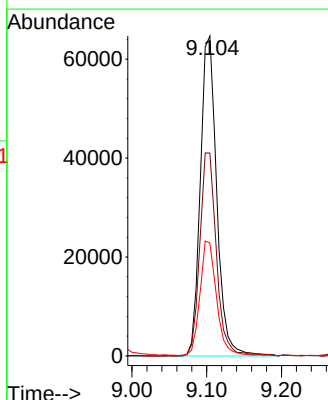
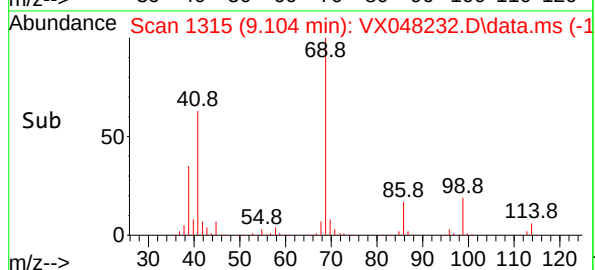
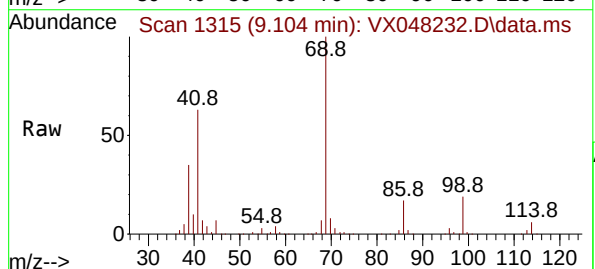
Manual Integrations
APPROVED

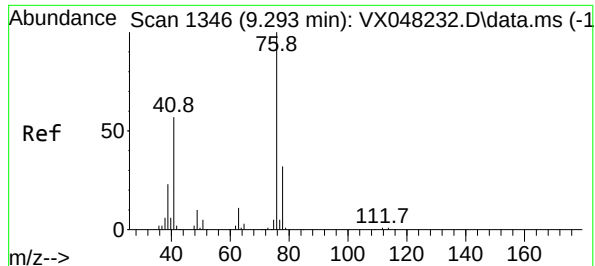
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#56
Ethyl methacrylate
Concen: 55.290 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 69 Resp: 98851
Ion Ratio Lower Upper
69 100
41 64.4 56.0 84.0
39 35.9 31.6 47.4





#57

1,3-Dichloropropane

Concen: 48.206 ug/l

RT: 9.293 min Scan# 110709

Delta R.T. 0.000 min

Lab File: VX048232.D

Acq: 20 Oct 2025 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 110709

Ion Ratio Lower Upper

76 100

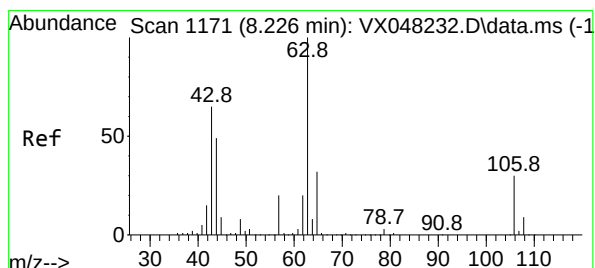
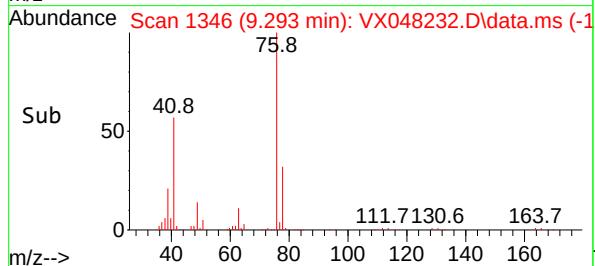
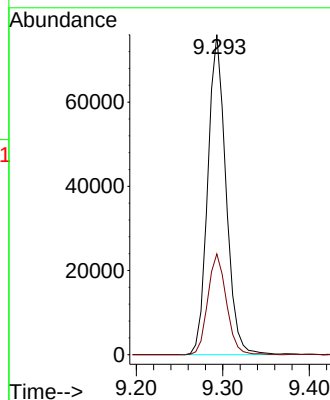
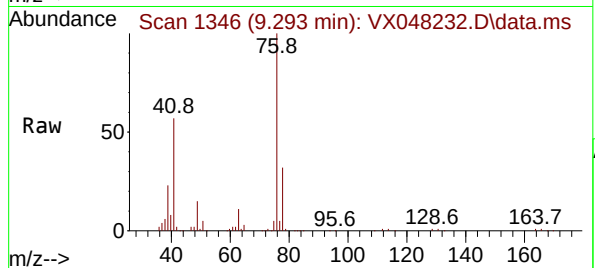
78 32.2 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#58

2-Chloroethyl Vinyl ether

Concen: 285.817 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX048232.D

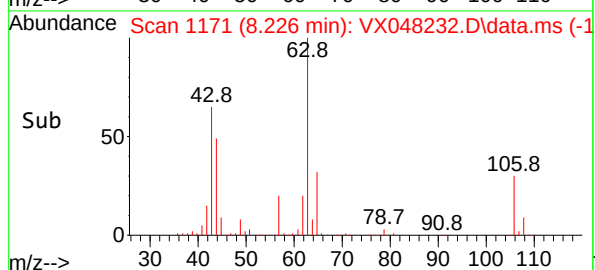
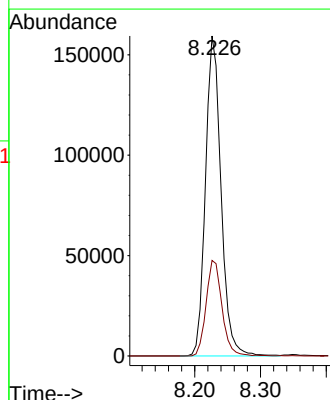
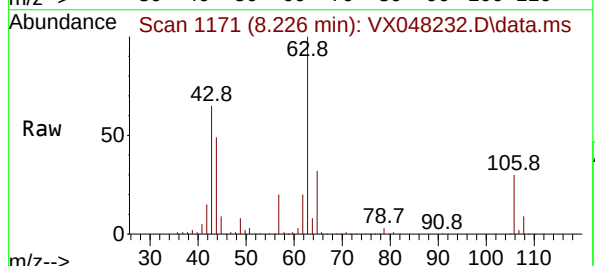
Acq: 20 Oct 2025 12:01

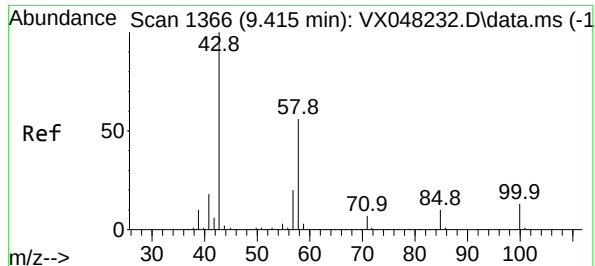
Tgt Ion: 63 Resp: 262387

Ion Ratio Lower Upper

63 100

106 30.6 22.2 33.2





#59

2-Hexanone

Concen: 261.113 ug/l

RT: 9.415 min Scan# 1366

Delta R.T. 0.000 min

Lab File: VX048232.D

Acq: 20 Oct 2025 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 26914

Ion Ratio Lower Upper

43 100

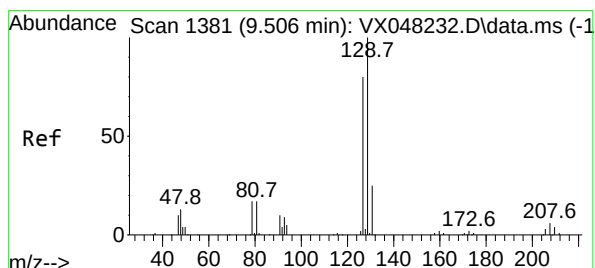
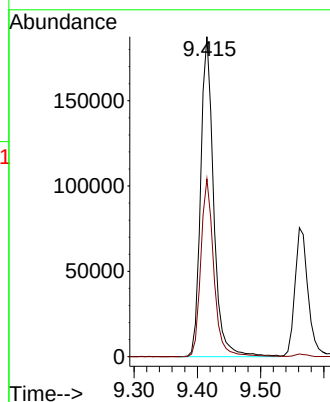
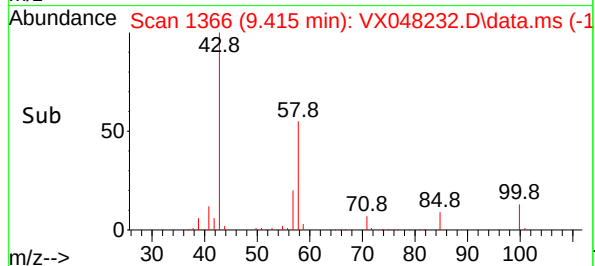
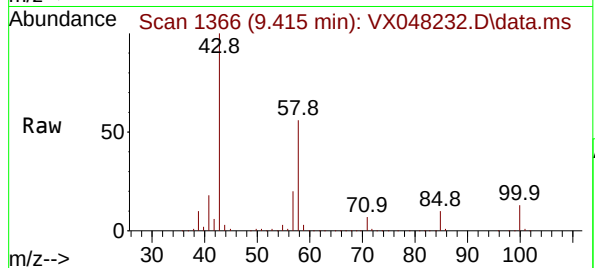
58 55.6 26.3 78.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#60

Dibromochloromethane

Concen: 52.123 ug/l

RT: 9.506 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VX048232.D

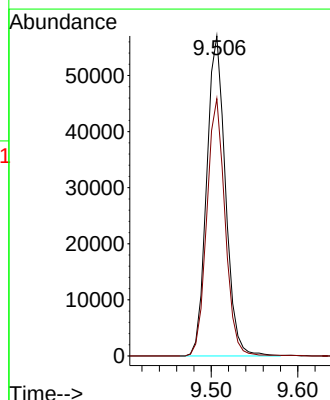
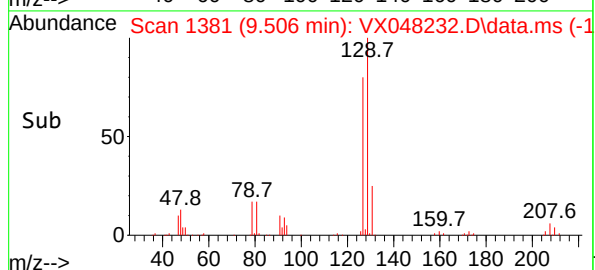
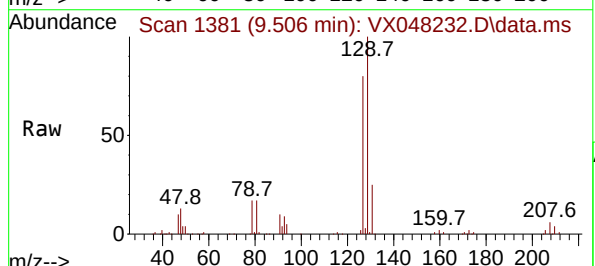
Acq: 20 Oct 2025 12:01

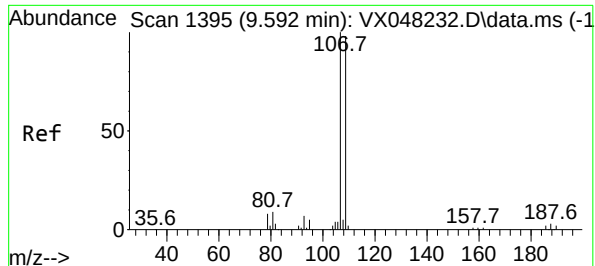
Tgt Ion:129 Resp: 85760

Ion Ratio Lower Upper

129 100

127 78.4 38.6 115.7





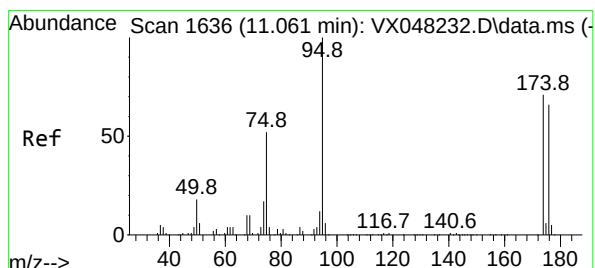
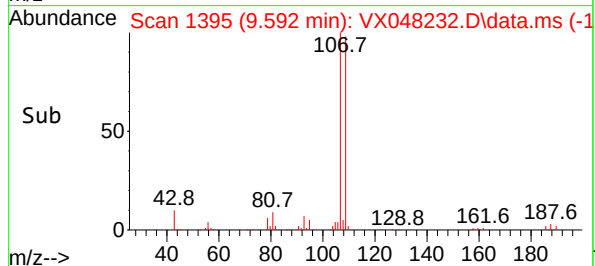
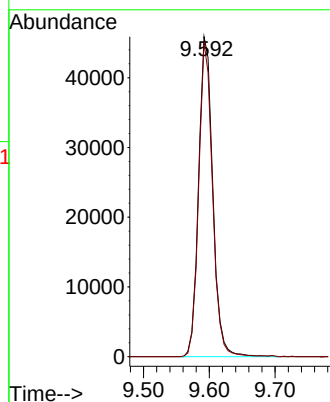
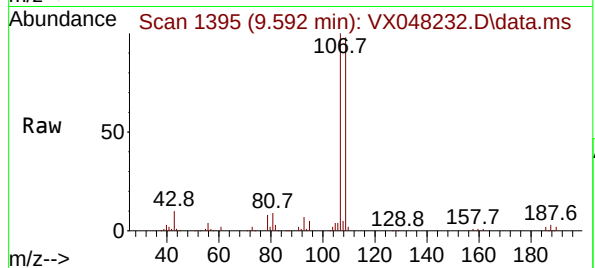
#61
1,2-Dibromoethane
Concen: 51.208 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 6902
Ion Ratio Lower Upper
107 100
109 95.5 77.0 115.4

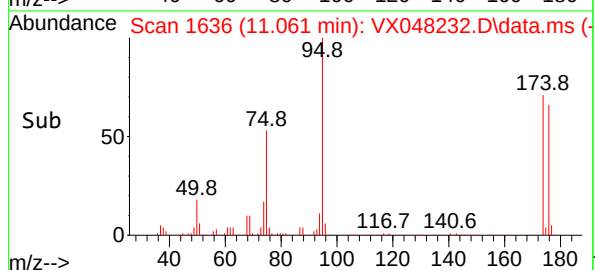
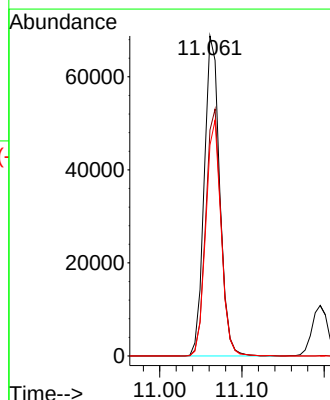
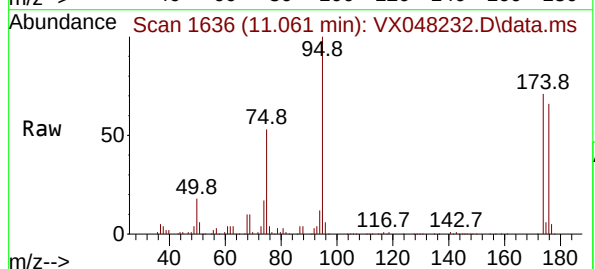
Manual Integrations
APPROVED

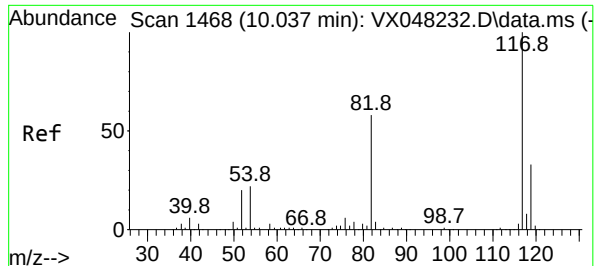
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#62
4-Bromofluorobenzene
Concen: 48.719 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

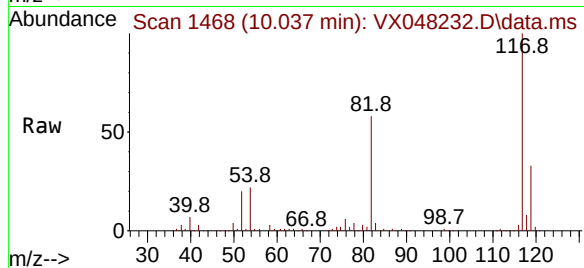
Tgt Ion: 95 Resp: 89579
Ion Ratio Lower Upper
95 100
174 77.3 0.0 147.8
176 73.3 0.0 142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

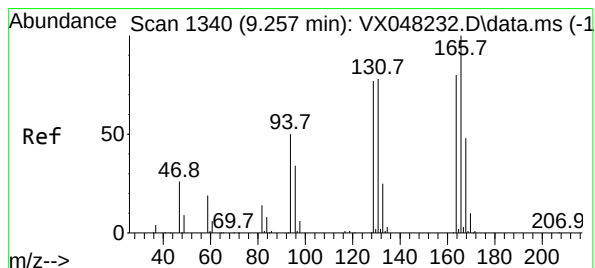
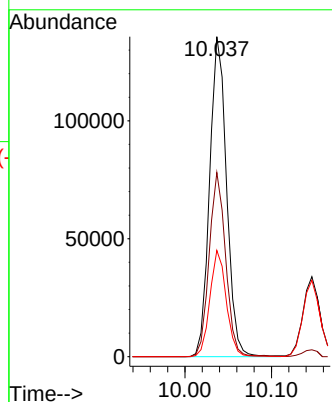
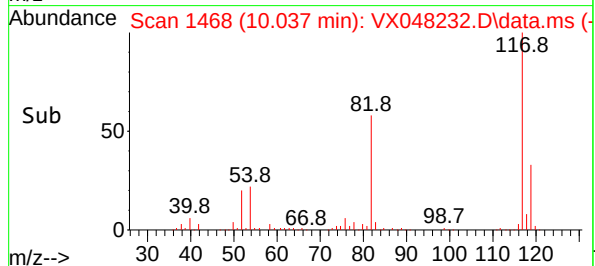
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 184494
Ion Ratio Lower Upper
117 100
82 57.6 46.5 69.7
119 33.2 25.9 38.9

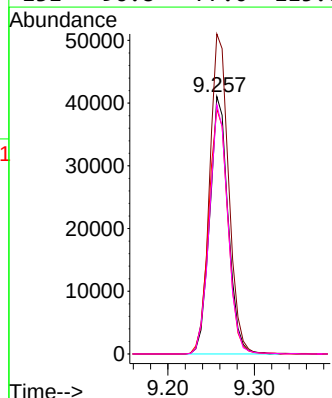
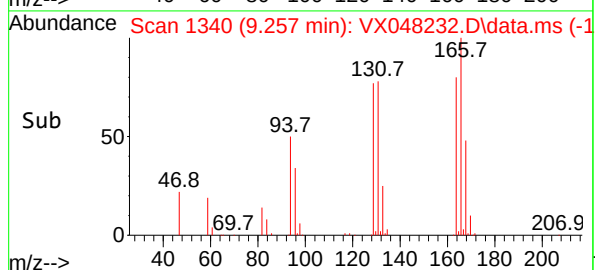
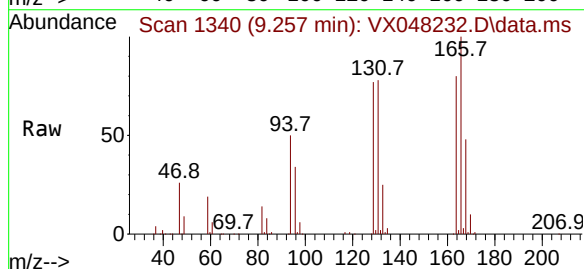
Manual Integrations
APPROVED

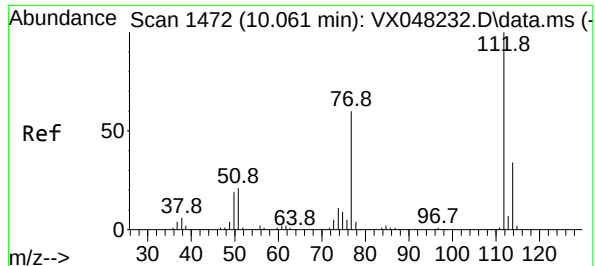
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#64
Tetrachloroethene
Concen: 46.776 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:164 Resp: 60510
Ion Ratio Lower Upper
164 100
166 124.3 104.5 156.7
129 95.1 81.8 122.6
131 96.8 77.0 115.6





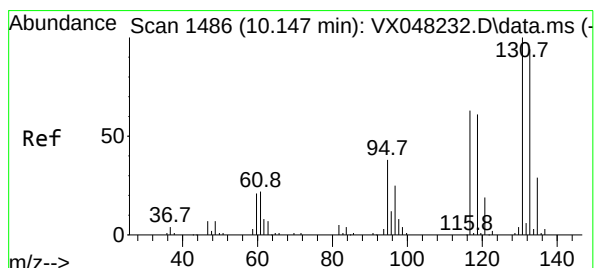
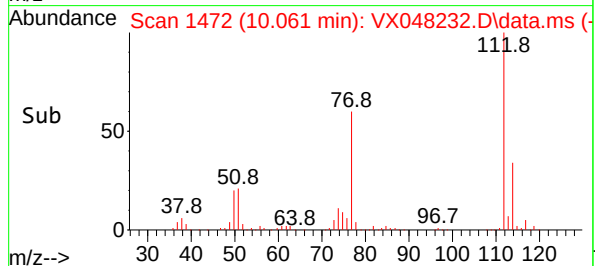
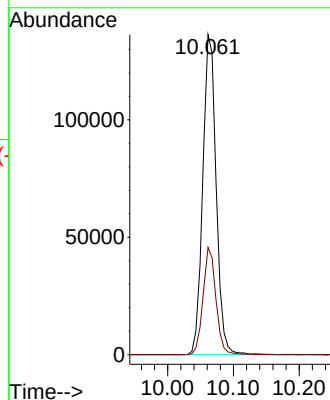
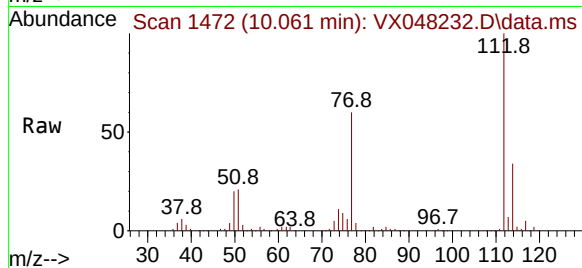
#65
Chlorobenzene
Concen: 47.805 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 19284
Ion Ratio Lower Upper
112 100
114 33.5 26.2 39.2

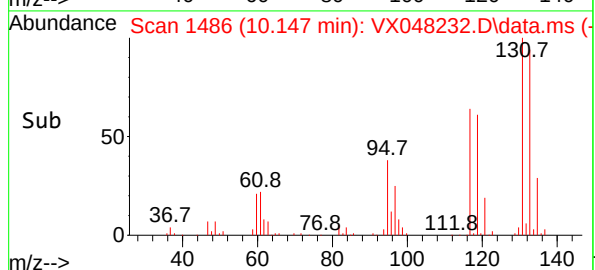
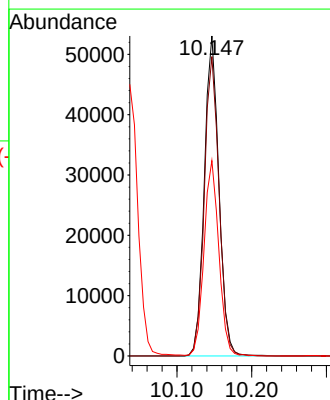
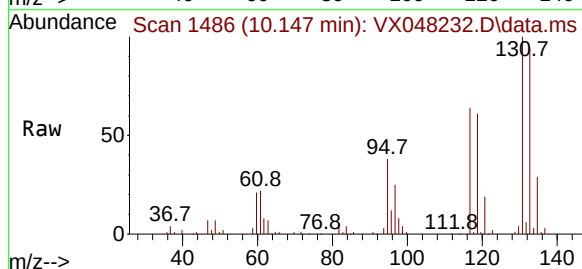
Manual Integrations
APPROVED

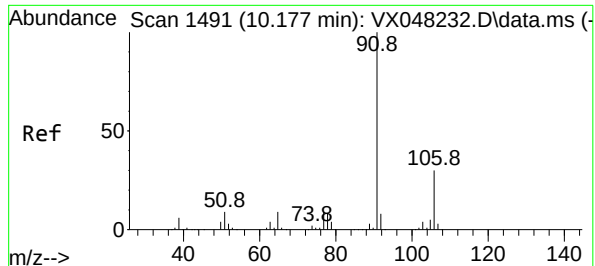
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 49.482 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:131 Resp: 71930
Ion Ratio Lower Upper
131 100
133 94.7 47.6 142.8
119 62.0 32.5 97.5





#67

Ethyl Benzene

Concen: 48.680 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VX048232.D

Acq: 20 Oct 2025 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 336660

Ion Ratio Lower Upper

91 100

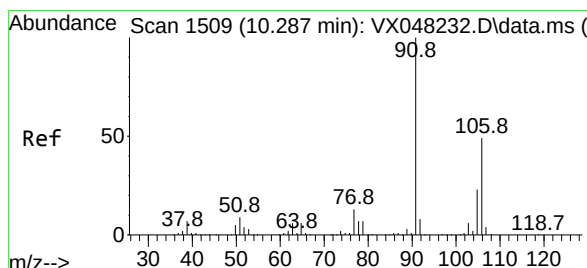
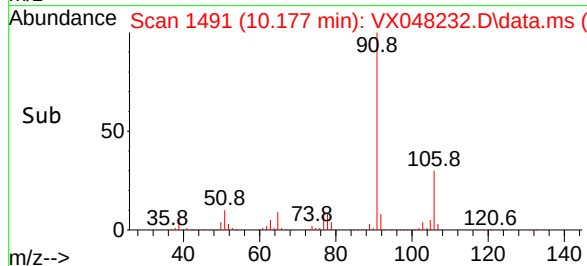
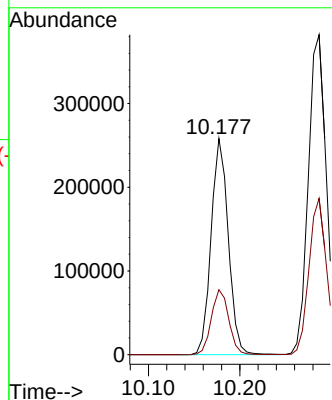
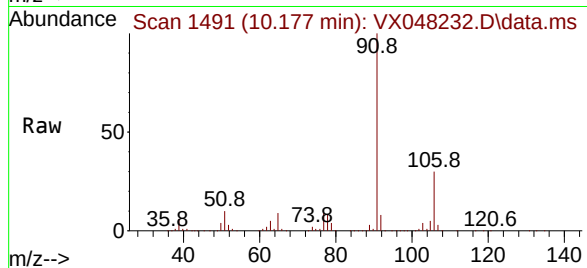
106 30.1 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#68

m/p-Xylenes

Concen: 98.455 ug/l

RT: 10.287 min Scan# 1509

Delta R.T. 0.000 min

Lab File: VX048232.D

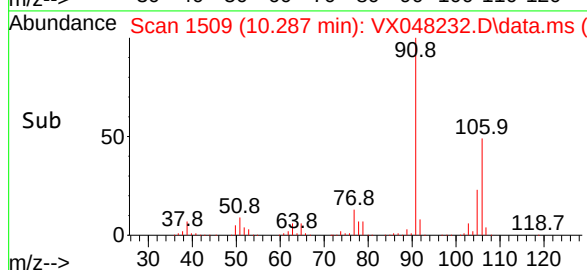
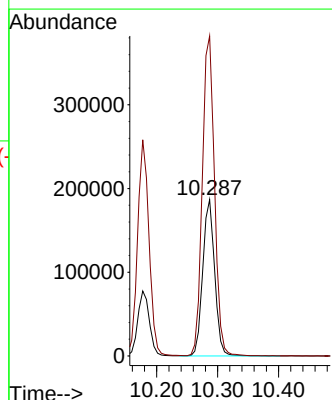
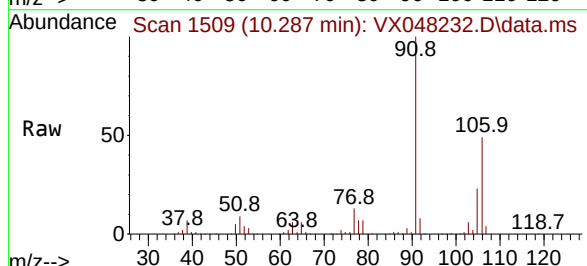
Acq: 20 Oct 2025 12:01

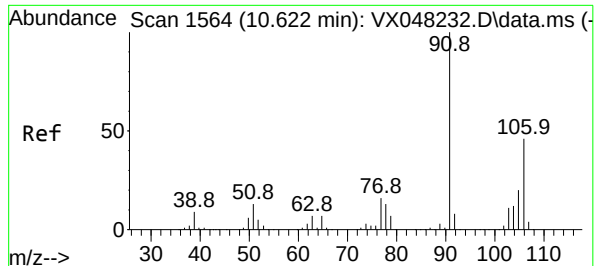
Tgt Ion:106 Resp: 253662

Ion Ratio Lower Upper

106 100

91 209.1 167.9 251.9





#69

o-Xylene

Concen: 50.542 ug/l

RT: 10.622 min Scan# 1564

Delta R.T. 0.000 min

Lab File: VX048232.D

Acq: 20 Oct 2025 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:106 Resp: 12258

Ion Ratio Lower Upper

106 100

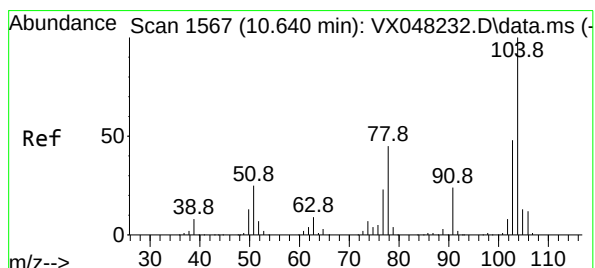
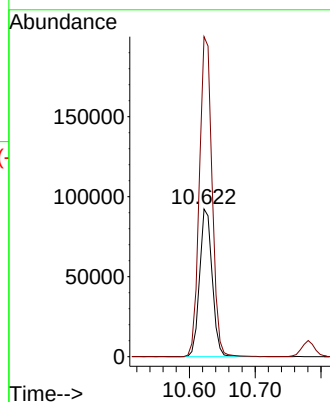
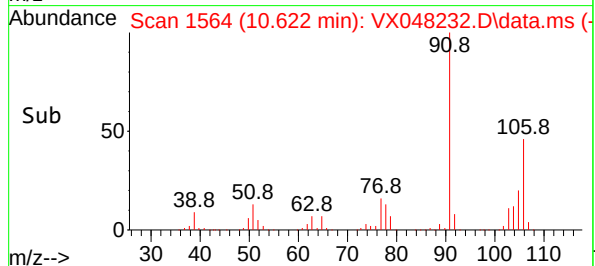
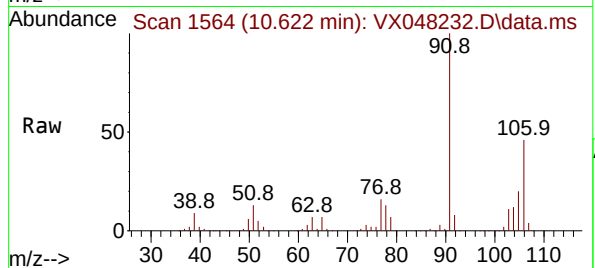
91 219.2 111.3 333.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#70

Styrene

Concen: 50.508 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX048232.D

Acq: 20 Oct 2025 12:01

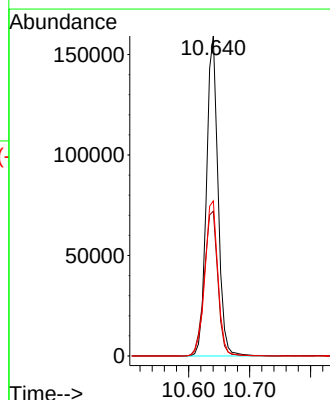
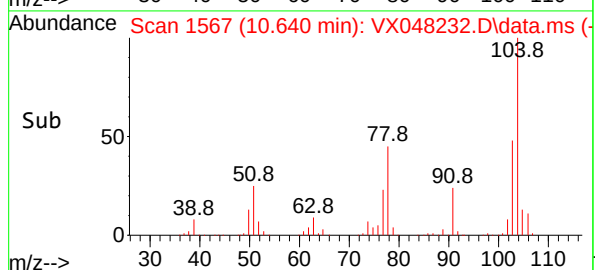
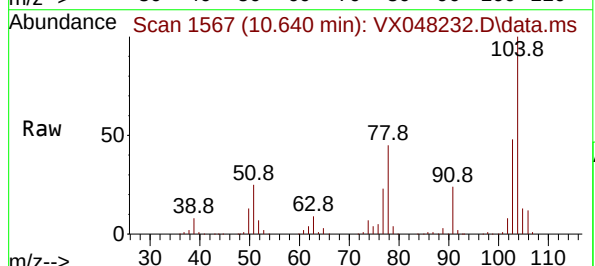
Tgt Ion:104 Resp: 210861

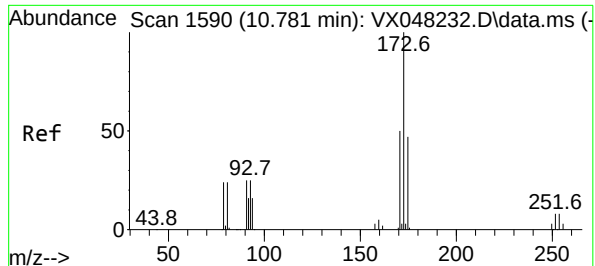
Ion Ratio Lower Upper

104 100

78 52.8 42.2 63.4

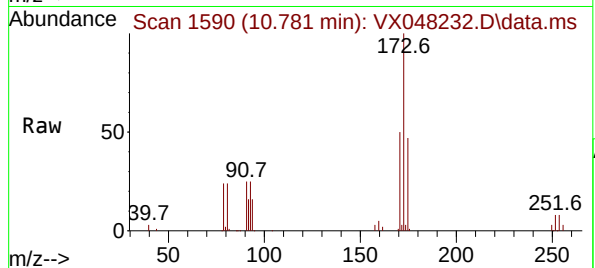
103 54.4 43.0 64.4





#71
Bromoform
Concen: 53.279 ug/l
RT: 10.781 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

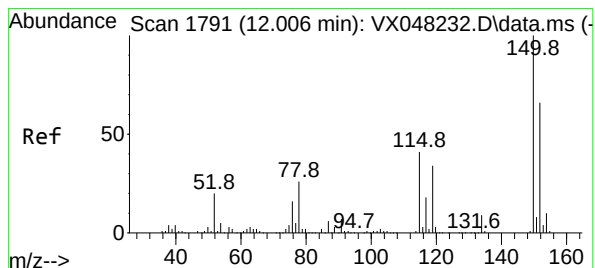
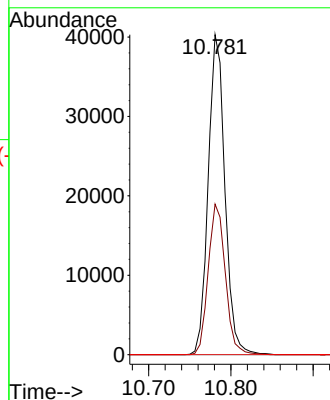
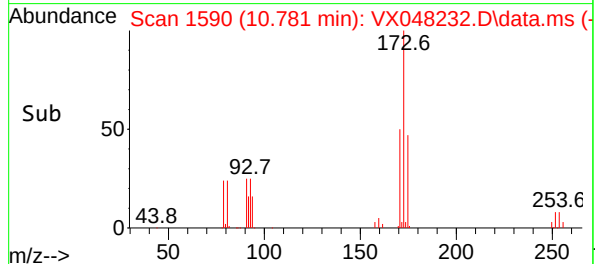
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:173 Resp: 56874
Ion Ratio Lower Upper
173 100
175 48.2 24.0 72.0
254 0.0 0.0 0.0

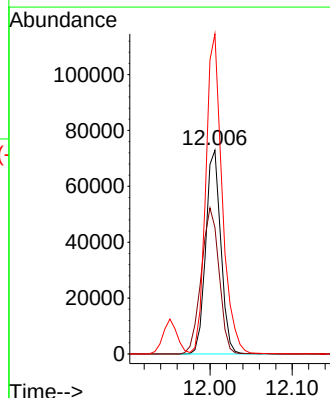
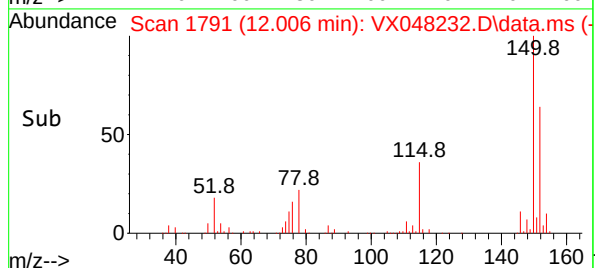
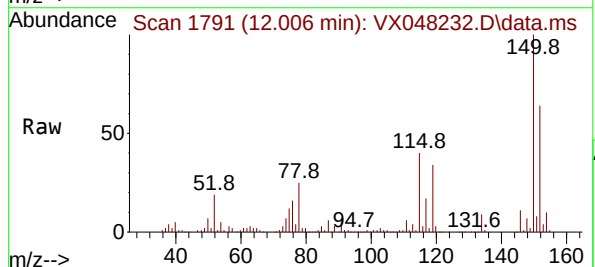
Manual Integrations
APPROVED

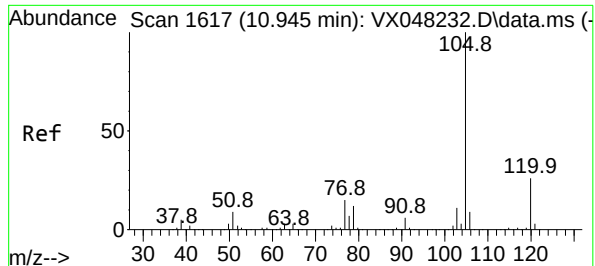
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:152 Resp: 92693
Ion Ratio Lower Upper
152 100
115 84.9 43.1 129.4
150 171.1 0.0 353.0





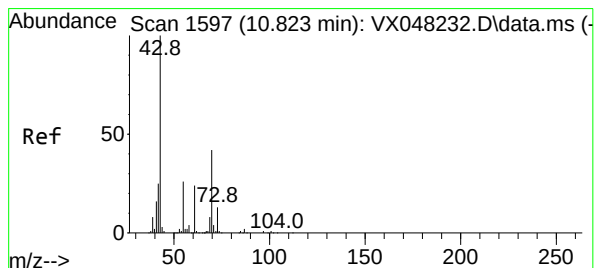
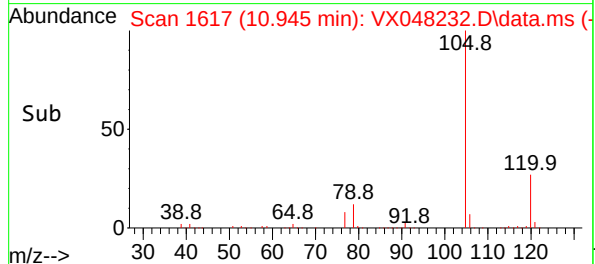
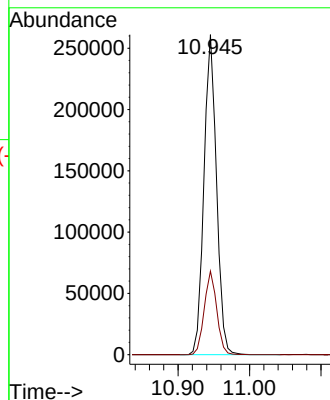
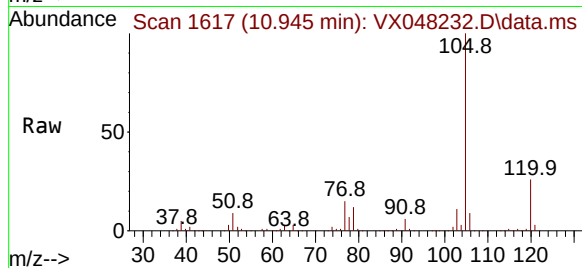
#73
Isopropylbenzene
Concen: 49.321 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 317974
Ion Ratio Lower Upper
105 100
120 26.0 13.0 38.9

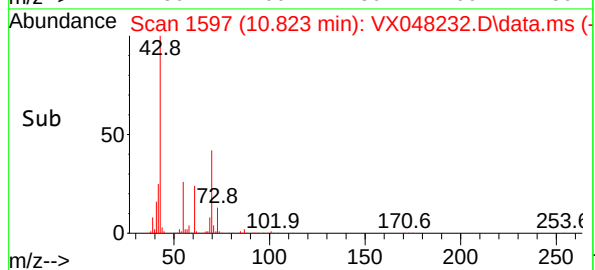
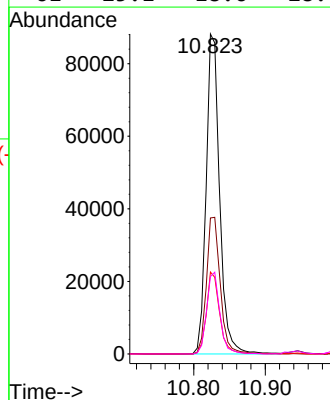
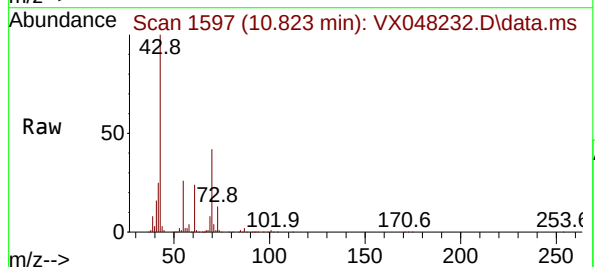
Manual Integrations
APPROVED

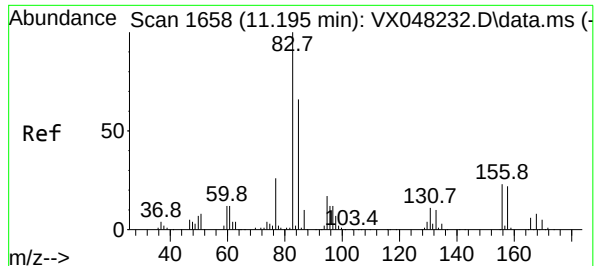
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#74
N-ethyl acetate
Concen: 48.098 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 43 Resp: 115683
Ion Ratio Lower Upper
43 100
70 43.8 32.2 48.2
55 25.1 19.1 28.7
61 25.1 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.020 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX048232.D

Acq: 20 Oct 2025 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

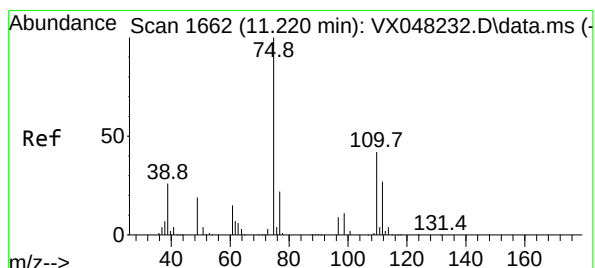
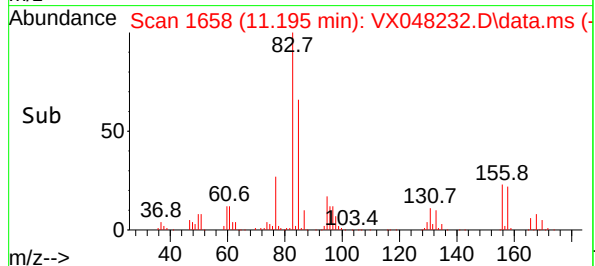
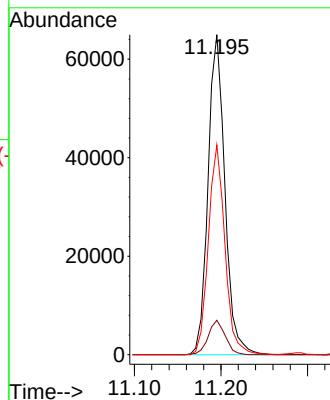
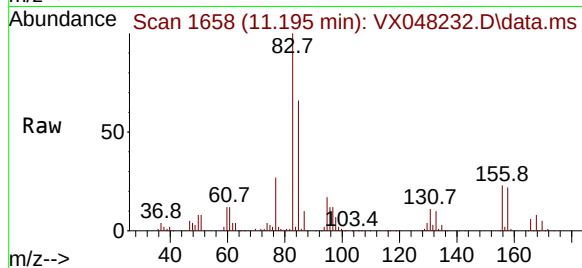
Tgt Ion:	83	Resp:	8770
Ion	Ratio	Lower	Upper
83	100		
131	10.9	4.8	14.4
85	64.5	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#76

1,2,3-Trichloropropane

Concen: 48.115 ug/l m

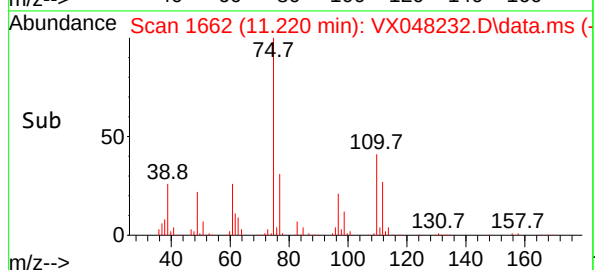
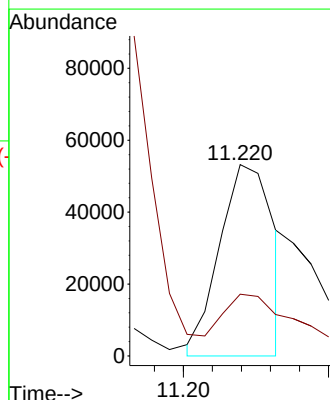
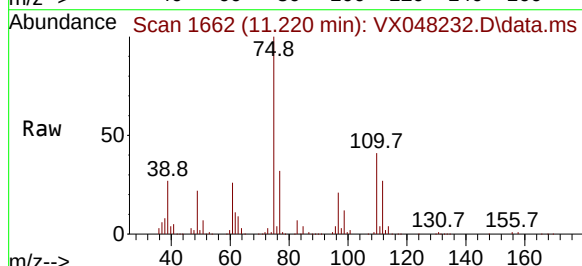
RT: 11.220 min Scan# 1662

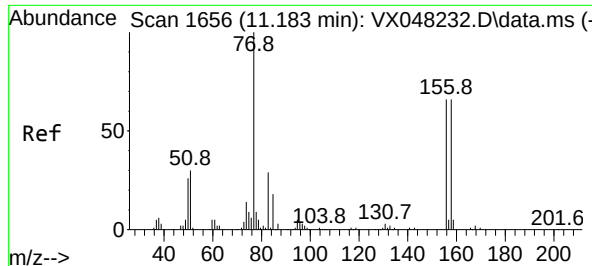
Delta R.T. 0.000 min

Lab File: VX048232.D

Acq: 20 Oct 2025 12:01

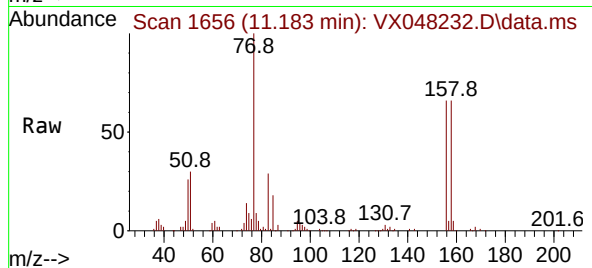
Tgt Ion:	75	Resp:	68104
Ion	Ratio	Lower	Upper
75	100		
77	45.1	22.4	67.2





#77
Bromobenzene
Concen: 49.303 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

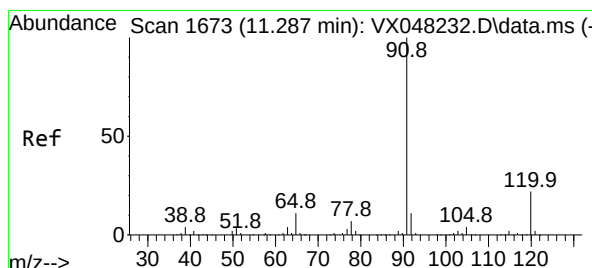
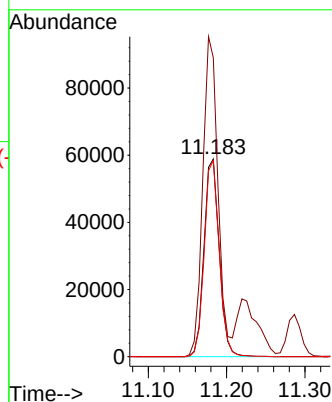
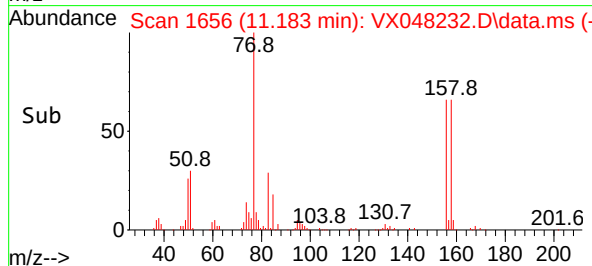
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:156 Resp: 7954
Ion Ratio Lower Upper
156 100
77 161.6 87.0 261.0
158 97.3 47.8 143.4

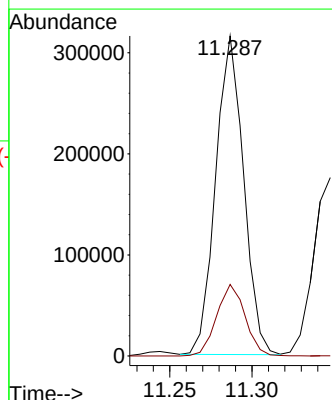
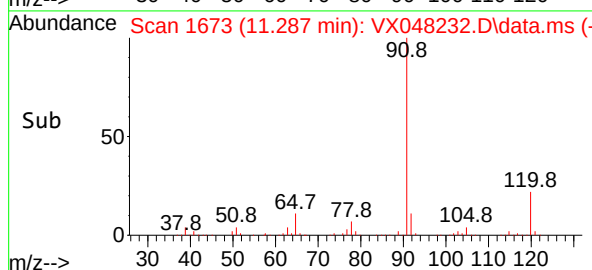
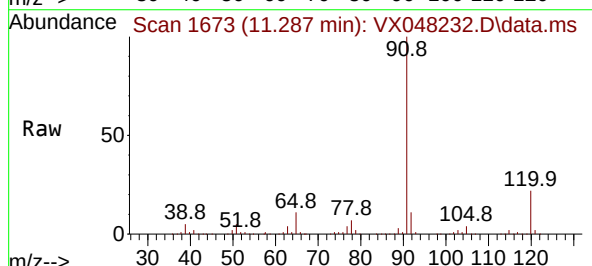
Manual Integrations
APPROVED

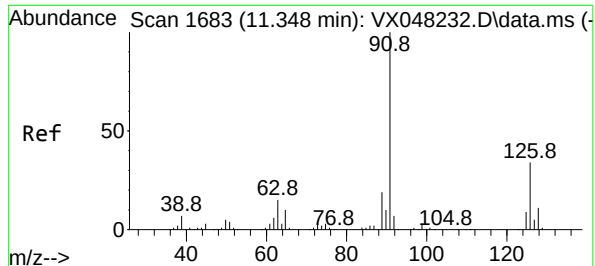
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#78
n-propylbenzene
Concen: 47.621 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 91 Resp: 372312
Ion Ratio Lower Upper
91 100
120 22.9 11.1 33.1





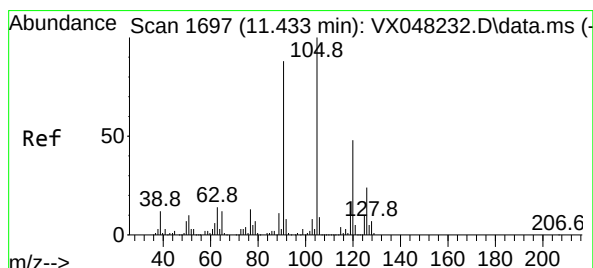
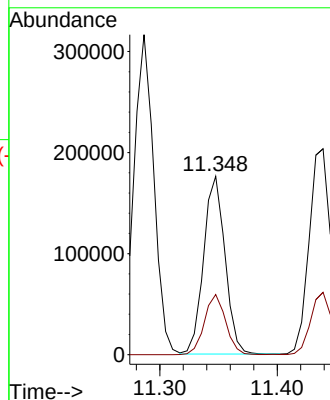
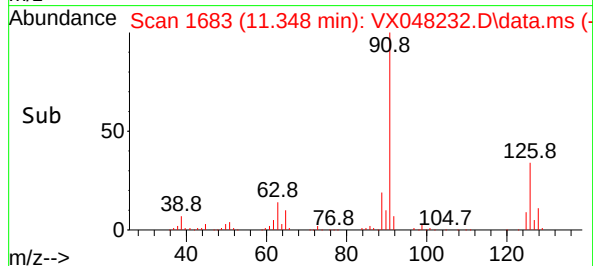
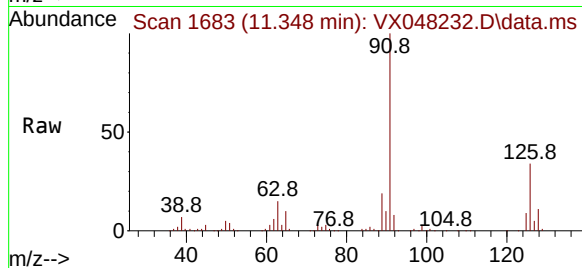
#79
2-Chlorotoluene
Concen: 47.045 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 22221
Ion Ratio Lower Upper
91 100
126 33.8 16.4 49.4

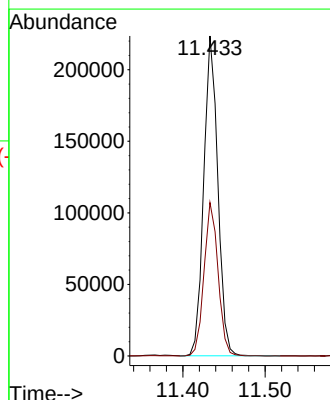
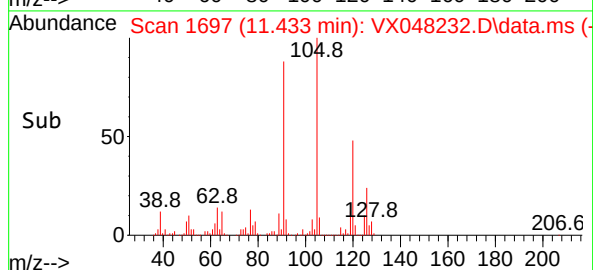
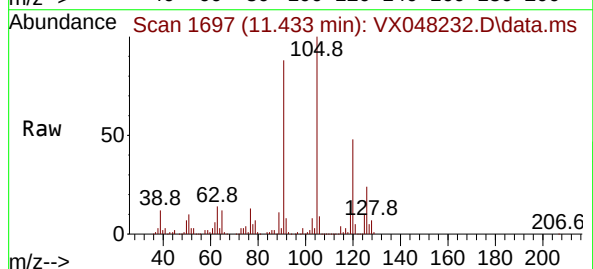
Manual Integrations
APPROVED

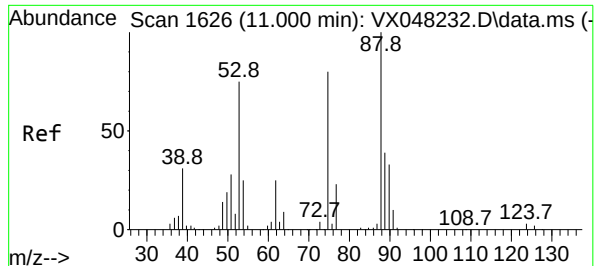
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 50.108 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

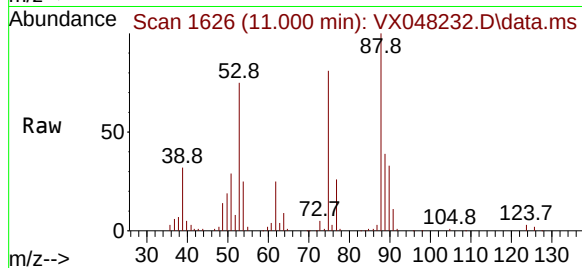
Tgt Ion:105 Resp: 265174
Ion Ratio Lower Upper
105 100
120 48.1 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 50.678 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

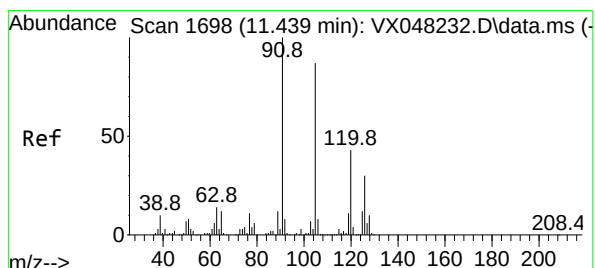
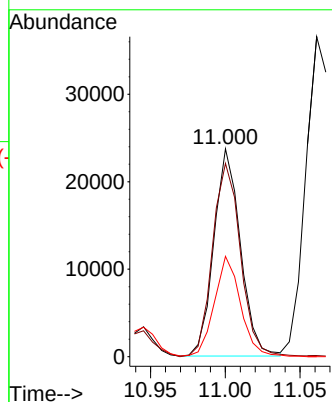
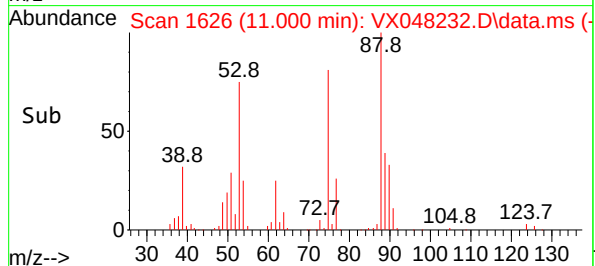
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 2929
Ion Ratio Lower Upper
75 100
53 98.5 79.5 119.3
89 48.0 36.8 55.2

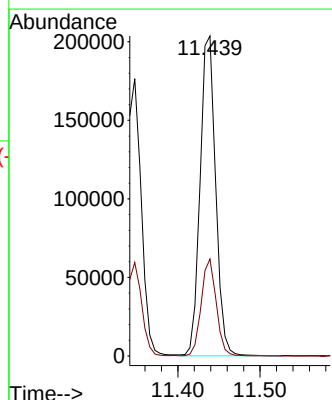
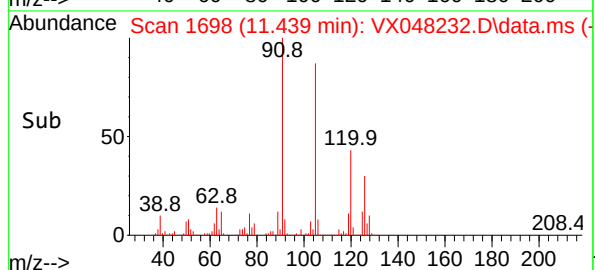
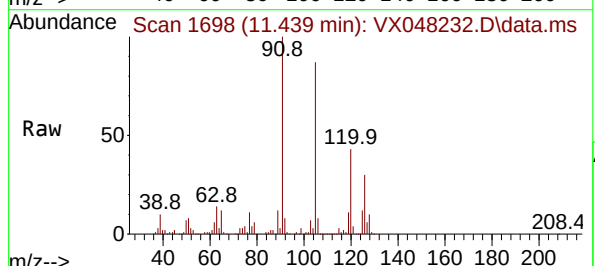
Manual Integrations
APPROVED

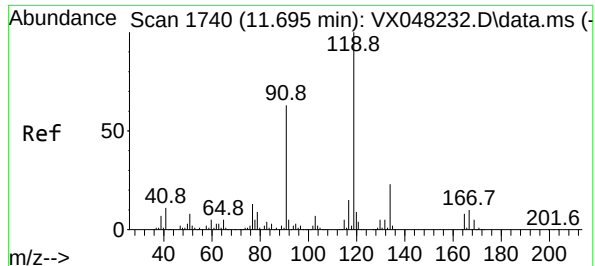
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#82
4-Chlorotoluene
Concen: 48.142 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

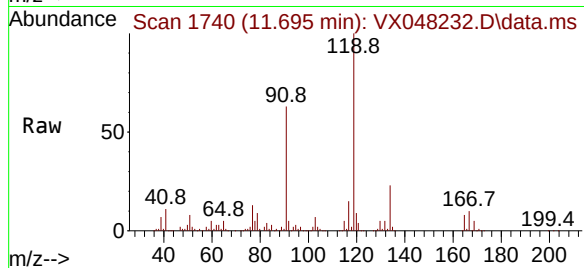
Tgt Ion: 91 Resp: 267236
Ion Ratio Lower Upper
91 100
126 29.3 14.1 42.4





#83
tert-Butylbenzene
Concen: 50.539 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

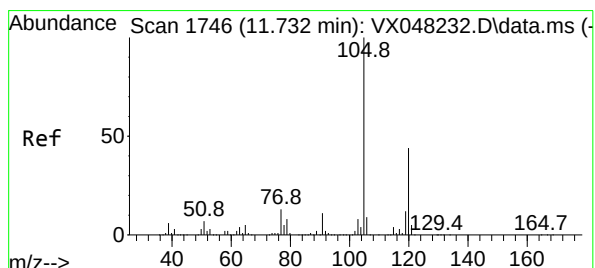
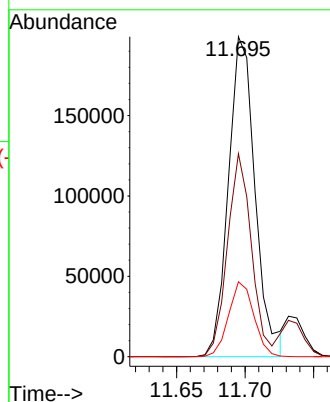
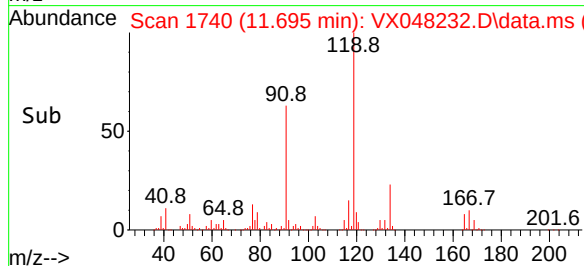
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:119 Resp: 27020
Ion Ratio Lower Upper
119 100
91 57.2 30.3 91.0
134 22.2 11.4 34.2

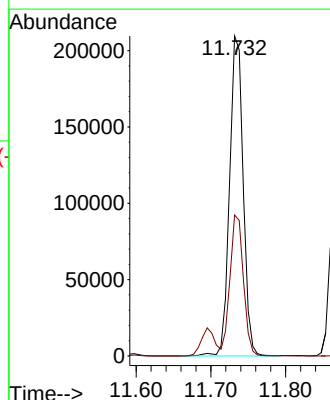
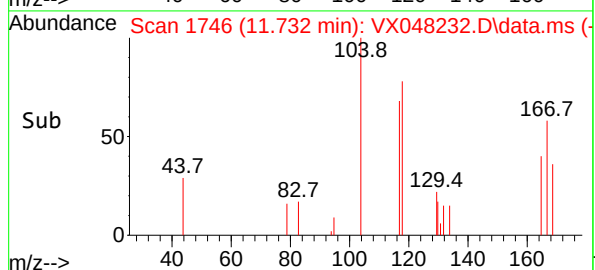
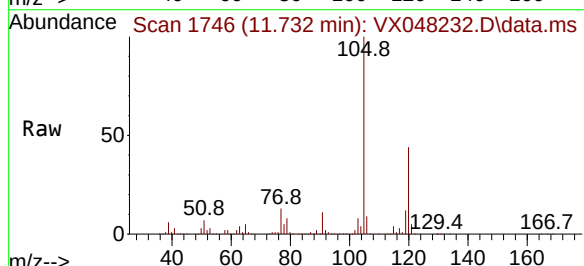
Manual Integrations
APPROVED

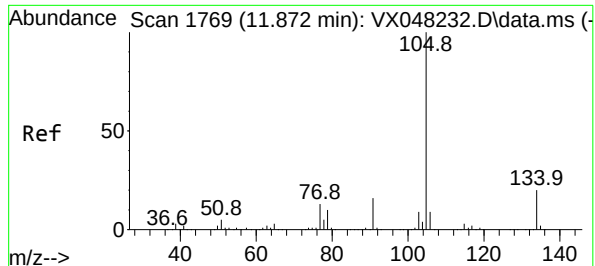
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#84
1,2,4-Trimethylbenzene
Concen: 50.381 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:105 Resp: 265485
Ion Ratio Lower Upper
105 100
120 43.5 22.1 66.5





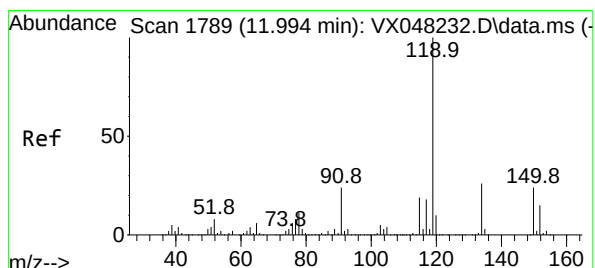
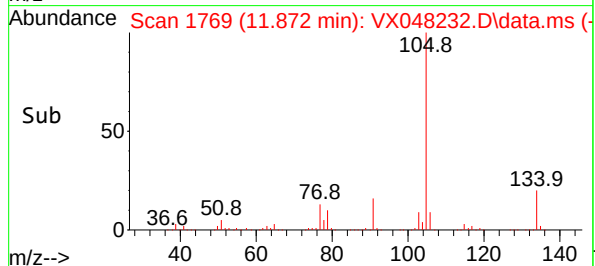
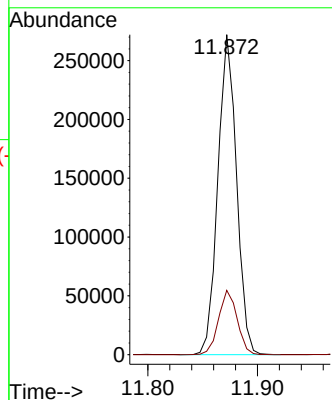
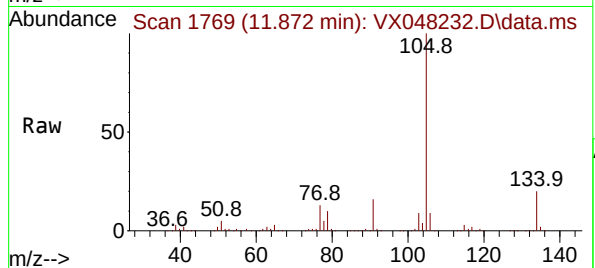
#85
sec-Butylbenzene
Concen: 49.298 ug/l
RT: 11.872 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 322219
Ion Ratio Lower Upper
105 100
134 20.1 10.1 30.1

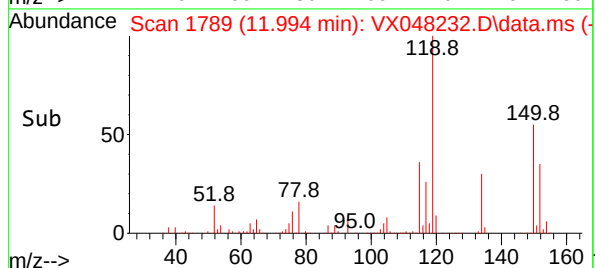
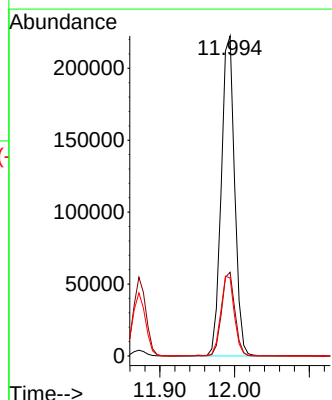
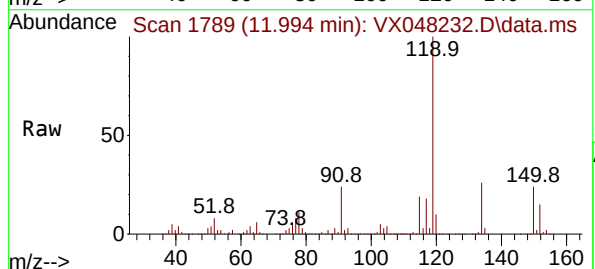
Manual Integrations
APPROVED

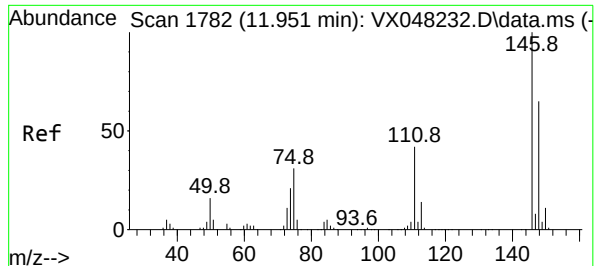
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#86
p-Isopropyltoluene
Concen: 50.246 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:119 Resp: 276821
Ion Ratio Lower Upper
119 100
134 25.9 13.0 39.0
91 25.3 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 47.627 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VX048232.D

Acq: 20 Oct 2025 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 143699

Ion Ratio Lower Upper

146 100

111 42.1 20.4 61.2

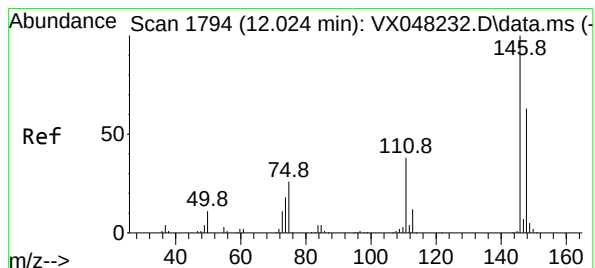
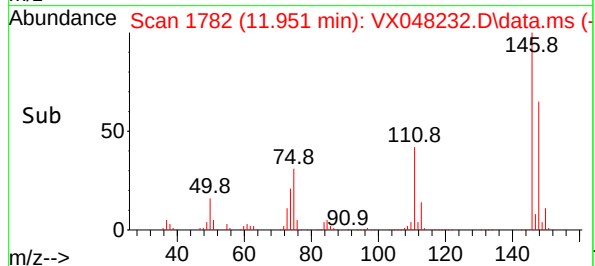
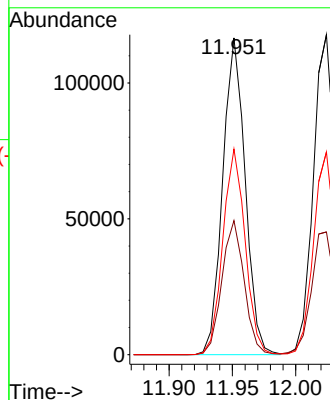
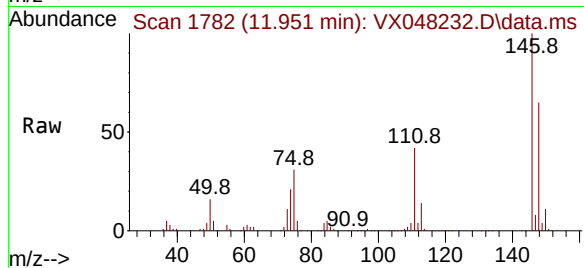
148 64.6 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#88

1,4-Dichlorobenzene

Concen: 46.744 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX048232.D

Acq: 20 Oct 2025 12:01

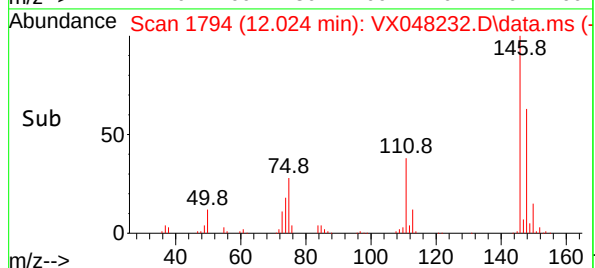
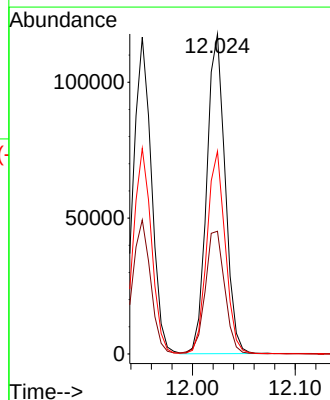
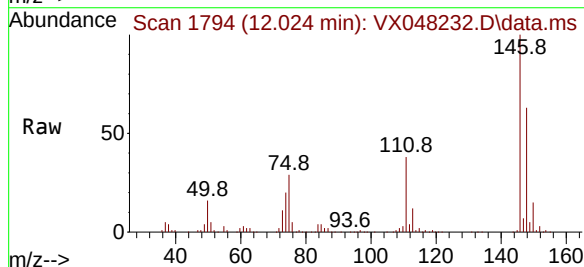
Tgt Ion:146 Resp: 146196

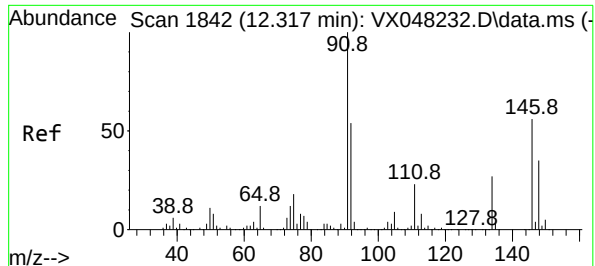
Ion Ratio Lower Upper

146 100

111 40.8 20.1 60.2

148 63.3 31.8 95.3





#89

n-Butylbenzene

Concen: 47.367 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. 0.006 min

Lab File: VX048232.D

Acq: 20 Oct 2025 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 24306

Ion Ratio Lower Upper

91 100

92 54.5 26.9 80.6

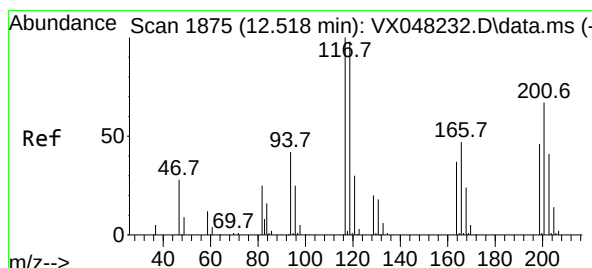
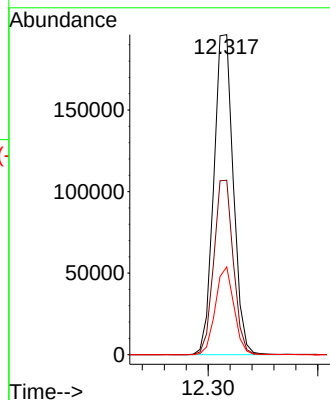
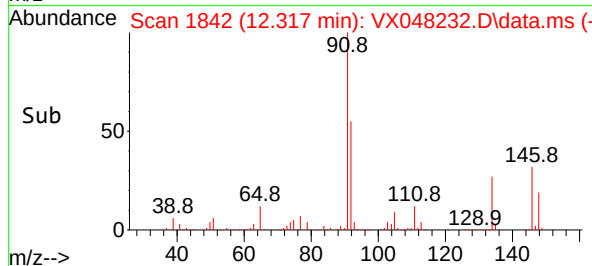
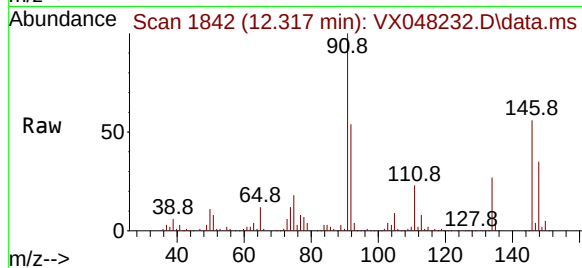
134 26.2 12.7 38.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#90

Hexachloroethane

Concen: 45.350 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VX048232.D

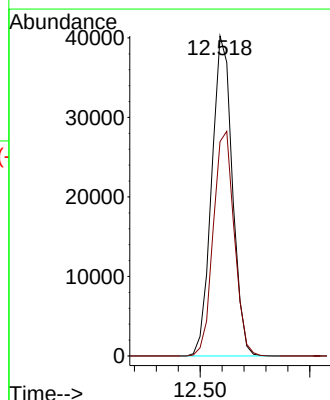
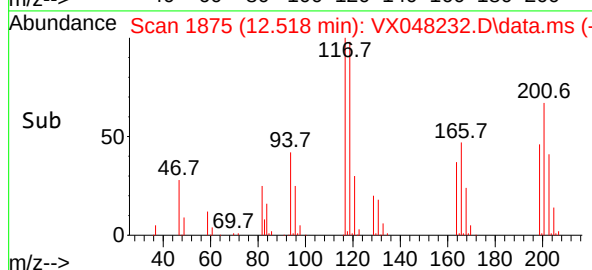
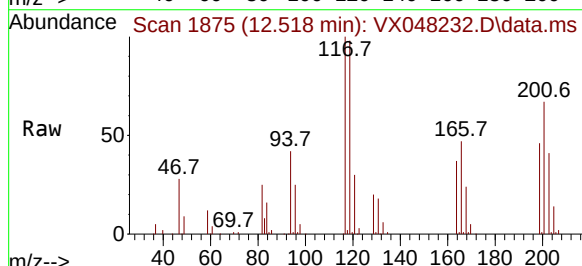
Acq: 20 Oct 2025 12:01

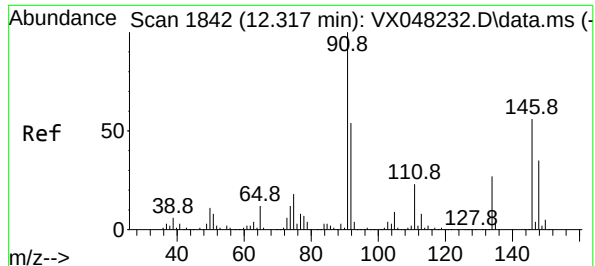
Tgt Ion:117 Resp: 52735

Ion Ratio Lower Upper

117 100

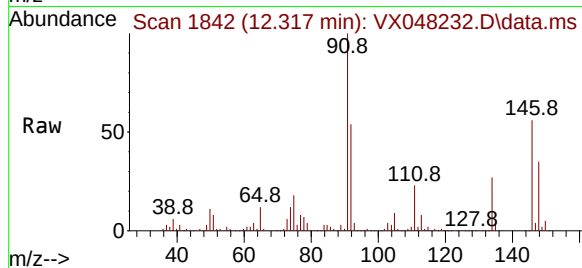
201 71.2 34.1 102.2





#91
1,2-Dichlorobenzene
Concen: 48.582 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

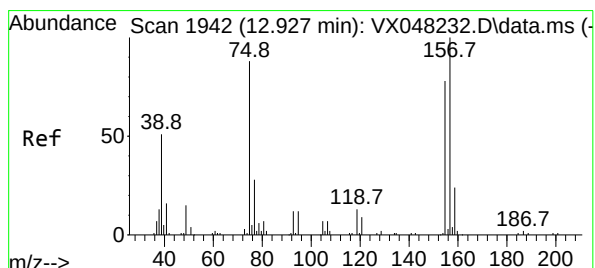
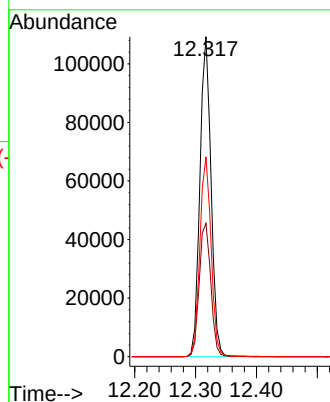
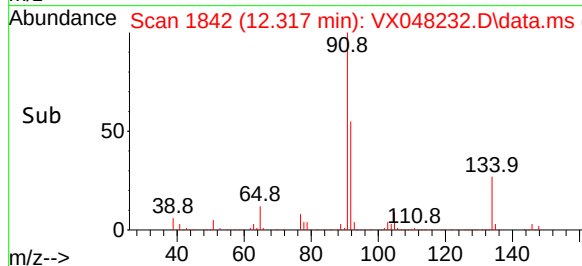
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:146 Resp: 138489
Ion Ratio Lower Upper
146 100
111 43.4 21.9 65.5
148 62.9 31.9 95.5

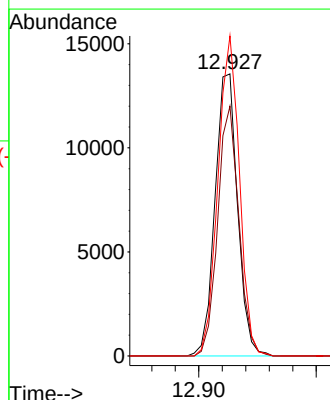
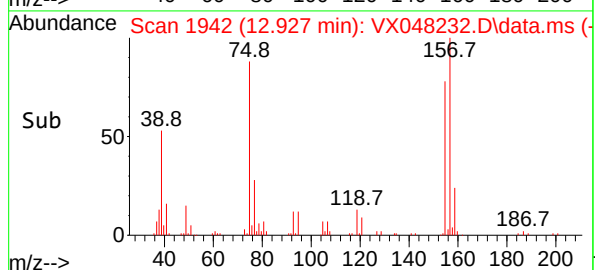
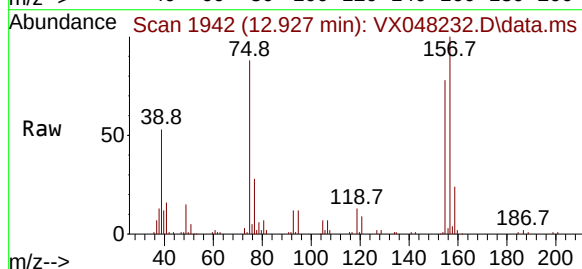
Manual Integrations
APPROVED

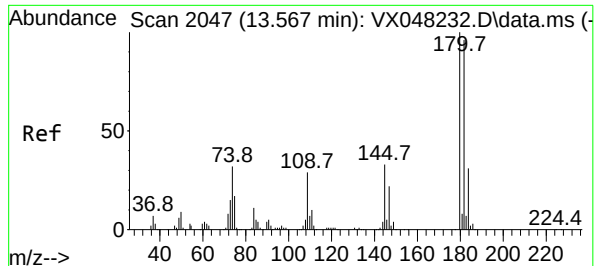
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.111 ug/l
RT: 12.927 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

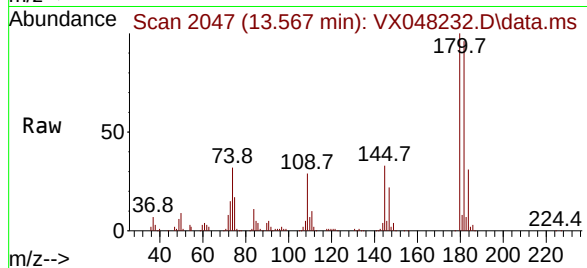
Tgt Ion: 75 Resp: 18059
Ion Ratio Lower Upper
75 100
155 83.5 42.8 128.4
157 108.0 54.2 162.6





#93
1,2,4-Trichlorobenzene
Concen: 52.839 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

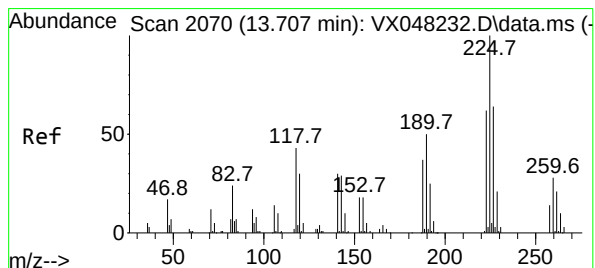
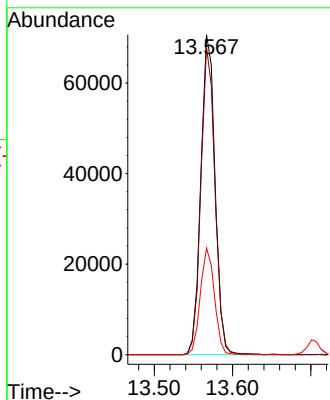
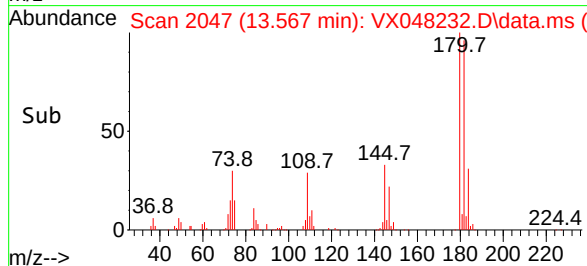
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:180 Resp: 88920
Ion Ratio Lower Upper
180 100
182 95.5 47.3 142.0
145 33.1 16.3 48.9

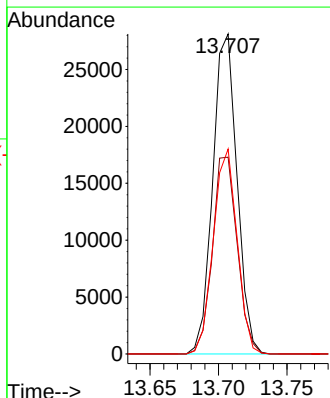
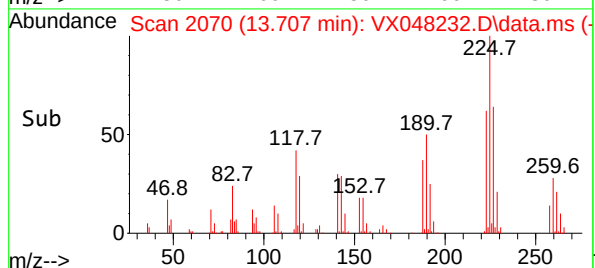
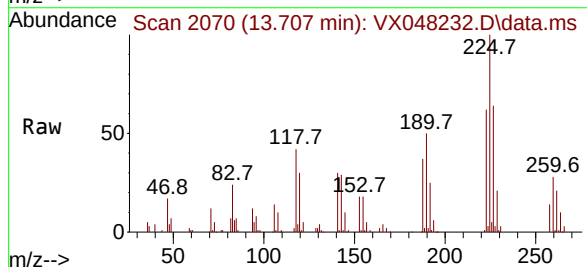
Manual Integrations
APPROVED

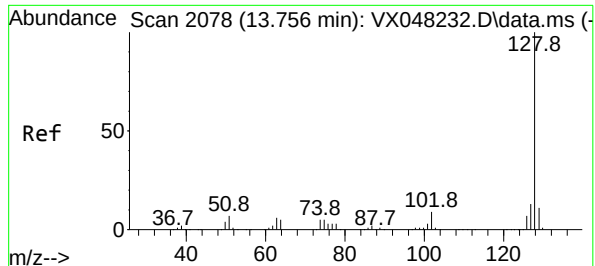
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#94
Hexachlorobutadiene
Concen: 53.334 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:225 Resp: 34615
Ion Ratio Lower Upper
225 100
223 63.0 32.6 97.7
227 62.9 32.5 97.4





#95

Naphthalene

Concen: 57.999 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. 0.000 min

Lab File: VX048232.D

Acq: 20 Oct 2025 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:128 Resp: 25728

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

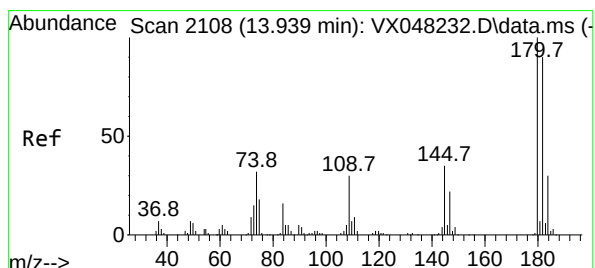
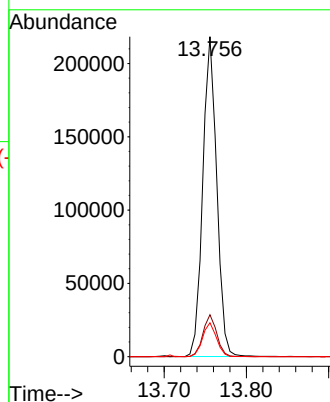
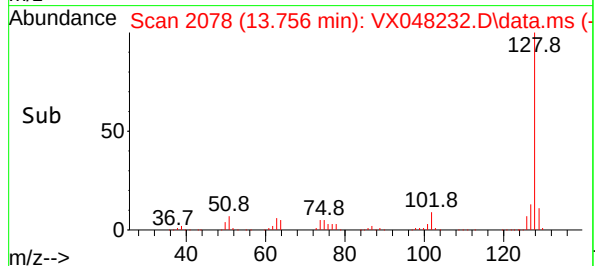
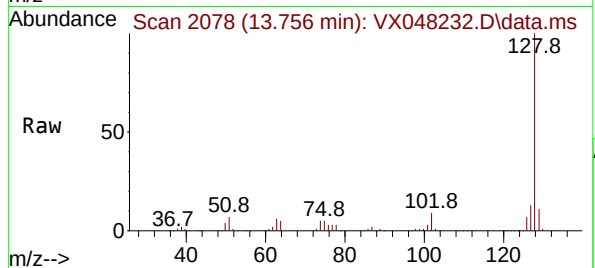
129 10.6 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#96

1,2,3-Trichlorobenzene

Concen: 54.281 ug/l

RT: 13.939 min Scan# 2108

Delta R.T. 0.000 min

Lab File: VX048232.D

Acq: 20 Oct 2025 12:01

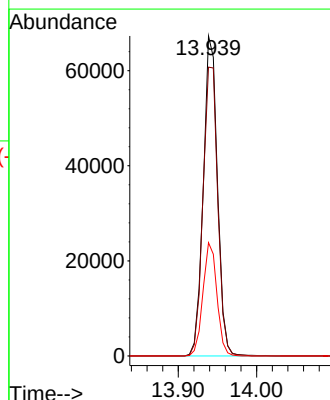
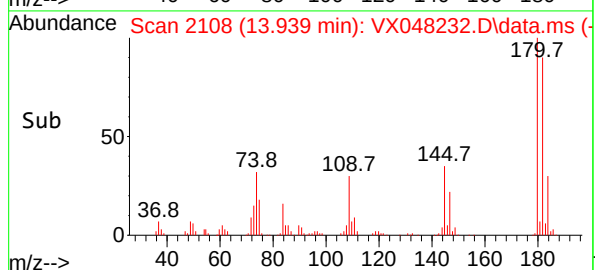
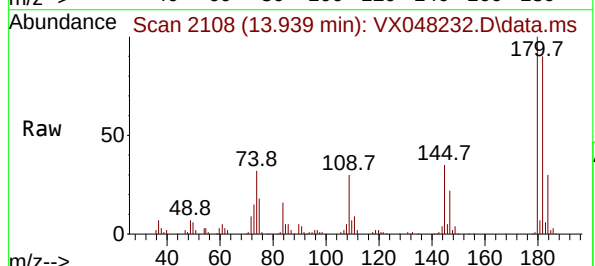
Tgt Ion:180 Resp: 84279

Ion Ratio Lower Upper

180 100

182 94.5 46.6 139.7

145 35.0 16.9 50.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
 Data File : VX048233.D
 Acq On : 20 Oct 2025 12:22
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/21/2025
 Supervised By : Semsettin Yesilyurt 10/21/2025

Quant Time: Oct 20 12:46:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 12:35:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	117551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	187766	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	163588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	80621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	162188	89.060	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 178.120%#			
35) Dibromofluoromethane	5.373	113	129919	99.697	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 199.400%#			
50) Toluene-d8	8.634	98	448948	95.629	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 191.260%#			
62) 4-Bromofluorobenzene	11.061	95	167565	97.996	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 196.000%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	127029	102.960	ug/l	97
3) Chloromethane	1.300	50	111895	74.863	ug/l	100
4) Vinyl Chloride	1.379	62	108564	68.931	ug/l	100
5) Bromomethane	1.605	94	65752	62.780	ug/l	99
6) Chloroethane	1.690	64	66332	66.181	ug/l	92
7) Trichlorofluoromethane	1.892	101	213301	86.283	ug/l	98
8) Diethyl Ether	2.135	74	58302	69.141	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.337	101	136951	98.309	ug/l	96
10) Methyl Iodide	2.452	142	183697	110.092	ug/l	99
11) Tert butyl alcohol	2.952	59	78284	647.864	ug/l	99
12) 1,1-Dichloroethene	2.324	96	131152	96.282	ug/l	93
13) Acrolein	2.239	56	87244	343.554	ug/l	100
14) Allyl chloride	2.666	41	214290	87.456	ug/l	98
15) Acrylonitrile	3.056	53	298022	514.707	ug/l	100
16) Acetone	2.373	43	260058	418.616	ug/l	99
17) Carbon Disulfide	2.513	76	380127	90.700	ug/l	99
18) Methyl Acetate	2.702	43	120920	95.565	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	427254	104.130	ug/l	97
20) Methylene Chloride	2.788	84	140317	92.718	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	139080	98.694	ug/l	96
22) Diisopropyl ether	3.751	45	420126	87.566	ug/l	89
23) Vinyl Acetate	3.714	43	1723170	480.325	ug/l	96
24) 1,1-Dichloroethane	3.605	63	248141	91.164	ug/l	99
25) 2-Butanone	4.543	43	353741	488.753	ug/l	98
26) 2,2-Dichloropropane	4.470	77	228643	98.275	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	163444	97.727	ug/l	98
28) Bromochloromethane	4.885	49	108536	86.505	ug/l	86
29) Tetrahydrofuran	4.989	42	216543	509.471	ug/l	93
30) Chloroform	5.080	83	264966	92.461	ug/l	98
31) Cyclohexane	5.464	56	217717	97.754	ug/l	91
32) 1,1,1-Trichloroethane	5.373	97	248018	105.334	ug/l	98
36) 1,1-Dichloropropene	5.684	75	183932	100.194	ug/l	99
37) Ethyl Acetate	4.702	43	153844	104.863	ug/l	99
38) Carbon Tetrachloride	5.665	117	226976	107.719	ug/l	99
39) Methylcyclohexane	7.366	83	235208	113.637	ug/l	95
40) Benzene	6.025	78	535407	98.221	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
 Data File : VX048233.D
 Acq On : 20 Oct 2025 12:22
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/21/2025
 Supervised By : Semsettin Yesilyurt 10/21/2025

Quant Time: Oct 20 12:46:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 12:35:14 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.909	41	83790	106.641	ug/l	97
42) 1,2-Dichloroethane	6.074	62	198348	101.562	ug/l	99
43) Isopropyl Acetate	6.324	43	256067	103.976	ug/l	95
44) Trichloroethene	7.110	130	142779	103.931	ug/l	99
45) 1,2-Dichloropropane	7.415	63	130188	94.368	ug/l	96
46) Dibromomethane	7.567	93	98105	98.835	ug/l	94
47) Bromodichloromethane	7.805	83	215302	100.358	ug/l	99
48) Methyl methacrylate	7.677	41	131454	104.272	ug/l	95
49) 1,4-Dioxane	7.647	88	35972	3169.845	ug/l	89
51) 4-Methyl-2-Pentanone	8.561	43	720980	526.103	ug/l	94
52) Toluene	8.701	92	341597	104.263	ug/l	99
53) t-1,3-Dichloropropene	8.963	75	215736	107.341	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	231037	105.465	ug/l	94
55) 1,1,2-Trichloroethane	9.134	97	124910	102.180	ug/l	98
56) Ethyl methacrylate	9.104	69	196699	118.305	ug/l	94
57) 1,3-Dichloropropane	9.293	76	214853	100.598	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	505448	592.044	ug/l	96
59) 2-Hexanone	9.415	43	509398	531.416	ug/l	95
60) Dibromochloromethane	9.506	129	166167	108.598	ug/l	100
61) 1,2-Dibromoethane	9.591	107	134662	107.431	ug/l	97
64) Tetrachloroethene	9.256	164	121163	105.633	ug/l	97
65) Chlorobenzene	10.061	112	375532	104.990	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	140599	109.080	ug/l	97
67) Ethyl Benzene	10.177	91	656925	107.128	ug/l	98
68) m/p-Xylenes	10.286	106	490879	214.875	ug/l	100
69) o-Xylene	10.622	106	236648	110.042	ug/l	100
70) Styrene	10.640	104	407916	110.197	ug/l	99
71) Bromoform	10.780	173	109613	115.806	ug/l #	98
73) Isopropylbenzene	10.945	105	624767	111.418	ug/l	99
74) N-amyl acetate	10.829	43	228080	109.030	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.195	83	164207	103.367	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	130599m	106.083	ug/l	
77) Bromobenzene	11.183	156	153619	109.475	ug/l	93
78) n-propylbenzene	11.286	91	732684	107.747	ug/l	98
79) 2-Chlorotoluene	11.347	91	434217	105.691	ug/l	100
80) 1,3,5-Trimethylbenzene	11.432	105	519549	112.876	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	59059	117.466	ug/l	98
82) 4-Chlorotoluene	11.439	91	506861	104.983	ug/l	98
83) tert-Butylbenzene	11.695	119	529264	113.817	ug/l	98
84) 1,2,4-Trimethylbenzene	11.731	105	523474	114.214	ug/l	99
85) sec-Butylbenzene	11.871	105	639904	112.562	ug/l	100
86) p-Isopropyltoluene	11.987	119	548119	114.386	ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	281617	107.314	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	277908	102.163	ug/l	98
89) n-Butylbenzene	12.316	91	495486	111.016	ug/l	99
90) Hexachloroethane	12.518	117	107057	105.851	ug/l	93
91) 1,2-Dichlorobenzene	12.316	146	261022	105.277	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	36087	124.320	ug/l	97
93) 1,2,4-Trichlorobenzene	13.566	180	179562	122.679	ug/l	100
94) Hexachlorobutadiene	13.706	225	68645	121.605	ug/l	98
95) Naphthalene	13.755	128	511355	132.536	ug/l	99
96) 1,2,3-Trichlorobenzene	13.944	180	169248	125.328	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048233.D
Acq On : 20 Oct 2025 12:22
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

Quant Time: Oct 20 12:46:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 12:35:14 2025
Response via : Initial Calibration

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

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

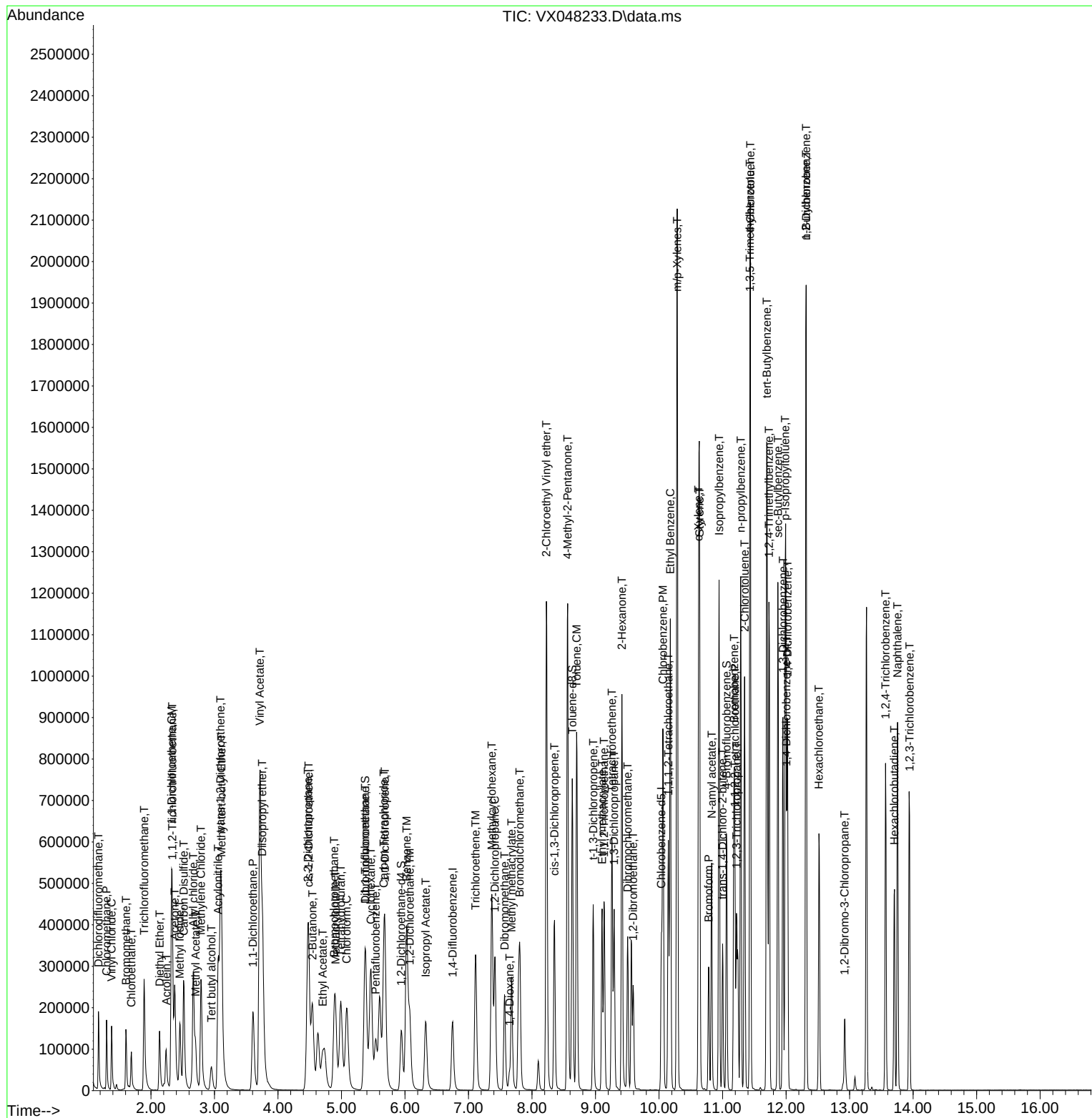
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
 Data File : VX048233.D
 Acq On : 20 Oct 2025 12:22
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

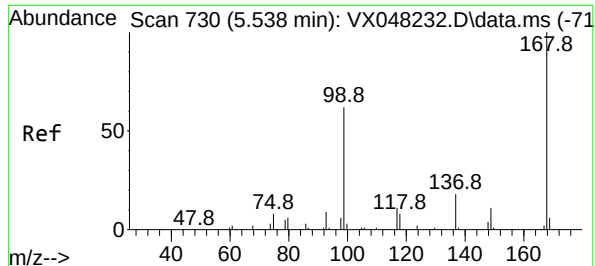
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations APPROVED

Reviewed By : John Carlone 10/21/2025
 Supervised By : Semsettin Yesilyurt 10/21/2025

Quant Time: Oct 20 12:46:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 12:35:14 2025
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.537 min Scan# 71

Delta R.T. -0.007 min

Lab File: VX048233.D

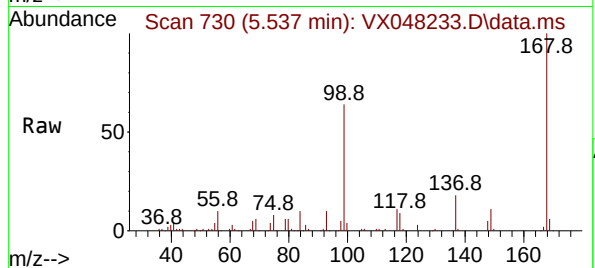
Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100



Tgt Ion:168 Resp: 11755

Ion Ratio Lower Upper

168 100

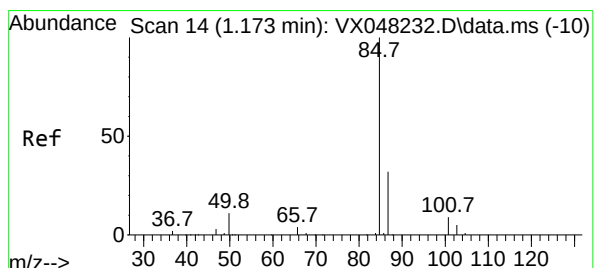
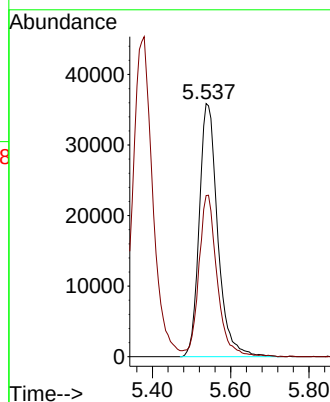
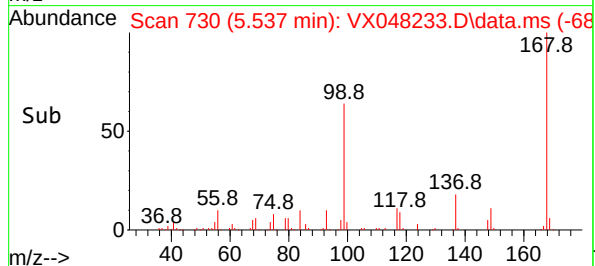
99 63.4 46.4 69.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#2

Dichlorodifluoromethane

Concen: 102.960 ug/l

RT: 1.172 min Scan# 14

Delta R.T. -0.000 min

Lab File: VX048233.D

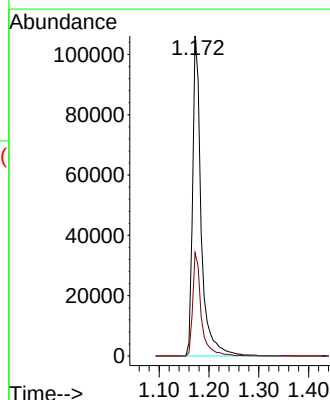
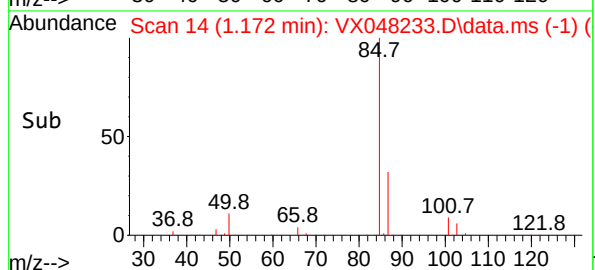
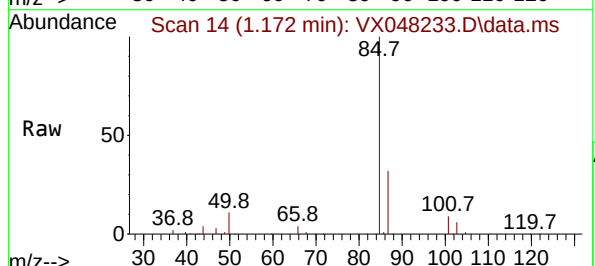
Acq: 20 Oct 2025 12:22

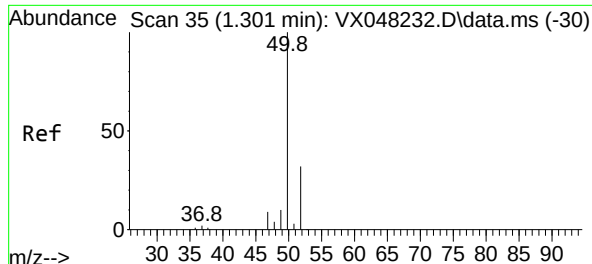
Tgt Ion: 85 Resp: 127029

Ion Ratio Lower Upper

85 100

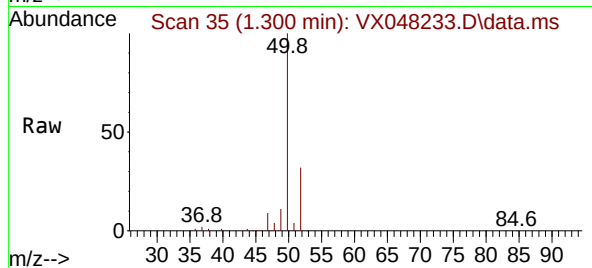
87 32.3 15.3 45.9





#3
Chloromethane
Concen: 74.863 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

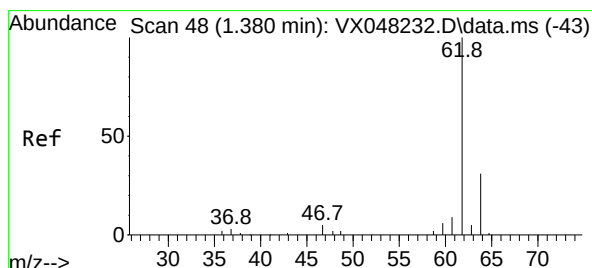
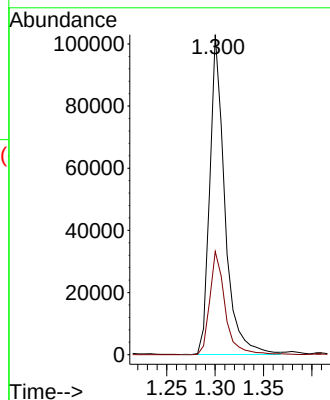
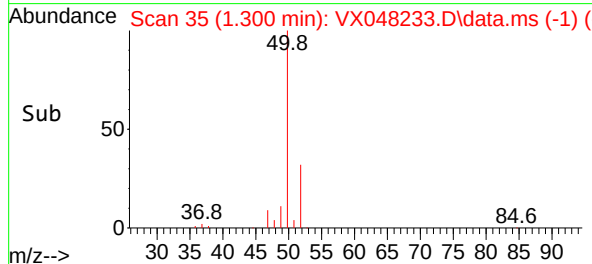
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 50 Resp: 11189
Ion Ratio Lower Upper
50 100
52 32.2 25.9 38.9

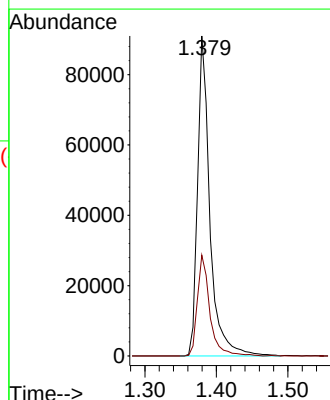
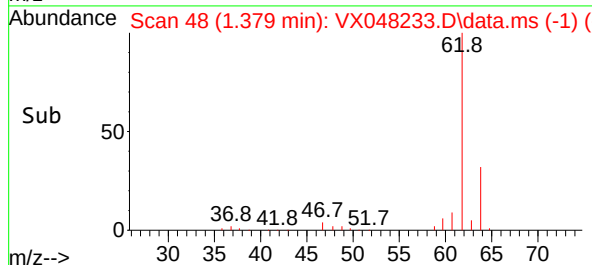
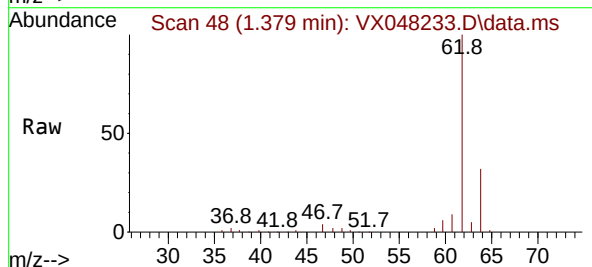
Manual Integrations
APPROVED

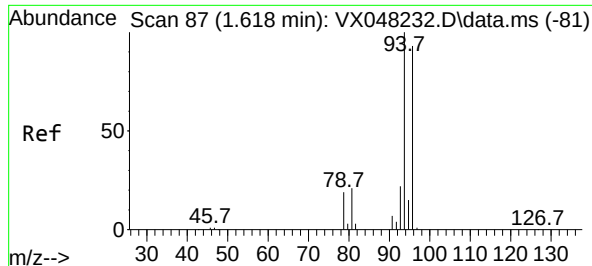
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#4
Vinyl Chloride
Concen: 68.931 ug/l
RT: 1.379 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 62 Resp: 108564
Ion Ratio Lower Upper
62 100
64 31.5 25.1 37.7





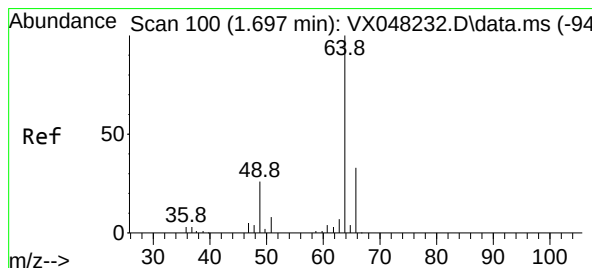
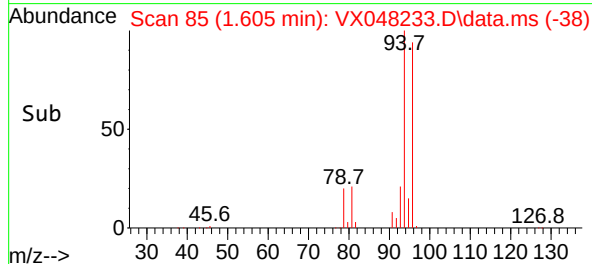
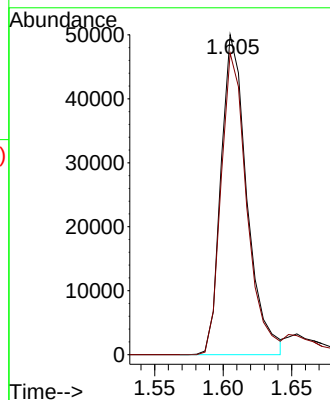
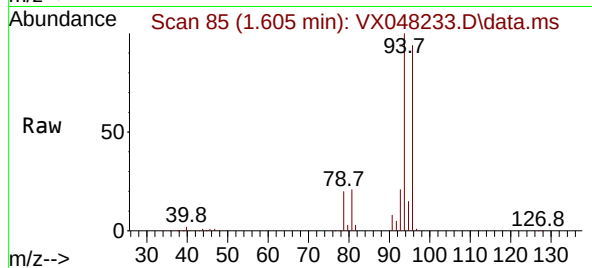
#5
Bromomethane
Concen: 62.780 ug/l
RT: 1.605 min Scan# 81
Delta R.T. -0.013 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 94 Resp: 65752
Ion Ratio Lower Upper
94 100
96 94.3 76.0 114.0

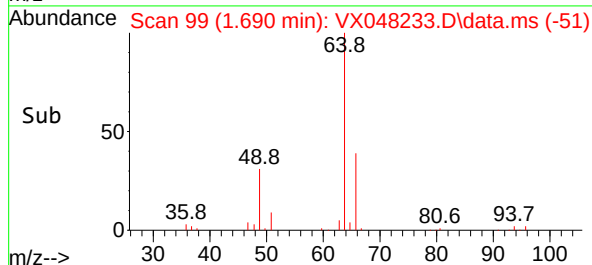
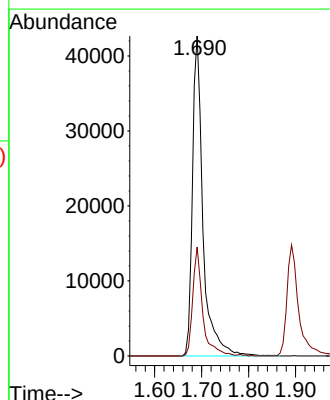
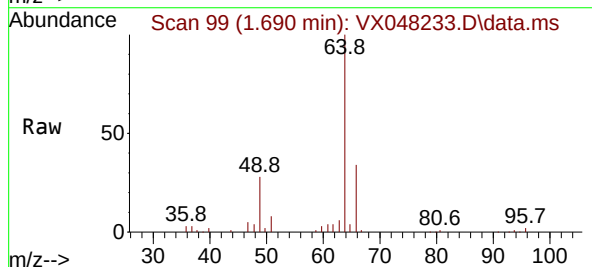
Manual Integrations
APPROVED

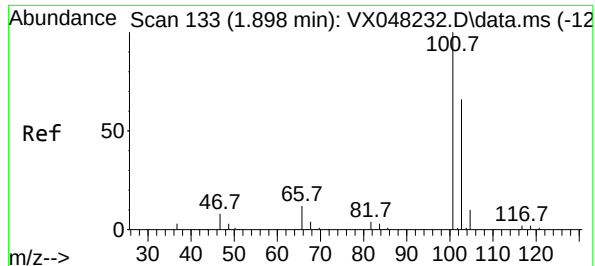
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#6
Chloroethane
Concen: 66.181 ug/l
RT: 1.690 min Scan# 99
Delta R.T. -0.007 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

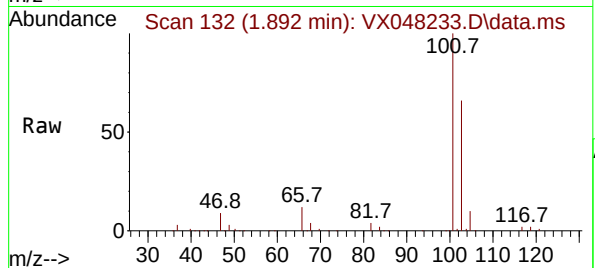
Tgt Ion: 64 Resp: 66332
Ion Ratio Lower Upper
64 100
66 34.0 23.9 35.9





#7
Trichlorofluoromethane
Concen: 86.283 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.007 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

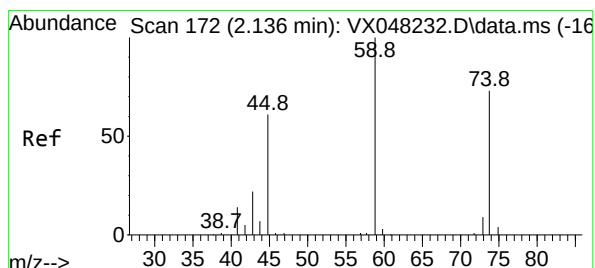
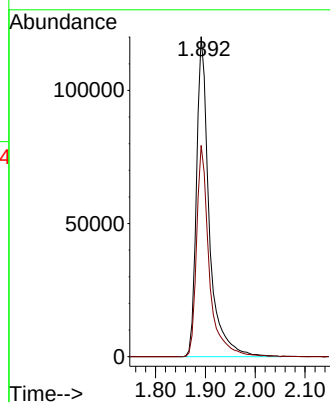
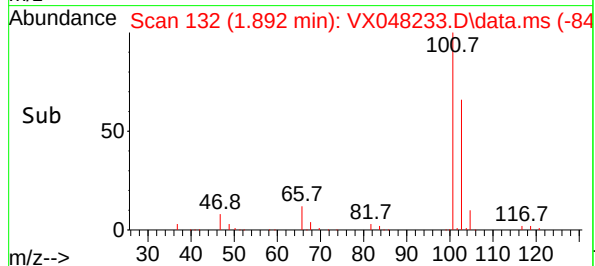
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:101 Resp: 21330
Ion Ratio Lower Upper
101 100
103 66.0 51.6 77.4

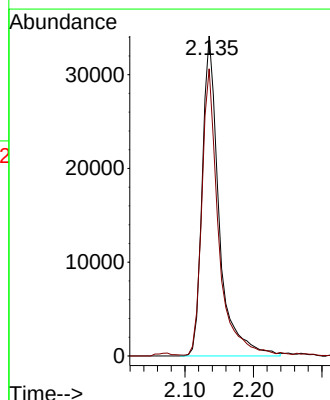
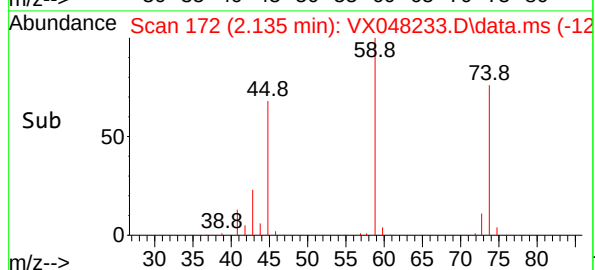
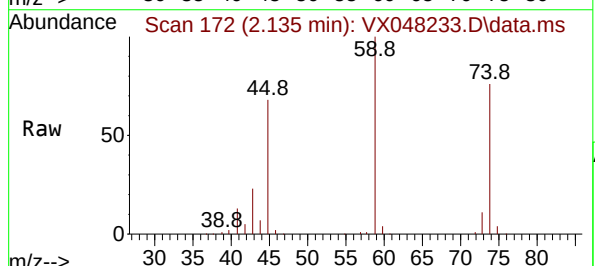
Manual Integrations
APPROVED

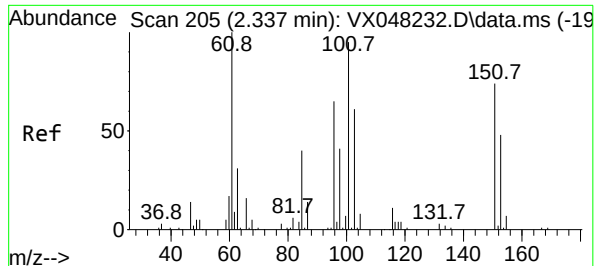
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#8
Diethyl Ether
Concen: 69.141 ug/l
RT: 2.135 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

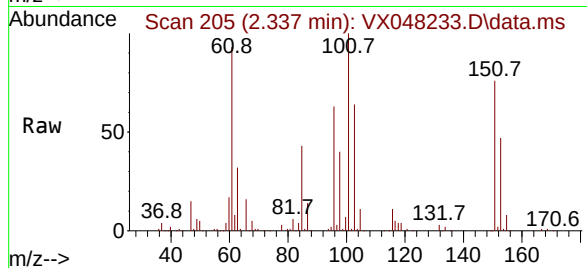
Tgt Ion: 74 Resp: 58302
Ion Ratio Lower Upper
74 100
45 88.0 50.0 149.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 98.309 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

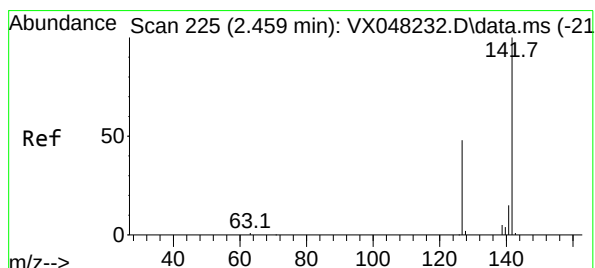
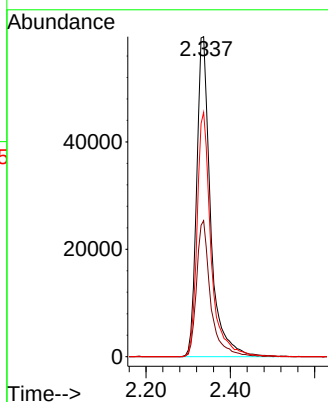
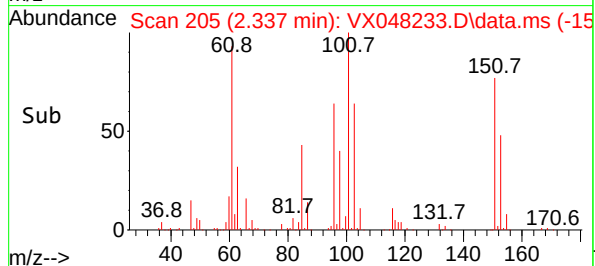
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:101 Resp: 13695
Ion Ratio Lower Upper
101 100
85 42.9 35.6 53.4
151 76.5 58.0 87.0

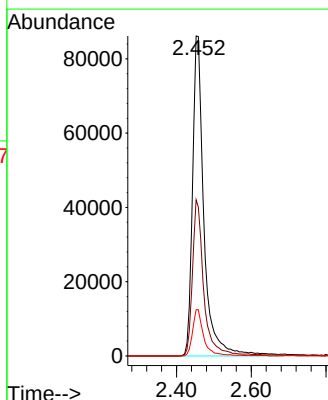
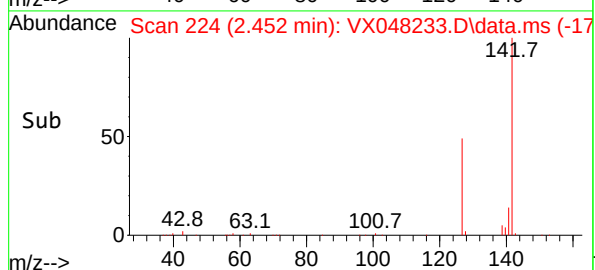
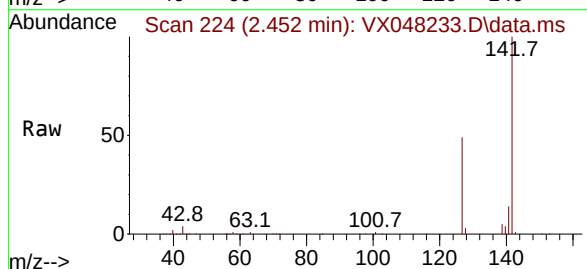
Manual Integrations
APPROVED

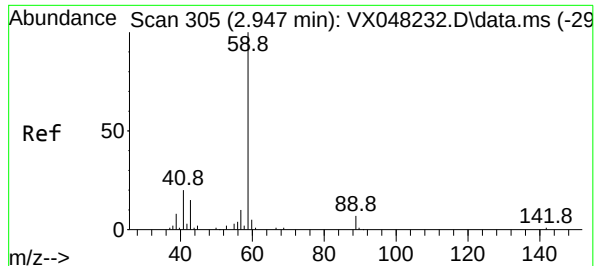
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#10
Methyl Iodide
Concen: 110.092 ug/l
RT: 2.452 min Scan# 224
Delta R.T. -0.007 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:142 Resp: 183697
Ion Ratio Lower Upper
142 100
127 47.6 38.5 57.7
141 14.1 11.6 17.4





#11

Tert butyl alcohol

Concen: 647.864 ug/l

RT: 2.952 min Scan# 305

Delta R.T. 0.012 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 59 Resp: 78284

Ion Ratio Lower Upper

59 100

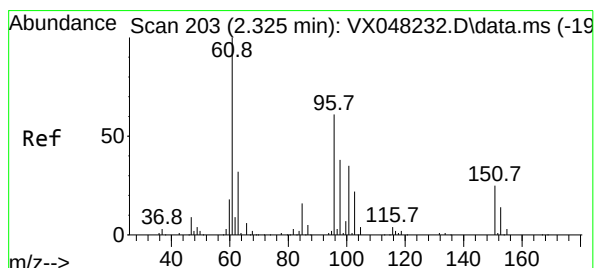
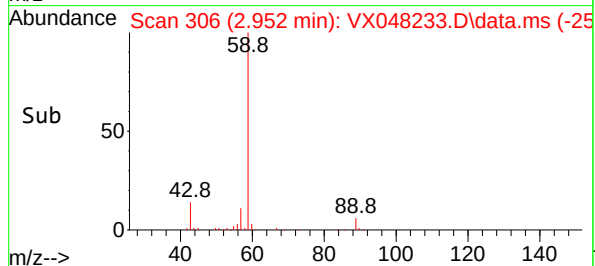
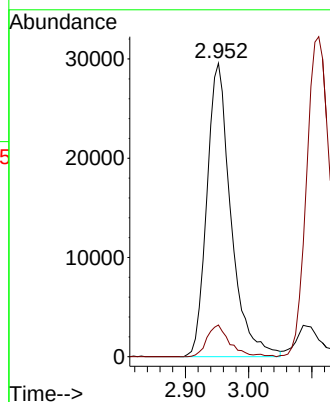
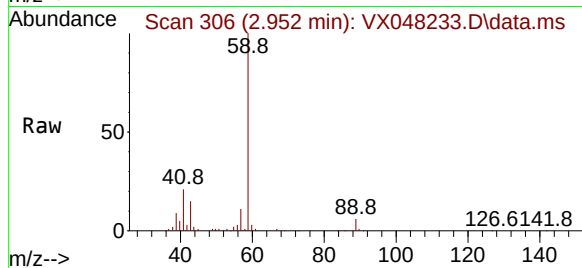
57 9.9 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#12

1,1-Dichloroethene

Concen: 96.282 ug/l

RT: 2.324 min Scan# 203

Delta R.T. -0.000 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

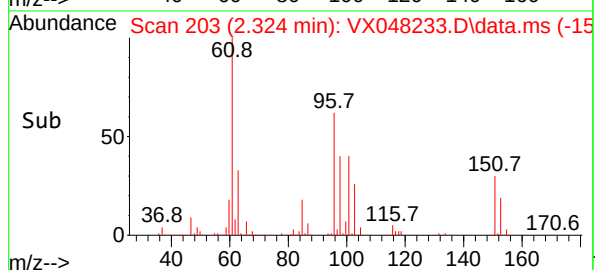
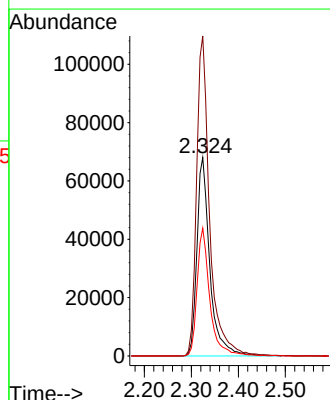
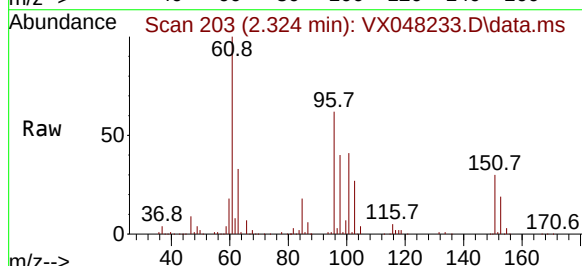
Tgt Ion: 96 Resp: 131152

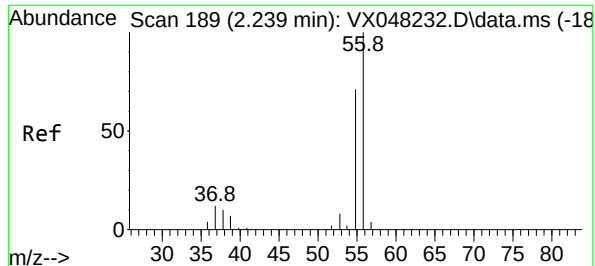
Ion Ratio Lower Upper

96 100

61 161.2 139.0 208.6

98 64.4 52.4 78.6





#13

Acrolein

Concen: 343.554 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.006 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 56 Resp: 87244

Ion Ratio Lower Upper

56 100

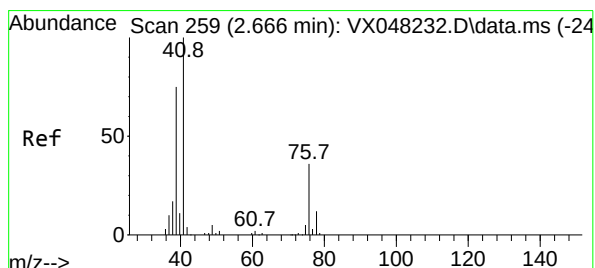
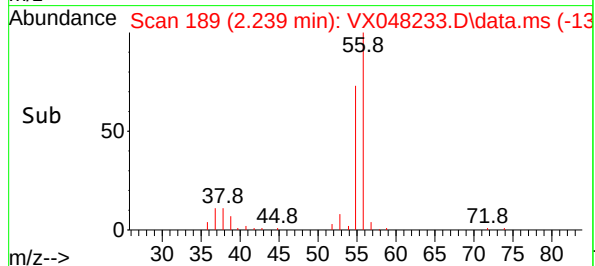
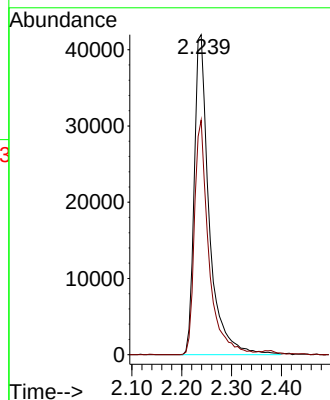
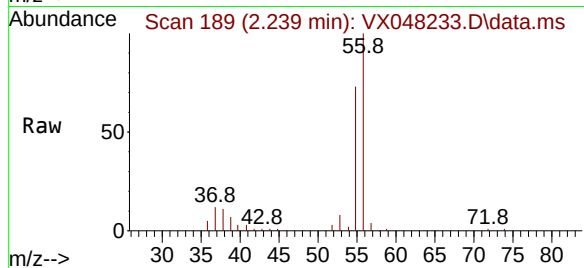
55 70.2 56.1 84.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#14

Allyl chloride

Concen: 87.456 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.000 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

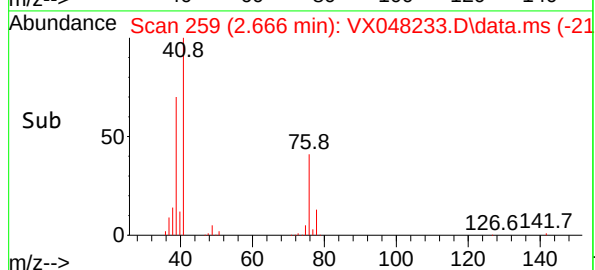
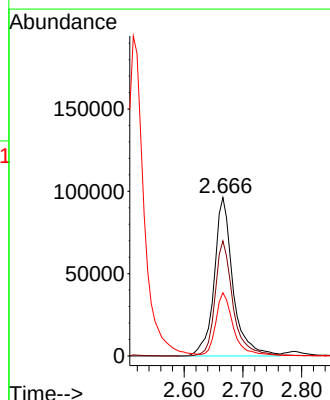
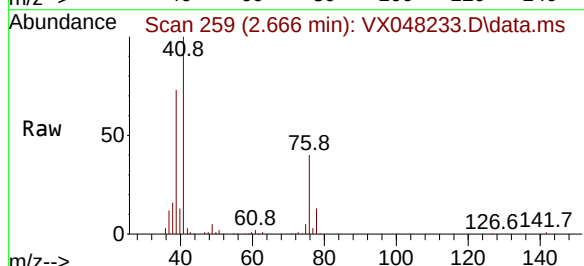
Tgt Ion: 41 Resp: 214290

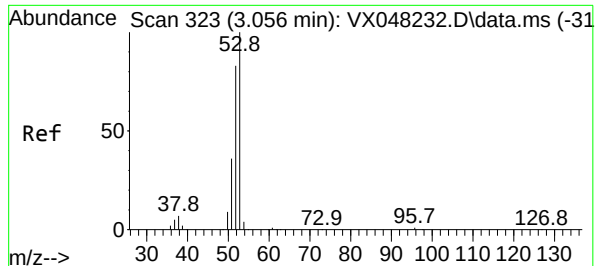
Ion Ratio Lower Upper

41 100

39 69.5 56.0 84.0

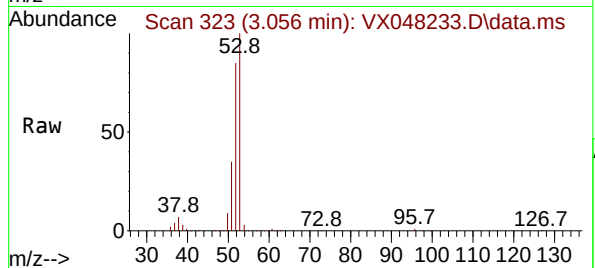
76 37.6 27.5 41.3





#15
Acrylonitrile
Concen: 514.707 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

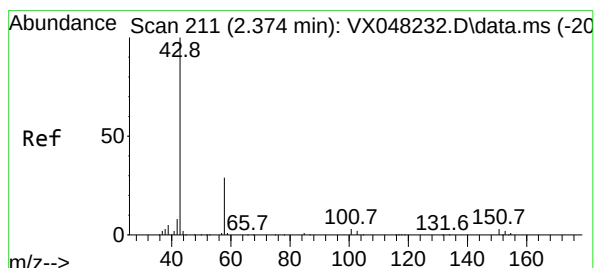
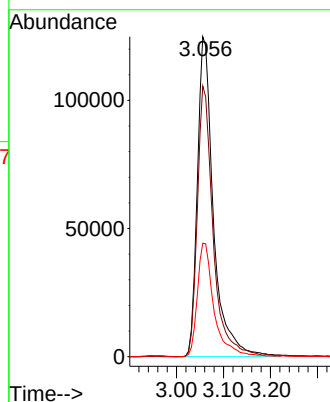
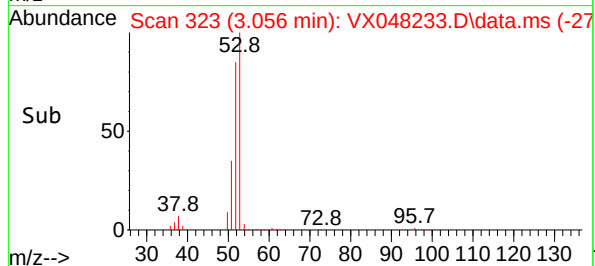
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 53 Resp: 29802
Ion Ratio Lower Upper
53 100
52 82.7 66.1 99.1
51 37.0 29.0 43.4

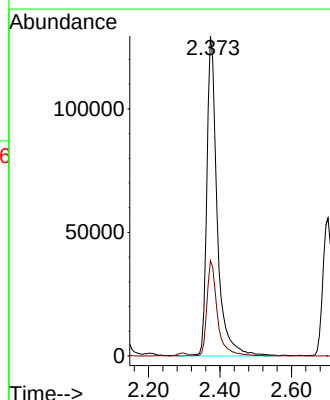
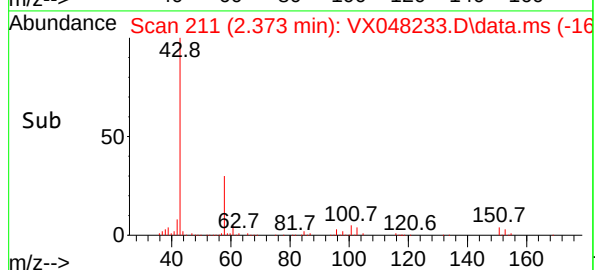
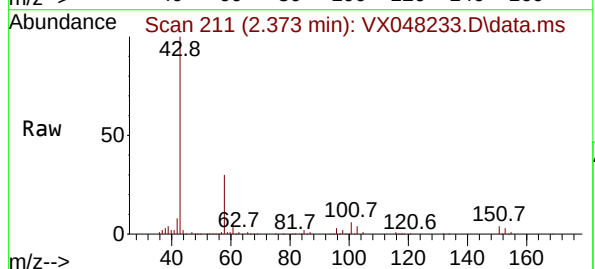
Manual Integrations
APPROVED

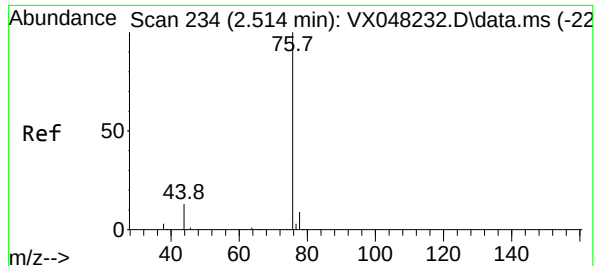
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#16
Acetone
Concen: 418.616 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 43 Resp: 260058
Ion Ratio Lower Upper
43 100
58 29.8 23.4 35.2





#17

Carbon Disulfide

Concen: 90.700 ug/l

RT: 2.513 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX048233.D

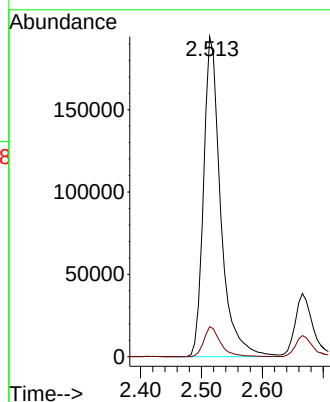
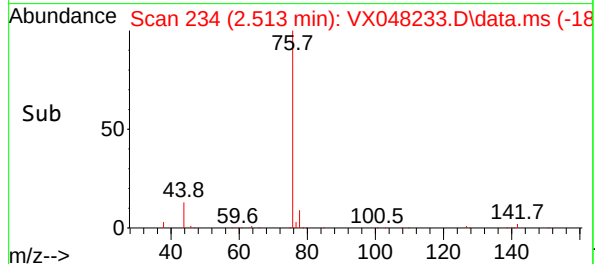
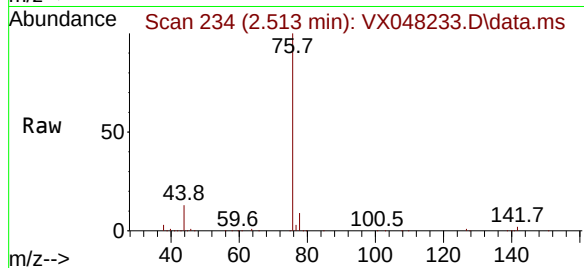
Acq: 20 Oct 2025 12:22

Tgt Ion: 76 Resp: 38012

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7



Instrument :

MSVOA_X

ClientSampleId :

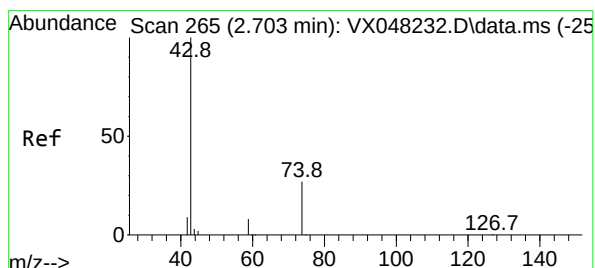
VSTDICC100

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#18

Methyl Acetate

Concen: 95.565 ug/l

RT: 2.702 min Scan# 265

Delta R.T. 0.006 min

Lab File: VX048233.D

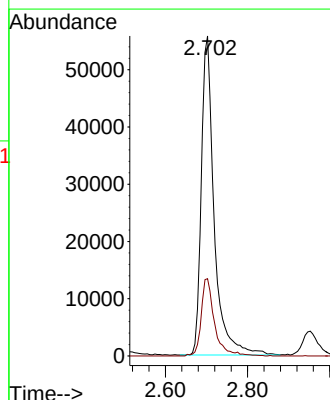
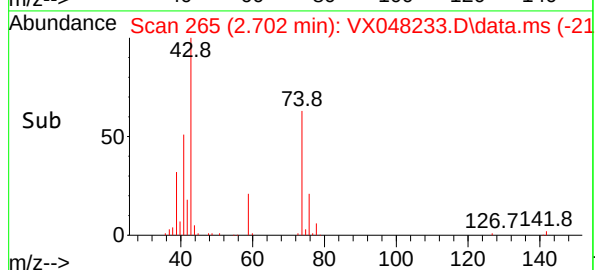
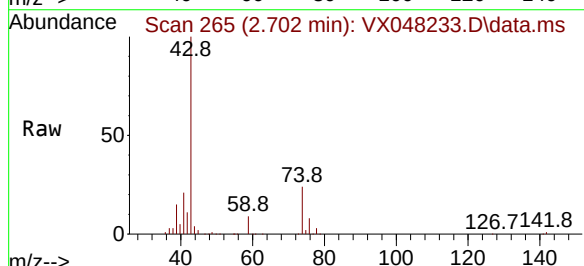
Acq: 20 Oct 2025 12:22

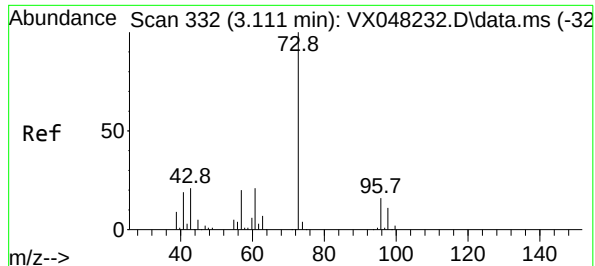
Tgt Ion: 43 Resp: 120920

Ion Ratio Lower Upper

43 100

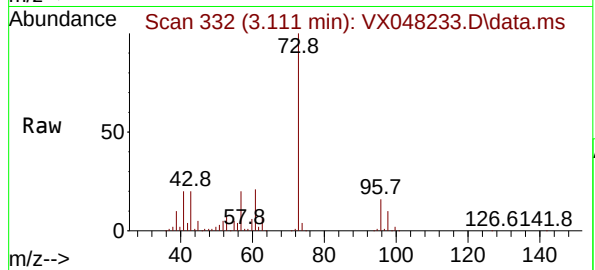
74 25.0 17.5 26.3





#19
Methyl tert-butyl Ether
Concen: 104.130 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

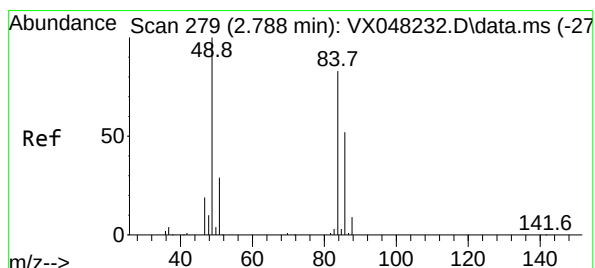
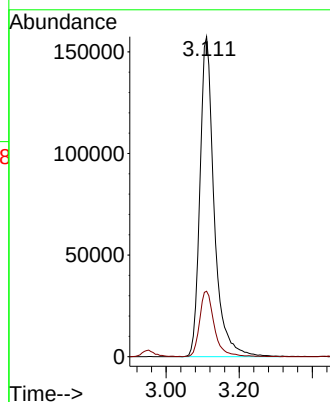
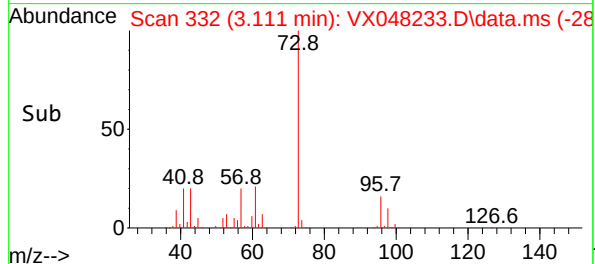
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 73 Resp: 427254
Ion Ratio Lower Upper
73 100
57 20.5 17.7 26.5

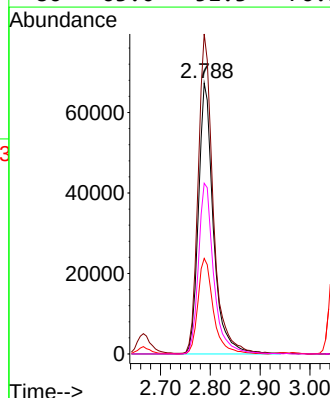
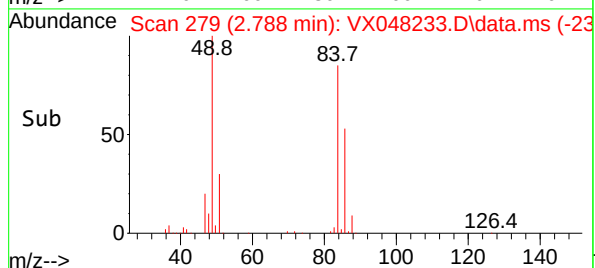
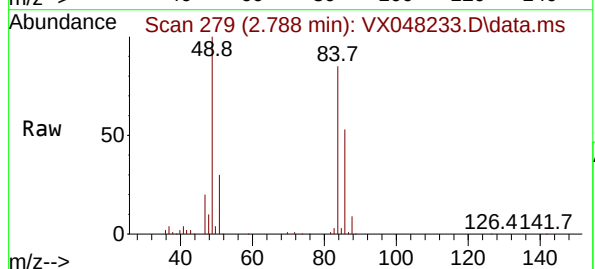
Manual Integrations
APPROVED

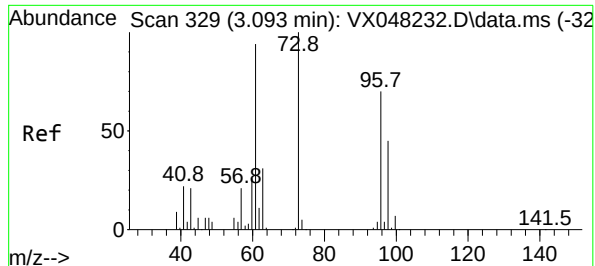
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#20
Methylene Chloride
Concen: 92.718 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

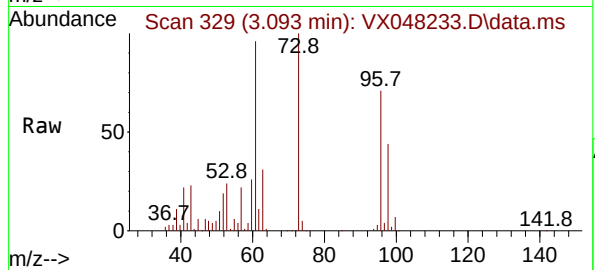
Tgt Ion: 84 Resp: 140317
Ion Ratio Lower Upper
84 100
49 117.9 104.1 156.1
51 35.3 31.3 46.9
86 63.0 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 98.694 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

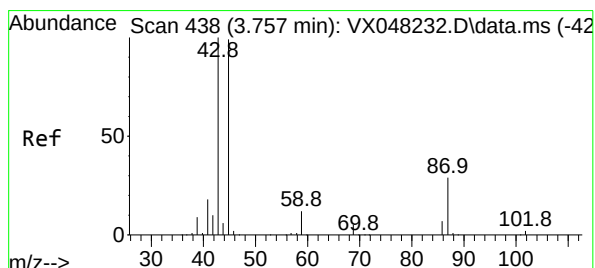
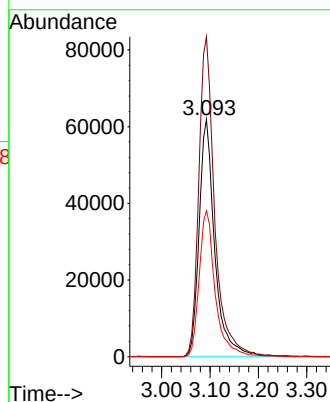
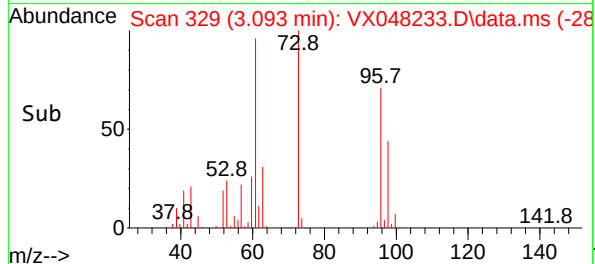
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 96 Resp: 139080
Ion Ratio Lower Upper
96 100
61 134.9 111.9 167.9
98 61.5 51.2 76.8

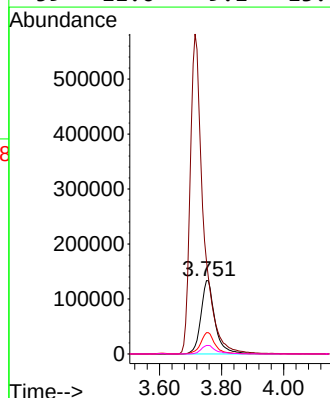
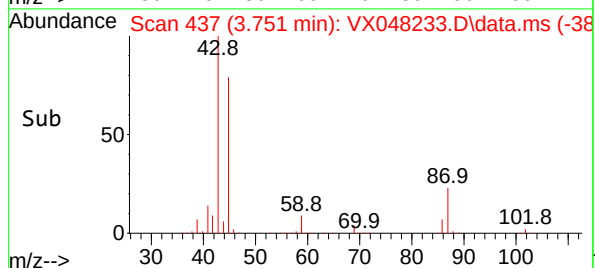
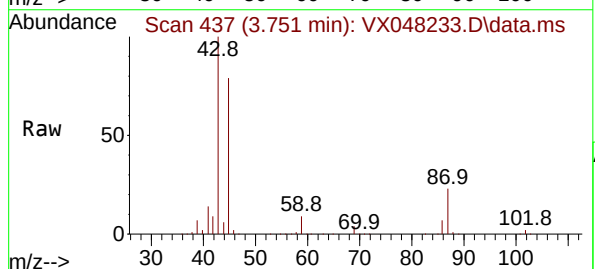
Manual Integrations
APPROVED

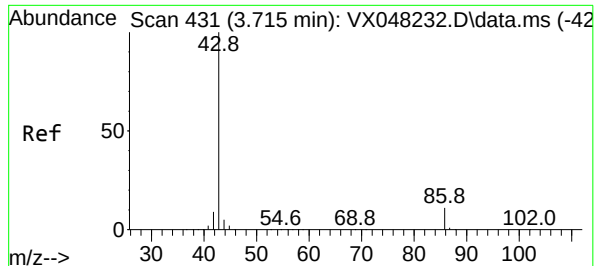
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#22
Diisopropyl ether
Concen: 87.566 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 45 Resp: 420126
Ion Ratio Lower Upper
45 100
43 126.6 89.8 134.8
87 29.0 20.6 31.0
59 11.6 9.1 13.7





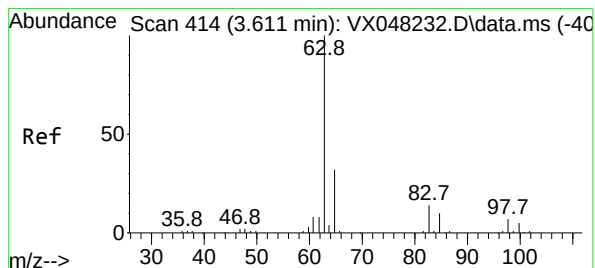
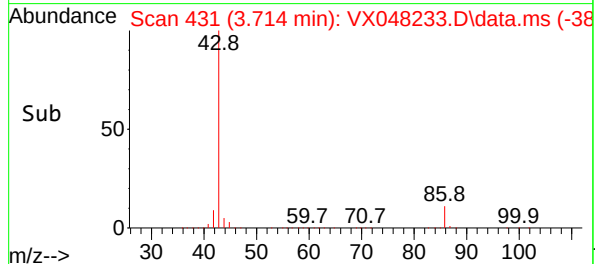
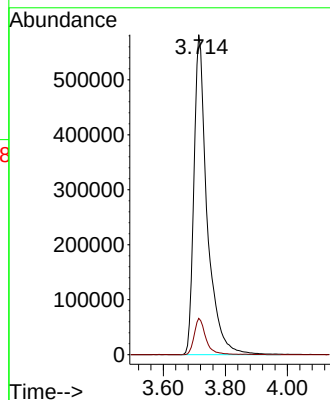
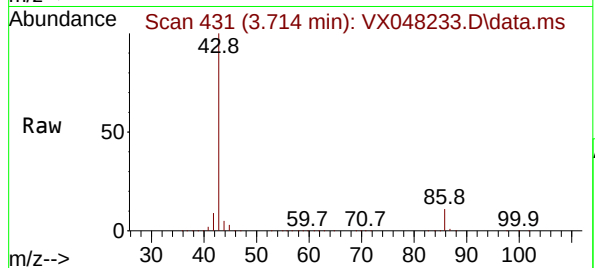
#23
Vinyl Acetate
Concen: 480.325 ug/l
RT: 3.714 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 1723170
Ion Ratio Lower Upper
43 100
86 11.3 7.9 11.9

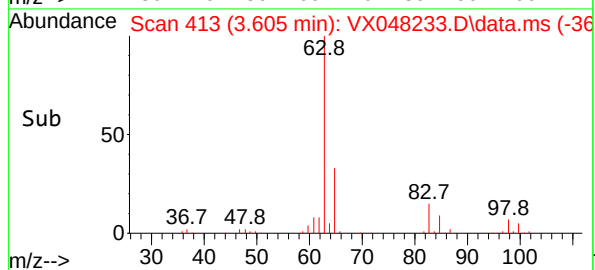
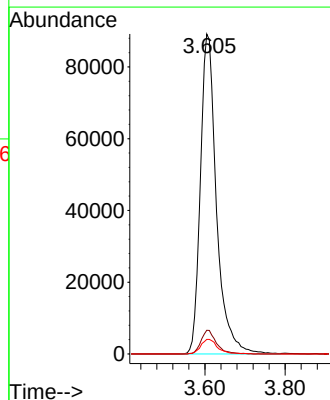
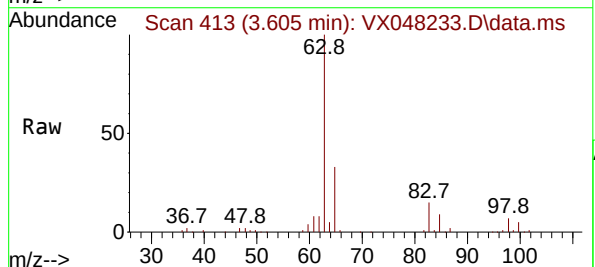
Manual Integrations
APPROVED

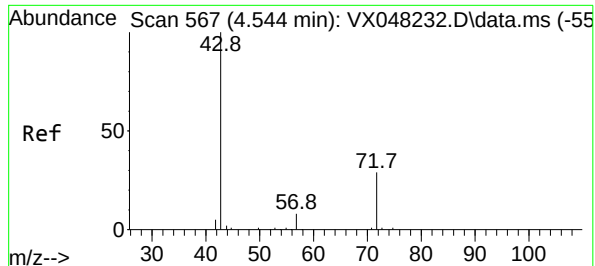
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#24
1,1-Dichloroethane
Concen: 91.164 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 63 Resp: 248141
Ion Ratio Lower Upper
63 100
98 7.4 3.5 10.6
100 4.6 2.1 6.3





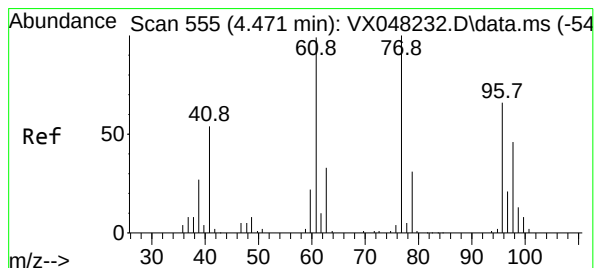
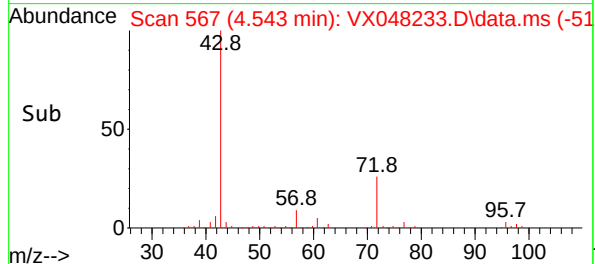
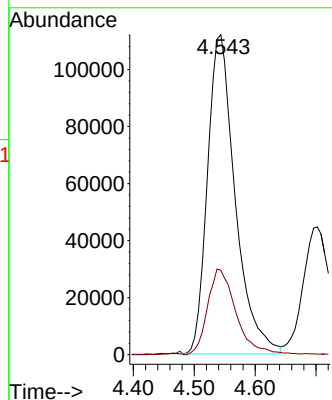
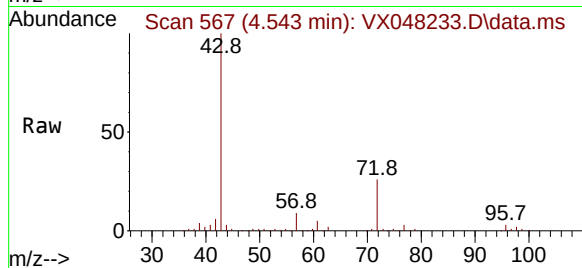
#25
2-Butanone
Concen: 488.753 ug/l
RT: 4.543 min Scan# 567
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 35374
Ion Ratio Lower Upper
43 100
72 25.8 19.9 29.9

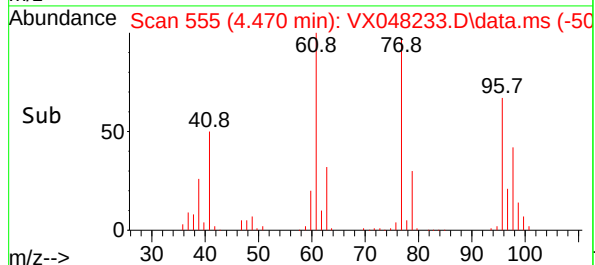
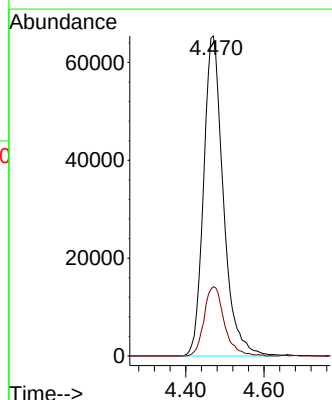
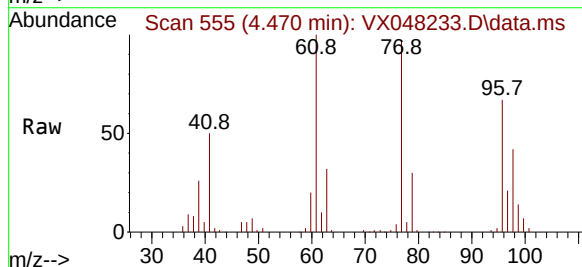
Manual Integrations
APPROVED

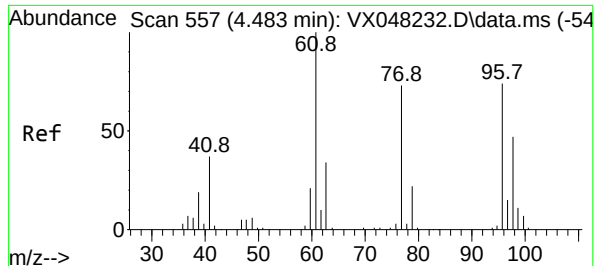
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#26
2,2-Dichloropropane
Concen: 98.275 ug/l
RT: 4.470 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 77 Resp: 228643
Ion Ratio Lower Upper
77 100
97 22.2 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 97.727 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 96 Resp: 16344

Ion Ratio Lower Upper

96 100

61 143.1 0.0 294.2

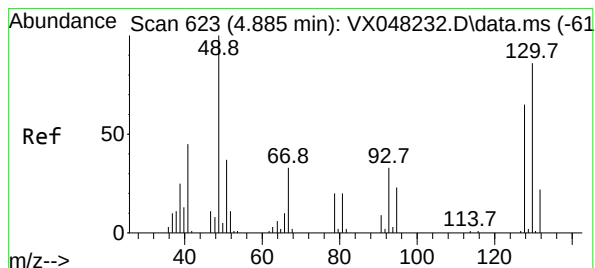
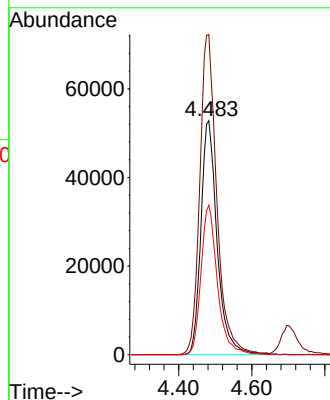
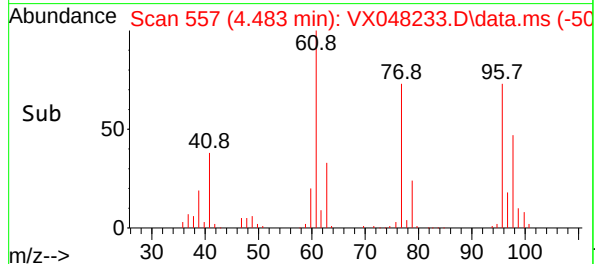
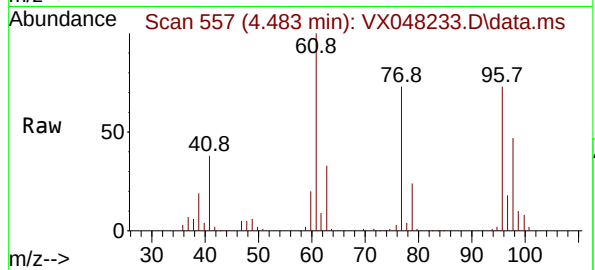
98 64.3 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#28

Bromochloromethane

Concen: 86.505 ug/l

RT: 4.885 min Scan# 623

Delta R.T. -0.000 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

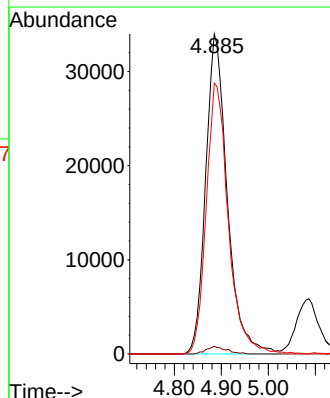
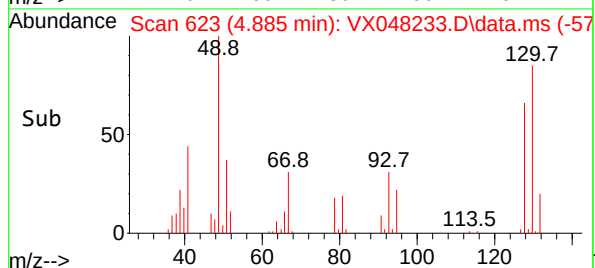
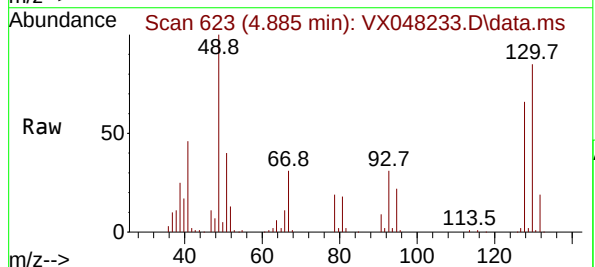
Tgt Ion: 49 Resp: 108536

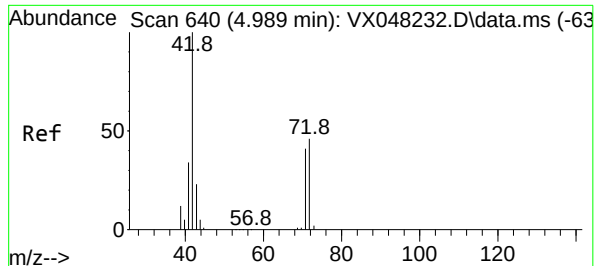
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

130 86.4 59.3 88.9





#29

Tetrahydrofuran

Concen: 509.471 ug/l

RT: 4.989 min Scan# 640

Delta R.T. -0.000 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 42 Resp: 21654

Ion Ratio Lower Upper

42 100

72 48.6 35.3 52.9

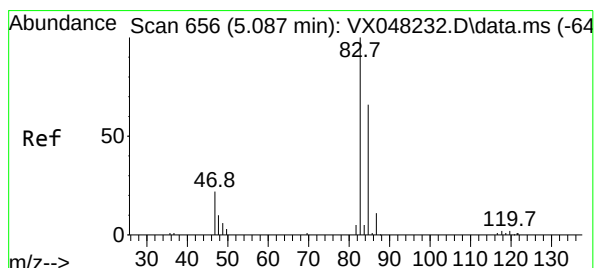
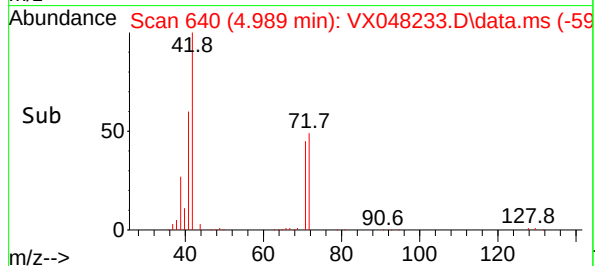
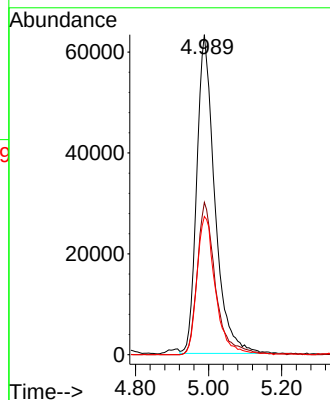
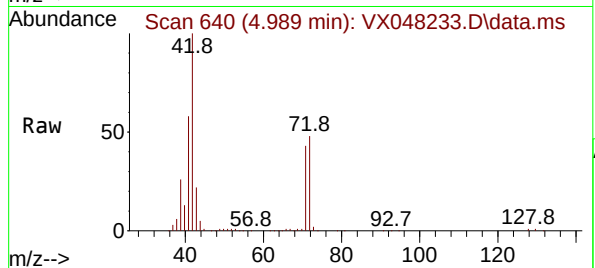
71 44.5 32.2 48.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#30

Chloroform

Concen: 92.461 ug/l

RT: 5.080 min Scan# 655

Delta R.T. -0.000 min

Lab File: VX048233.D

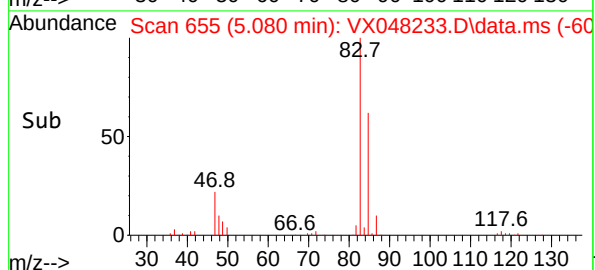
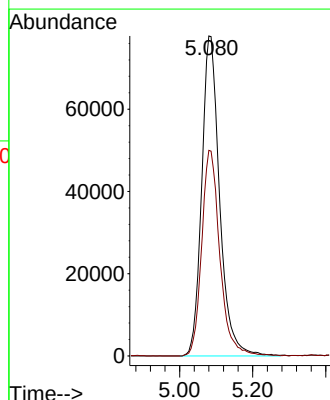
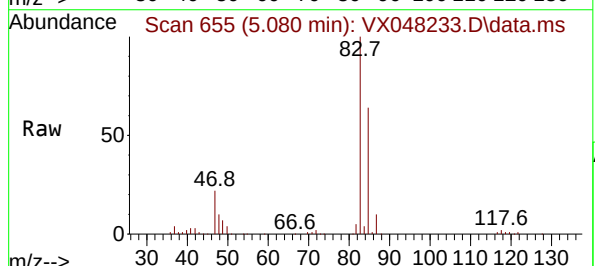
Acq: 20 Oct 2025 12:22

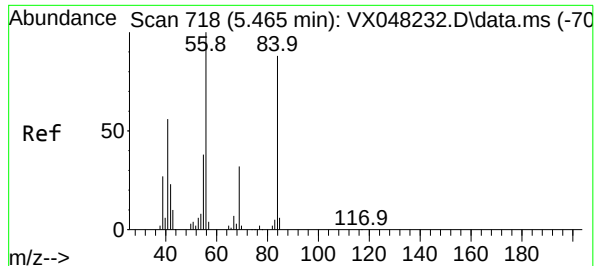
Tgt Ion: 83 Resp: 264966

Ion Ratio Lower Upper

83 100

85 64.3 50.1 75.1





#31

Cyclohexane

Concen: 97.754 ug/l

RT: 5.464 min Scan# 718

Delta R.T. 0.006 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 56 Resp: 21771

Ion Ratio Lower Upper

56 100

69 32.1 23.0 34.6

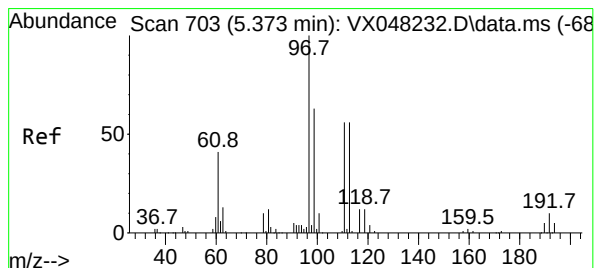
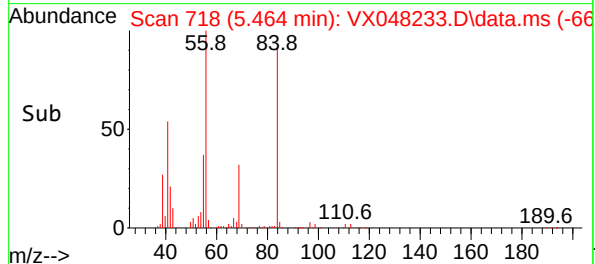
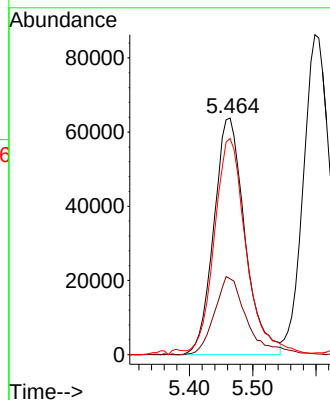
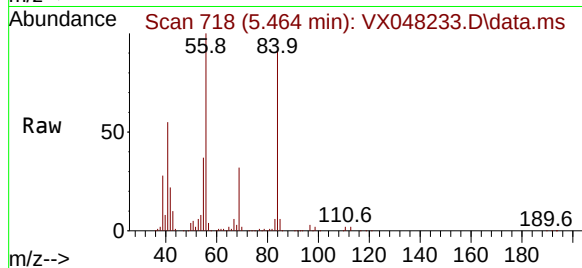
84 89.2 64.6 97.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#32

1,1,1-Trichloroethane

Concen: 105.334 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

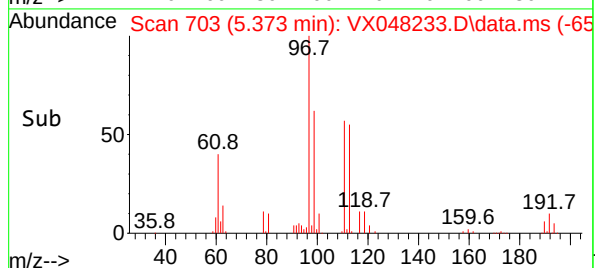
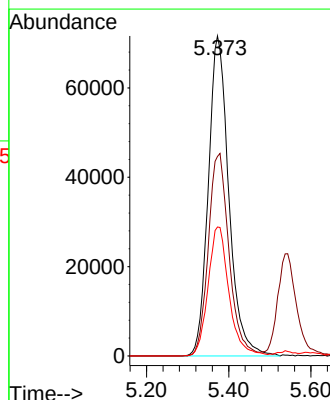
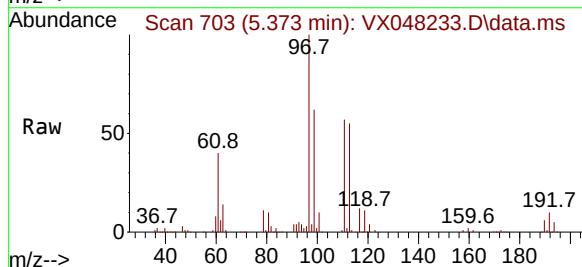
Tgt Ion: 97 Resp: 248018

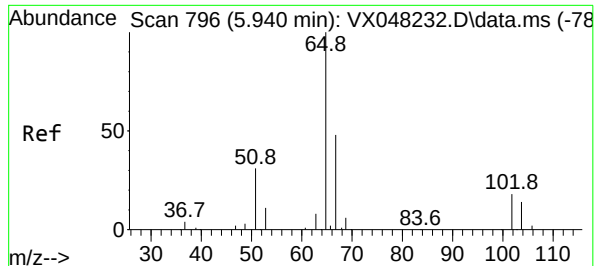
Ion Ratio Lower Upper

97 100

99 64.0 51.7 77.5

61 41.2 34.8 52.2





#33

1,2-Dichloroethane-d4

Concen: 89.060 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 65 Resp: 16218

Ion Ratio Lower Upper

65 100

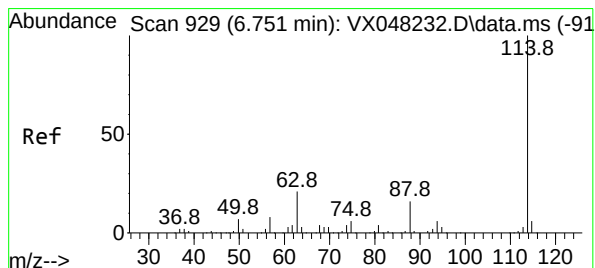
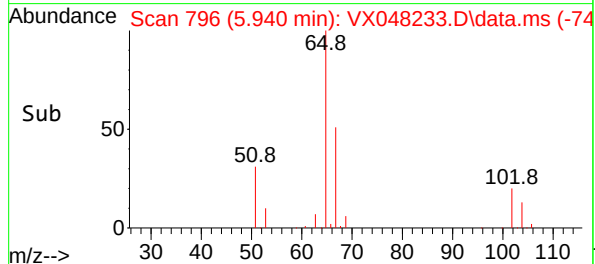
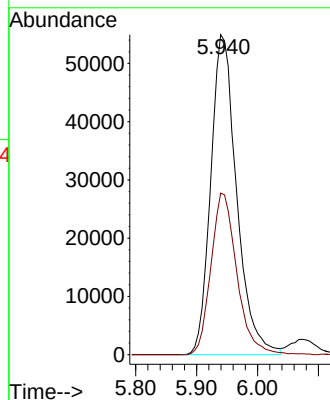
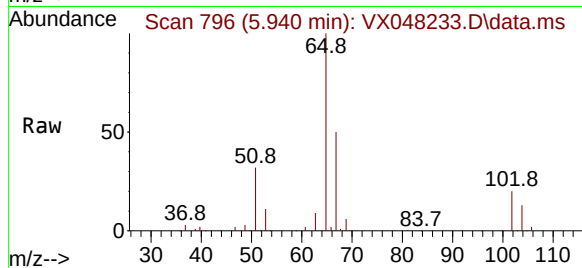
67 50.6 0.0 105.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.750 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

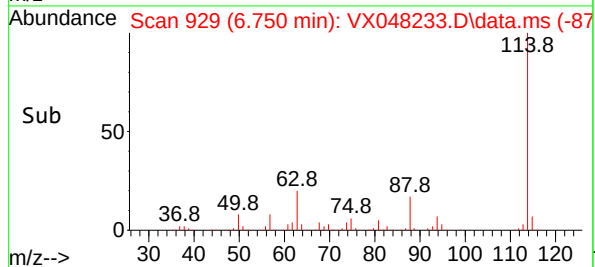
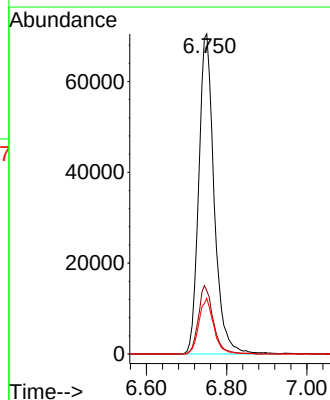
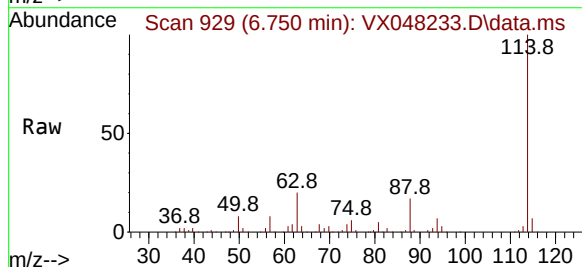
Tgt Ion:114 Resp: 187766

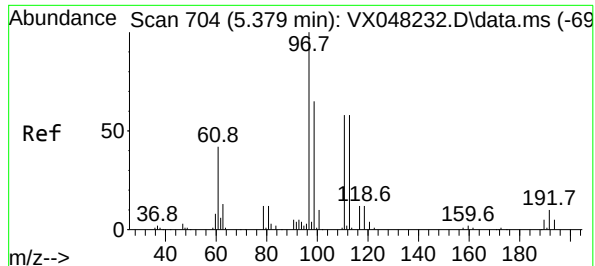
Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

88 17.3 0.0 33.6





#35

Dibromofluoromethane

Concen: 99.697 ug/l

RT: 5.373 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:113 Resp: 129919

Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.4

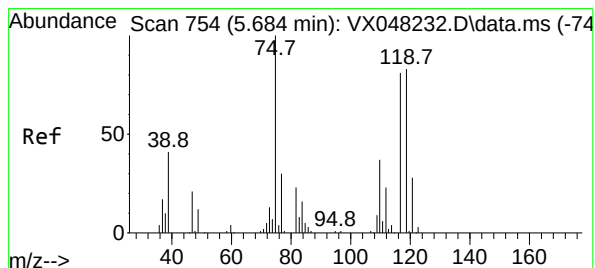
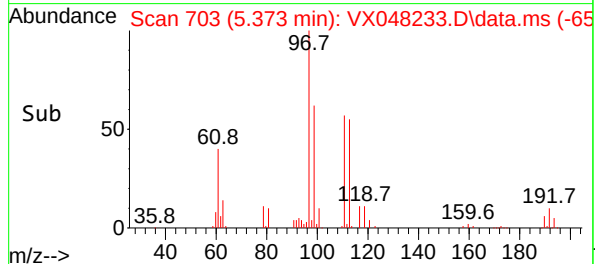
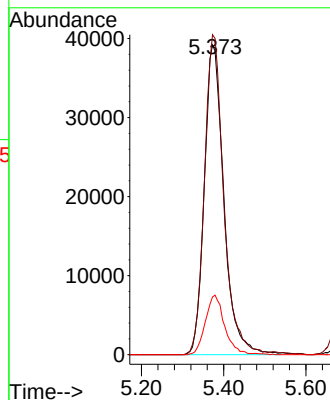
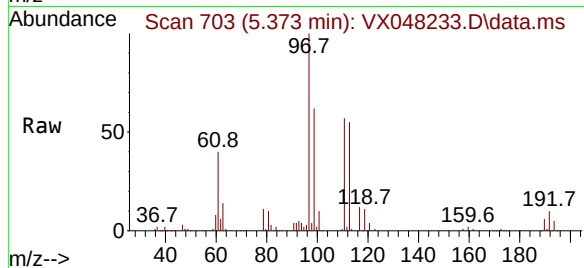
192 19.0 15.1 22.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#36

1,1-Dichloropropene

Concen: 100.194 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.000 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

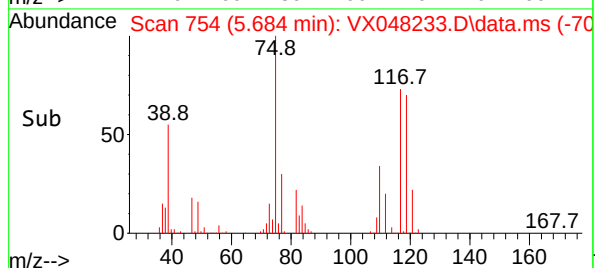
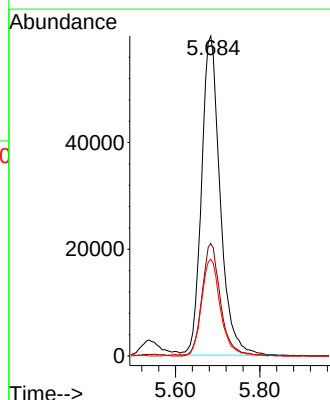
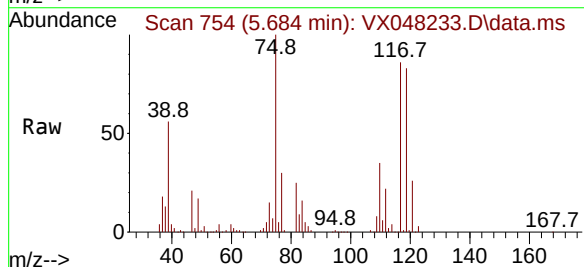
Tgt Ion: 75 Resp: 183932

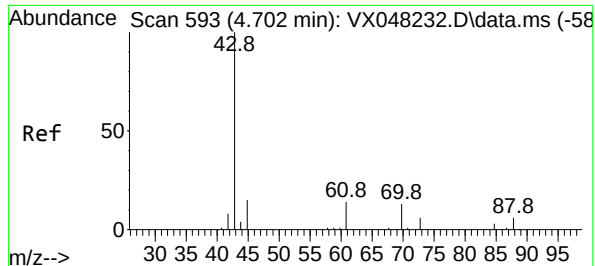
Ion Ratio Lower Upper

75 100

110 35.1 17.7 53.1

77 30.9 24.3 36.5





#37

Ethyl Acetate

Concen: 104.863 ug/l

RT: 4.702 min Scan# 593

Delta R.T. 0.006 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

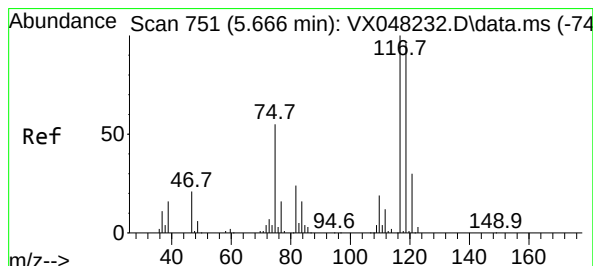
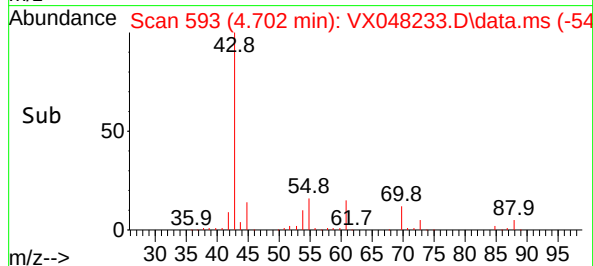
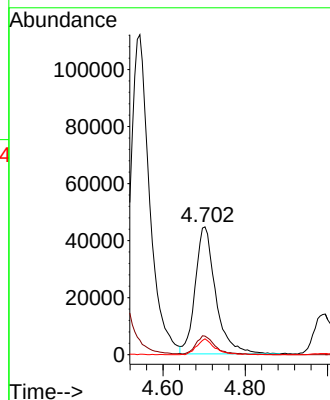
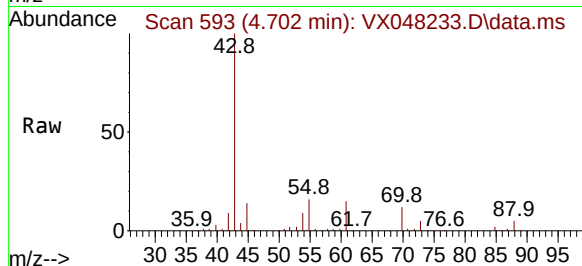
VSTDIC100

Tgt Ion: 43 Resp: 153844

Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.6	15.8
70	10.7	7.8	11.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#38

Carbon Tetrachloride

Concen: 107.719 ug/l

RT: 5.665 min Scan# 751

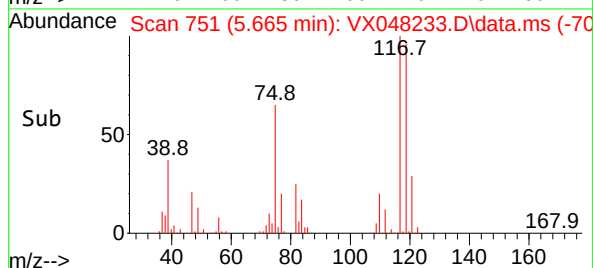
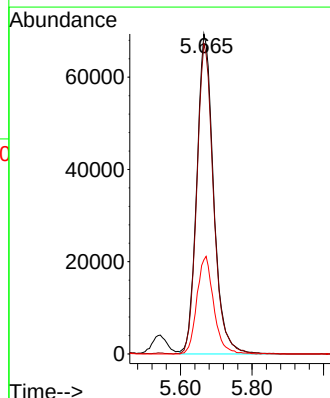
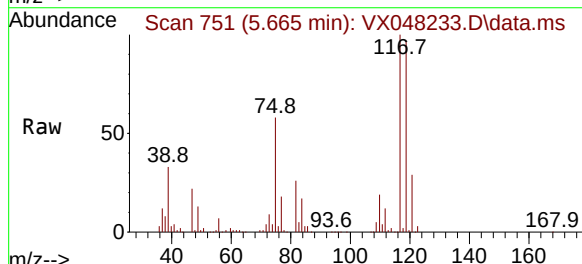
Delta R.T. -0.000 min

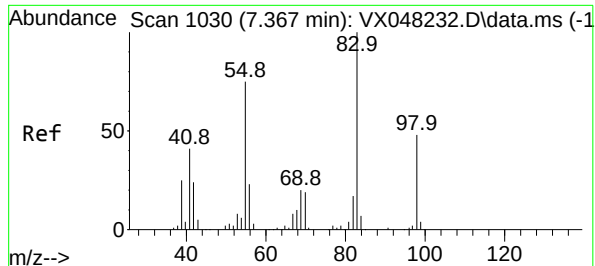
Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

Tgt Ion:117 Resp: 226976

Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.2	115.8
121	29.4	24.8	37.2





#39

Methylcyclohexane

Concen: 113.637 ug/l

RT: 7.366 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 83 Resp: 235208

Ion Ratio Lower Upper

83 100

55 76.8 66.2 99.2

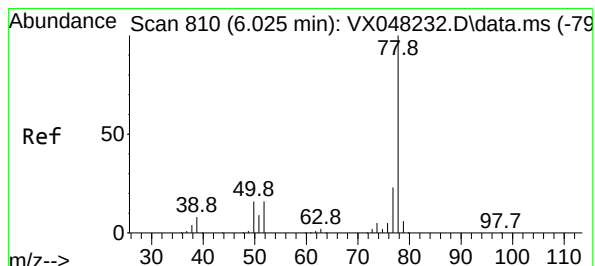
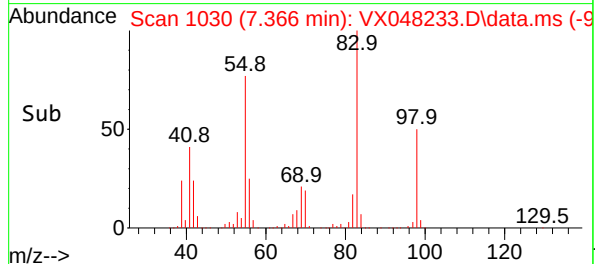
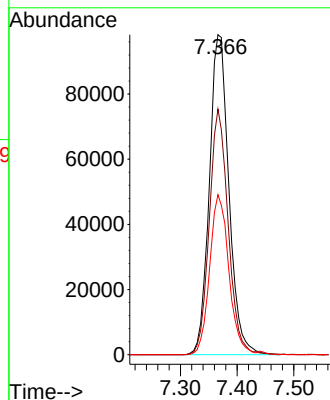
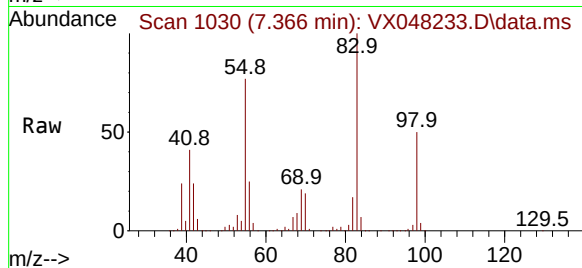
98 50.0 38.9 58.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#40

Benzene

Concen: 98.221 ug/l

RT: 6.025 min Scan# 810

Delta R.T. -0.000 min

Lab File: VX048233.D

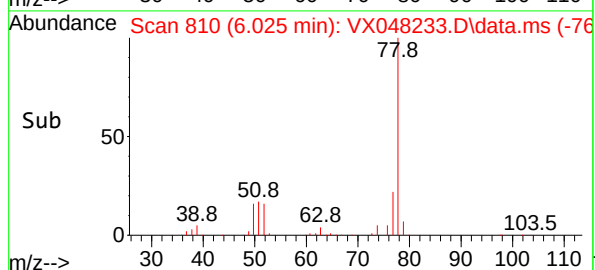
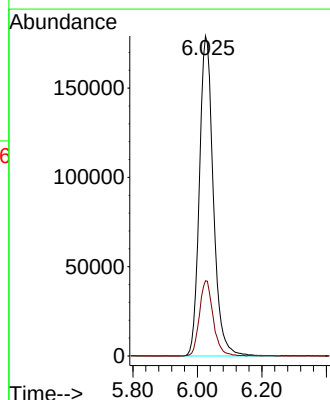
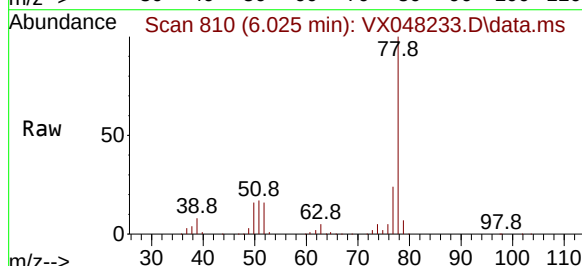
Acq: 20 Oct 2025 12:22

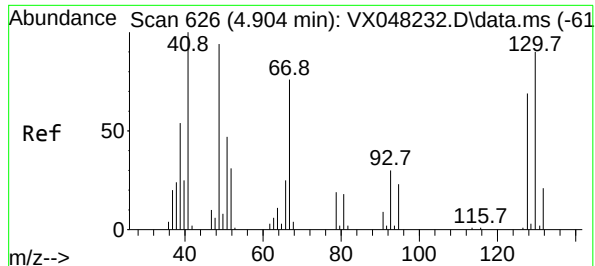
Tgt Ion: 78 Resp: 535407

Ion Ratio Lower Upper

78 100

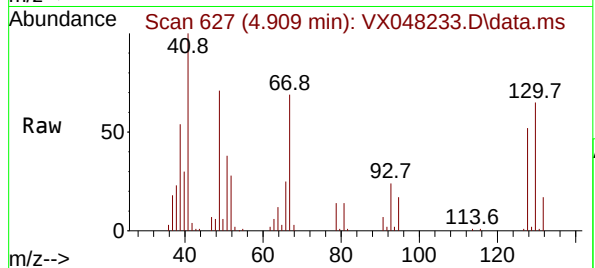
77 23.5 19.3 28.9





#41
Methacrylonitrile
Concen: 106.641 ug/l
RT: 4.909 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

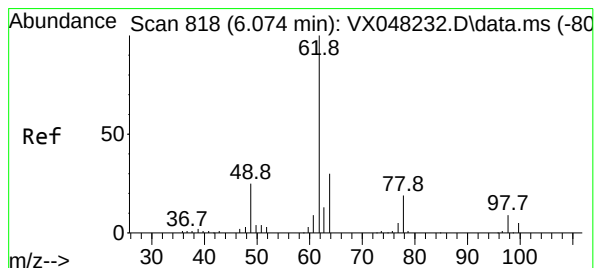
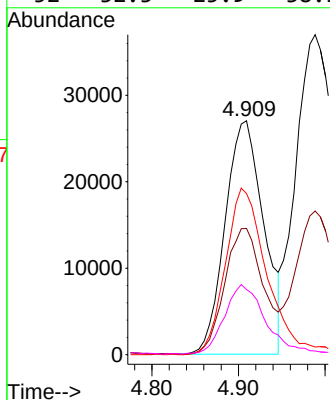
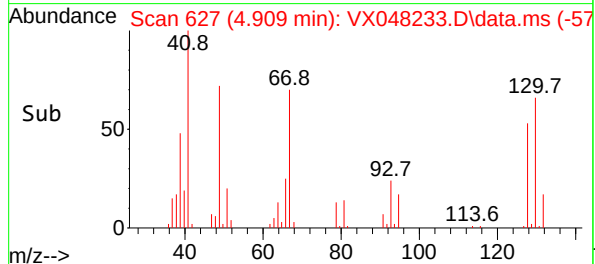
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 41 Resp: 83790
Ion Ratio Lower Upper
41 100
39 54.4 44.0 66.0
67 77.7 58.7 88.1
52 32.3 25.9 38.9

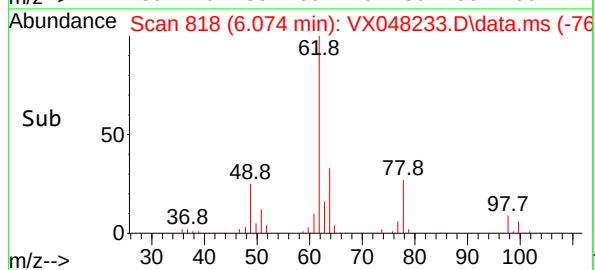
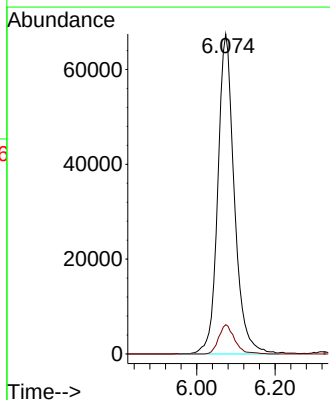
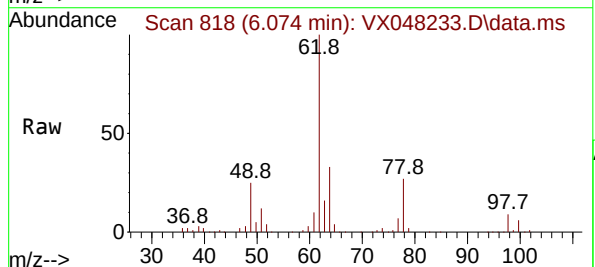
Manual Integrations
APPROVED

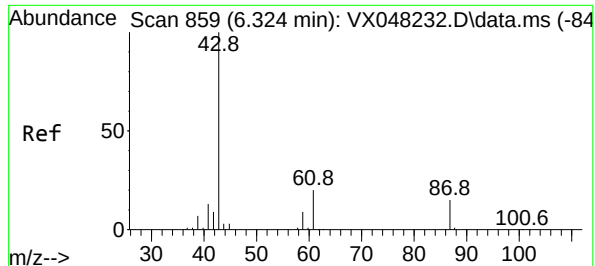
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#42
1,2-Dichloroethane
Concen: 101.562 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 62 Resp: 198348
Ion Ratio Lower Upper
62 100
98 8.8 0.0 17.2





#43

Isopropyl Acetate

Concen: 103.976 ug/l

RT: 6.324 min Scan# 859

Delta R.T. -0.000 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 43 Resp: 25606

Ion Ratio Lower Upper

43

100

61

20.5

87

14.0

14.9

9.4

22.3

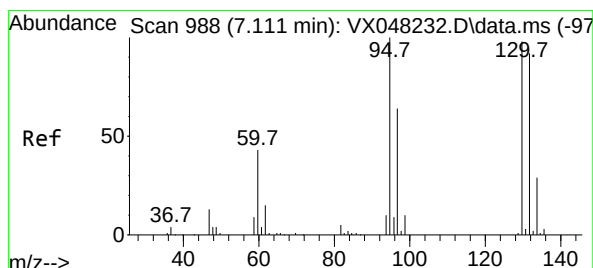
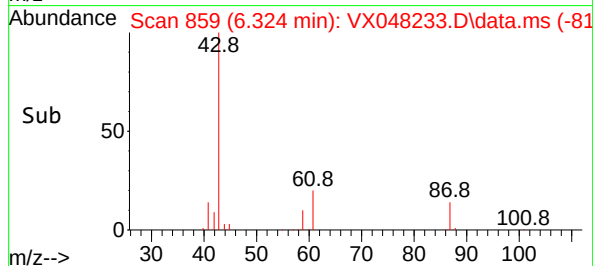
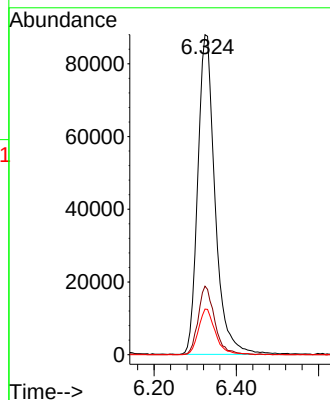
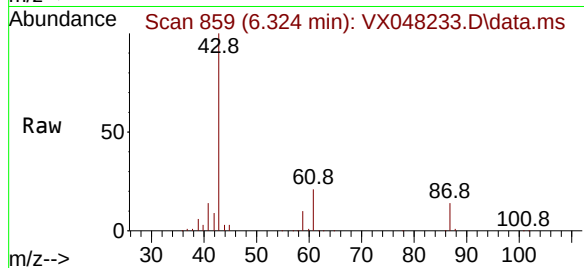
14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#44

Trichloroethene

Concen: 103.931 ug/l

RT: 7.110 min Scan# 988

Delta R.T. -0.000 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

Tgt Ion:130 Resp: 142779

Ion Ratio Lower Upper

130

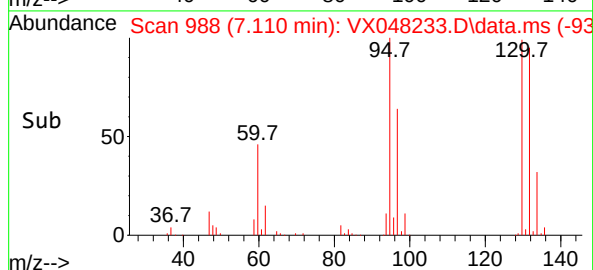
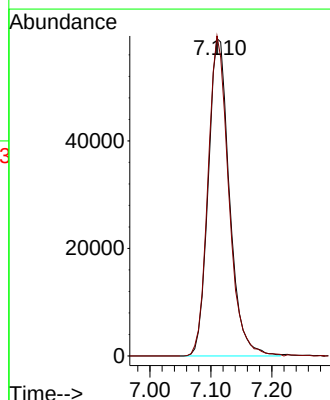
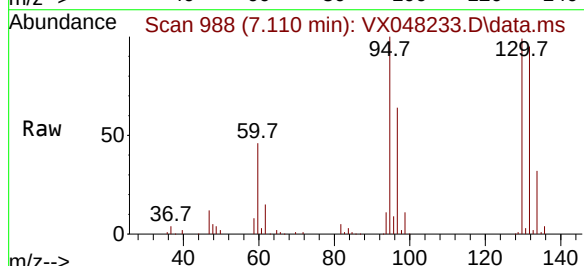
100

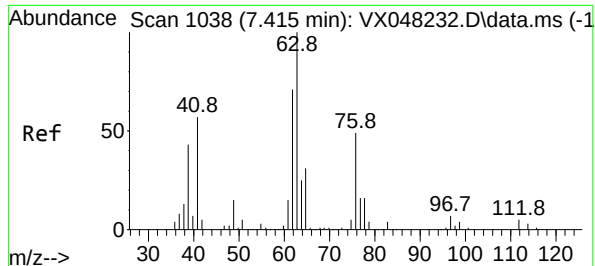
95

100.8

0.0

200.6





#45

1,2-Dichloropropane

Concen: 94.368 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 63 Resp: 13018

Ion Ratio Lower Upper

63 100

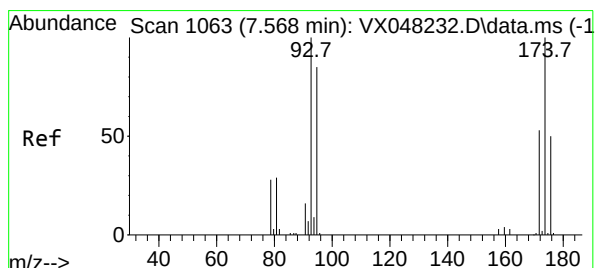
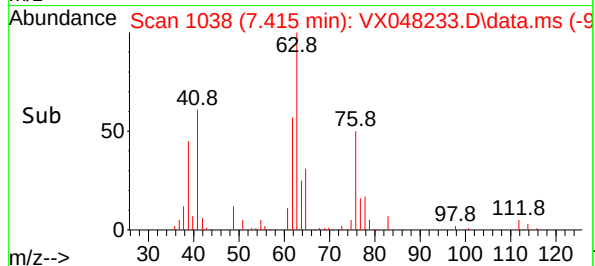
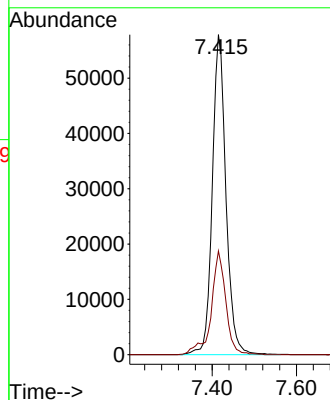
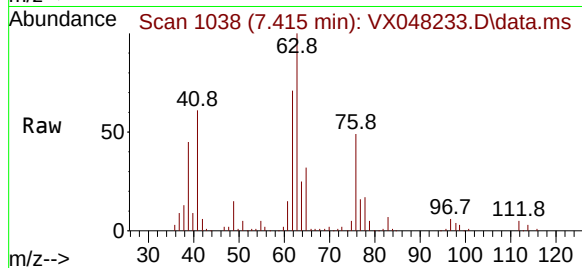
65 32.4 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#46

Dibromomethane

Concen: 98.835 ug/l

RT: 7.567 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

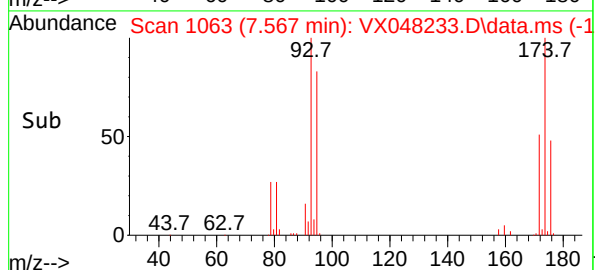
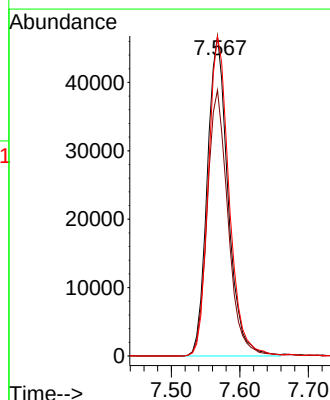
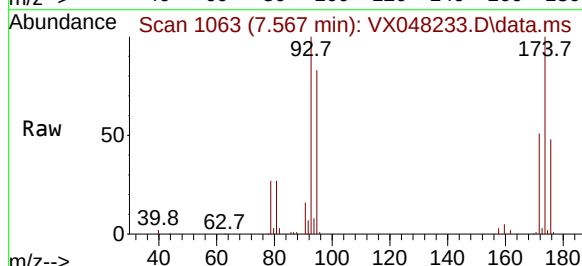
Tgt Ion: 93 Resp: 98105

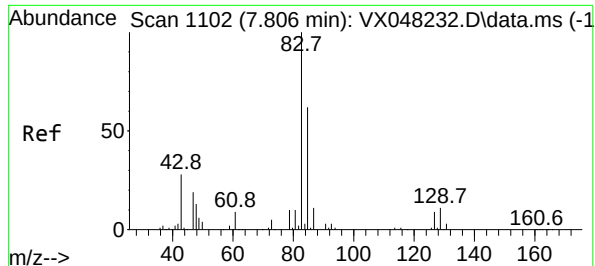
Ion Ratio Lower Upper

93 100

95 83.4 65.9 98.9

174 100.3 71.7 107.5





#47

Bromodichloromethane

Concen: 100.358 ug/l

RT: 7.805 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

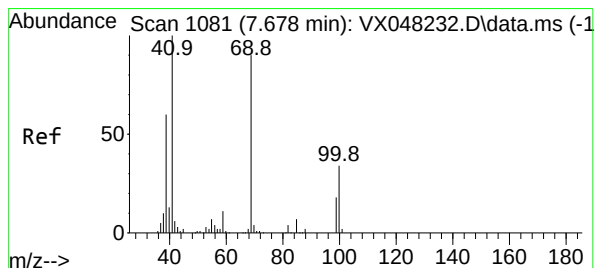
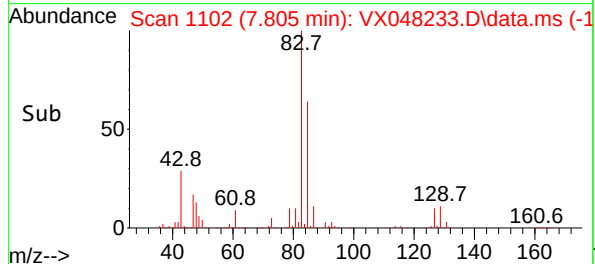
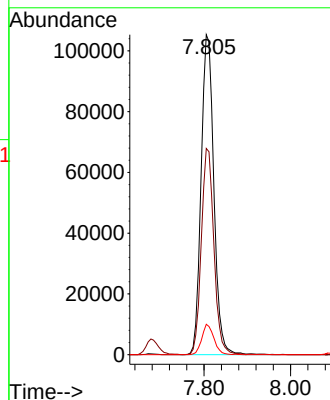
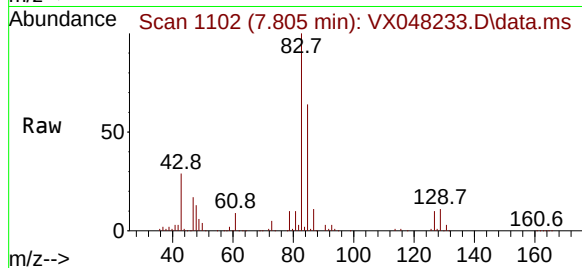
Tgt Ion:	83	Resp:	21530
Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.2	78.4
127	9.5	7.3	10.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#48

Methyl methacrylate

Concen: 104.272 ug/l

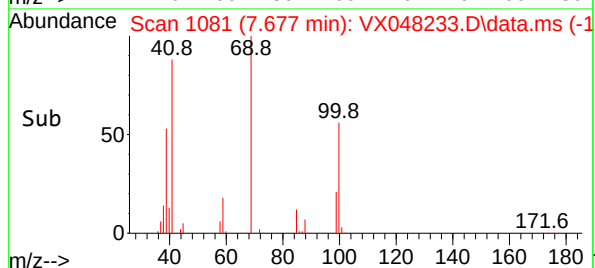
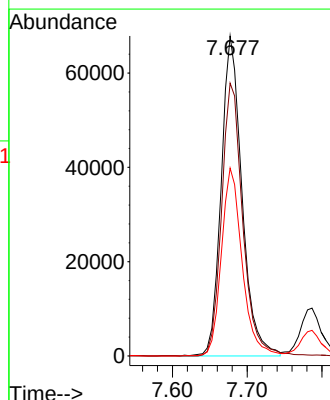
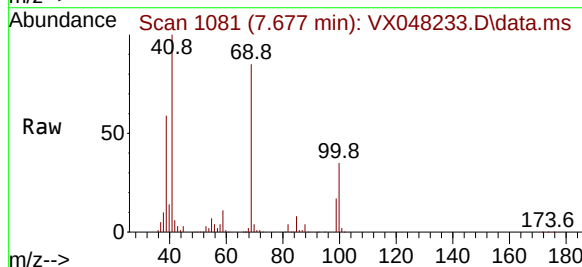
RT: 7.677 min Scan# 1081

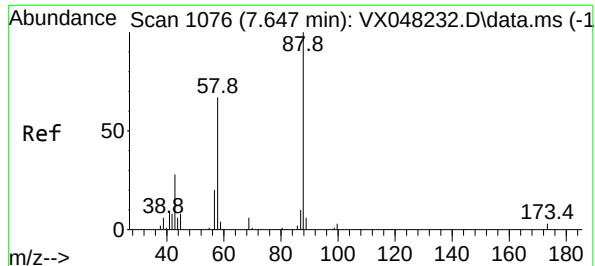
Delta R.T. -0.000 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

Tgt Ion:	41	Resp:	131454
Ion	Ratio	Lower	Upper
41	100		
69	86.8	63.4	95.0
39	58.7	47.1	70.7





#49

1,4-Dioxane

Concen: 3169.845 ug/l

RT: 7.647 min Scan# 1076

Delta R.T. 0.006 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

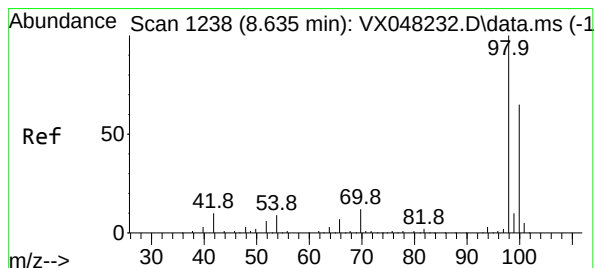
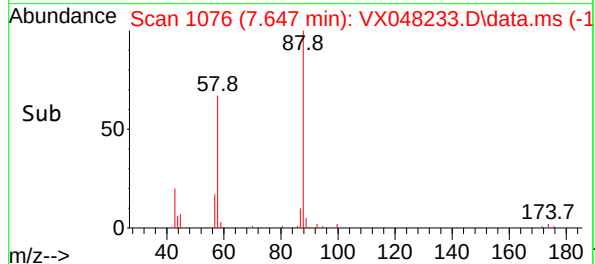
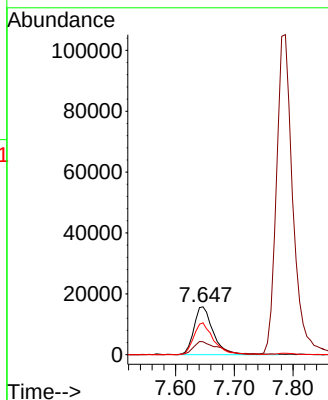
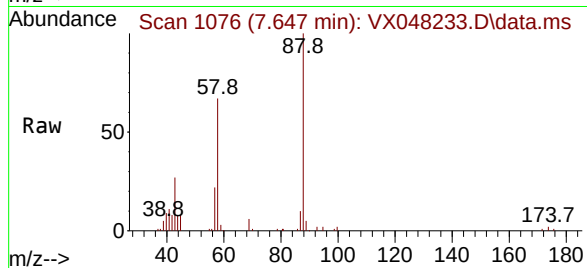
Tgt Ion:	88	Resp:	35972
Ion	Ratio	Lower	Upper
88	100		
43	36.6	35.0	52.4
58	68.4	61.9	92.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#50

Toluene-d8

Concen: 95.629 ug/l

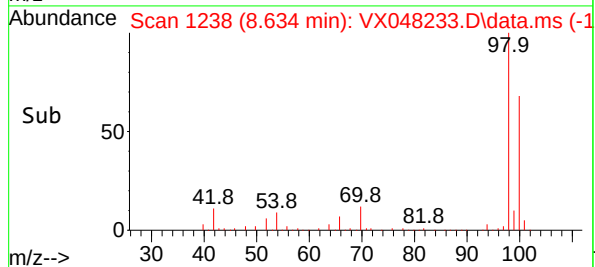
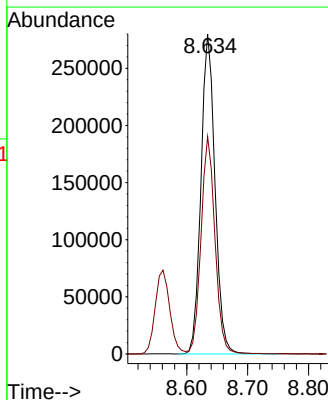
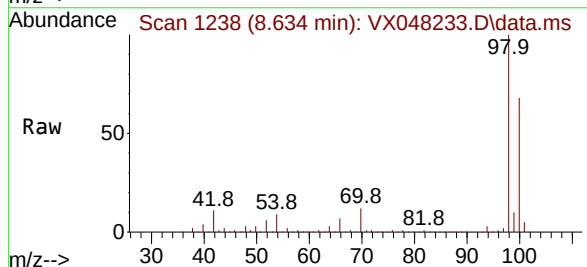
RT: 8.634 min Scan# 1238

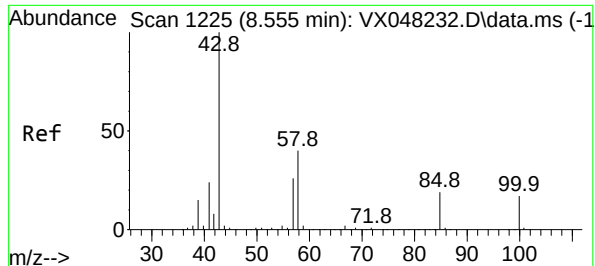
Delta R.T. -0.000 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

Tgt Ion:	98	Resp:	448948
Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.0	79.4





#51

4-Methyl-2-Pentanone

Concen: 526.103 ug/l

RT: 8.561 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 43 Resp: 720980

Ion Ratio Lower Upper

43 100

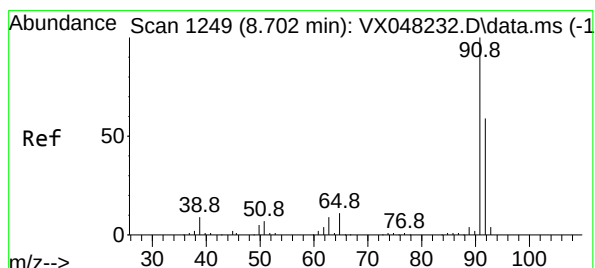
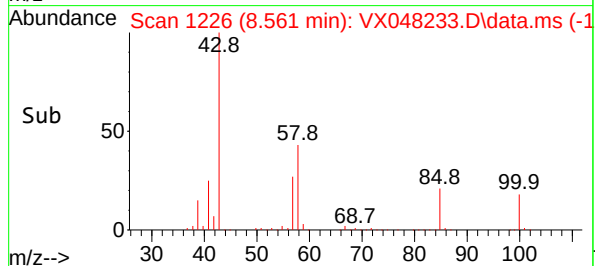
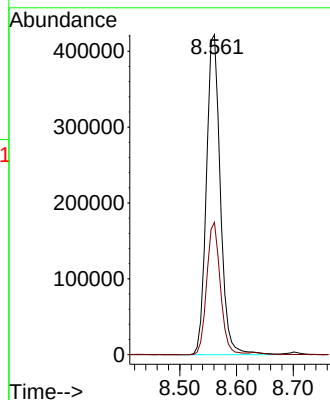
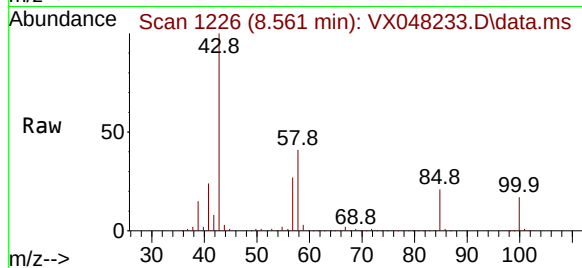
58 40.4 29.5 44.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#52

Toluene

Concen: 104.263 ug/l

RT: 8.701 min Scan# 1249

Delta R.T. -0.000 min

Lab File: VX048233.D

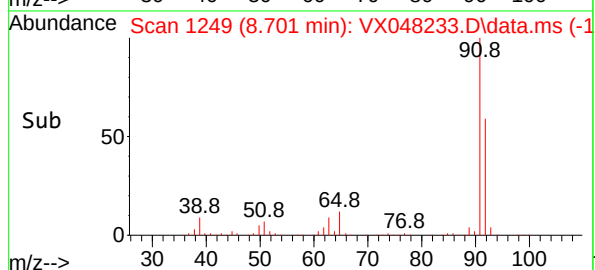
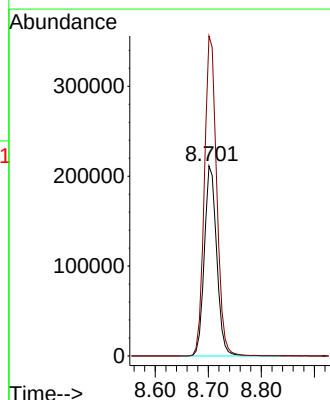
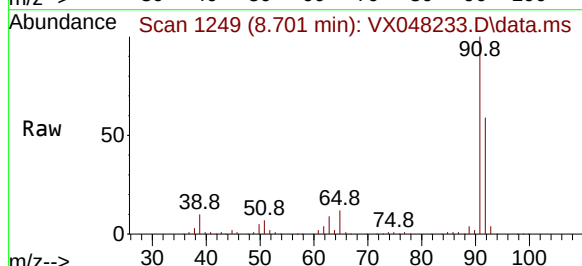
Acq: 20 Oct 2025 12:22

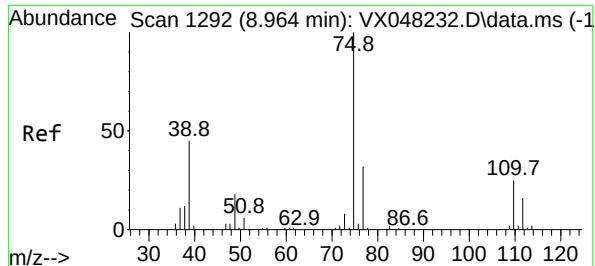
Tgt Ion: 92 Resp: 341597

Ion Ratio Lower Upper

92 100

91 168.2 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 107.341 ug/l

RT: 8.963 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 75 Resp: 215730

Ion Ratio Lower Upper

75 100

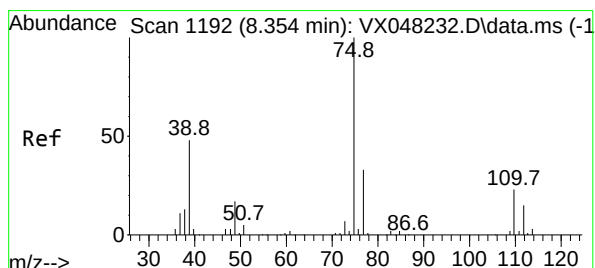
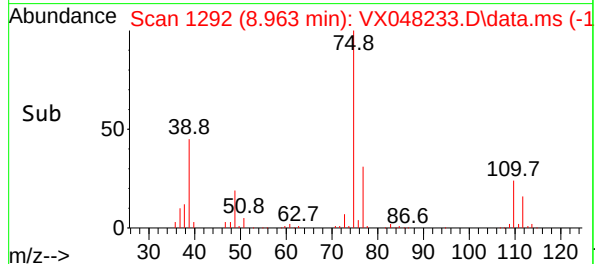
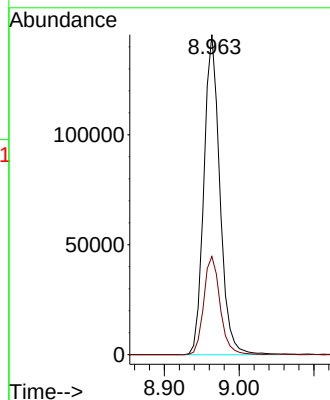
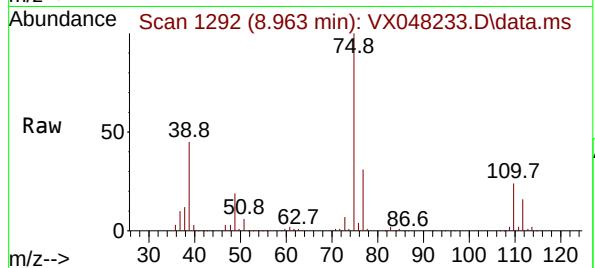
77 30.7 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#54

cis-1,3-Dichloropropene

Concen: 105.465 ug/l

RT: 8.354 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

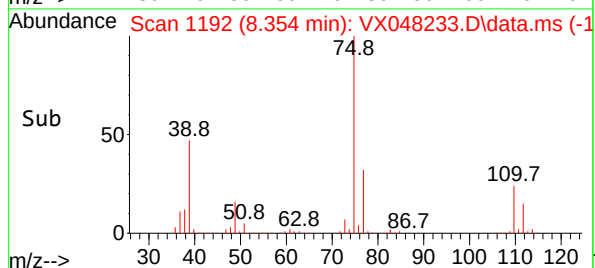
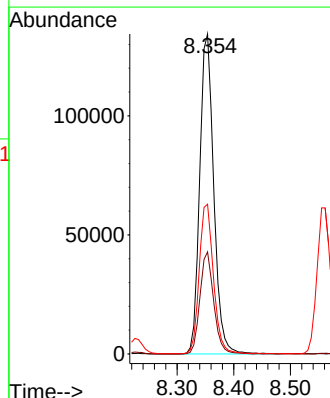
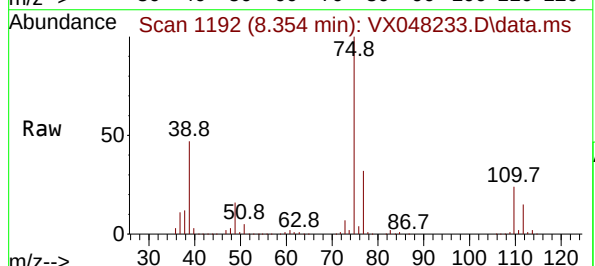
Tgt Ion: 75 Resp: 231037

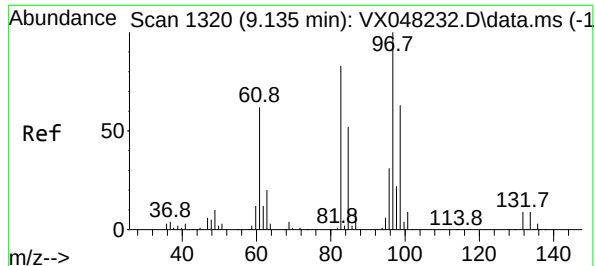
Ion Ratio Lower Upper

75 100

77 31.9 24.9 37.3

39 46.7 42.6 64.0





#55

1,1,2-Trichloroethane

Concen: 102.180 ug/l

RT: 9.134 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 124910

Ion Ratio Lower Upper

97 100

83 85.5 70.6 105.8

85 55.7 45.0 67.6

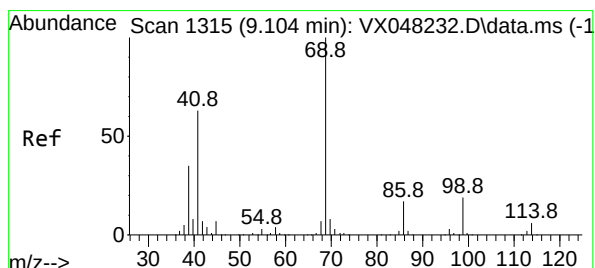
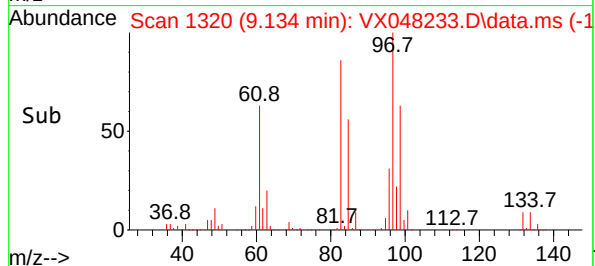
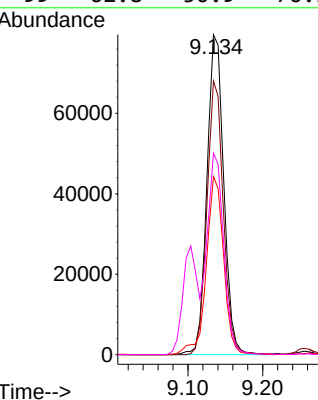
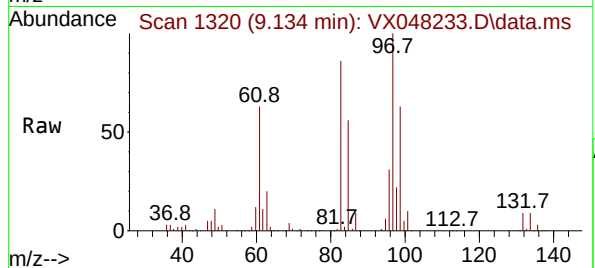
99 62.8 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#56

Ethyl methacrylate

Concen: 118.305 ug/l

RT: 9.104 min Scan# 1315

Delta R.T. 0.006 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

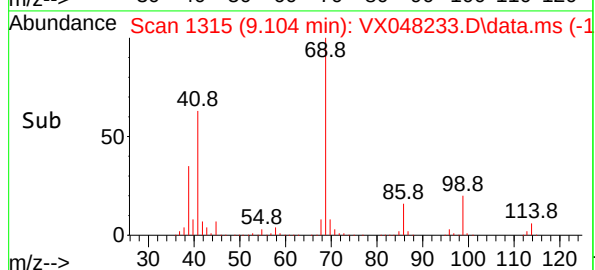
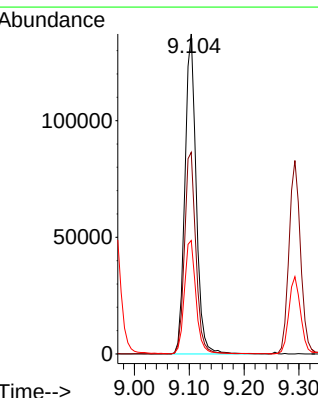
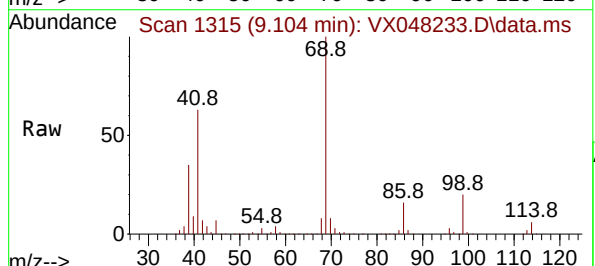
Tgt Ion: 69 Resp: 196699

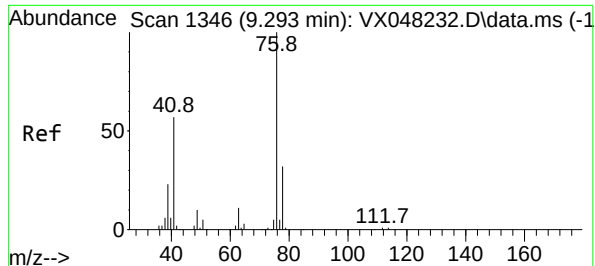
Ion Ratio Lower Upper

69 100

41 64.0 56.0 84.0

39 36.7 31.6 47.4





#57

1,3-Dichloropropane

Concen: 100.598 ug/l

RT: 9.293 min Scan# 11346

Delta R.T. -0.000 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 21485

Ion Ratio Lower Upper

76 100

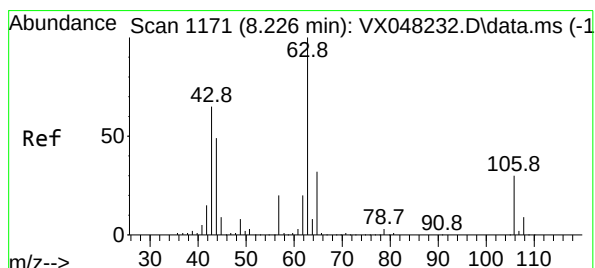
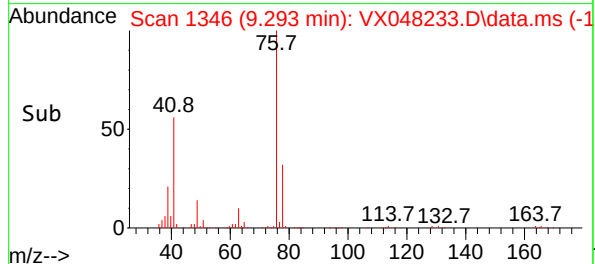
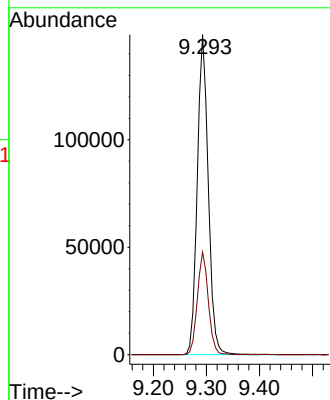
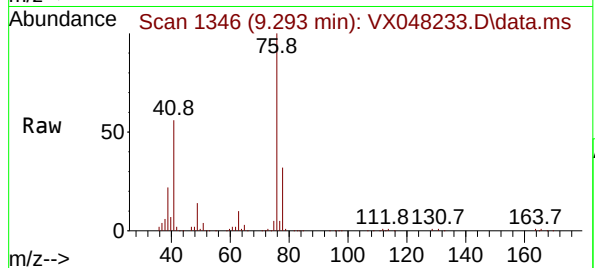
78 31.9 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#58

2-Chloroethyl Vinyl ether

Concen: 592.044 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. -0.000 min

Lab File: VX048233.D

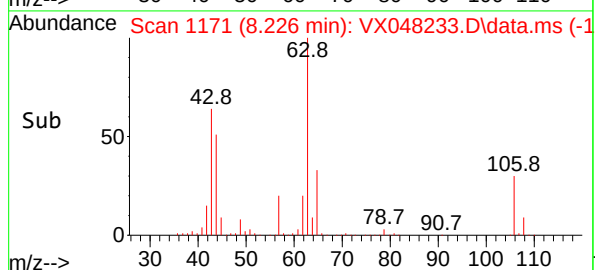
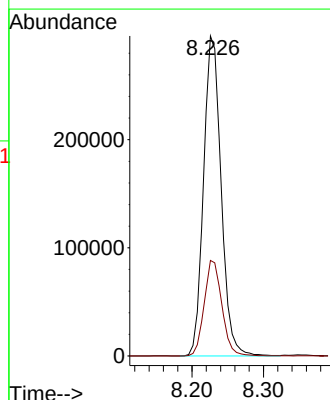
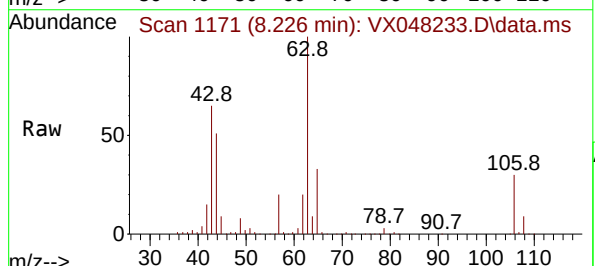
Acq: 20 Oct 2025 12:22

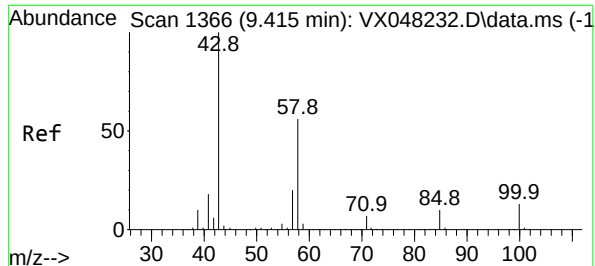
Tgt Ion: 63 Resp: 505448

Ion Ratio Lower Upper

63 100

106 30.0 22.2 33.2





#59

2-Hexanone

Concen: 531.416 ug/l

RT: 9.415 min Scan# 1366

Delta R.T. -0.000 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 509398

Ion Ratio Lower Upper

43 100

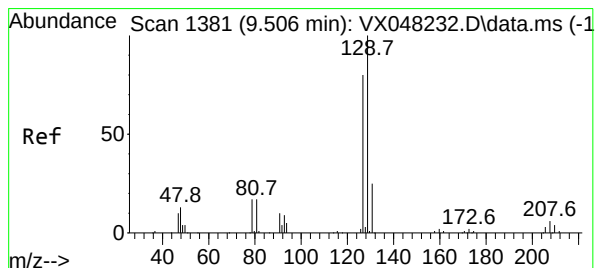
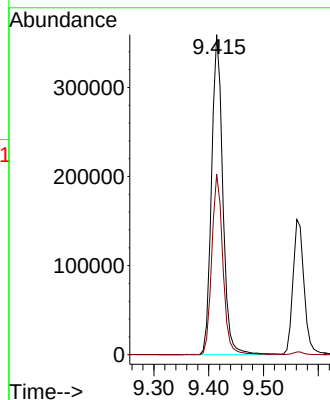
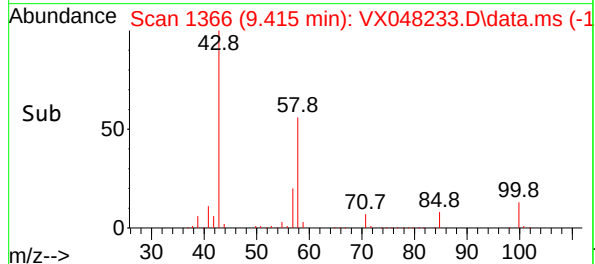
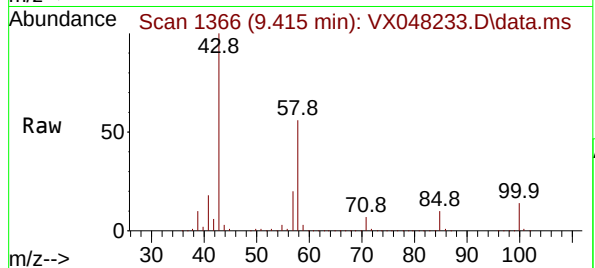
58 55.8 26.3 78.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#60

Dibromochloromethane

Concen: 108.598 ug/l

RT: 9.506 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VX048233.D

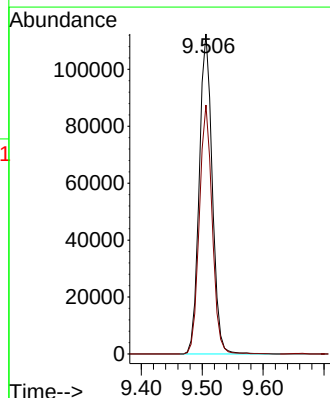
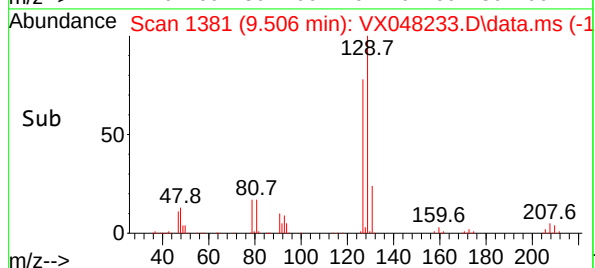
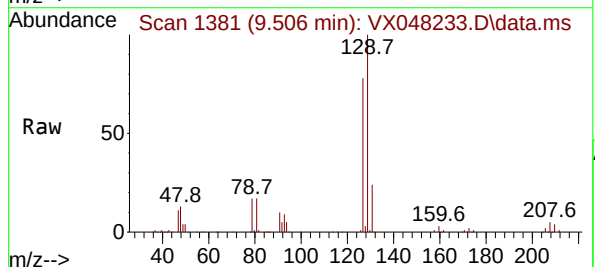
Acq: 20 Oct 2025 12:22

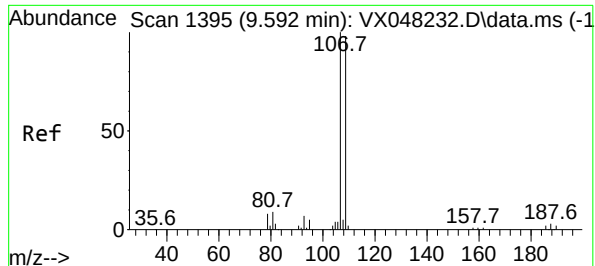
Tgt Ion:129 Resp: 166167

Ion Ratio Lower Upper

129 100

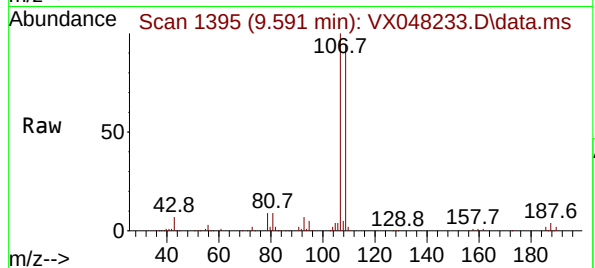
127 76.9 38.6 115.7





#61
1,2-Dibromoethane
Concen: 107.431 ug/l
RT: 9.591 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

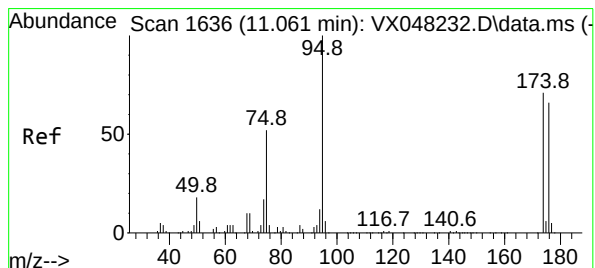
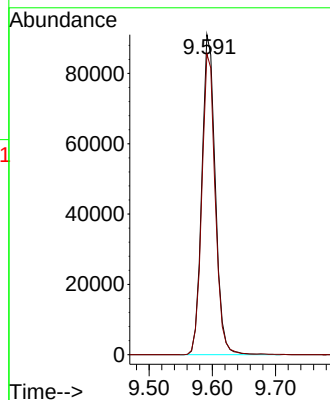
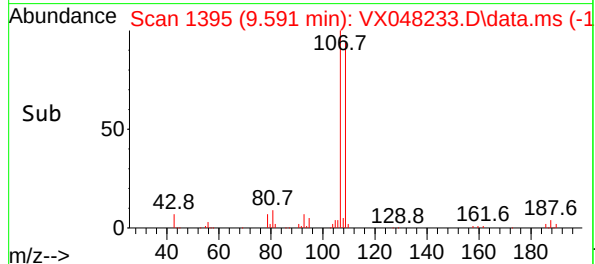
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:107 Resp: 134662
Ion Ratio Lower Upper
107 100
109 93.7 77.0 115.4

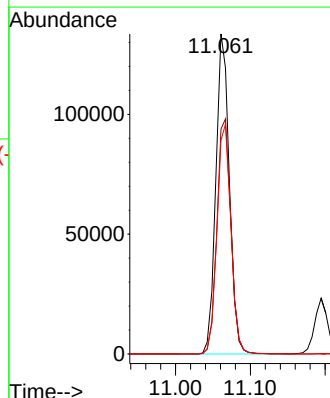
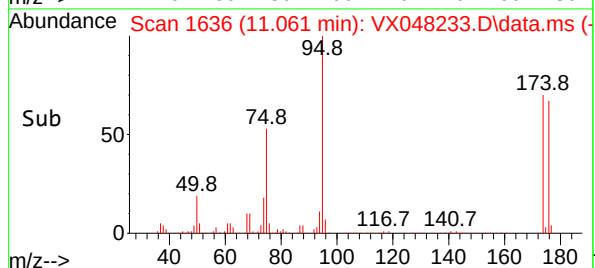
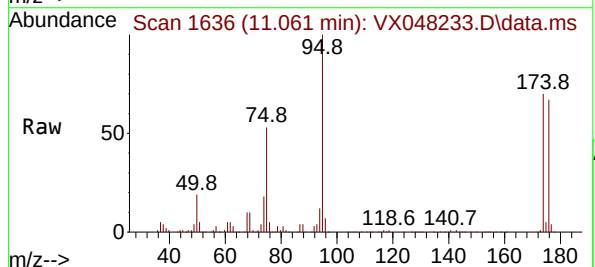
Manual Integrations
APPROVED

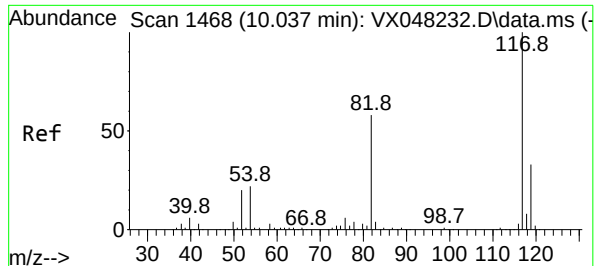
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#62
4-Bromofluorobenzene
Concen: 97.996 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

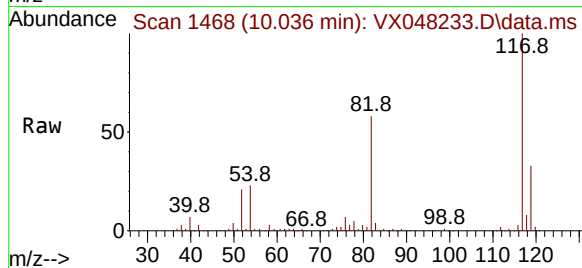
Tgt Ion: 95 Resp: 167565
Ion Ratio Lower Upper
95 100
174 76.3 0.0 147.8
176 74.1 0.0 142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

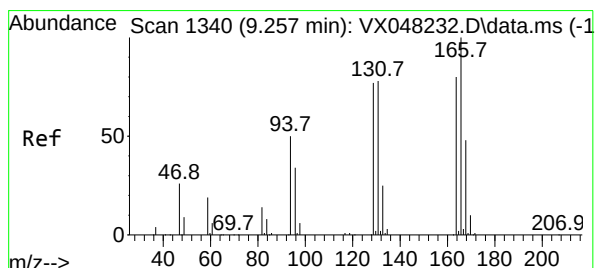
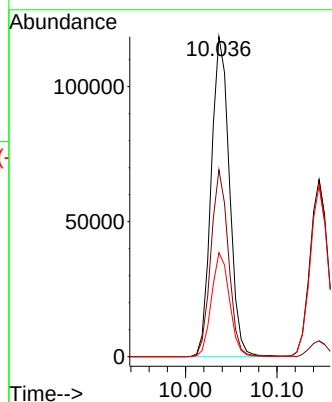
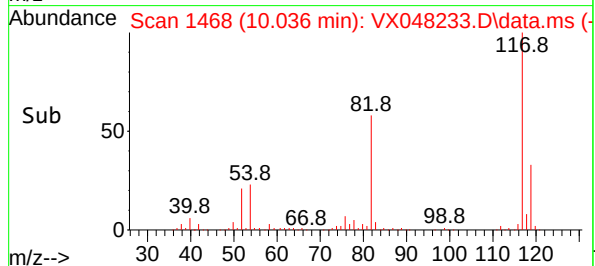
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:117 Resp: 163588
Ion Ratio Lower Upper
117 100
82 58.4 46.5 69.7
119 32.5 25.9 38.9

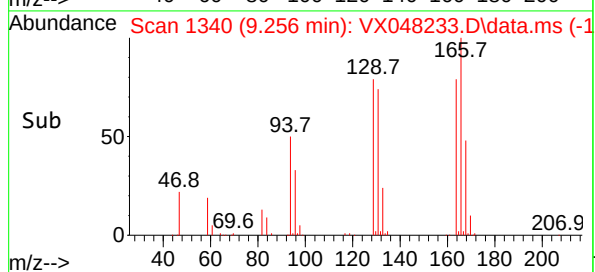
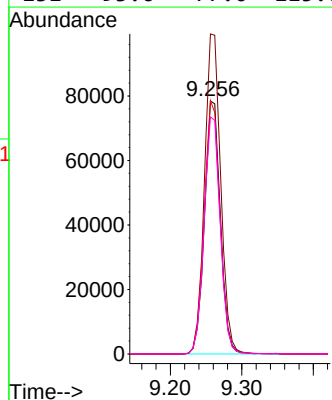
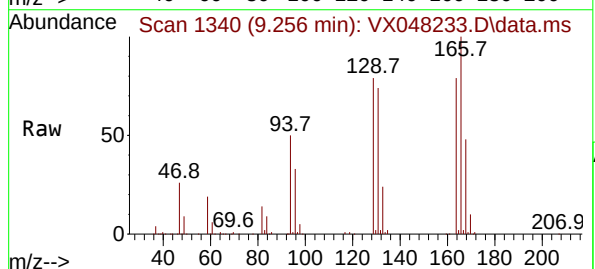
Manual Integrations
APPROVED

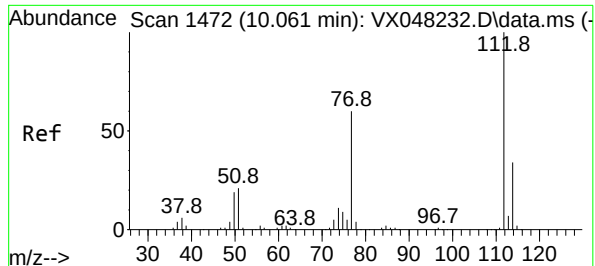
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#64
Tetrachloroethene
Concen: 105.633 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:164 Resp: 121163
Ion Ratio Lower Upper
164 100
166 126.5 104.5 156.7
129 100.1 81.8 122.6
131 93.6 77.0 115.6





#65

Chlorobenzene

Concen: 104.990 ug/l

RT: 10.061 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:112 Resp: 37553

Ion Ratio Lower Upper

112 100

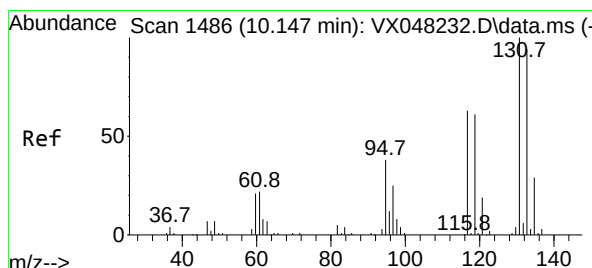
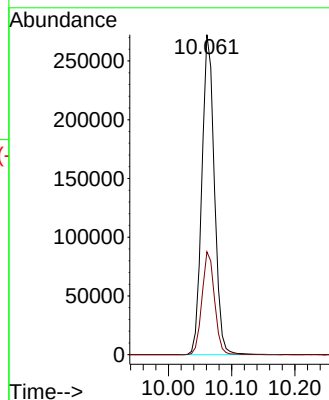
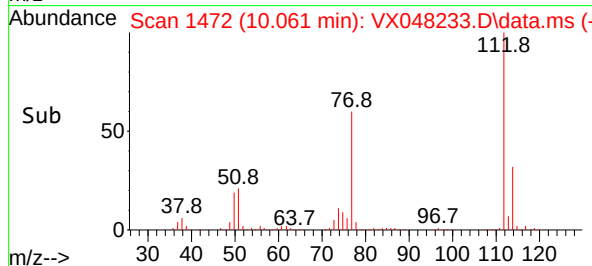
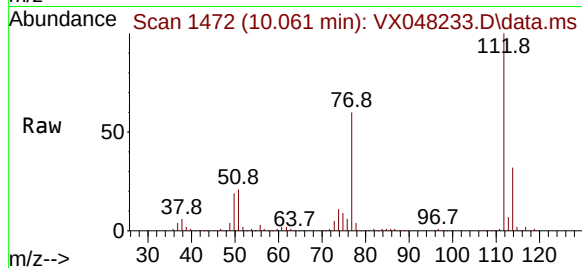
114 32.1 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#66

1,1,1,2-Tetrachloroethane

Concen: 109.080 ug/l

RT: 10.146 min Scan# 1486

Delta R.T. -0.000 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

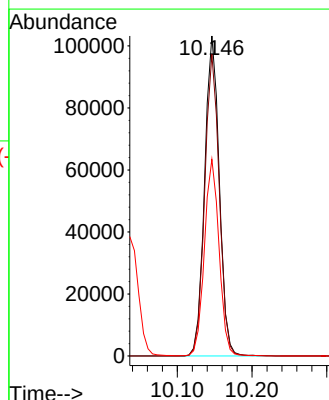
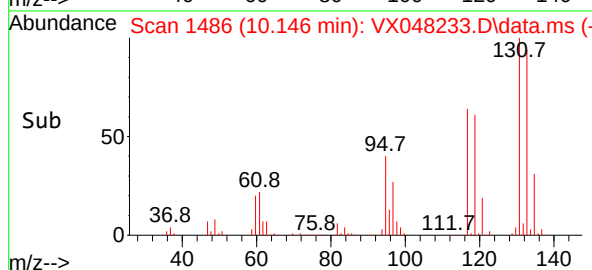
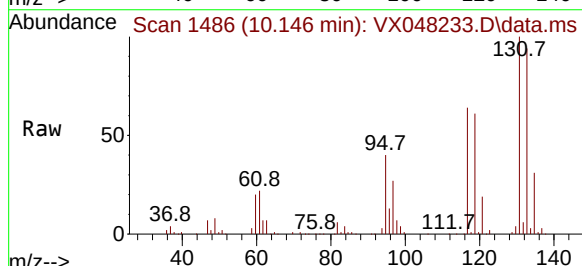
Tgt Ion:131 Resp: 140599

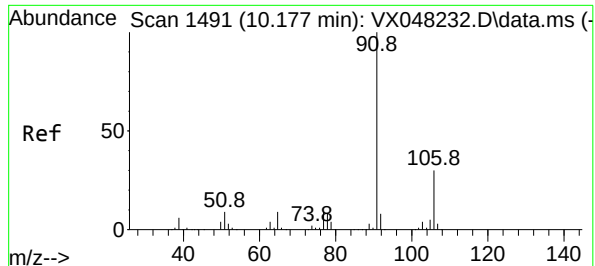
Ion Ratio Lower Upper

131 100

133 93.7 47.6 142.8

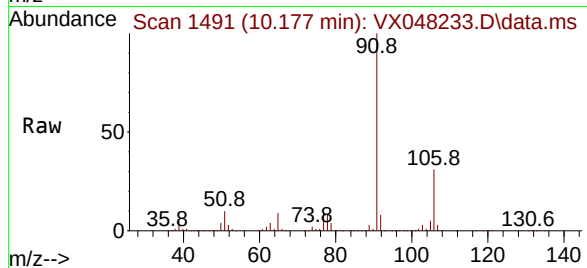
119 61.6 32.5 97.5





#67
Ethyl Benzene
Concen: 107.128 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

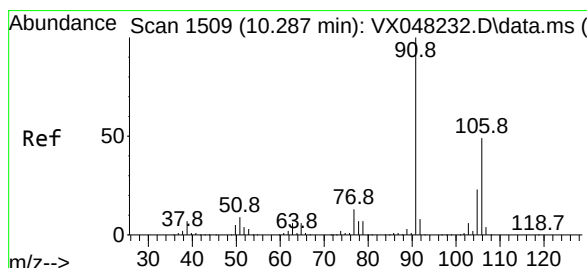
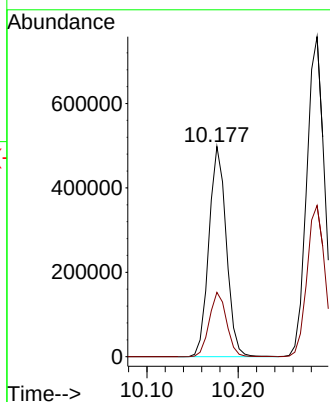
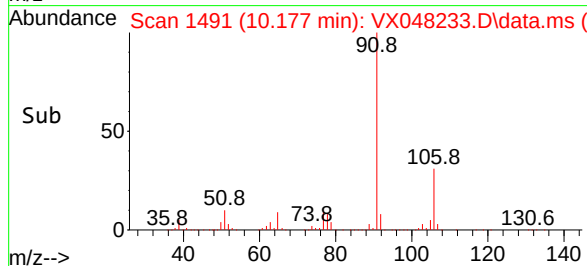
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 91 Resp: 656925
Ion Ratio Lower Upper
91 100
106 30.6 23.8 35.6

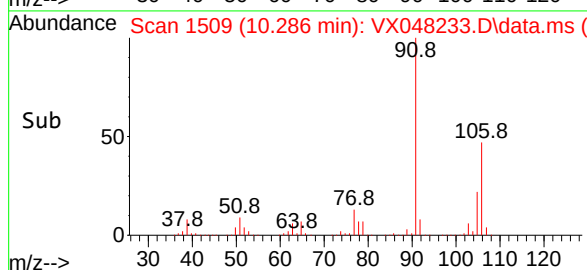
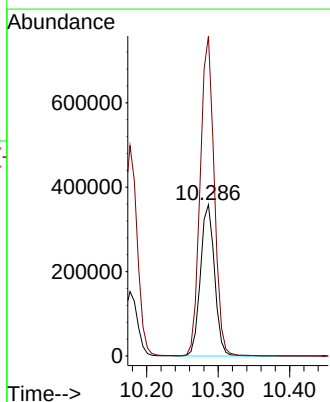
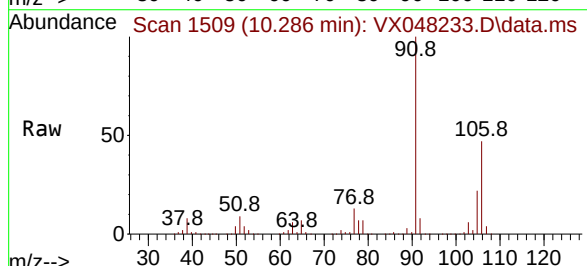
Manual Integrations
APPROVED

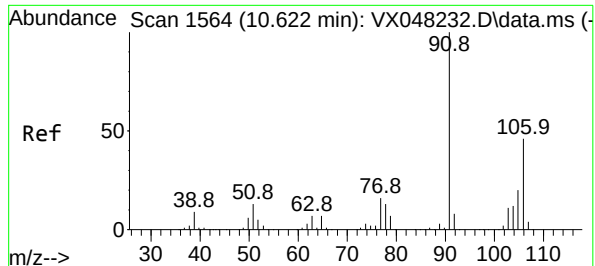
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#68
m/p-Xylenes
Concen: 214.875 ug/l
RT: 10.286 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

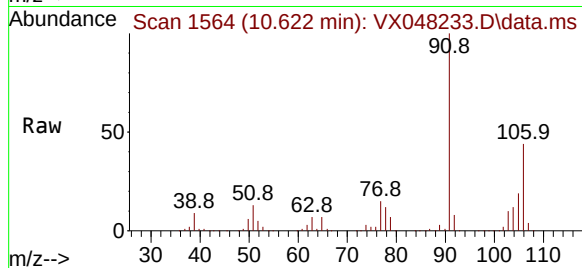
Tgt Ion:106 Resp: 490879
Ion Ratio Lower Upper
106 100
91 210.5 167.9 251.9





#69
o-Xylene
Concen: 110.042 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

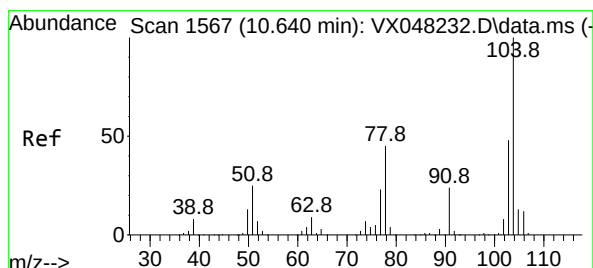
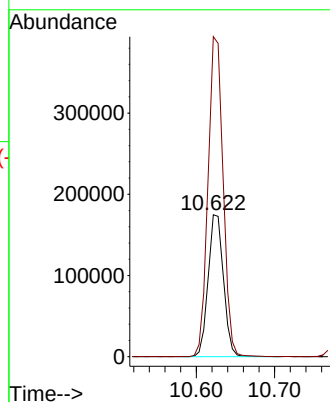
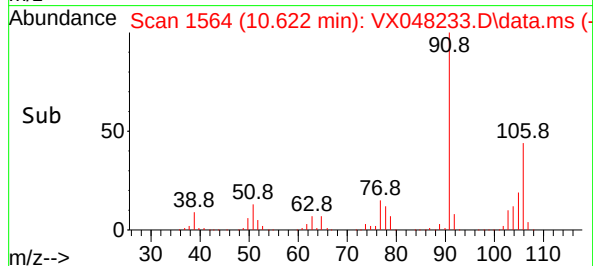
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:106 Resp: 236648
Ion Ratio Lower Upper
106 100
91 222.9 111.3 333.9

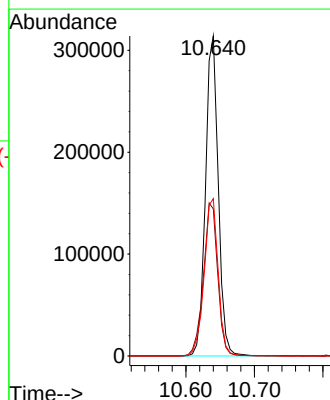
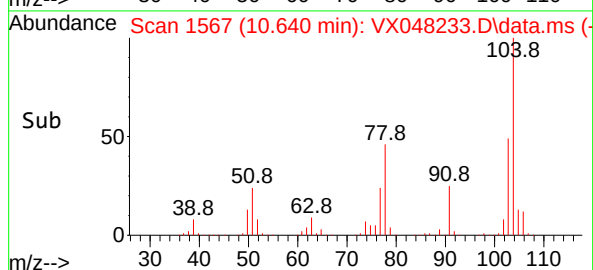
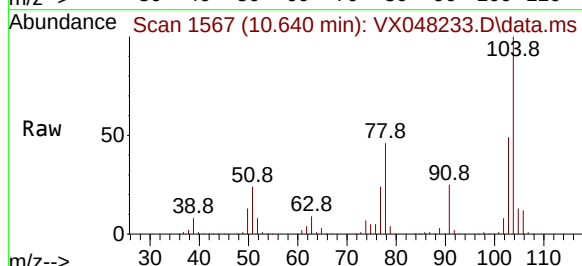
Manual Integrations
APPROVED

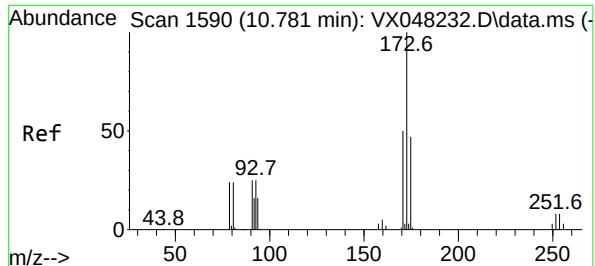
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#70
Styrene
Concen: 110.197 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

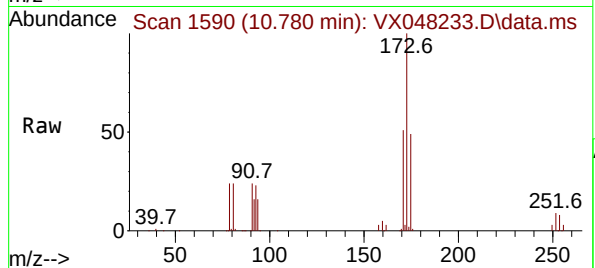
Tgt Ion:104 Resp: 407916
Ion Ratio Lower Upper
104 100
78 53.6 42.2 63.4
103 54.0 43.0 64.4





#71
Bromoform
Concen: 115.806 ug/l
RT: 10.780 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

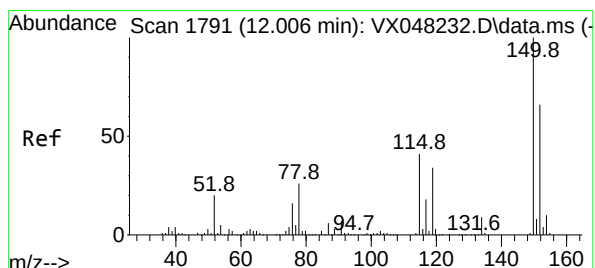
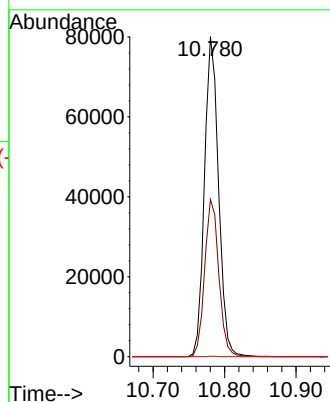
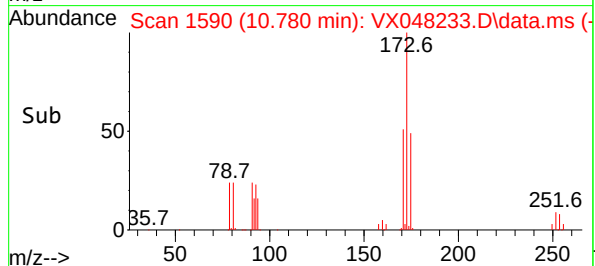
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:173 Resp: 10961
Ion Ratio Lower Upper
173 100
175 49.4 24.0 72.0
254 0.1 0.0 0.0

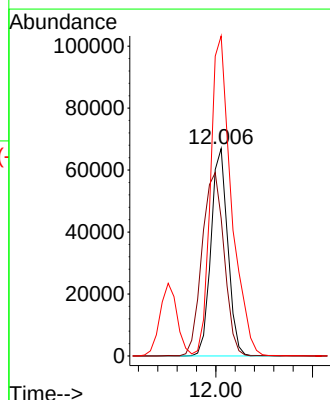
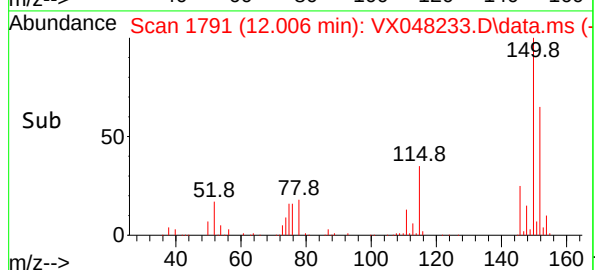
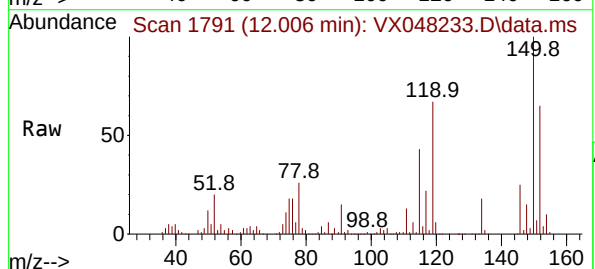
Manual Integrations
APPROVED

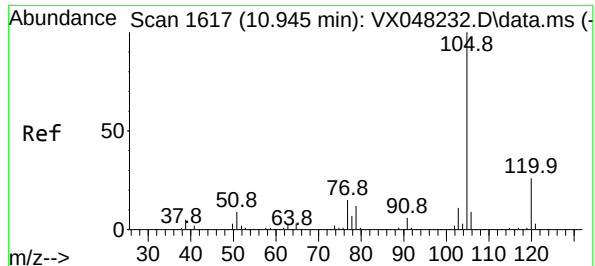
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

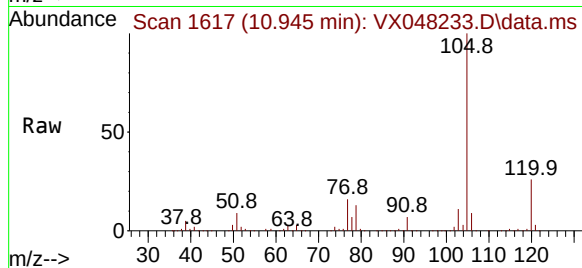
Tgt Ion:152 Resp: 80621
Ion Ratio Lower Upper
152 100
115 116.4 43.1 129.4
150 192.6 0.0 353.0





#73
Isopropylbenzene
Concen: 111.418 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

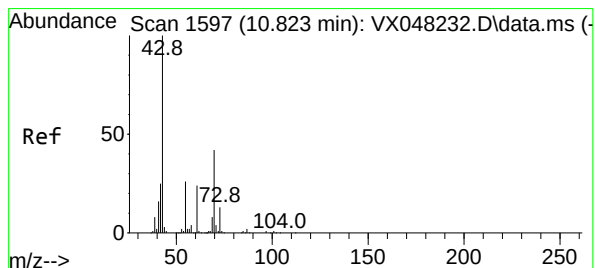
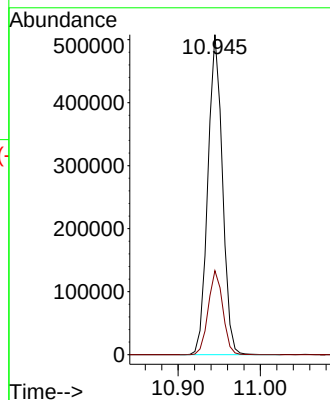
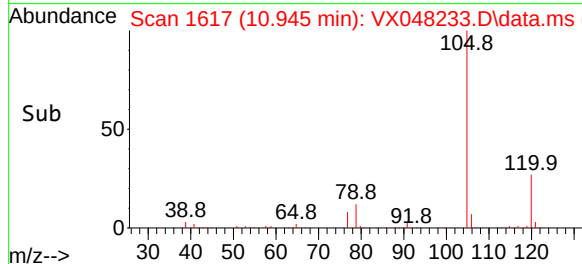
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:105 Resp: 62476
Ion Ratio Lower Upper
105 100
120 26.2 13.0 38.9

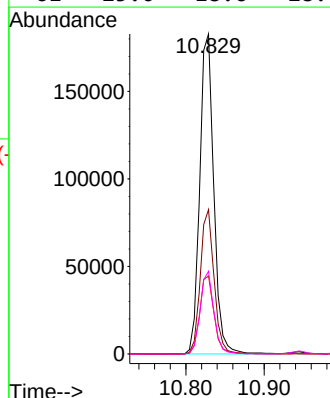
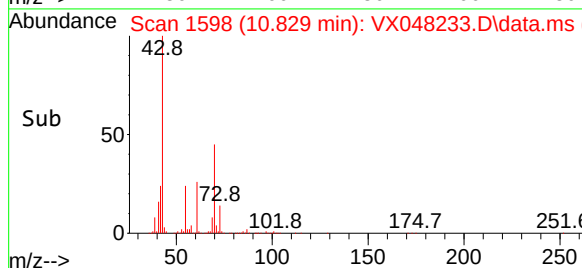
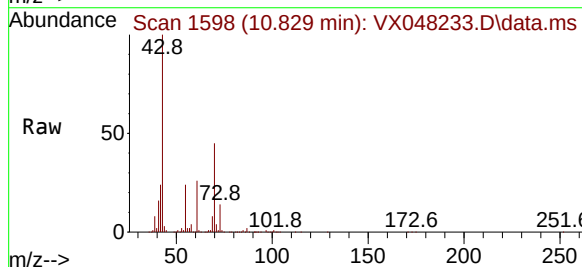
Manual Integrations
APPROVED

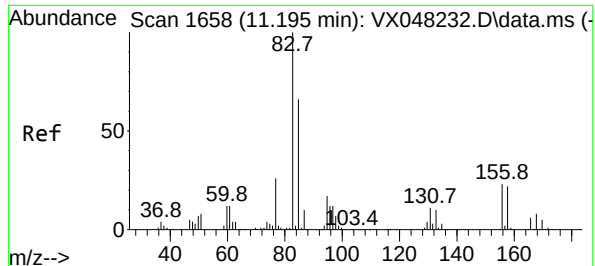
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#74
N-ethyl acetate
Concen: 109.030 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 43 Resp: 228080
Ion Ratio Lower Upper
43 100
70 44.4 32.2 48.2
55 24.8 19.1 28.7
61 25.0 18.6 28.0





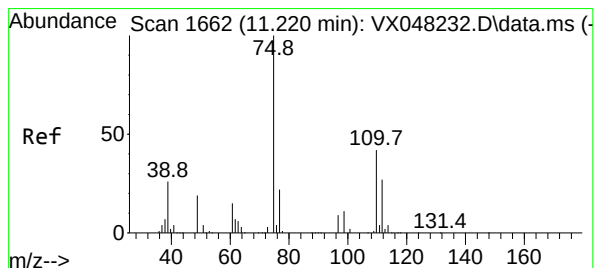
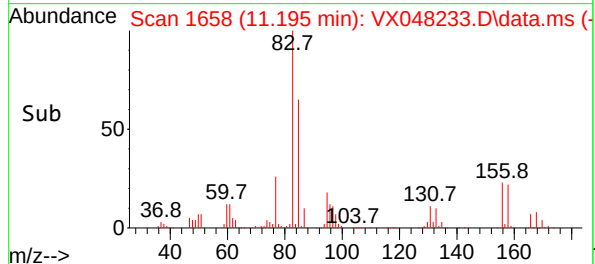
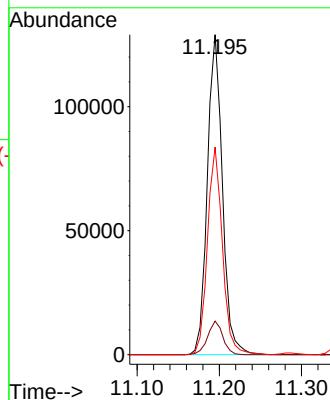
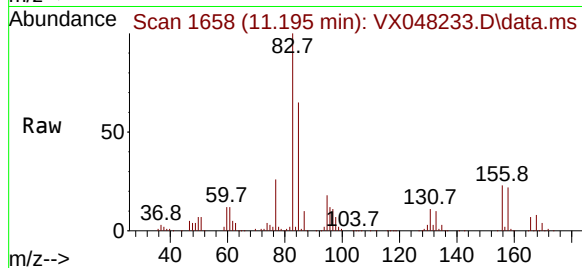
#75
1,1,2,2-Tetrachloroethane
Concen: 103.367 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 16420
Ion Ratio Lower Upper
83 100
131 10.6 4.8 14.4
85 64.4 31.9 95.7

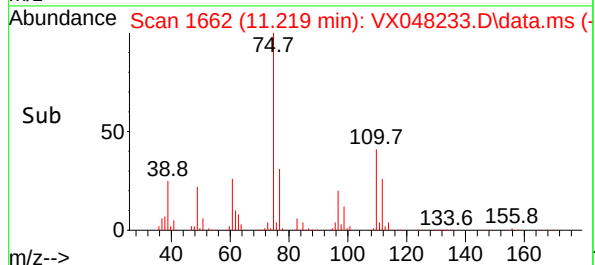
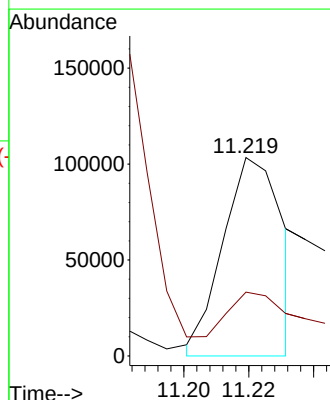
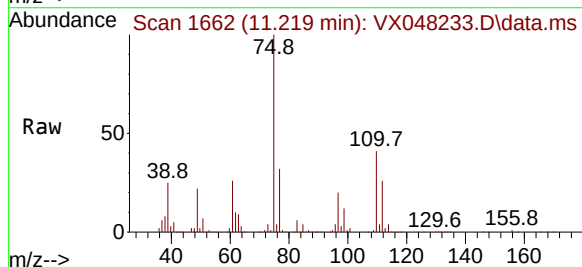
Manual Integrations
APPROVED

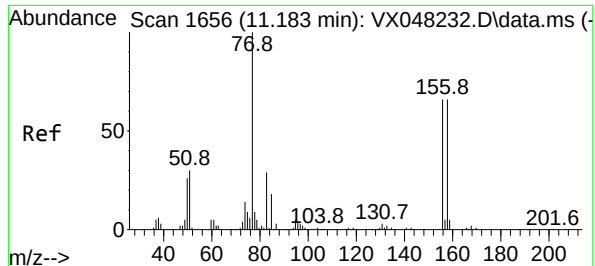
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#76
1,2,3-Trichloropropane
Concen: 106.083 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

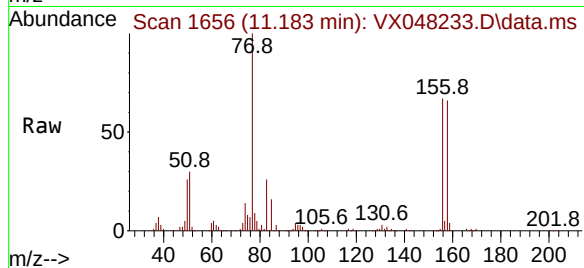
Tgt Ion: 75 Resp: 130599
Ion Ratio Lower Upper
75 100
77 45.0 22.4 67.2





#77
Bromobenzene
Concen: 109.475 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

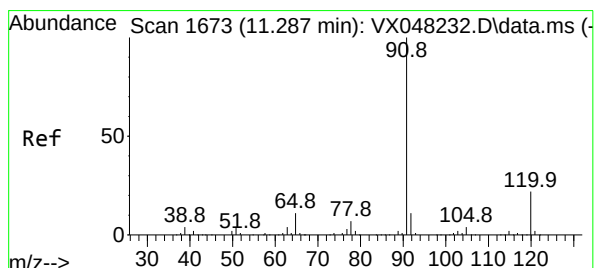
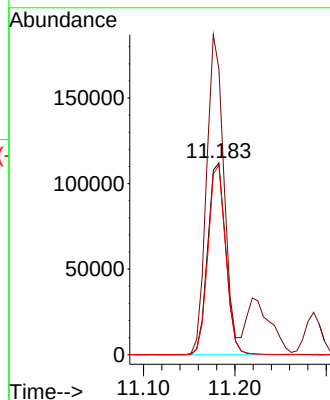
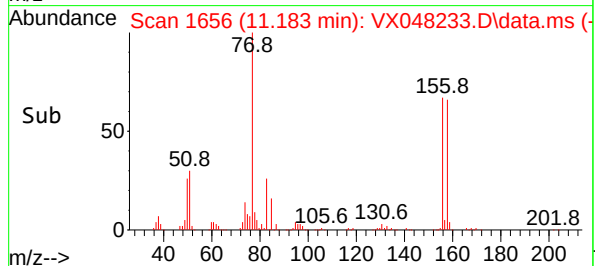
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



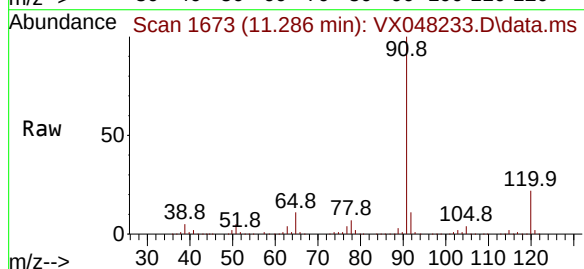
Tgt Ion:156 Resp: 153619
Ion Ratio Lower Upper
156 100
77 159.4 87.0 261.0
158 96.9 47.8 143.4

Manual Integrations
APPROVED

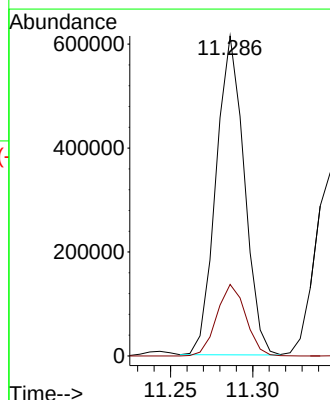
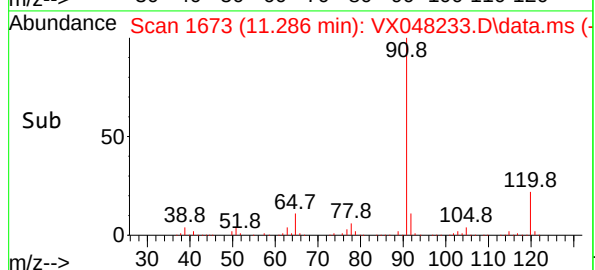
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

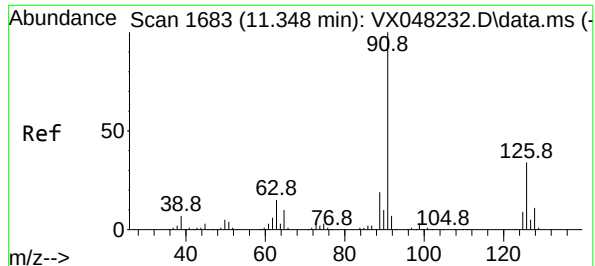


#78
n-propylbenzene
Concen: 107.747 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22



Tgt Ion: 91 Resp: 732684
Ion Ratio Lower Upper
91 100
120 23.0 11.1 33.1





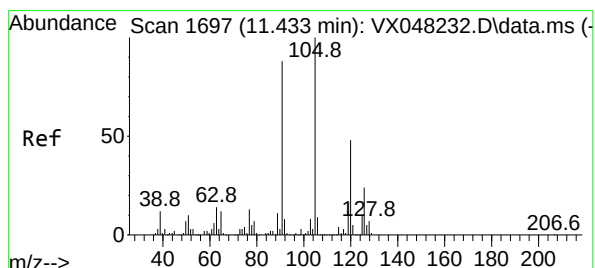
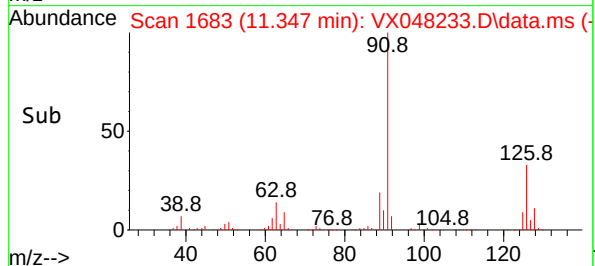
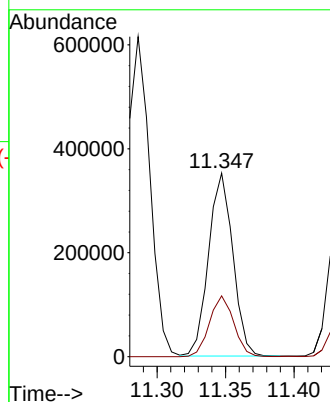
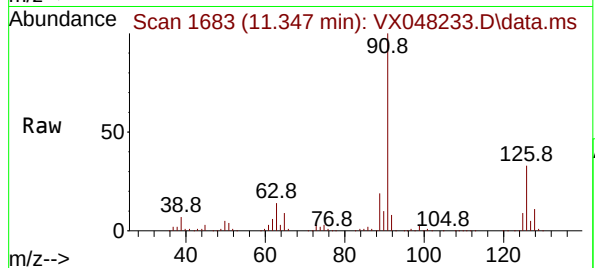
#79
2-Chlorotoluene
Concen: 105.691 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 43421
Ion Ratio Lower Upper
91 100
126 33.2 16.4 49.4

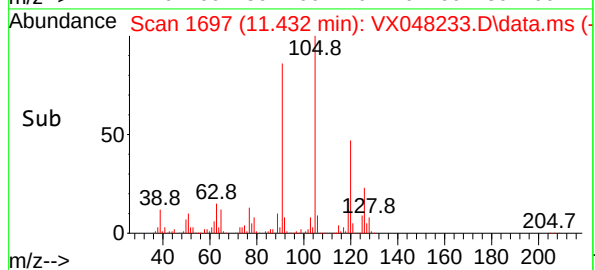
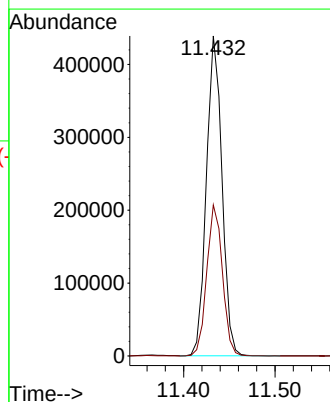
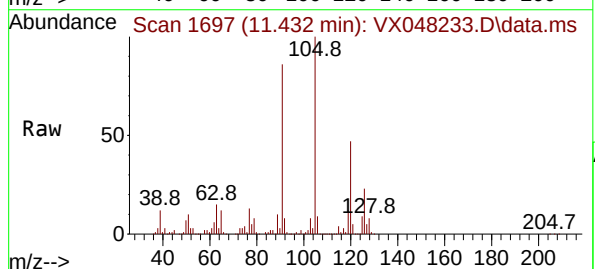
Manual Integrations
APPROVED

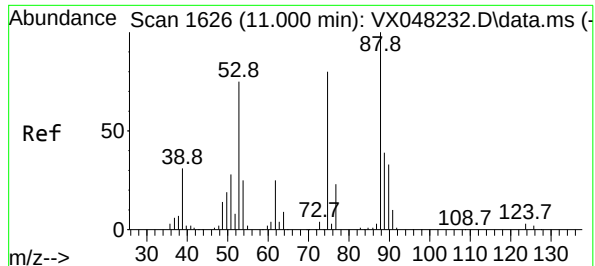
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 112.876 ug/l
RT: 11.432 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:105 Resp: 519549
Ion Ratio Lower Upper
105 100
120 47.6 24.0 72.0





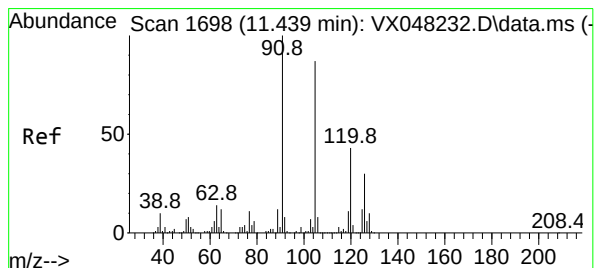
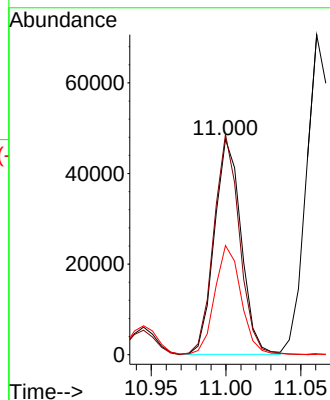
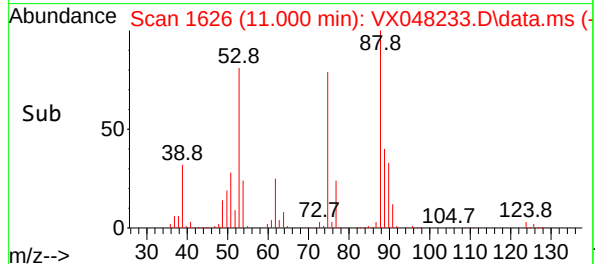
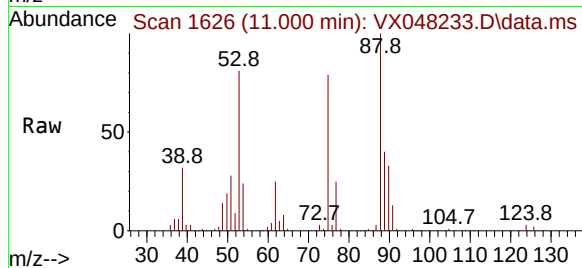
#81
trans-1,4-Dichloro-2-butene
Concen: 117.466 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 59059
Ion Ratio Lower Upper
75 100
53 98.7 79.5 119.3
89 49.9 36.8 55.2

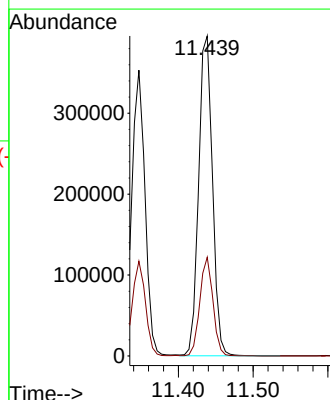
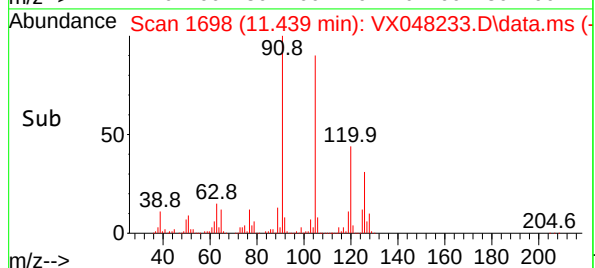
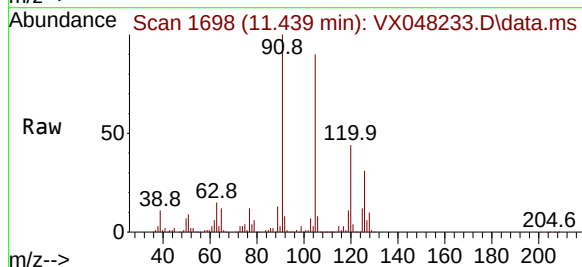
Manual Integrations
APPROVED

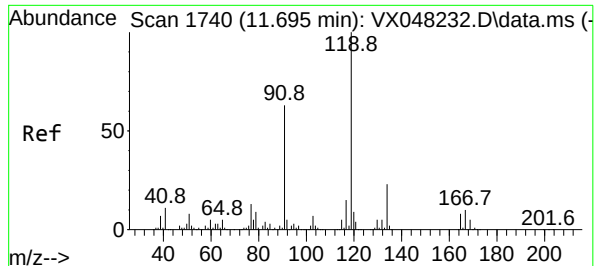
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#82
4-Chlorotoluene
Concen: 104.983 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 91 Resp: 506861
Ion Ratio Lower Upper
91 100
126 29.5 14.1 42.4





#83

tert-Butylbenzene

Concen: 113.817 ug/l

RT: 11.695 min Scan# 1740

Delta R.T. -0.000 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:119 Resp: 529264

Ion Ratio Lower Upper

119 100

91 59.1 30.3 91.0

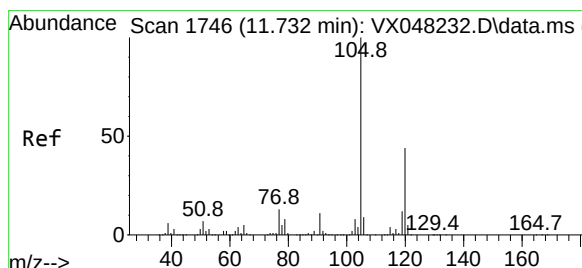
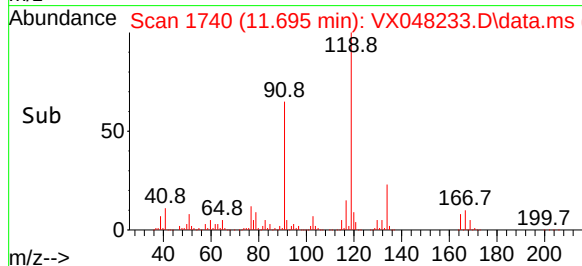
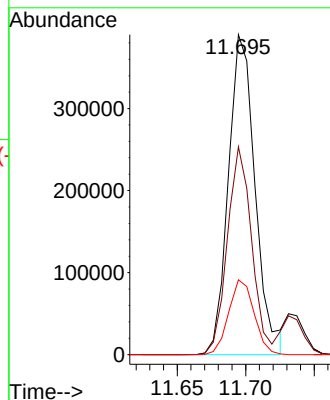
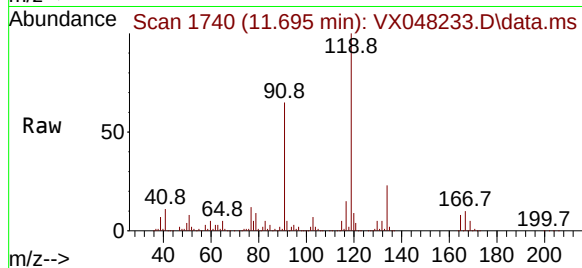
134 22.3 11.4 34.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#84

1,2,4-Trimethylbenzene

Concen: 114.214 ug/l

RT: 11.731 min Scan# 1746

Delta R.T. -0.000 min

Lab File: VX048233.D

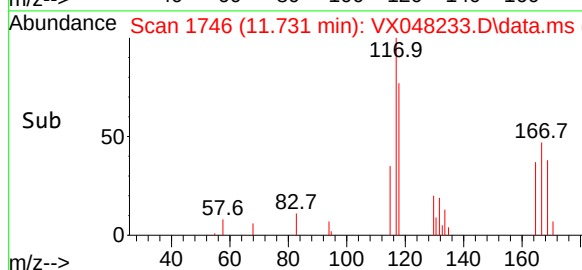
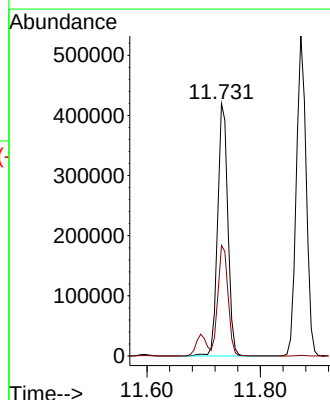
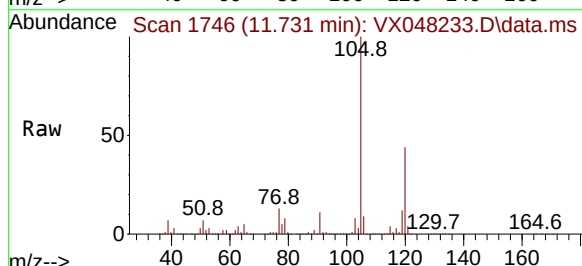
Acq: 20 Oct 2025 12:22

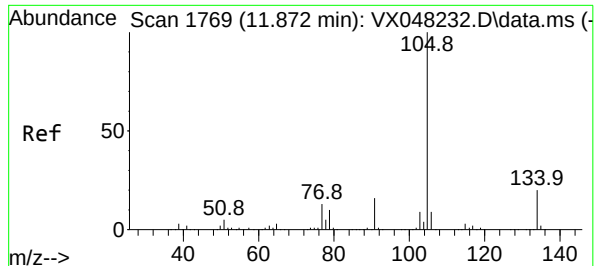
Tgt Ion:105 Resp: 523474

Ion Ratio Lower Upper

105 100

120 43.5 22.1 66.5





#85

sec-Butylbenzene

Concen: 112.562 ug/l

RT: 11.871 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:105 Resp: 639904

Ion Ratio Lower Upper

105 100

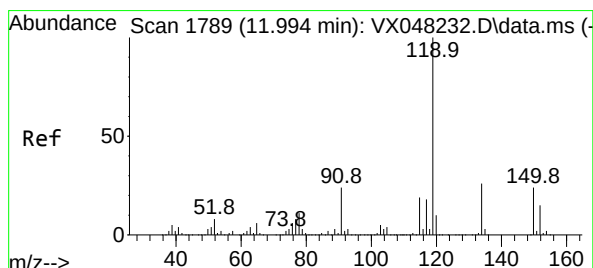
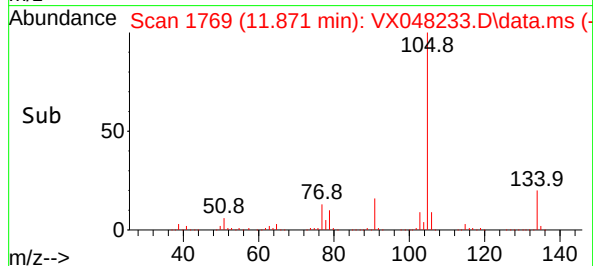
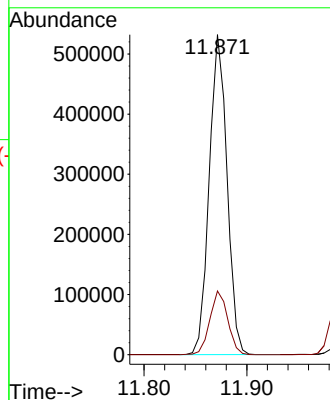
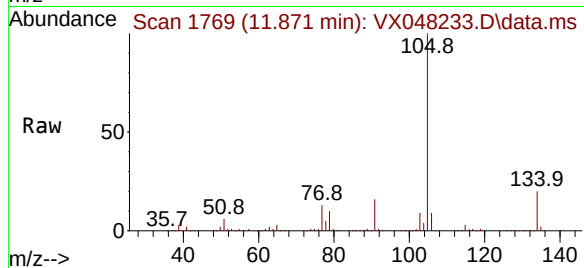
134 20.1 10.1 30.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#86

p-Isopropyltoluene

Concen: 114.386 ug/l

RT: 11.987 min Scan# 1788

Delta R.T. -0.000 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

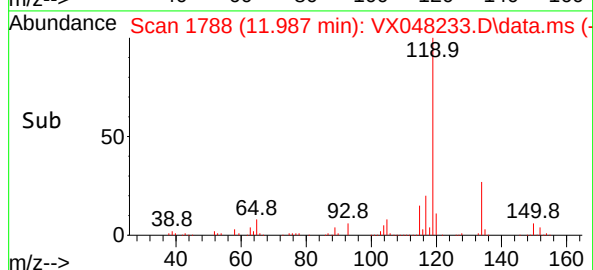
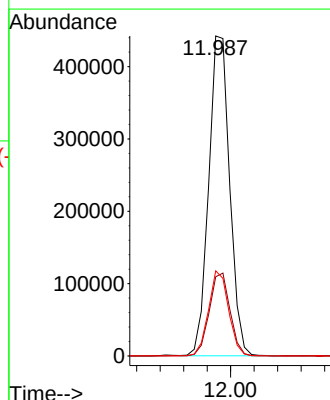
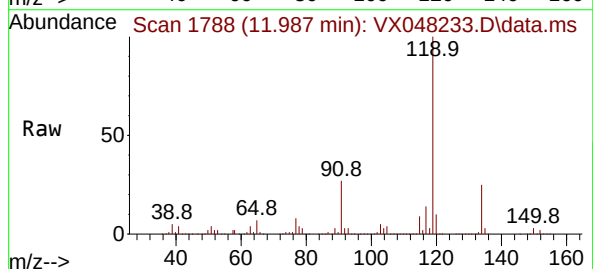
Tgt Ion:119 Resp: 548119

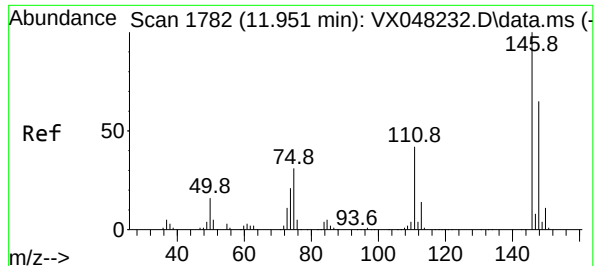
Ion Ratio Lower Upper

119 100

134 25.7 13.0 39.0

91 25.5 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 107.314 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:146 Resp: 28161

Ion Ratio Lower Upper

146 100

111 42.4 20.4 61.2

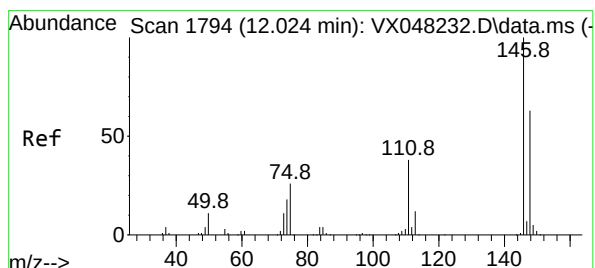
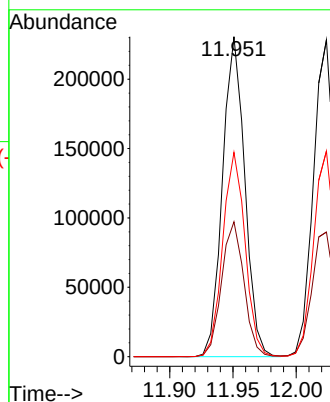
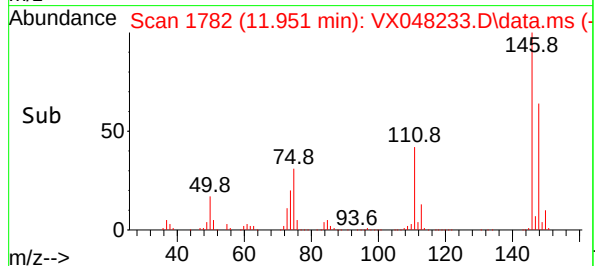
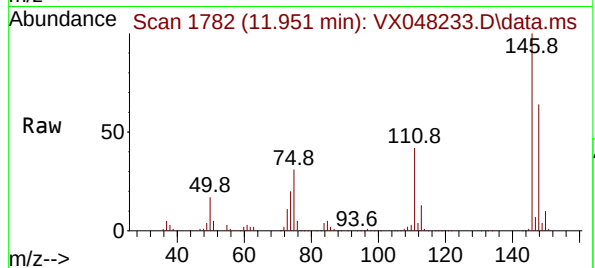
148 64.2 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#88

1,4-Dichlorobenzene

Concen: 102.163 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

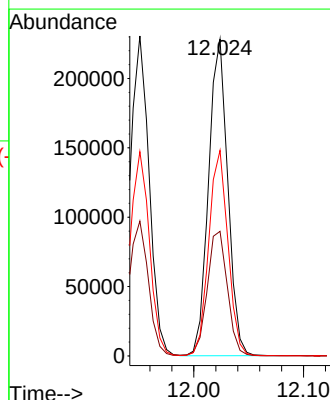
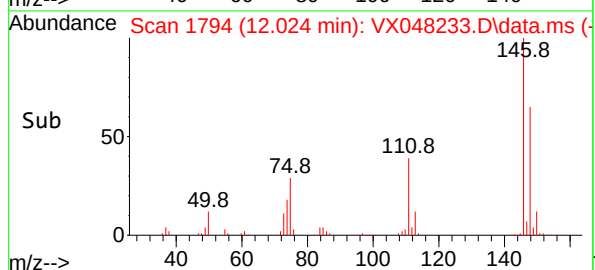
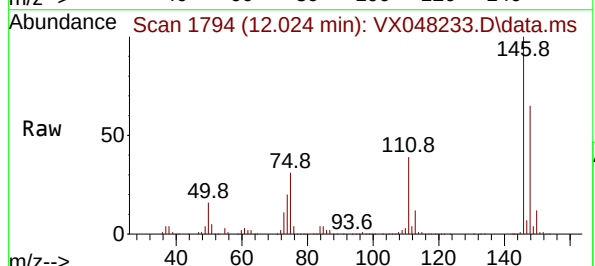
Tgt Ion:146 Resp: 277908

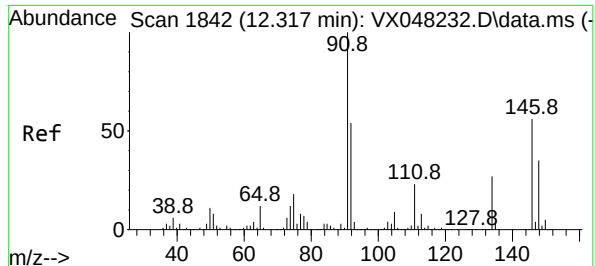
Ion Ratio Lower Upper

146 100

111 41.3 20.1 60.2

148 65.0 31.8 95.3





#89

n-Butylbenzene

Concen: 111.016 ug/l

RT: 12.316 min Scan# 1842

Delta R.T. 0.006 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 91 Resp: 495486

Ion Ratio Lower Upper

91 100

92 54.3 26.9 80.6

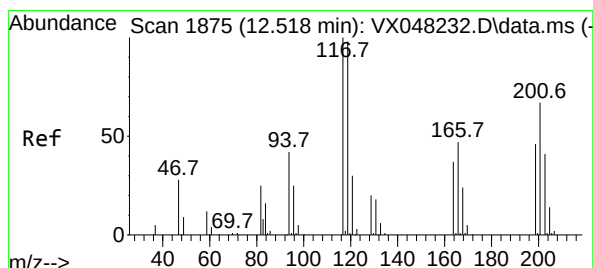
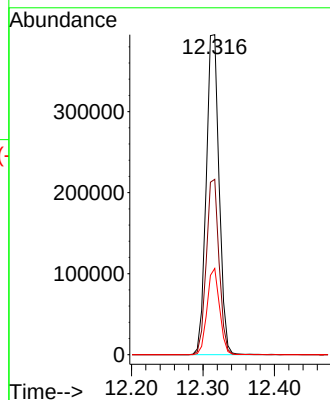
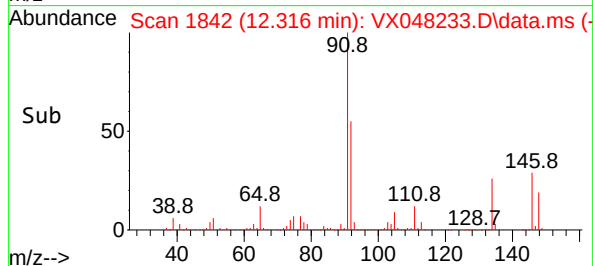
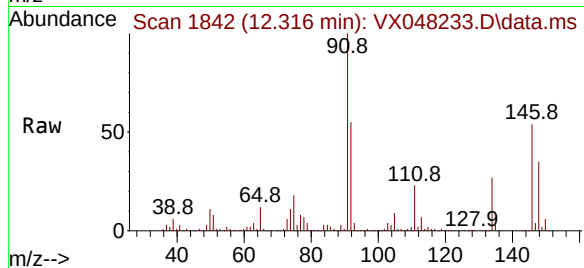
134 26.1 12.7 38.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#90

Hexachloroethane

Concen: 105.851 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VX048233.D

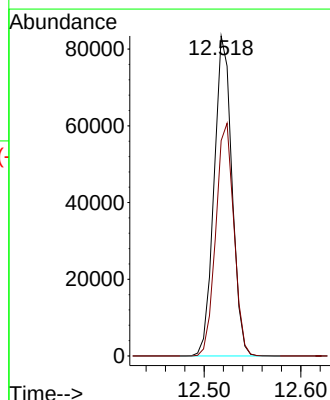
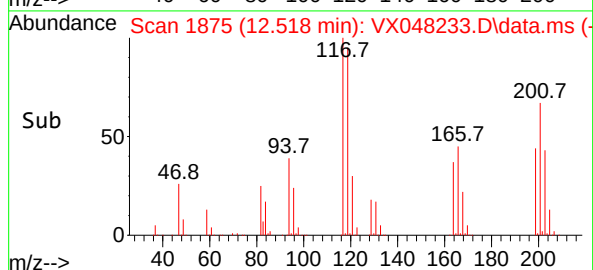
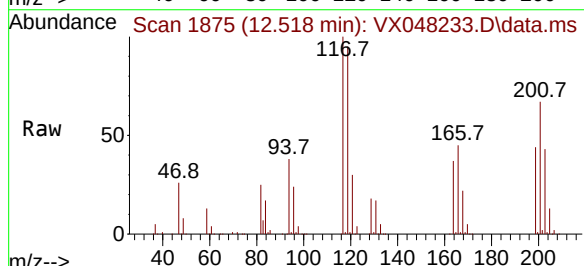
Acq: 20 Oct 2025 12:22

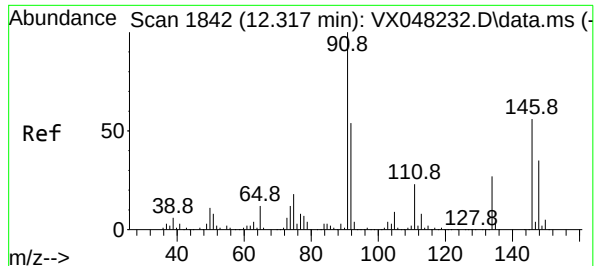
Tgt Ion:117 Resp: 107057

Ion Ratio Lower Upper

117 100

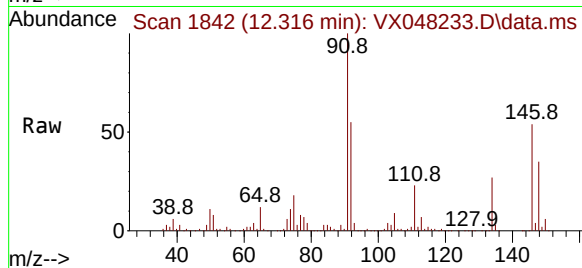
201 73.5 34.1 102.2





#91
1,2-Dichlorobenzene
Concen: 105.277 ug/l
RT: 12.316 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

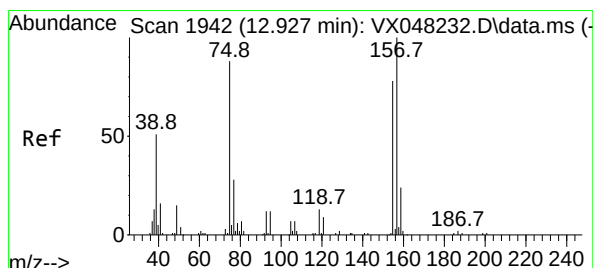
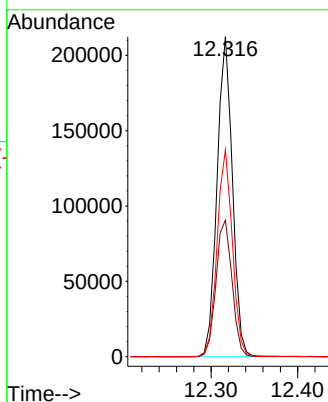
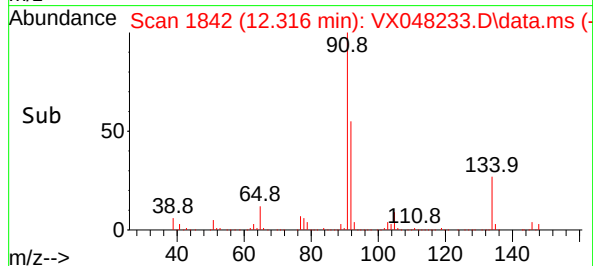
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:146 Resp: 26102
Ion Ratio Lower Upper
146 100
111 44.7 21.9 65.5
148 64.5 31.9 95.5

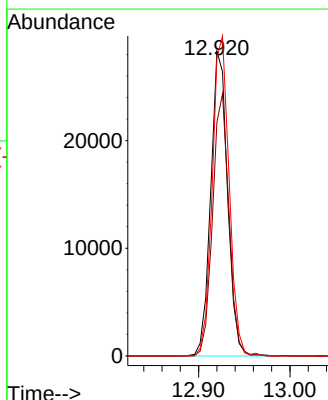
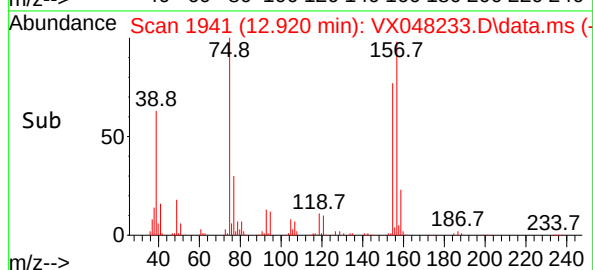
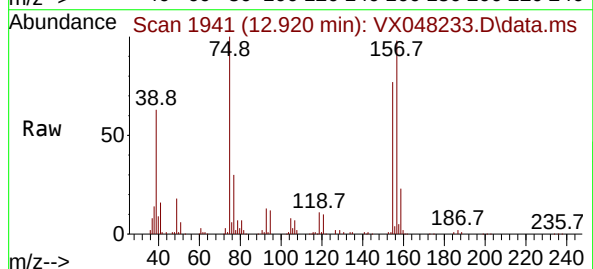
Manual Integrations
APPROVED

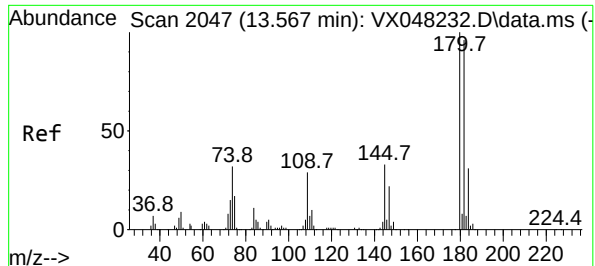
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 124.320 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 75 Resp: 36087
Ion Ratio Lower Upper
75 100
155 83.6 42.8 128.4
157 105.4 54.2 162.6





#93

1,2,4-Trichlorobenzene

Concen: 122.679 ug/l

RT: 13.566 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:180 Resp: 17956

Ion Ratio Lower Upper

180 100

182 94.4 47.3 142.0

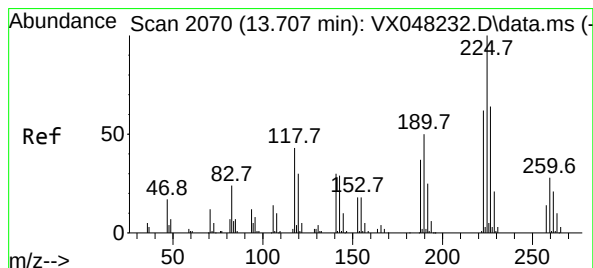
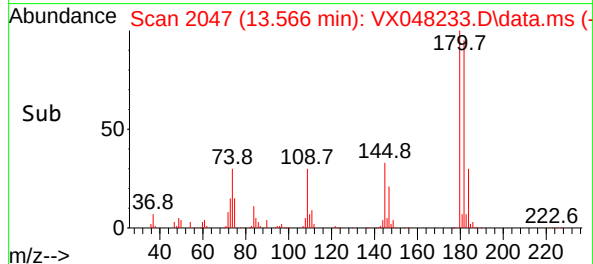
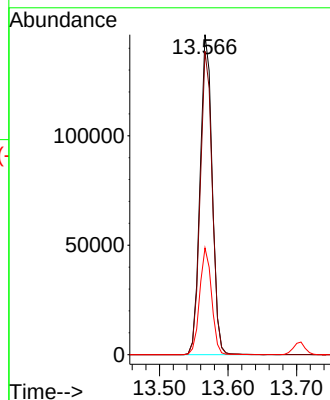
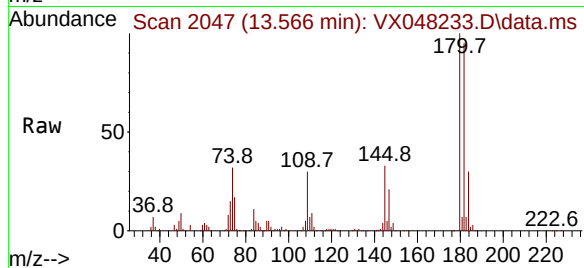
145 33.0 16.3 48.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#94

Hexachlorobutadiene

Concen: 121.605 ug/l

RT: 13.706 min Scan# 2070

Delta R.T. 0.006 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

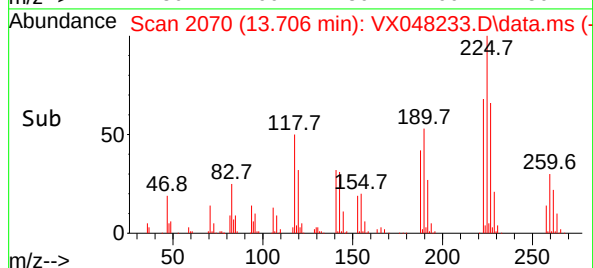
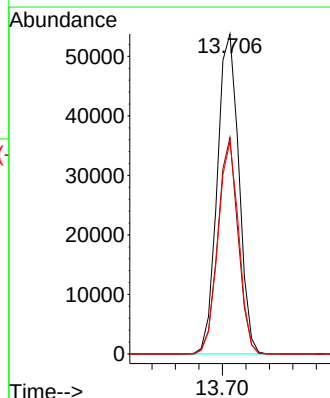
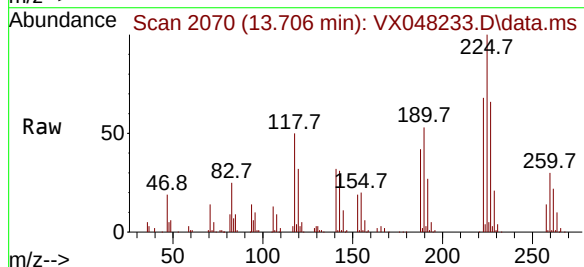
Tgt Ion:225 Resp: 68645

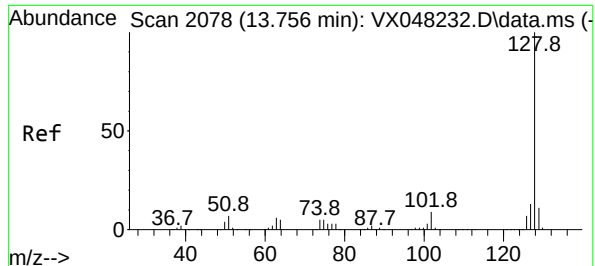
Ion Ratio Lower Upper

225 100

223 63.3 32.6 97.7

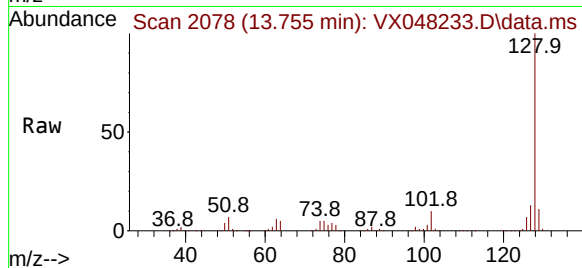
227 63.5 32.5 97.4





#95
Naphthalene
Concen: 132.536 ug/l
RT: 13.755 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

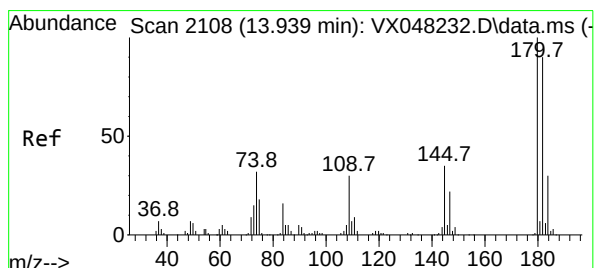
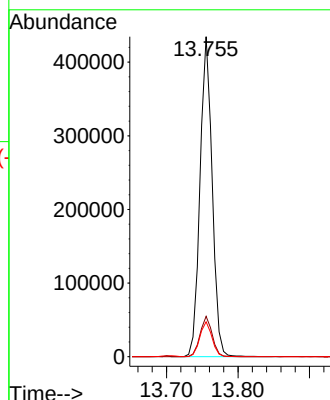
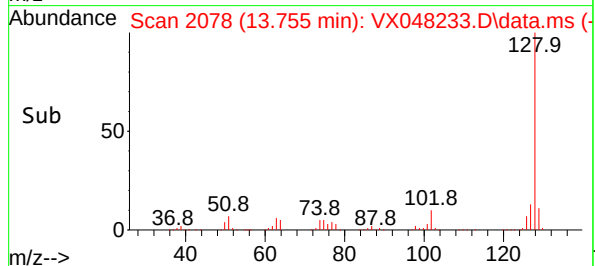
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:128 Resp: 511358
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.9 8.6 12.8

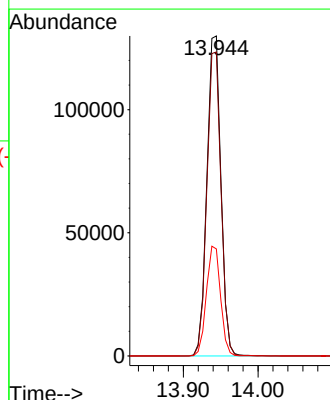
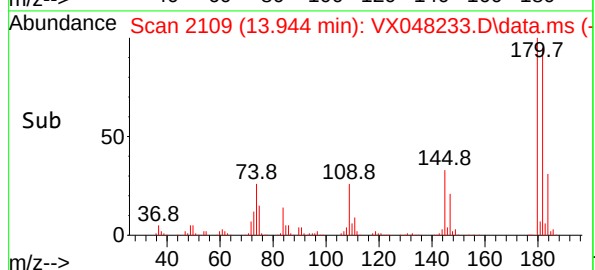
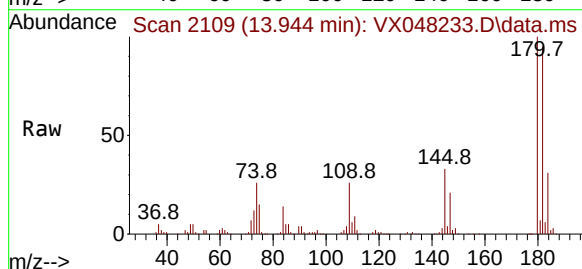
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#96
1,2,3-Trichlorobenzene
Concen: 125.328 ug/l
RT: 13.944 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:180 Resp: 169248
Ion Ratio Lower Upper
180 100
182 95.5 46.6 139.7
145 34.6 16.9 50.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
 Data File : VX048234.D
 Acq On : 20 Oct 2025 12:43
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025

Quant Time: Oct 20 13:01:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 12:35:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	112063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	180904	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	155759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	75397	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	234807	135.251	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 270.500%#			
35) Dibromofluoromethane	5.373	113	188821	150.393	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 300.780%#			
50) Toluene-d8	8.635	98	648652	143.408	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 286.820%#			
62) 4-Bromofluorobenzene	11.061	95	239298	145.255	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 290.520%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	169514	144.124	ug/l	95
3) Chloromethane	1.301	50	158322	111.112	ug/l	99
4) Vinyl Chloride	1.380	62	149708	99.710	ug/l	99
5) Bromomethane	1.605	94	92946	93.091	ug/l	97
6) Chloroethane	1.685	64	89813	93.997	ug/l	96
7) Trichlorofluoromethane	1.892	101	292007	123.905	ug/l	99
8) Diethyl Ether	2.136	74	81474	101.352	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	184438	138.880	ug/l	96
10) Methyl Iodide	2.453	142	249395	156.785	ug/l	100
11) Tert butyl alcohol	2.959	59	107295	931.439	ug/l	100
12) 1,1-Dichloroethene	2.325	96	178408	137.389	ug/l	95
13) Acrolein	2.239	56	123365	509.584	ug/l	99
14) Allyl chloride	2.666	41	293697	125.734	ug/l	98
15) Acrylonitrile	3.062	53	412892	748.019	ug/l	100
16) Acetone	2.380	43	347029	585.970	ug/l	99
17) Carbon Disulfide	2.514	76	515144	128.936	ug/l	100
18) Methyl Acetate	2.697	43	169402	140.438	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	593033	151.611	ug/l	97
20) Methylene Chloride	2.788	84	190483	132.030	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	187495	139.566	ug/l	98
22) Diisopropyl ether	3.757	45	571951	125.048	ug/l	93
23) Vinyl Acetate	3.715	43	2367511	692.251	ug/l	96
24) 1,1-Dichloroethane	3.605	63	342500	131.992	ug/l	99
25) 2-Butanone	4.544	43	487152	706.046	ug/l	96
26) 2,2-Dichloropropane	4.465	77	310572	140.027	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	222359	139.465	ug/l	98
28) Bromochloromethane	4.891	49	151812	126.922	ug/l	87
29) Tetrahydrofuran	4.989	42	301745	744.697	ug/l	94
30) Chloroform	5.080	83	358626	131.272	ug/l	98
31) Cyclohexane	5.464	56	291302	137.199	ug/l	91
32) 1,1,1-Trichloroethane	5.373	97	338462	150.785	ug/l	98
36) 1,1-Dichloropropene	5.684	75	249688	141.173	ug/l	99
37) Ethyl Acetate	4.702	43	208614	147.588	ug/l	97
38) Carbon Tetrachloride	5.666	117	307892	151.663	ug/l	100
39) Methylcyclohexane	7.367	83	315911	158.416	ug/l	95
40) Benzene	6.025	78	730908	139.172	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
 Data File : VX048234.D
 Acq On : 20 Oct 2025 12:43
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025

Quant Time: Oct 20 13:01:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 12:35:14 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	115351	152.378	ug/l	97
42) 1,2-Dichloroethane	6.074	62	269245	143.093	ug/l	99
43) Isopropyl Acetate	6.324	43	361084	152.180	ug/l	96
44) Trichloroethene	7.110	130	197244	149.022	ug/l	98
45) 1,2-Dichloropropane	7.415	63	180619	135.890	ug/l	99
46) Dibromomethane	7.568	93	135105	141.273	ug/l	94
47) Bromodichloromethane	7.805	83	292063	141.302	ug/l	97
48) Methyl methacrylate	7.677	41	184354	151.780	ug/l	95
49) 1,4-Dioxane	7.647	88	49895	4563.512	ug/l	88
51) 4-Methyl-2-Pentanone	8.561	43	983125	744.604	ug/l	94
52) Toluene	8.702	92	460742	145.964	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	300251	155.059	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	317375	150.373	ug/l	94
55) 1,1,2-Trichloroethane	9.135	97	169894	144.250	ug/l	98
56) Ethyl methacrylate	9.104	69	272177	169.911	ug/l	94
57) 1,3-Dichloropropane	9.293	76	293650	142.707	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.232	63	705780	858.056	ug/l	95
59) 2-Hexanone	9.415	43	694736	752.256	ug/l	96
60) Dibromochloromethane	9.506	129	226642	153.740	ug/l	99
61) 1,2-Dibromoethane	9.592	107	182208	150.876	ug/l	99
64) Tetrachloroethene	9.263	164	168581	154.361	ug/l	91
65) Chlorobenzene	10.061	112	514967	151.209	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	191186	155.782	ug/l	98
67) Ethyl Benzene	10.177	91	898137	153.825	ug/l	99
68) m/p-Xylenes	10.287	106	661019	303.896	ug/l	99
69) o-Xylene	10.622	106	320334	156.444	ug/l	99
70) Styrene	10.640	104	548149	155.523	ug/l	98
71) Bromoform	10.781	173	152209	168.892	ug/l #	99
73) Isopropylbenzene	10.945	105	849183	161.931	ug/l	100
74) N-amyl acetate	10.829	43	314879	160.952	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.195	83	224486	151.104	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	181434m	157.586	ug/l	
77) Bromobenzene	11.183	156	207212	157.899	ug/l	94
78) n-propylbenzene	11.287	91	991960	155.984	ug/l	98
79) 2-Chlorotoluene	11.348	91	585792	152.465	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	699885	162.591	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	83158	176.858	ug/l	97
82) 4-Chlorotoluene	11.439	91	691903	153.240	ug/l	99
83) tert-Butylbenzene	11.695	119	717642	165.020	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	707074	164.961	ug/l	99
85) sec-Butylbenzene	11.872	105	861466	162.035	ug/l	100
86) p-Isopropyltoluene	11.994	119	738496	164.794	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	386062	157.307	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	386885	152.078	ug/l	100
89) n-Butylbenzene	12.311	91	664071	159.098	ug/l	99
90) Hexachloroethane	12.518	117	145813	154.159	ug/l	94
91) 1,2-Dichlorobenzene	12.317	146	359278	154.946	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	50367	185.536	ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	247472	180.791	ug/l	100
94) Hexachlorobutadiene	13.707	225	92458	175.138	ug/l	100
95) Naphthalene	13.756	128	719433	199.386	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	233671	185.022	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048234.D
Acq On : 20 Oct 2025 12:43
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

Quant Time: Oct 20 13:01:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 12:35:14 2025
Response via : Initial Calibration

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

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

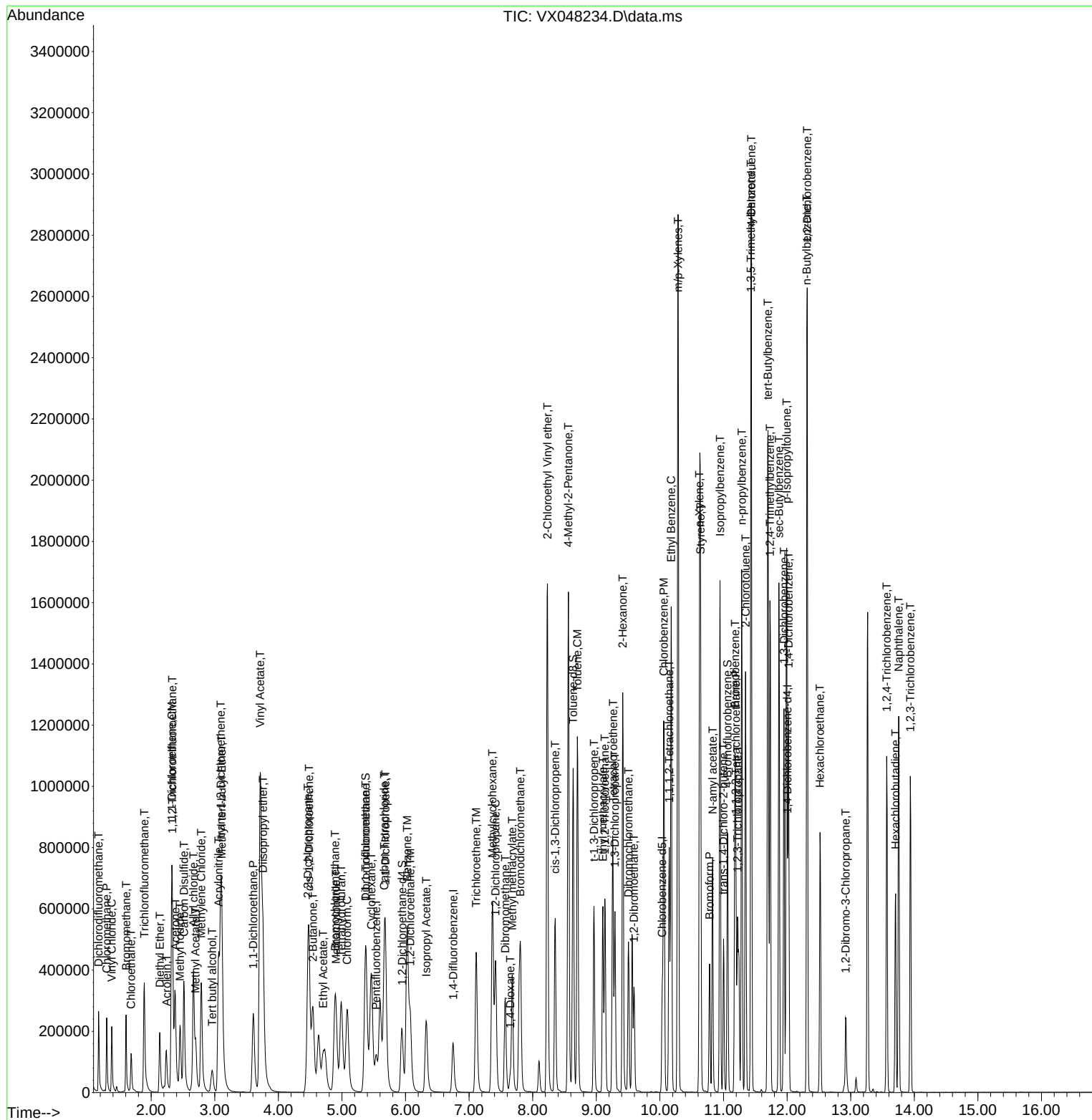
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048234.D
Acq On : 20 Oct 2025 12:43
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

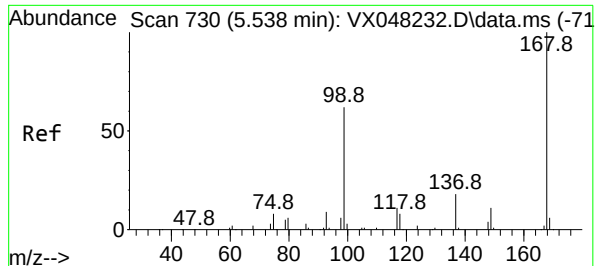
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

Quant Time: Oct 20 13:01:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 12:35:14 2025
Response via : Initial Calibration





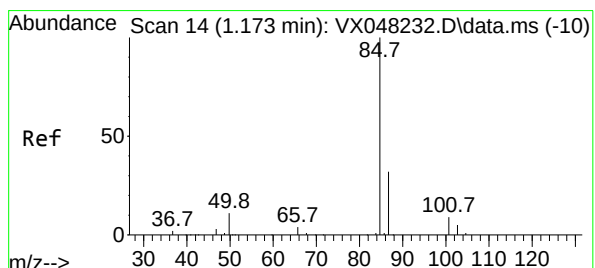
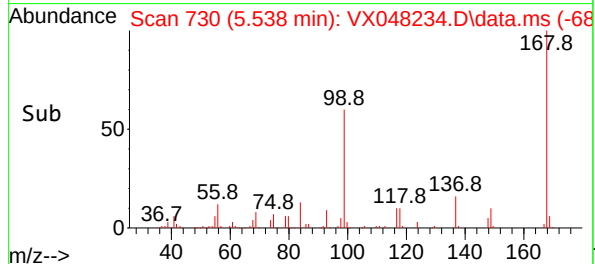
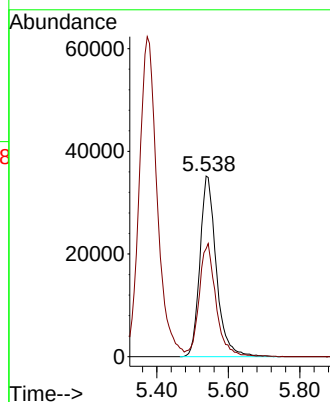
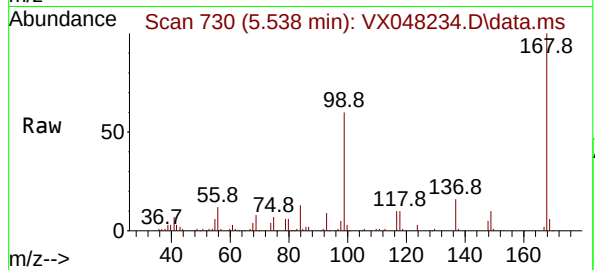
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:168 Resp: 11206
Ion Ratio Lower Upper
168 100
99 59.8 46.4 69.6

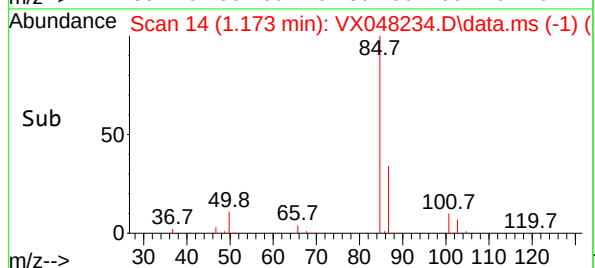
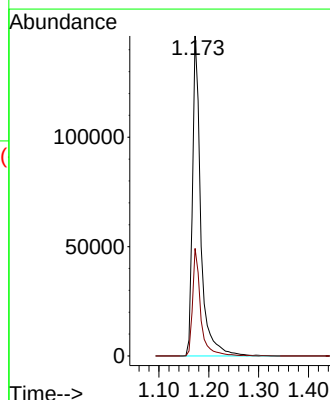
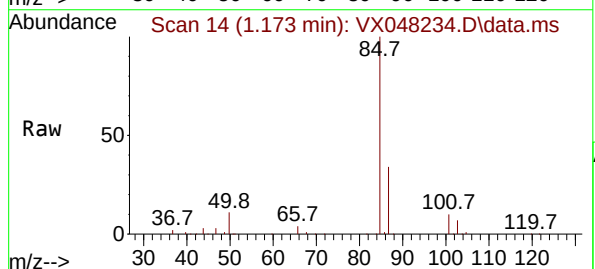
Manual Integrations
APPROVED

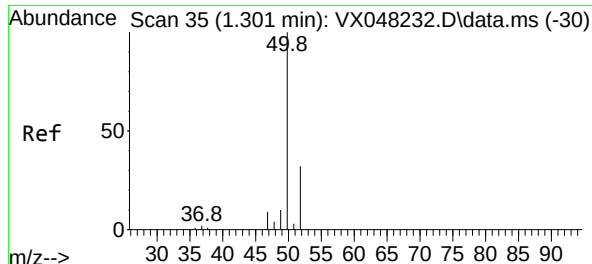
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#2
Dichlorodifluoromethane
Concen: 144.124 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 85 Resp: 169514
Ion Ratio Lower Upper
85 100
87 33.6 15.3 45.9





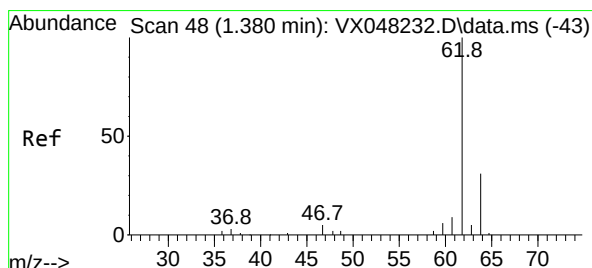
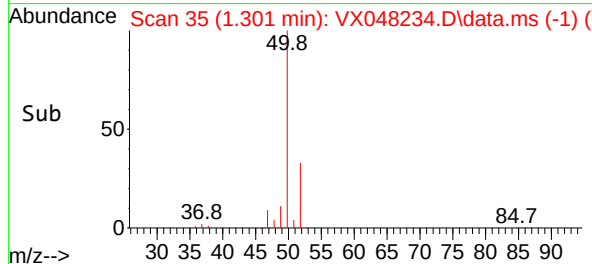
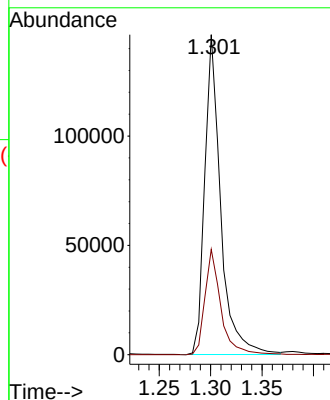
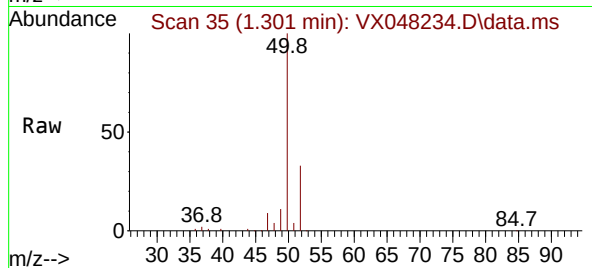
#3
Chloromethane
Concen: 111.112 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 50 Resp: 15832
Ion Ratio Lower Upper
50 100
52 32.9 25.9 38.9

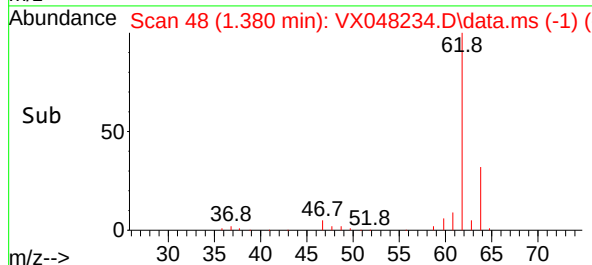
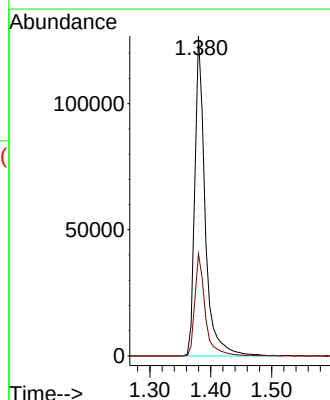
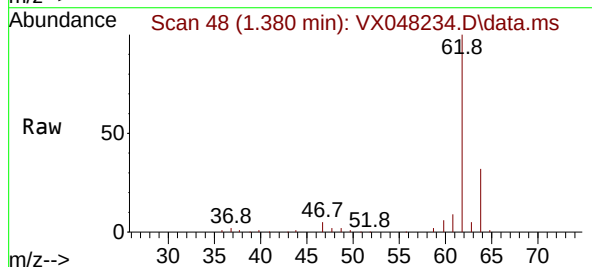
Manual Integrations
APPROVED

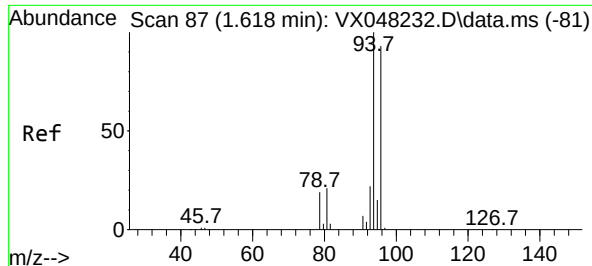
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#4
Vinyl Chloride
Concen: 99.710 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 62 Resp: 149708
Ion Ratio Lower Upper
62 100
64 32.0 25.1 37.7





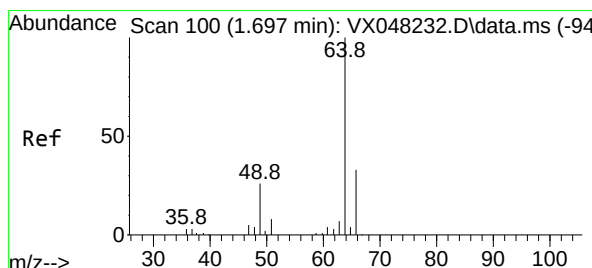
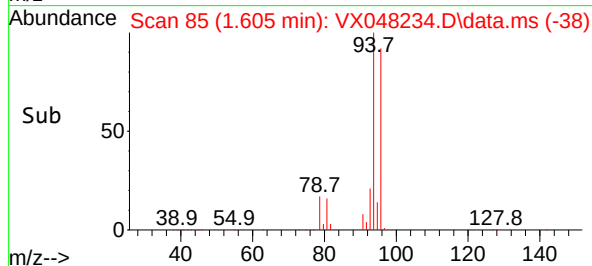
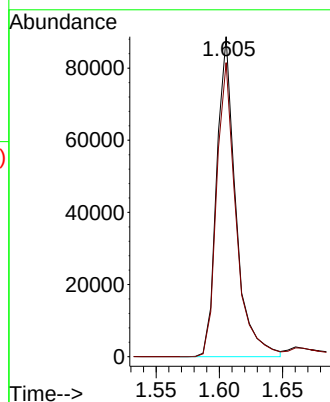
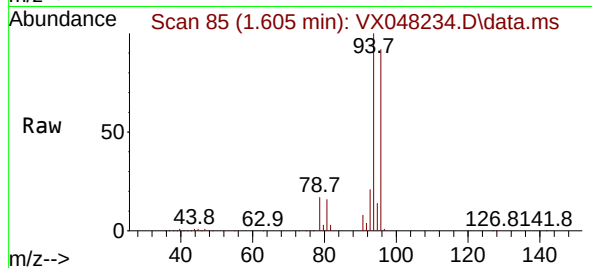
#5
Bromomethane
Concen: 93.091 ug/l
RT: 1.605 min Scan# 81
Delta R.T. -0.012 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 94 Resp: 92940
Ion Ratio Lower Upper
94 100
96 91.9 76.0 114.0

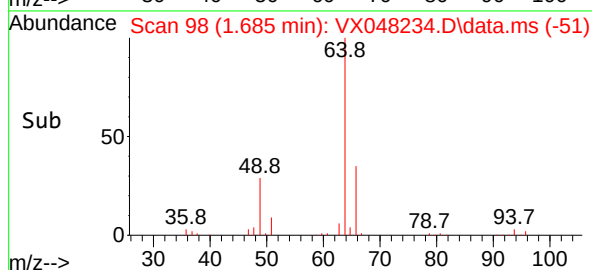
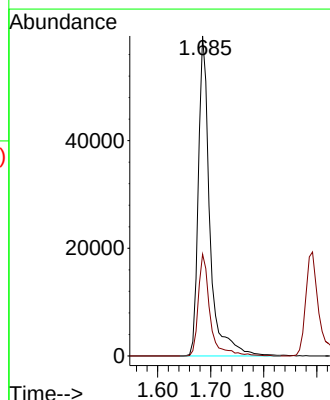
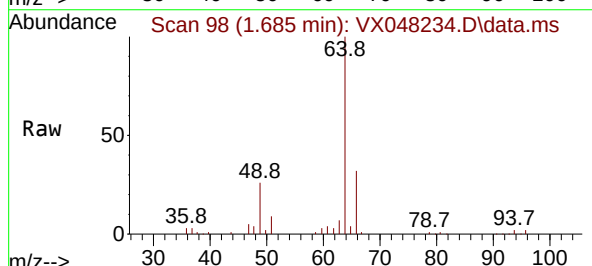
Manual Integrations
APPROVED

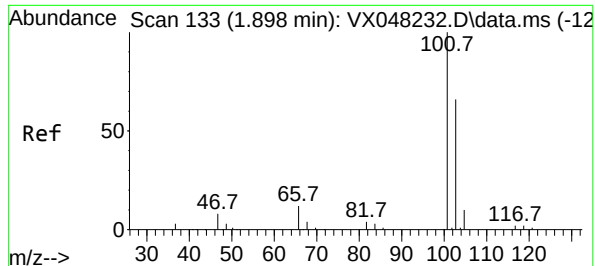
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#6
Chloroethane
Concen: 93.997 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.012 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 64 Resp: 89813
Ion Ratio Lower Upper
64 100
66 31.8 23.9 35.9





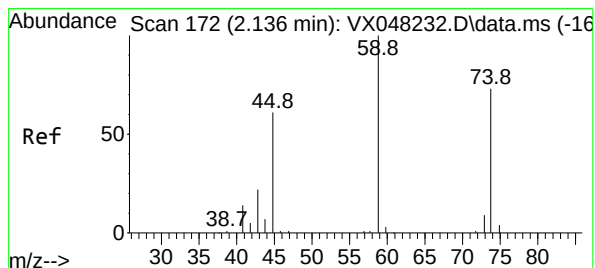
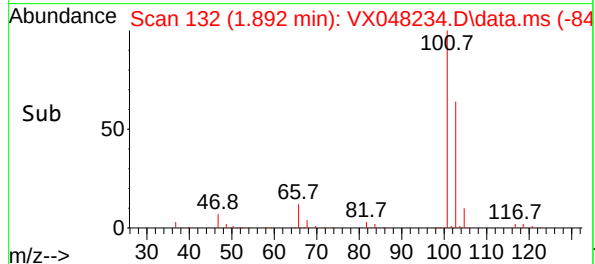
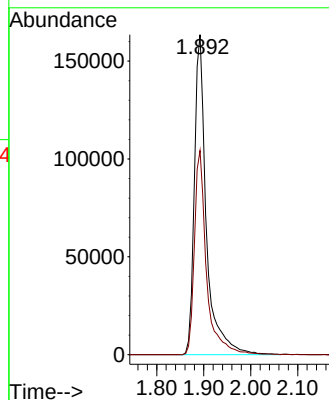
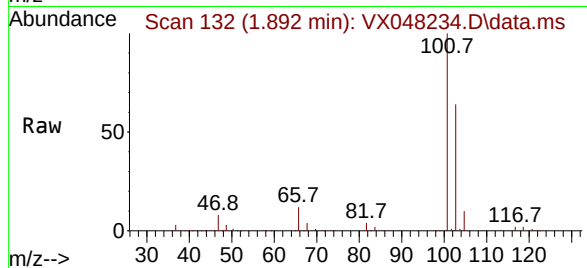
#7
Trichlorofluoromethane
Concen: 123.905 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 29200
Ion Ratio Lower Upper
101 100
103 63.8 51.6 77.4

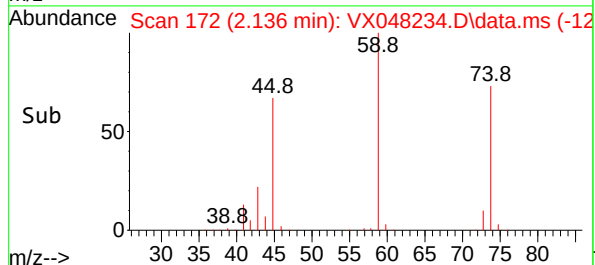
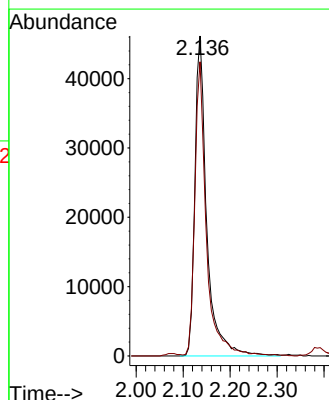
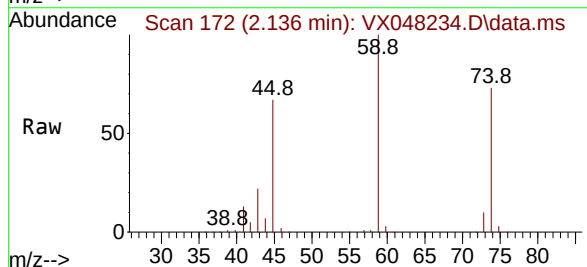
Manual Integrations
APPROVED

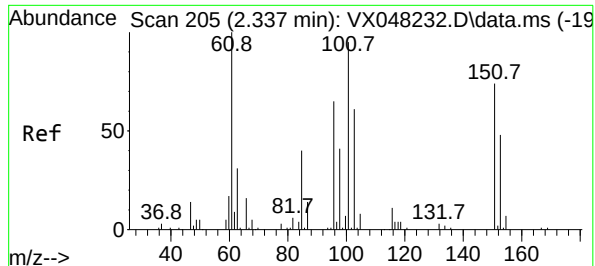
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#8
Diethyl Ether
Concen: 101.352 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 74 Resp: 81474
Ion Ratio Lower Upper
74 100
45 87.5 50.0 149.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 138.880 ug/l

RT: 2.331 min Scan# 205

Delta R.T. -0.006 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:101 Resp: 184438

Ion Ratio Lower Upper

101 100

85 43.3 35.6 53.4

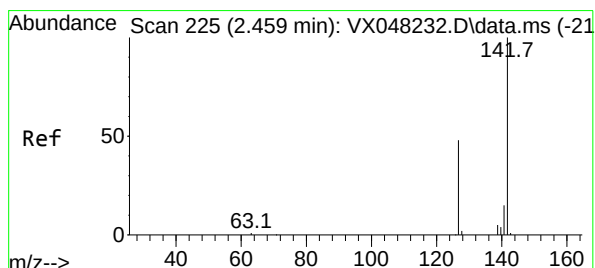
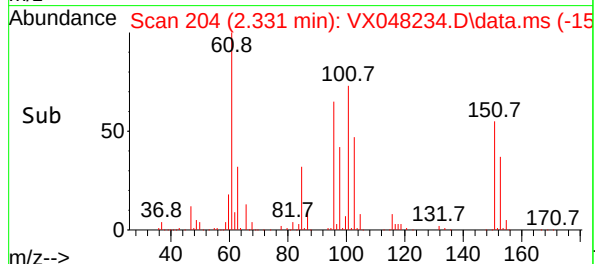
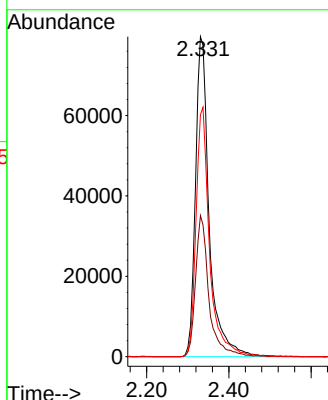
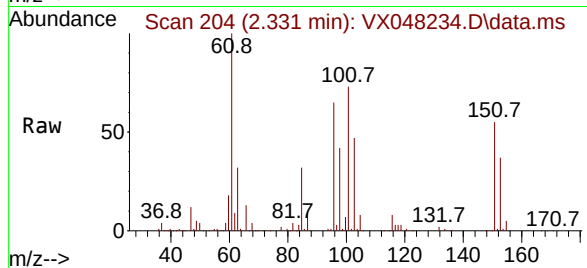
151 77.4 58.0 87.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#10

Methyl Iodide

Concen: 156.785 ug/l

RT: 2.453 min Scan# 224

Delta R.T. -0.006 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

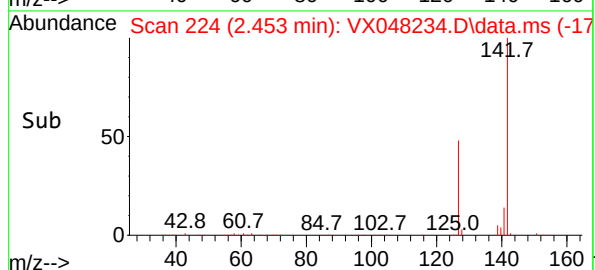
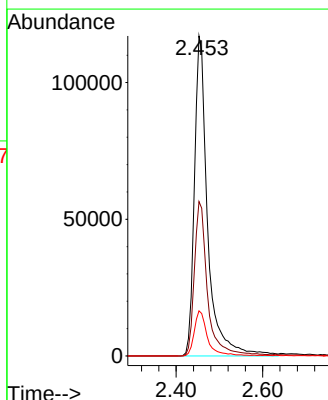
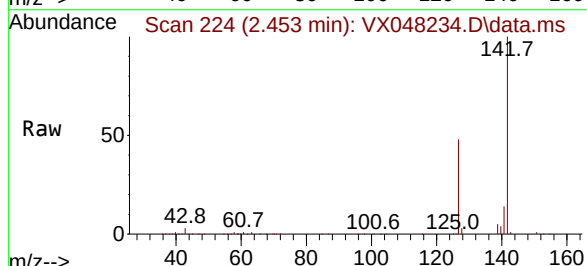
Tgt Ion:142 Resp: 249395

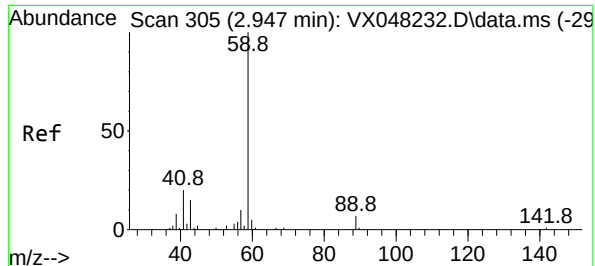
Ion Ratio Lower Upper

142 100

127 48.2 38.5 57.7

141 14.0 11.6 17.4





#11

Tert butyl alcohol

Concen: 931.439 ug/l

RT: 2.959 min Scan# 305

Delta R.T. 0.018 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 59 Resp: 10729

Ion Ratio Lower Upper

59 100

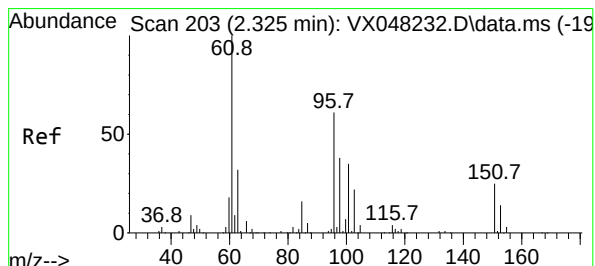
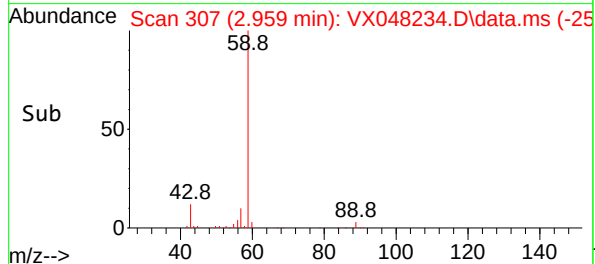
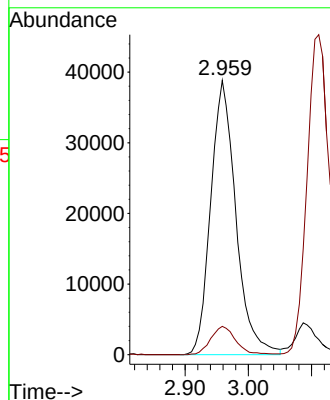
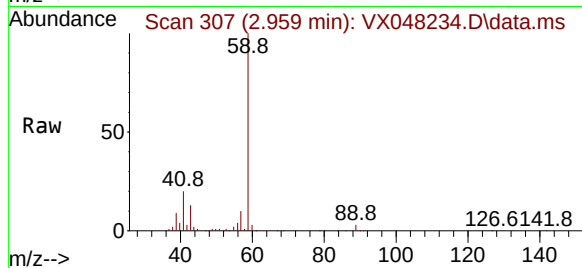
57 10.3 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#12

1,1-Dichloroethene

Concen: 137.389 ug/l

RT: 2.325 min Scan# 203

Delta R.T. -0.000 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

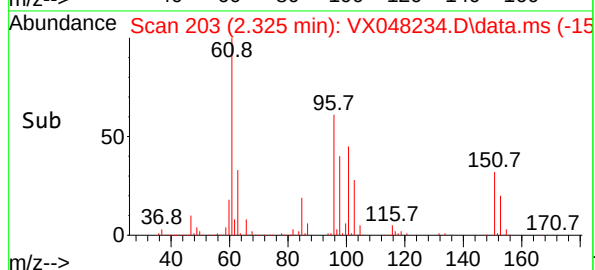
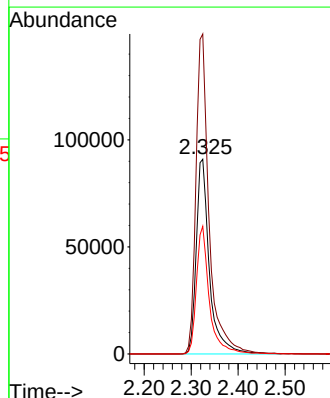
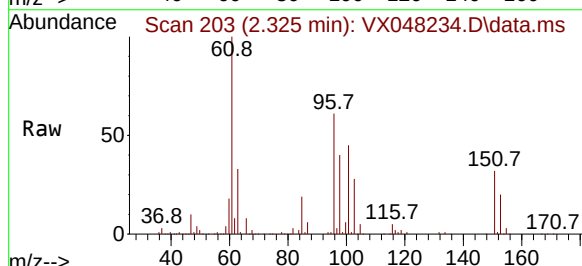
Tgt Ion: 96 Resp: 178408

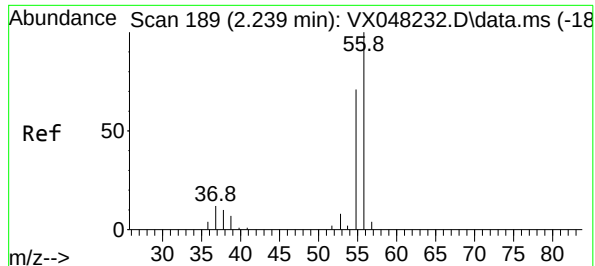
Ion Ratio Lower Upper

96 100

61 164.3 139.0 208.6

98 65.6 52.4 78.6





#13

Acrolein

Concen: 509.584 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.006 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 56 Resp: 12336

Ion Ratio Lower Upper

56 100

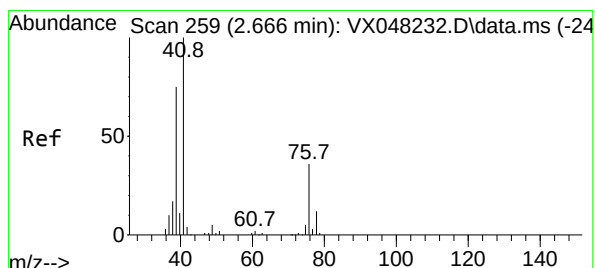
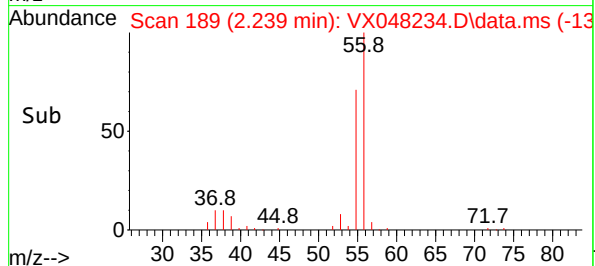
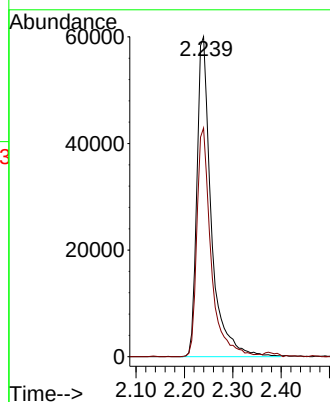
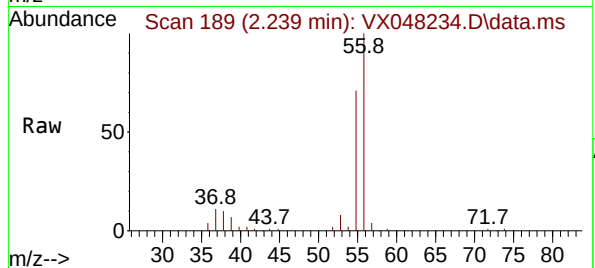
55 70.7 56.1 84.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#14

Allyl chloride

Concen: 125.734 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.000 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

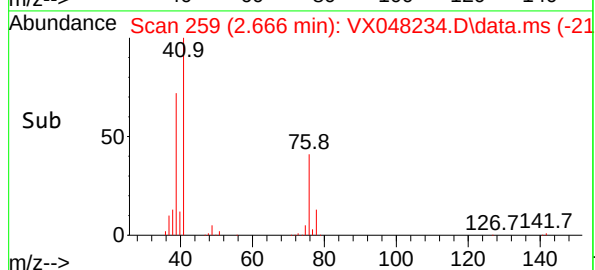
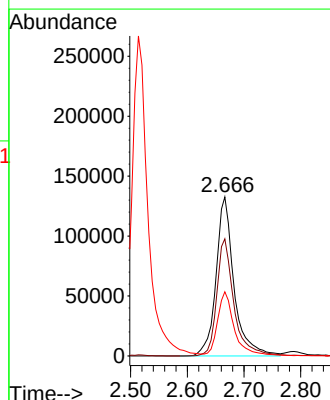
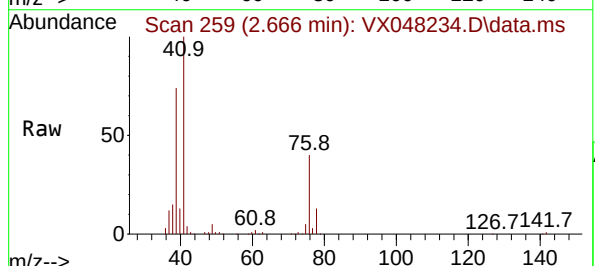
Tgt Ion: 41 Resp: 293697

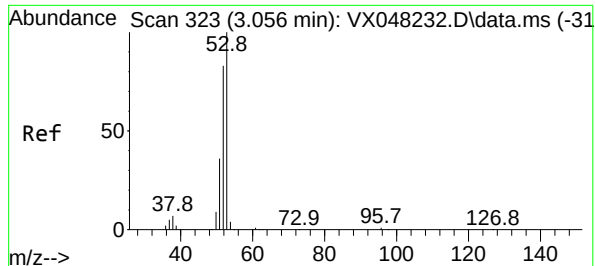
Ion Ratio Lower Upper

41 100

39 70.5 56.0 84.0

76 37.7 27.5 41.3





#15

Acrylonitrile

Concen: 748.019 ug/l

RT: 3.062 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 53 Resp: 412892

Ion Ratio Lower Upper

53 100

52 82.7 66.1 99.1

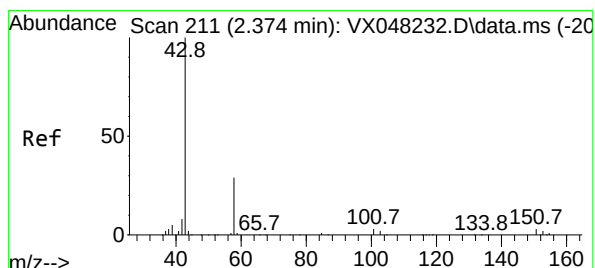
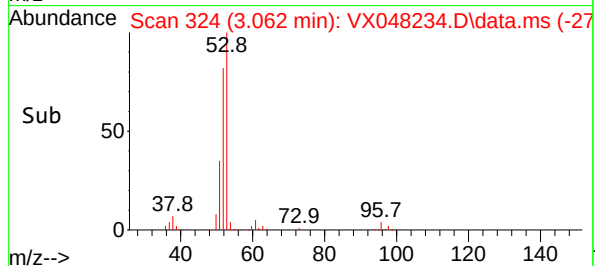
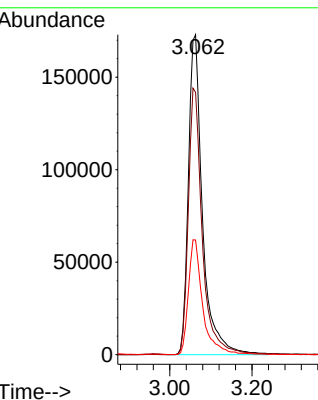
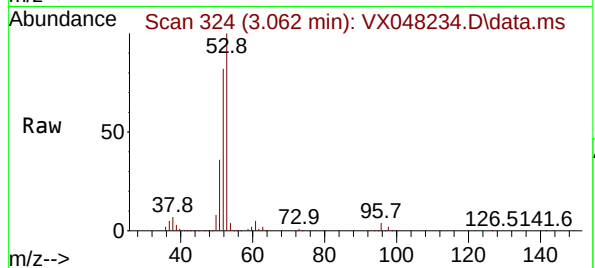
51 36.5 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#16

Acetone

Concen: 585.970 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX048234.D

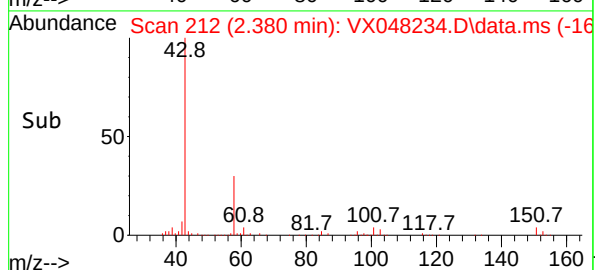
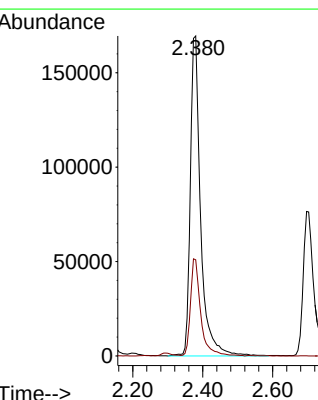
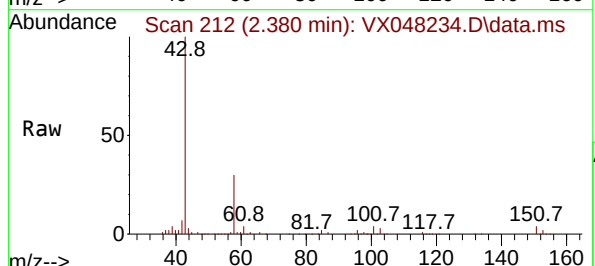
Acq: 20 Oct 2025 12:43

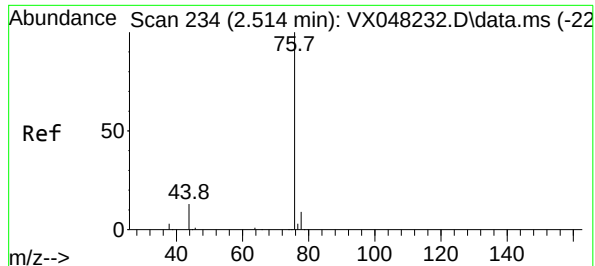
Tgt Ion: 43 Resp: 347029

Ion Ratio Lower Upper

43 100

58 30.0 23.4 35.2





#17

Carbon Disulfide

Concen: 128.936 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 76 Resp: 515144

Ion Ratio Lower Upper

76 100

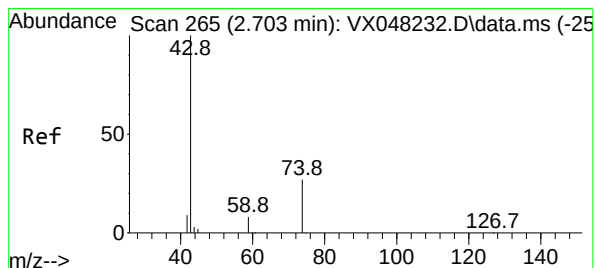
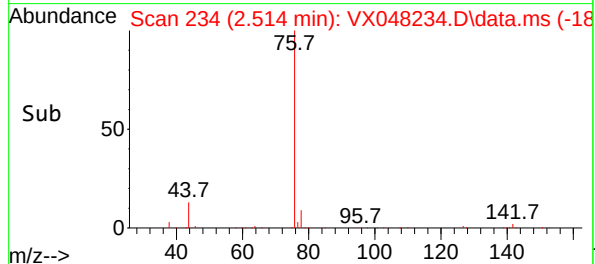
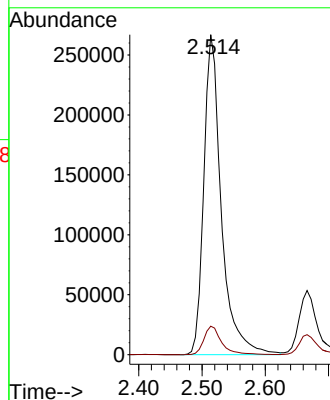
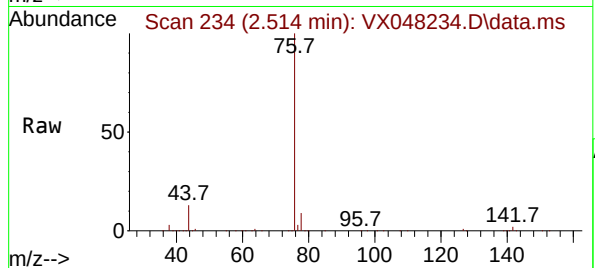
78 8.9 7.1 10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#18

Methyl Acetate

Concen: 140.438 ug/l

RT: 2.697 min Scan# 264

Delta R.T. -0.000 min

Lab File: VX048234.D

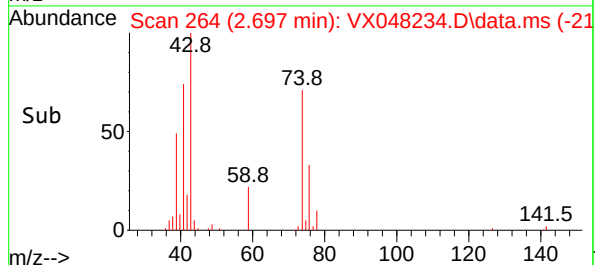
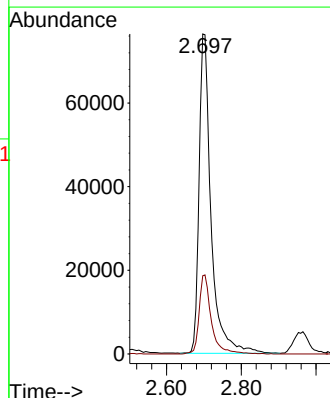
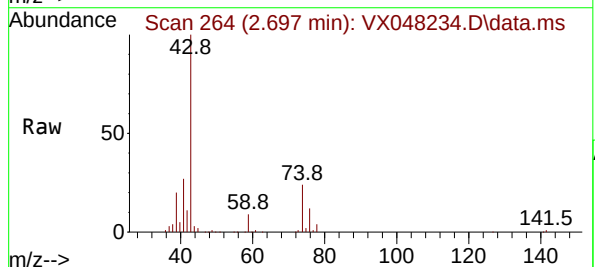
Acq: 20 Oct 2025 12:43

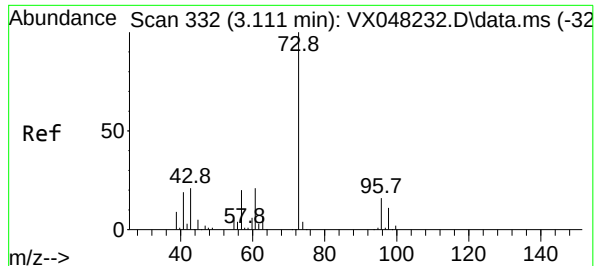
Tgt Ion: 43 Resp: 169402

Ion Ratio Lower Upper

43 100

74 25.2 17.5 26.3





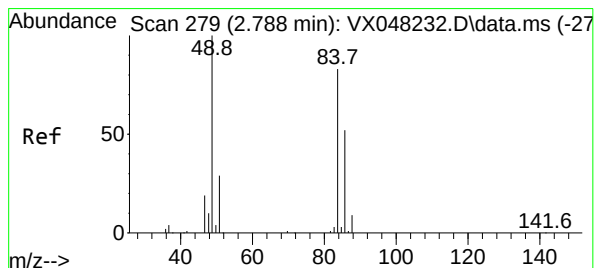
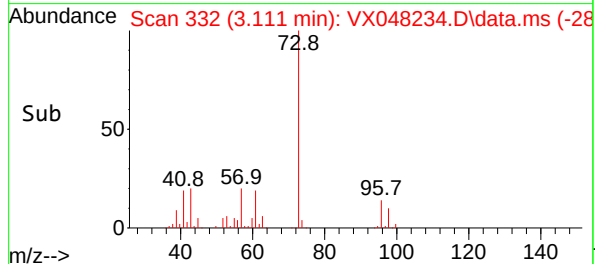
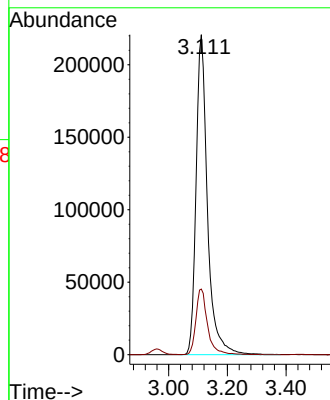
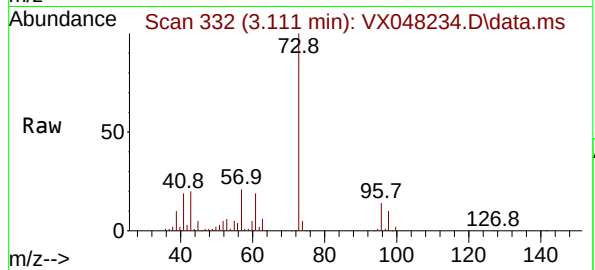
#19
Methyl tert-butyl Ether
Concen: 151.611 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 73 Resp: 59303
Ion Ratio Lower Upper
73 100
57 20.5 17.7 26.5

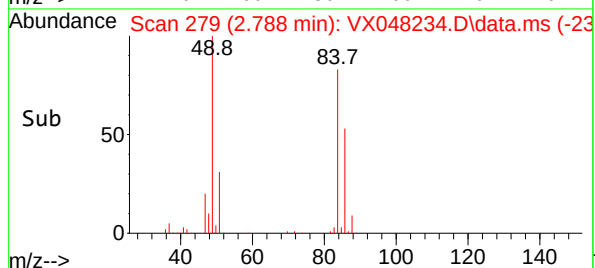
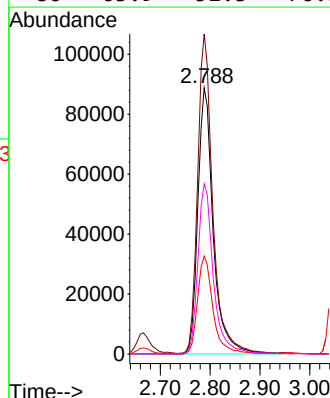
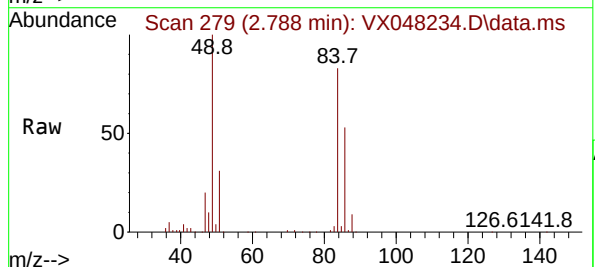
Manual Integrations
APPROVED

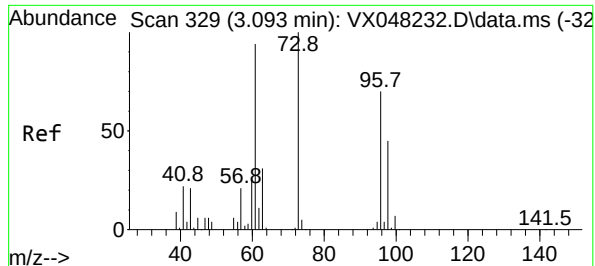
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#20
Methylene Chloride
Concen: 132.030 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

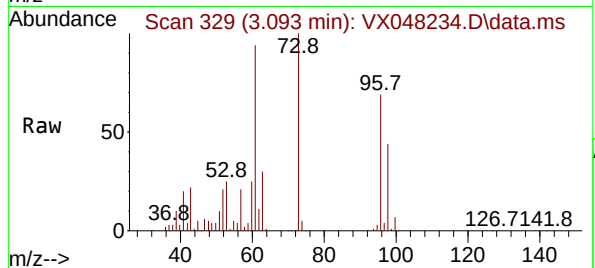
Tgt Ion: 84 Resp: 190483
Ion Ratio Lower Upper
84 100
49 120.0 104.1 156.1
51 36.7 31.3 46.9
86 63.9 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 139.566 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

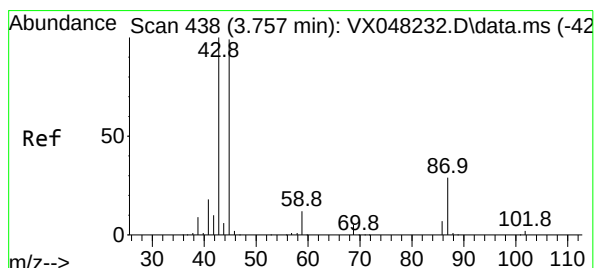
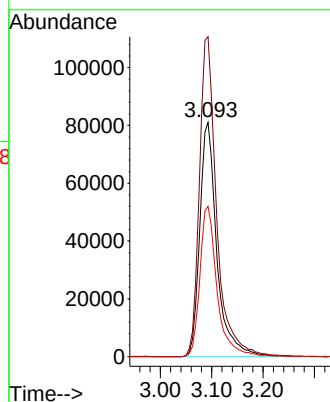
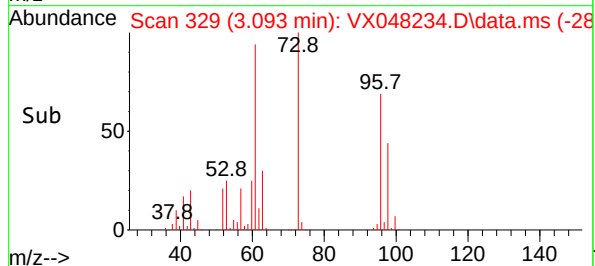
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 96 Resp: 187495
Ion Ratio Lower Upper
96 100
61 136.6 111.9 167.9
98 64.1 51.2 76.8

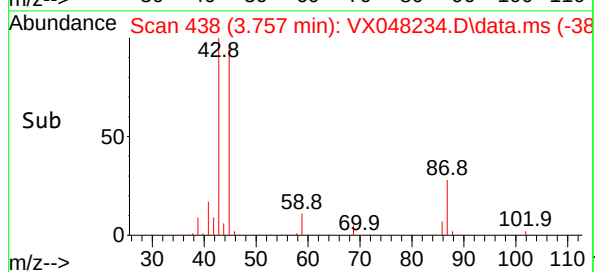
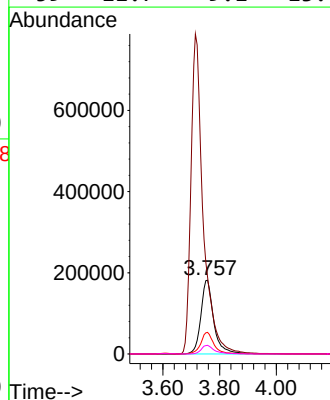
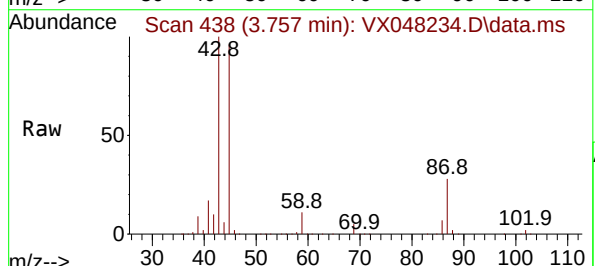
Manual Integrations
APPROVED

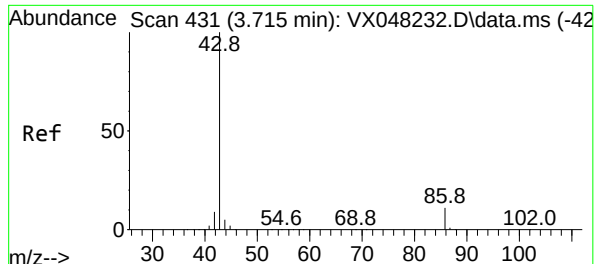
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#22
Diisopropyl ether
Concen: 125.048 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 45 Resp: 571951
Ion Ratio Lower Upper
45 100
43 104.2 89.8 134.8
87 29.4 20.6 31.0
59 11.7 9.1 13.7





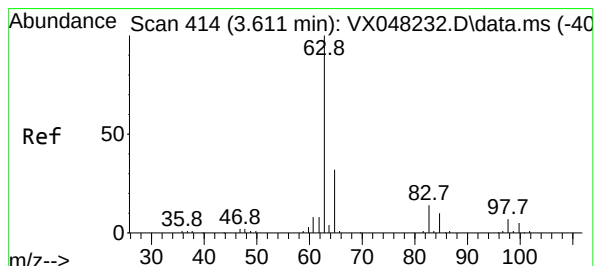
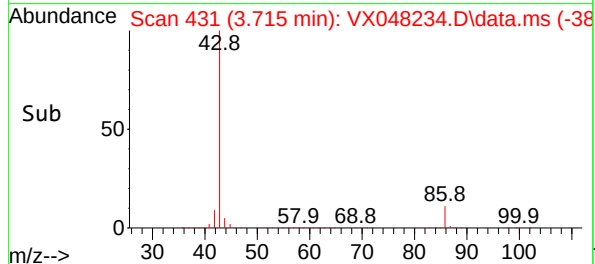
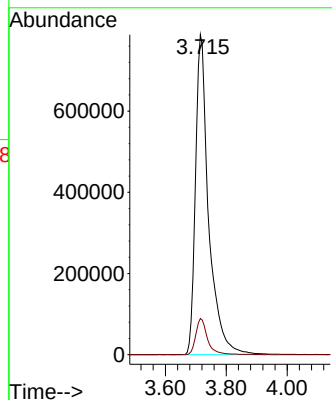
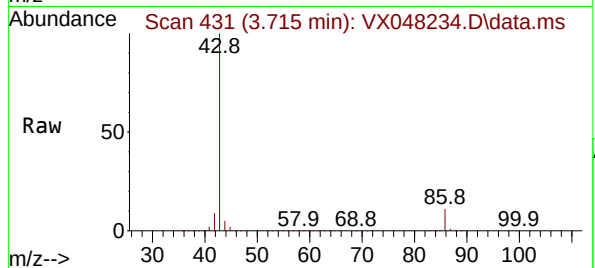
#23
Vinyl Acetate
Concen: 692.251 ug/l
RT: 3.715 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 236751
Ion Ratio Lower Upper
43 100
86 11.3 7.9 11.9

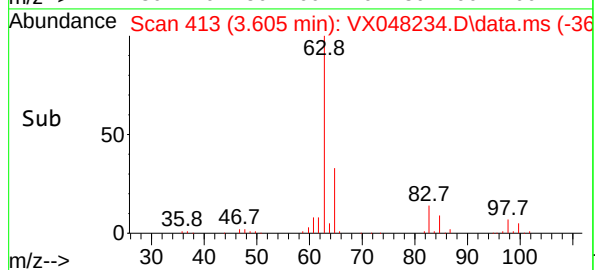
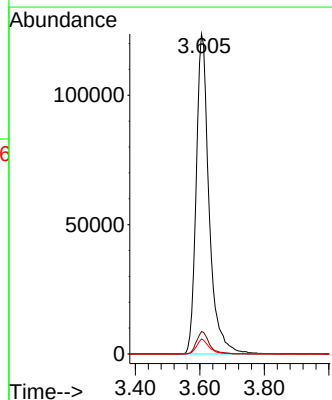
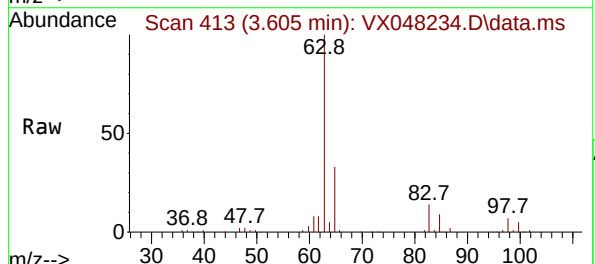
Manual Integrations
APPROVED

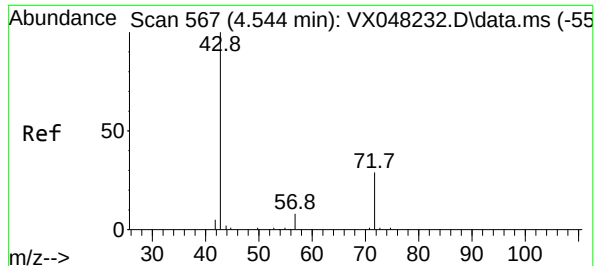
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#24
1,1-Dichloroethane
Concen: 131.992 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 63 Resp: 342500
Ion Ratio Lower Upper
63 100
98 7.0 3.5 10.6
100 4.7 2.1 6.3





#25

2-Butanone

Concen: 706.046 ug/l

RT: 4.544 min Scan# 5

Delta R.T. 0.006 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 48715

Ion Ratio Lower Upper

43 100

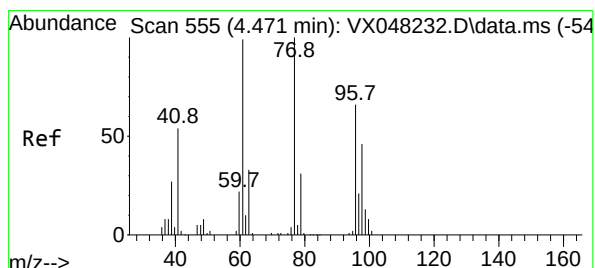
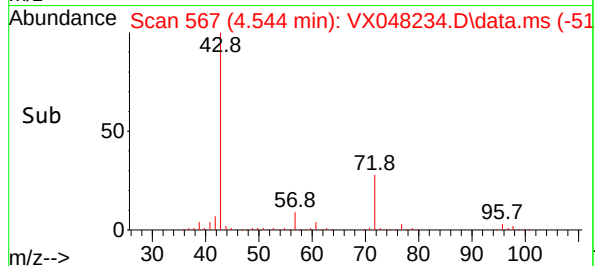
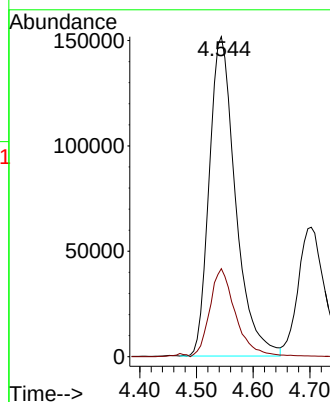
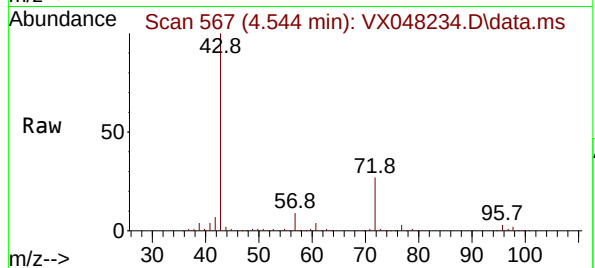
72 27.0 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#26

2,2-Dichloropropane

Concen: 140.027 ug/l

RT: 4.465 min Scan# 554

Delta R.T. -0.000 min

Lab File: VX048234.D

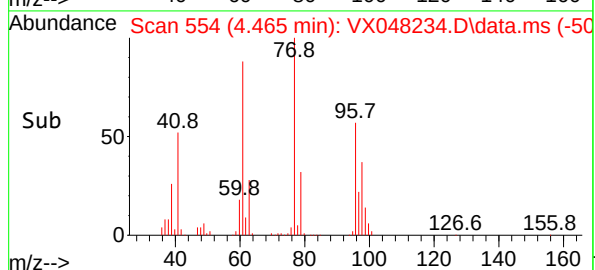
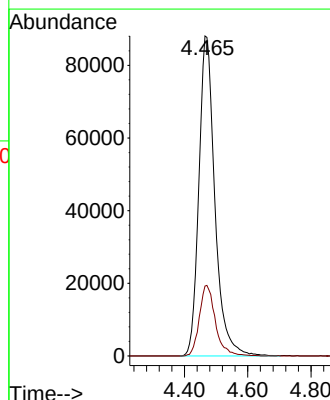
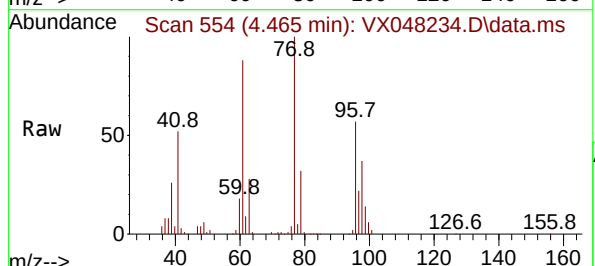
Acq: 20 Oct 2025 12:43

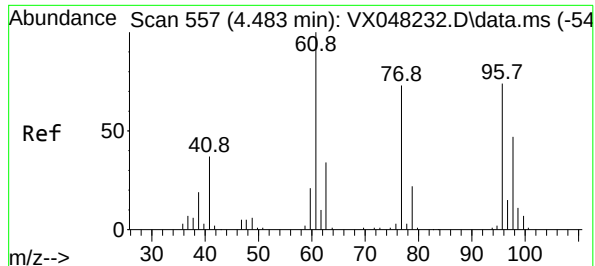
Tgt Ion: 77 Resp: 310572

Ion Ratio Lower Upper

77 100

97 22.2 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 139.465 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 96 Resp: 22235

Ion Ratio Lower Upper

96 100

61 144.4 0.0 294.2

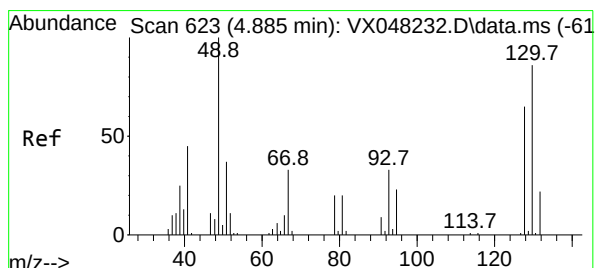
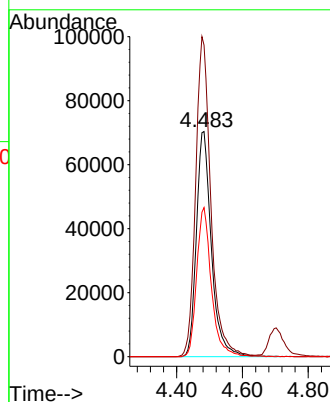
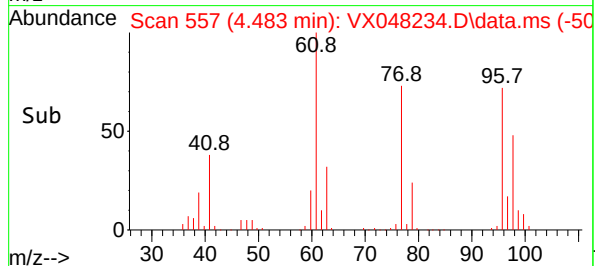
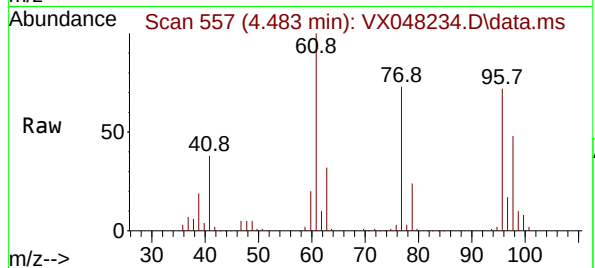
98 65.1 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#28

Bromochloromethane

Concen: 126.922 ug/l

RT: 4.891 min Scan# 624

Delta R.T. 0.006 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

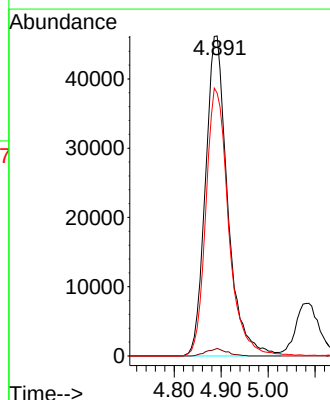
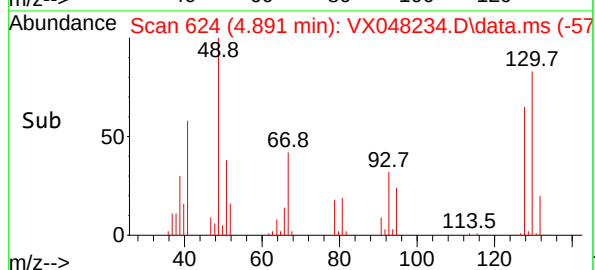
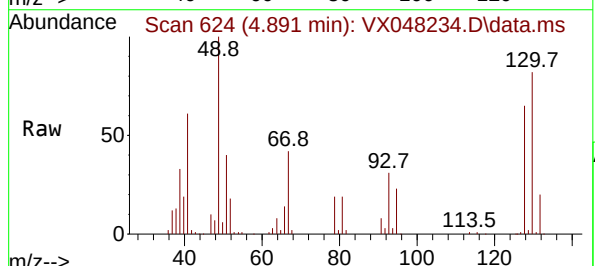
Tgt Ion: 49 Resp: 151812

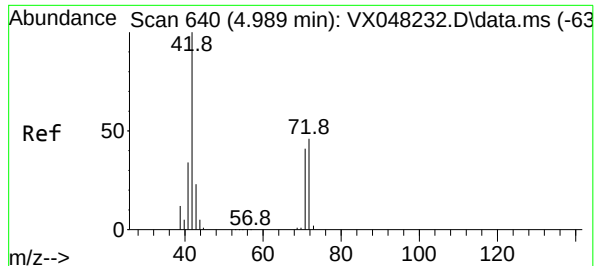
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.4

130 85.6 59.3 88.9





#29

Tetrahydrofuran

Concen: 744.697 ug/l

RT: 4.989 min Scan# 640

Delta R.T. -0.000 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 42 Resp: 30174

Ion Ratio Lower Upper

42 100

72 47.8 35.3 52.9

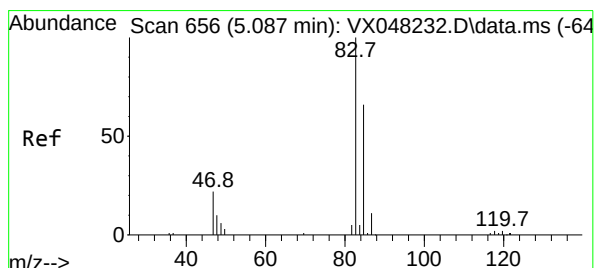
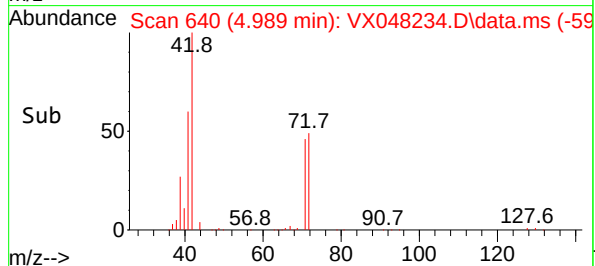
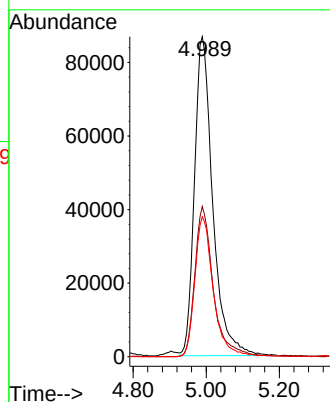
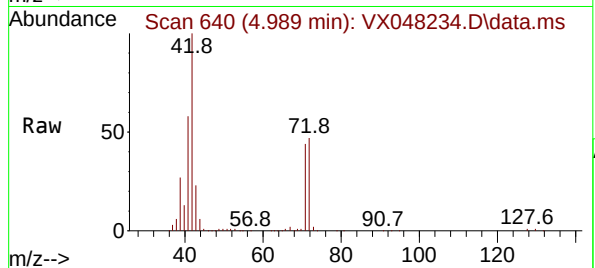
71 44.1 32.2 48.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#30

Chloroform

Concen: 131.272 ug/l

RT: 5.080 min Scan# 655

Delta R.T. -0.000 min

Lab File: VX048234.D

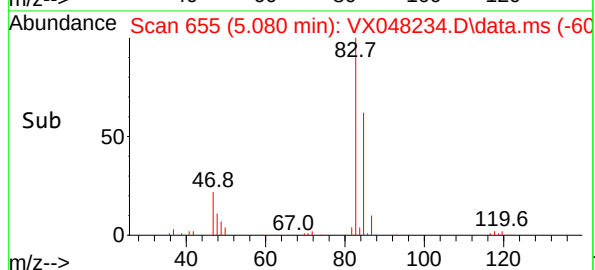
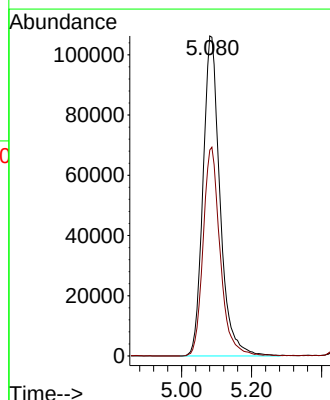
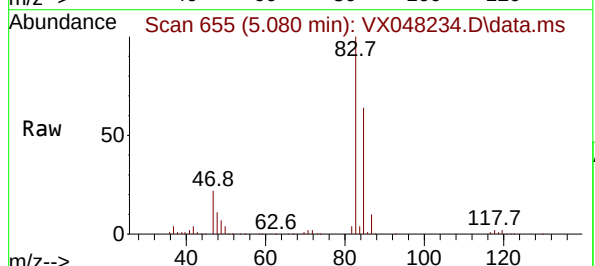
Acq: 20 Oct 2025 12:43

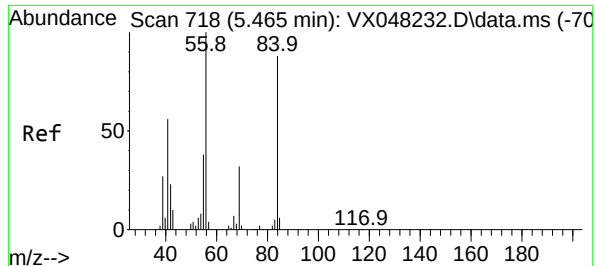
Tgt Ion: 83 Resp: 358626

Ion Ratio Lower Upper

83 100

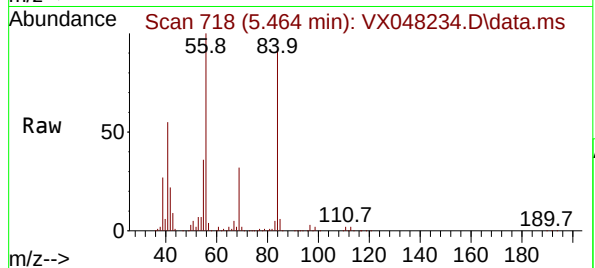
85 64.3 50.1 75.1





#31
Cyclohexane
Concen: 137.199 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

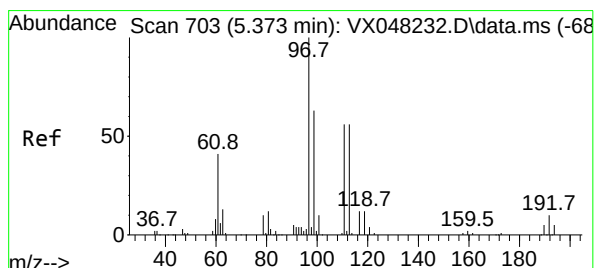
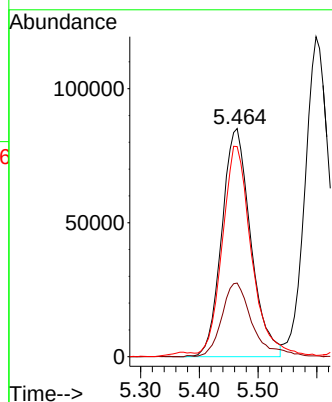
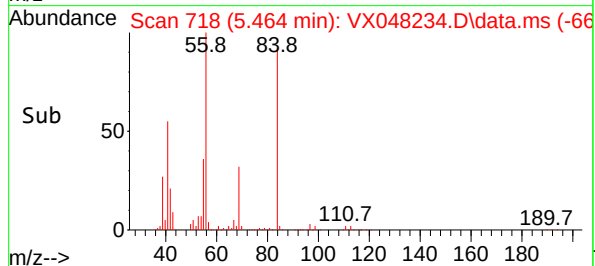
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 56 Resp: 291302
Ion Ratio Lower Upper
56 100
69 32.3 23.0 34.6
84 90.1 64.6 97.0

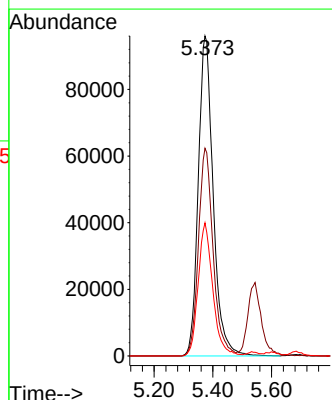
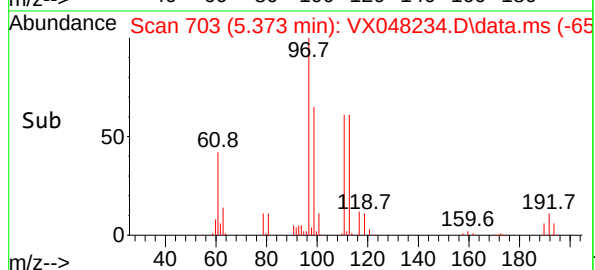
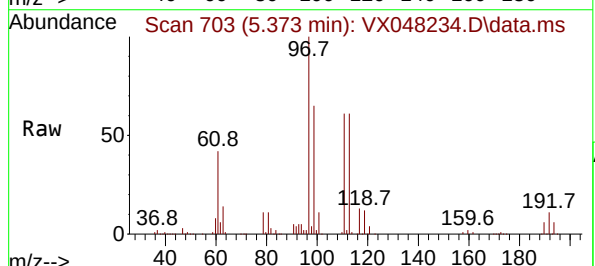
Manual Integrations
APPROVED

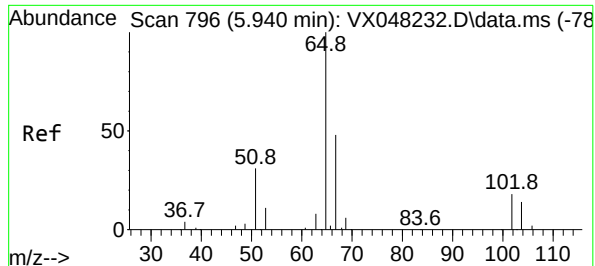
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#32
1,1,1-Trichloroethane
Concen: 150.785 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 97 Resp: 338462
Ion Ratio Lower Upper
97 100
99 63.8 51.7 77.5
61 40.8 34.8 52.2





#33

1,2-Dichloroethane-d4

Concen: 135.251 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 65 Resp: 23480

Ion Ratio Lower Upper

65 100

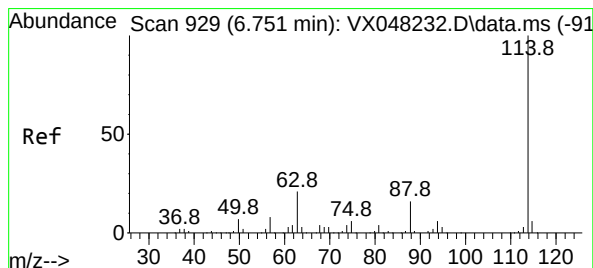
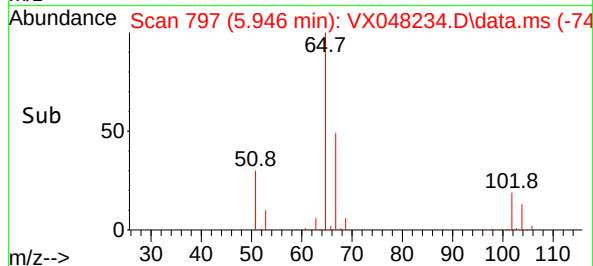
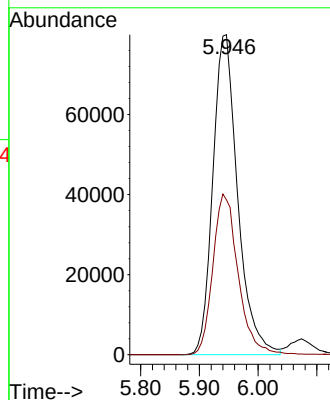
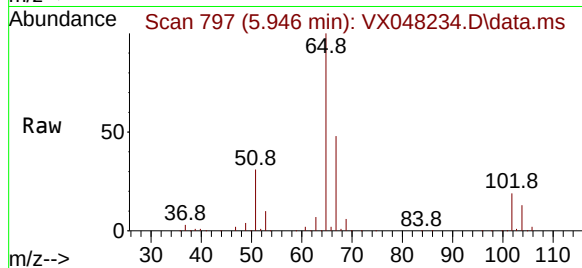
67 51.2 0.0 105.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

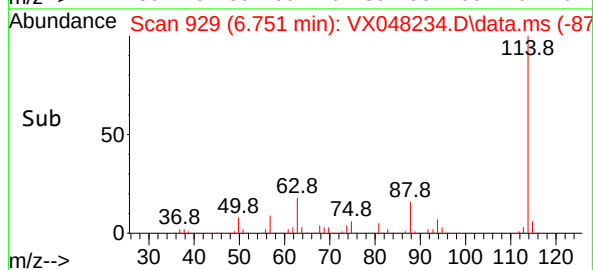
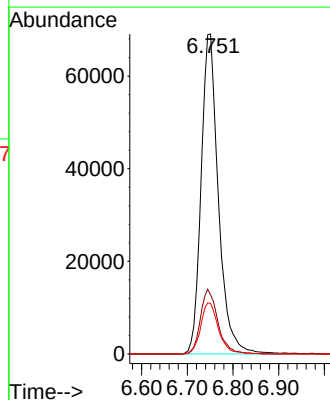
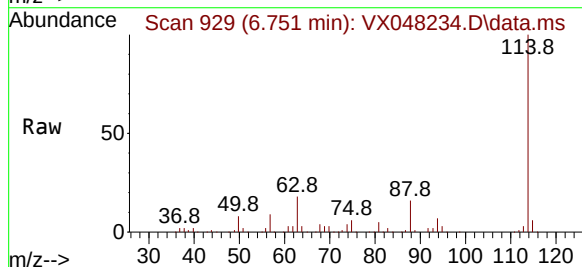
Tgt Ion:114 Resp: 180904

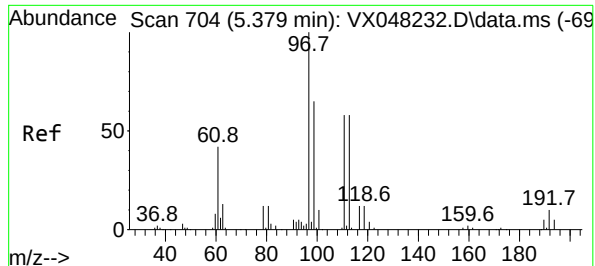
Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 15.8 0.0 33.6





#35

Dibromofluoromethane

Concen: 150.393 ug/l

RT: 5.373 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:113 Resp: 18882

Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.4

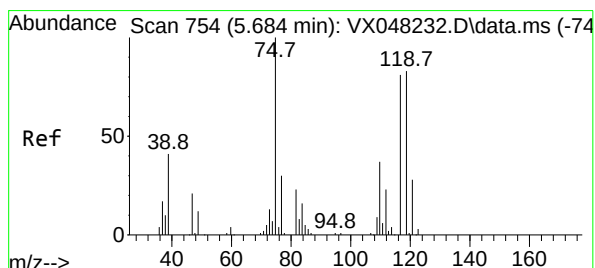
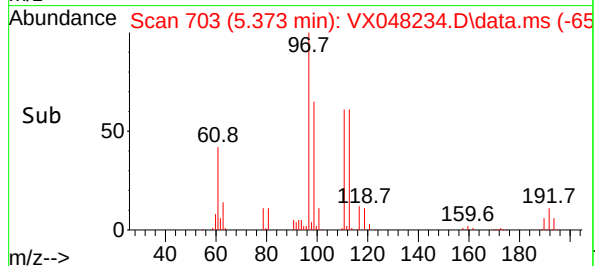
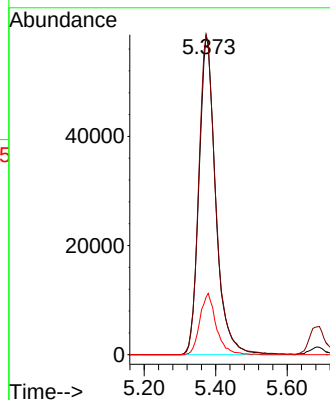
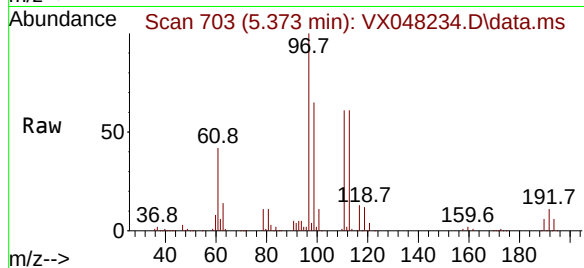
192 18.8 15.1 22.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#36

1,1-Dichloropropene

Concen: 141.173 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.000 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

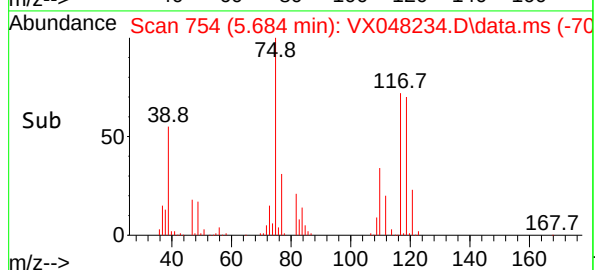
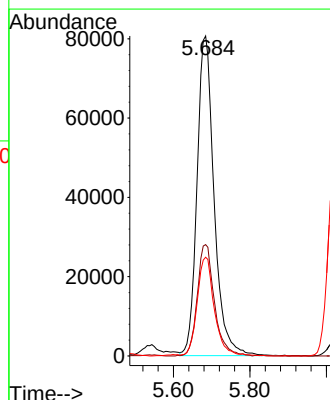
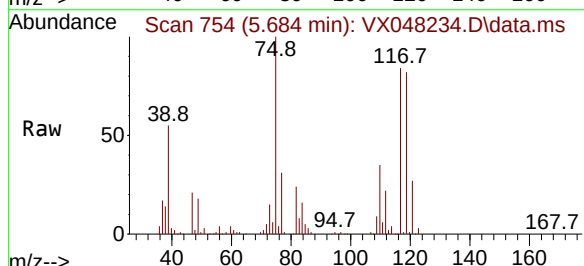
Tgt Ion: 75 Resp: 249688

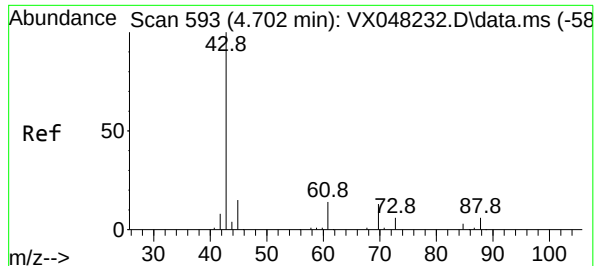
Ion Ratio Lower Upper

75 100

110 35.0 17.7 53.1

77 31.2 24.3 36.5





#37

Ethyl Acetate

Concen: 147.588 ug/l

RT: 4.702 min Scan# 593

Delta R.T. 0.006 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 208614

Ion Ratio Lower Upper

43 100

61 14.1 10.6 15.8

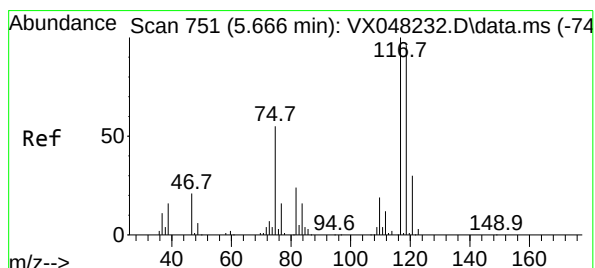
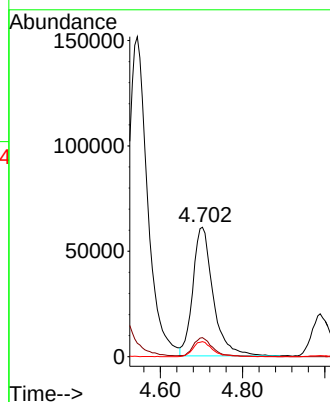
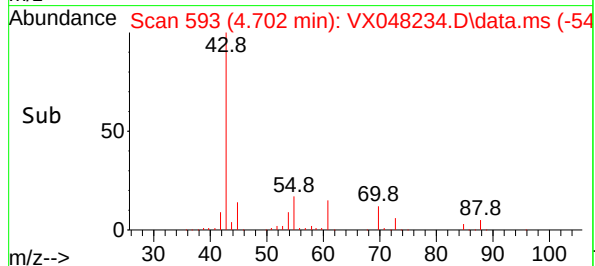
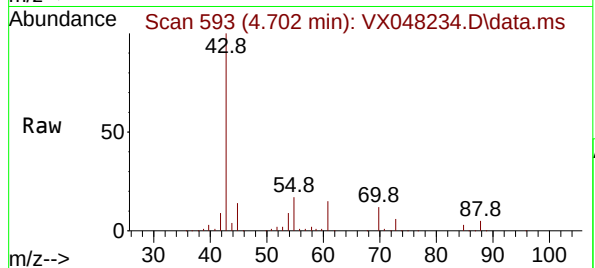
70 11.2 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#38

Carbon Tetrachloride

Concen: 151.663 ug/l

RT: 5.666 min Scan# 751

Delta R.T. -0.000 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

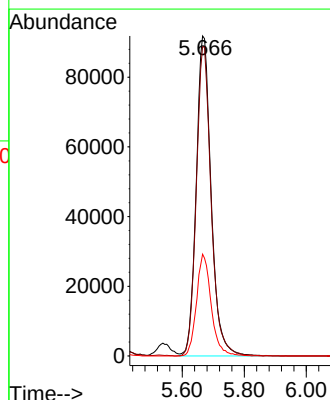
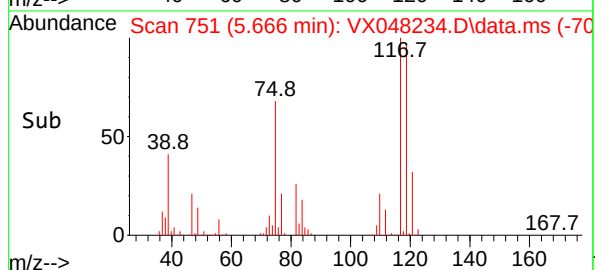
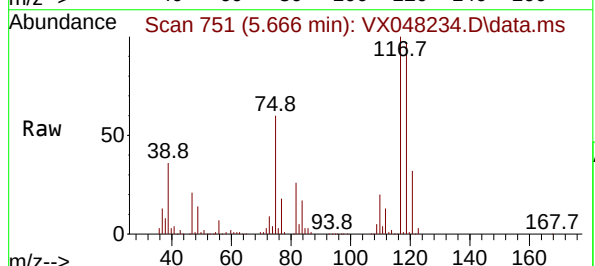
Tgt Ion:117 Resp: 307892

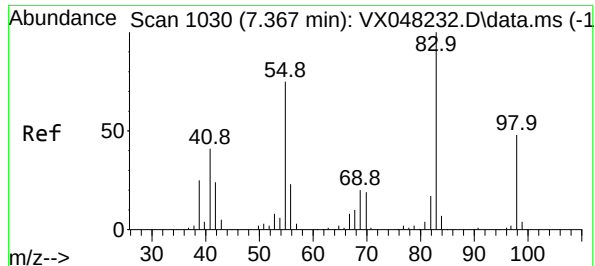
Ion Ratio Lower Upper

117 100

119 96.6 77.2 115.8

121 31.8 24.8 37.2





#39

Methylcyclohexane

Concen: 158.416 ug/l

RT: 7.367 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 83 Resp: 31591

Ion Ratio Lower Upper

83 100

55 76.9 66.2 99.2

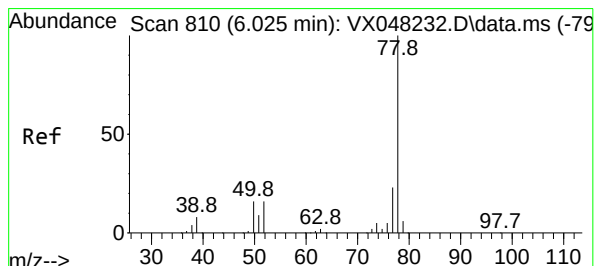
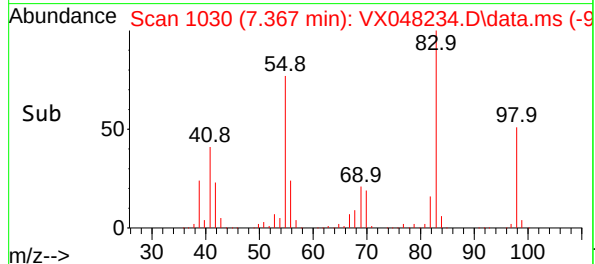
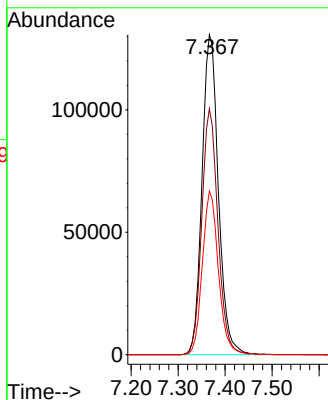
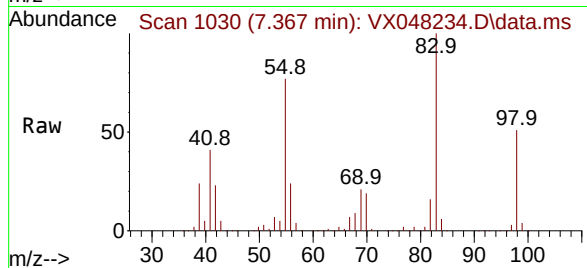
98 51.1 38.9 58.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#40

Benzene

Concen: 139.172 ug/l

RT: 6.025 min Scan# 810

Delta R.T. -0.000 min

Lab File: VX048234.D

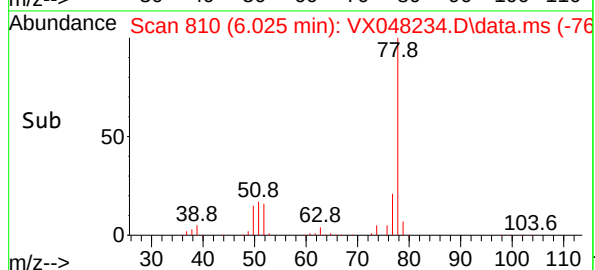
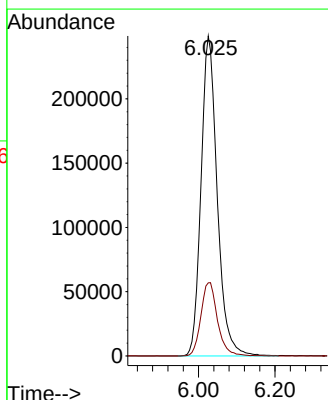
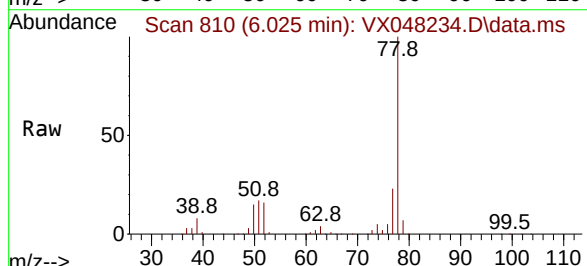
Acq: 20 Oct 2025 12:43

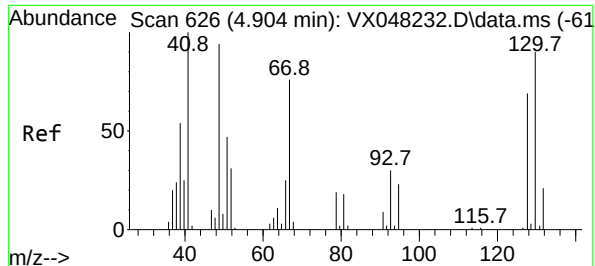
Tgt Ion: 78 Resp: 730908

Ion Ratio Lower Upper

78 100

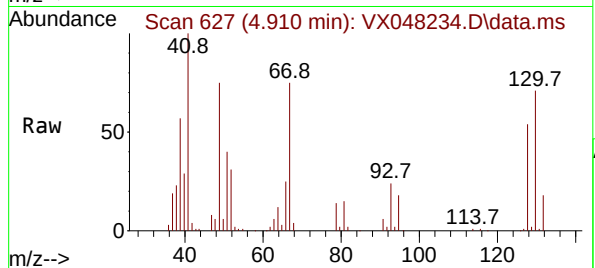
77 22.8 19.3 28.9





#41
Methacrylonitrile
Concen: 152.378 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

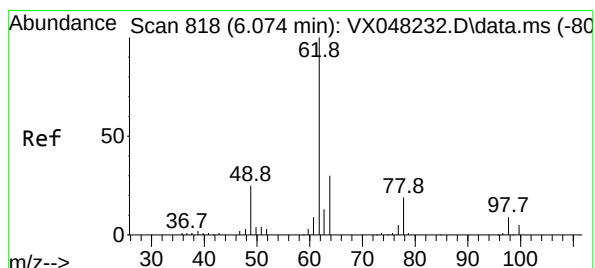
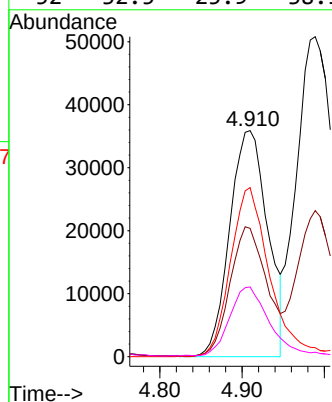
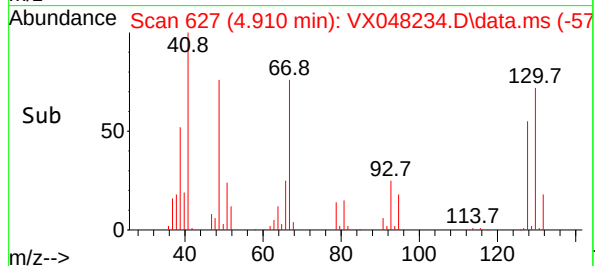
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 41 Resp: 11535
Ion Ratio Lower Upper
41 100
39 55.0 44.0 66.0
67 78.1 58.7 88.1
52 32.5 25.9 38.9

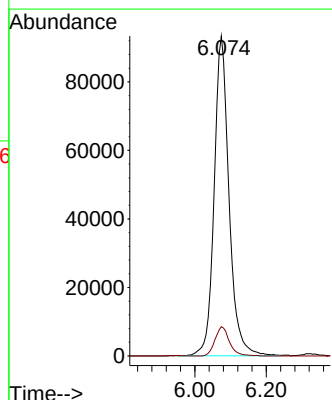
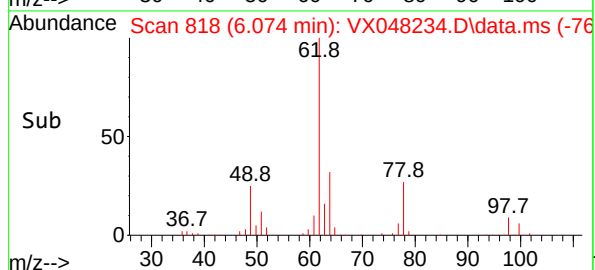
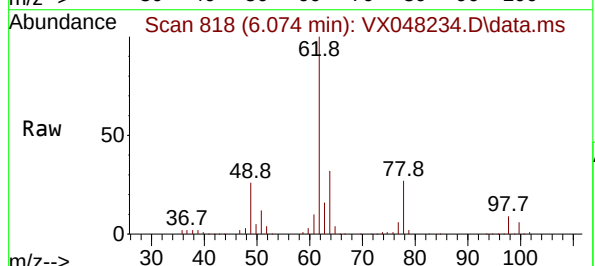
Manual Integrations
APPROVED

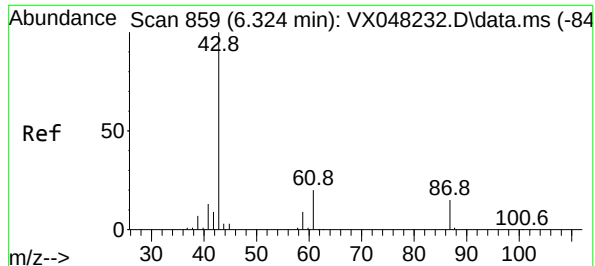
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#42
1,2-Dichloroethane
Concen: 143.093 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 62 Resp: 269245
Ion Ratio Lower Upper
62 100
98 8.9 0.0 17.2





#43

Isopropyl Acetate

Concen: 152.180 ug/l

RT: 6.324 min Scan# 859

Delta R.T. -0.000 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 361084

Ion Ratio Lower Upper

43

100

61

87

20.2

14.0

14.9

9.4

22.3

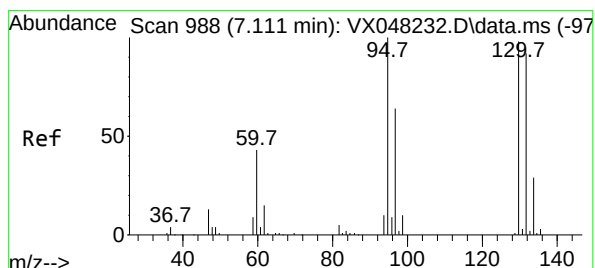
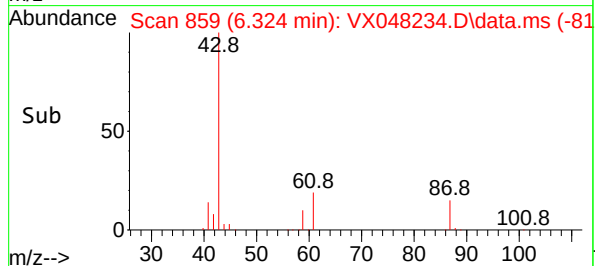
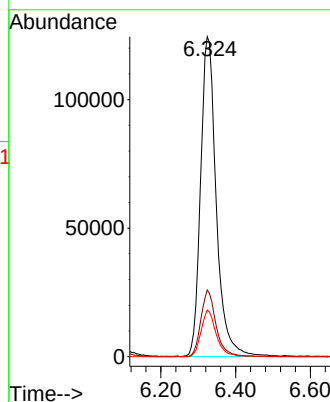
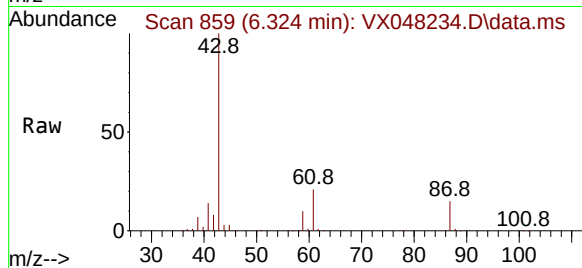
14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#44

Trichloroethene

Concen: 149.022 ug/l

RT: 7.110 min Scan# 988

Delta R.T. -0.000 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

Tgt Ion:130 Resp: 197244

Ion Ratio Lower Upper

130

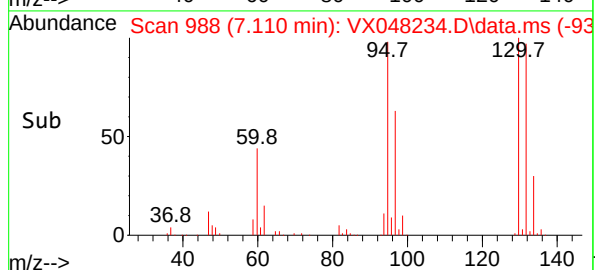
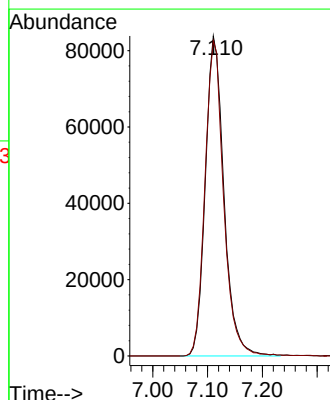
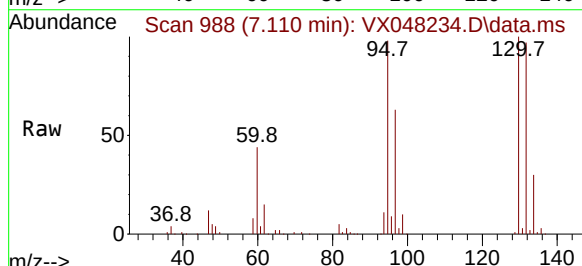
95

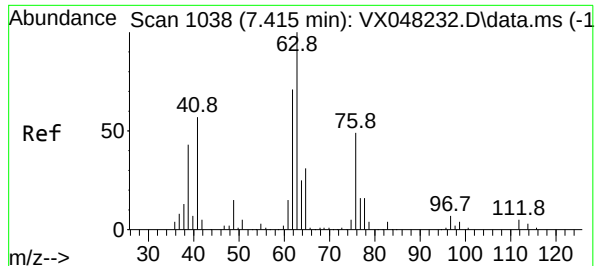
100

98.5

0.0

200.6





#45

1,2-Dichloropropane

Concen: 135.890 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 180619

Ion Ratio Lower Upper

63 100

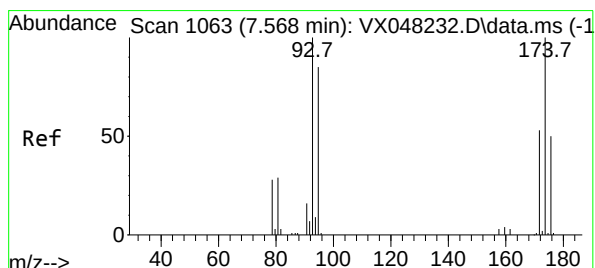
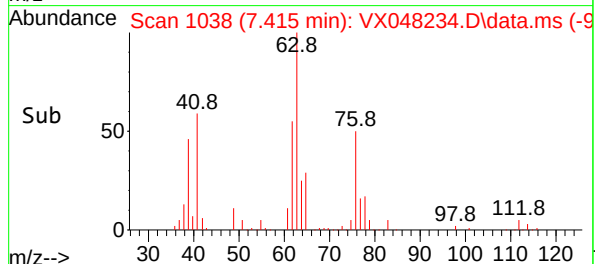
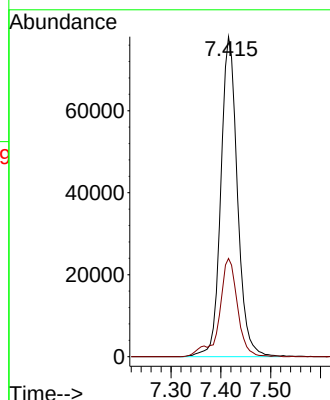
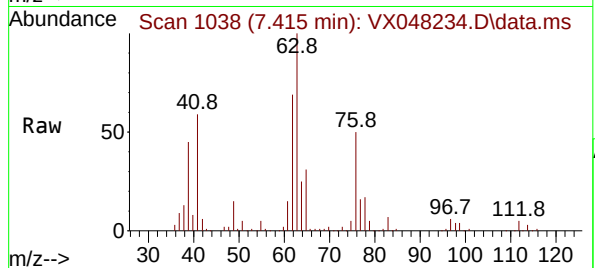
65 30.7 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#46

Dibromomethane

Concen: 141.273 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

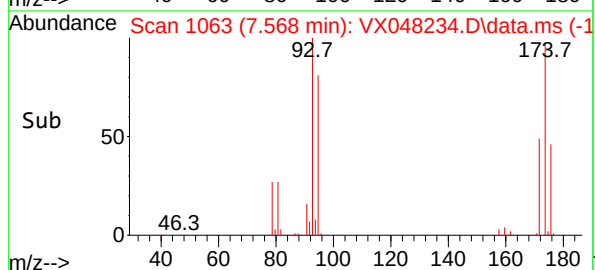
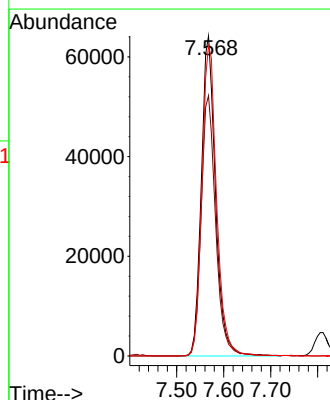
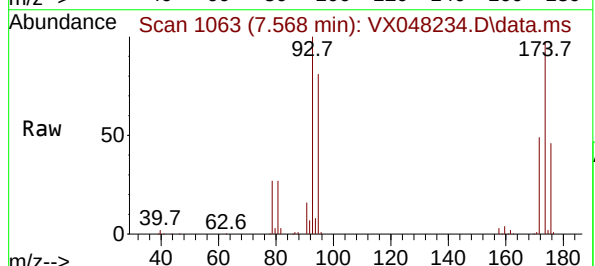
Tgt Ion: 93 Resp: 135105

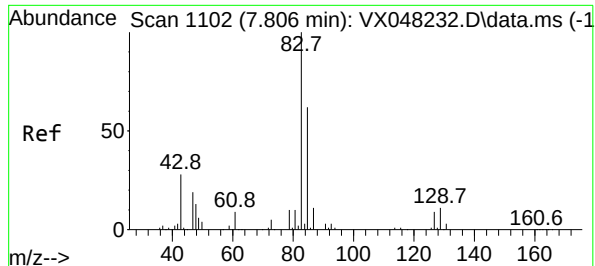
Ion Ratio Lower Upper

93 100

95 82.9 65.9 98.9

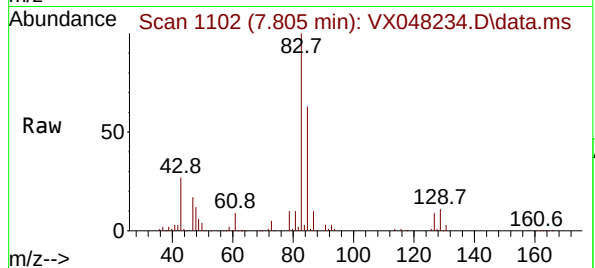
174 99.5 71.7 107.5





#47
Bromodichloromethane
Concen: 141.302 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

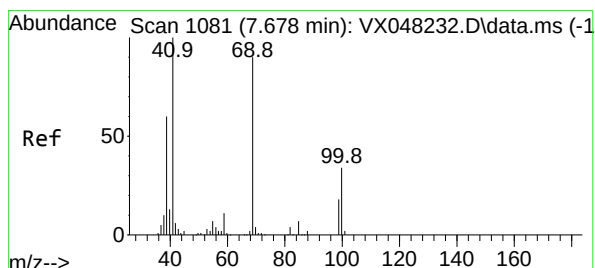
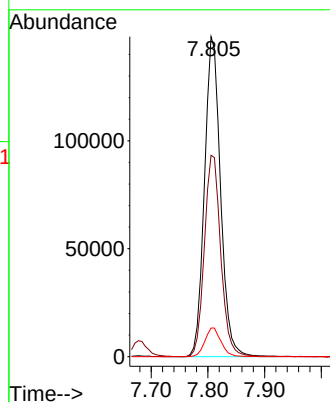
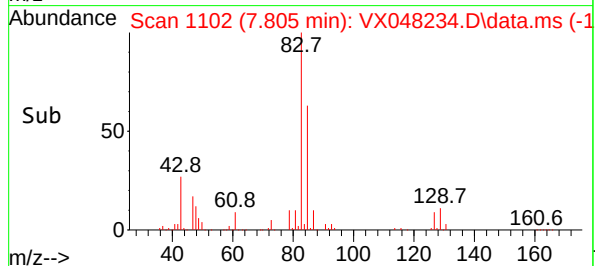
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 83 Resp: 292063
Ion Ratio Lower Upper
83 100
85 62.9 52.2 78.4
127 8.9 7.3 10.9

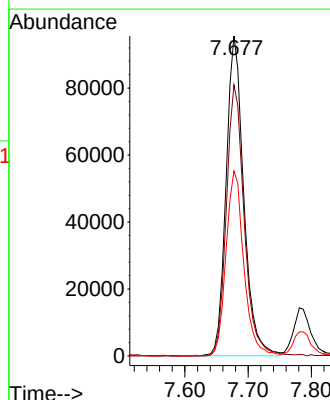
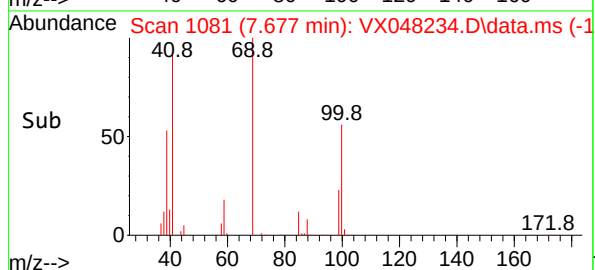
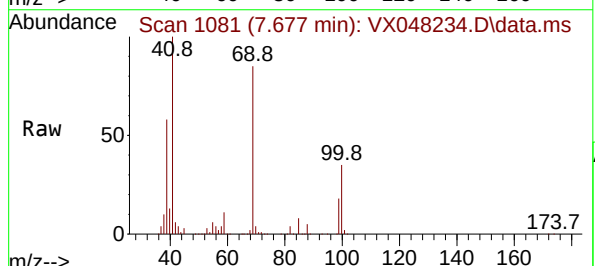
Manual Integrations
APPROVED

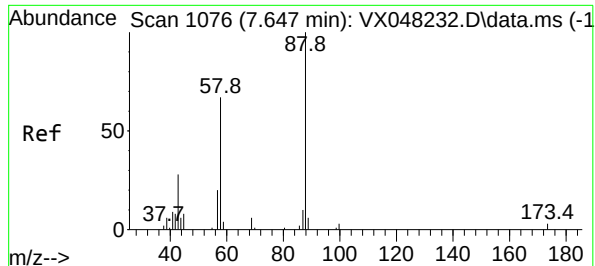
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#48
Methyl methacrylate
Concen: 151.780 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 41 Resp: 184354
Ion Ratio Lower Upper
41 100
69 86.0 63.4 95.0
39 58.5 47.1 70.7





#49

1,4-Dioxane

Concen: 4563.512 ug/l

RT: 7.647 min Scan# 1076

Delta R.T. 0.006 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

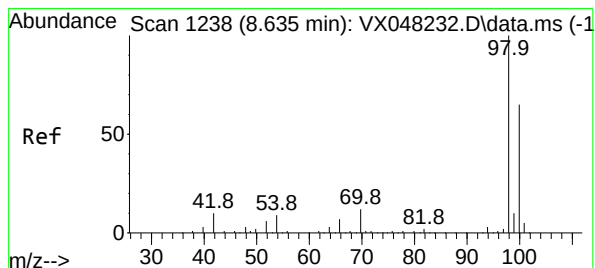
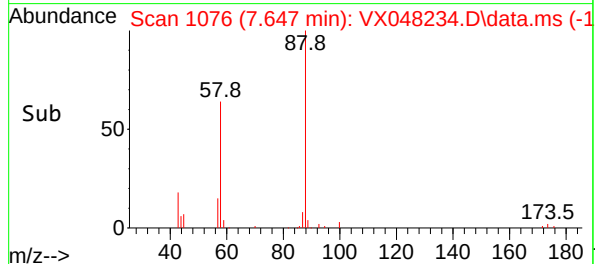
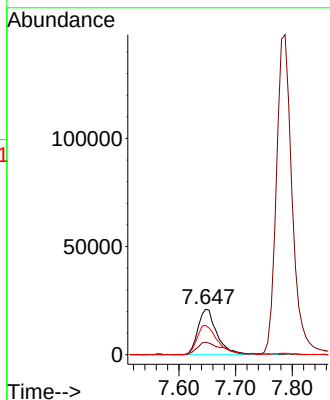
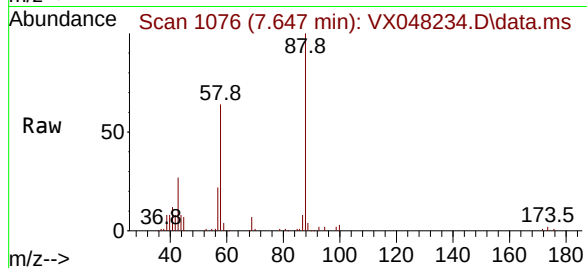
Tgt Ion:	88	Resp:	4989
Ion	Ratio	Lower	Upper
88	100		
43	35.6	35.0	52.4
58	67.7	61.9	92.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#50

Toluene-d8

Concen: 143.408 ug/l

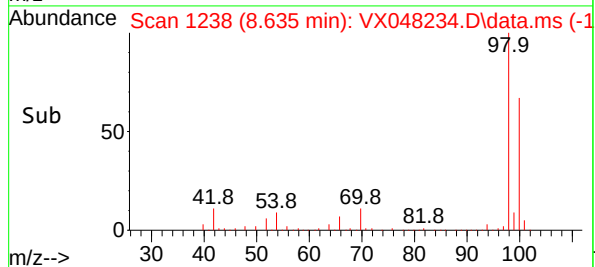
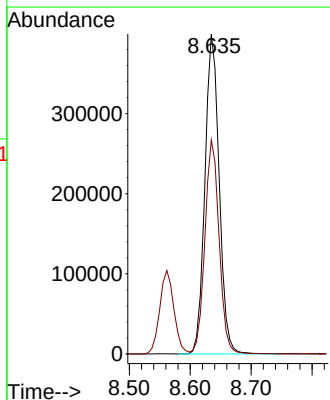
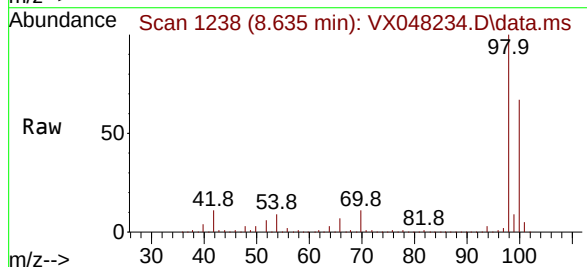
RT: 8.635 min Scan# 1238

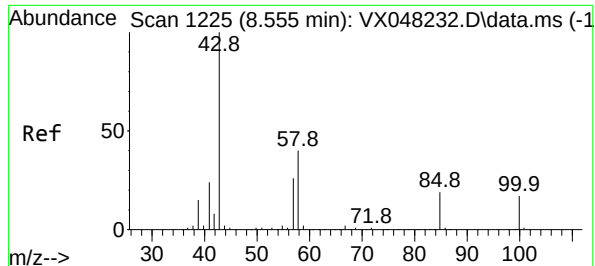
Delta R.T. -0.000 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

Tgt Ion:	98	Resp:	648652
Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.0	79.4





#51

4-Methyl-2-Pentanone

Concen: 744.604 ug/l

RT: 8.561 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 983125

Ion Ratio Lower Upper

43 100

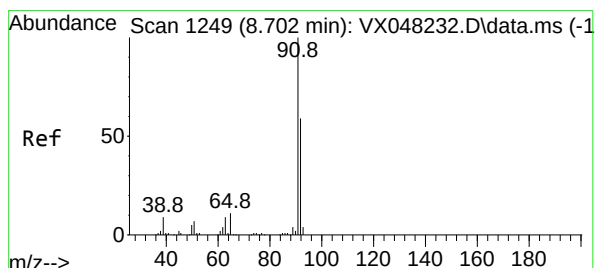
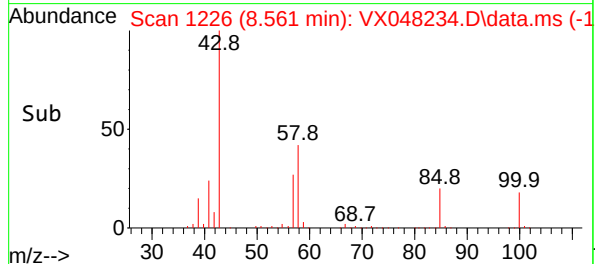
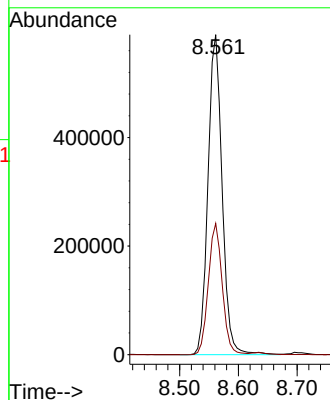
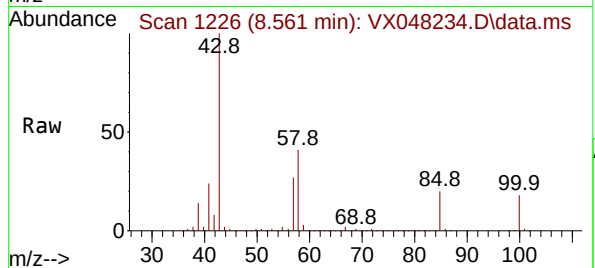
58 40.4 29.5 44.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#52

Toluene

Concen: 145.964 ug/l

RT: 8.702 min Scan# 1249

Delta R.T. -0.000 min

Lab File: VX048234.D

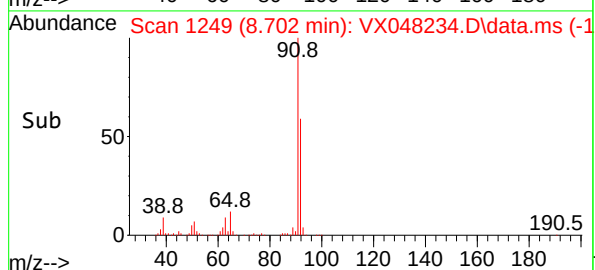
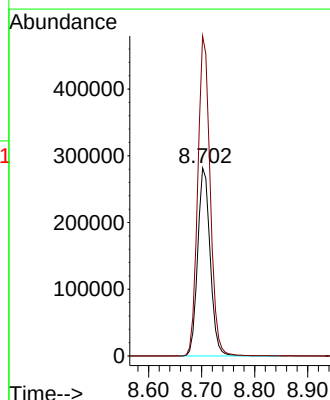
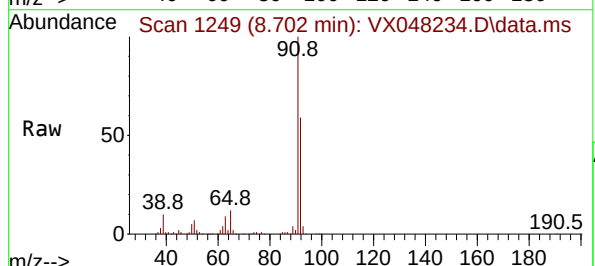
Acq: 20 Oct 2025 12:43

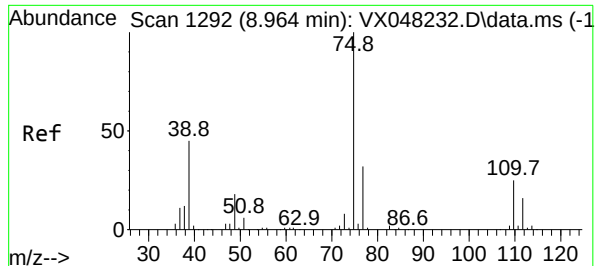
Tgt Ion: 92 Resp: 460742

Ion Ratio Lower Upper

92 100

91 169.1 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 155.059 ug/l

RT: 8.964 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 75 Resp: 30025

Ion Ratio Lower Upper

75 100

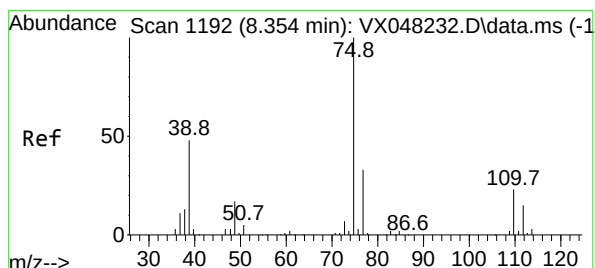
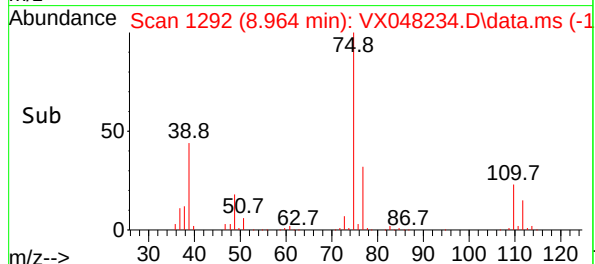
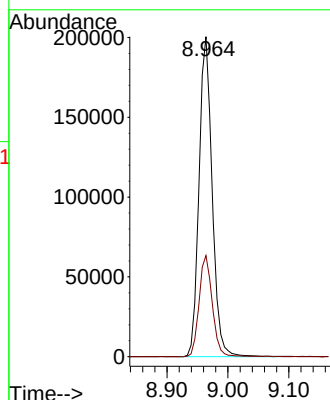
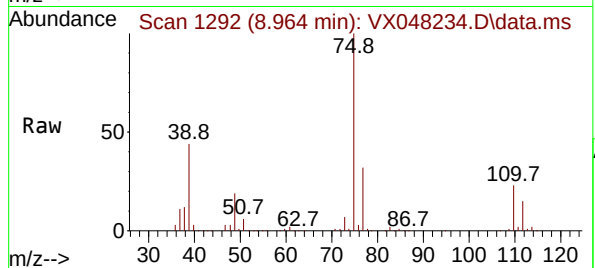
77 31.6 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carbone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#54

cis-1,3-Dichloropropene

Concen: 150.373 ug/l

RT: 8.354 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

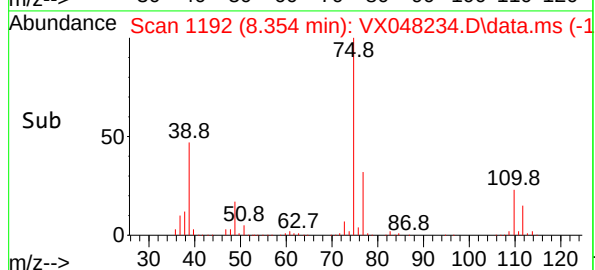
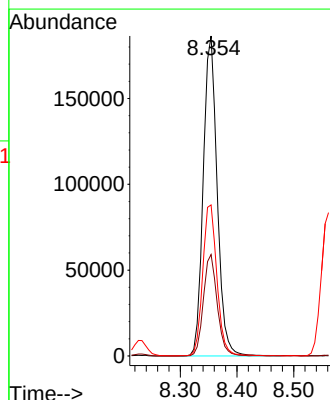
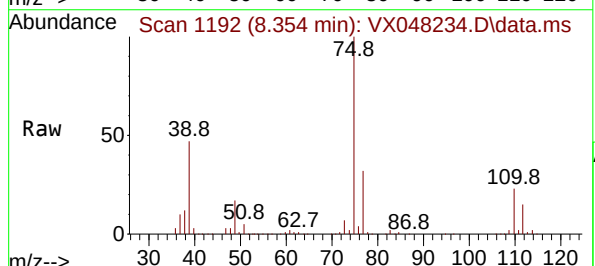
Tgt Ion: 75 Resp: 317375

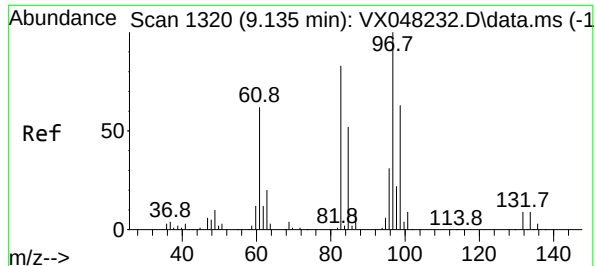
Ion Ratio Lower Upper

75 100

77 31.7 24.9 37.3

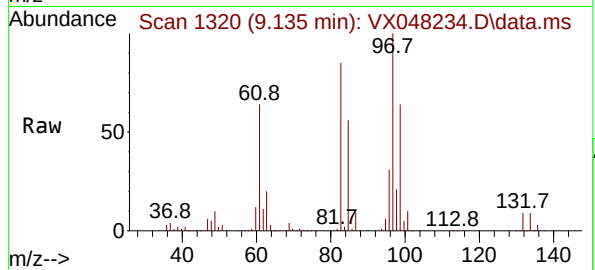
39 47.1 42.6 64.0





#55
1,1,2-Trichloroethane
Concen: 144.250 ug/l
RT: 9.135 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

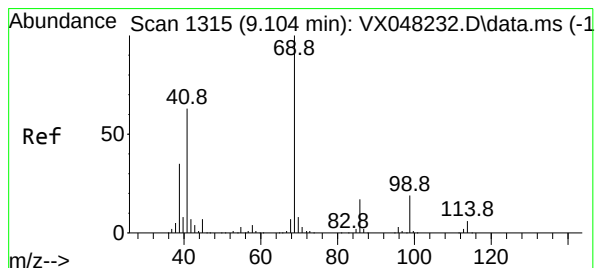
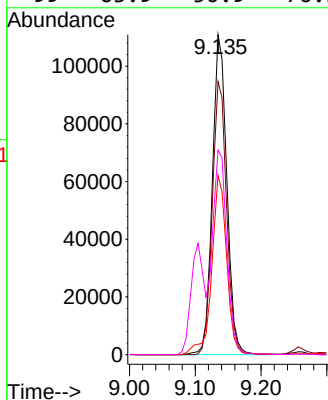
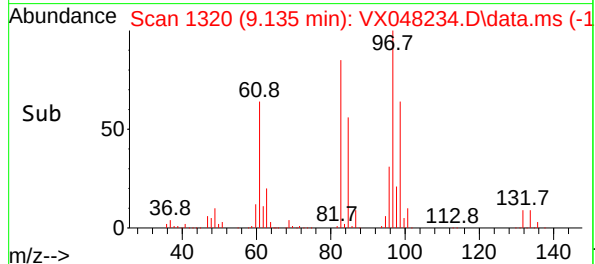
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 97 Resp: 169894
Ion Ratio Lower Upper
97 100
83 85.4 70.6 105.8
85 56.0 45.0 67.6
99 63.9 50.9 76.3

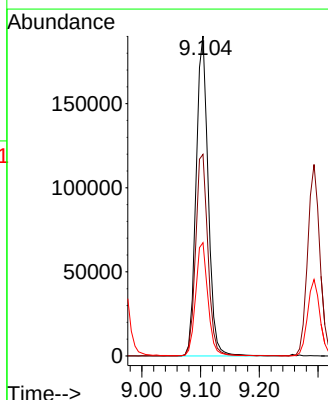
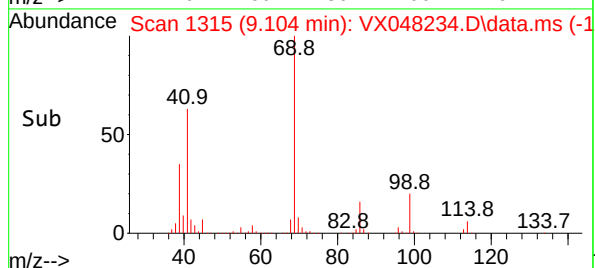
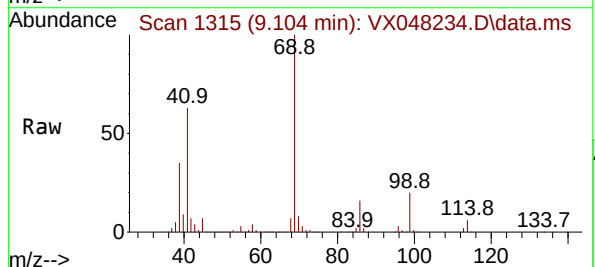
Manual Integrations
APPROVED

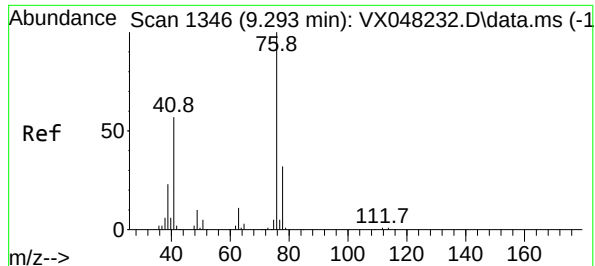
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#56
Ethyl methacrylate
Concen: 169.911 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 69 Resp: 272177
Ion Ratio Lower Upper
69 100
41 64.4 56.0 84.0
39 36.1 31.6 47.4





#57

1,3-Dichloropropane

Concen: 142.707 ug/l

RT: 9.293 min Scan# 1171

Delta R.T. -0.000 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 76 Resp: 293650

Ion Ratio Lower Upper

76 100

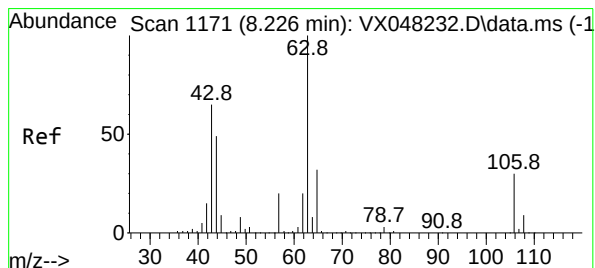
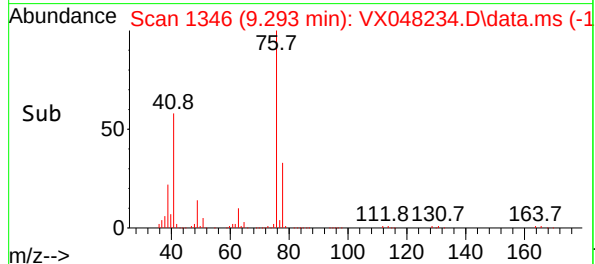
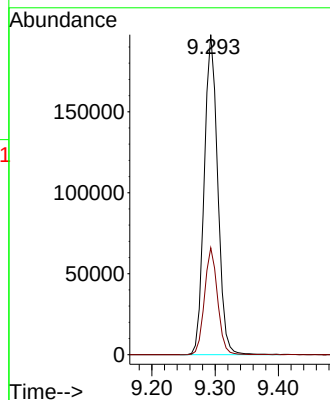
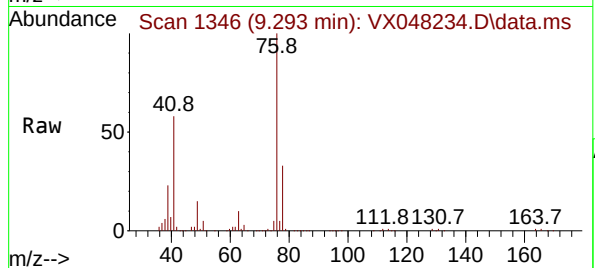
78 32.3 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#58

2-Chloroethyl Vinyl ether

Concen: 858.056 ug/l

RT: 8.232 min Scan# 1172

Delta R.T. 0.006 min

Lab File: VX048234.D

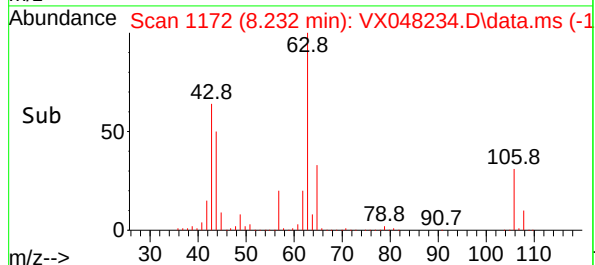
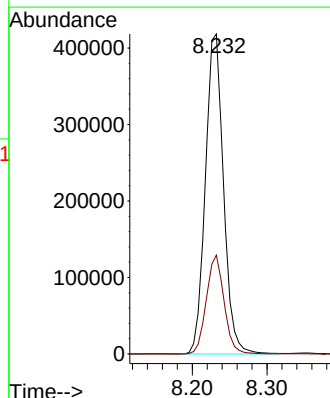
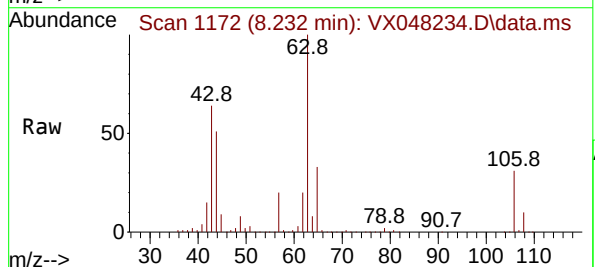
Acq: 20 Oct 2025 12:43

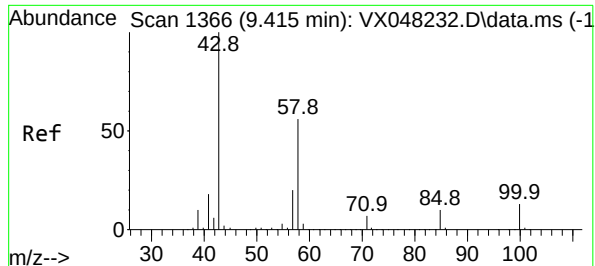
Tgt Ion: 63 Resp: 705780

Ion Ratio Lower Upper

63 100

106 30.2 22.2 33.2





#59

2-Hexanone

Concen: 752.256 ug/l

RT: 9.415 min Scan# 1366

Delta R.T. -0.000 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 694730

Ion Ratio Lower Upper

43 100

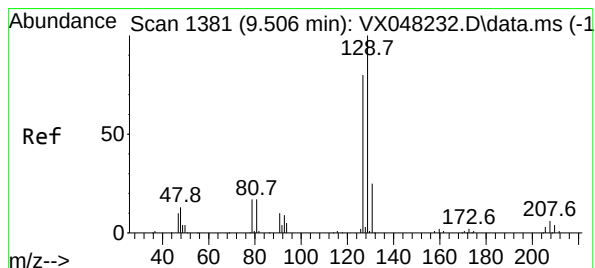
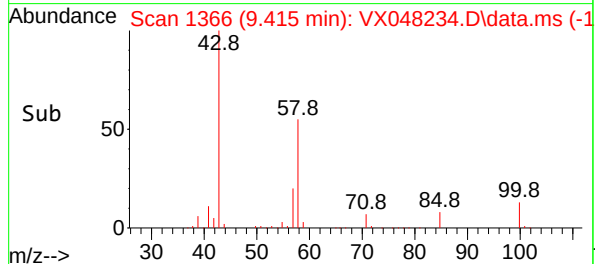
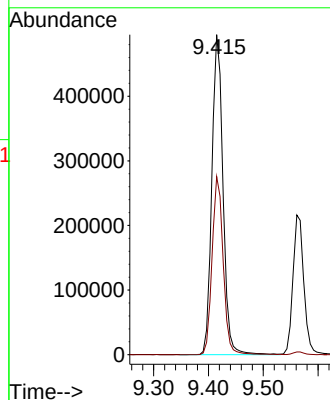
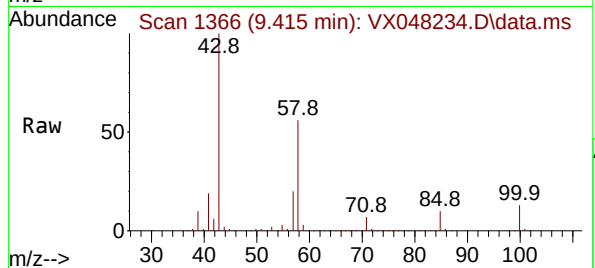
58 55.6 26.3 78.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#60

Dibromochloromethane

Concen: 153.740 ug/l

RT: 9.506 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VX048234.D

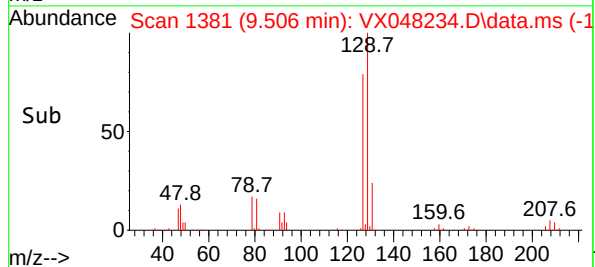
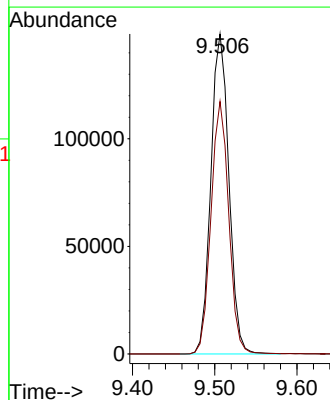
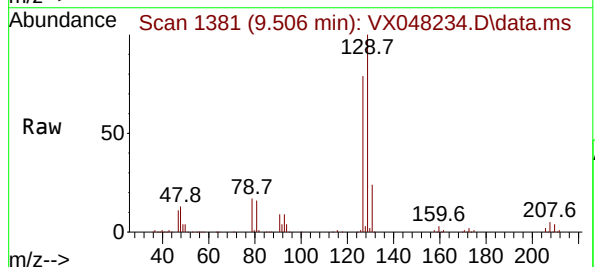
Acq: 20 Oct 2025 12:43

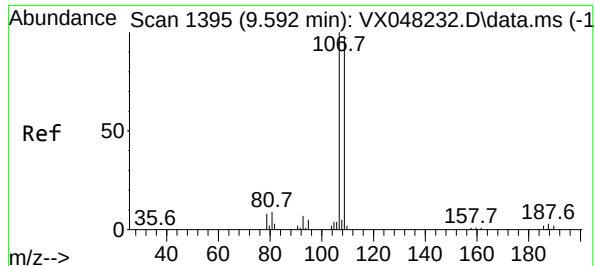
Tgt Ion:129 Resp: 226642

Ion Ratio Lower Upper

129 100

127 77.8 38.6 115.7





#61

1,2-Dibromoethane

Concen: 150.876 ug/l

RT: 9.592 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:107 Resp: 182208

Ion Ratio Lower Upper

107 100

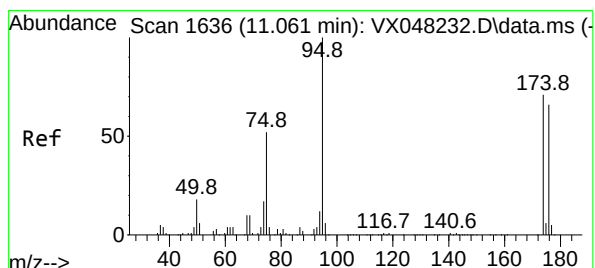
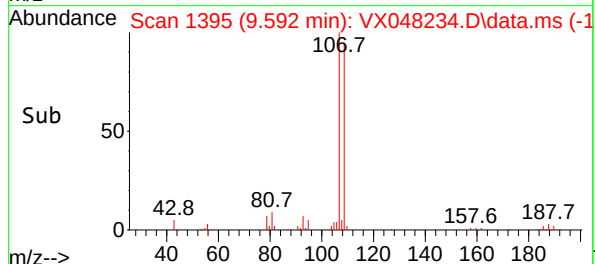
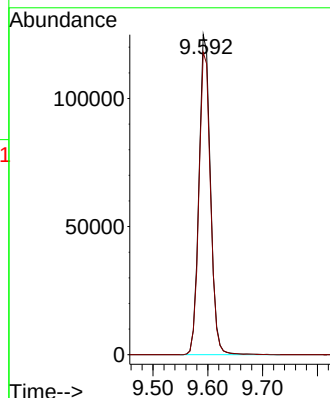
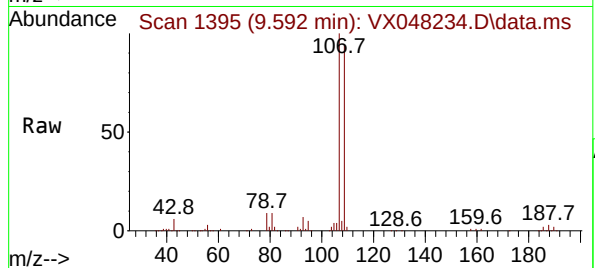
109 95.6 77.0 115.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#62

4-Bromofluorobenzene

Concen: 145.255 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. -0.000 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

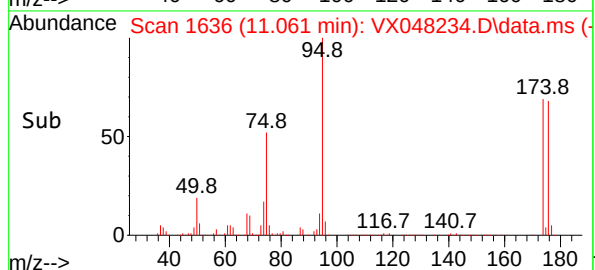
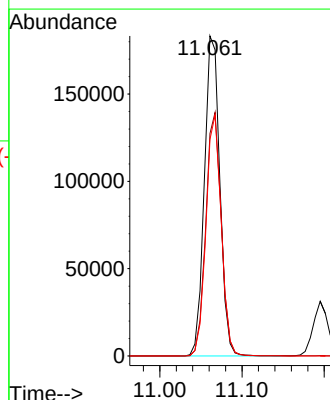
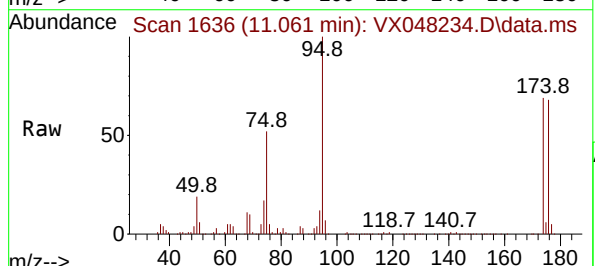
Tgt Ion: 95 Resp: 239298

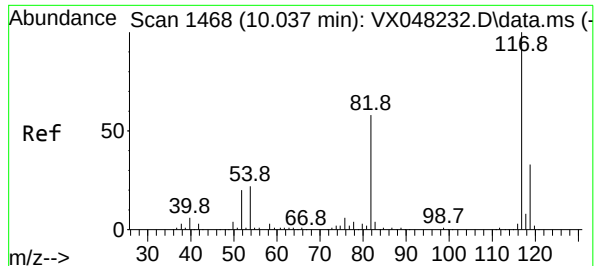
Ion Ratio Lower Upper

95 100

174 76.0 0.0 147.8

176 74.2 0.0 142.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:117 Resp: 155759

Ion Ratio Lower Upper

117 100

82 56.4 46.5 69.7

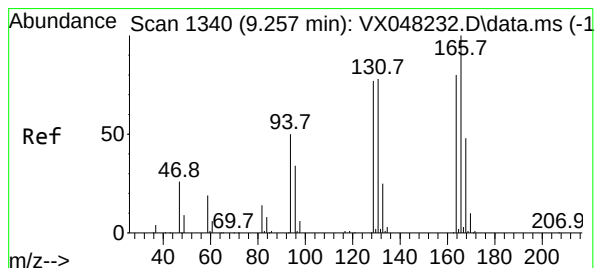
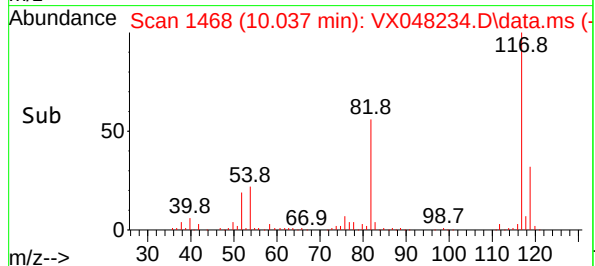
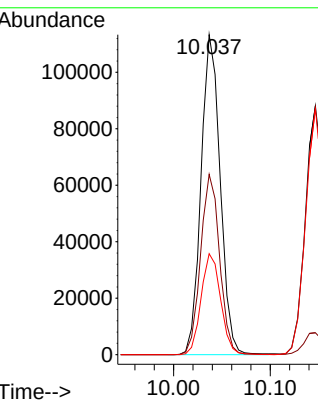
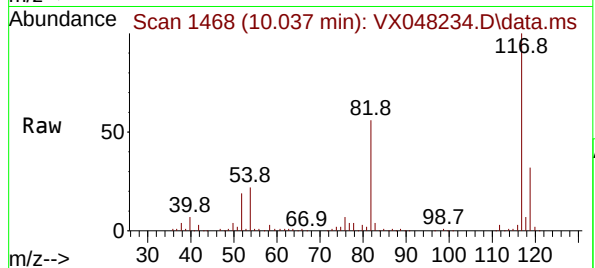
119 31.5 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#64

Tetrachloroethene

Concen: 154.361 ug/l

RT: 9.263 min Scan# 1341

Delta R.T. 0.006 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

Tgt Ion:164 Resp: 168581

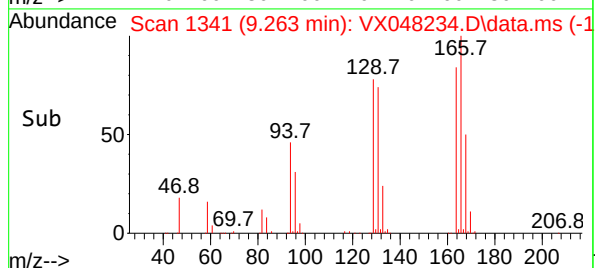
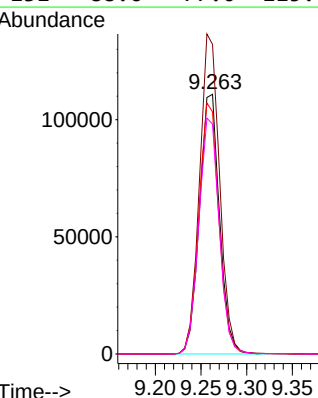
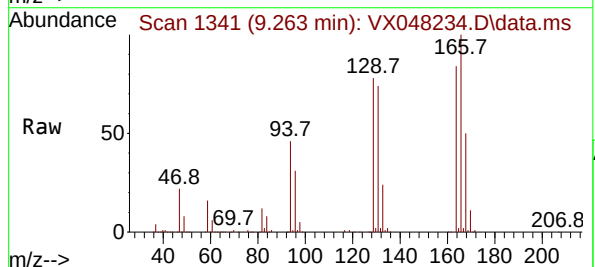
Ion Ratio Lower Upper

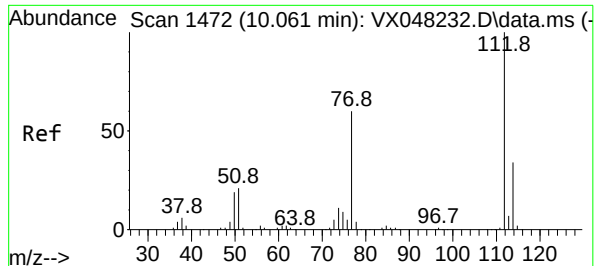
164 100

166 119.3 104.5 156.7

129 93.2 81.8 122.6

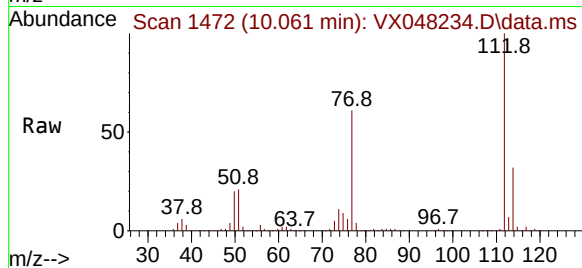
131 88.6 77.0 115.6





#65
Chlorobenzene
Concen: 151.209 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

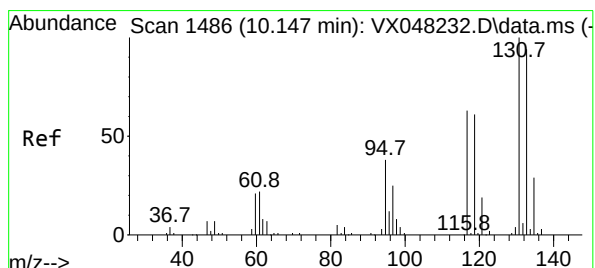
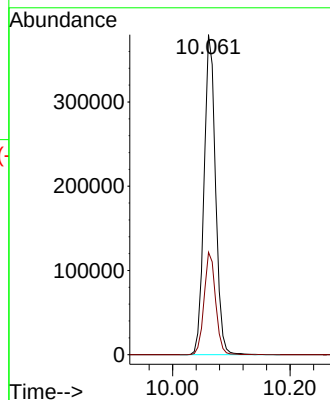
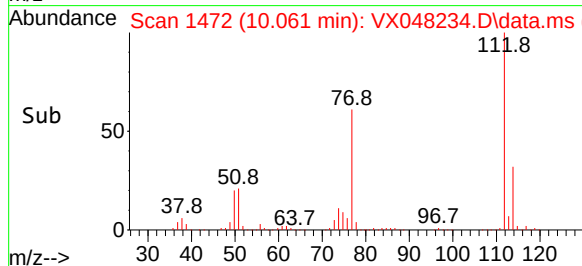
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:112 Resp: 51496
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.2

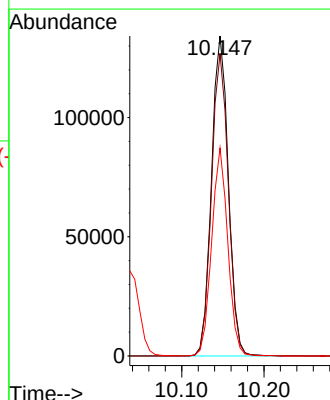
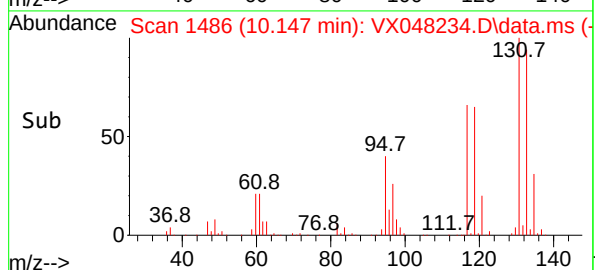
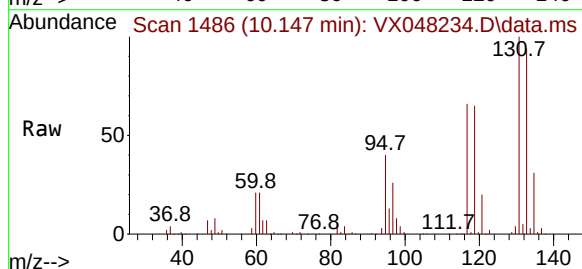
Manual Integrations
APPROVED

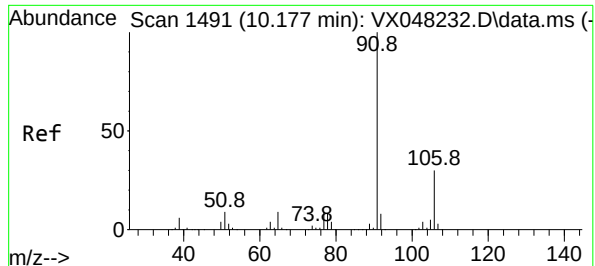
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 155.782 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:131 Resp: 191186
Ion Ratio Lower Upper
131 100
133 94.4 47.6 142.8
119 62.3 32.5 97.5





#67

Ethyl Benzene

Concen: 153.825 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 89813

Ion Ratio Lower Upper

91 100

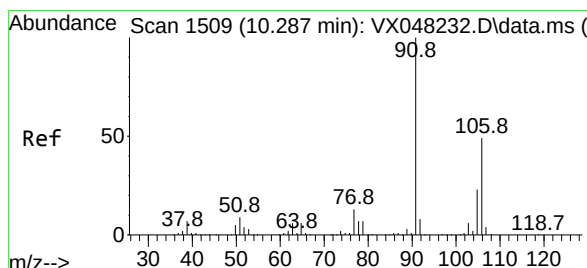
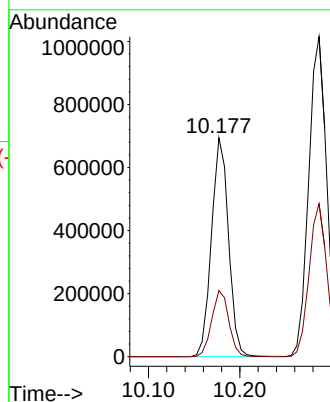
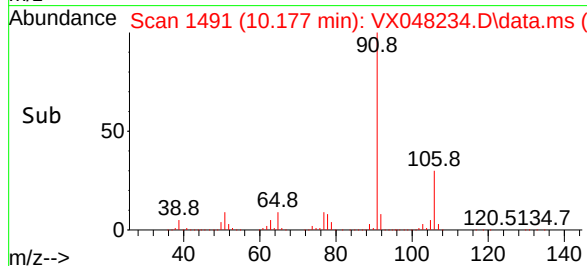
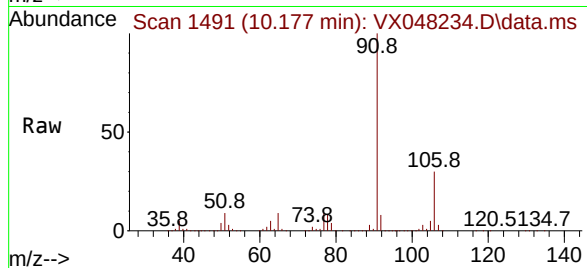
106 30.2 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#68

m/p-Xylenes

Concen: 303.896 ug/l

RT: 10.287 min Scan# 1509

Delta R.T. -0.000 min

Lab File: VX048234.D

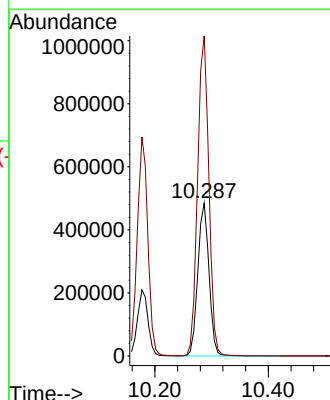
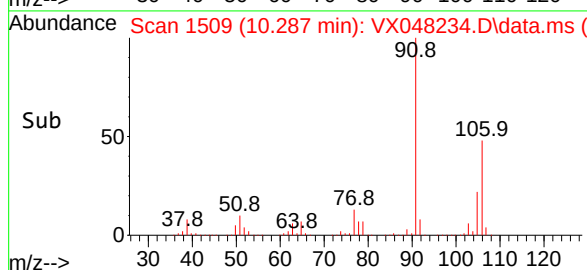
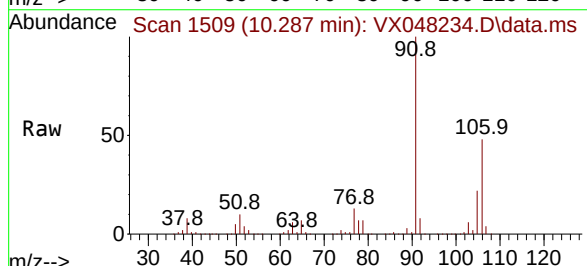
Acq: 20 Oct 2025 12:43

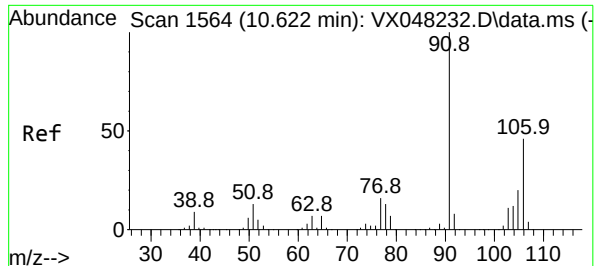
Tgt Ion:106 Resp: 661019

Ion Ratio Lower Upper

106 100

91 211.4 167.9 251.9





#69

o-Xylene

Concen: 156.444 ug/l

RT: 10.622 min Scan# 1564

Delta R.T. -0.000 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:106 Resp: 320334

Ion Ratio Lower Upper

106 100

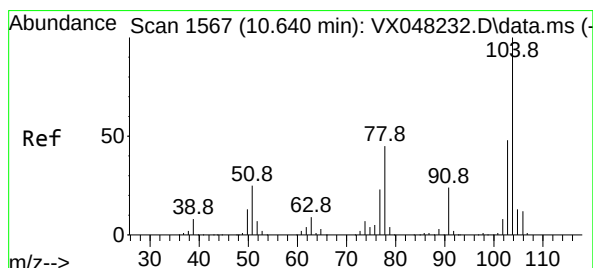
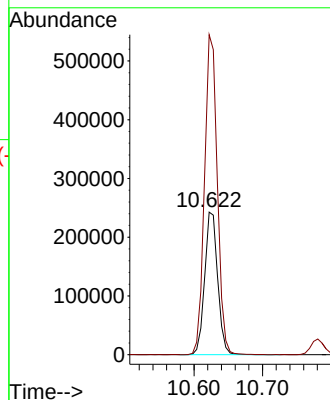
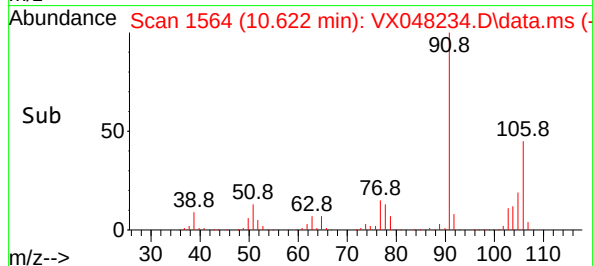
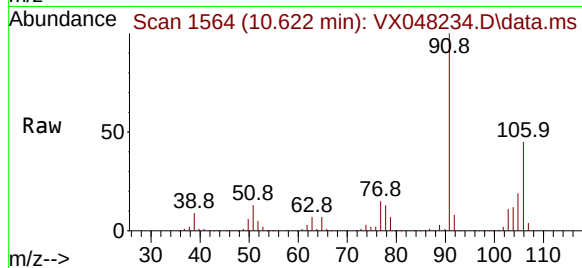
91 221.5 111.3 333.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#70

Styrene

Concen: 155.523 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

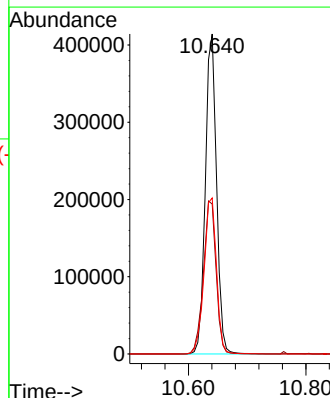
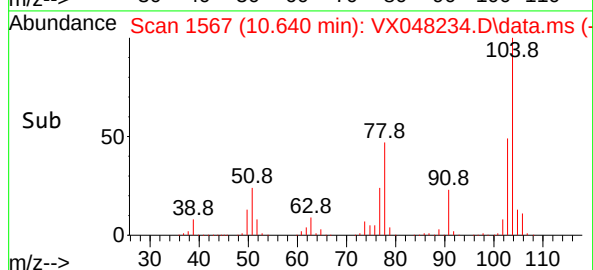
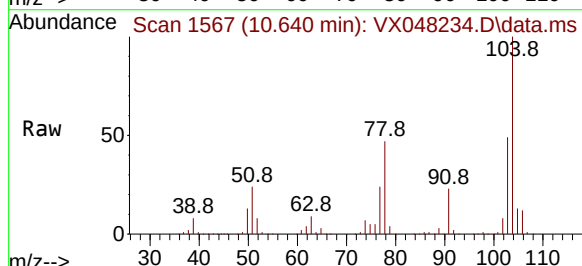
Tgt Ion:104 Resp: 548149

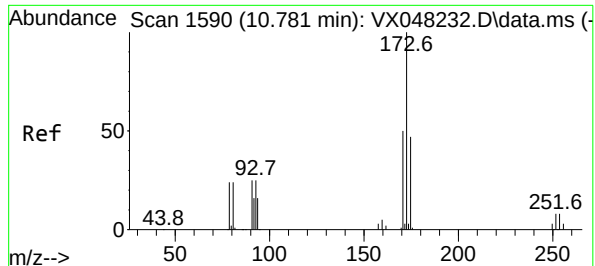
Ion Ratio Lower Upper

104 100

78 54.3 42.2 63.4

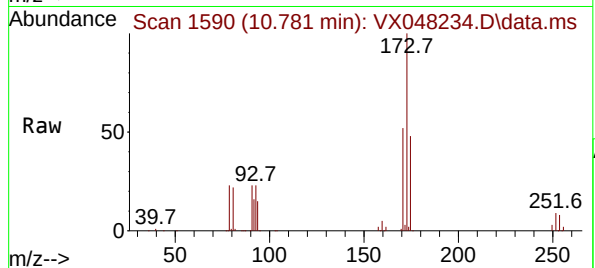
103 54.4 43.0 64.4





#71
Bromoform
Concen: 168.892 ug/l
RT: 10.781 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

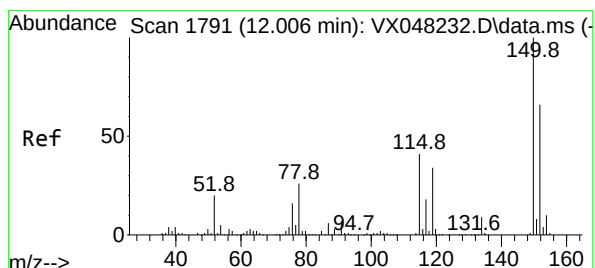
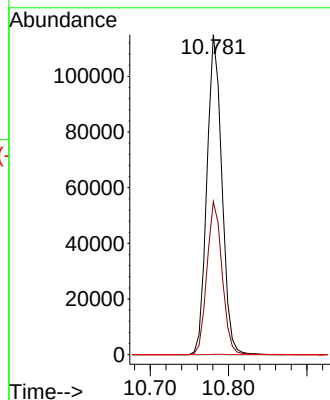
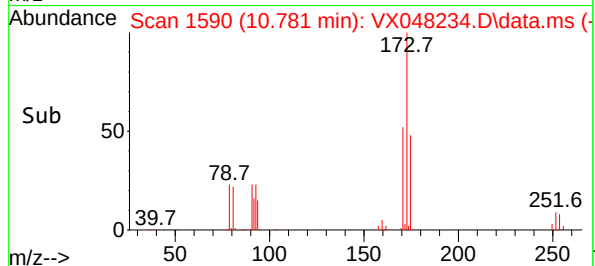
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:173 Resp: 152209
Ion Ratio Lower Upper
173 100
175 48.4 24.0 72.0
254 0.1 0.0 0.0

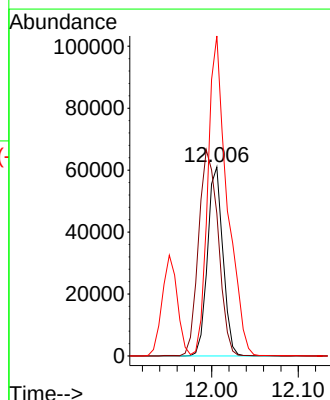
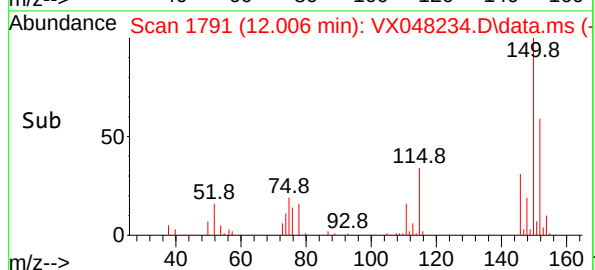
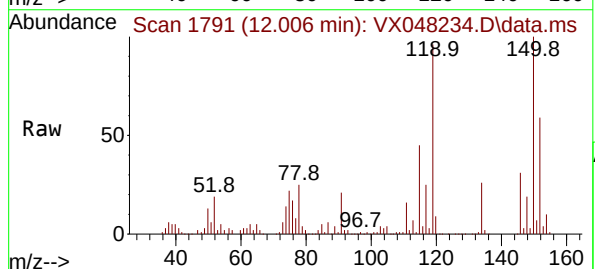
Manual Integrations
APPROVED

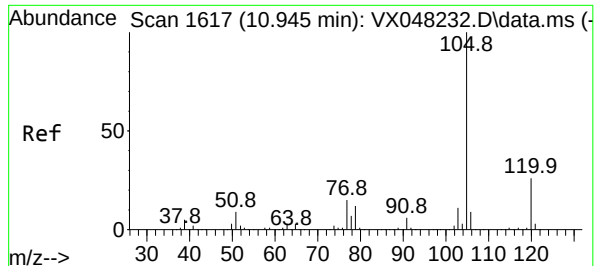
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:152 Resp: 75397
Ion Ratio Lower Upper
152 100
115 138.9 43.1 129.4#
150 212.6 0.0 353.0





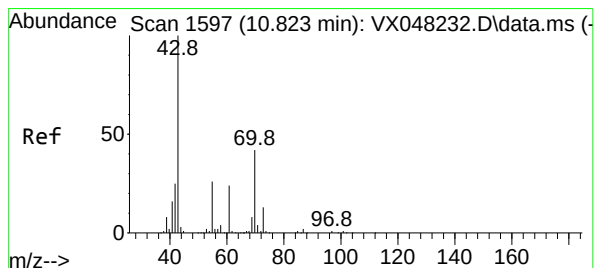
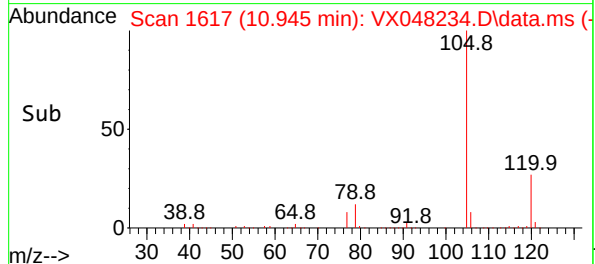
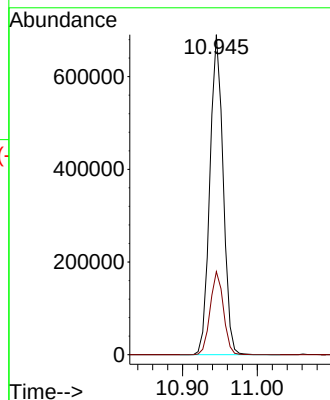
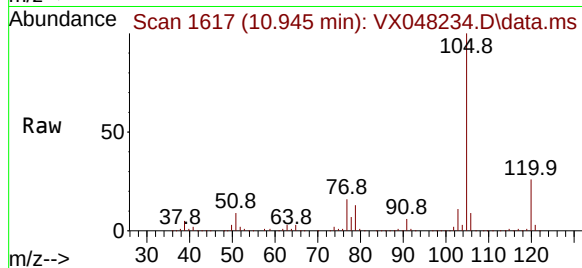
#73
Isopropylbenzene
Concen: 161.931 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:105 Resp: 84918
Ion Ratio Lower Upper
105 100
120 25.9 13.0 38.9

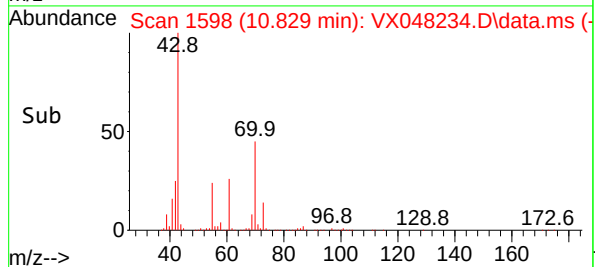
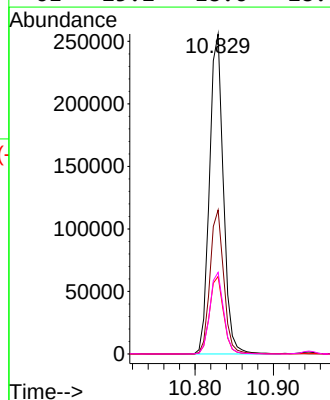
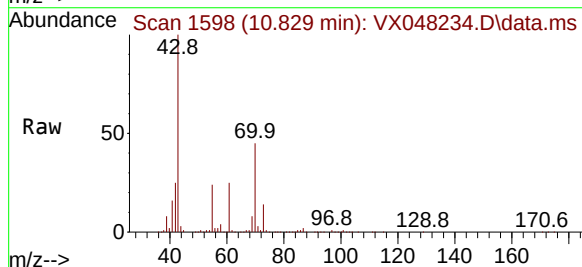
Manual Integrations
APPROVED

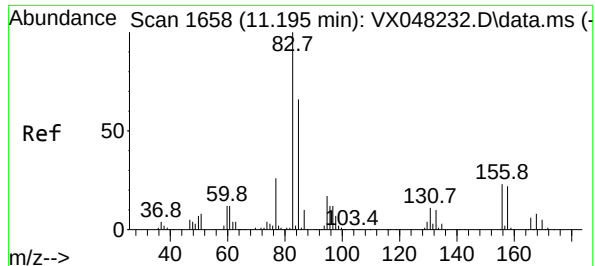
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#74
N-ethyl acetate
Concen: 160.952 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 43 Resp: 314879
Ion Ratio Lower Upper
43 100
70 44.5 32.2 48.2
55 24.4 19.1 28.7
61 25.2 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 151.104 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 83 Resp: 224480

Ion Ratio Lower Upper

83 100

131 10.7 4.8 14.4

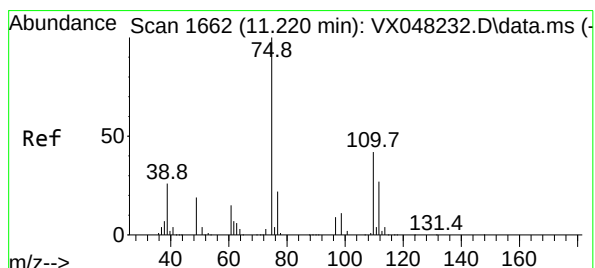
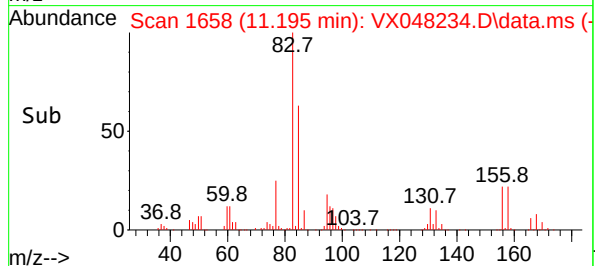
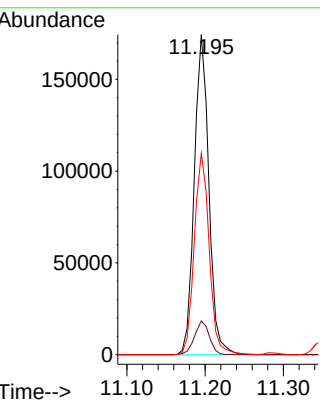
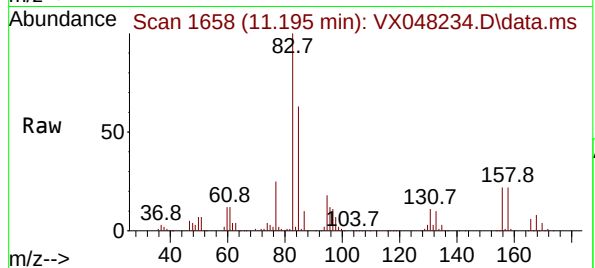
85 64.6 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#76

1,2,3-Trichloropropane

Concen: 157.586 ug/l m

RT: 11.220 min Scan# 1662

Delta R.T. -0.000 min

Lab File: VX048234.D

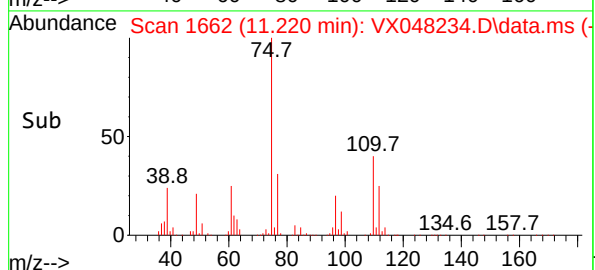
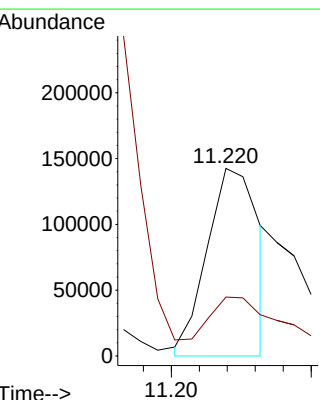
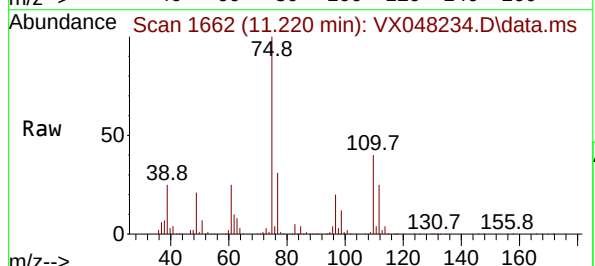
Acq: 20 Oct 2025 12:43

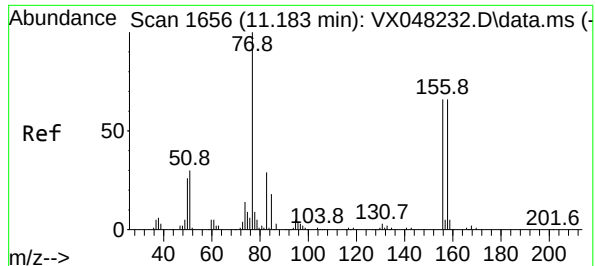
Tgt Ion: 75 Resp: 181434

Ion Ratio Lower Upper

75 100

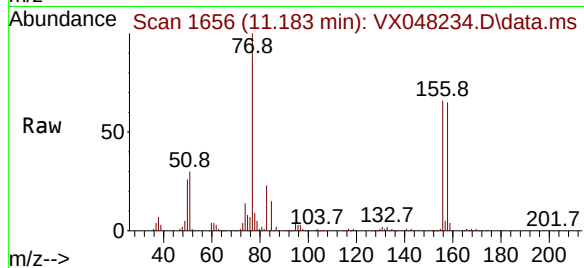
77 44.8 22.4 67.2





#77
Bromobenzene
Concen: 157.899 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

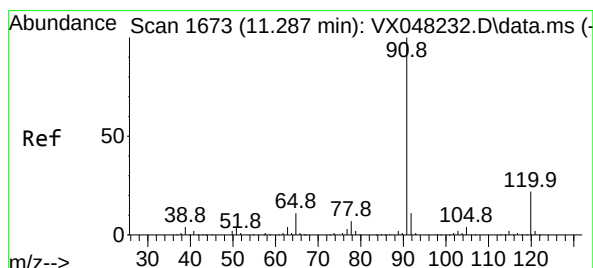
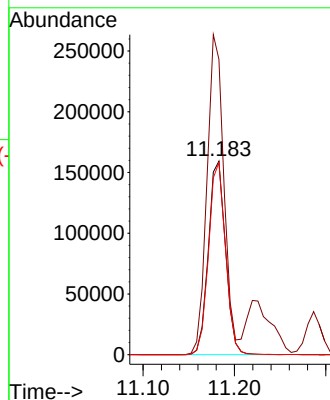
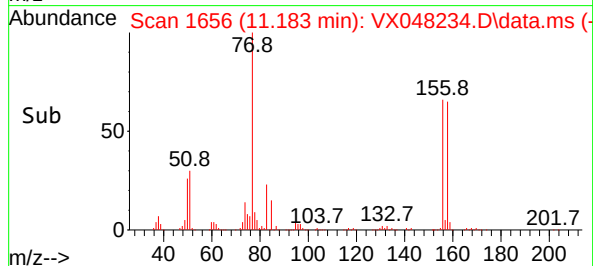
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:156 Resp: 20721
Ion Ratio Lower Upper
156 100
77 161.9 87.0 261.0
158 97.9 47.8 143.4

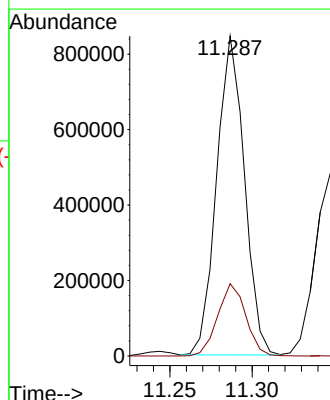
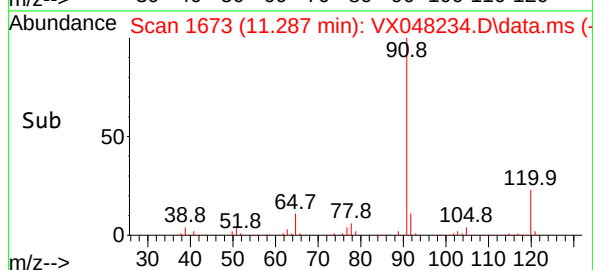
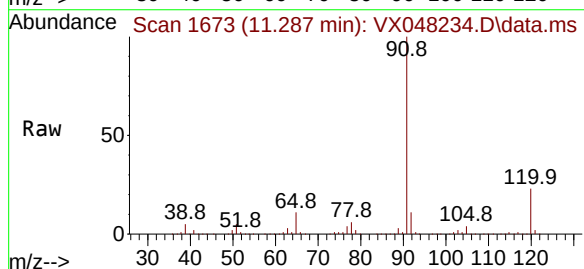
Manual Integrations
APPROVED

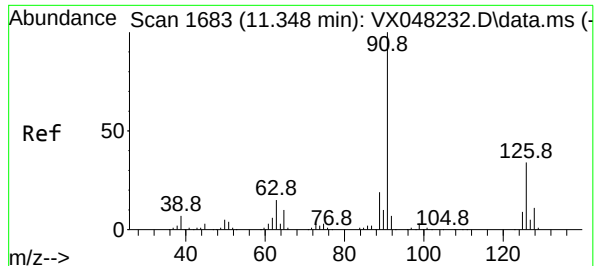
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#78
n-propylbenzene
Concen: 155.984 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 91 Resp: 991960
Ion Ratio Lower Upper
91 100
120 22.9 11.1 33.1





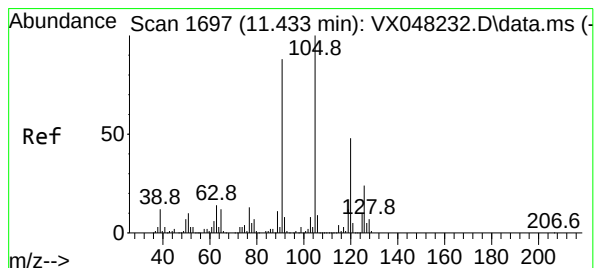
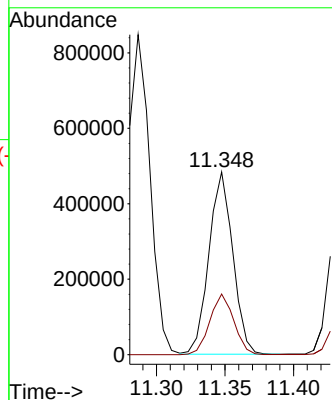
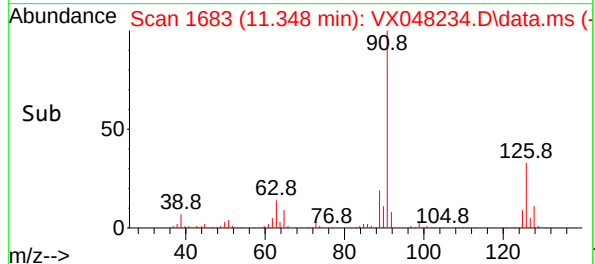
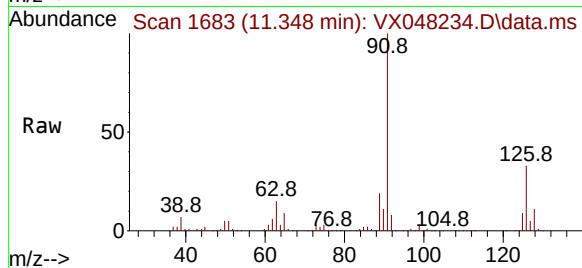
#79
2-Chlorotoluene
Concen: 152.465 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 585792
Ion Ratio Lower Upper
91 100
126 33.5 16.4 49.4

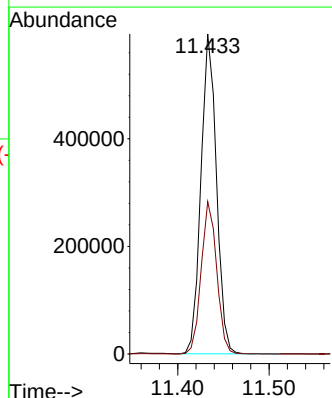
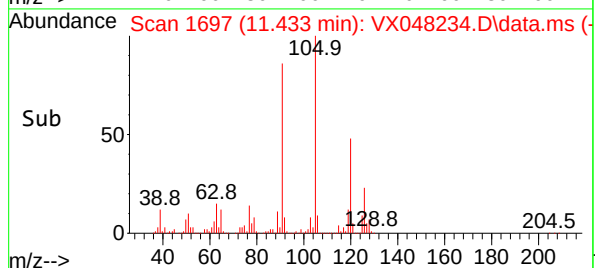
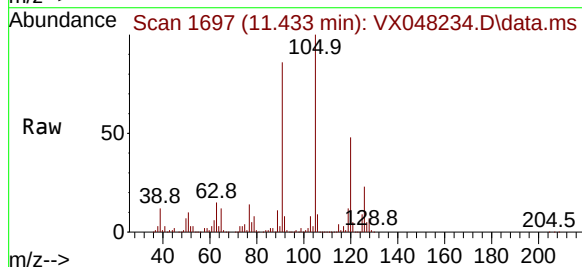
Manual Integrations
APPROVED

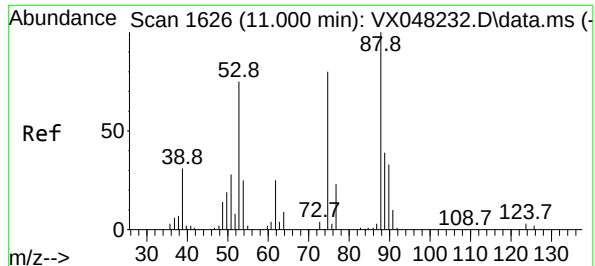
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 162.591 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

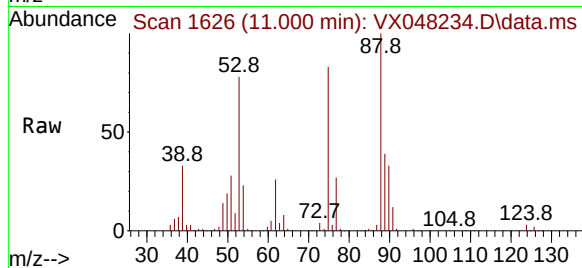
Tgt Ion:105 Resp: 699885
Ion Ratio Lower Upper
105 100
120 47.7 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 176.858 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

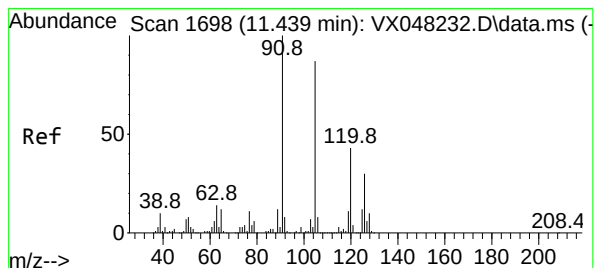
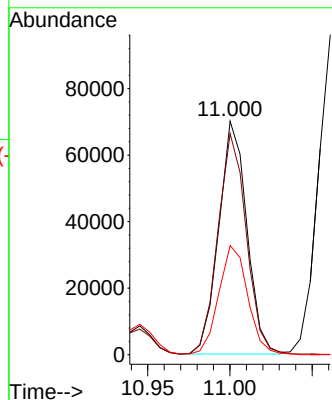
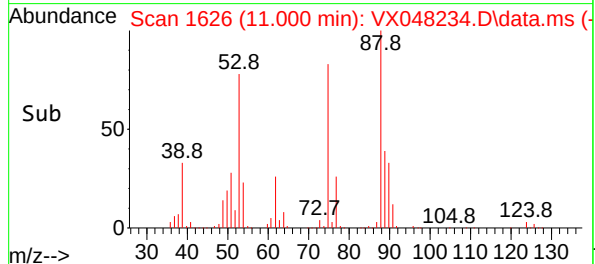
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 83158
Ion Ratio Lower Upper
75 100
53 96.5 79.5 119.3
89 48.6 36.8 55.2

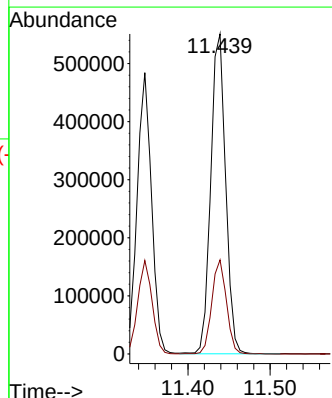
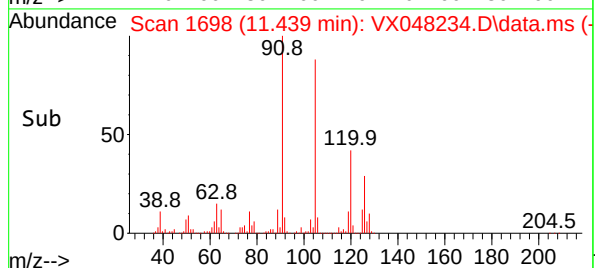
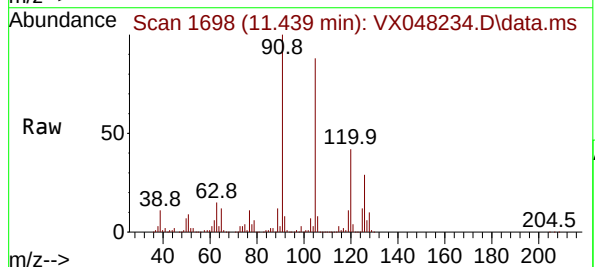
Manual Integrations
APPROVED

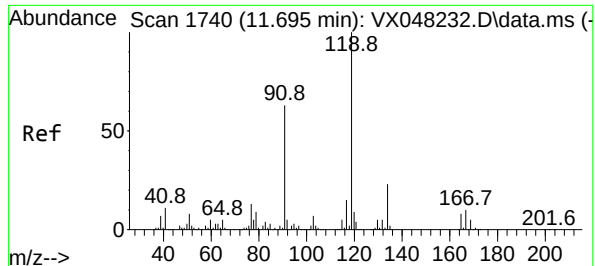
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#82
4-Chlorotoluene
Concen: 153.240 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 91 Resp: 691903
Ion Ratio Lower Upper
91 100
126 29.0 14.1 42.4





#83

tert-Butylbenzene

Concen: 165.020 ug/l

RT: 11.695 min Scan# 1740

Delta R.T. -0.000 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:119 Resp: 71764

Ion Ratio Lower Upper

119 100

91 58.9 30.3 91.0

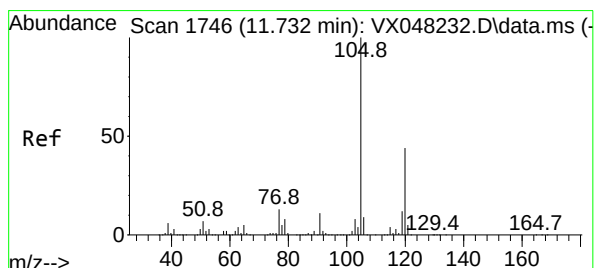
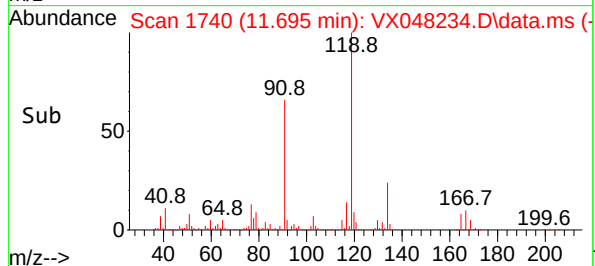
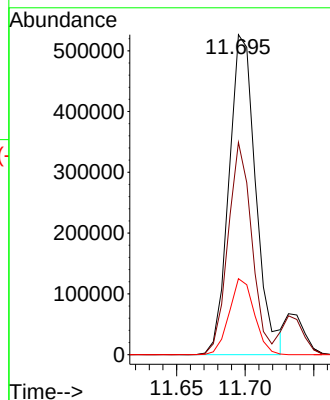
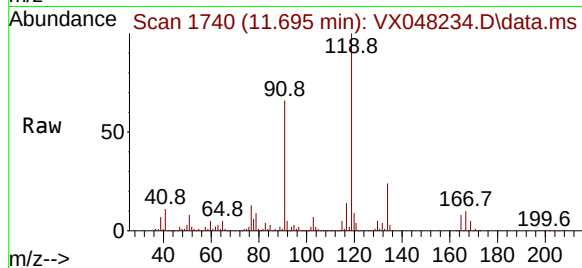
134 22.3 11.4 34.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#84

1,2,4-Trimethylbenzene

Concen: 164.961 ug/l

RT: 11.732 min Scan# 1746

Delta R.T. -0.000 min

Lab File: VX048234.D

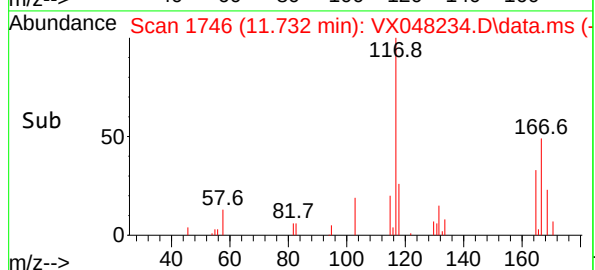
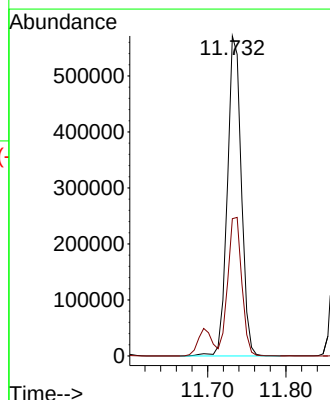
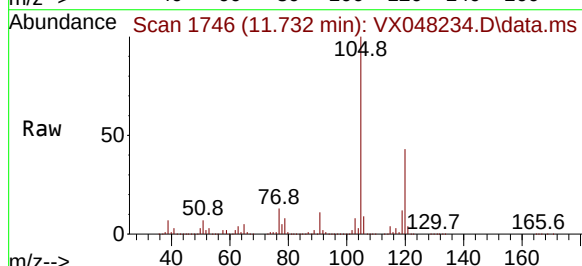
Acq: 20 Oct 2025 12:43

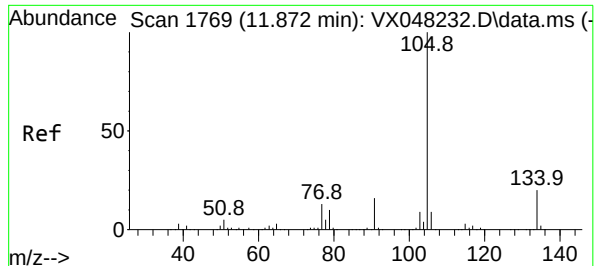
Tgt Ion:105 Resp: 707074

Ion Ratio Lower Upper

105 100

120 43.5 22.1 66.5





#85

sec-Butylbenzene

Concen: 162.035 ug/l

RT: 11.872 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:105 Resp: 861460

Ion Ratio Lower Upper

105 100

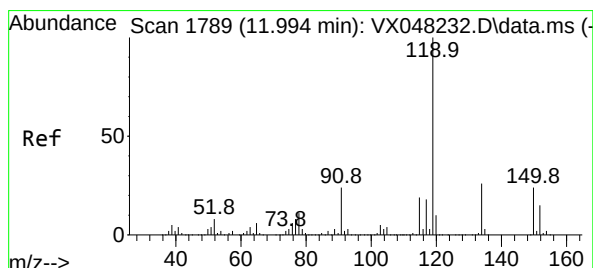
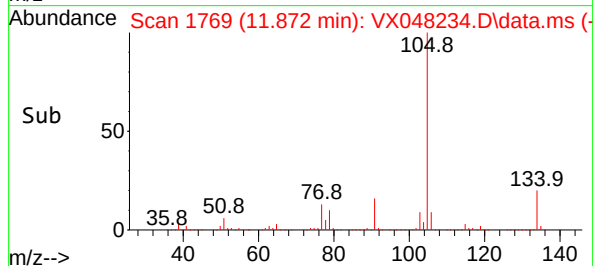
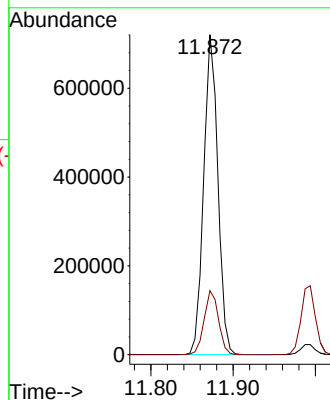
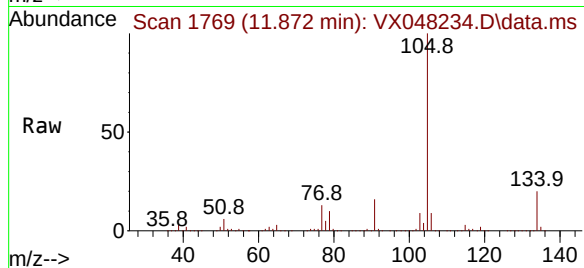
134 20.3 10.1 30.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#86

p-Isopropyltoluene

Concen: 164.794 ug/l

RT: 11.994 min Scan# 1789

Delta R.T. 0.006 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

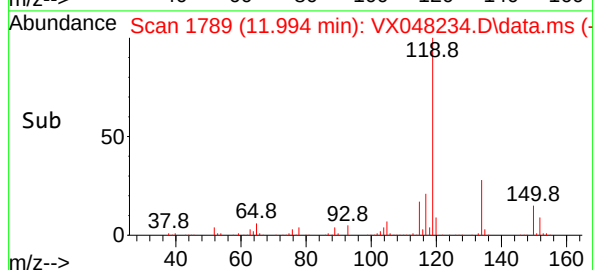
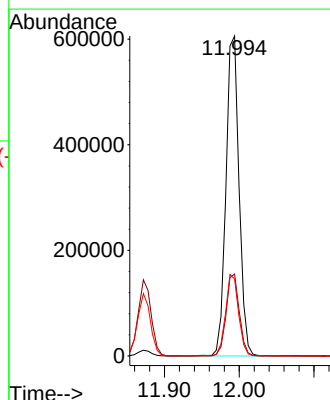
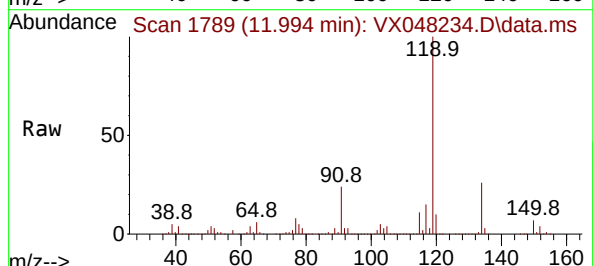
Tgt Ion:119 Resp: 738496

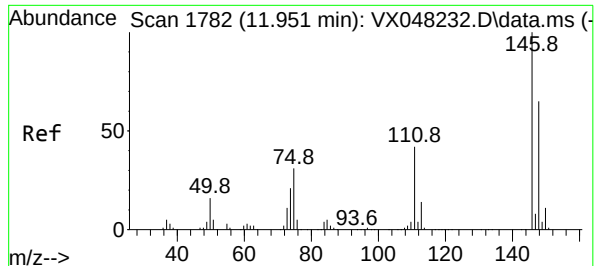
Ion Ratio Lower Upper

119 100

134 25.6 13.0 39.0

91 25.1 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 157.307 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:146 Resp: 386062

Ion Ratio Lower Upper

146 100

111 42.7 20.4 61.2

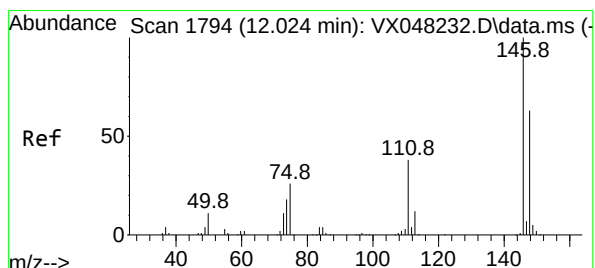
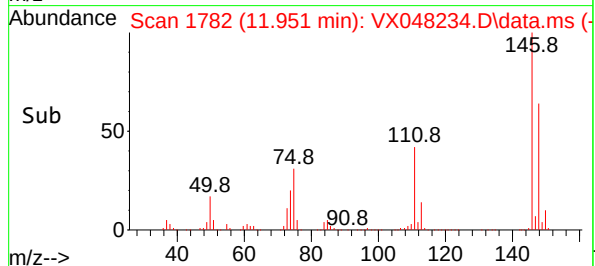
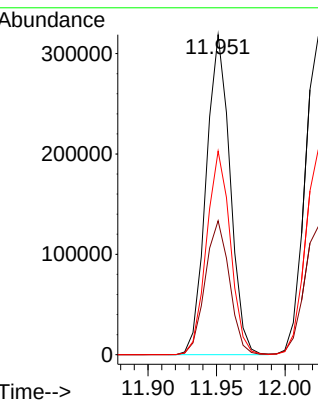
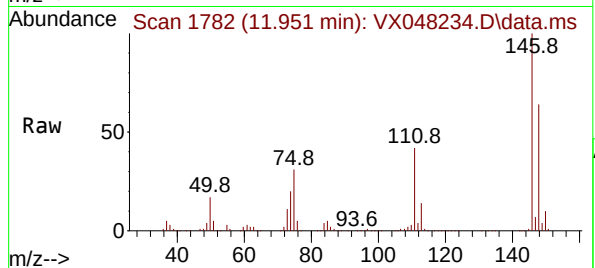
148 63.5 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#88

1,4-Dichlorobenzene

Concen: 152.078 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

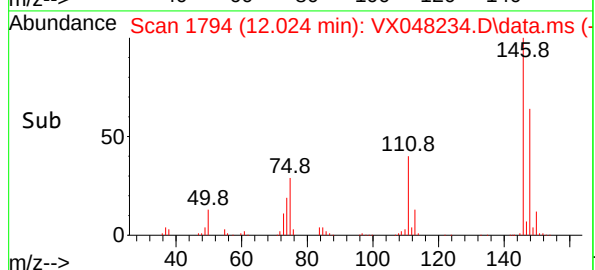
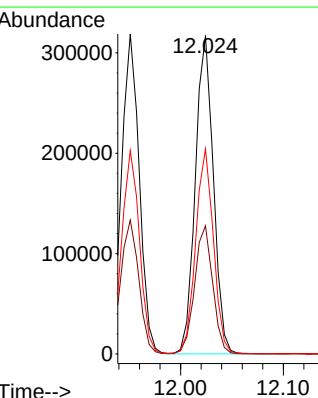
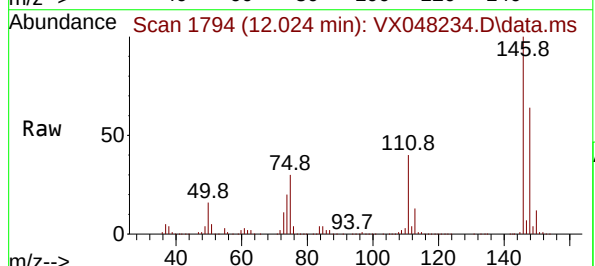
Tgt Ion:146 Resp: 386885

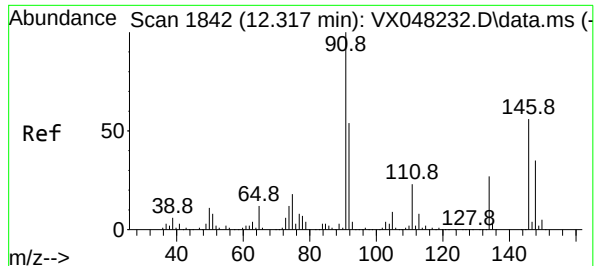
Ion Ratio Lower Upper

146 100

111 40.5 20.1 60.2

148 63.4 31.8 95.3





#89

n-Butylbenzene

Concen: 159.098 ug/l

RT: 12.311 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 66407

Ion Ratio Lower Upper

91 100

92 54.4 26.9 80.6

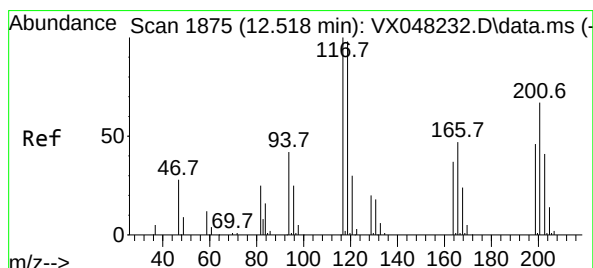
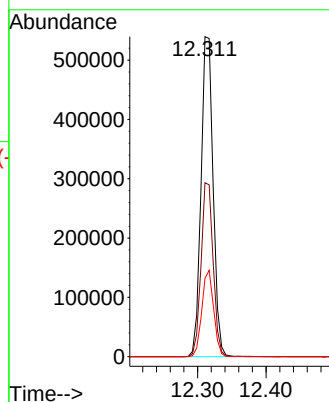
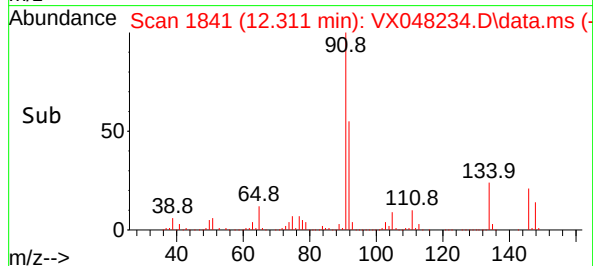
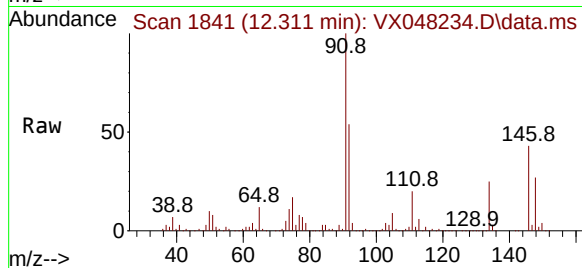
134 26.3 12.7 38.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#90

Hexachloroethane

Concen: 154.159 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VX048234.D

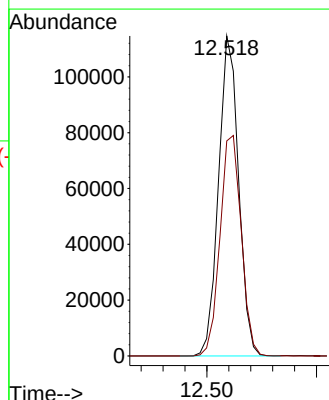
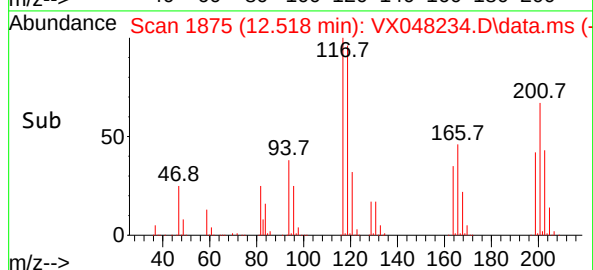
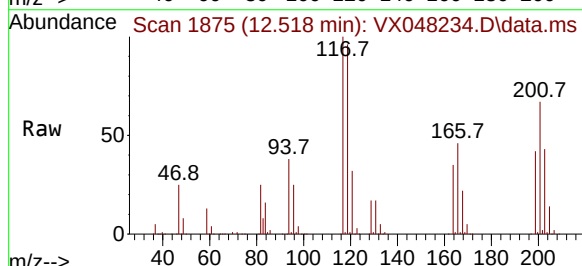
Acq: 20 Oct 2025 12:43

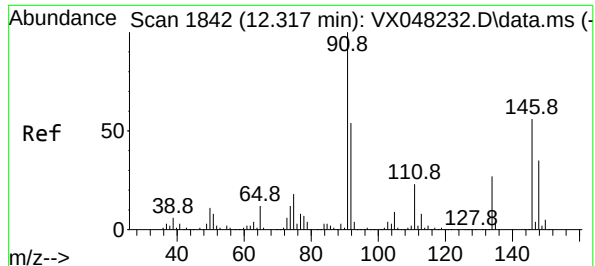
Tgt Ion:117 Resp: 145813

Ion Ratio Lower Upper

117 100

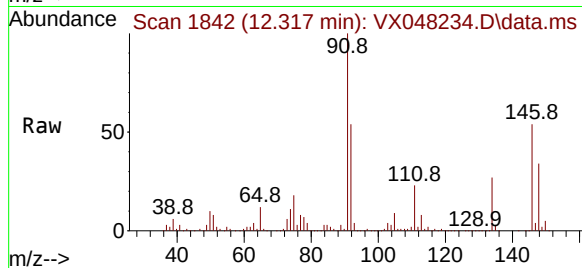
201 73.0 34.1 102.2





#91
1,2-Dichlorobenzene
Concen: 154.946 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

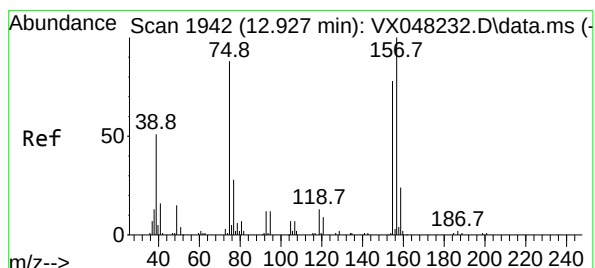
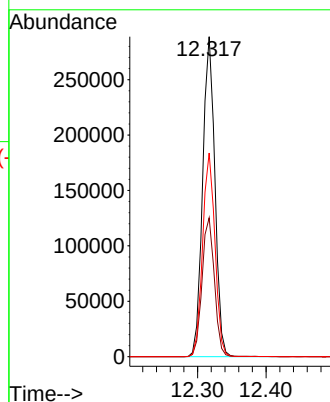
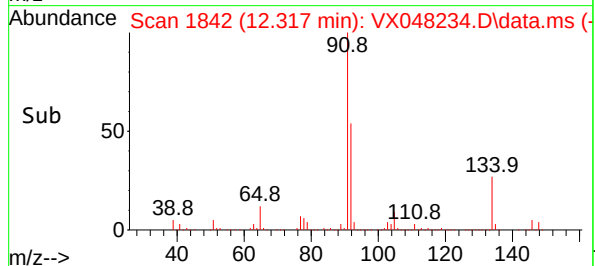
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:146 Resp: 359278
Ion Ratio Lower Upper
146 100
111 43.8 21.9 65.5
148 64.4 31.9 95.5

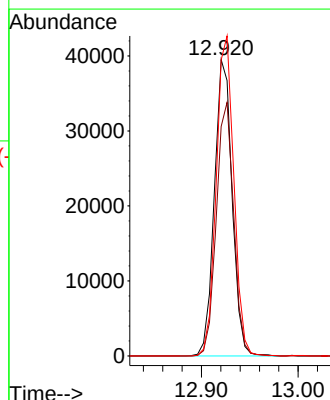
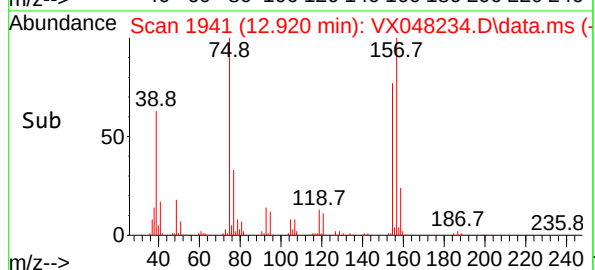
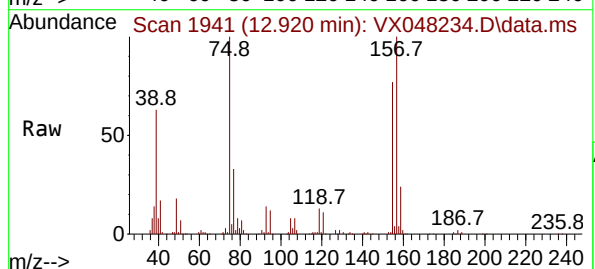
Manual Integrations
APPROVED

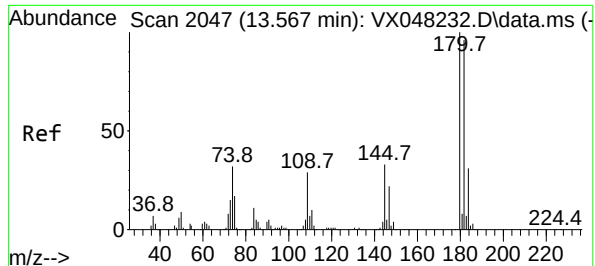
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 185.536 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 75 Resp: 50367
Ion Ratio Lower Upper
75 100
155 83.7 42.8 128.4
157 106.9 54.2 162.6





#93

1,2,4-Trichlorobenzene

Concen: 180.791 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:180 Resp: 247472

Ion Ratio Lower Upper

180 100

182 94.5 47.3 142.0

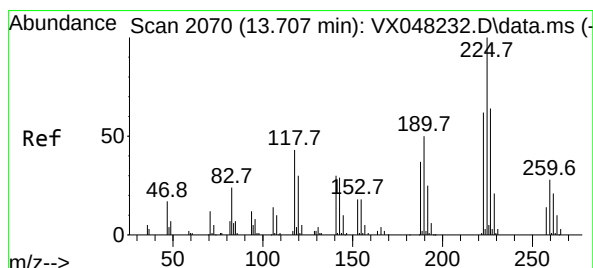
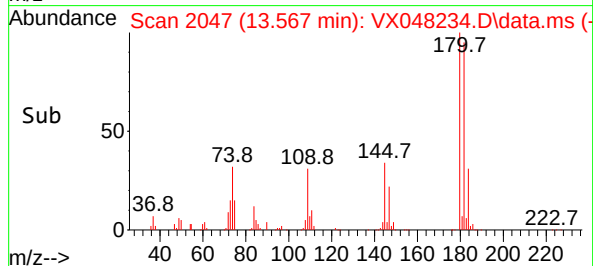
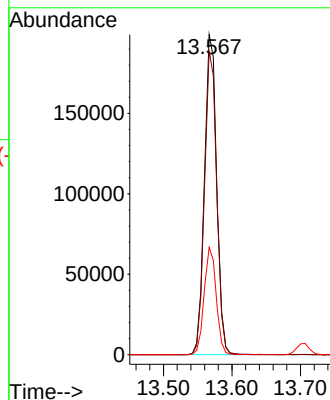
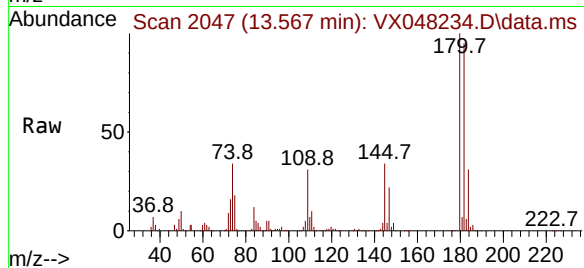
145 33.2 16.3 48.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#94

Hexachlorobutadiene

Concen: 175.138 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. 0.006 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

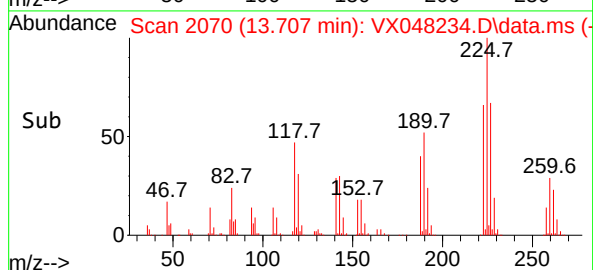
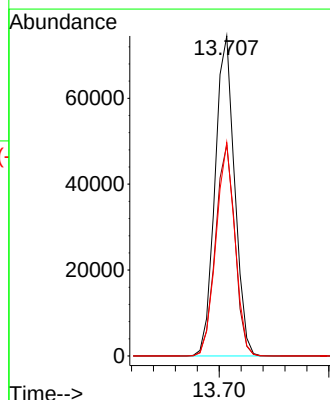
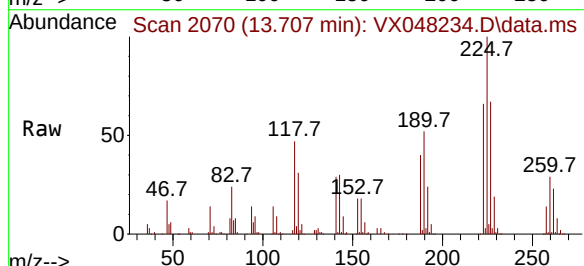
Tgt Ion:225 Resp: 92458

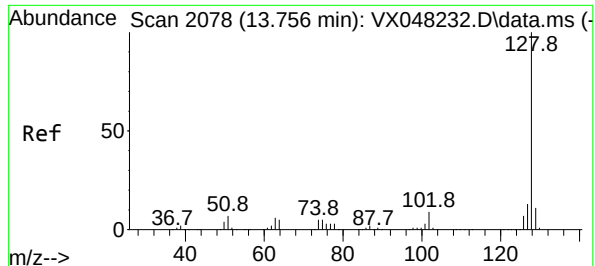
Ion Ratio Lower Upper

225 100

223 65.2 32.6 97.7

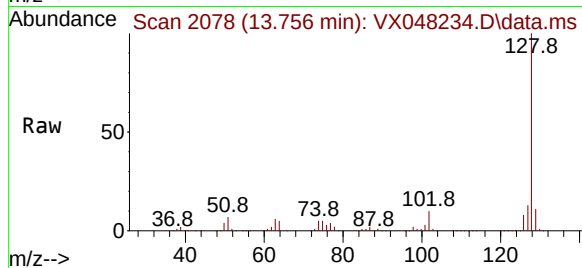
227 64.3 32.5 97.4





#95
Naphthalene
Concen: 199.386 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

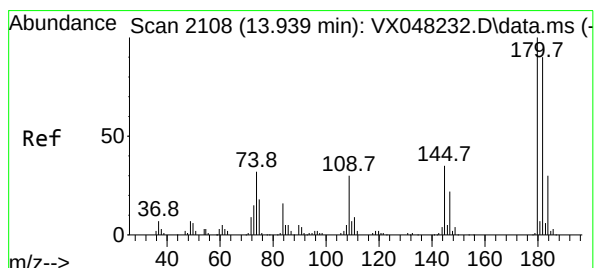
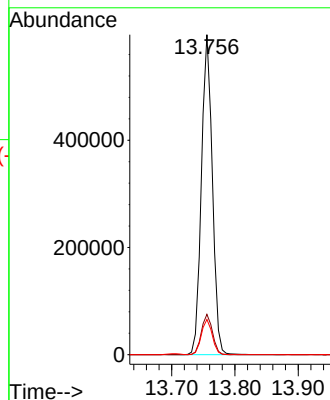
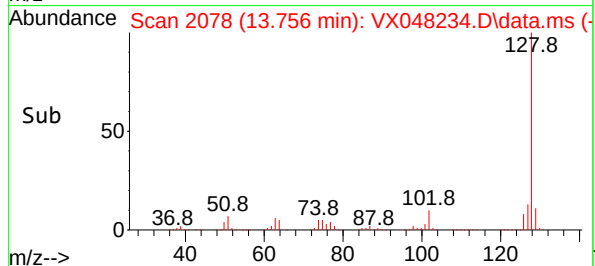
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:128 Resp: 71943
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.0 8.6 12.8

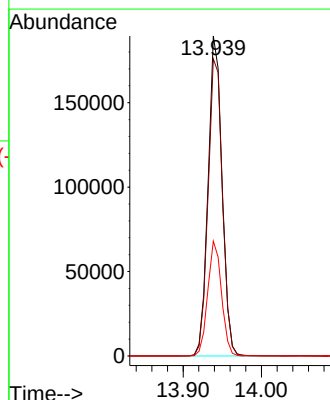
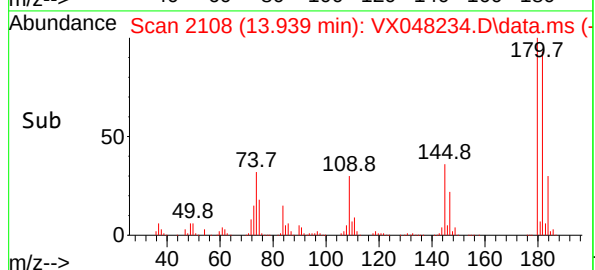
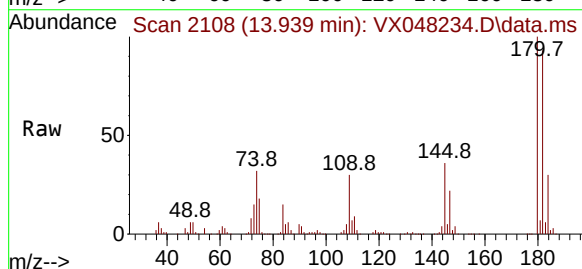
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#96
1,2,3-Trichlorobenzene
Concen: 185.022 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:180 Resp: 233671
Ion Ratio Lower Upper
180 100
182 95.5 46.6 139.7
145 35.4 16.9 50.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
 Data File : VX048236.D
 Acq On : 20 Oct 2025 13:49
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/21/2025
 Supervised By : Semsettin Yesilyurt 10/21/2025

Quant Time: Oct 20 14:07:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 13:10:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	138374	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	228619	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	208481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	105998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	10036	4.008	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	8.020%#		
35) Dibromofluoromethane	5.379	113	7733	3.839	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	7.680%#		
50) Toluene-d8	8.634	98	27914	3.999	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	8.000%#		
62) 4-Bromofluorobenzene	11.067	95	11429	4.042	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	8.080%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	7219	5.194	ug/l	93
3) Chloromethane	1.300	50	7032	5.531	ug/l	95
4) Vinyl Chloride	1.380	62	6338	5.341	ug/l	98
5) Bromomethane	1.611	94	4789	5.918	ug/l	99
6) Chloroethane	1.691	64	3610	5.085	ug/l	99
7) Trichlorofluoromethane	1.898	101	12170	5.319	ug/l	96
8) Diethyl Ether	2.136	74	3283	5.035	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.337	101	7656	5.264	ug/l	92
10) Methyl Iodide	2.453	142	7871	4.284	ug/l	98
11) Tert butyl alcohol	2.940	59	5994	33.503	ug/l #	80
12) 1,1-Dichloroethene	2.325	96	7107	4.991	ug/l	91
13) Acrolein	2.233	56	5456	27.637	ug/l	96
14) Allyl chloride	2.666	41	11531	4.839	ug/l	96
15) Acrylonitrile	3.062	53	16982	24.912	ug/l	97
16) Acetone	2.373	43	18141	27.636	ug/l	100
17) Carbon Disulfide	2.520	76	23369	5.270	ug/l	96
18) Methyl Acetate	2.703	43	6418	4.639	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	22931	4.663	ug/l	97
20) Methylene Chloride	2.788	84	8228	5.163	ug/l #	81
21) trans-1,2-Dichloroethene	3.093	96	8343	5.393	ug/l	94
22) Diisopropyl ether	3.757	45	23533	4.984	ug/l #	97
23) Vinyl Acetate	3.721	43	91771	24.336	ug/l #	90
24) 1,1-Dichloroethane	3.605	63	14582	5.126	ug/l #	97
25) 2-Butanone	4.550	43	21808	26.293	ug/l #	89
26) 2,2-Dichloropropane	4.471	77	13077	5.066	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	9312	5.084	ug/l	96
28) Bromochloromethane	4.885	49	6488	5.474	ug/l #	89
29) Tetrahydrofuran	4.995	42	12637	25.353	ug/l	98
30) Chloroform	5.086	83	15814	5.159	ug/l	96
31) Cyclohexane	5.458	56	11661	4.943	ug/l	98
32) 1,1,1-Trichloroethane	5.367	97	14399	5.115	ug/l	98
36) 1,1-Dichloropropene	5.684	75	10855	5.001	ug/l	99
37) Ethyl Acetate	4.702	43	9058m	4.970	ug/l	
38) Carbon Tetrachloride	5.672	117	14225	5.323	ug/l #	81
39) Methylcyclohexane	7.366	83	13491	5.318	ug/l	97
40) Benzene	6.031	78	32115	5.103	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
 Data File : VX048236.D
 Acq On : 20 Oct 2025 13:49
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025

Quant Time: Oct 20 14:07:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 13:10:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	4538m	4.817	ug/l	
42) 1,2-Dichloroethane	6.074	62	11412	4.870	ug/l	100
43) Isopropyl Acetate	6.330	43	13996	4.656	ug/l #	93
44) Trichloroethene	7.110	130	8373	5.009	ug/l	93
45) 1,2-Dichloropropane	7.415	63	7709	5.129	ug/l	99
46) Dibromomethane	7.568	93	6041	5.181	ug/l	91
47) Bromodichloromethane	7.811	83	12974	5.126	ug/l	97
48) Methyl methacrylate	7.683	41	6863	4.542	ug/l	94
49) 1,4-Dioxane	7.659	88	2020	103.402	ug/l	97
51) 4-Methyl-2-Pentanone	8.555	43	42725	24.936	ug/l	97
52) Toluene	8.708	92	21137	5.296	ug/l	97
53) t-1,3-Dichloropropene	8.964	75	12015	4.914	ug/l	98
54) cis-1,3-Dichloropropene	8.354	75	12702	4.820	ug/l	90
55) 1,1,2-Trichloroethane	9.140	97	8113	5.453	ug/l	91
56) Ethyl methacrylate	9.104	69	10320	4.713	ug/l	94
57) 1,3-Dichloropropane	9.293	76	13087	5.112	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.232	63	20764	19.525	ug/l	98
59) 2-Hexanone	9.415	43	30949	25.896	ug/l	96
60) Dibromochloromethane	9.506	129	10082	5.028	ug/l	99
61) 1,2-Dibromoethane	9.592	107	8079	5.075	ug/l	100
64) Tetrachloroethene	9.256	164	8020	5.341	ug/l	92
65) Chlorobenzene	10.061	112	23873	5.236	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.146	131	8450	5.012	ug/l	98
67) Ethyl Benzene	10.177	91	39121	5.044	ug/l	96
68) m/p-Xylenes	10.287	106	30310	10.586	ug/l	97
69) o-Xylene	10.628	106	14262	5.128	ug/l	98
70) Styrene	10.640	104	24289	5.138	ug/l	98
71) Bromoform	10.780	173	6766	5.031	ug/l #	96
73) Isopropylbenzene	10.945	105	37935	5.082	ug/l	99
74) N-amyl acetate	10.829	43	12188	4.544	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.195	83	10324	4.992	ug/l	98
76) 1,2,3-Trichloropropane	11.225	75	8134m	4.889	ug/l	
77) Bromobenzene	11.183	156	9508	5.027	ug/l	94
78) n-propylbenzene	11.286	91	44189	5.097	ug/l	99
79) 2-Chlorotoluene	11.347	91	26627	5.032	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	30618	4.910	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	3038	4.387	ug/l	96
82) 4-Chlorotoluene	11.439	91	31357	5.017	ug/l	97
83) tert-Butylbenzene	11.695	119	32297	5.086	ug/l	96
84) 1,2,4-Trimethylbenzene	11.731	105	31709	5.129	ug/l	100
85) sec-Butylbenzene	11.872	105	39113	5.118	ug/l	99
86) p-Isopropyltoluene	11.994	119	34155	5.185	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	18546	5.256	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	18787	5.081	ug/l	91
89) n-Butylbenzene	12.317	91	30409	5.069	ug/l	99
90) Hexachloroethane	12.518	117	6863	5.210	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	16849	5.076	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.926	75	1984	4.680	ug/l	98
93) 1,2,4-Trichlorobenzene	13.573	180	10538	4.693	ug/l	98
94) Hexachlorobutadiene	13.707	225	5113	4.948	ug/l	96
95) Naphthalene	13.756	128	26218	4.374	ug/l	98
96) 1,2,3-Trichlorobenzene	13.944	180	10040	4.906	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048236.D
Acq On : 20 Oct 2025 13:49
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

Quant Time: Oct 20 14:07:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 13:10:39 2025
Response via : Initial Calibration

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

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

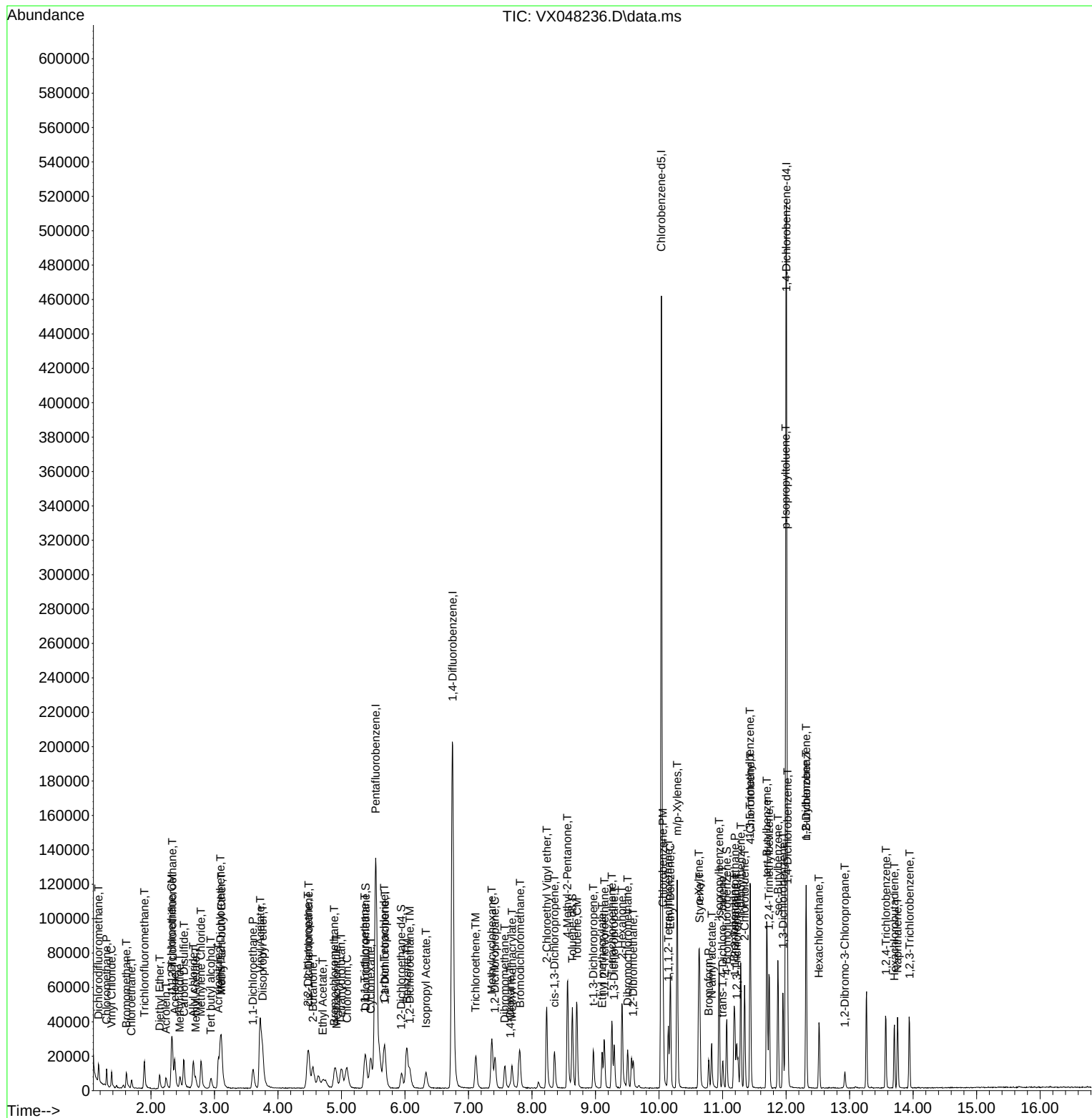
```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\  
Data File : VX048236.D  
Acq On    : 20 Oct 2025  13:49  
Operator  : JC/MD  
Sample    : VSTDIC005  
Misc      : 5.0mL/MSVOA_X/WATER  
ALS Vial  : 12   Sample Multiplier: 1
```

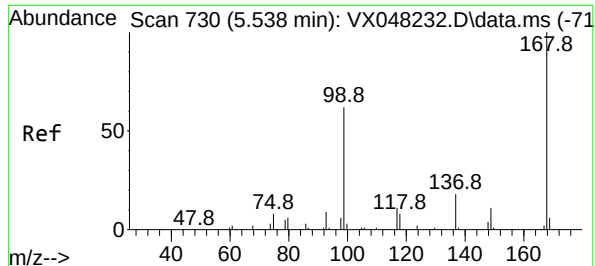
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

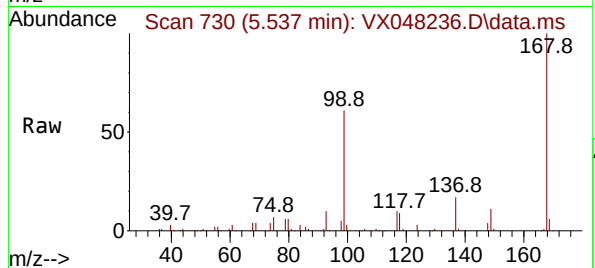
Quant Time: Oct 20 14:07:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 13:10:39 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

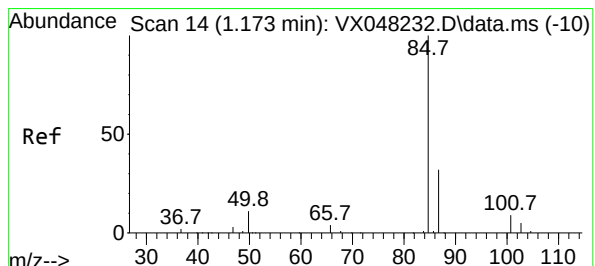
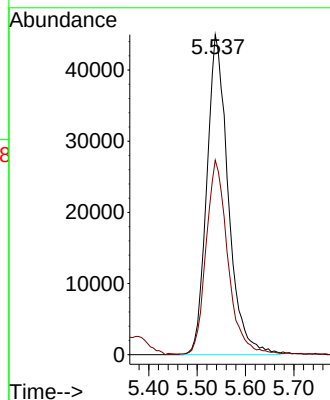
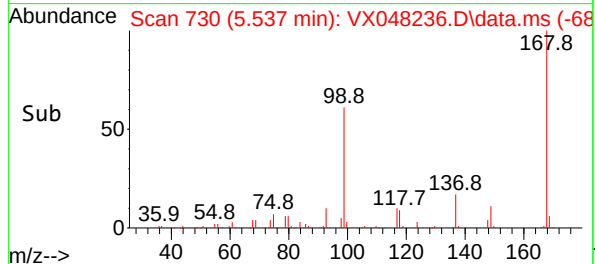
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:168 Resp: 138374
Ion Ratio Lower Upper
168 100
99 60.5 46.4 69.6

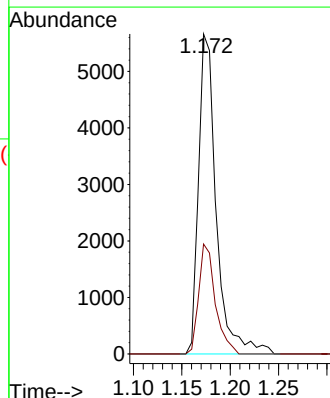
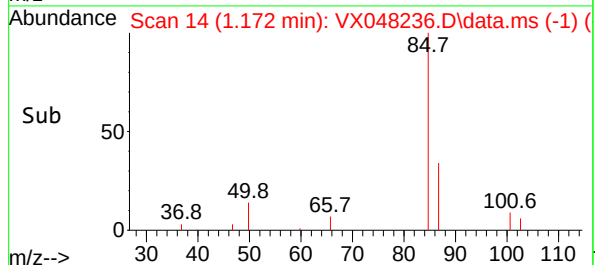
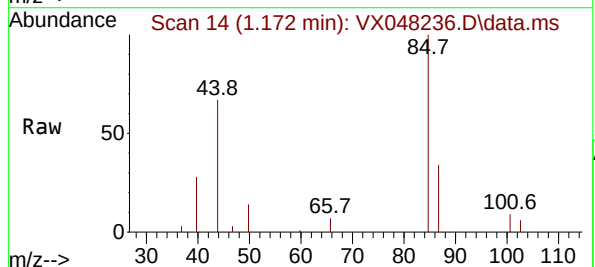
Manual Integrations
APPROVED

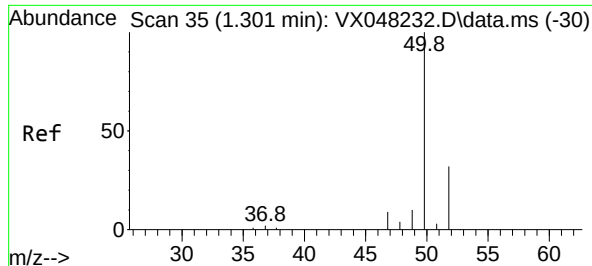
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#2
Dichlorodifluoromethane
Concen: 5.194 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 85 Resp: 7219
Ion Ratio Lower Upper
85 100
87 34.3 15.3 45.9





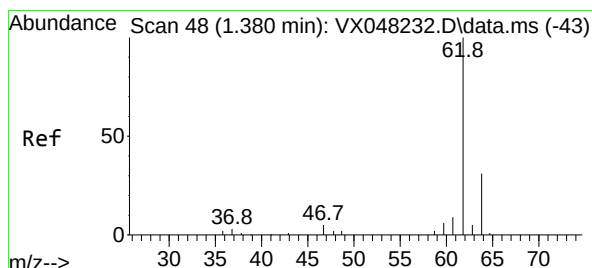
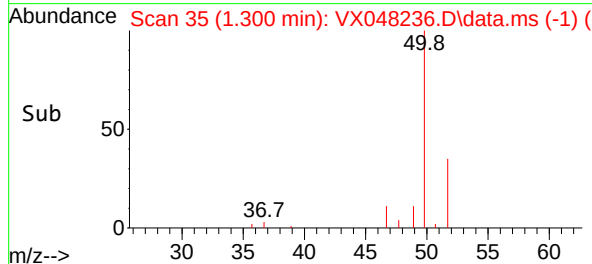
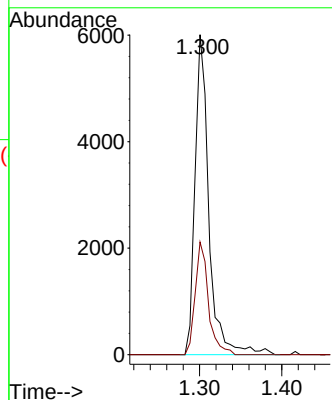
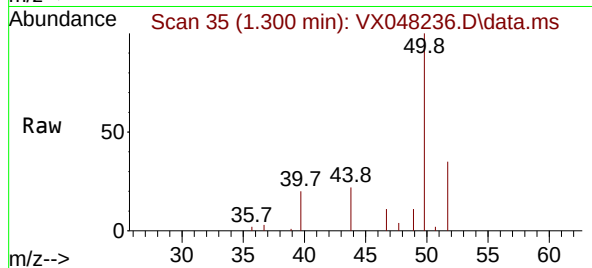
#3
Chloromethane
Concen: 5.531 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 7032
Ion Ratio Lower Upper
50 100
52 35.2 25.9 38.9

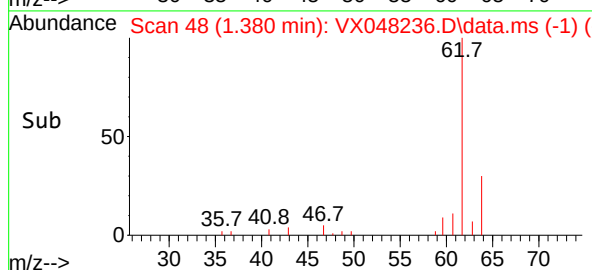
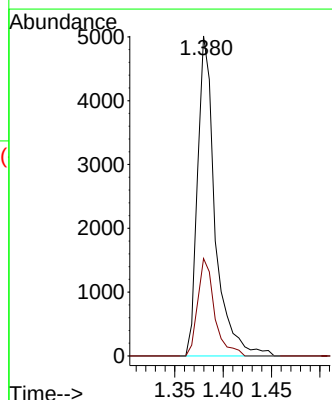
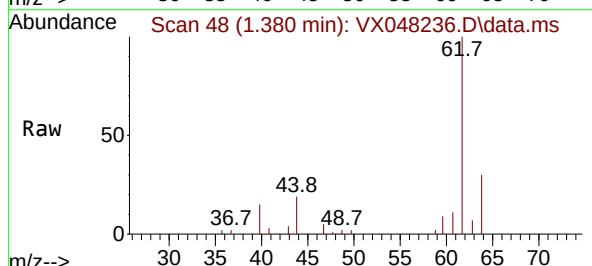
Manual Integrations
APPROVED

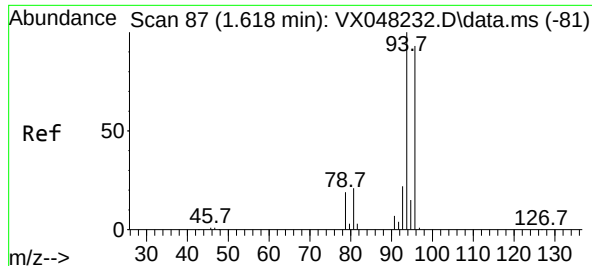
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#4
Vinyl Chloride
Concen: 5.341 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 62 Resp: 6338
Ion Ratio Lower Upper
62 100
64 30.5 25.1 37.7





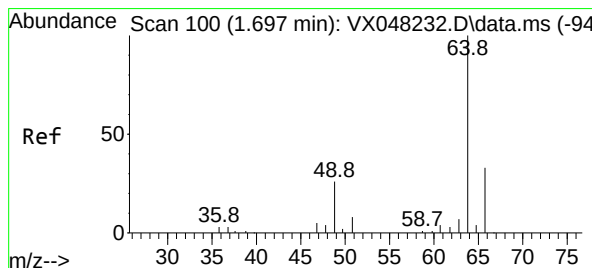
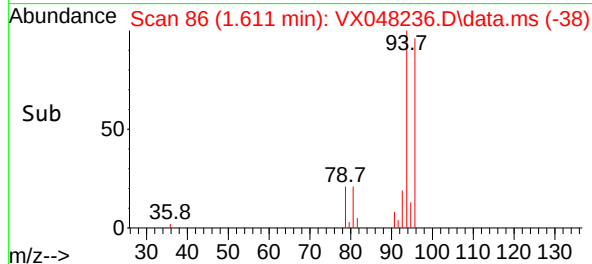
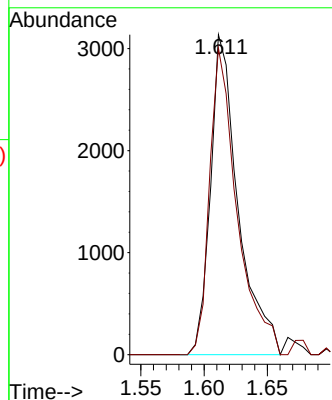
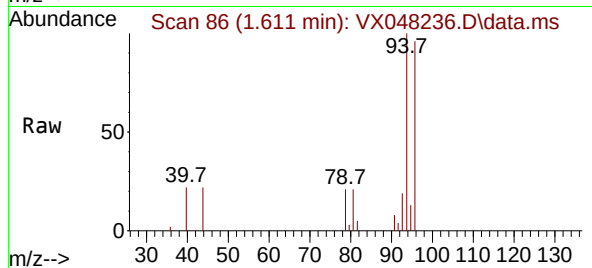
#5
Bromomethane
Concen: 5.918 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 94 Resp: 4789
Ion Ratio Lower Upper
94 100
96 95.8 76.0 114.0

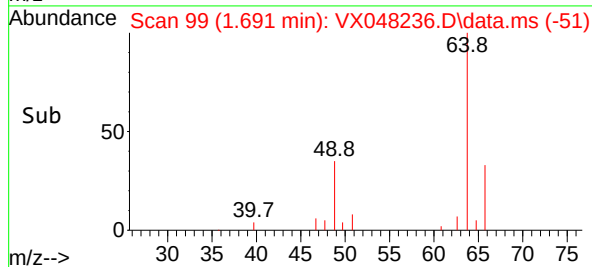
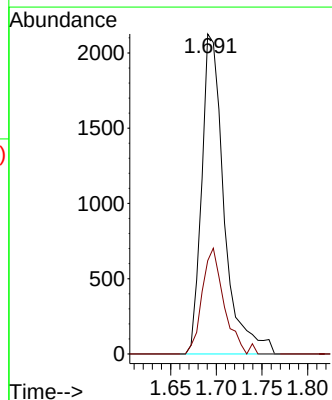
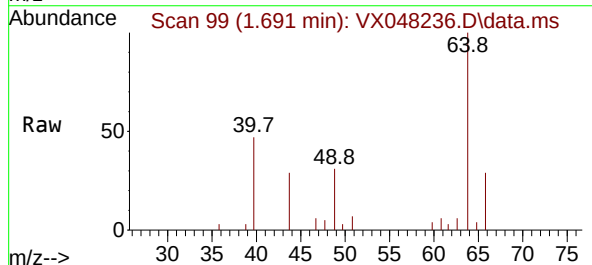
Manual Integrations
APPROVED

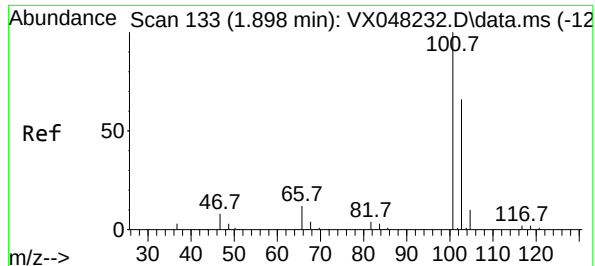
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#6
Chloroethane
Concen: 5.085 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

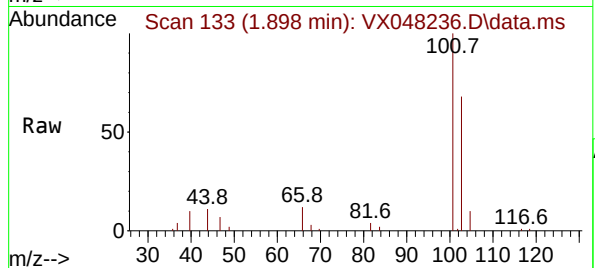
Tgt Ion: 64 Resp: 3610
Ion Ratio Lower Upper
64 100
66 29.2 23.9 35.9





#7
Trichlorofluoromethane
Concen: 5.319 ug/l
RT: 1.898 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

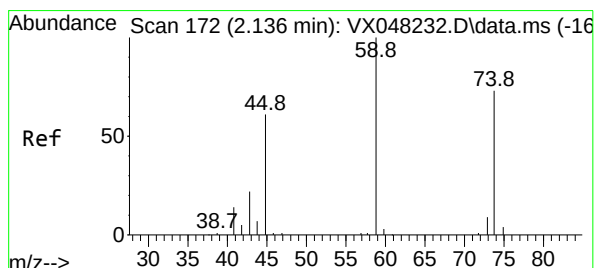
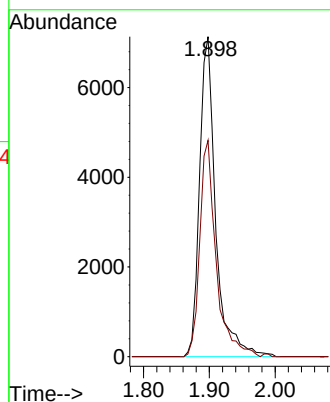
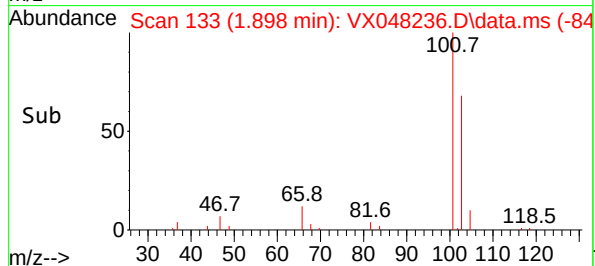
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:101 Resp: 12170
Ion Ratio Lower Upper
101 100
103 67.6 51.6 77.4

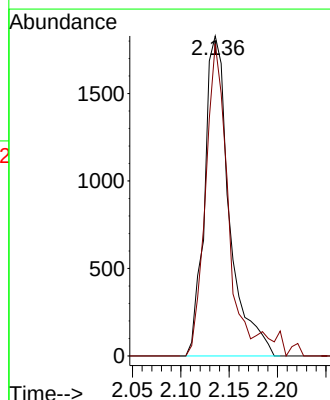
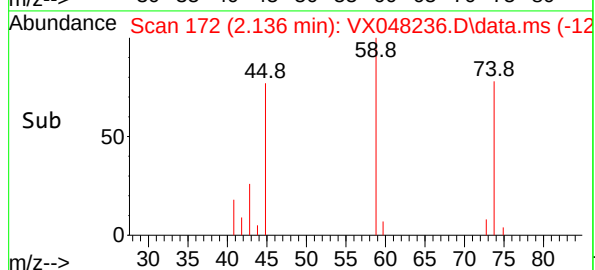
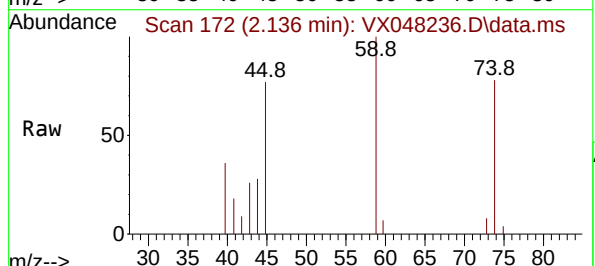
Manual Integrations
APPROVED

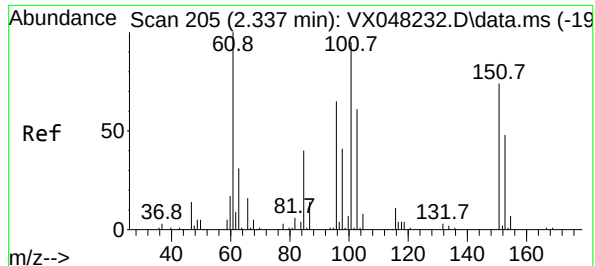
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#8
Diethyl Ether
Concen: 5.035 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 74 Resp: 3283
Ion Ratio Lower Upper
74 100
45 86.7 50.0 149.8





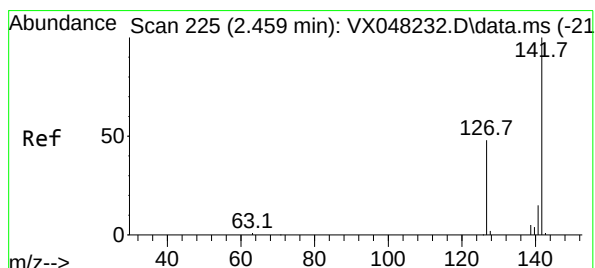
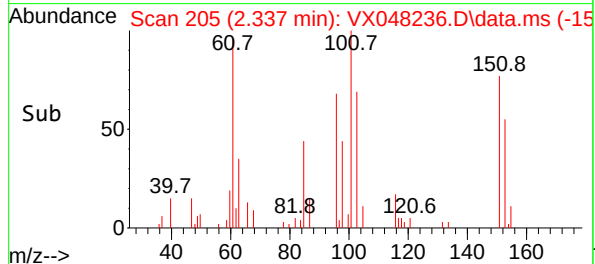
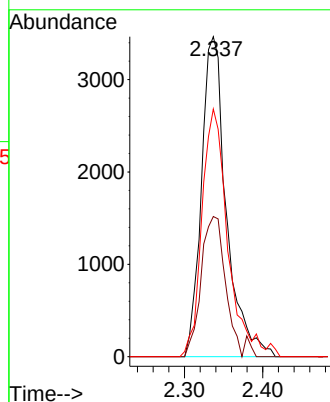
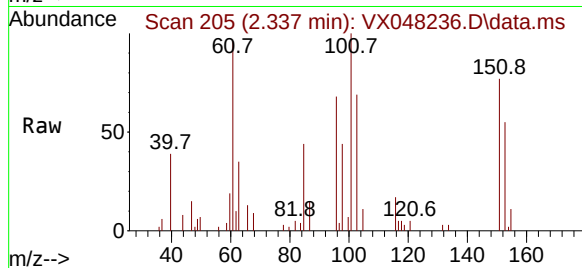
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.264 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 7650
Ion Ratio Lower Upper
101 100
85 42.4 35.6 53.4
151 81.0 58.0 87.0

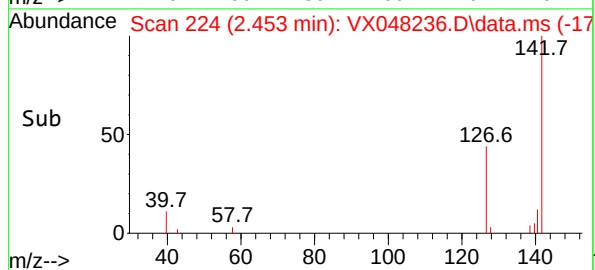
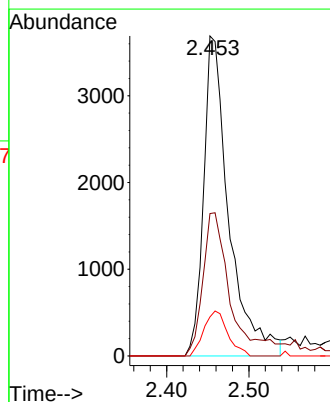
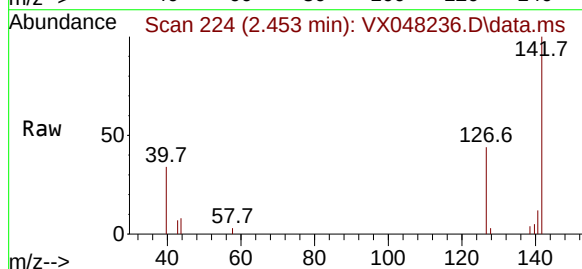
Manual Integrations
APPROVED

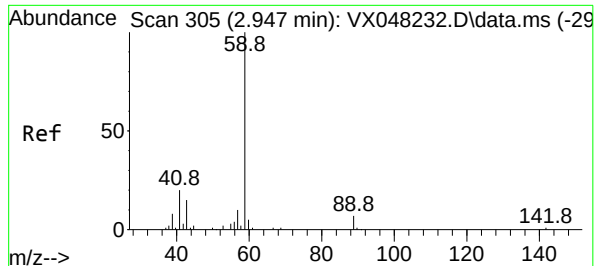
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#10
Methyl Iodide
Concen: 4.284 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:142 Resp: 7871
Ion Ratio Lower Upper
142 100
127 48.9 38.5 57.7
141 13.3 11.6 17.4





#11

Tert butyl alcohol

Concen: 33.503 ug/l

RT: 2.940 min Scan# 305

Delta R.T. -0.000 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 59 Resp: 5994

Ion Ratio Lower Upper

59 100

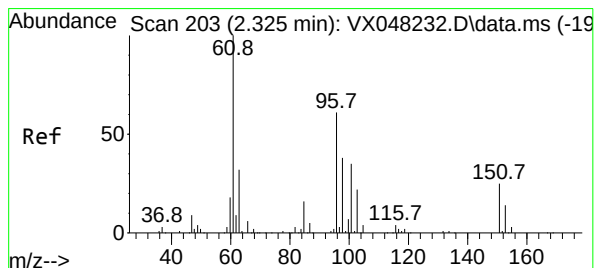
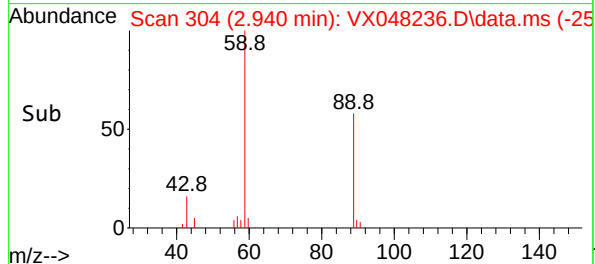
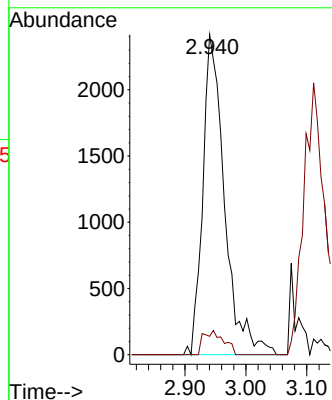
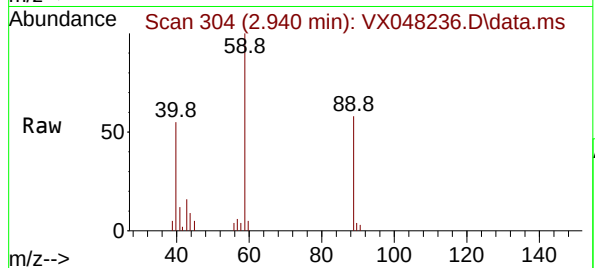
57 2.8 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#12

1,1-Dichloroethene

Concen: 4.991 ug/l

RT: 2.325 min Scan# 203

Delta R.T. -0.000 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

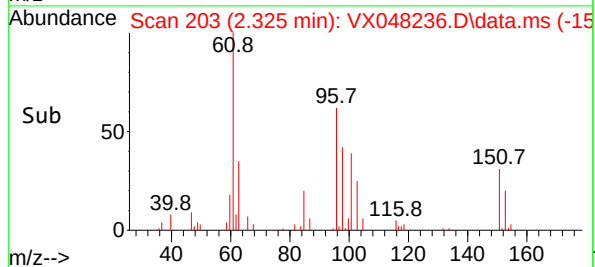
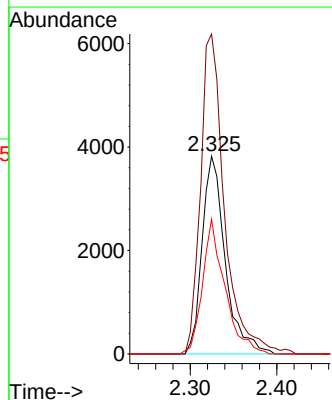
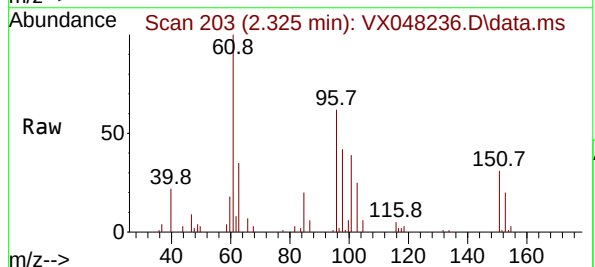
Tgt Ion: 96 Resp: 7107

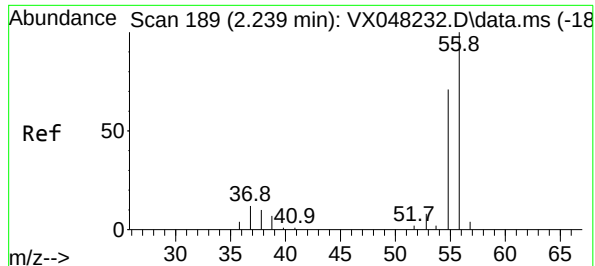
Ion Ratio Lower Upper

96 100

61 156.9 139.0 208.6

98 66.1 52.4 78.6





#13

Acrolein

Concen: 27.637 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.000 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 56 Resp: 5450

Ion Ratio Lower Upper

56 100

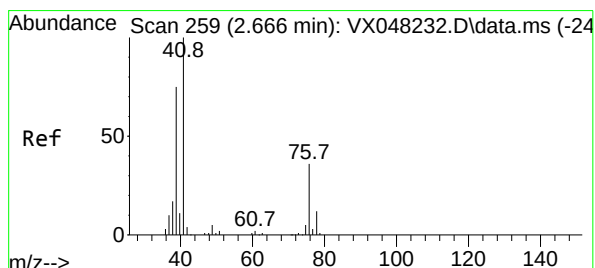
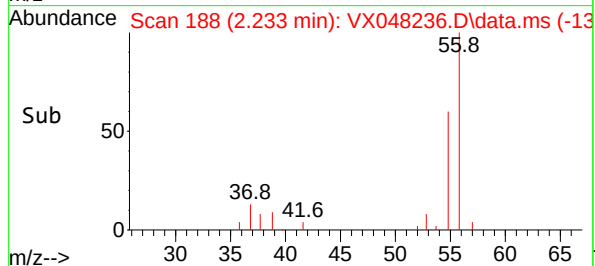
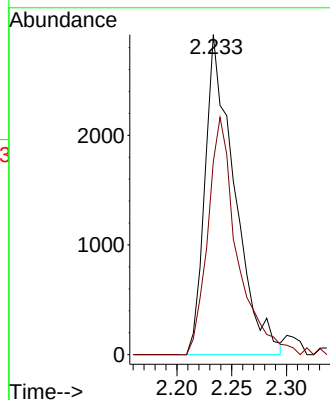
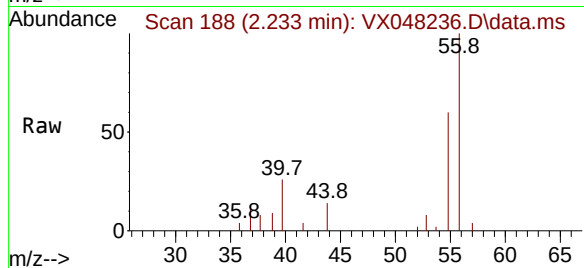
55 73.7 56.1 84.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#14

Allyl chloride

Concen: 4.839 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.000 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

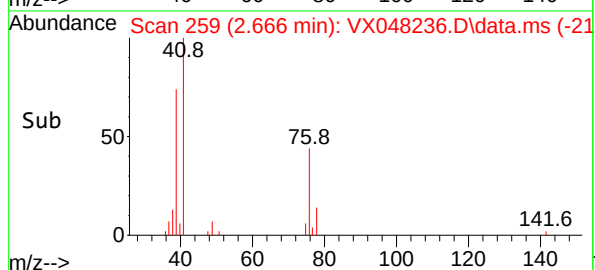
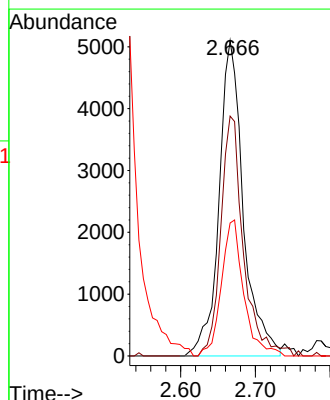
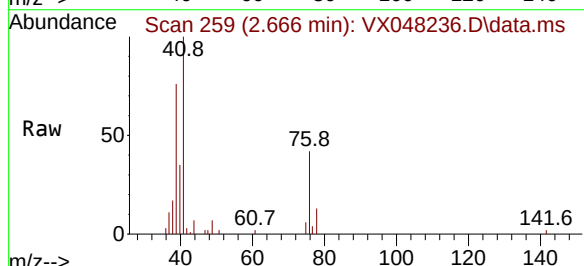
Tgt Ion: 41 Resp: 11531

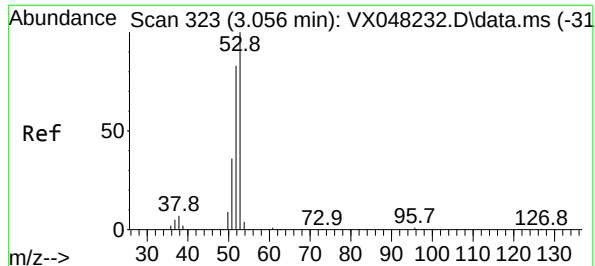
Ion Ratio Lower Upper

41 100

39 71.2 56.0 84.0

76 39.7 27.5 41.3





#15

Acrylonitrile

Concen: 24.912 ug/l

RT: 3.062 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 53 Resp: 1698

Ion Ratio Lower Upper

53 100

52 80.1 66.1 99.1

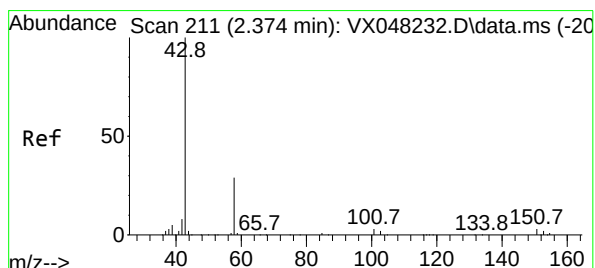
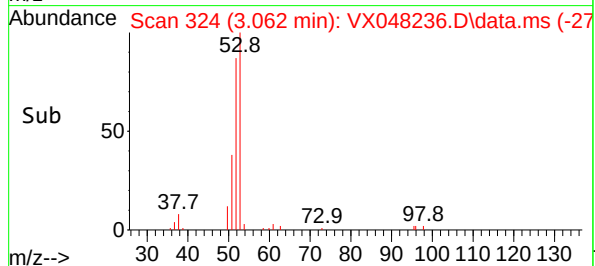
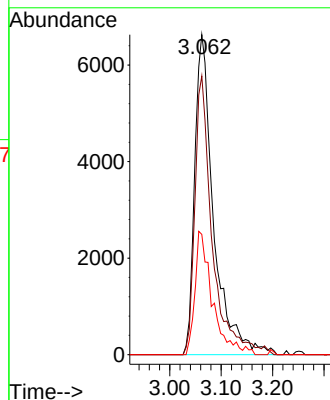
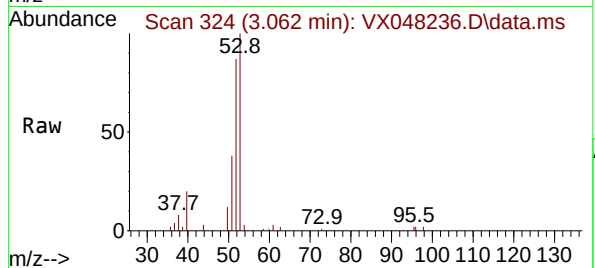
51 34.9 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#16

Acetone

Concen: 27.636 ug/l

RT: 2.373 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX048236.D

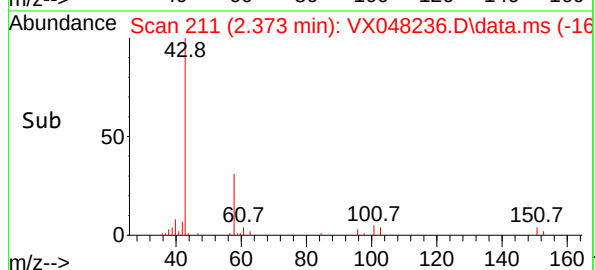
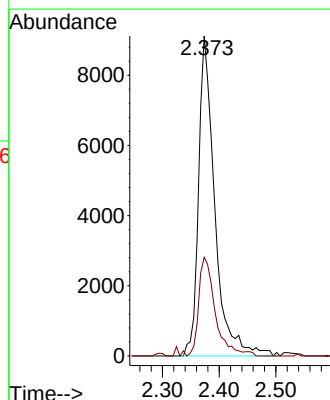
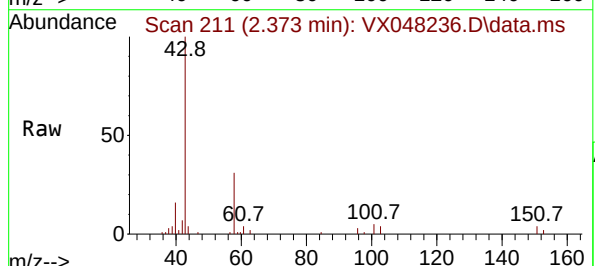
Acq: 20 Oct 2025 13:49

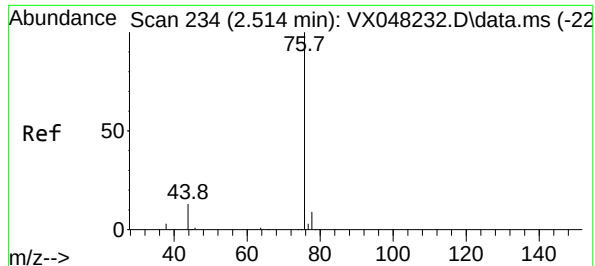
Tgt Ion: 43 Resp: 18141

Ion Ratio Lower Upper

43 100

58 29.5 23.4 35.2





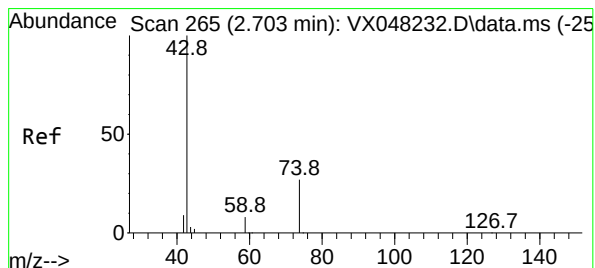
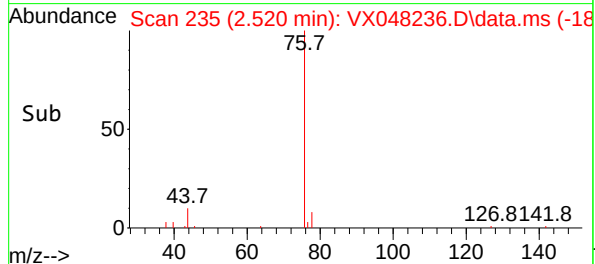
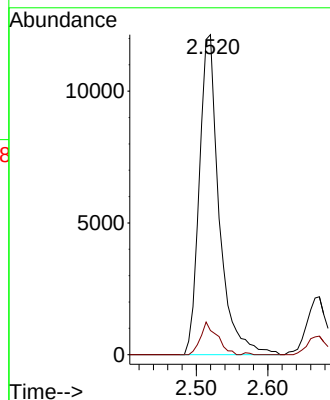
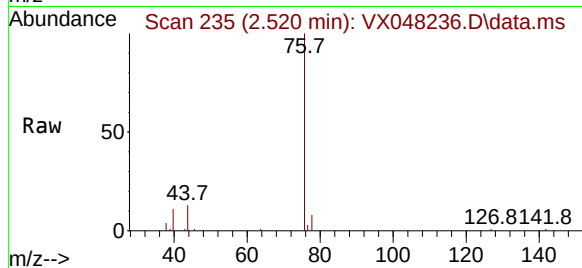
#17
Carbon Disulfide
Concen: 5.270 ug/l
RT: 2.520 min Scan# 2336
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 2336
Ion Ratio Lower Upper
76 100
78 7.3 7.1 10.7

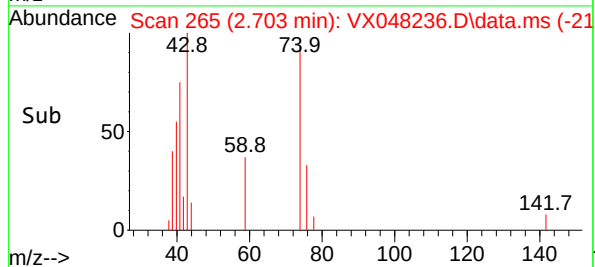
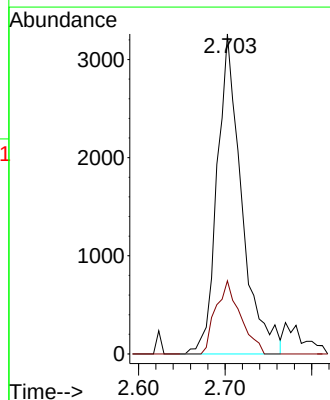
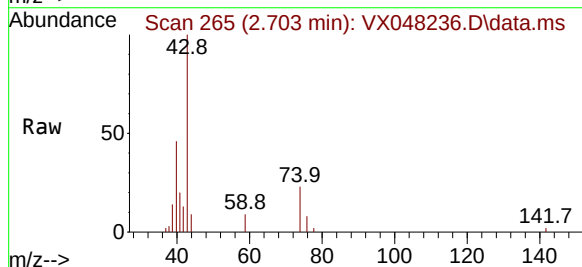
Manual Integrations
APPROVED

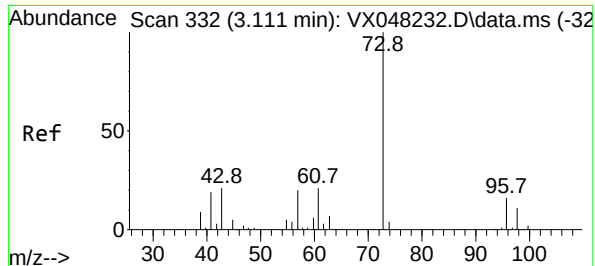
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#18
Methyl Acetate
Concen: 4.639 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 43 Resp: 6418
Ion Ratio Lower Upper
43 100
74 23.0 17.5 26.3





#19

Methyl tert-butyl Ether

Concen: 4.663 ug/l

RT: 3.111 min Scan# 332

Delta R.T. -0.000 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 73 Resp: 2293

Ion Ratio Lower Upper

73 100

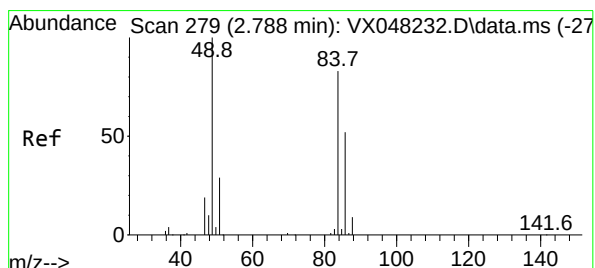
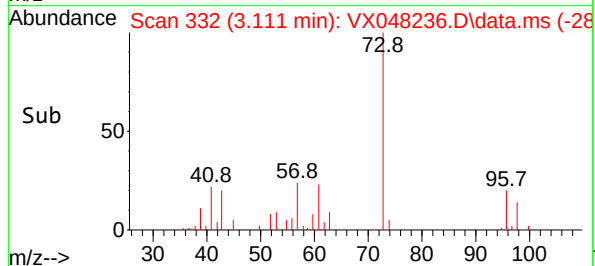
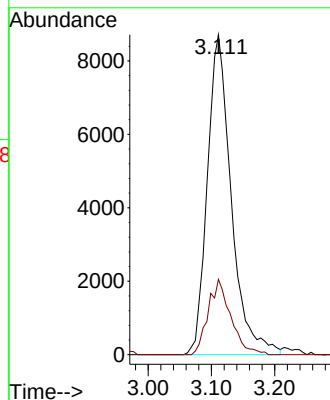
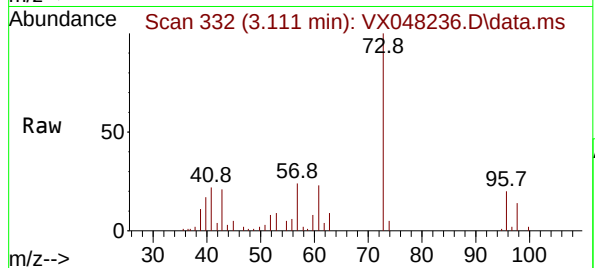
57 23.6 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#20

Methylene Chloride

Concen: 5.163 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

Tgt Ion: 84 Resp: 8228

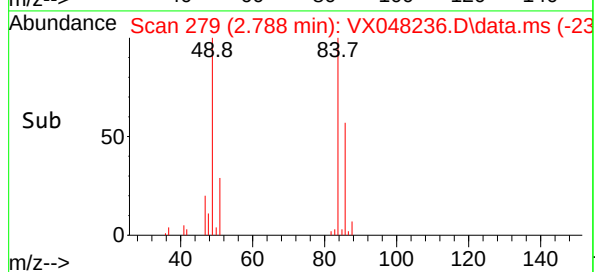
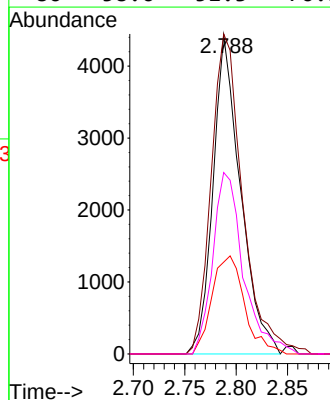
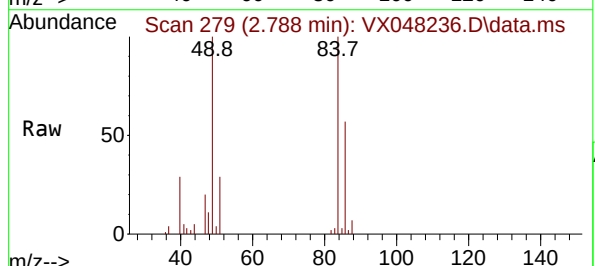
Ion Ratio Lower Upper

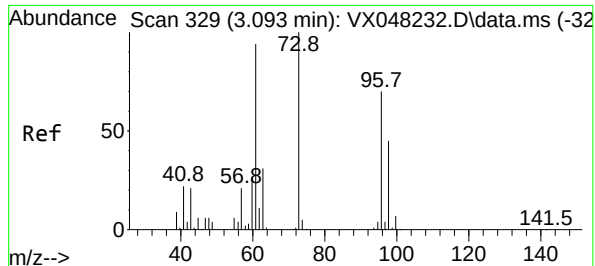
84 100

49 100.4 104.1 156.1#

51 28.8 31.3 46.9#

86 58.6 51.3 76.9





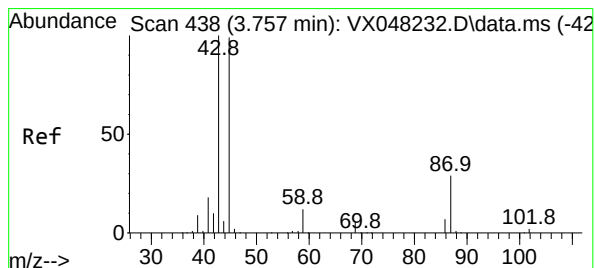
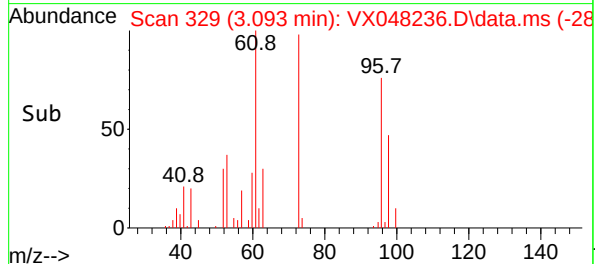
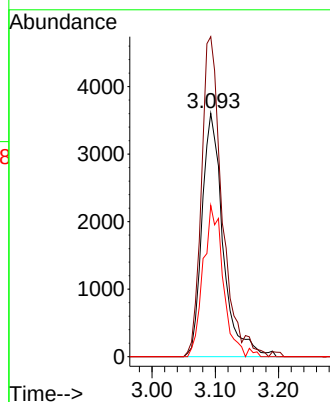
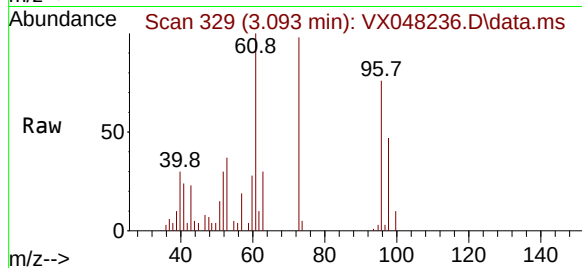
#21
trans-1,2-Dichloroethene
Concen: 5.393 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 834
Ion Ratio Lower Upper
96 100
61 131.5 111.9 167.9
98 62.1 51.2 76.8

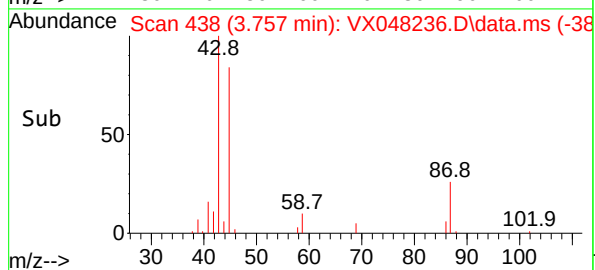
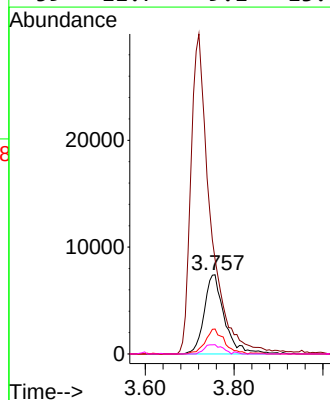
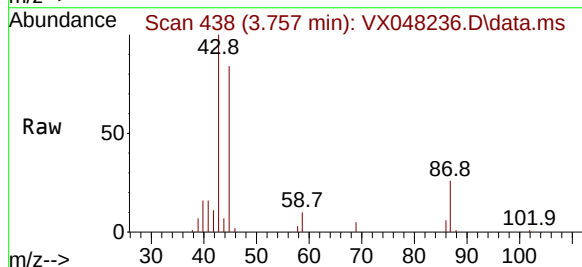
Manual Integrations
APPROVED

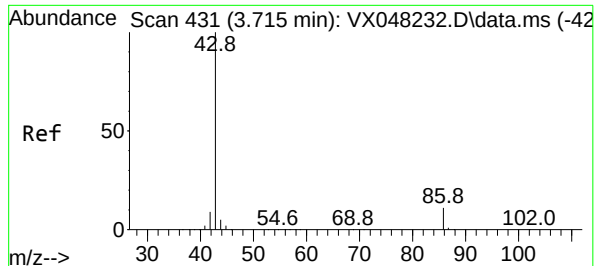
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#22
Diisopropyl ether
Concen: 4.984 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 45 Resp: 23533
Ion Ratio Lower Upper
45 100
43 113.3 89.8 134.8
87 31.5 20.6 31.0#
59 11.7 9.1 13.7





#23

Vinyl Acetate

Concen: 24.336 ug/l

RT: 3.721 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 9177

Ion Ratio Lower Upper

43 100

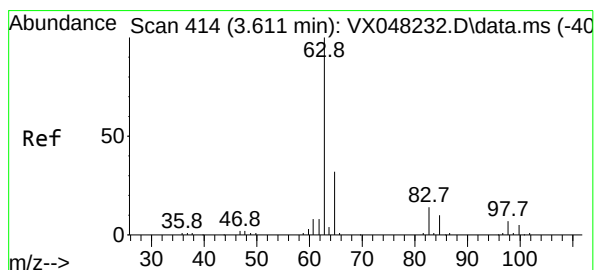
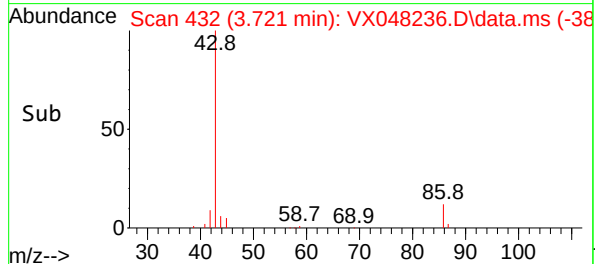
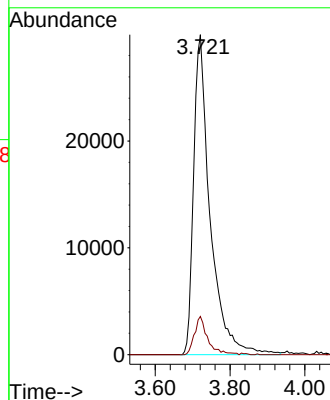
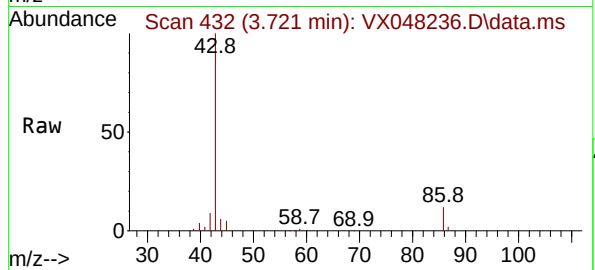
86 13.5 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#24

1,1-Dichloroethane

Concen: 5.126 ug/l

RT: 3.605 min Scan# 413

Delta R.T. -0.000 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

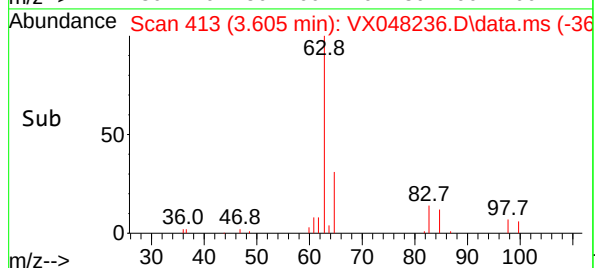
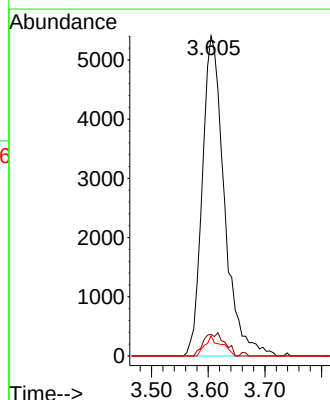
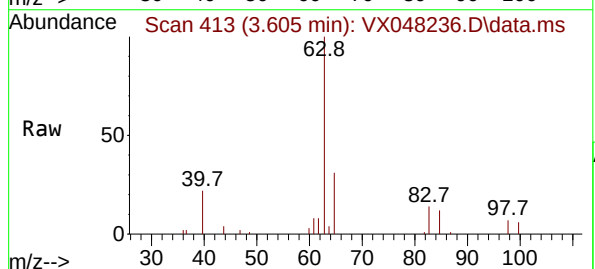
Tgt Ion: 63 Resp: 14582

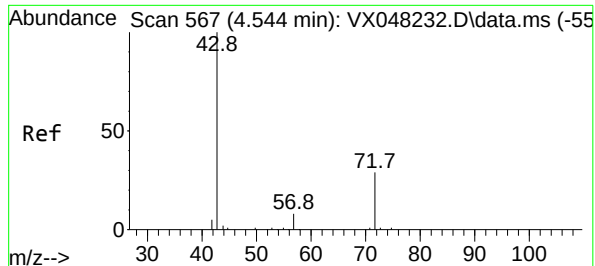
Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.6

100 6.3 2.1 6.3





#25

2-Butanone

Concen: 26.293 ug/l

RT: 4.550 min Scan# 50

Delta R.T. 0.012 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 2180

Ion Ratio Lower Upper

43 100

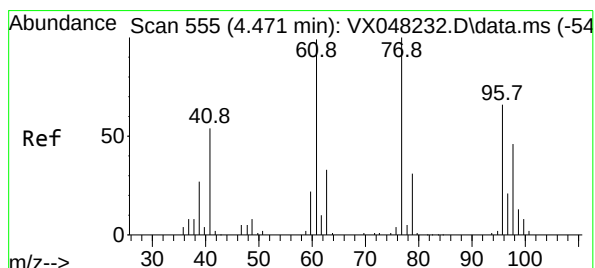
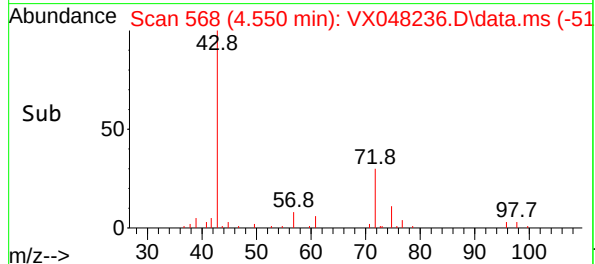
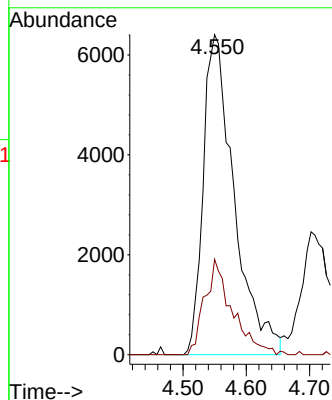
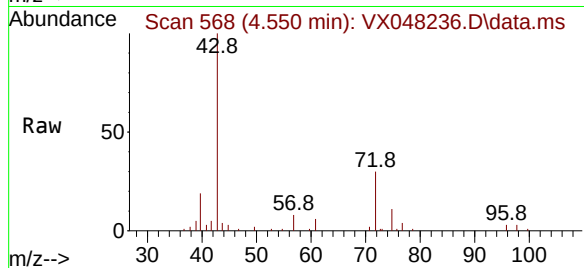
72 30.6 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#26

2,2-Dichloropropane

Concen: 5.066 ug/l

RT: 4.471 min Scan# 555

Delta R.T. 0.006 min

Lab File: VX048236.D

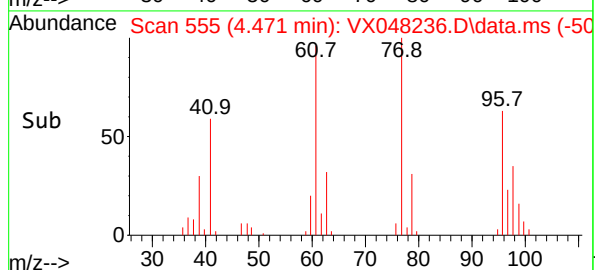
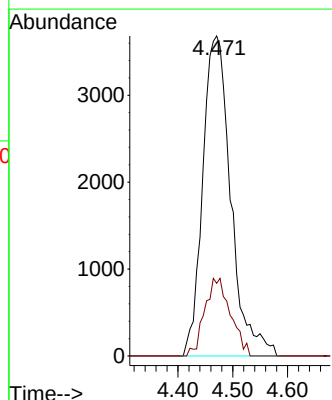
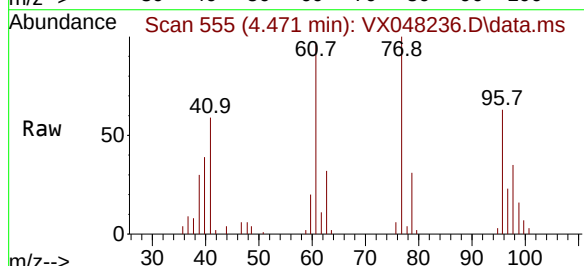
Acq: 20 Oct 2025 13:49

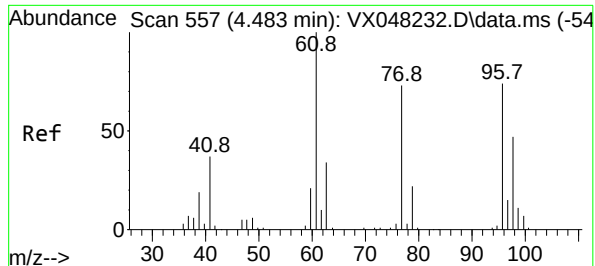
Tgt Ion: 77 Resp: 13077

Ion Ratio Lower Upper

77 100

97 22.5 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 5.084 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 96 Resp: 931

Ion Ratio Lower Upper

96 100

61 142.5 0.0 294.2

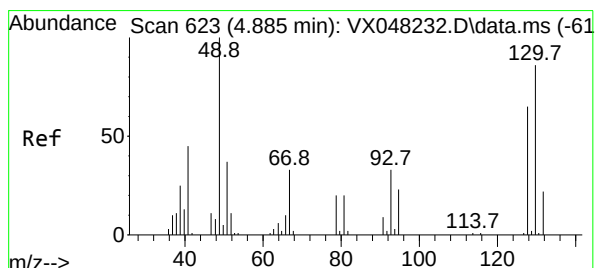
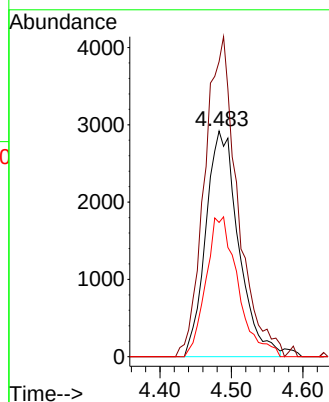
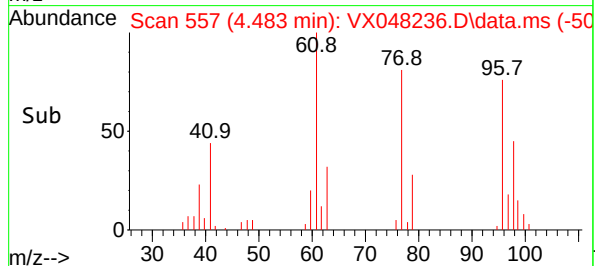
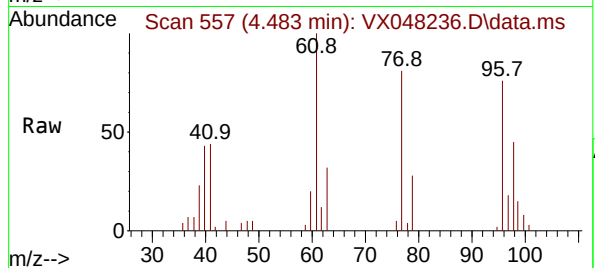
98 60.5 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#28

Bromochloromethane

Concen: 5.474 ug/l

RT: 4.885 min Scan# 623

Delta R.T. -0.000 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

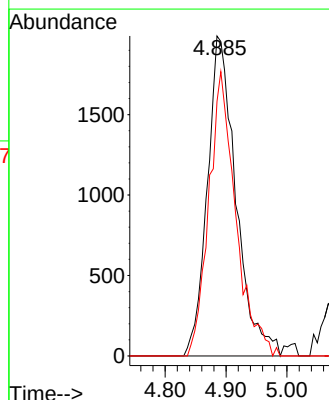
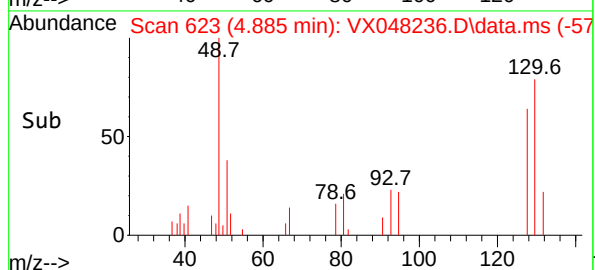
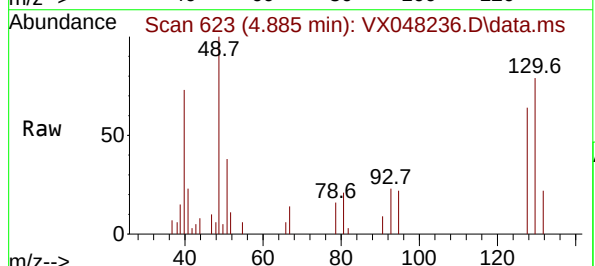
Tgt Ion: 49 Resp: 6488

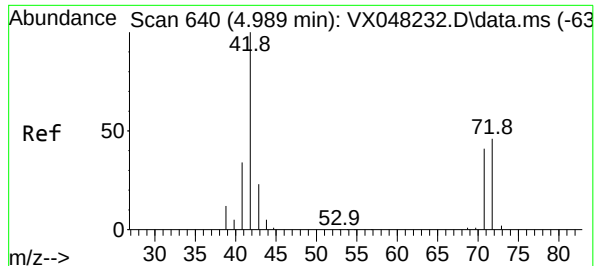
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.4

130 83.5 59.3 88.9





#29

Tetrahydrofuran

Concen: 25.353 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

Instrument :

MSVOA_X

ClientSampleId :

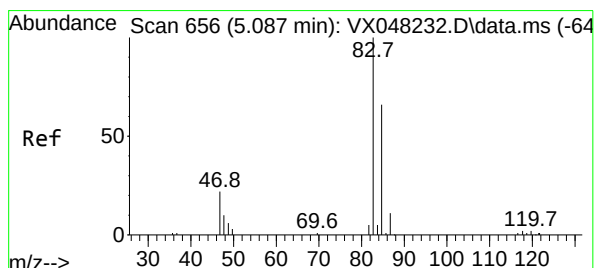
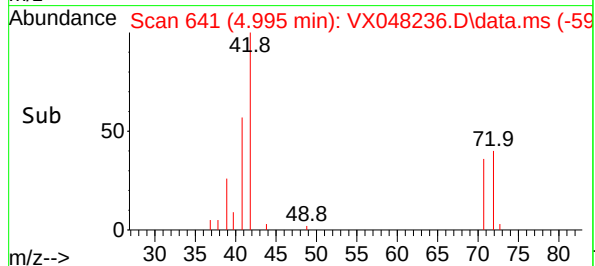
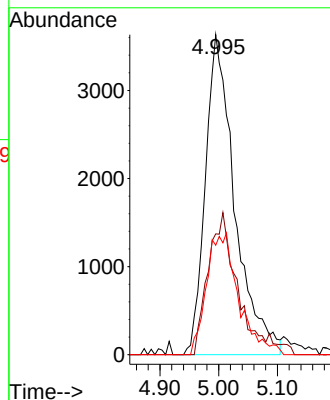
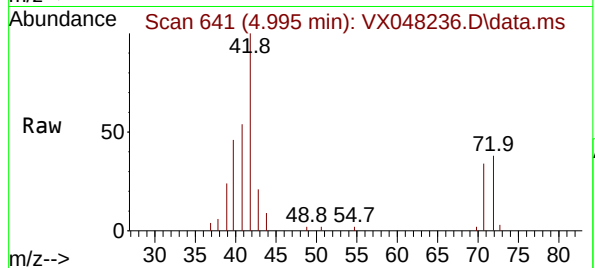
VSTDIC005

Tgt Ion:	42	Resp:	1263
Ion	Ratio	Lower	Upper
42	100		
72	45.5	35.3	52.9
71	41.3	32.2	48.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#30

Chloroform

Concen: 5.159 ug/l

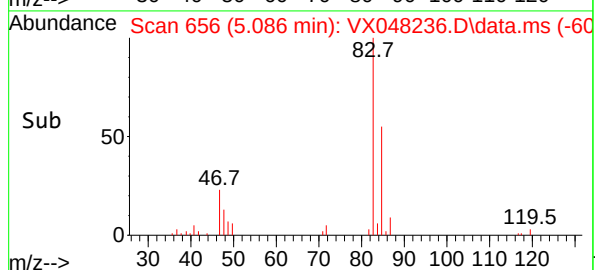
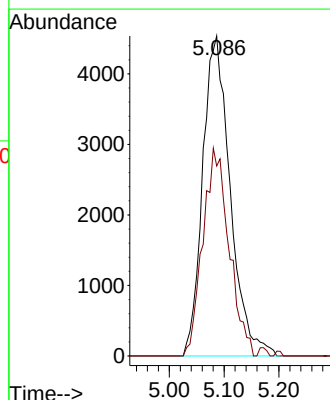
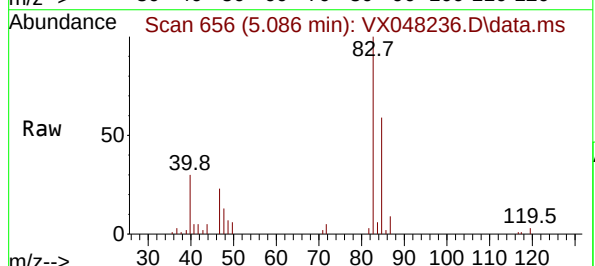
RT: 5.086 min Scan# 656

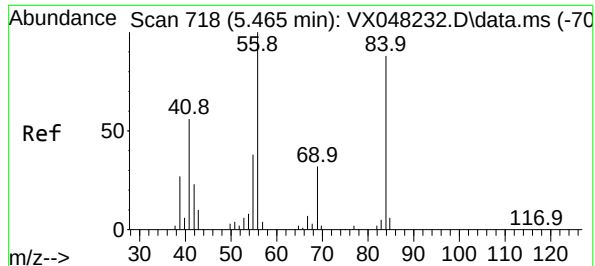
Delta R.T. 0.006 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

Tgt Ion:	83	Resp:	15814
Ion	Ratio	Lower	Upper
83	100		
85	59.4	50.1	75.1





#31

Cyclohexane

Concen: 4.943 ug/l

RT: 5.458 min Scan# 718

Delta R.T. -0.000 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 56 Resp: 1166

Ion Ratio Lower Upper

56 100

69 29.4 23.0 34.6

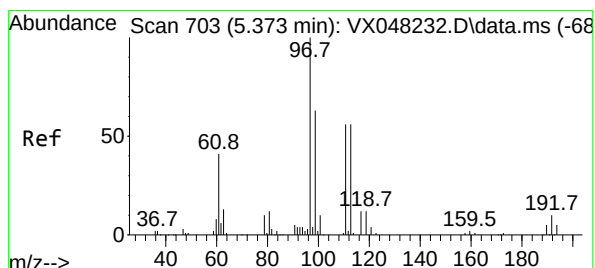
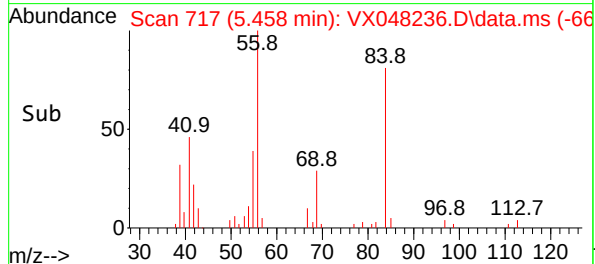
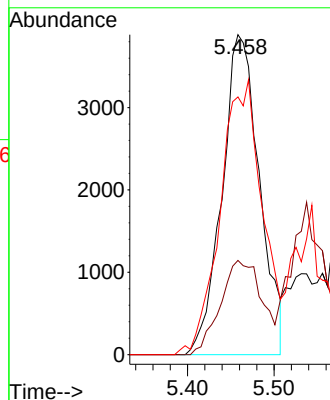
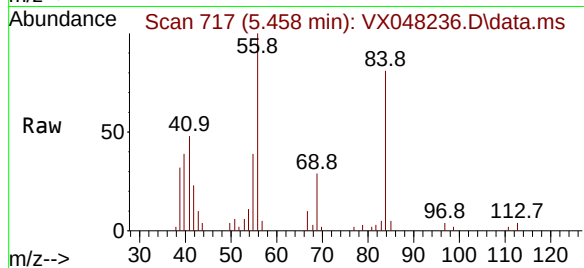
84 79.1 64.6 97.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#32

1,1,1-Trichloroethane

Concen: 5.115 ug/l

RT: 5.367 min Scan# 702

Delta R.T. -0.006 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

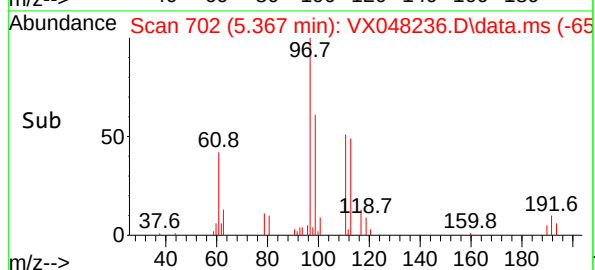
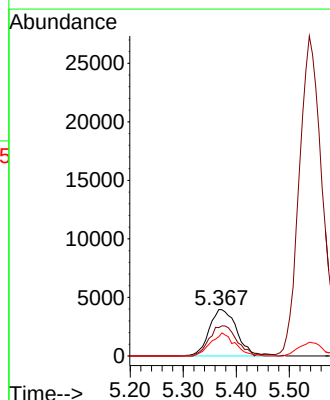
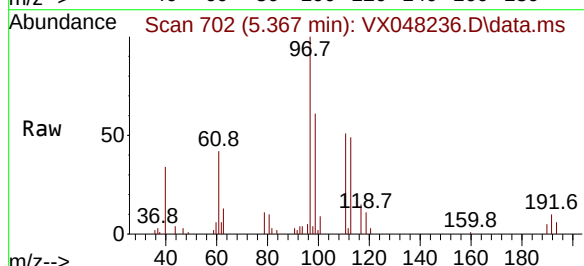
Tgt Ion: 97 Resp: 14399

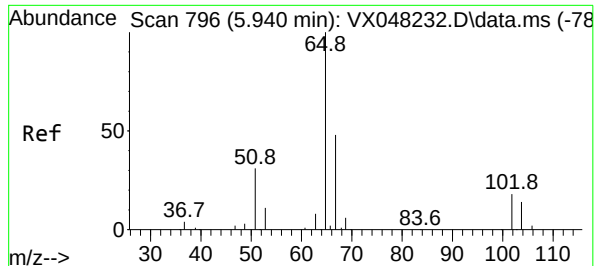
Ion Ratio Lower Upper

97 100

99 63.0 51.7 77.5

61 42.8 34.8 52.2





#33

1,2-Dichloroethane-d4

Concen: 4.008 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 10030

Ion Ratio Lower Upper

65 100

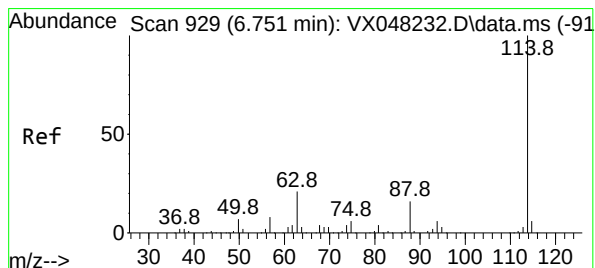
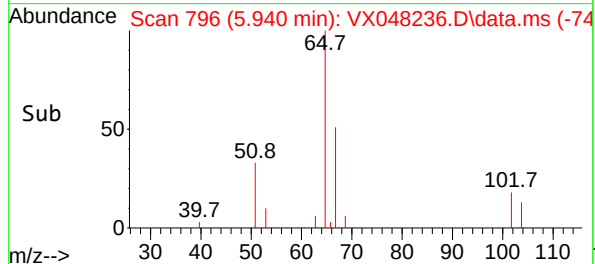
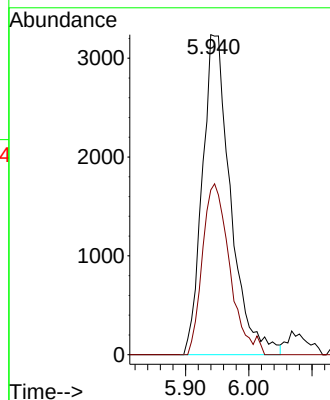
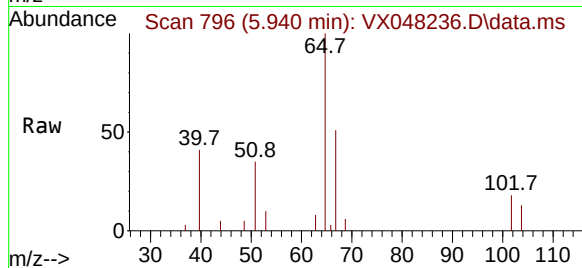
67 51.7 0.0 105.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

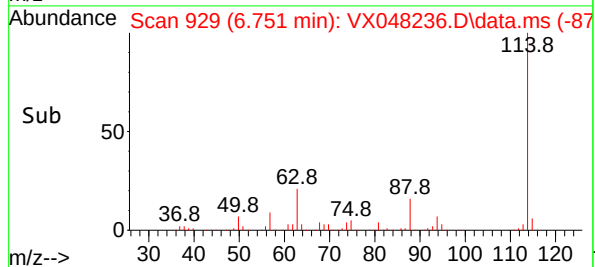
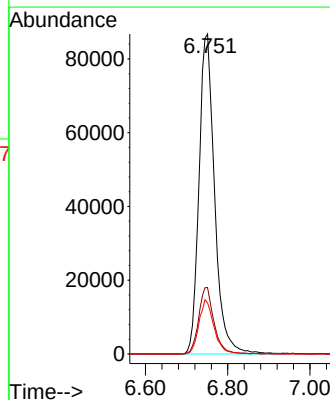
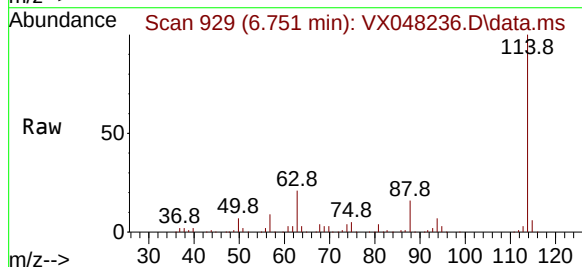
Tgt Ion:114 Resp: 228619

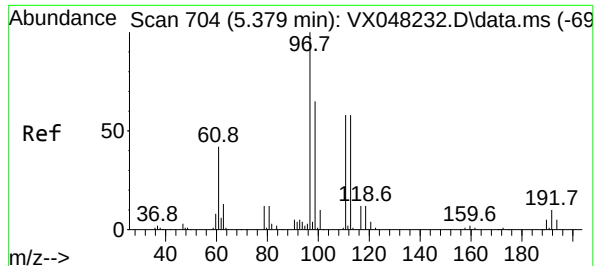
Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.2

88 15.9 0.0 33.6





#35

Dibromofluoromethane

Concen: 3.839 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:113 Resp: 773

Ion Ratio Lower Upper

113 100

111 104.9 82.2 123.4

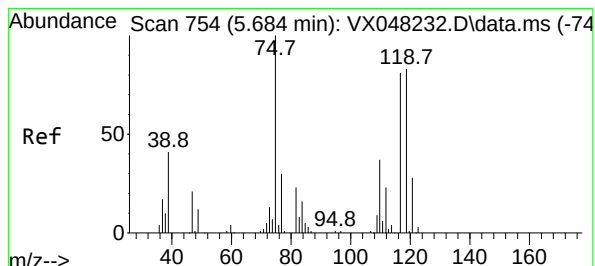
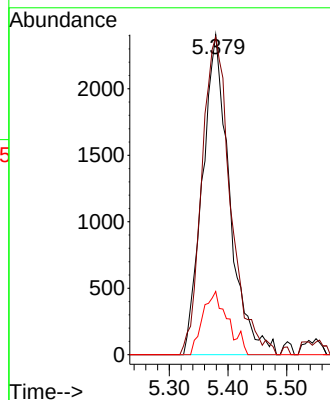
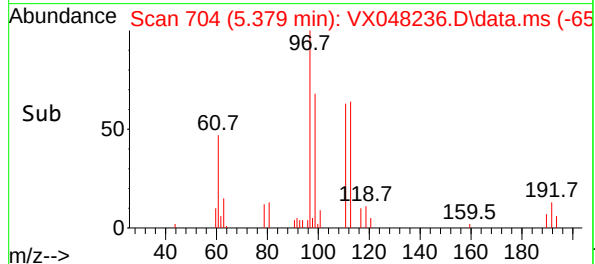
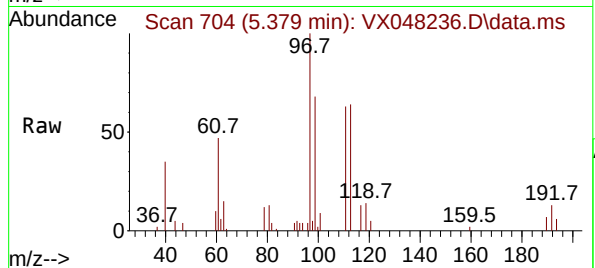
192 18.3 15.1 22.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#36

1,1-Dichloropropene

Concen: 5.001 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.000 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

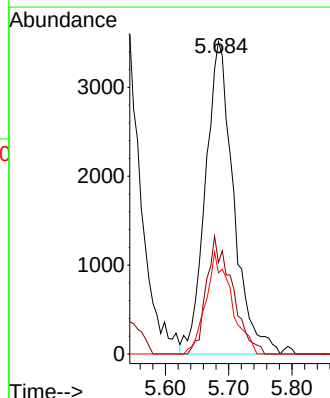
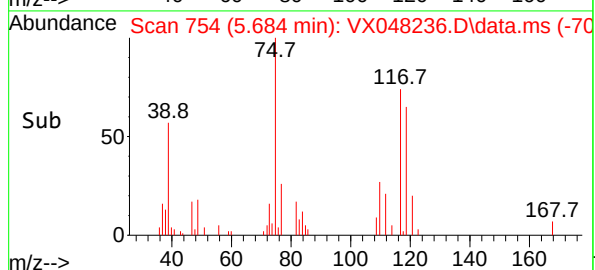
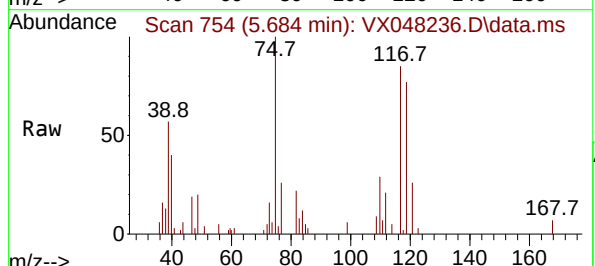
Tgt Ion: 75 Resp: 10855

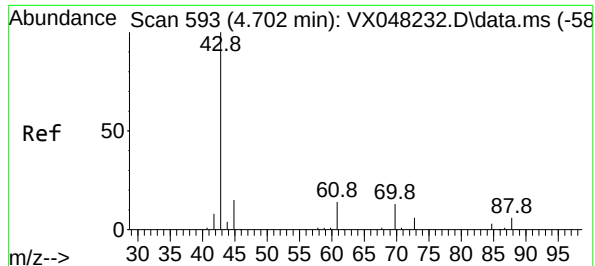
Ion Ratio Lower Upper

75 100

110 34.8 17.7 53.1

77 29.5 24.3 36.5





#37

Ethyl Acetate

Concen: 4.970 ug/l m

RT: 4.702 min Scan# 593

Delta R.T. 0.006 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

Instrument :

MSVOA_X

ClientSampleId :

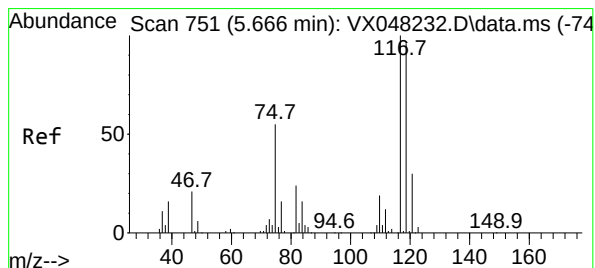
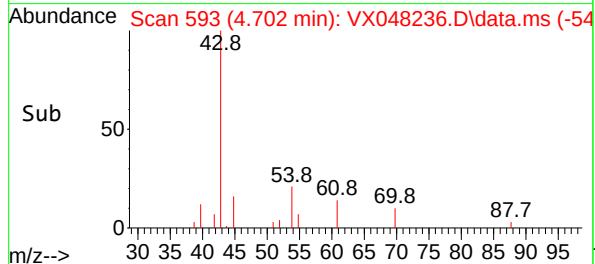
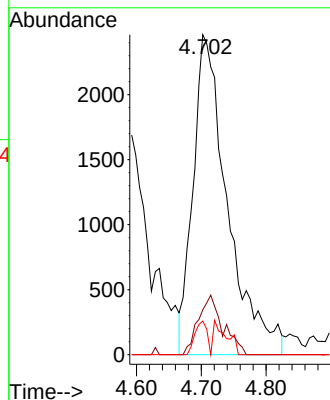
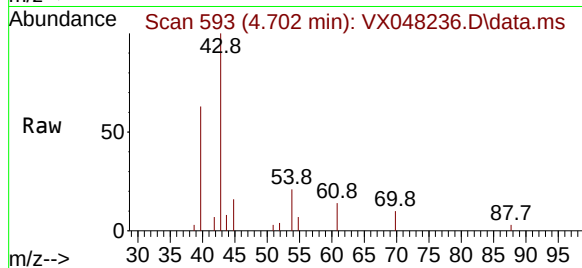
VSTDIC005

Tgt Ion:	43	Resp:	905
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.6	15.8
70	3.7	7.8	11.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#38

Carbon Tetrachloride

Concen: 5.323 ug/l

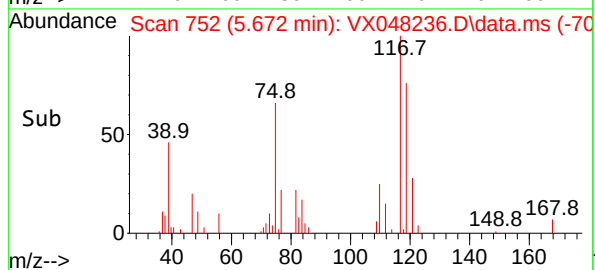
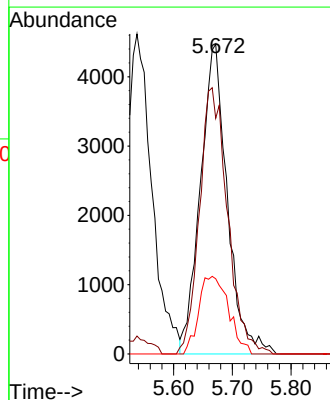
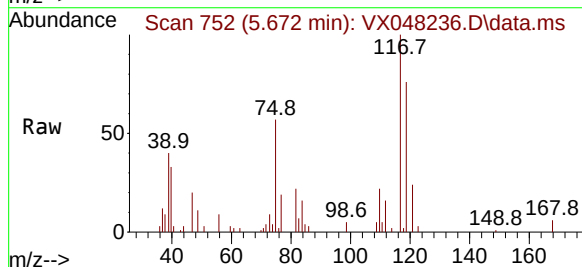
RT: 5.672 min Scan# 752

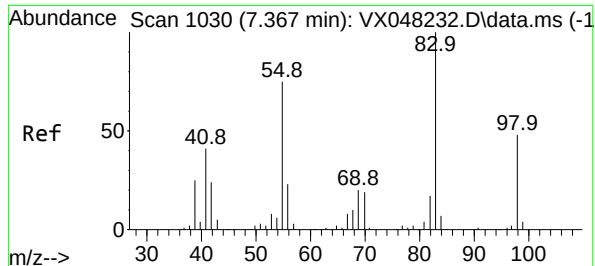
Delta R.T. 0.006 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

Tgt Ion:	117	Resp:	14225
Ion	Ratio	Lower	Upper
117	100		
119	76.0	77.2	115.8
121	24.3	24.8	37.2





#39

Methylcyclohexane

Concen: 5.318 ug/l

RT: 7.366 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

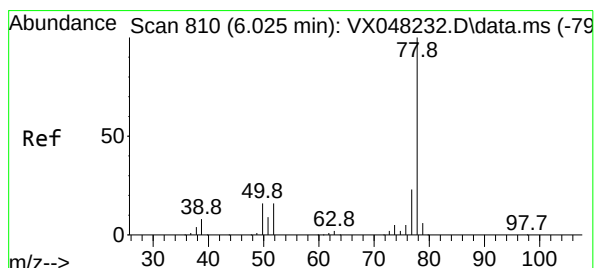
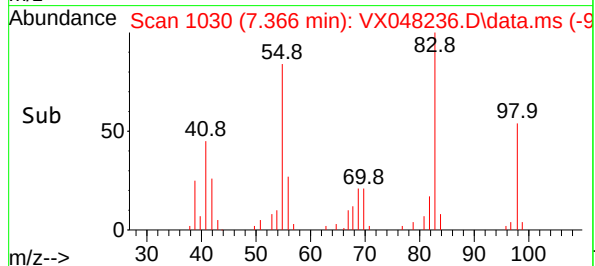
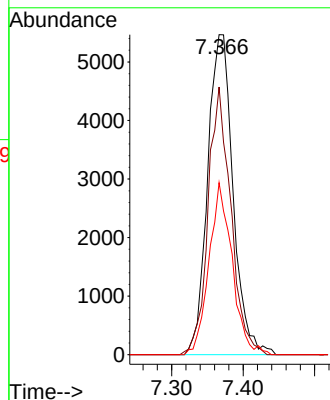
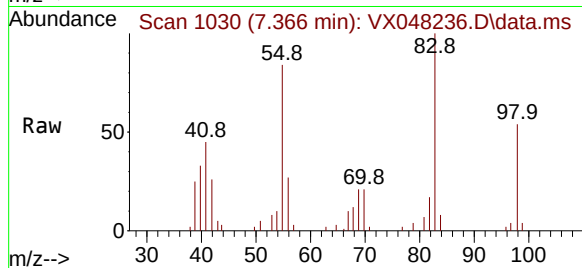
Tgt Ion:	83	Resp:	1349
Ion	Ratio	Lower	Upper
83	100		
55	83.6	66.2	99.2
98	53.8	38.9	58.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#40

Benzene

Concen: 5.103 ug/l

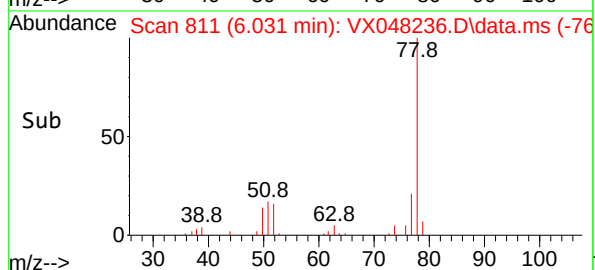
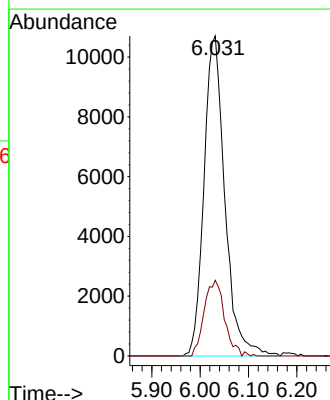
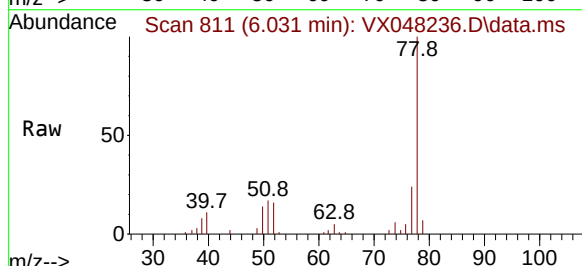
RT: 6.031 min Scan# 811

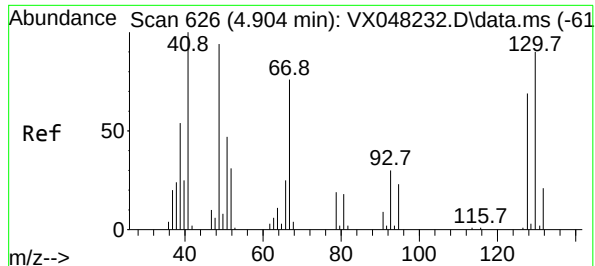
Delta R.T. 0.006 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

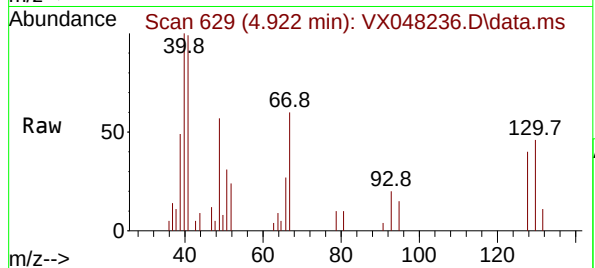
Tgt Ion:	78	Resp:	32115
Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.3	28.9





#41
Methacrylonitrile
Concen: 4.817 ug/l m
RT: 4.922 min Scan# 61
Delta R.T. 0.018 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

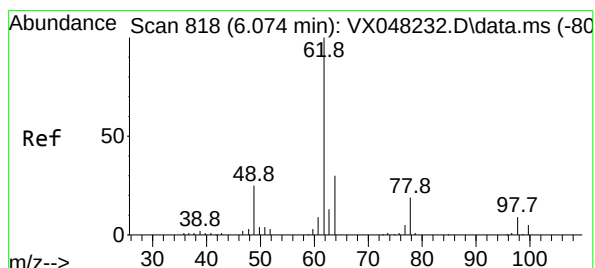
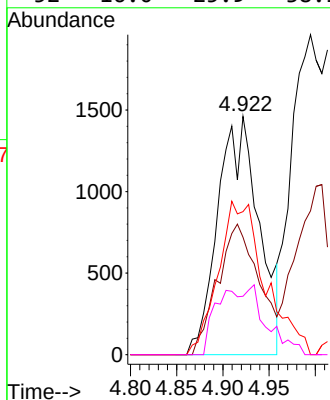
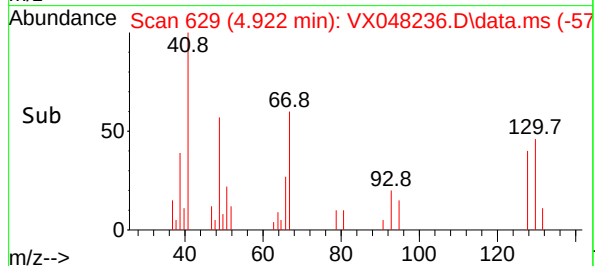
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 4538
Ion Ratio Lower Upper
41 100
39 55.3 44.0 66.0
67 72.8 58.7 88.1
52 16.0 25.9 38.9#

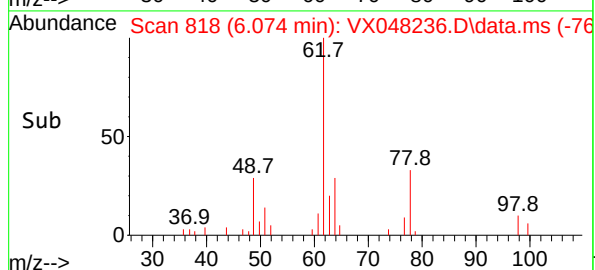
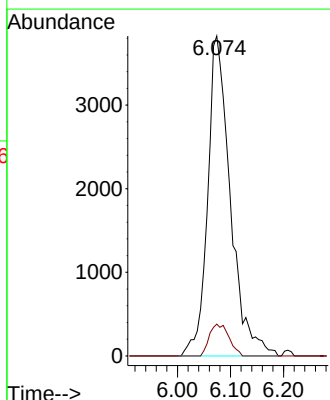
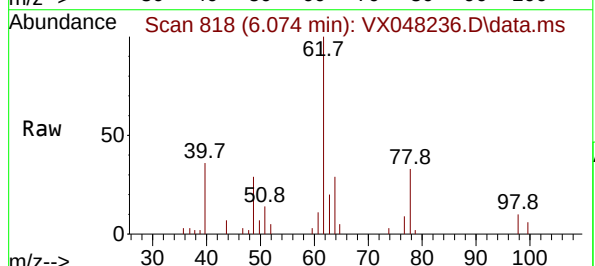
Manual Integrations
APPROVED

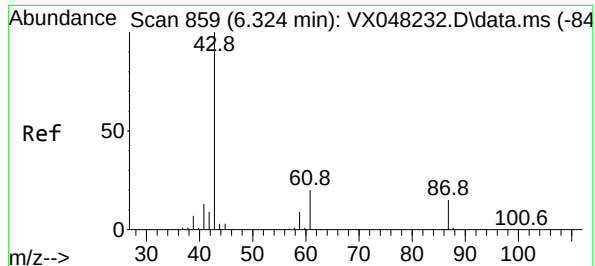
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#42
1,2-Dichloroethane
Concen: 4.870 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 62 Resp: 11412
Ion Ratio Lower Upper
62 100
98 8.6 0.0 17.2





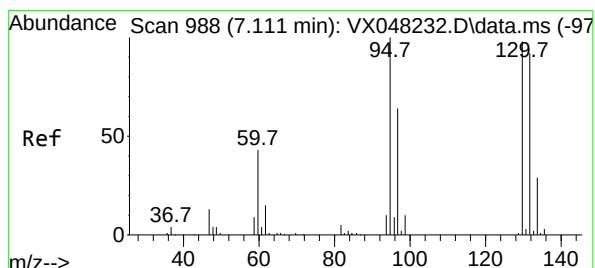
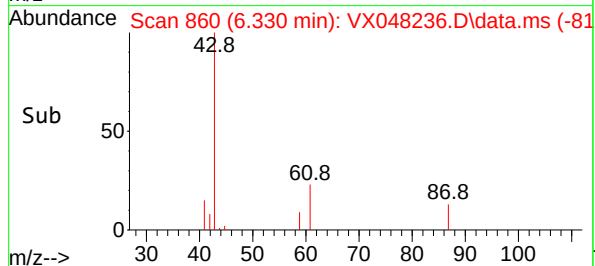
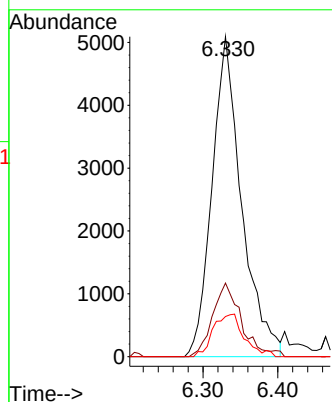
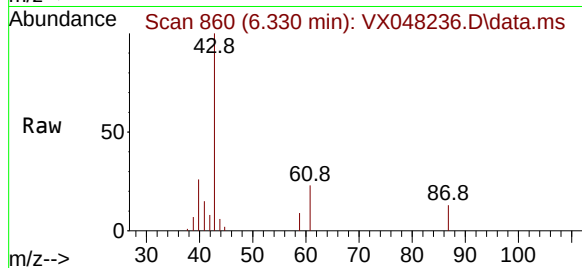
#43
Isopropyl Acetate
Concen: 4.656 ug/l
RT: 6.330 min Scan# 860
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 13990
Ion Ratio Lower Upper
43 100
61 22.5 14.9 22.3
87 14.0 9.4 14.2

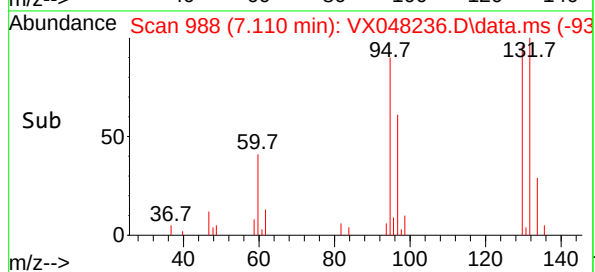
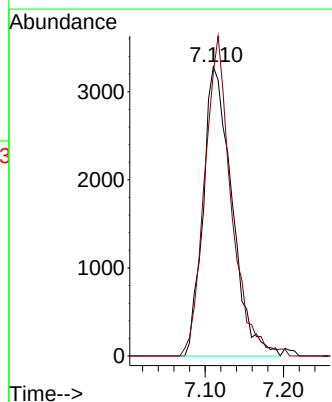
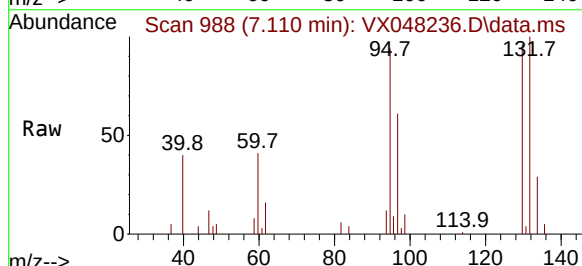
Manual Integrations
APPROVED

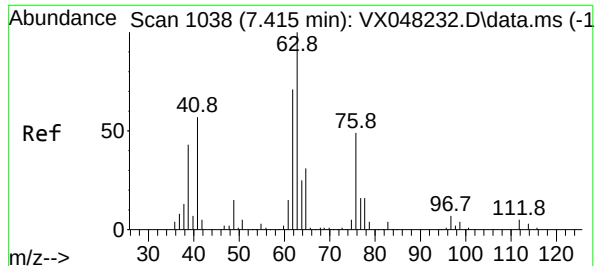
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#44
Trichloroethene
Concen: 5.009 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:130 Resp: 8373
Ion Ratio Lower Upper
130 100
95 107.6 0.0 200.6





#45

1,2-Dichloropropane

Concen: 5.129 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 7709

Ion Ratio Lower Upper

63 100

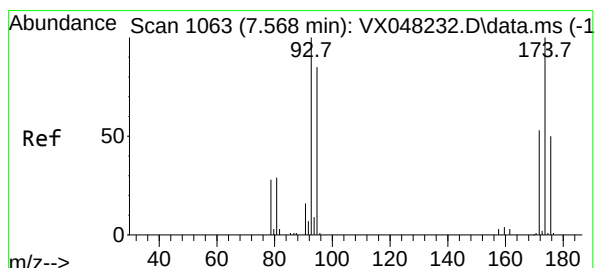
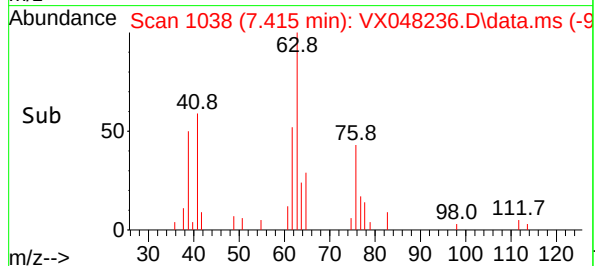
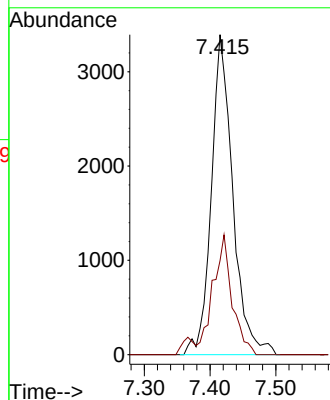
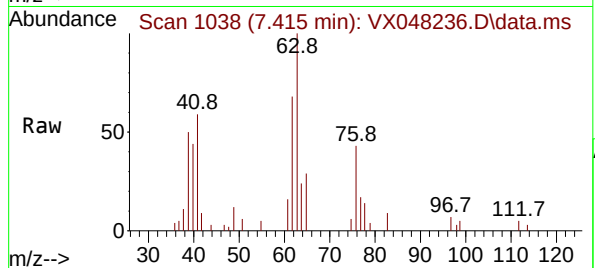
65 29.4 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#46

Dibromomethane

Concen: 5.181 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

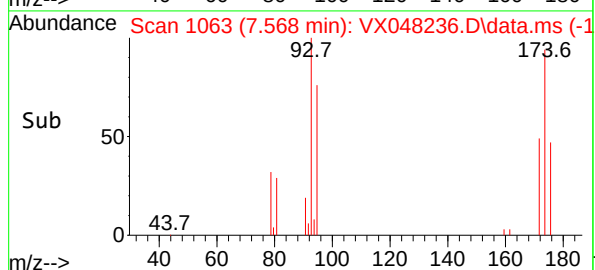
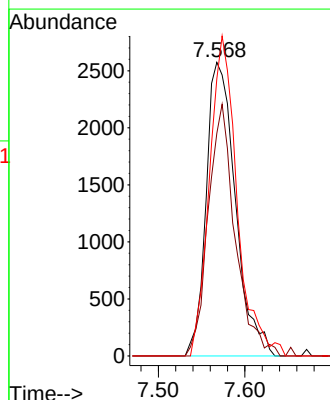
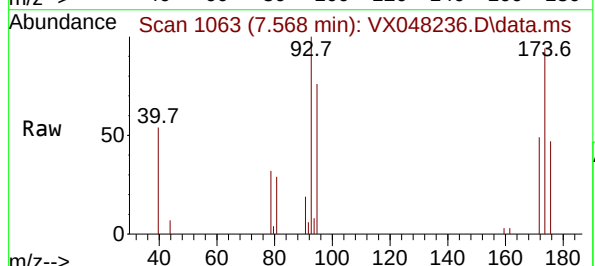
Tgt Ion: 93 Resp: 6041

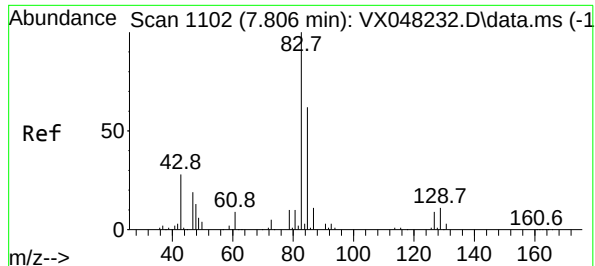
Ion Ratio Lower Upper

93 100

95 79.0 65.9 98.9

174 103.1 71.7 107.5





#47

Bromodichloromethane

Concen: 5.126 ug/l

RT: 7.811 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

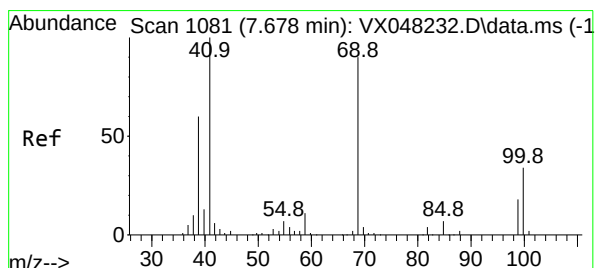
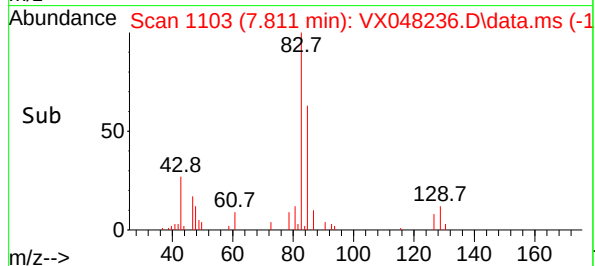
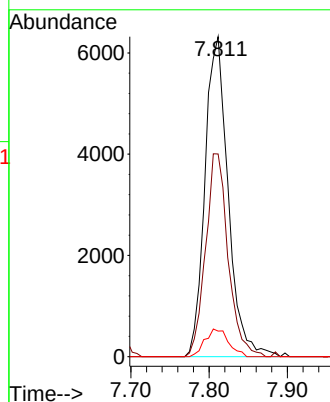
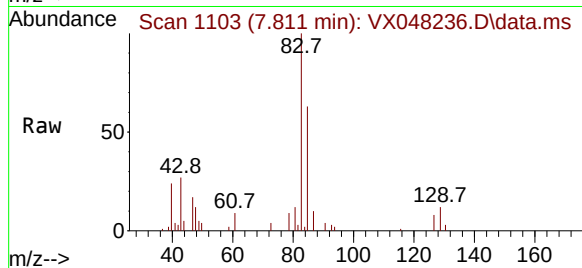
Tgt Ion:	83	Resp:	12974
Ion	Ratio	Lower	Upper
83	100		
85	63.4	52.2	78.4
127	8.0	7.3	10.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#48

Methyl methacrylate

Concen: 4.542 ug/l

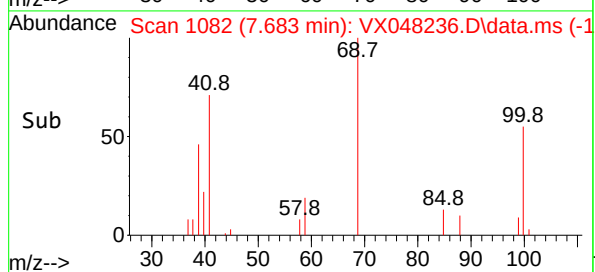
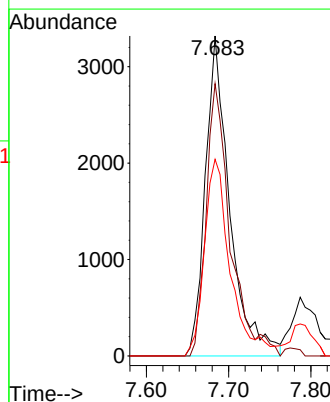
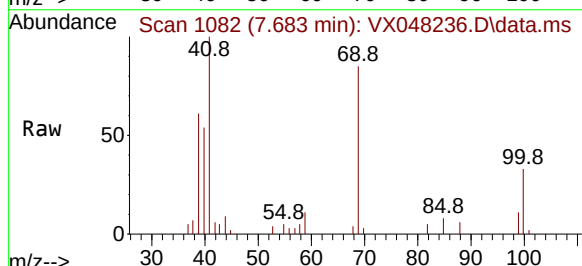
RT: 7.683 min Scan# 1082

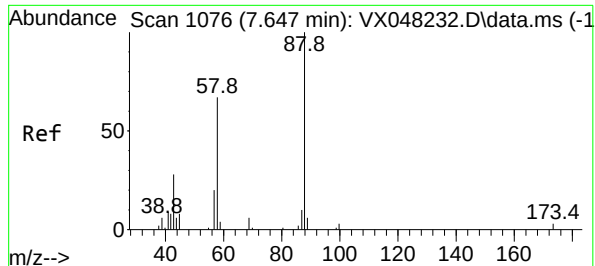
Delta R.T. 0.006 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

Tgt Ion:	41	Resp:	6863
Ion	Ratio	Lower	Upper
41	100		
69	83.7	63.4	95.0
39	64.8	47.1	70.7





#49

1,4-Dioxane

Concen: 103.402 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.018 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

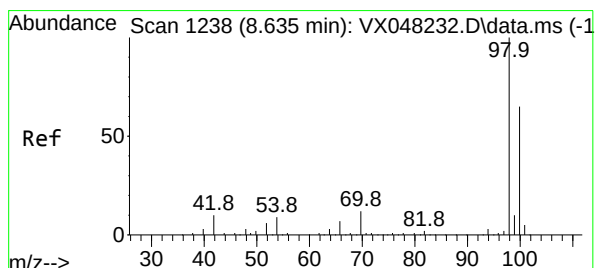
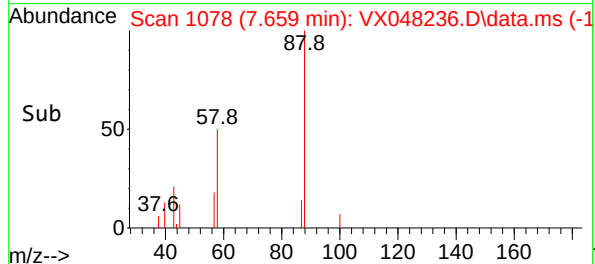
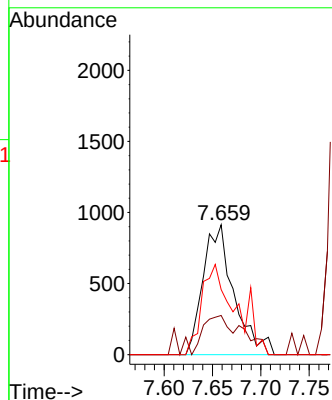
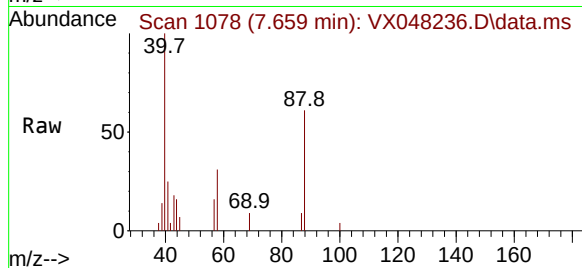
Tgt Ion:	88	Resp:	2020
Ion	Ratio	Lower	Upper
88	100		
43	38.4	35.0	52.4
58	76.8	61.9	92.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#50

Toluene-d8

Concen: 3.999 ug/l

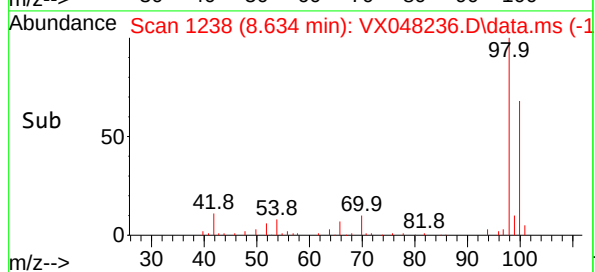
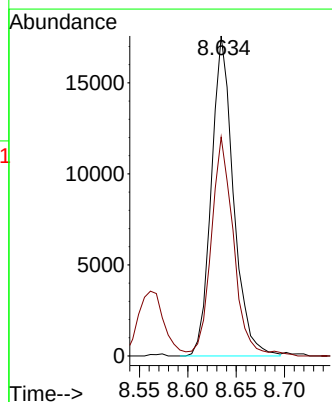
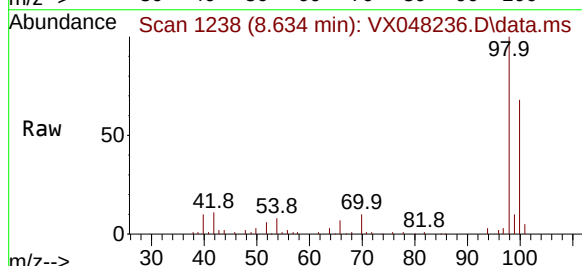
RT: 8.634 min Scan# 1238

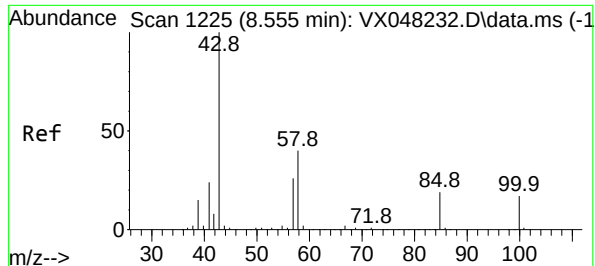
Delta R.T. -0.000 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

Tgt Ion:	98	Resp:	27914
Ion	Ratio	Lower	Upper
98	100		
100	69.2	53.0	79.4





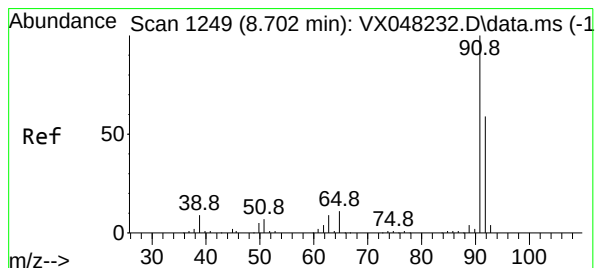
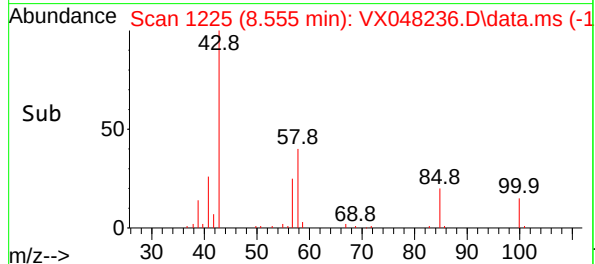
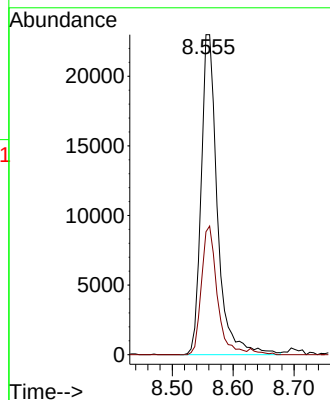
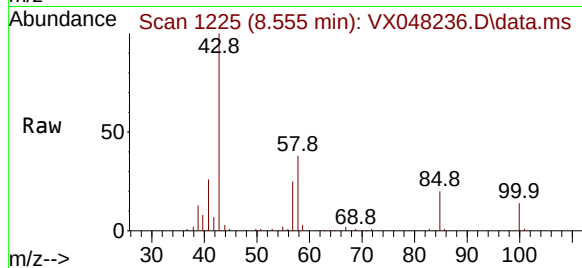
#51
4-Methyl-2-Pentanone
Concen: 24.936 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 42725
Ion Ratio Lower Upper
43 100
58 38.7 29.5 44.3

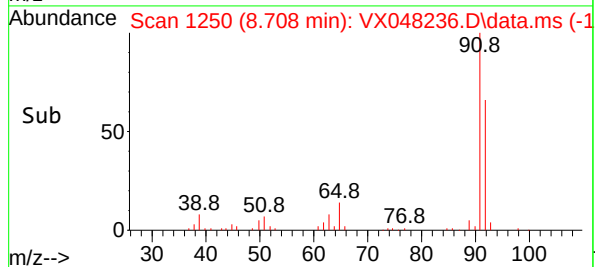
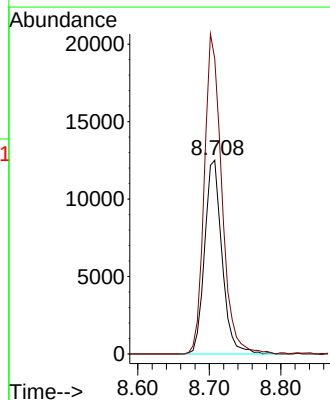
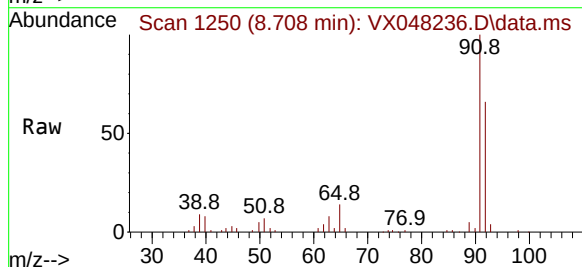
Manual Integrations
APPROVED

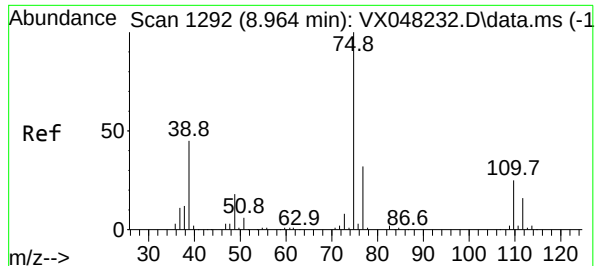
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#52
Toluene
Concen: 5.296 ug/l
RT: 8.708 min Scan# 1250
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 92 Resp: 21137
Ion Ratio Lower Upper
92 100
91 166.2 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 4.914 ug/l

RT: 8.964 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 1201

Ion Ratio Lower Upper

75 100

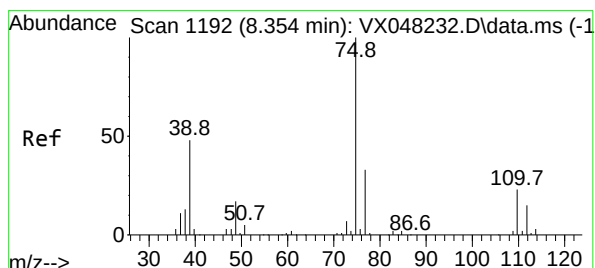
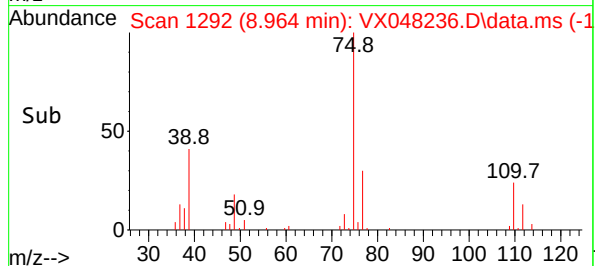
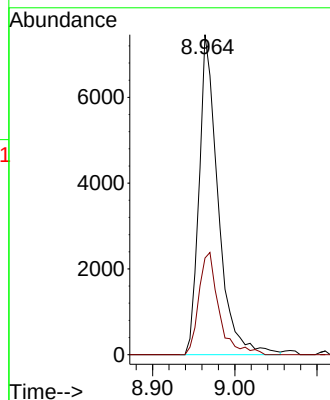
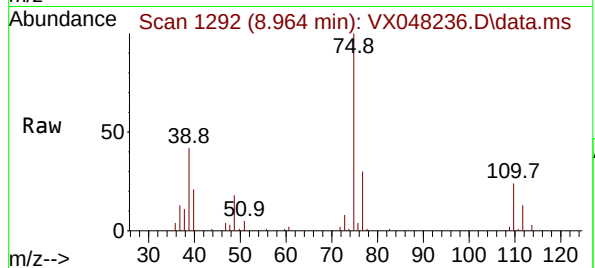
77 30.2 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#54

cis-1,3-Dichloropropene

Concen: 4.820 ug/l

RT: 8.354 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

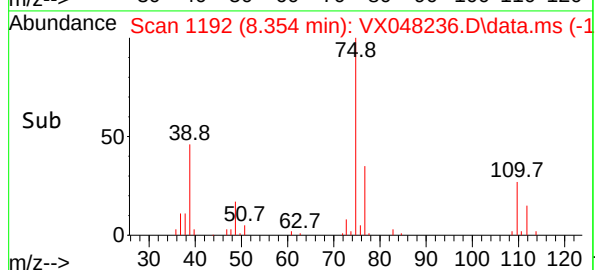
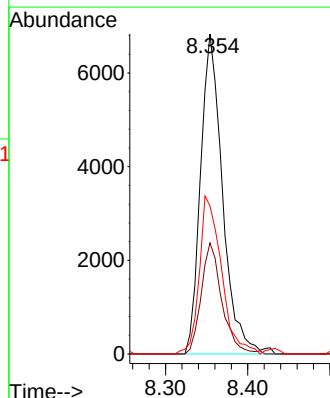
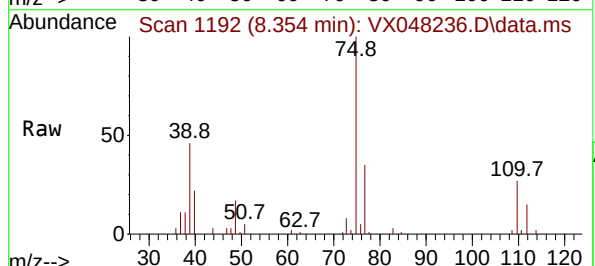
Tgt Ion: 75 Resp: 12702

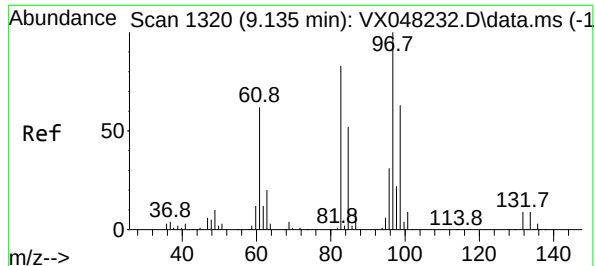
Ion Ratio Lower Upper

75 100

77 35.7 24.9 37.3

39 45.3 42.6 64.0





#55

1,1,2-Trichloroethane

Concen: 5.453 ug/l

RT: 9.140 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 811

Ion Ratio Lower Upper

97 100

83 77.5 70.6 105.8

85 46.8 45.0 67.6

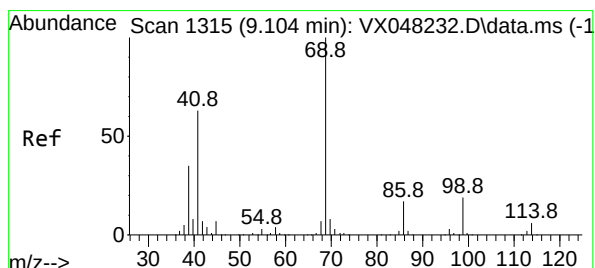
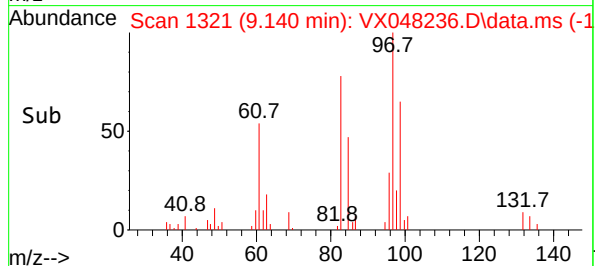
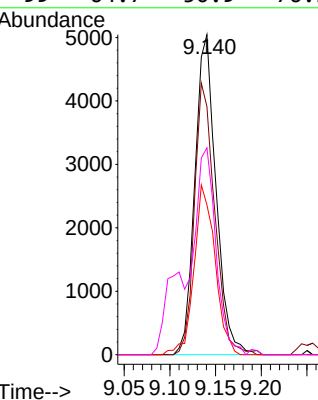
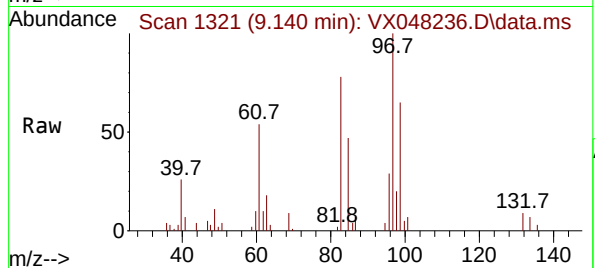
99 64.7 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#56

Ethyl methacrylate

Concen: 4.713 ug/l

RT: 9.104 min Scan# 1315

Delta R.T. 0.006 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

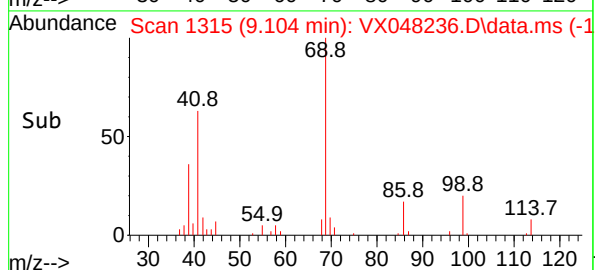
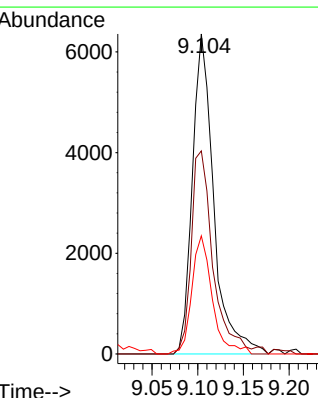
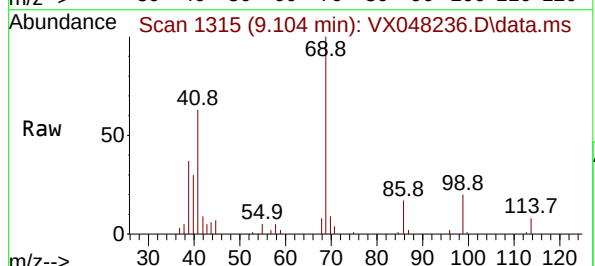
Tgt Ion: 69 Resp: 10320

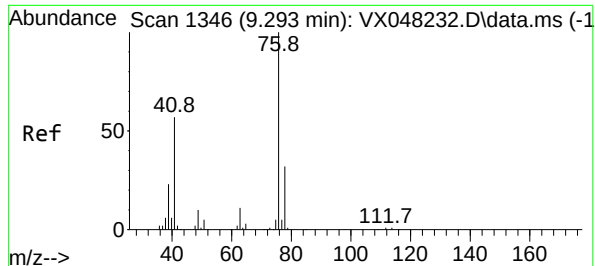
Ion Ratio Lower Upper

69 100

41 65.3 56.0 84.0

39 35.3 31.6 47.4





#57

1,3-Dichloropropane

Concen: 5.112 ug/l

RT: 9.293 min Scan# 111

Delta R.T. -0.000 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 1308

Ion Ratio Lower Upper

76 100

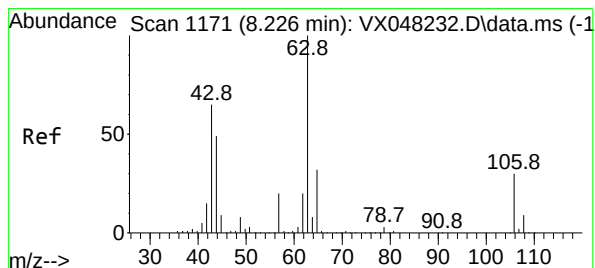
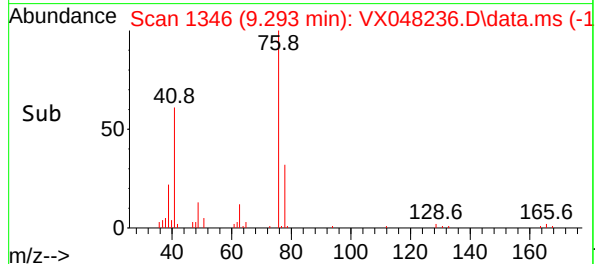
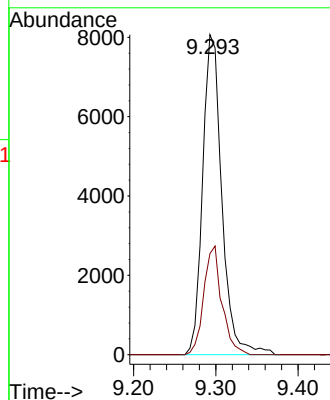
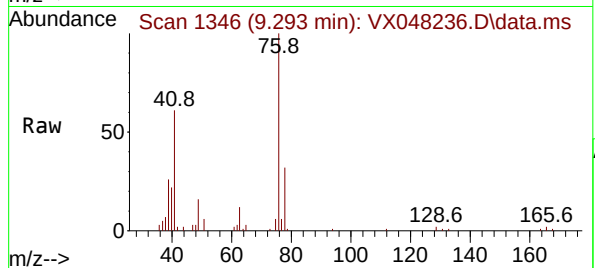
78 32.0 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#58

2-Chloroethyl Vinyl ether

Concen: 19.525 ug/l

RT: 8.232 min Scan# 1172

Delta R.T. 0.006 min

Lab File: VX048236.D

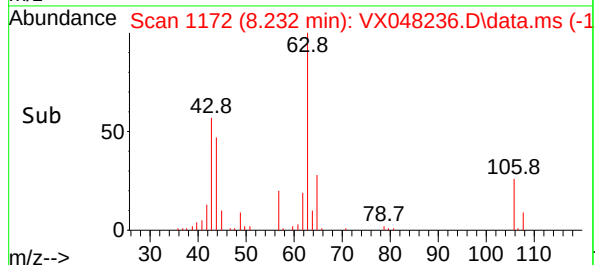
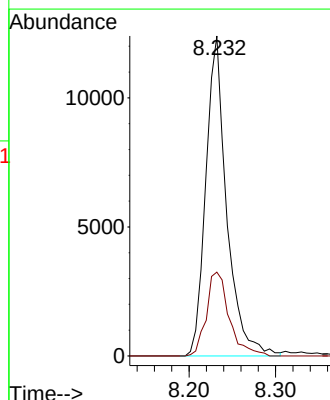
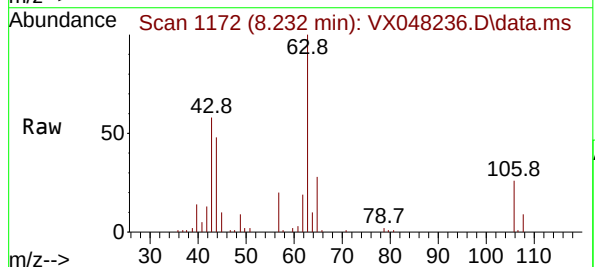
Acq: 20 Oct 2025 13:49

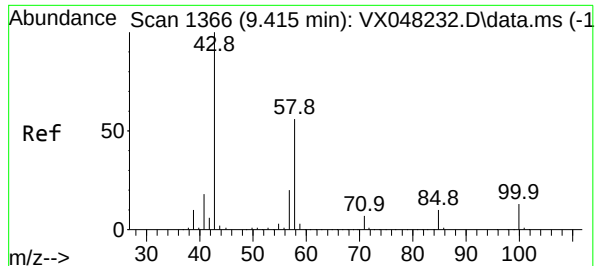
Tgt Ion: 63 Resp: 20764

Ion Ratio Lower Upper

63 100

106 28.6 22.2 33.2





#59

2-Hexanone

Concen: 25.896 ug/l

RT: 9.415 min Scan# 1366

Delta R.T. -0.000 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 30949

Ion Ratio Lower Upper

43 100

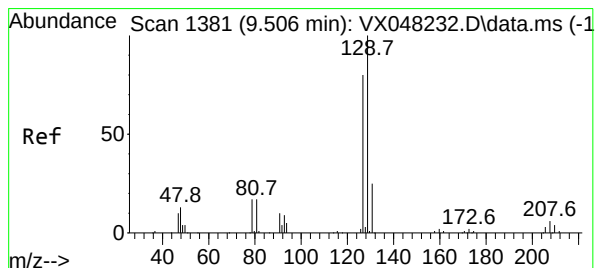
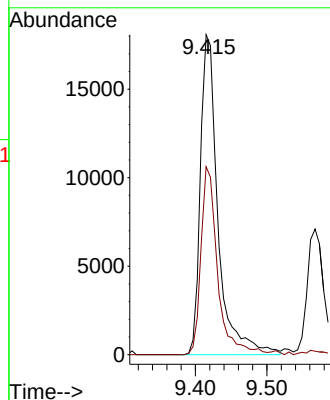
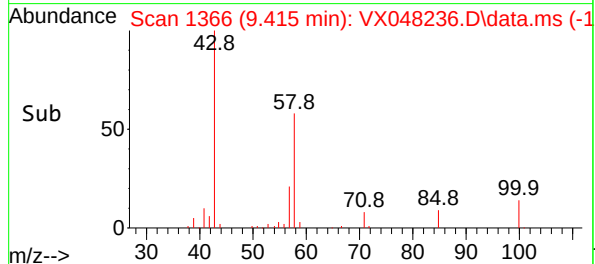
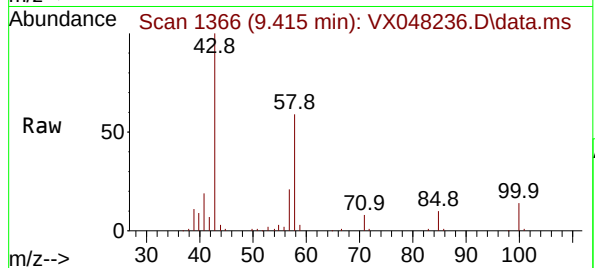
58 55.4 26.3 78.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#60

Dibromochloromethane

Concen: 5.028 ug/l

RT: 9.506 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VX048236.D

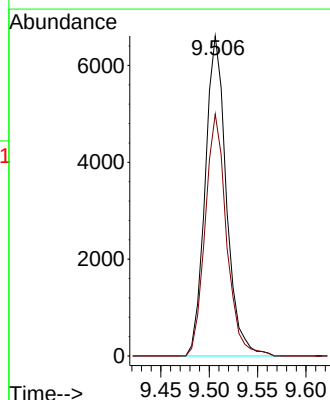
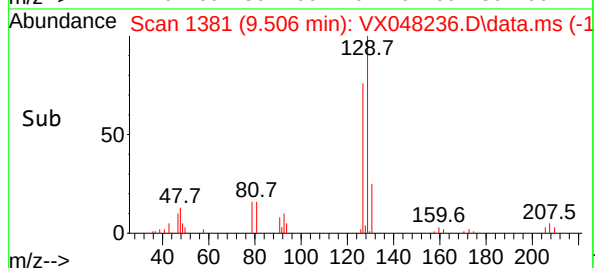
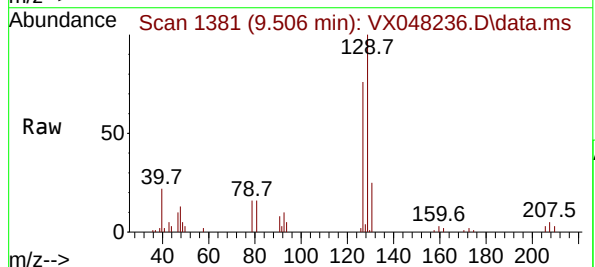
Acq: 20 Oct 2025 13:49

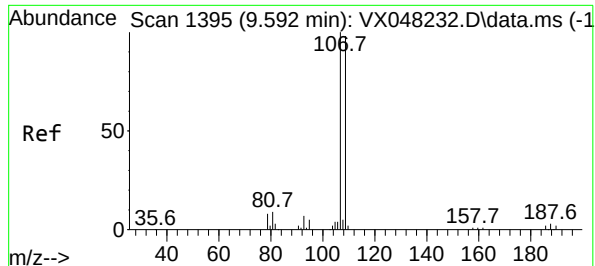
Tgt Ion:129 Resp: 10082

Ion Ratio Lower Upper

129 100

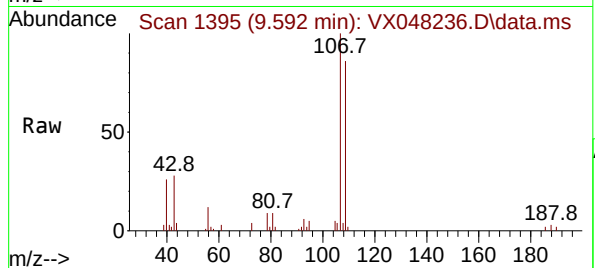
127 76.3 38.6 115.7





#61
1,2-Dibromoethane
Concen: 5.075 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

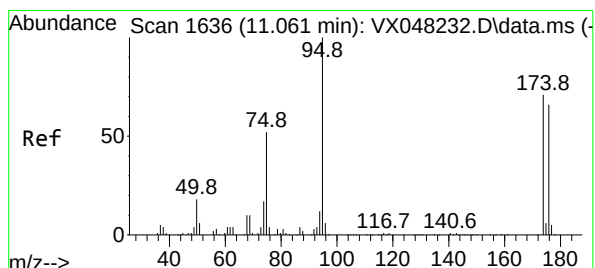
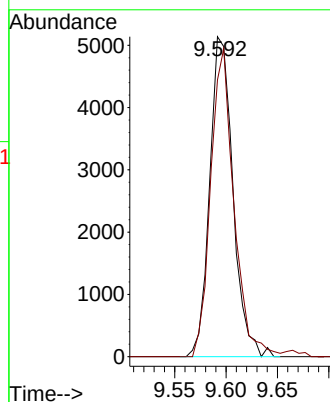
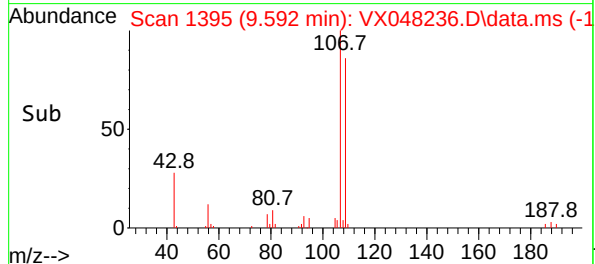
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:107 Resp: 8079
Ion Ratio Lower Upper
107 100
109 96.3 77.0 115.4

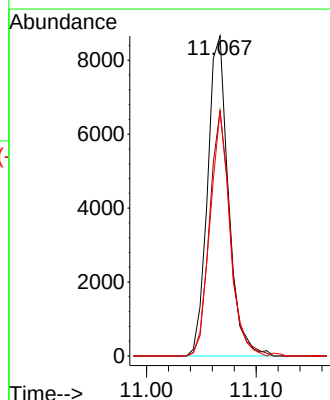
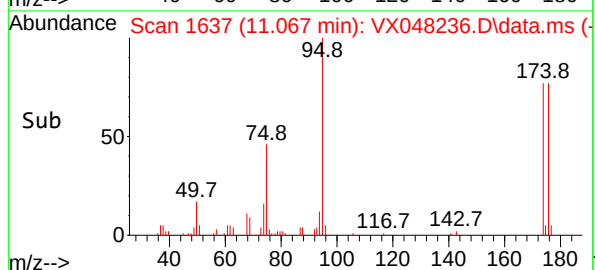
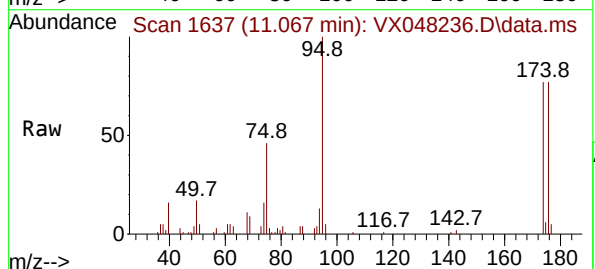
Manual Integrations
APPROVED

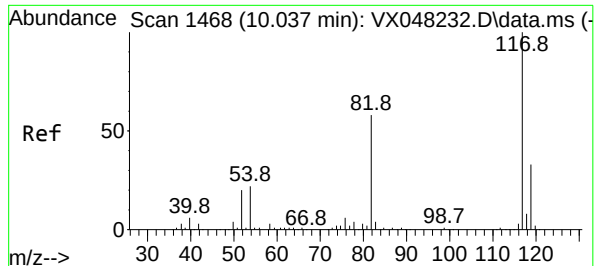
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#62
4-Bromofluorobenzene
Concen: 4.042 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

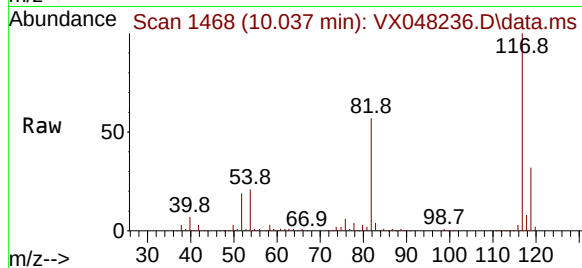
Tgt Ion: 95 Resp: 11429
Ion Ratio Lower Upper
95 100
174 75.7 0.0 147.8
176 73.4 0.0 142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

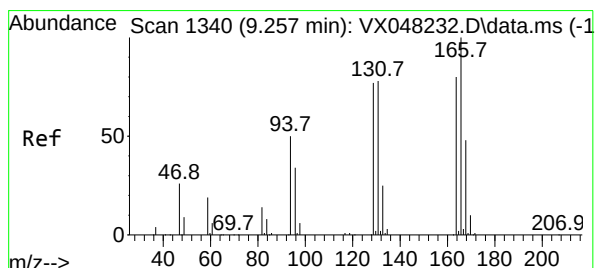
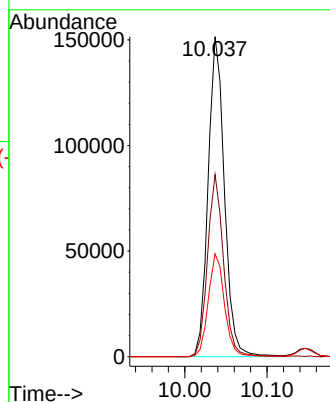
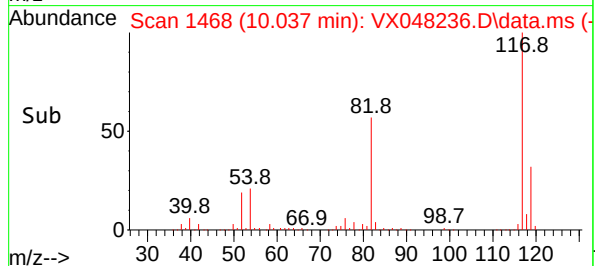
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:117 Resp: 20848
Ion Ratio Lower Upper
117 100
82 56.9 46.5 69.7
119 32.2 25.9 38.9

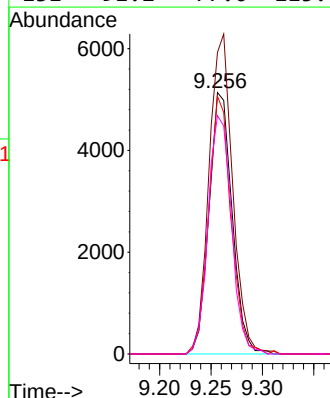
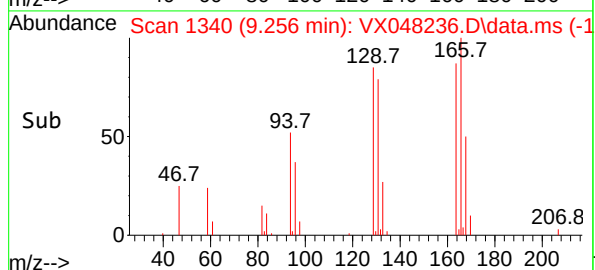
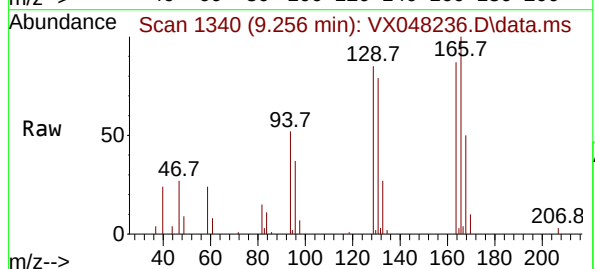
Manual Integrations
APPROVED

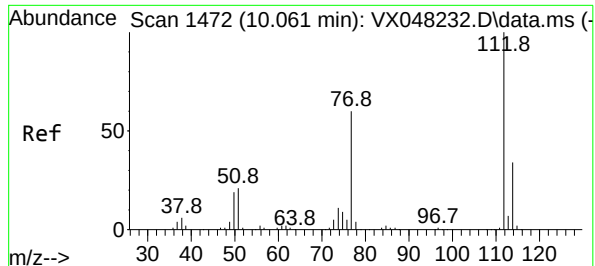
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#64
Tetrachloroethene
Concen: 5.341 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:164 Resp: 8020
Ion Ratio Lower Upper
164 100
166 115.3 104.5 156.7
129 98.6 81.8 122.6
131 91.2 77.0 115.6





#65

Chlorobenzene

Concen: 5.236 ug/l

RT: 10.061 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion:112 Resp: 2387

Ion Ratio Lower Upper

112 100

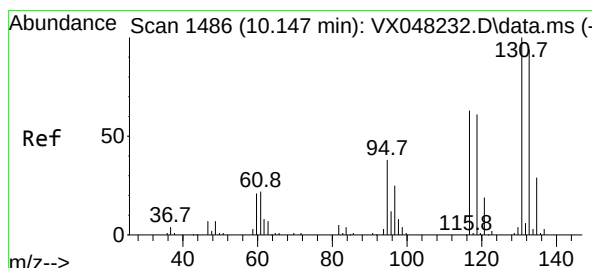
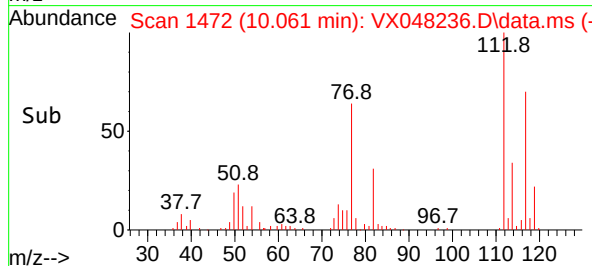
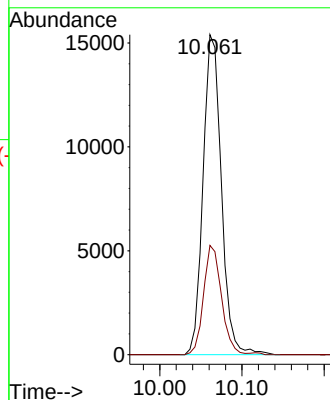
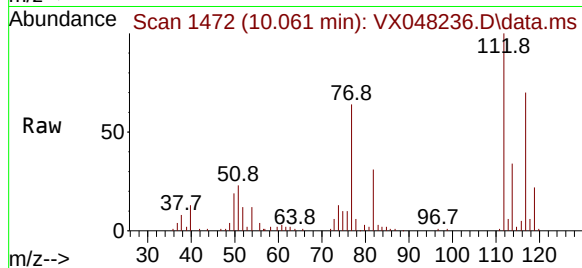
114 34.2 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#66

1,1,1,2-Tetrachloroethane

Concen: 5.012 ug/l

RT: 10.146 min Scan# 1486

Delta R.T. -0.000 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

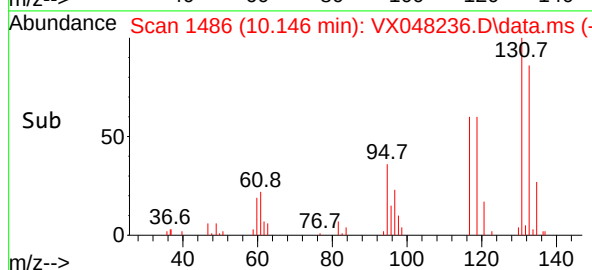
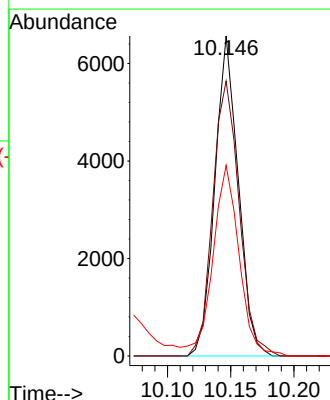
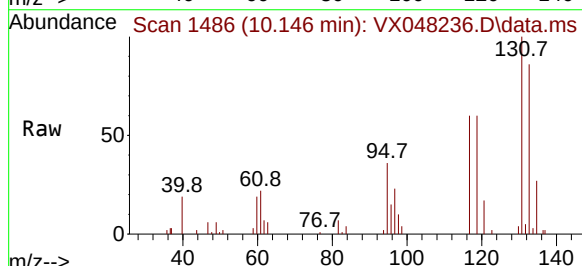
Tgt Ion:131 Resp: 8450

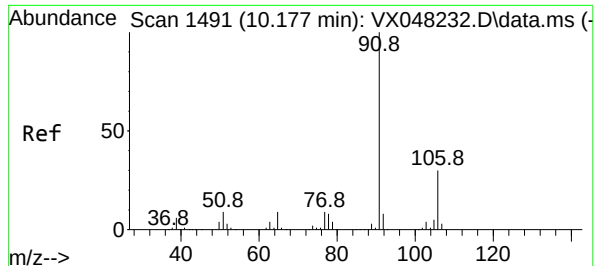
Ion Ratio Lower Upper

131 100

133 97.1 47.6 142.8

119 66.7 32.5 97.5





#67

Ethyl Benzene

Concen: 5.044 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 91 Resp: 3912

Ion Ratio Lower Upper

91 100

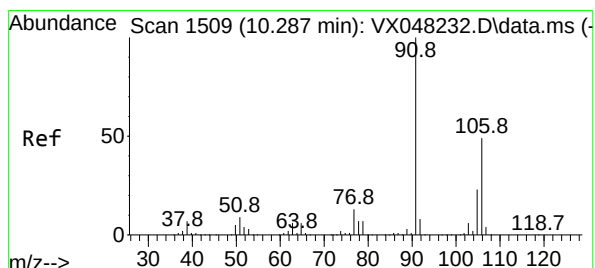
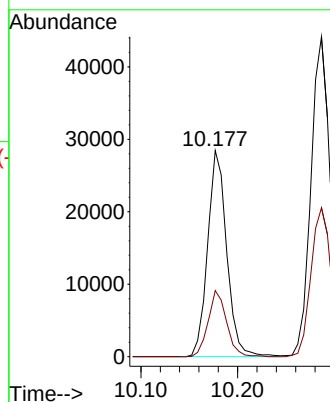
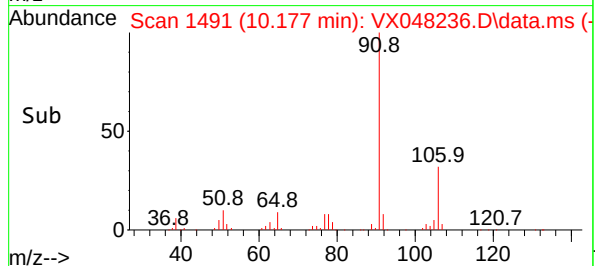
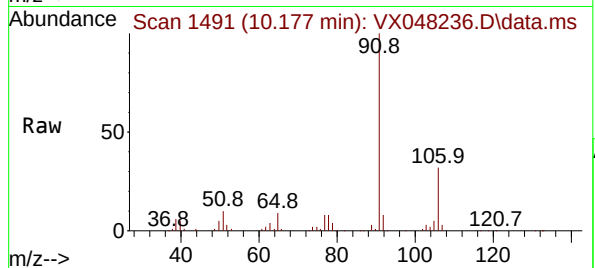
106 32.1 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#68

m/p-Xylenes

Concen: 10.586 ug/l

RT: 10.287 min Scan# 1509

Delta R.T. -0.000 min

Lab File: VX048236.D

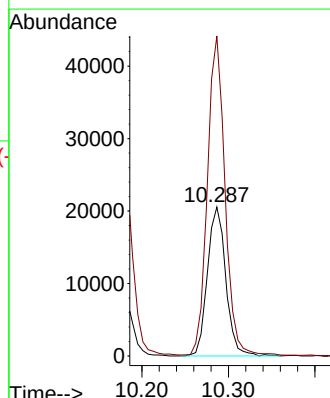
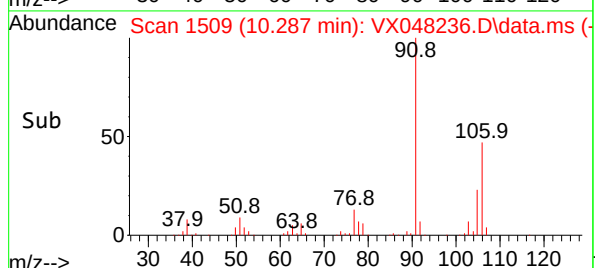
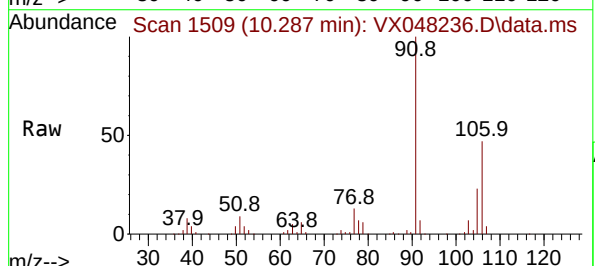
Acq: 20 Oct 2025 13:49

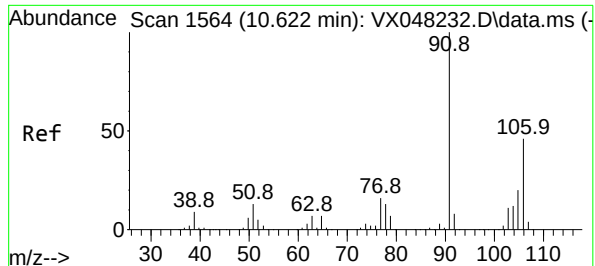
Tgt Ion:106 Resp: 30310

Ion Ratio Lower Upper

106 100

91 205.7 167.9 251.9





#69

o-Xylene

Concen: 5.128 ug/l

RT: 10.628 min Scan# 1564

Delta R.T. 0.006 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:106 Resp: 1426

Ion Ratio Lower Upper

106 100

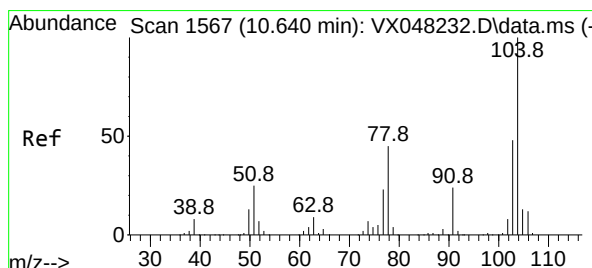
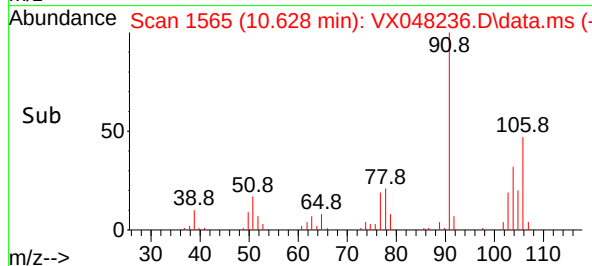
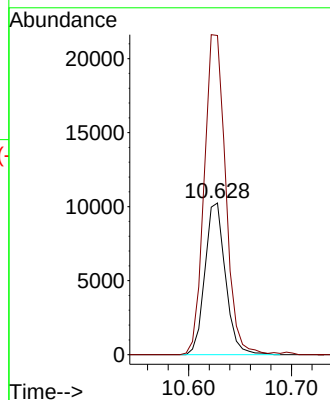
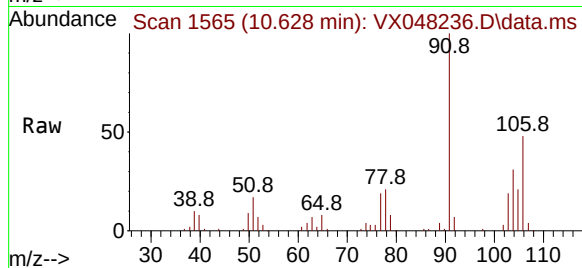
91 219.6 111.3 333.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#70

Styrene

Concen: 5.138 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

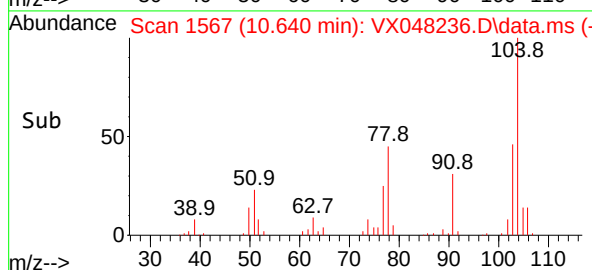
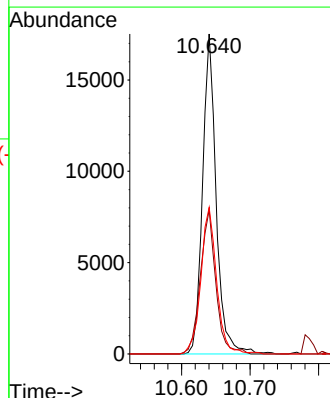
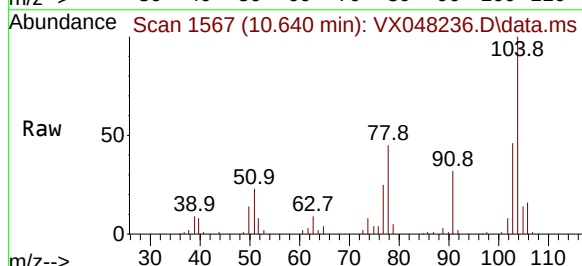
Tgt Ion:104 Resp: 24289

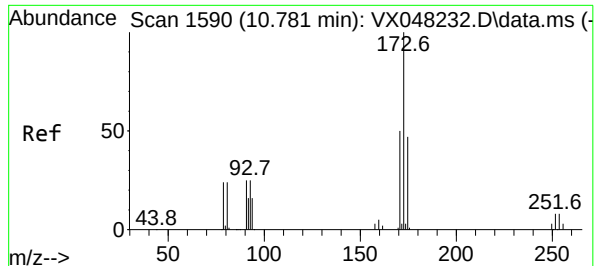
Ion Ratio Lower Upper

104 100

78 51.1 42.2 63.4

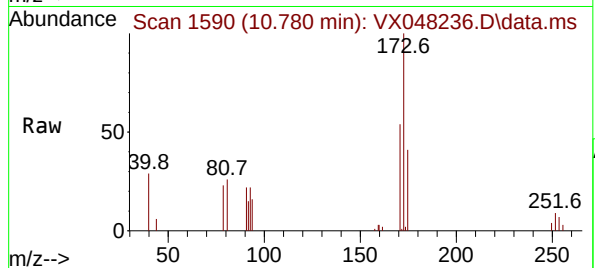
103 53.2 43.0 64.4





#71
Bromoform
Concen: 5.031 ug/l
RT: 10.780 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

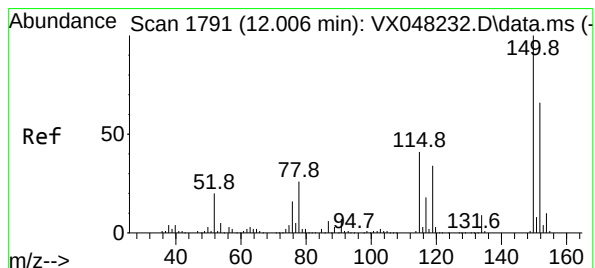
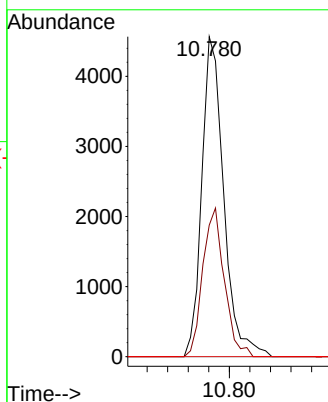
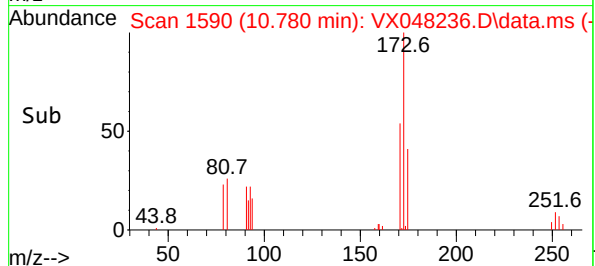
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



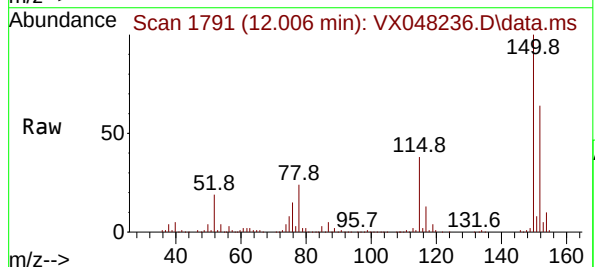
Tgt Ion:173 Resp: 6760
Ion Ratio Lower Upper
173 100
175 45.6 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

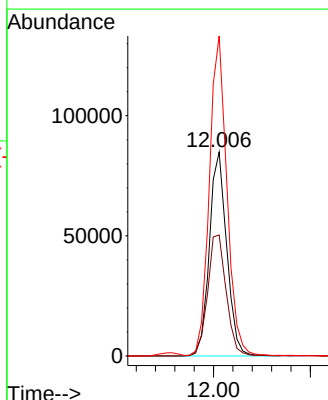
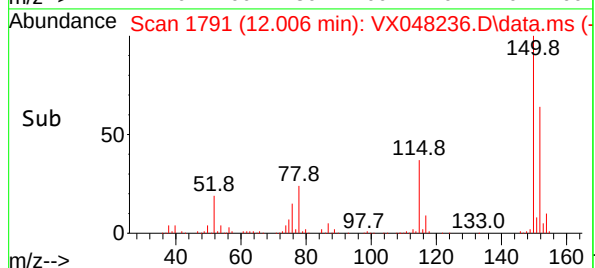
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

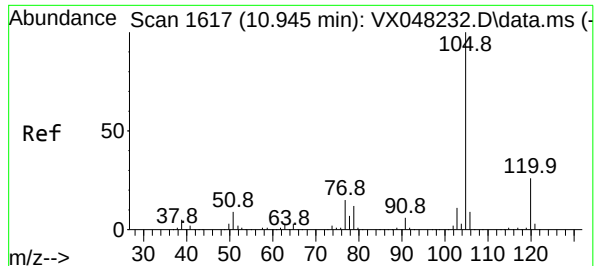


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49



Tgt Ion:152 Resp: 105998
Ion Ratio Lower Upper
152 100
115 63.9 43.1 129.4
150 157.2 0.0 353.0





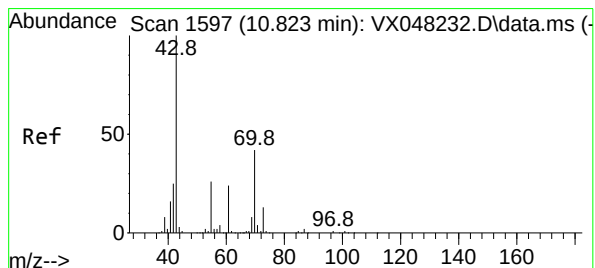
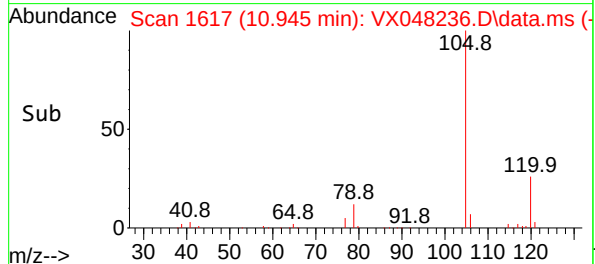
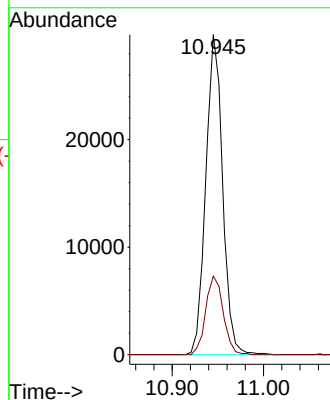
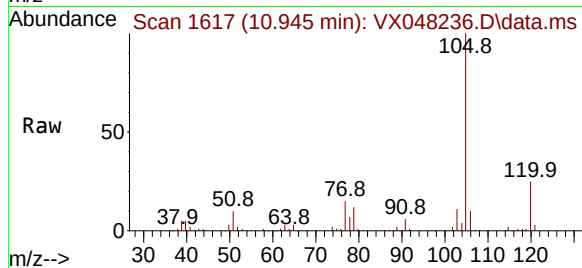
#73
Isopropylbenzene
Concen: 5.082 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 37935
Ion Ratio Lower Upper
105 100
120 25.6 13.0 38.9

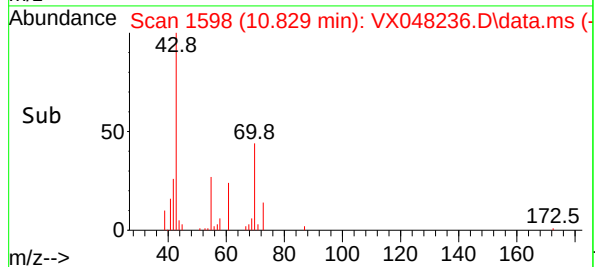
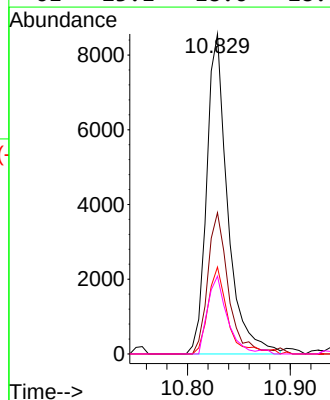
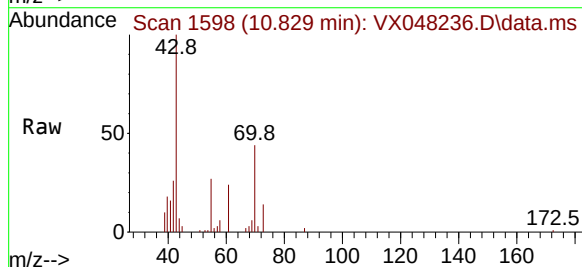
Manual Integrations
APPROVED

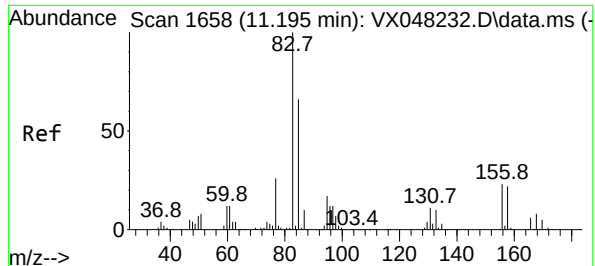
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#74
N-ethyl acetate
Concen: 4.544 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 43 Resp: 12188
Ion Ratio Lower Upper
43 100
70 43.3 32.2 48.2
55 25.7 19.1 28.7
61 23.1 18.6 28.0





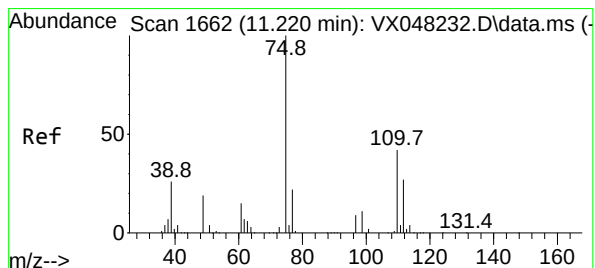
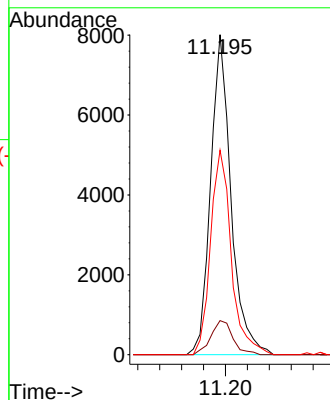
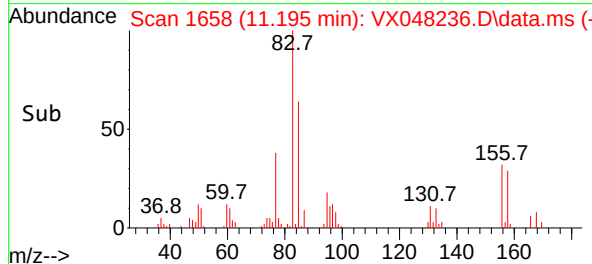
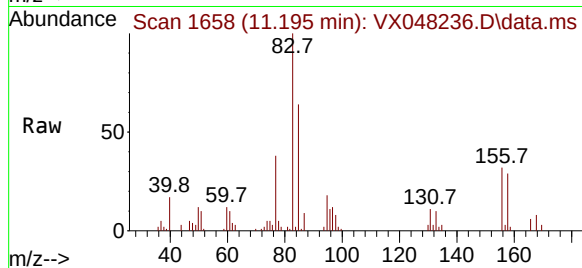
#75
1,1,2,2-Tetrachloroethane
Concen: 4.992 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 10324
Ion Ratio Lower Upper
83 100
131 11.5 4.8 14.4
85 65.0 31.9 95.7

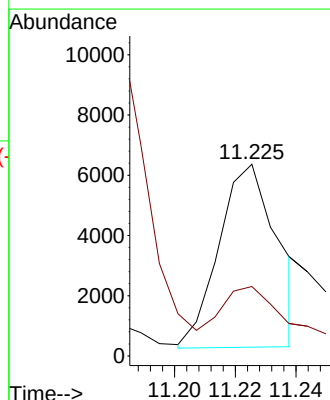
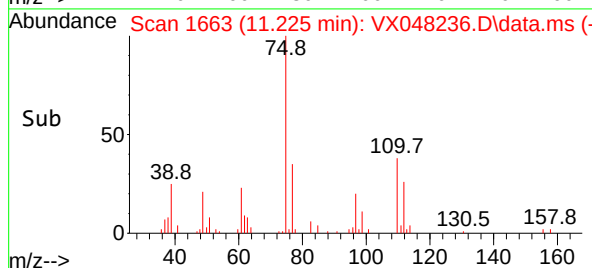
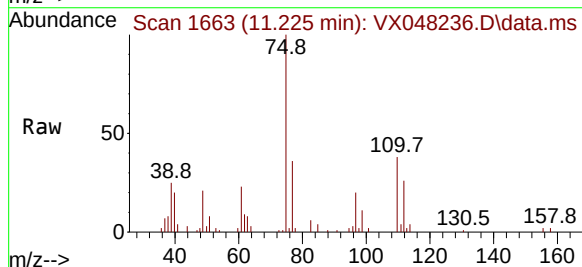
Manual Integrations
APPROVED

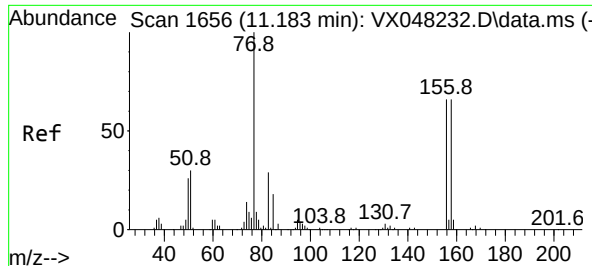
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#76
1,2,3-Trichloropropane
Concen: 4.889 ug/l m
RT: 11.225 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

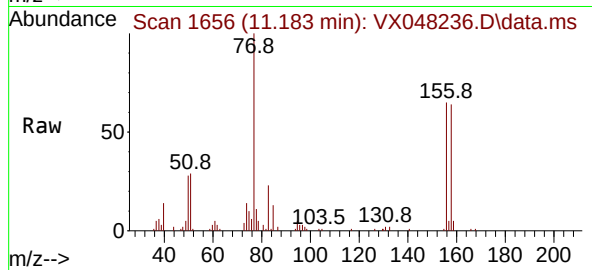
Tgt Ion: 75 Resp: 8134
Ion Ratio Lower Upper
75 100
77 49.3 22.4 67.2





#77
Bromobenzene
Concen: 5.027 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

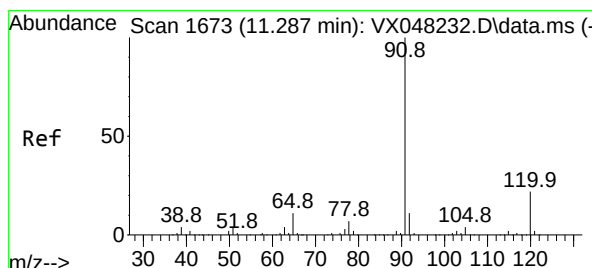
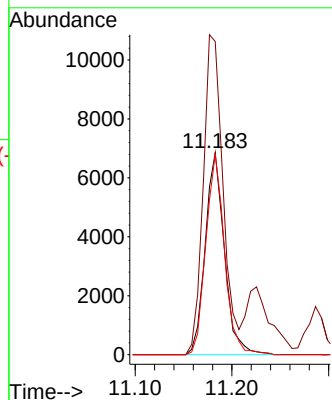
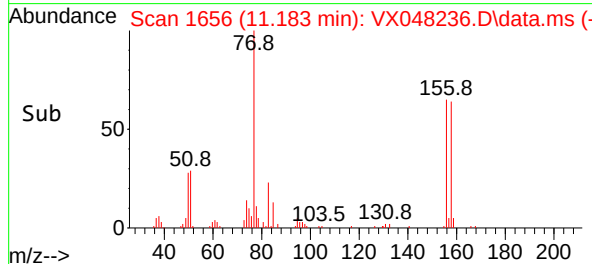
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



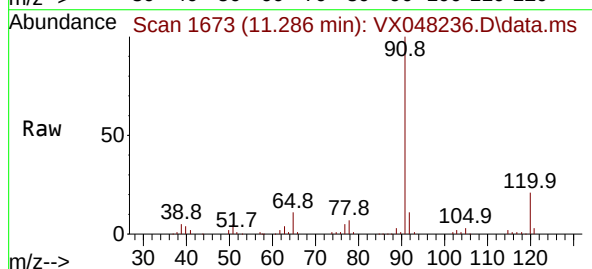
Tgt Ion:156 Resp: 9508
Ion Ratio Lower Upper
156 100
77 162.1 87.0 261.0
158 96.5 47.8 143.4

Manual Integrations
APPROVED

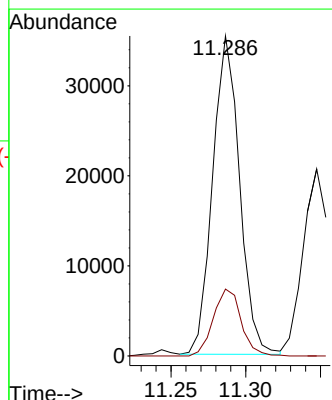
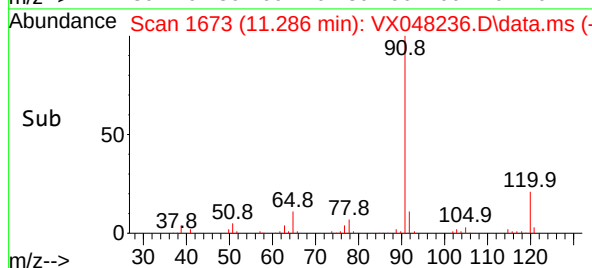
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

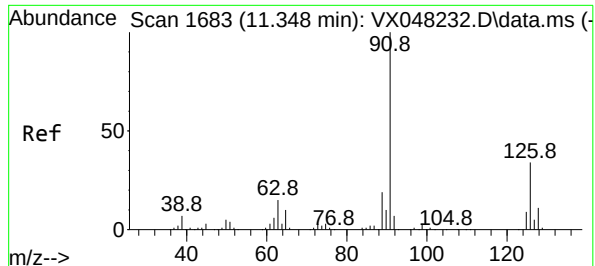


#78
n-propylbenzene
Concen: 5.097 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49



Tgt Ion: 91 Resp: 44189
Ion Ratio Lower Upper
91 100
120 21.7 11.1 33.1





#79

2-Chlorotoluene

Concen: 5.032 ug/l

RT: 11.347 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 91 Resp: 2662

Ion Ratio Lower Upper

91 100

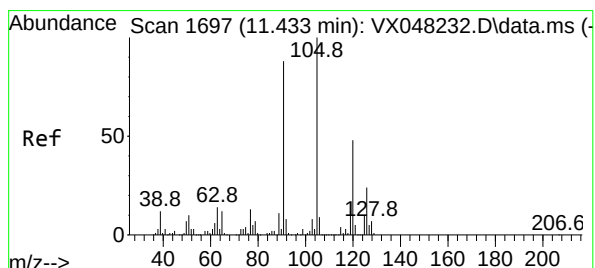
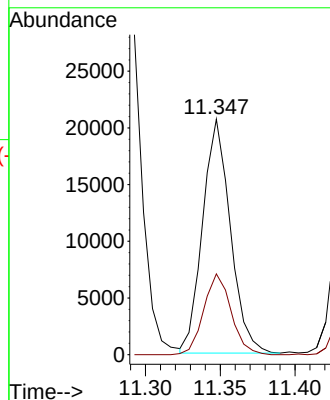
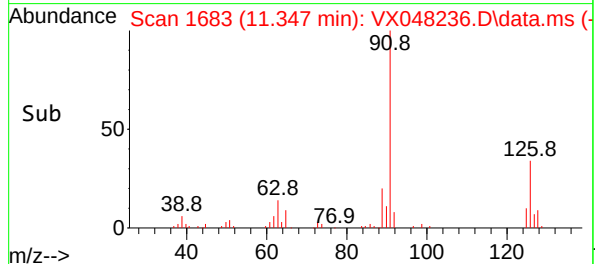
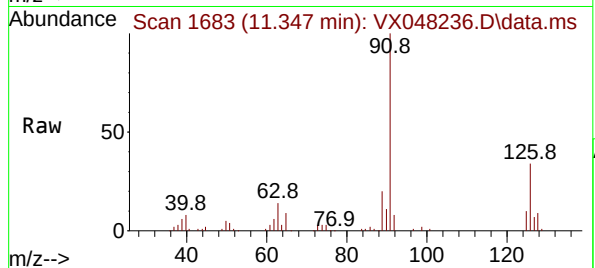
126 34.0 16.4 49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#80

1,3,5-Trimethylbenzene

Concen: 4.910 ug/l

RT: 11.433 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VX048236.D

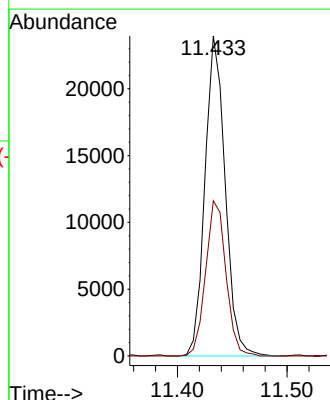
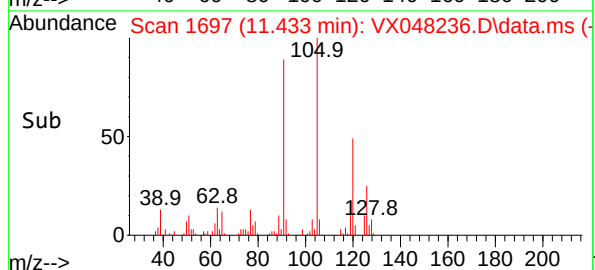
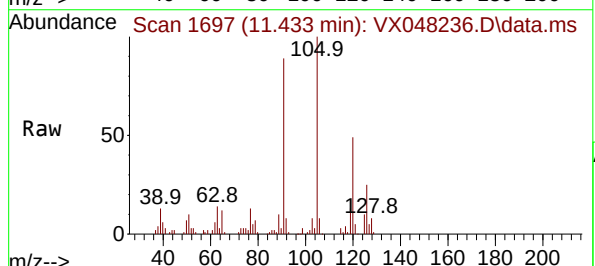
Acq: 20 Oct 2025 13:49

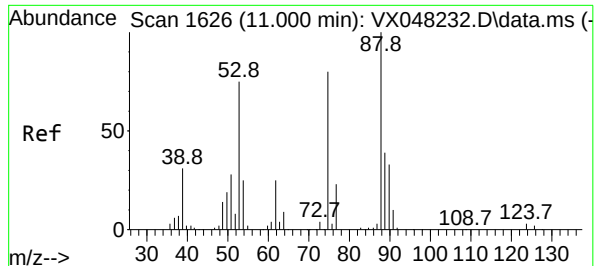
Tgt Ion:105 Resp: 30618

Ion Ratio Lower Upper

105 100

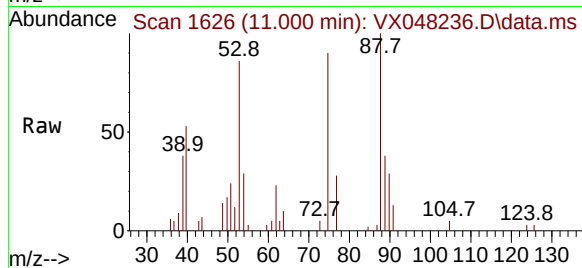
120 48.8 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 4.387 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

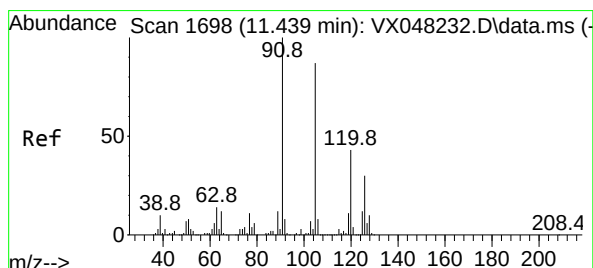
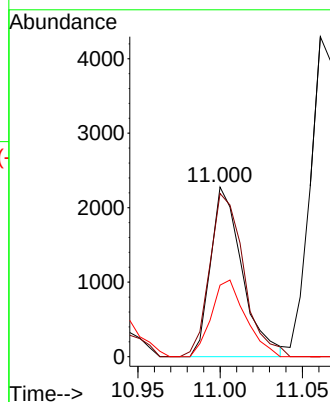
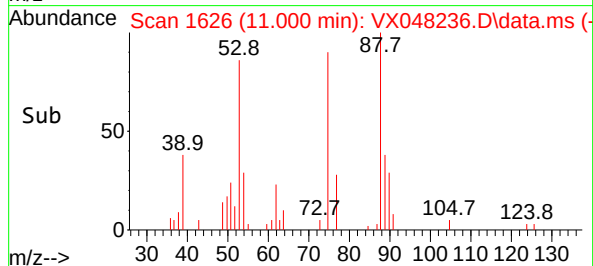
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 3038
Ion Ratio Lower Upper
75 100
53 103.8 79.5 119.3
89 49.0 36.8 55.2

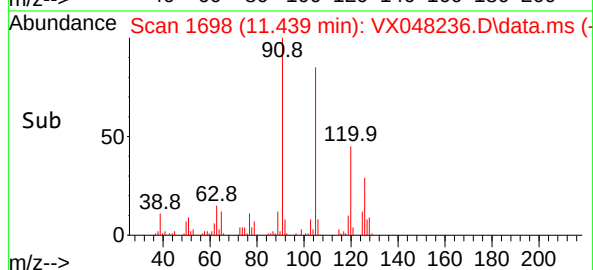
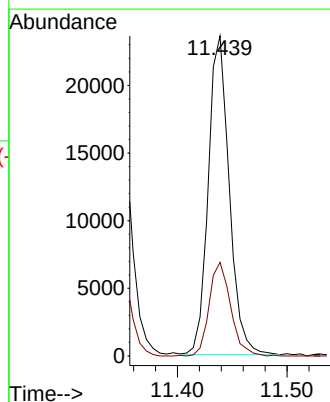
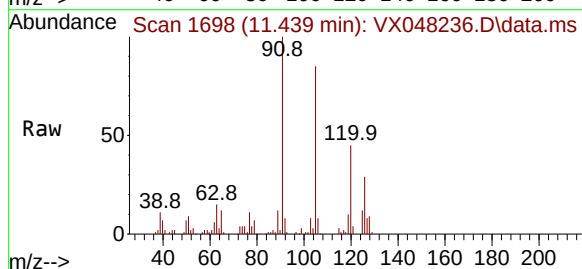
Manual Integrations
APPROVED

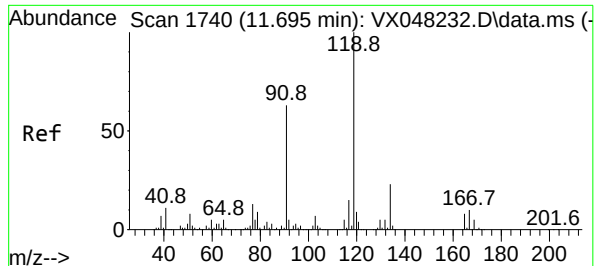
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#82
4-Chlorotoluene
Concen: 5.017 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 91 Resp: 31357
Ion Ratio Lower Upper
91 100
126 30.1 14.1 42.4





#83

tert-Butylbenzene

Concen: 5.086 ug/l

RT: 11.695 min Scan# 1740

Delta R.T. -0.000 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

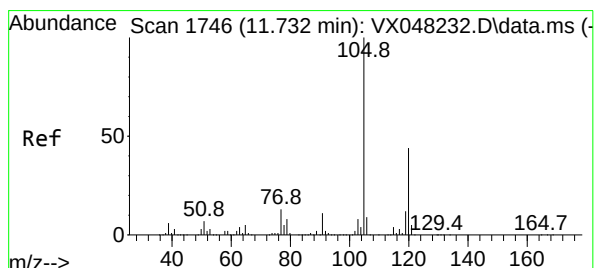
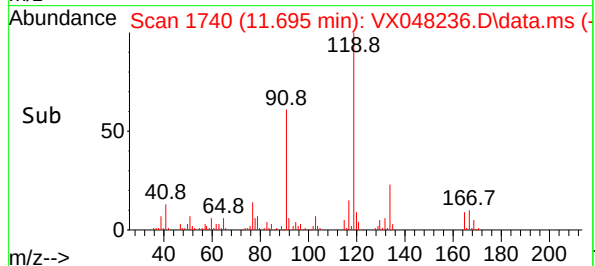
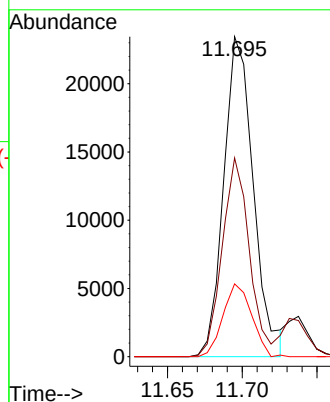
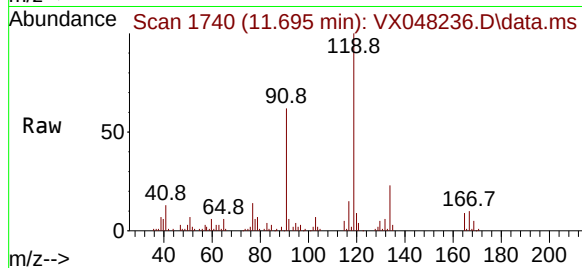
Tgt Ion:	119	Resp:	3229
Ion Ratio	Lower	Upper	
119	100		
91	56.8	30.3	91.0
134	22.0	11.4	34.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#84

1,2,4-Trimethylbenzene

Concen: 5.129 ug/l

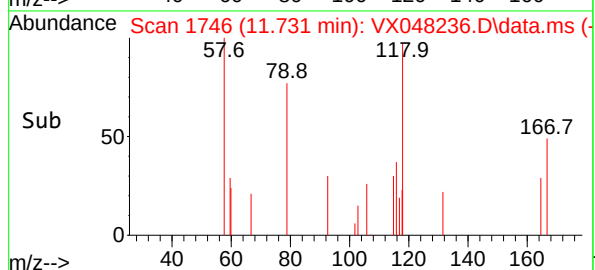
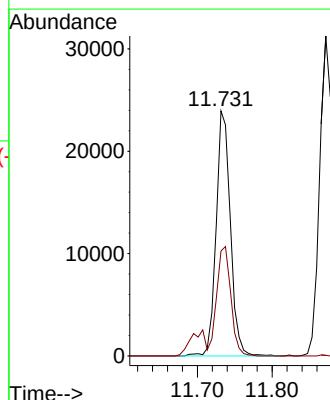
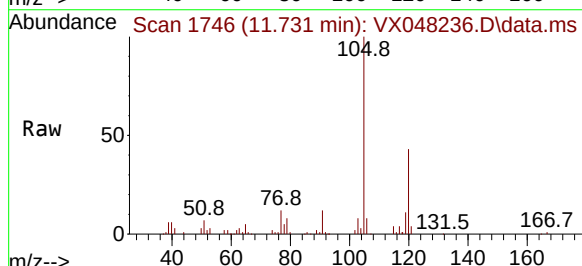
RT: 11.731 min Scan# 1746

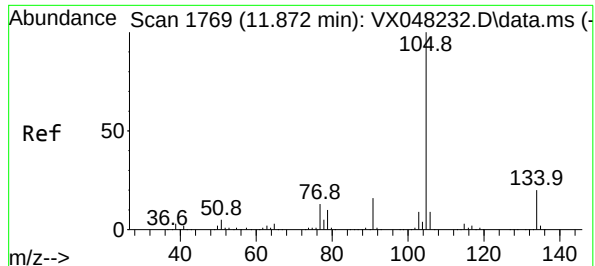
Delta R.T. -0.000 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

Tgt Ion:	105	Resp:	31709
Ion Ratio	Lower	Upper	
105	100		
120	44.3	22.1	66.5





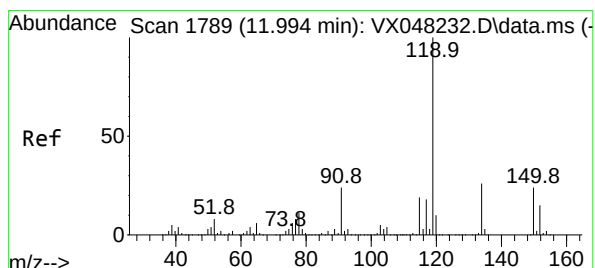
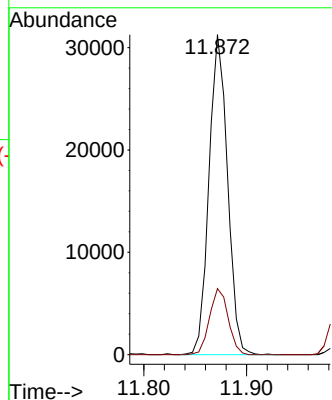
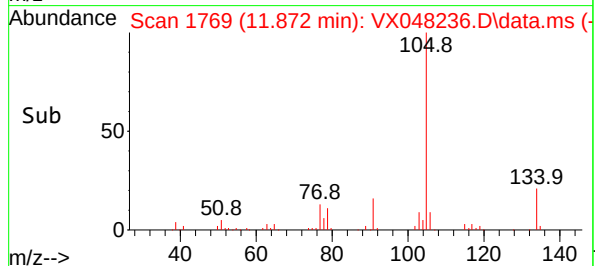
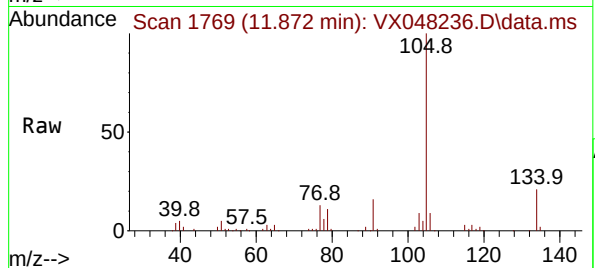
#85
sec-Butylbenzene
Concen: 5.118 ug/l
RT: 11.872 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 3911
Ion Ratio Lower Upper
105 100
134 20.8 10.1 30.1

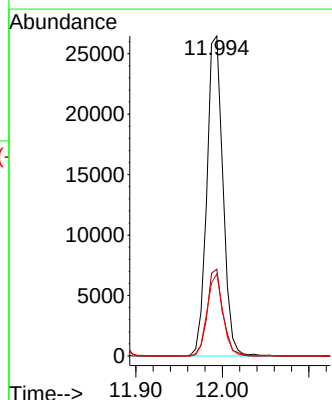
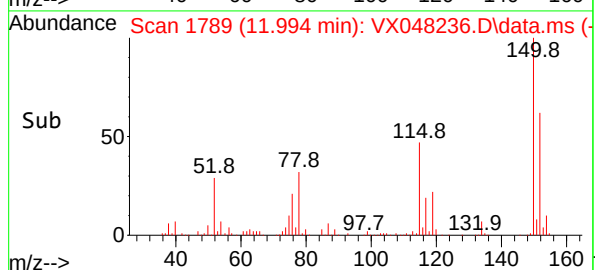
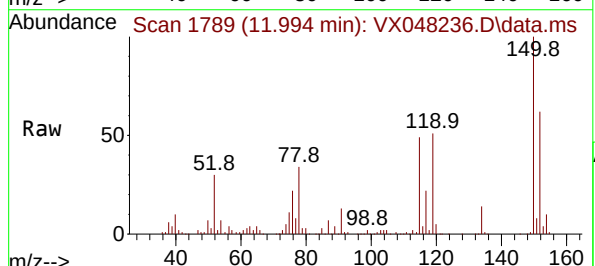
Manual Integrations
APPROVED

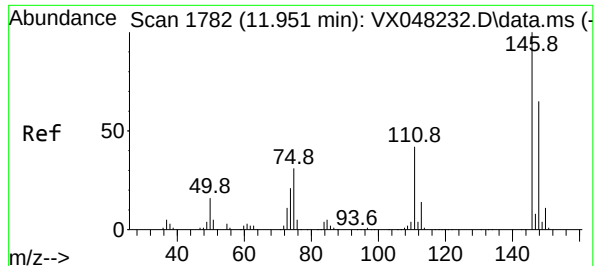
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#86
p-Isopropyltoluene
Concen: 5.185 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

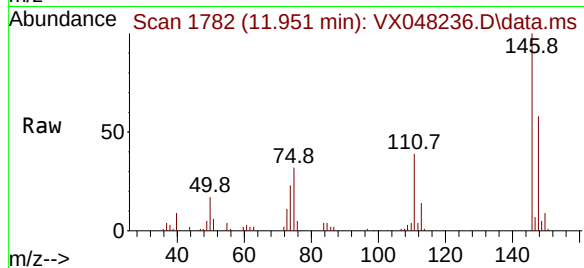
Tgt Ion:119 Resp: 34155
Ion Ratio Lower Upper
119 100
134 26.1 13.0 39.0
91 25.3 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 5.256 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

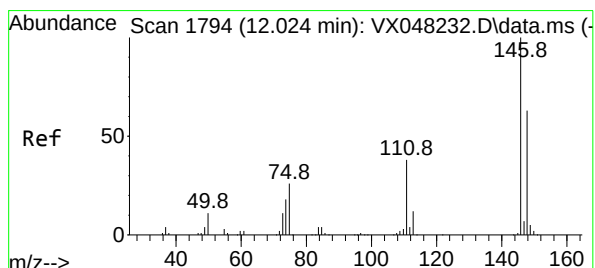
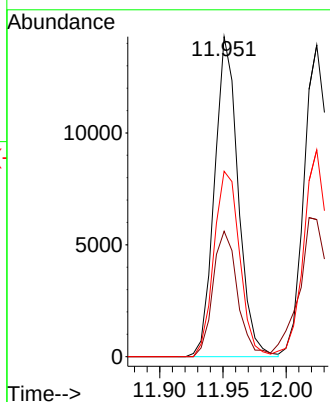
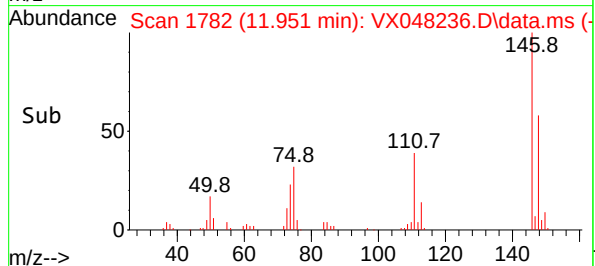
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:146 Resp: 18540
Ion Ratio Lower Upper
146 100
111 40.9 20.4 61.2
148 63.1 31.9 95.9

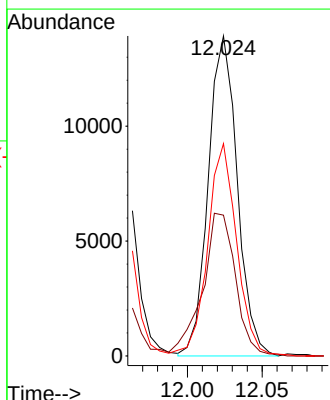
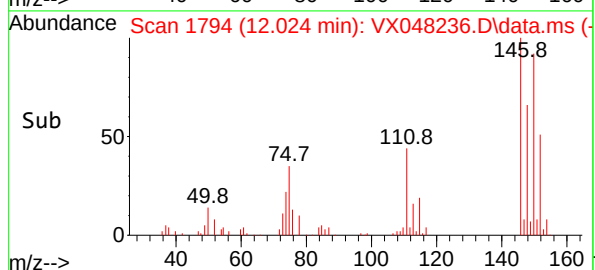
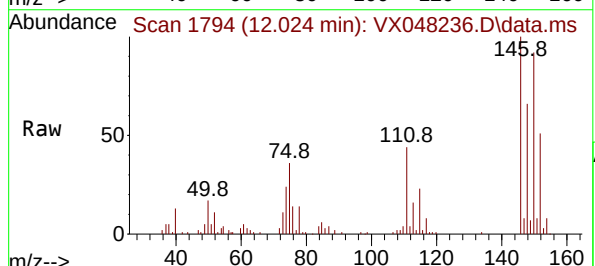
Manual Integrations
APPROVED

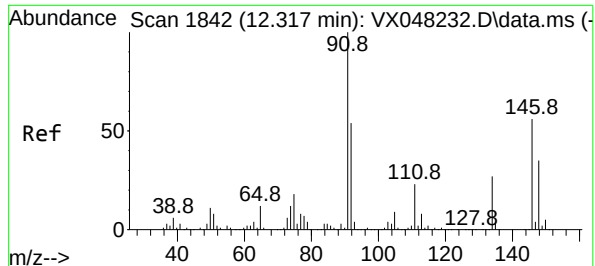
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#88
1,4-Dichlorobenzene
Concen: 5.081 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:146 Resp: 18787
Ion Ratio Lower Upper
146 100
111 50.9 20.1 60.2
148 66.5 31.8 95.3





#89

n-Butylbenzene

Concen: 5.069 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. 0.006 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 30409

Ion Ratio Lower Upper

91 100

92 53.1 26.9 80.6

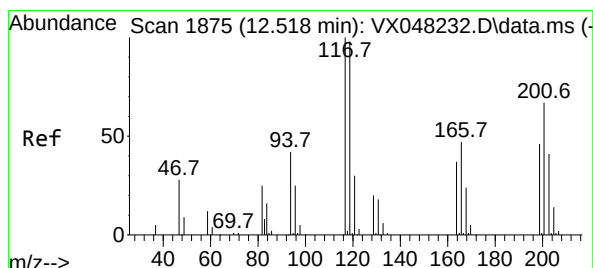
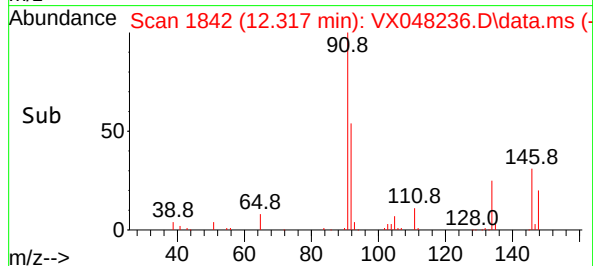
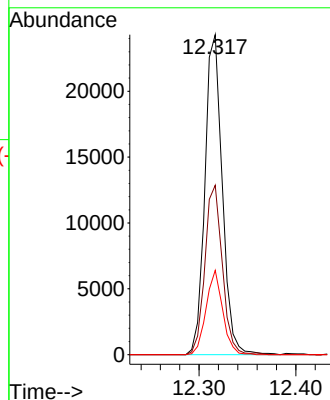
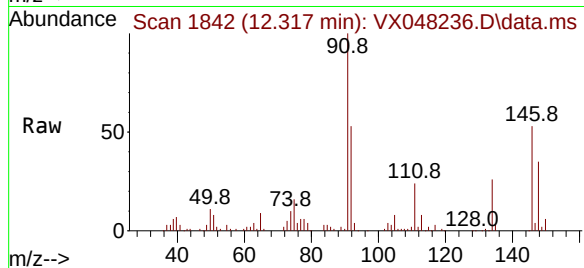
134 25.2 12.7 38.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#90

Hexachloroethane

Concen: 5.210 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VX048236.D

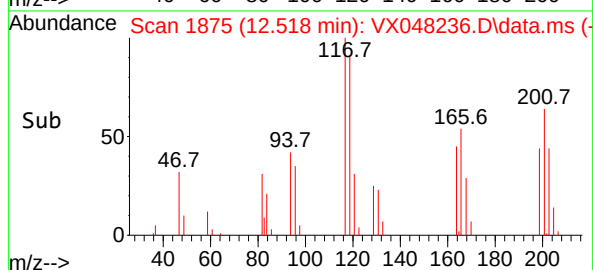
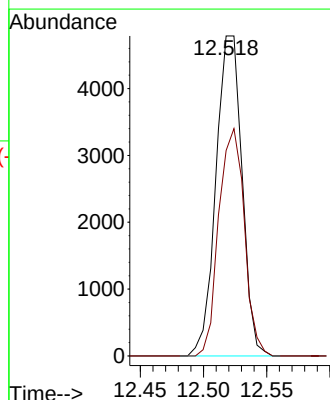
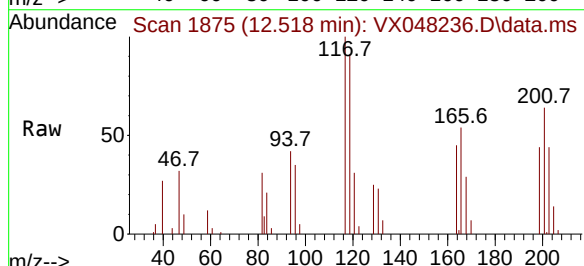
Acq: 20 Oct 2025 13:49

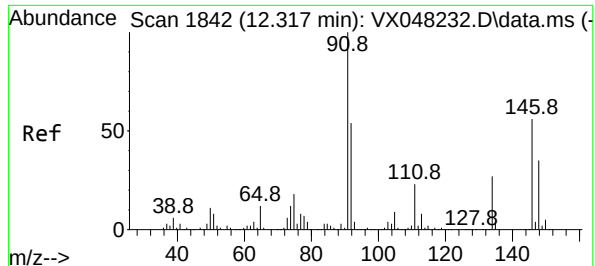
Tgt Ion:117 Resp: 6863

Ion Ratio Lower Upper

117 100

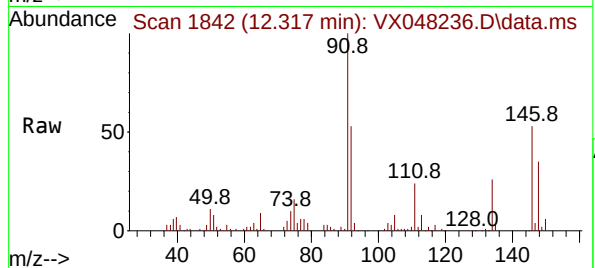
201 69.4 34.1 102.2





#91
1,2-Dichlorobenzene
Concen: 5.076 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

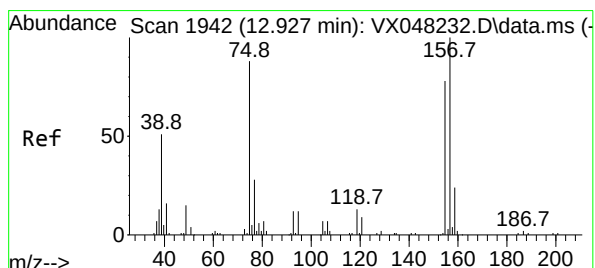
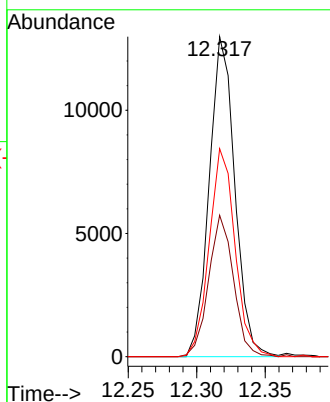
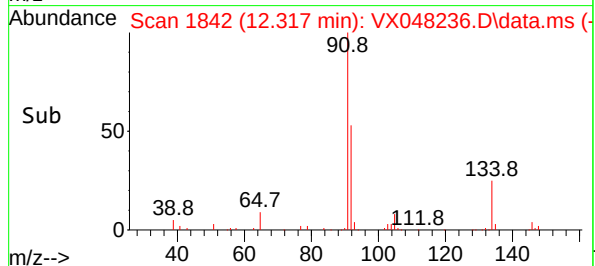
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:146 Resp: 16849
Ion Ratio Lower Upper
146 100
111 43.0 21.9 65.5
148 65.9 31.9 95.5

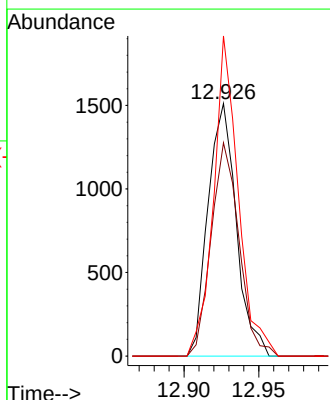
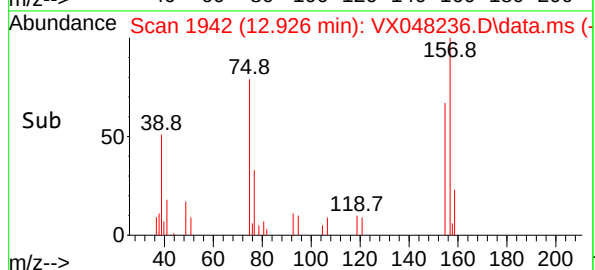
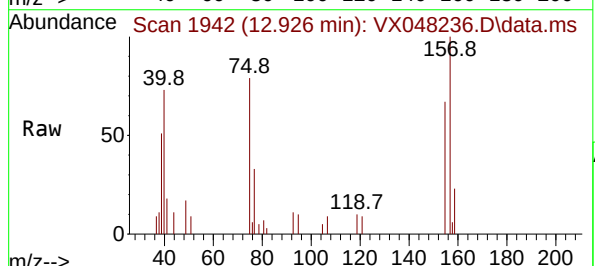
Manual Integrations
APPROVED

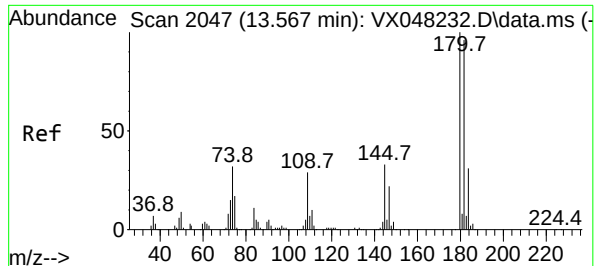
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.680 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 75 Resp: 1984
Ion Ratio Lower Upper
75 100
155 83.2 42.8 128.4
157 110.7 54.2 162.6





#93

1,2,4-Trichlorobenzene

Concen: 4.693 ug/l

RT: 13.573 min Scan# 2047

Delta R.T. 0.006 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:180 Resp: 10538

Ion Ratio Lower Upper

180 100

182 92.5 47.3 142.0

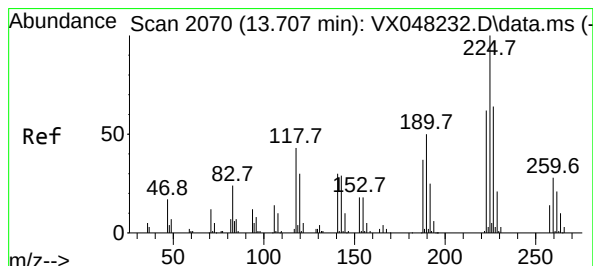
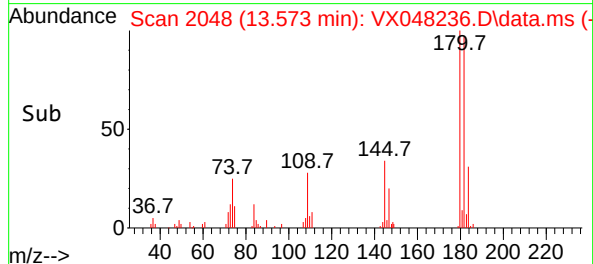
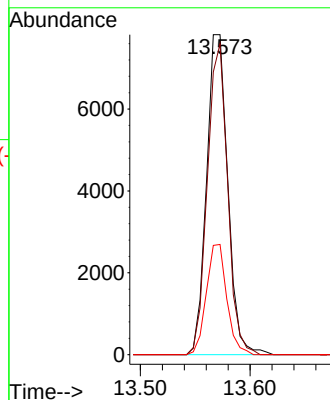
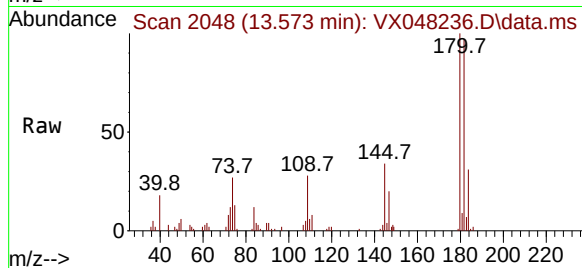
145 33.2 16.3 48.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#94

Hexachlorobutadiene

Concen: 4.948 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. 0.006 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

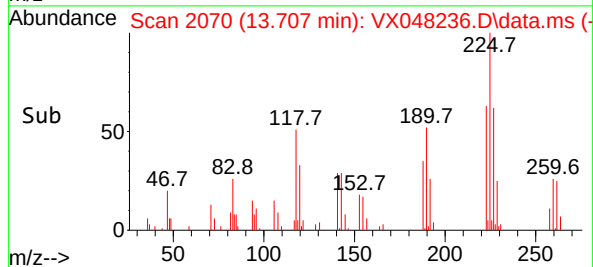
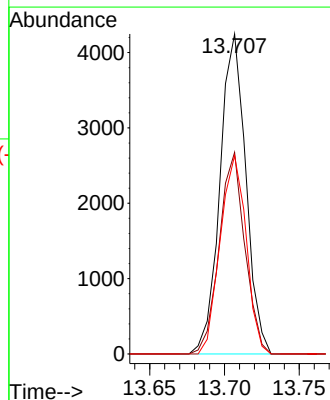
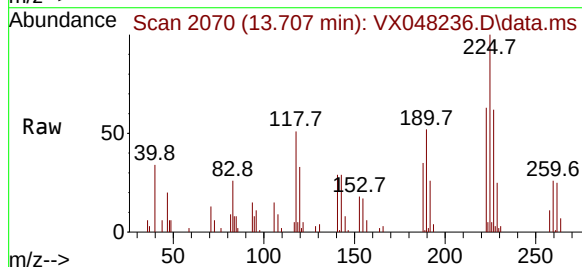
Tgt Ion:225 Resp: 5113

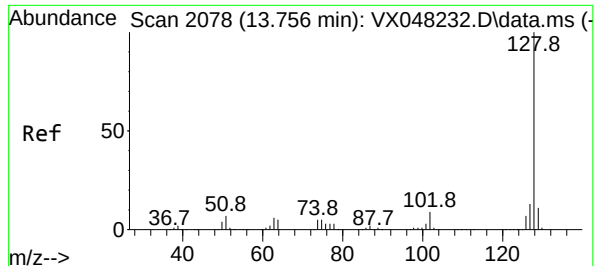
Ion Ratio Lower Upper

225 100

223 62.3 32.6 97.7

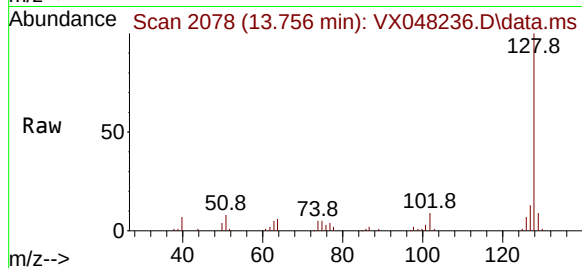
227 62.0 32.5 97.4





#95
Naphthalene
Concen: 4.374 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

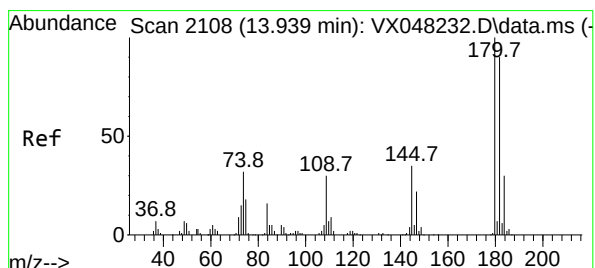
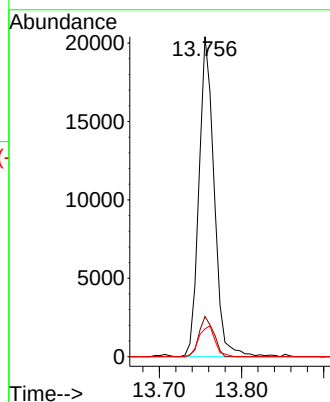
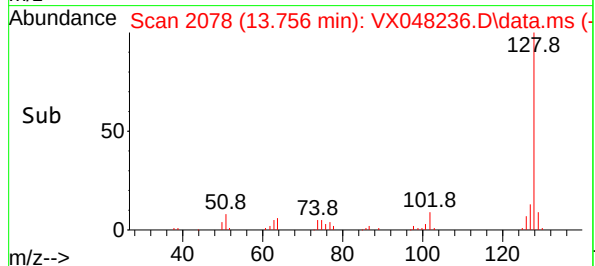
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:128 Resp: 26218
Ion Ratio Lower Upper
128 100
127 12.0 10.2 15.4
129 10.2 8.6 12.8

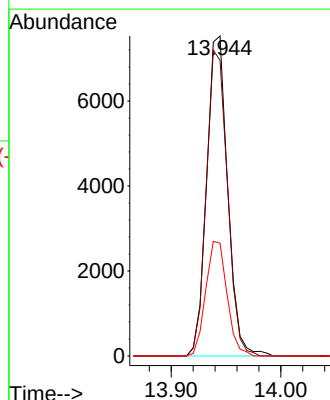
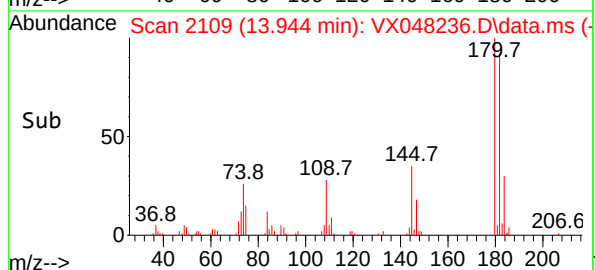
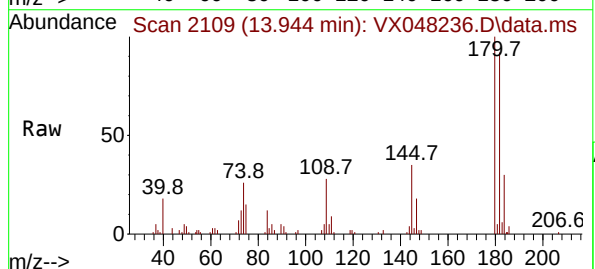
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#96
1,2,3-Trichlorobenzene
Concen: 4.906 ug/l
RT: 13.944 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:180 Resp: 10040
Ion Ratio Lower Upper
180 100
182 95.7 46.6 139.7
145 36.3 16.9 50.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
 Data File : VX048237.D
 Acq On : 20 Oct 2025 14:28
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102025

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/21/2025
 Supervised By : Semsettin Yesilyurt 10/21/2025

Quant Time: Oct 20 16:37:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	144715	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	229650	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	201397	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	99108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	92700	45.687	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.380%		
35) Dibromofluoromethane	5.367	113	76746	48.951	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.900%		
50) Toluene-d8	8.628	98	265898	48.386	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.780%		
62) 4-Bromofluorobenzene	11.061	95	97828	46.795	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.580%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	76365	51.331	ug/l	99
3) Chloromethane	1.301	50	74279	53.491	ug/l	99
4) Vinyl Chloride	1.380	62	71290	55.441	ug/l	99
5) Bromomethane	1.611	94	47863	54.847	ug/l	96
6) Chloroethane	1.691	64	42556	56.320	ug/l	95
7) Trichlorofluoromethane	1.892	101	128754	52.209	ug/l	97
8) Diethyl Ether	2.136	74	37292	53.742	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	83688	53.589	ug/l	96
10) Methyl Iodide	2.453	142	94222	47.994	ug/l	99
11) Tert butyl alcohol	2.934	59	45064	223.693	ug/l	98
12) 1,1-Dichloroethene	2.319	96	79070	52.043	ug/l	92
13) Acrolein	2.233	56	51257	249.473	ug/l	98
14) Allyl chloride	2.660	41	128896	51.099	ug/l	97
15) Acrylonitrile	3.050	53	182260	250.900	ug/l	100
16) Acetone	2.373	43	152988	219.789	ug/l	96
17) Carbon Disulfide	2.514	76	233630	48.792	ug/l	99
18) Methyl Acetate	2.697	43	71506	49.190	ug/l	94
19) Methyl tert-butyl Ether	3.105	73	254812	49.162	ug/l	98
20) Methylene Chloride	2.782	84	86610	51.066	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	85000	50.932	ug/l	96
22) Diisopropyl ether	3.745	45	259934	51.665	ug/l	99
23) Vinyl Acetate	3.709	43	1045584	260.168	ug/l	97
24) 1,1-Dichloroethane	3.599	63	150557	49.490	ug/l	99
25) 2-Butanone	4.532	43	209999	238.354	ug/l	97
26) 2,2-Dichloropropane	4.458	77	132433	48.230	ug/l	100
27) cis-1,2-Dichloroethene	4.471	96	98066	50.350	ug/l	96
28) Bromochloromethane	4.879	49	58764	46.587	ug/l	87
29) Tetrahydrofuran	4.977	42	127995	242.572	ug/l	95
30) Chloroform	5.074	83	157397	48.427	ug/l	99
31) Cyclohexane	5.458	56	132594	52.646	ug/l	92
32) 1,1,1-Trichloroethane	5.361	97	144706	48.309	ug/l	98
36) 1,1-Dichloropropene	5.672	75	109957	49.344	ug/l	100
37) Ethyl Acetate	4.690	43	88074	47.684	ug/l	98
38) Carbon Tetrachloride	5.659	117	132590	48.228	ug/l	99
39) Methylcyclohexane	7.360	83	138611	52.670	ug/l	94
40) Benzene	6.019	78	325041	50.241	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
 Data File : VX048237.D
 Acq On : 20 Oct 2025 14:28
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102025

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/21/2025
 Supervised By : Semsettin Yesilyurt 10/21/2025

Quant Time: Oct 20 16:37:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.891	41	48846	50.358	ug/l	95
42) 1,2-Dichloroethane	6.068	62	116893	48.963	ug/l	98
43) Isopropyl Acetate	6.318	43	151140	49.816	ug/l	95
44) Trichloroethene	7.104	130	86410	50.582	ug/l	96
45) 1,2-Dichloropropane	7.409	63	78439	50.994	ug/l	98
46) Dibromomethane	7.562	93	58616	48.913	ug/l	94
47) Bromodichloromethane	7.799	83	125388	48.459	ug/l	99
48) Methyl methacrylate	7.671	41	75812	49.519	ug/l	94
49) 1,4-Dioxane	7.635	88	20230	1000.197	ug/l	90
51) 4-Methyl-2-Pentanone	8.555	43	428393	244.897	ug/l	95
52) Toluene	8.702	92	205867	50.088	ug/l	99
53) t-1,3-Dichloropropene	8.958	75	124683	50.004	ug/l	100
54) cis-1,3-Dichloropropene	8.348	75	134360	49.944	ug/l	93
55) 1,1,2-Trichloroethane	9.134	97	75808	49.597	ug/l	98
56) Ethyl methacrylate	9.098	69	111702	49.964	ug/l	94
57) 1,3-Dichloropropane	9.287	76	128519	49.226	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.220	63	290992	242.124	ug/l	96
59) 2-Hexanone	9.409	43	300183	246.102	ug/l	96
60) Dibromochloromethane	9.500	129	97643	47.530	ug/l	99
61) 1,2-Dibromoethane	9.592	107	80363	49.319	ug/l	97
64) Tetrachloroethene	9.256	164	73198	48.686	ug/l	95
65) Chlorobenzene	10.061	112	226953	50.095	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.140	131	81561	49.014	ug/l	99
67) Ethyl Benzene	10.177	91	391830	50.798	ug/l	99
68) m/p-Xylenes	10.281	106	293516	102.416	ug/l	99
69) o-Xylene	10.622	106	139515	50.424	ug/l	99
70) Styrene	10.634	104	243341	51.651	ug/l	100
71) Bromoform	10.781	173	64170	48.250	ug/l #	99
73) Isopropylbenzene	10.945	105	373948	51.658	ug/l	100
74) N-amyl acetate	10.823	43	131979	51.399	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.195	83	98715	49.936	ug/l	98
76) 1,2,3-Trichloropropane	11.219	75	81093m	50.456	ug/l	
77) Bromobenzene	11.177	156	91000	50.135	ug/l	94
78) n-propylbenzene	11.287	91	435662	51.980	ug/l	99
79) 2-Chlorotoluene	11.341	91	257936	50.760	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	305027	50.918	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	33027	49.995	ug/l	96
82) 4-Chlorotoluene	11.433	91	304670	50.507	ug/l	98
83) tert-Butylbenzene	11.695	119	309524	50.288	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	308529	51.607	ug/l	100
85) sec-Butylbenzene	11.872	105	379368	51.230	ug/l	100
86) p-Isopropyltoluene	11.988	119	324425	50.686	ug/l	100
87) 1,3-Dichlorobenzene	11.951	146	165027	48.229	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	168102	47.423	ug/l	99
89) n-Butylbenzene	12.311	91	289706	49.728	ug/l	99
90) Hexachloroethane	12.518	117	61223	48.437	ug/l	95
91) 1,2-Dichlorobenzene	12.317	146	157812	49.123	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	19691	49.072	ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	101983	46.941	ug/l	99
94) Hexachlorobutadiene	13.707	225	39299	48.274	ug/l	99
95) Naphthalene	13.756	128	289882	50.362	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	96139	48.223	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048237.D
Acq On : 20 Oct 2025 14:28
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

Quant Time: Oct 20 16:37:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
 Data File : VX048237.D
 Acq On : 20 Oct 2025 14:28
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

MSVOA_X

Client SampleId :

ICVVX102025

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025

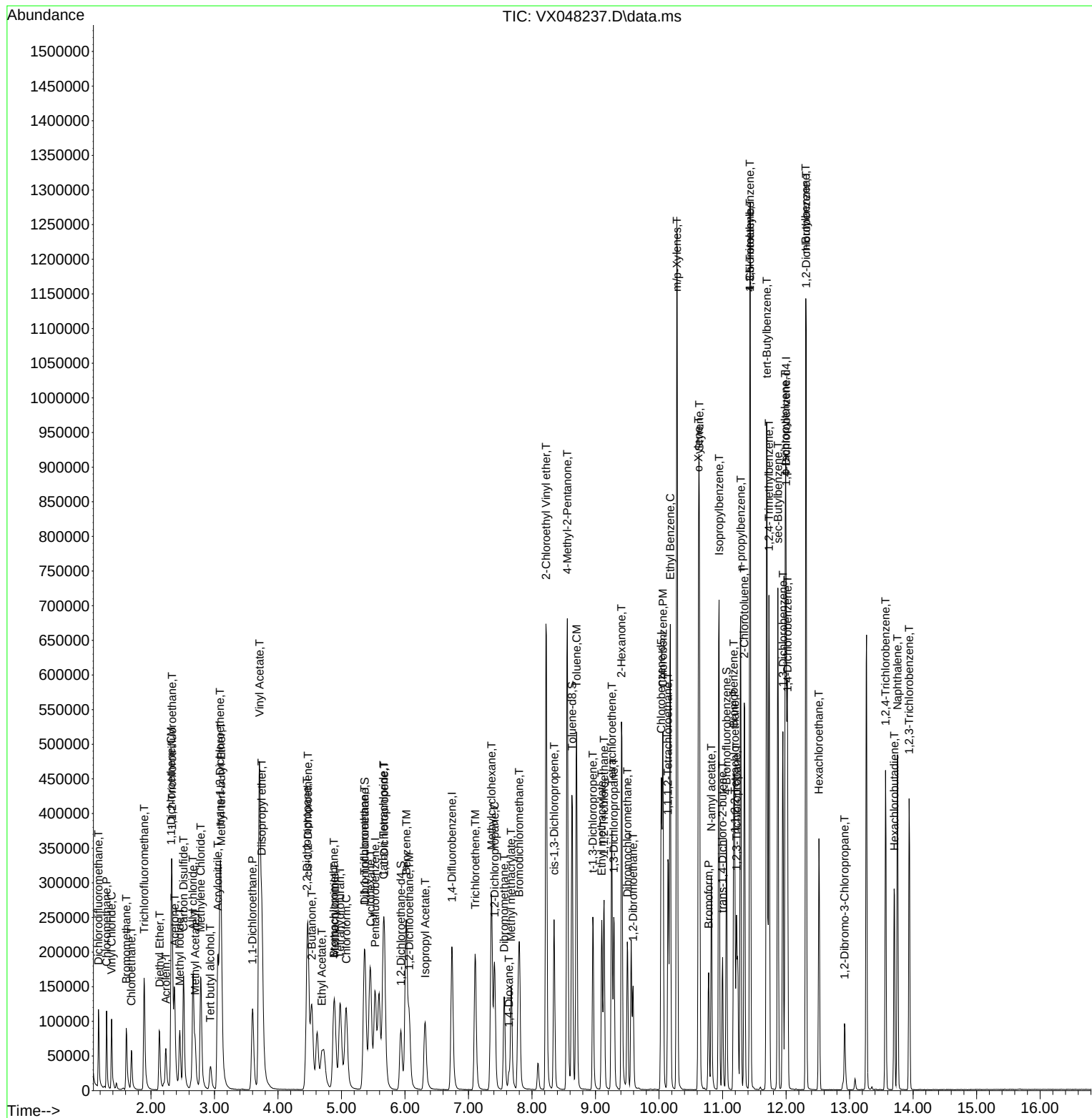
Quant Time: Oct 20 16:37:21 2025

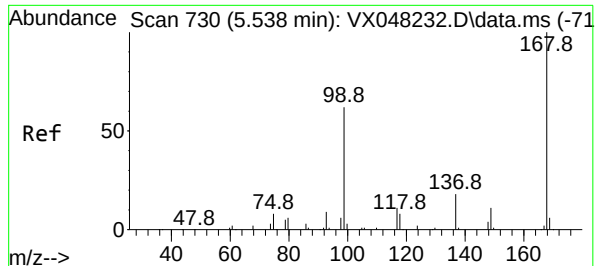
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M

Quant Title : SW846 8260

QLast Update : Mon Oct 20 14:13:59 2025

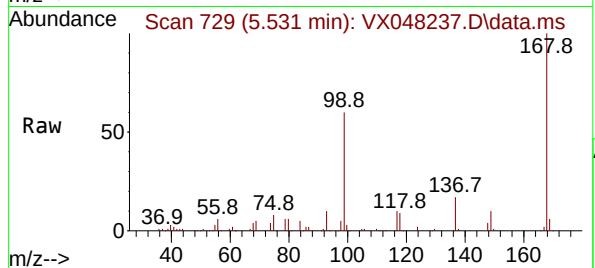
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.013 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

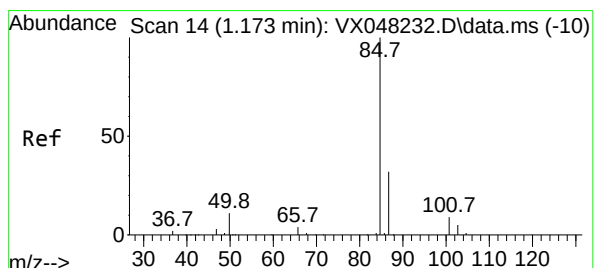
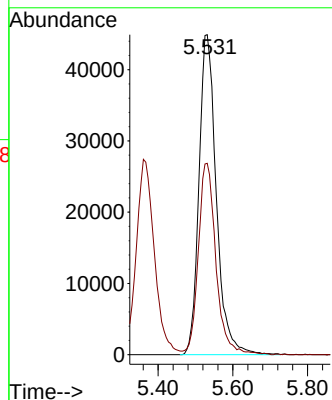
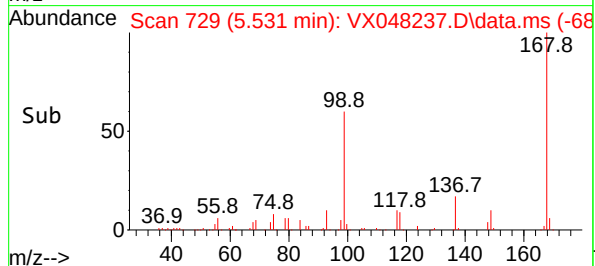
Instrument :
MSVOA_X
ClientSampleId :
ICVX102025



Tgt Ion:168 Resp: 144715
Ion Ratio Lower Upper
168 100
99 59.7 46.4 69.6

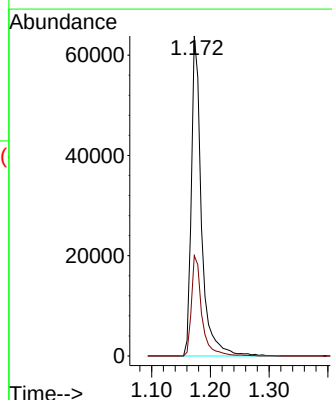
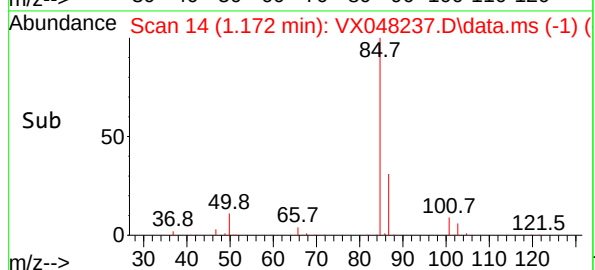
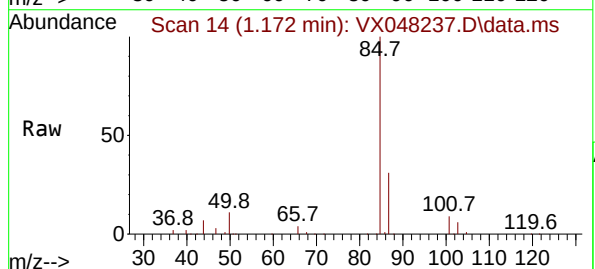
Manual Integrations
APPROVED

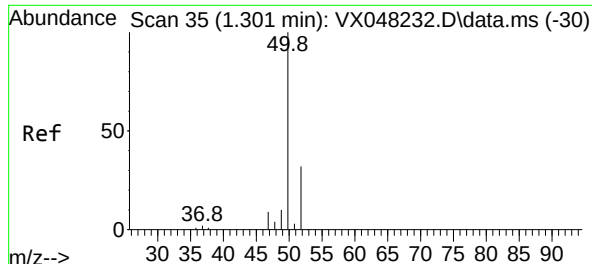
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#2
Dichlorodifluoromethane
Concen: 51.331 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

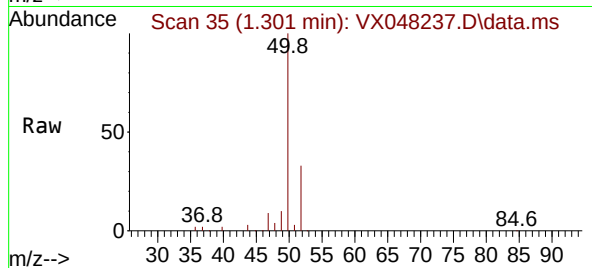
Tgt Ion: 85 Resp: 76365
Ion Ratio Lower Upper
85 100
87 31.4 15.3 45.9





#3
Chloromethane
Concen: 53.491 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

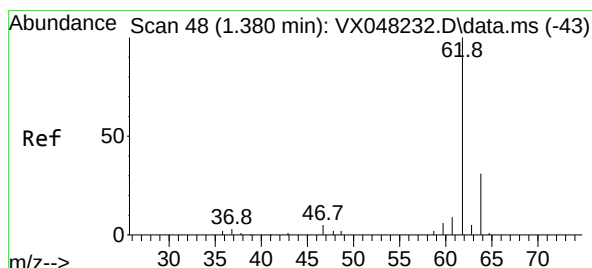
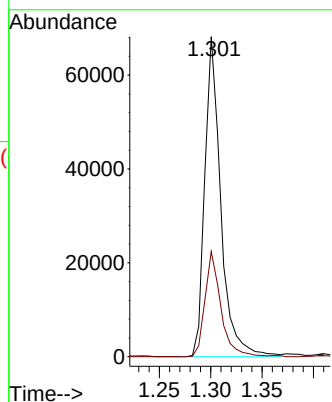
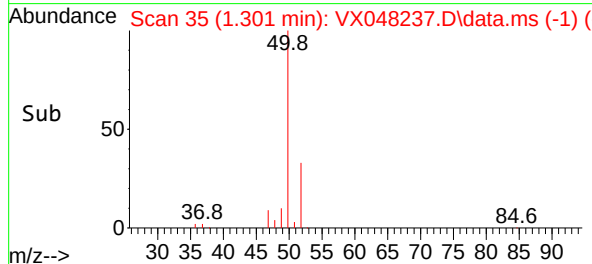
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025



Tgt Ion: 50 Resp: 74279
Ion Ratio Lower Upper
50 100
52 32.9 25.9 38.9

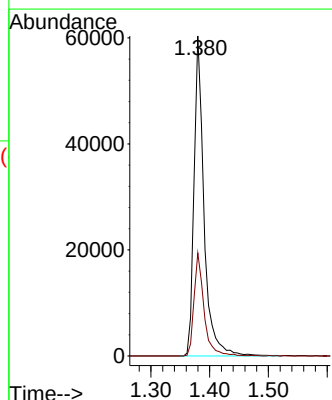
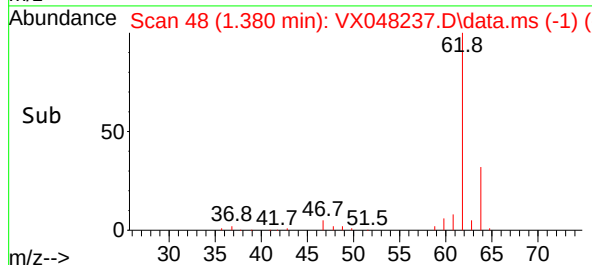
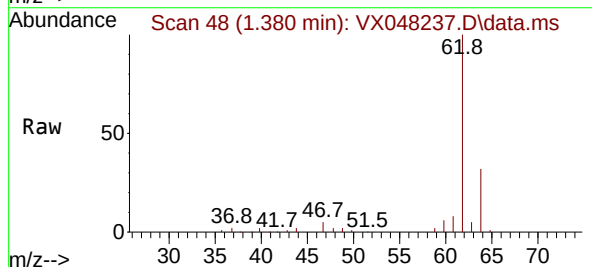
Manual Integrations
APPROVED

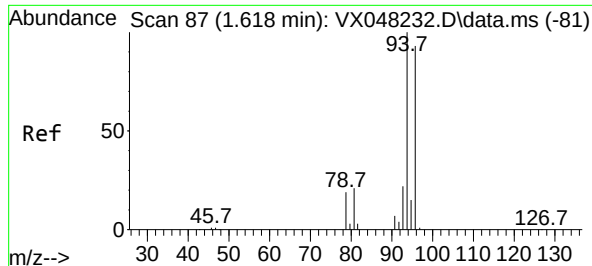
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#4
Vinyl Chloride
Concen: 55.441 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 62 Resp: 71290
Ion Ratio Lower Upper
62 100
64 32.2 25.1 37.7





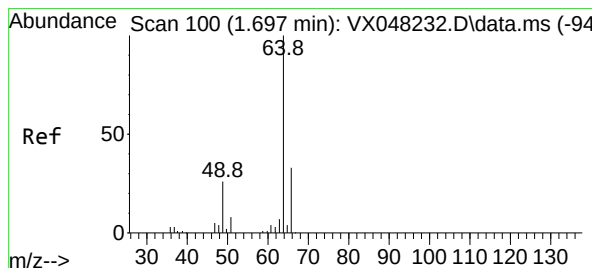
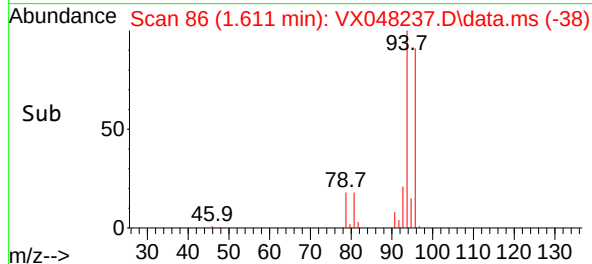
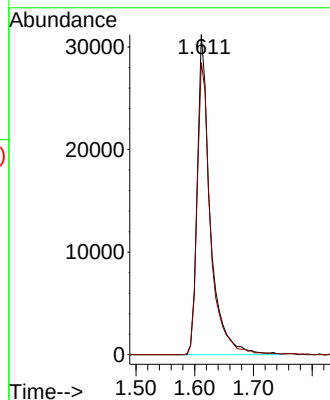
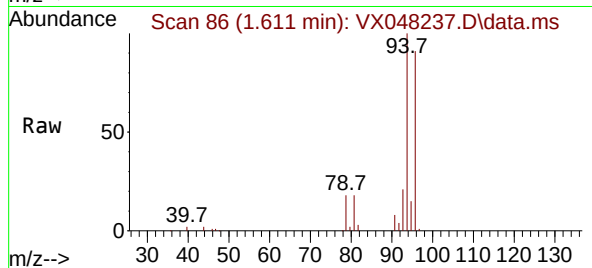
#5
Bromomethane
Concen: 54.847 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion: 94 Resp: 4786
Ion Ratio Lower Upper
94 100
96 91.2 76.0 114.0

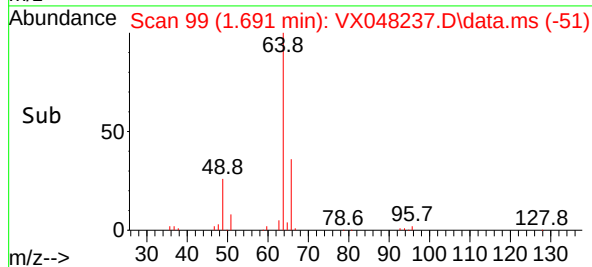
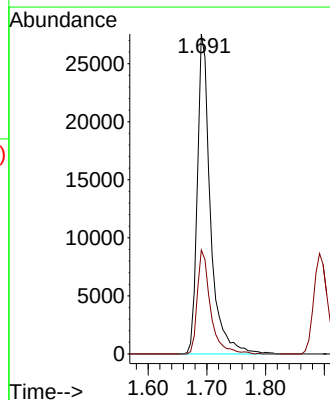
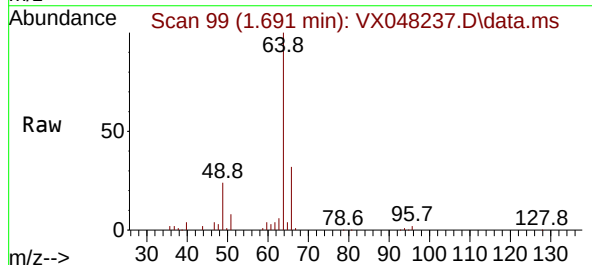
Manual Integrations
APPROVED

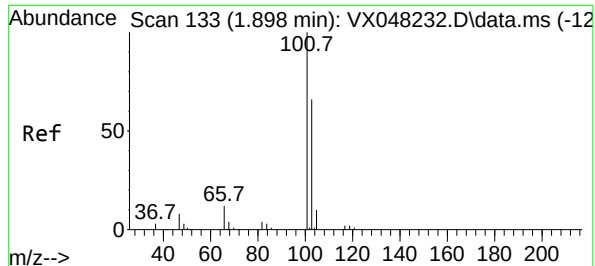
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#6
Chloroethane
Concen: 56.320 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

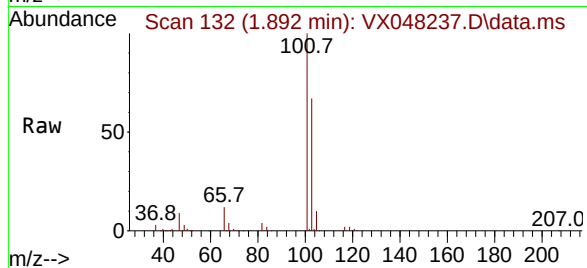
Tgt Ion: 64 Resp: 42556
Ion Ratio Lower Upper
64 100
66 32.5 23.9 35.9





#7
Trichlorofluoromethane
Concen: 52.209 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

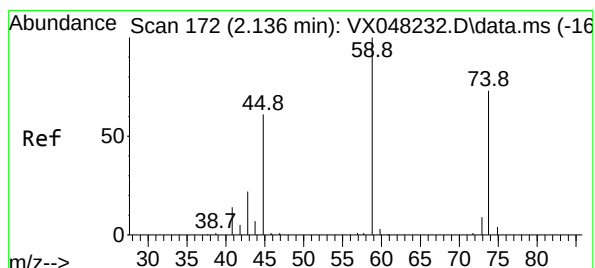
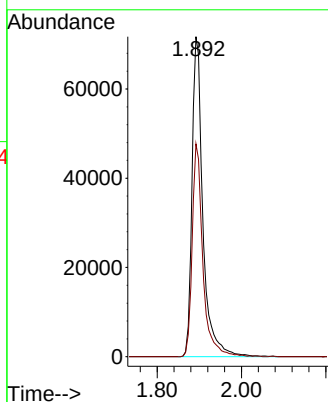
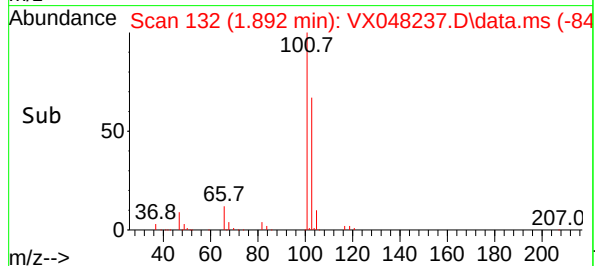
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025



Tgt Ion:101 Resp: 128754
Ion Ratio Lower Upper
101 100
103 66.5 51.6 77.4

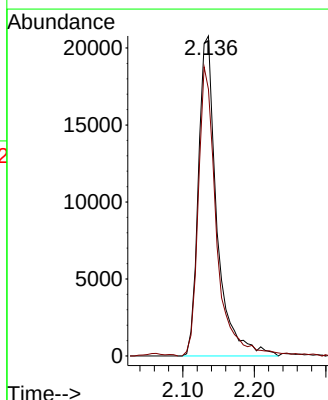
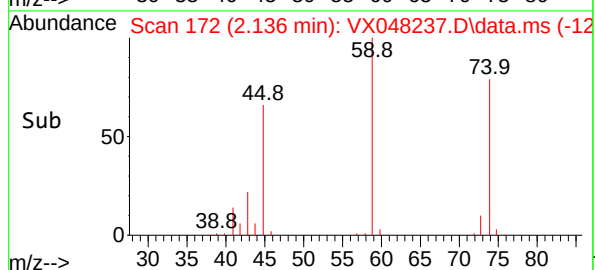
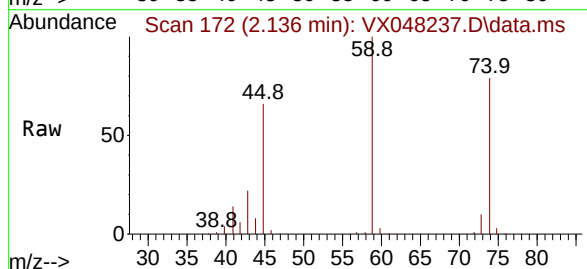
Manual Integrations
APPROVED

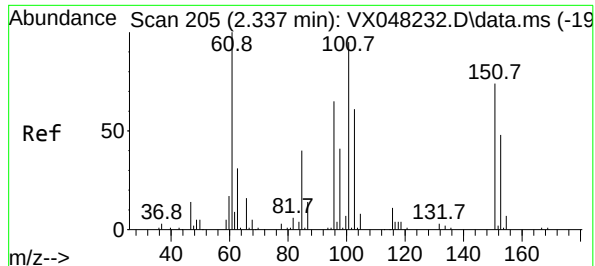
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#8
Diethyl Ether
Concen: 53.742 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

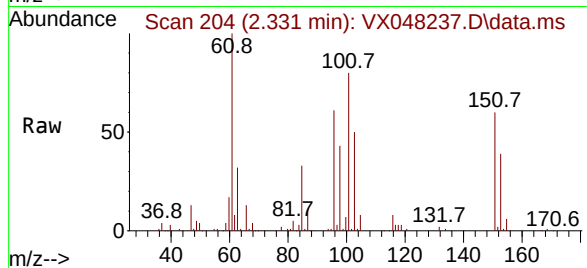
Tgt Ion: 74 Resp: 37292
Ion Ratio Lower Upper
74 100
45 89.3 50.0 149.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.589 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

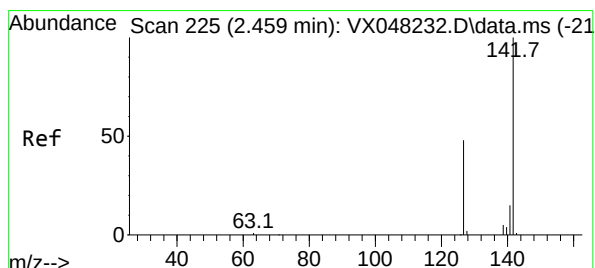
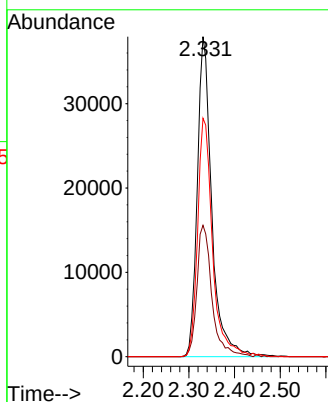
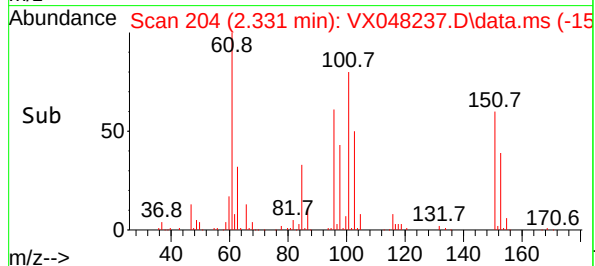
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025



Tgt Ion:101 Resp: 8368
Ion Ratio Lower Upper
101 100
85 42.4 35.6 53.4
151 76.9 58.0 87.0

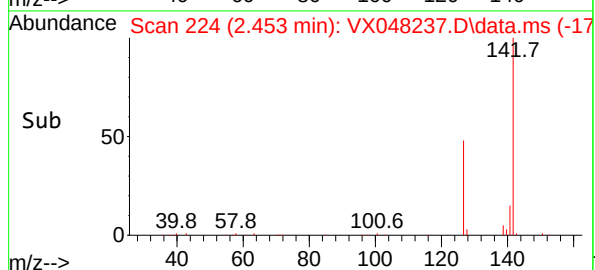
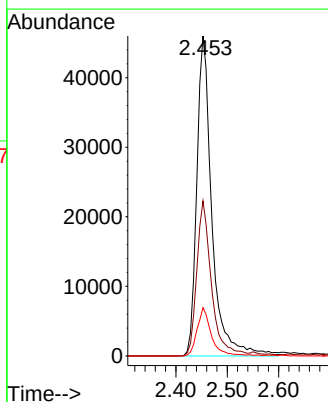
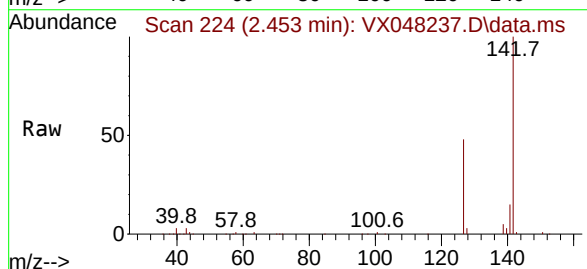
Manual Integrations
APPROVED

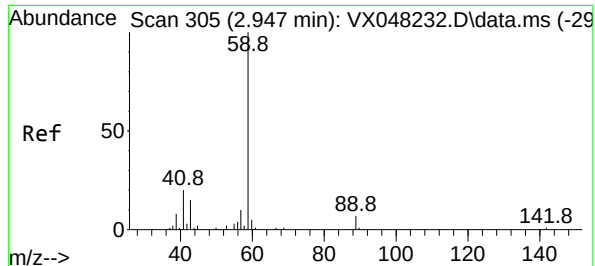
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#10
Methyl Iodide
Concen: 47.994 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:142 Resp: 94222
Ion Ratio Lower Upper
142 100
127 46.9 38.5 57.7
141 14.3 11.6 17.4





#11

Tert butyl alcohol

Concen: 223.693 ug/l

RT: 2.934 min Scan# 30

Delta R.T. -0.006 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

Instrument :

MSVOA_X

ClientSampleId :

ICVX102025

Tgt Ion: 59 Resp: 45064

Ion Ratio Lower Upper

59 100

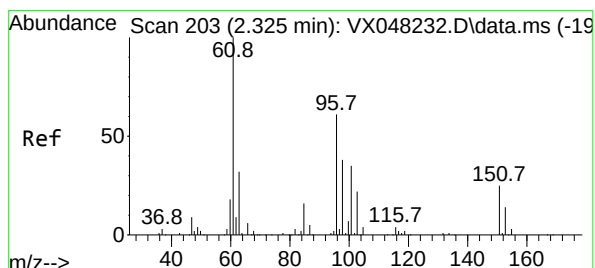
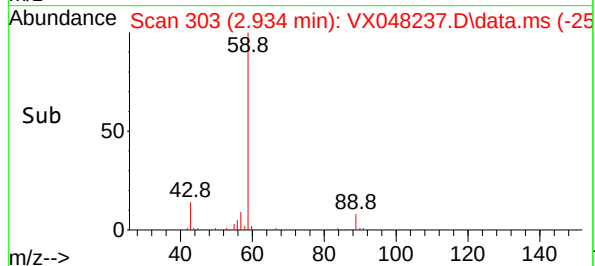
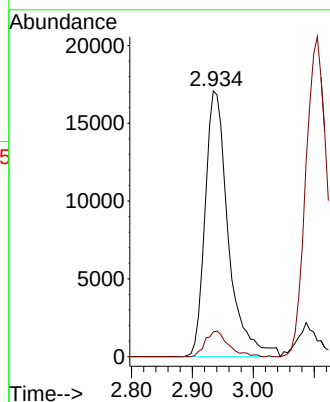
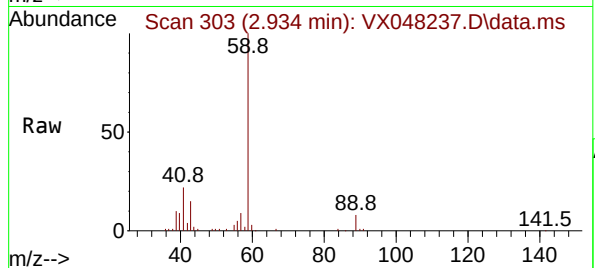
57 9.6 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#12

1,1-Dichloroethene

Concen: 52.043 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.006 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

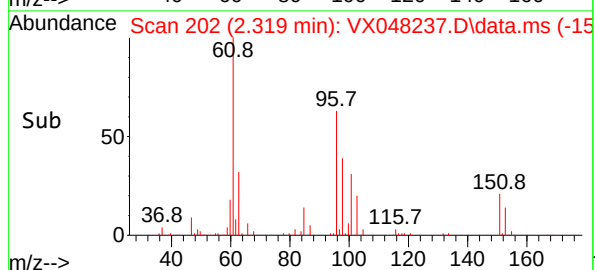
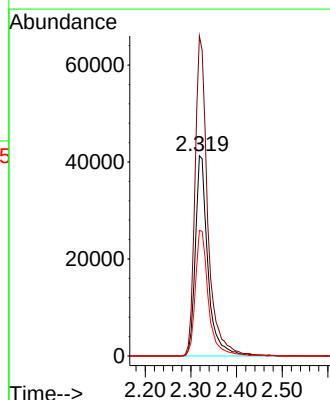
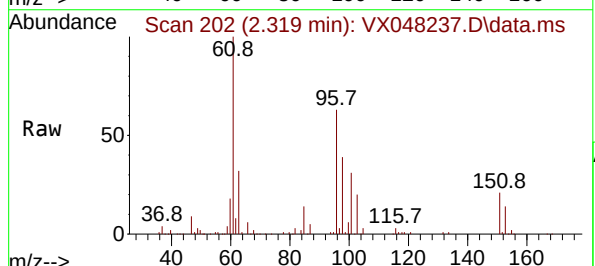
Tgt Ion: 96 Resp: 79070

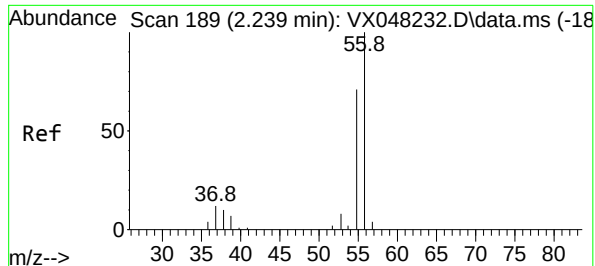
Ion Ratio Lower Upper

96 100

61 159.8 139.0 208.6

98 62.7 52.4 78.6





#13

Acrolein

Concen: 249.473 ug/l

RT: 2.233 min Scan# 189

Delta R.T. -0.000 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

Instrument :

MSVOA_X

ClientSampleId :

ICVX102025

Tgt Ion: 56 Resp: 5125

Ion Ratio Lower Upper

56 100

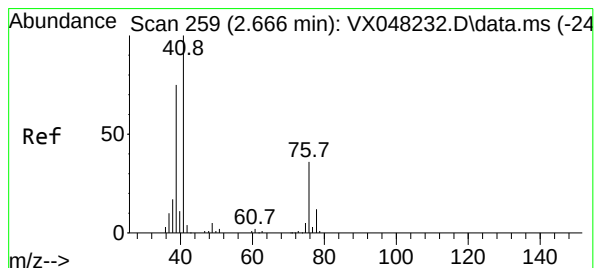
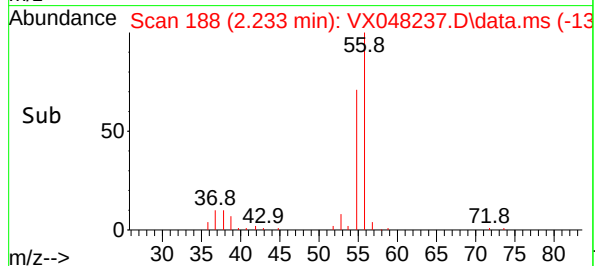
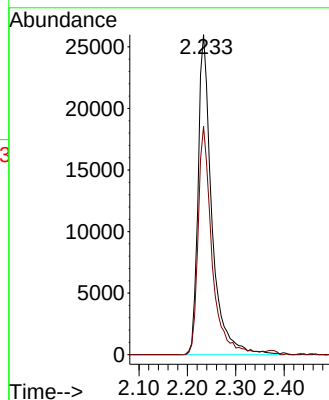
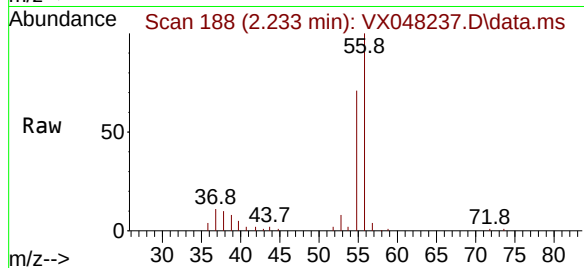
55 71.7 56.1 84.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#14

Allyl chloride

Concen: 51.099 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.006 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

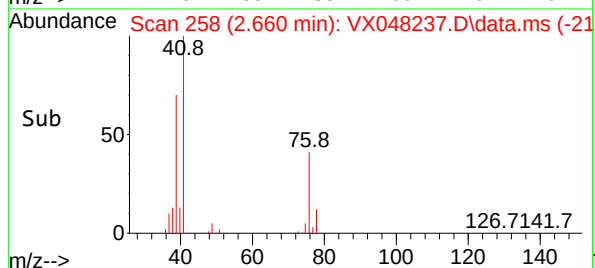
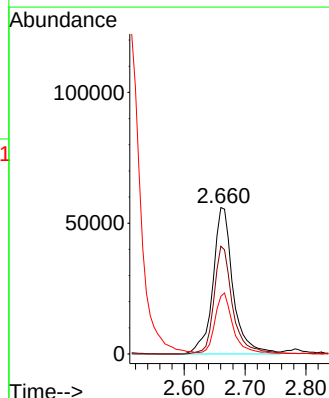
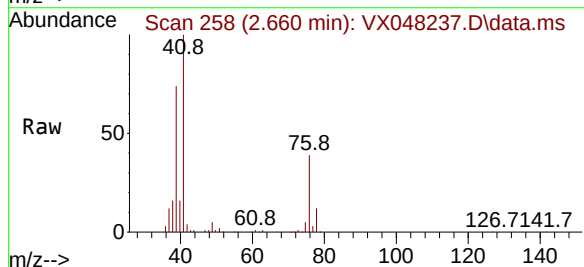
Tgt Ion: 41 Resp: 128896

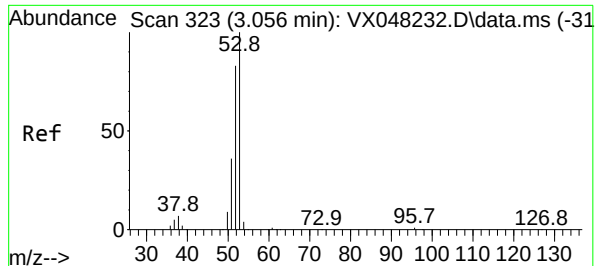
Ion Ratio Lower Upper

41 100

39 68.0 56.0 84.0

76 37.0 27.5 41.3





#15

Acrylonitrile

Concen: 250.900 ug/l

RT: 3.050 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

Instrument :

MSVOA_X

ClientSampleId :

ICVX102025

Tgt Ion: 53 Resp: 182260

Ion Ratio Lower Upper

53 100

52 82.6 66.1 99.1

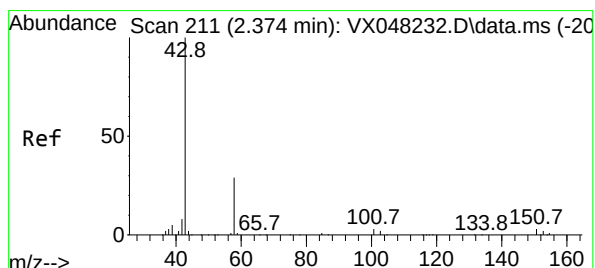
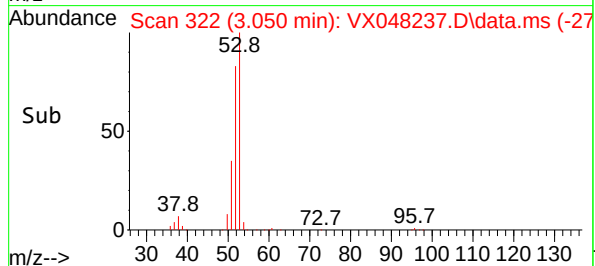
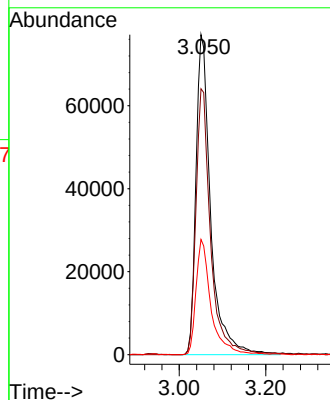
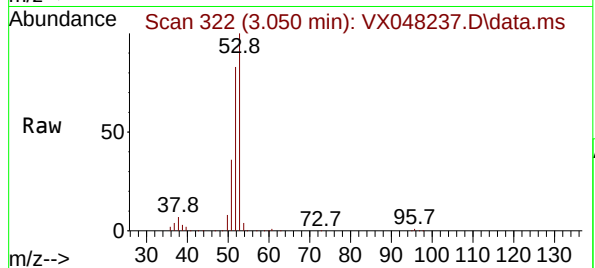
51 36.8 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#16

Acetone

Concen: 219.789 ug/l

RT: 2.373 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX048237.D

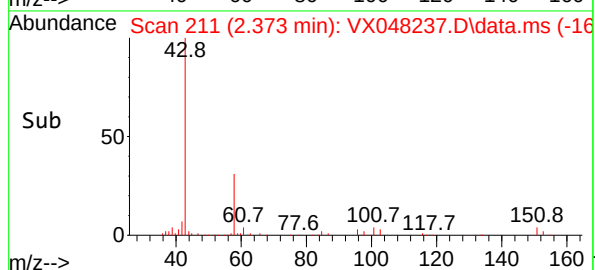
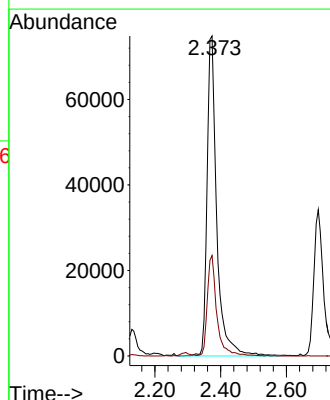
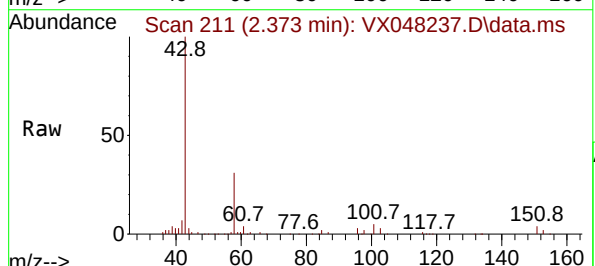
Acq: 20 Oct 2025 14:28

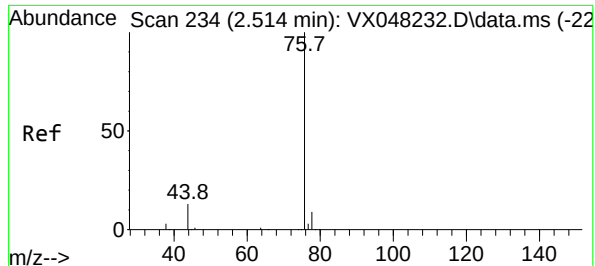
Tgt Ion: 43 Resp: 152988

Ion Ratio Lower Upper

43 100

58 31.4 23.4 35.2





#17

Carbon Disulfide

Concen: 48.792 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

Instrument :

MSVOA_X

ClientSampleId :

ICVX102025

Tgt Ion: 76 Resp: 233630

Ion Ratio Lower Upper

76 100

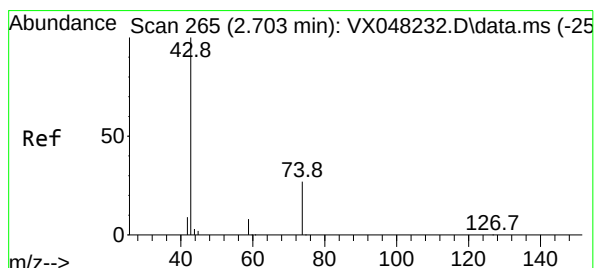
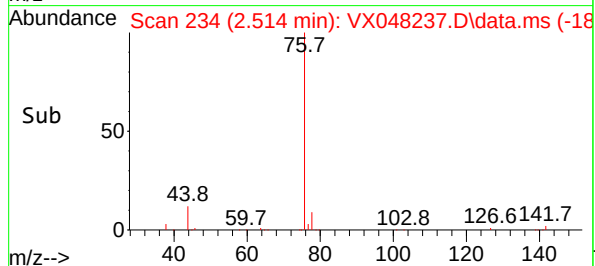
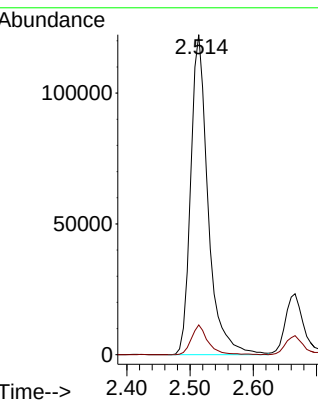
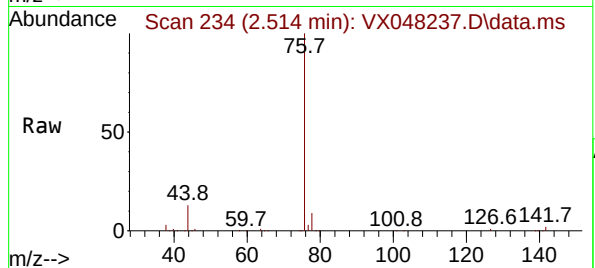
78 9.3 7.1 10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#18

Methyl Acetate

Concen: 49.190 ug/l

RT: 2.697 min Scan# 264

Delta R.T. -0.000 min

Lab File: VX048237.D

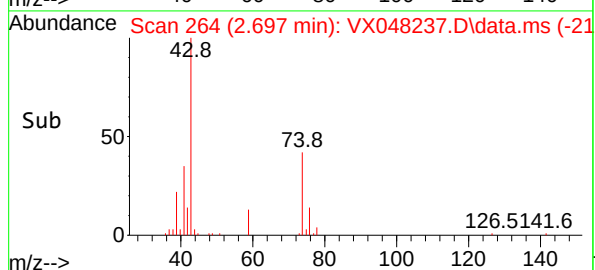
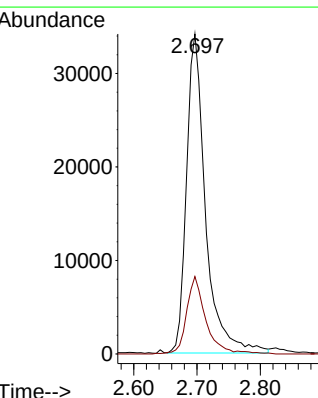
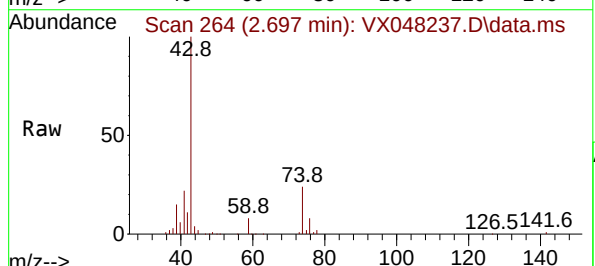
Acq: 20 Oct 2025 14:28

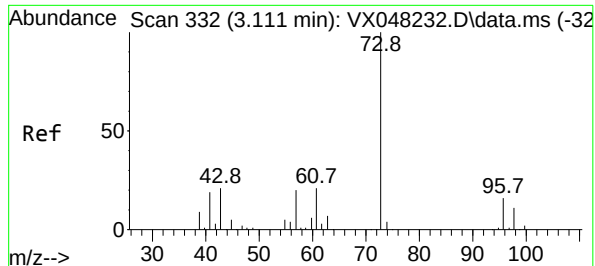
Tgt Ion: 43 Resp: 71506

Ion Ratio Lower Upper

43 100

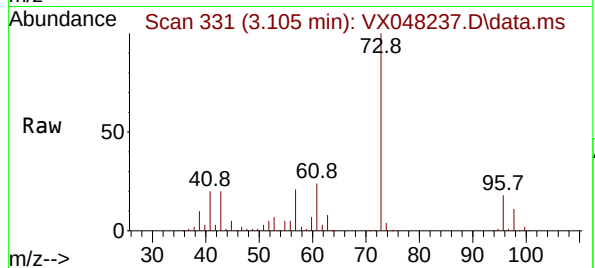
74 24.7 17.5 26.3





#19
Methyl tert-butyl Ether
Concen: 49.162 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

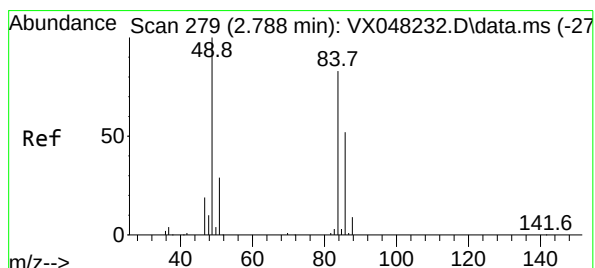
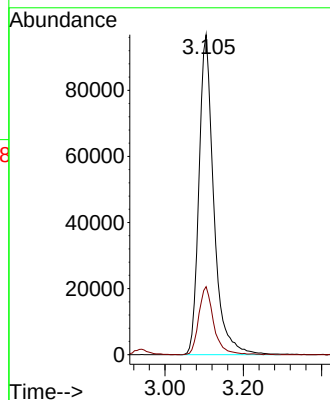
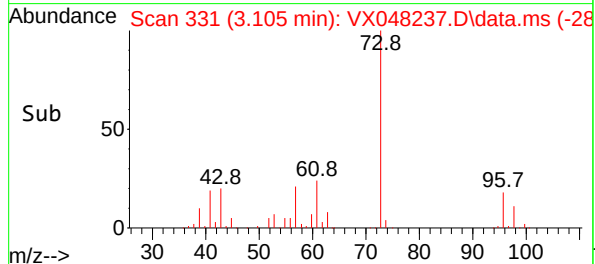
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025



Tgt Ion: 73 Resp: 25481
Ion Ratio Lower Upper
73 100
57 21.2 17.7 26.5

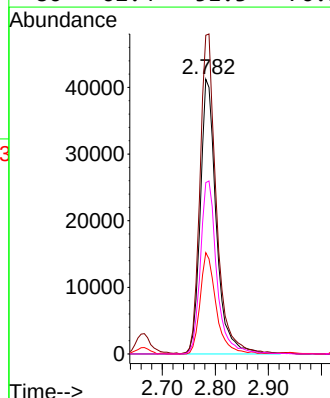
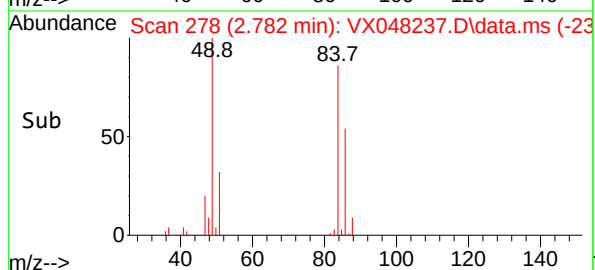
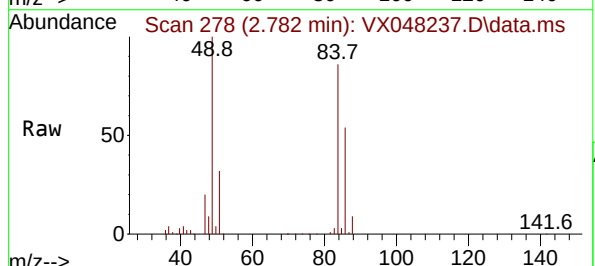
Manual Integrations
APPROVED

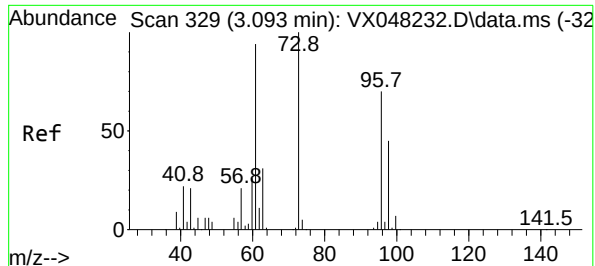
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#20
Methylene Chloride
Concen: 51.066 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 84 Resp: 86610
Ion Ratio Lower Upper
84 100
49 116.0 104.1 156.1
51 36.8 31.3 46.9
86 62.4 51.3 76.9





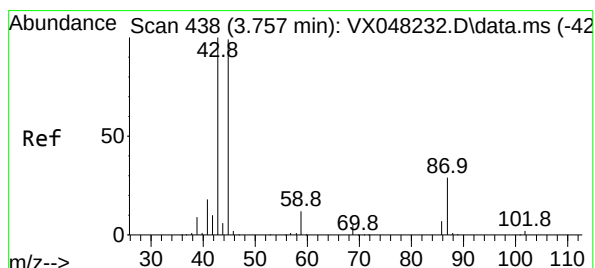
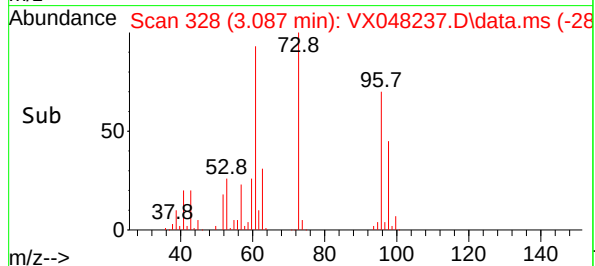
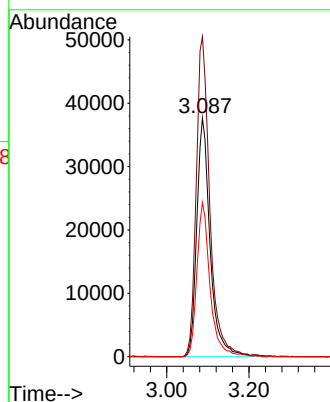
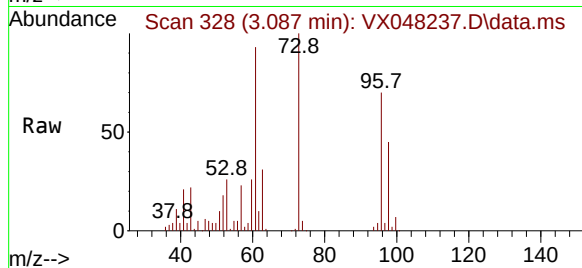
#21
trans-1,2-Dichloroethene
Concen: 50.932 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVX102025

Tgt Ion: 96 Resp: 85000
Ion Ratio Lower Upper
96 100
61 134.2 111.9 167.9
98 64.7 51.2 76.8

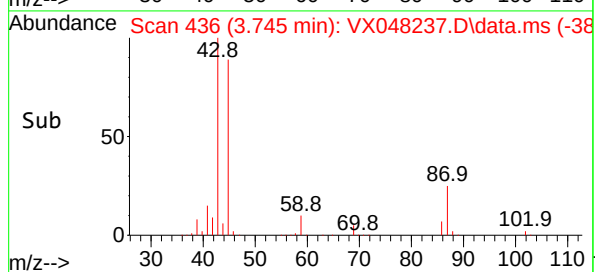
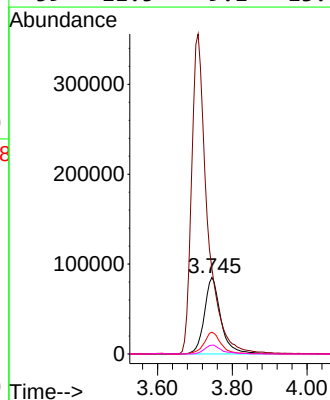
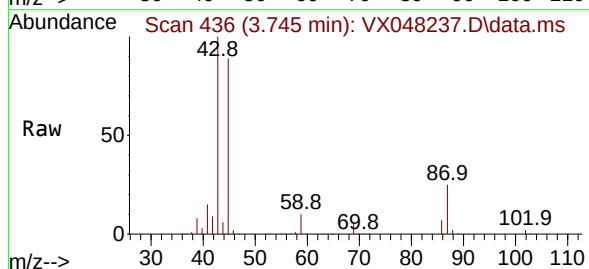
Manual Integrations
APPROVED

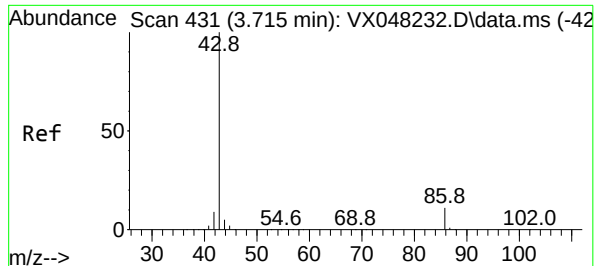
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#22
Diisopropyl ether
Concen: 51.665 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 45 Resp: 259934
Ion Ratio Lower Upper
45 100
43 111.4 89.8 134.8
87 28.3 20.6 31.0
59 11.5 9.1 13.7





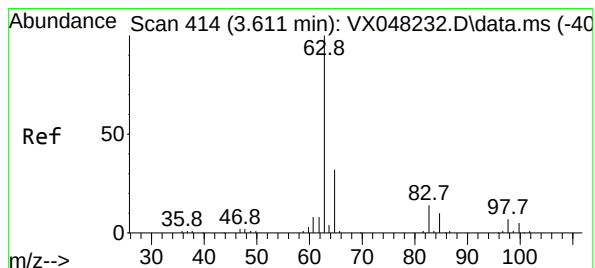
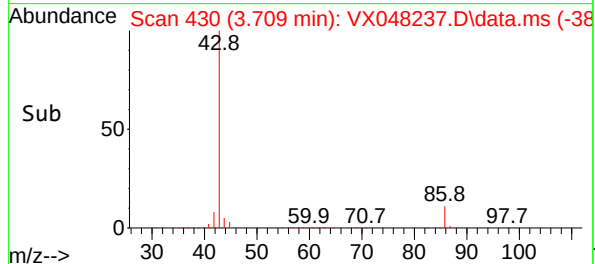
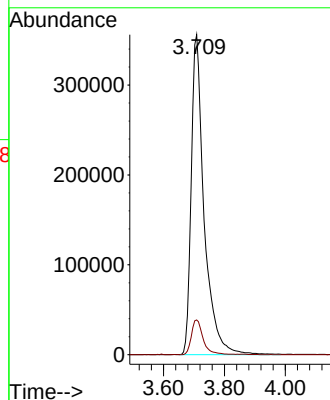
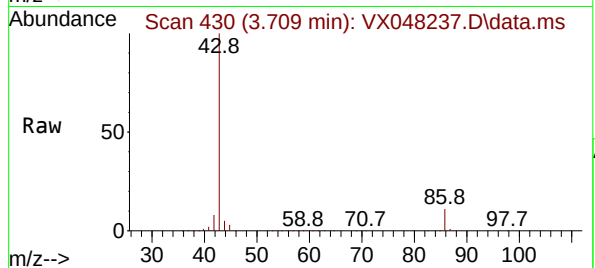
#23
Vinyl Acetate
Concen: 260.168 ug/l
RT: 3.709 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVX102025

Tgt Ion: 43 Resp: 1045584
Ion Ratio Lower Upper
43 100
86 10.9 7.9 11.9

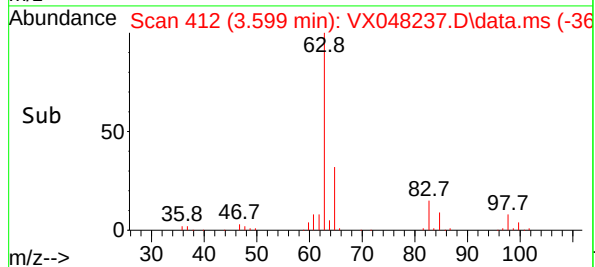
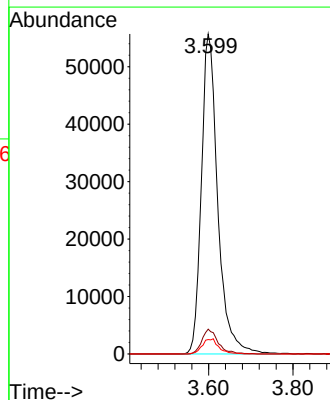
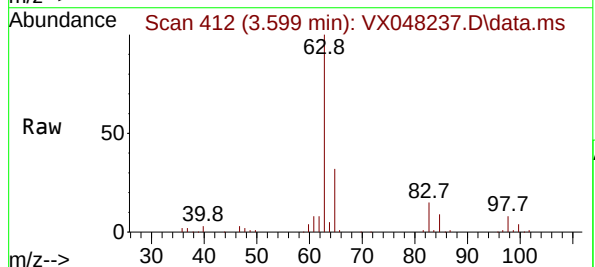
Manual Integrations
APPROVED

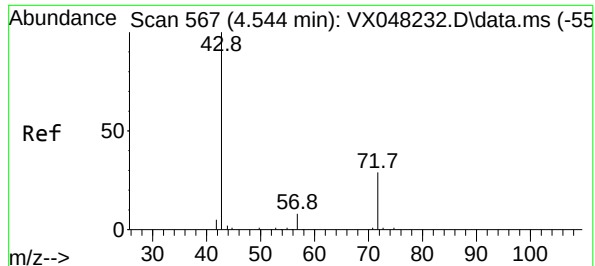
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#24
1,1-Dichloroethane
Concen: 49.490 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 63 Resp: 150557
Ion Ratio Lower Upper
63 100
98 7.7 3.5 10.6
100 4.5 2.1 6.3





#25

2-Butanone

Concen: 238.354 ug/l

RT: 4.532 min Scan# 50

Delta R.T. -0.006 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

Instrument :

MSVOA_X

ClientSampleId :

ICVX102025

Tgt Ion: 43 Resp: 209999

Ion Ratio Lower Upper

43 100

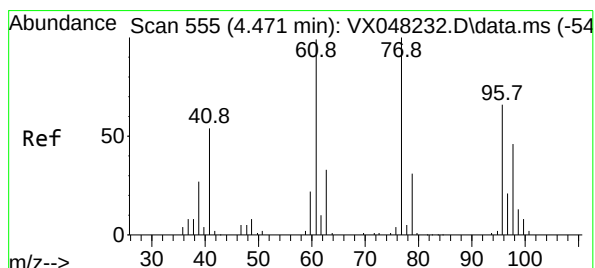
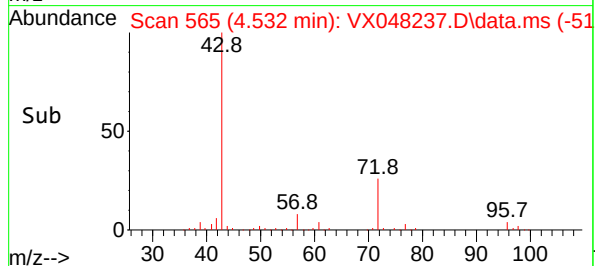
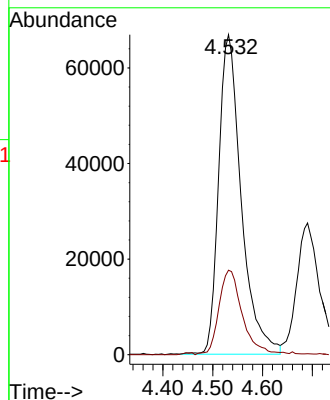
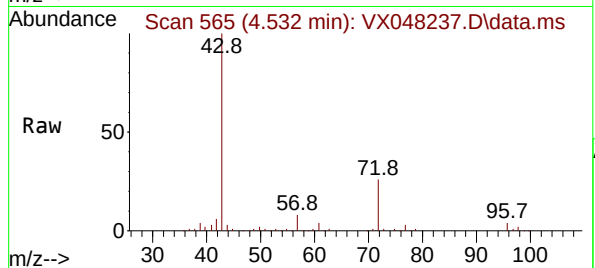
72 26.3 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#26

2,2-Dichloropropane

Concen: 48.230 ug/l

RT: 4.458 min Scan# 553

Delta R.T. -0.006 min

Lab File: VX048237.D

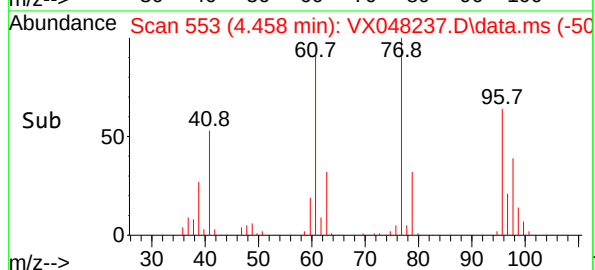
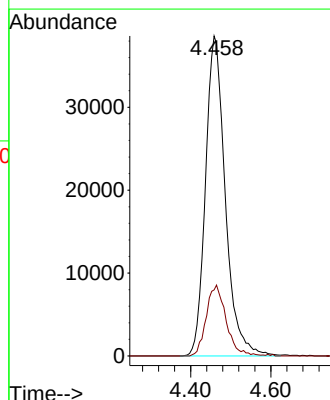
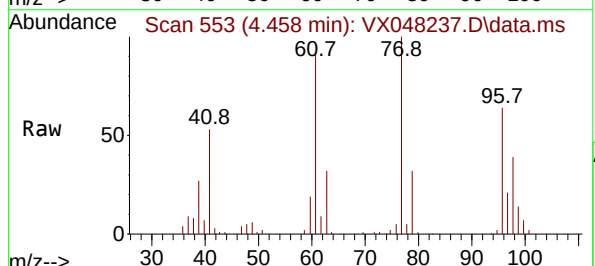
Acq: 20 Oct 2025 14:28

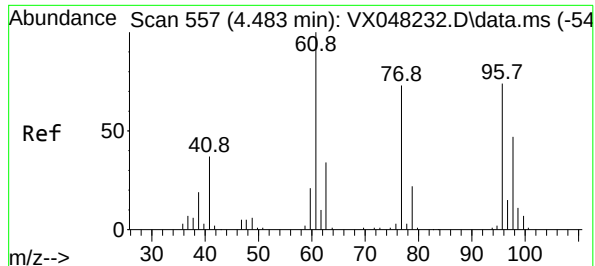
Tgt Ion: 77 Resp: 132433

Ion Ratio Lower Upper

77 100

97 22.1 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 50.350 ug/l

RT: 4.471 min Scan# 51

Delta R.T. -0.012 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

Instrument :

MSVOA_X

ClientSampleId :

ICVX102025

Tgt Ion: 96 Resp: 9806

Ion Ratio Lower Upper

96 100

61 140.3 0.0 294.2

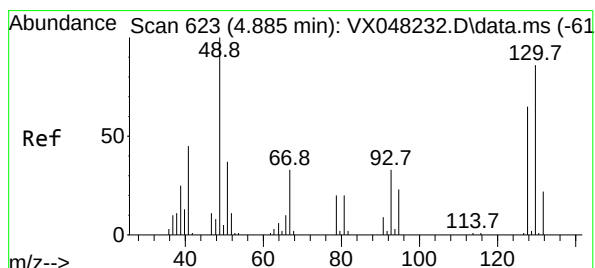
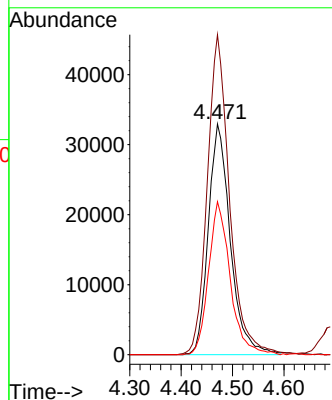
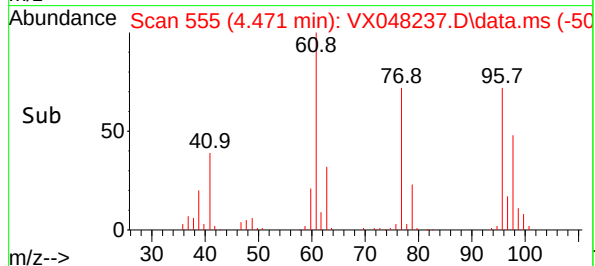
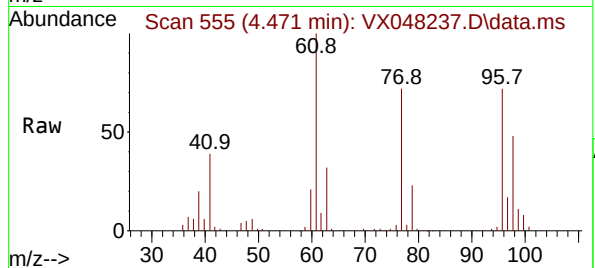
98 65.2 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#28

Bromochloromethane

Concen: 46.587 ug/l

RT: 4.879 min Scan# 622

Delta R.T. -0.006 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

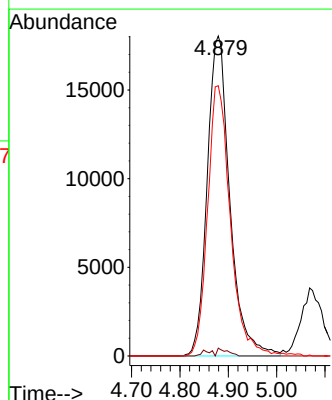
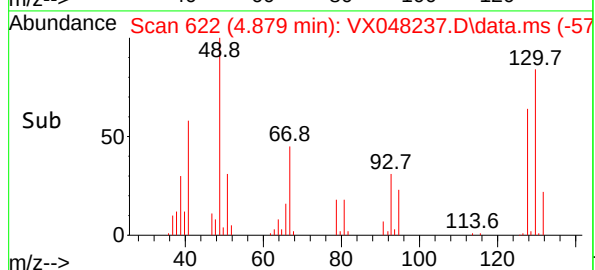
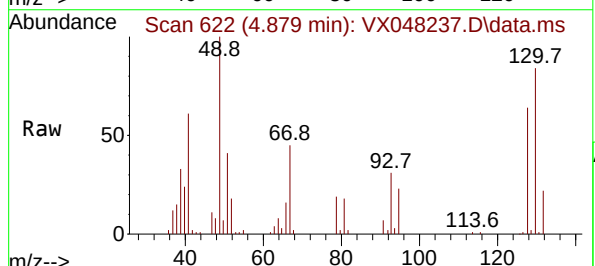
Tgt Ion: 49 Resp: 58764

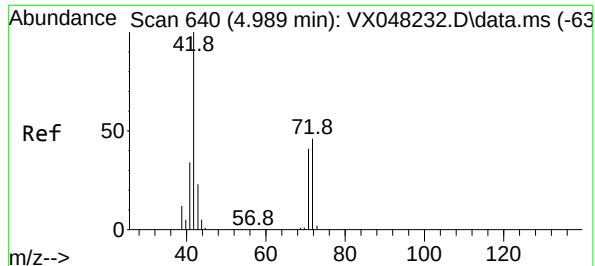
Ion Ratio Lower Upper

49 100

129 1.1 0.0 4.4

130 85.1 59.3 88.9





#29

Tetrahydrofuran

Concen: 242.572 ug/l

RT: 4.977 min Scan# 61

Delta R.T. -0.012 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

Instrument :

MSVOA_X

ClientSampleId :

ICVX102025

Tgt Ion: 42 Resp: 12799

Ion Ratio Lower Upper

42 100

72 47.4 35.3 52.9

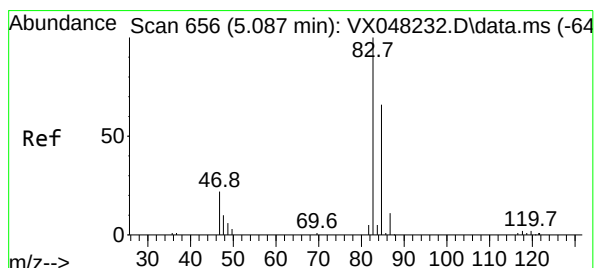
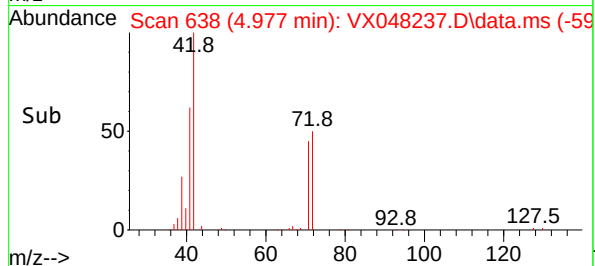
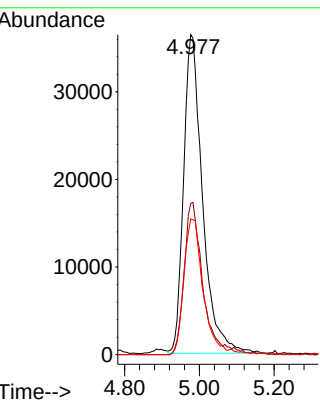
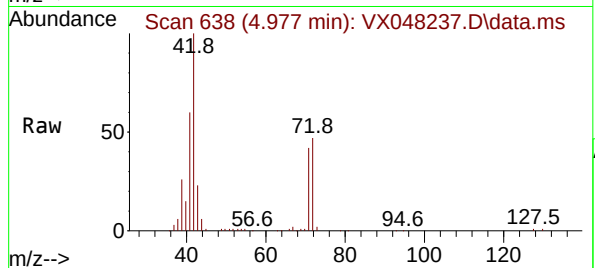
71 43.8 32.2 48.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#30

Chloroform

Concen: 48.427 ug/l

RT: 5.074 min Scan# 654

Delta R.T. -0.006 min

Lab File: VX048237.D

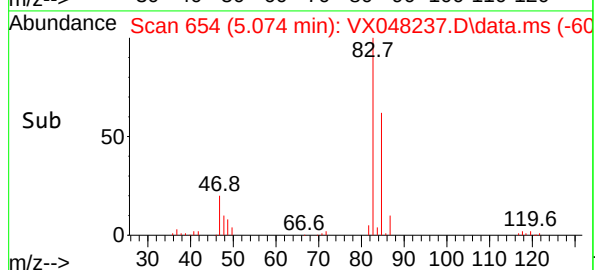
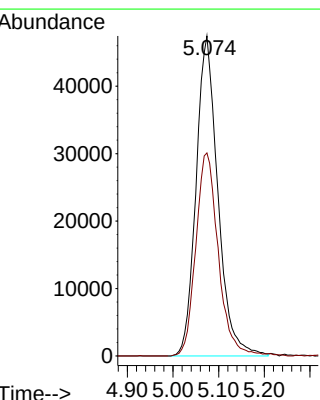
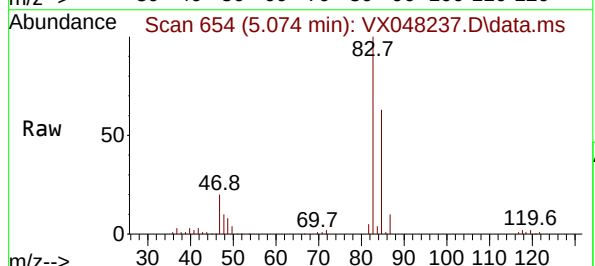
Acq: 20 Oct 2025 14:28

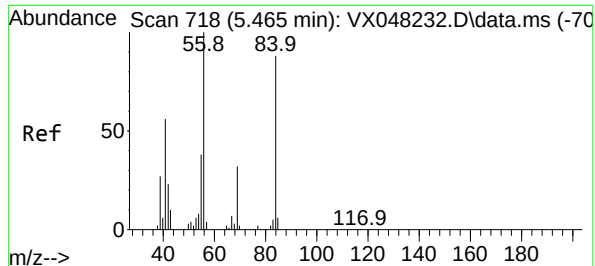
Tgt Ion: 83 Resp: 157397

Ion Ratio Lower Upper

83 100

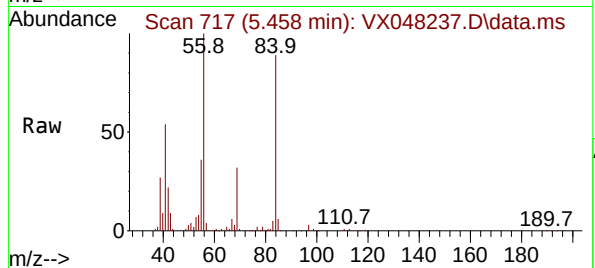
85 63.4 50.1 75.1





#31
Cyclohexane
Concen: 52.646 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

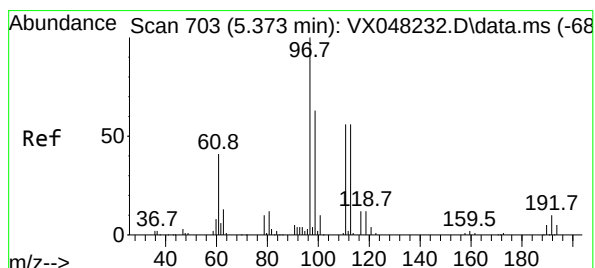
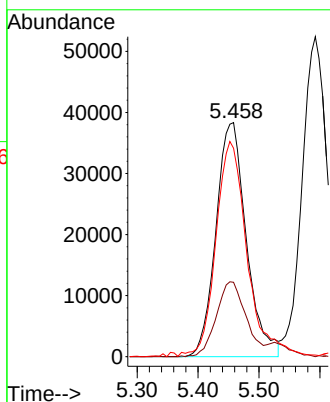
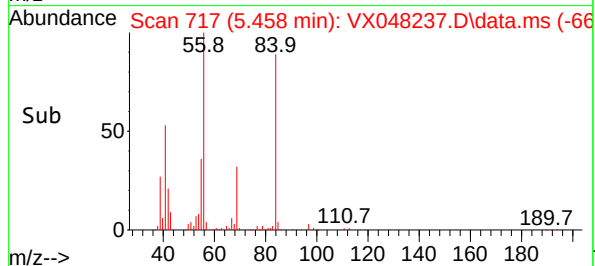
Instrument :
MSVOA_X
ClientSampleId :
ICVX102025



Tgt Ion: 56 Resp: 132594
Ion Ratio Lower Upper
56 100
69 31.8 23.0 34.6
84 88.9 64.6 97.0

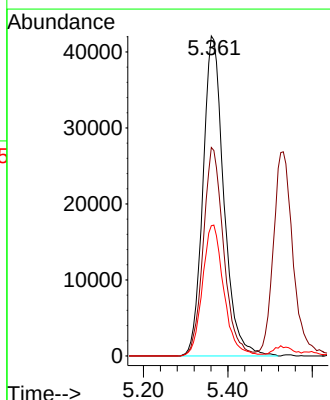
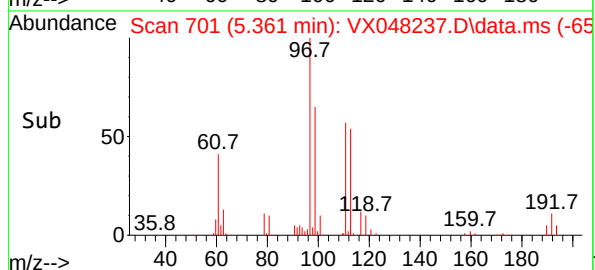
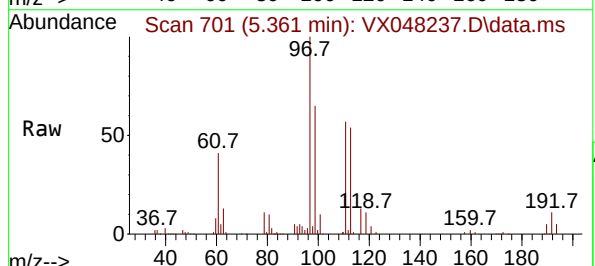
Manual Integrations
APPROVED

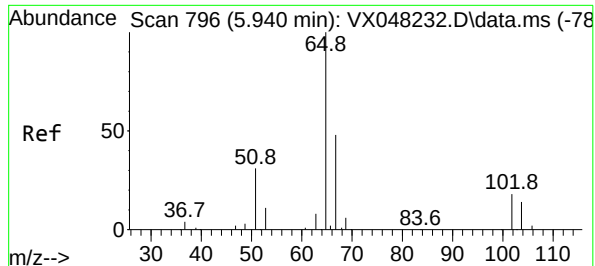
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#32
1,1,1-Trichloroethane
Concen: 48.309 ug/l
RT: 5.361 min Scan# 701
Delta R.T. -0.012 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 97 Resp: 144706
Ion Ratio Lower Upper
97 100
99 64.0 51.7 77.5
61 41.8 34.8 52.2





#33

1,2-Dichloroethane-d4

Concen: 45.687 ug/l

RT: 5.934 min Scan# 796

Delta R.T. -0.006 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

Instrument :

MSVOA_X

ClientSampleId :

ICVX102025

Tgt Ion: 65 Resp: 92700

Ion Ratio Lower Upper

65 100

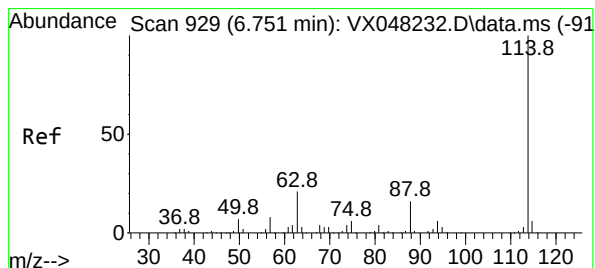
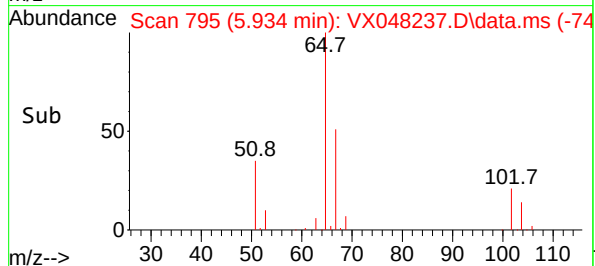
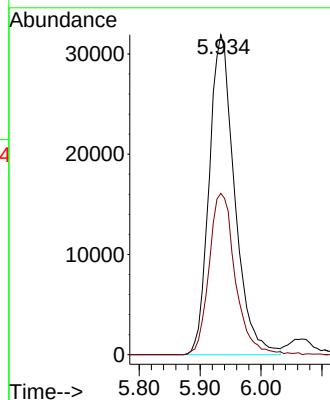
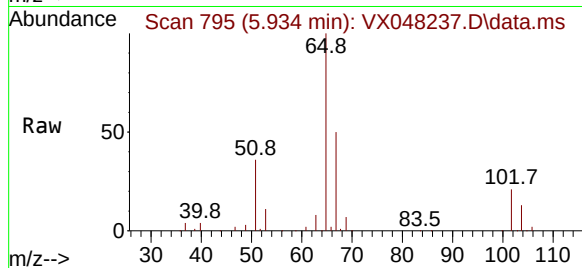
67 51.9 0.0 105.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.739 min Scan# 927

Delta R.T. -0.006 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

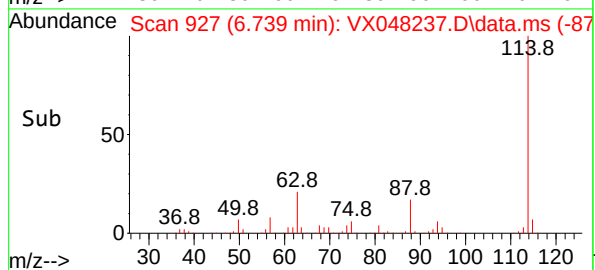
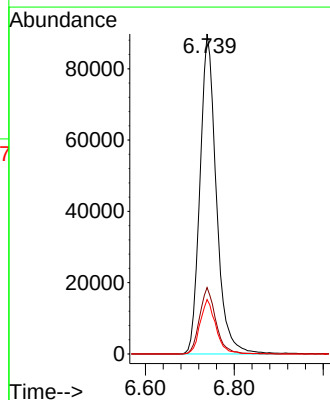
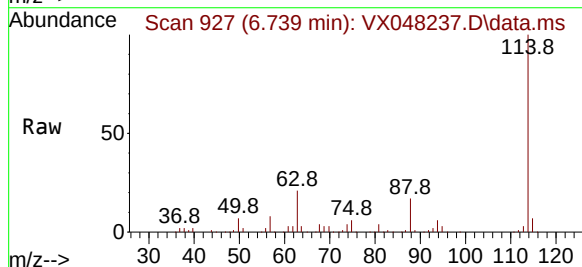
Tgt Ion:114 Resp: 229650

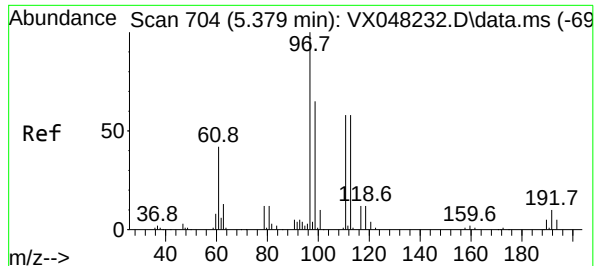
Ion Ratio Lower Upper

114 100

63 23.6 0.0 43.2

88 17.0 0.0 33.6





#35

Dibromofluoromethane

Concen: 48.951 ug/l

RT: 5.367 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

Instrument :

MSVOA_X

ClientSampleId :

ICVX102025

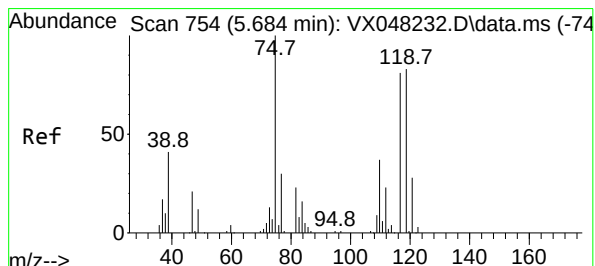
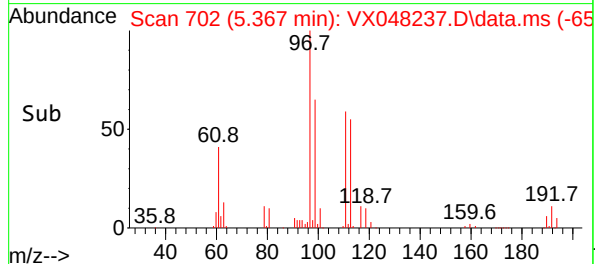
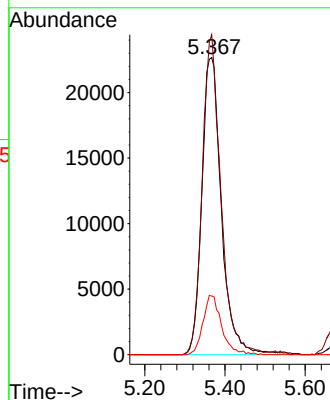
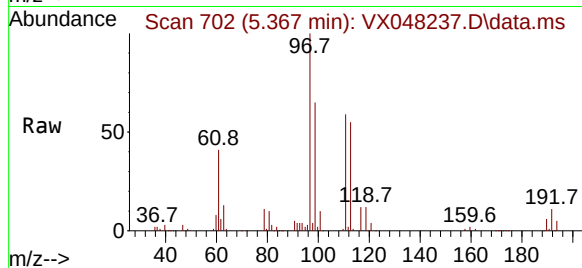
Tgt Ion:	113	Resp:	76740
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.2	123.4
192	19.0	15.1	22.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#36

1,1-Dichloropropene

Concen: 49.344 ug/l

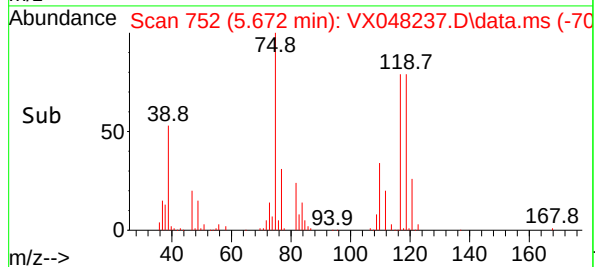
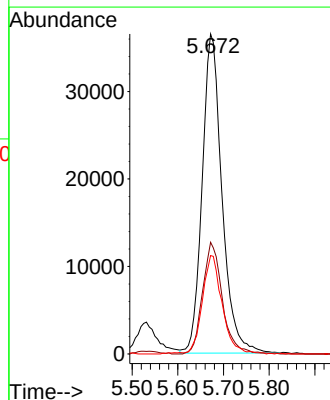
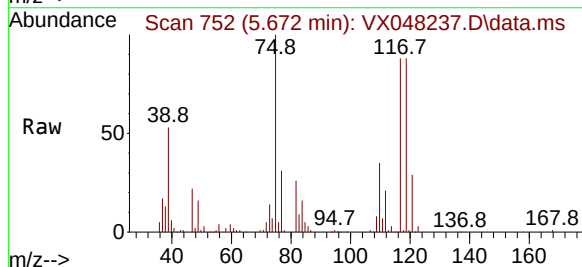
RT: 5.672 min Scan# 752

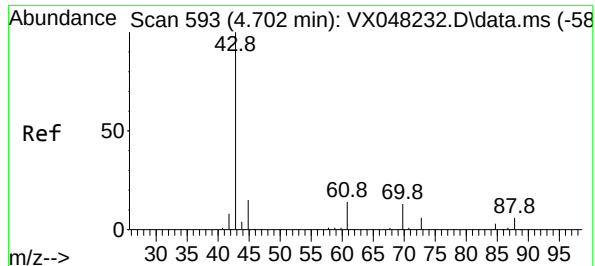
Delta R.T. -0.012 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

Tgt Ion:	75	Resp:	109957
Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.7	53.1
77	30.4	24.3	36.5





#37

Ethyl Acetate

Concen: 47.684 ug/l

RT: 4.690 min Scan# 591

Delta R.T. -0.006 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

Instrument :

MSVOA_X

ClientSampleId :

ICVX102025

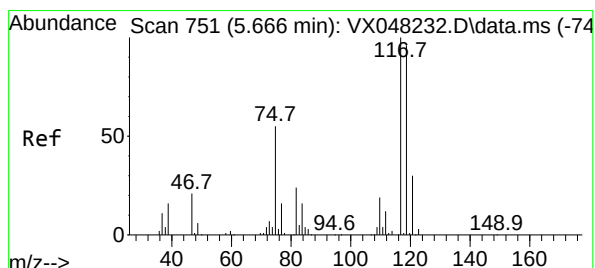
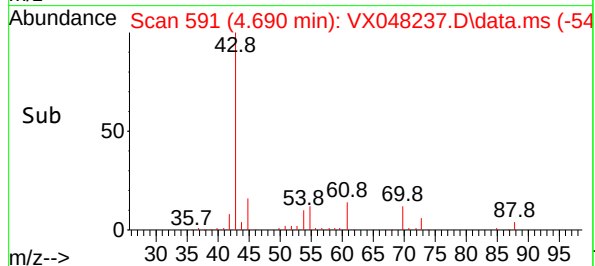
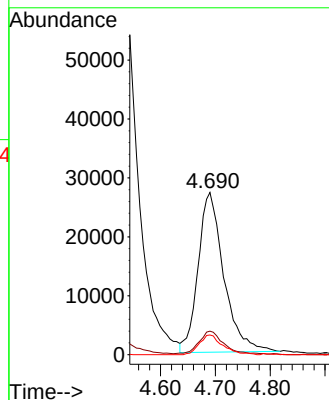
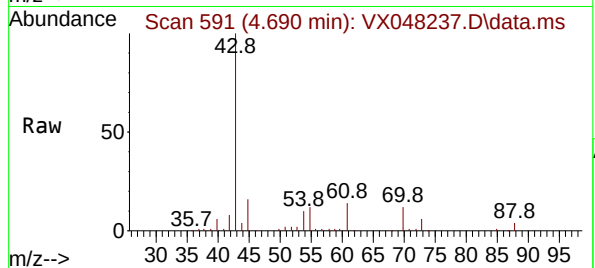
Tgt Ion:	43	Resp:	88074
Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.6	15.8
70	11.2	7.8	11.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#38

Carbon Tetrachloride

Concen: 48.228 ug/l

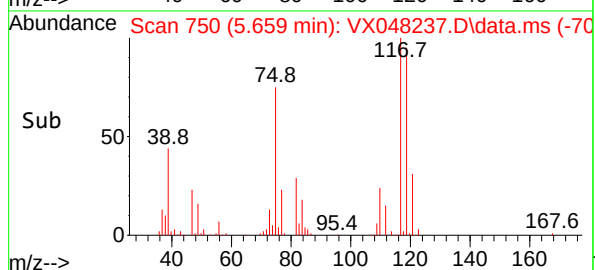
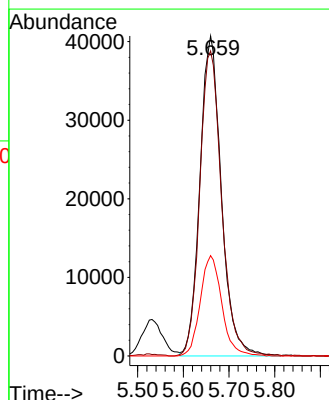
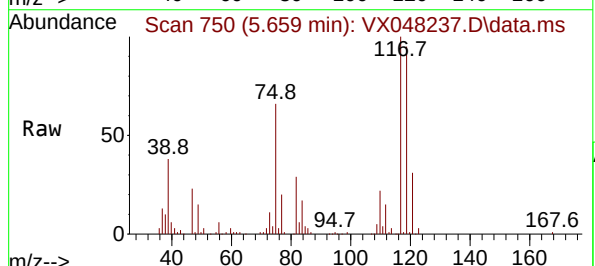
RT: 5.659 min Scan# 750

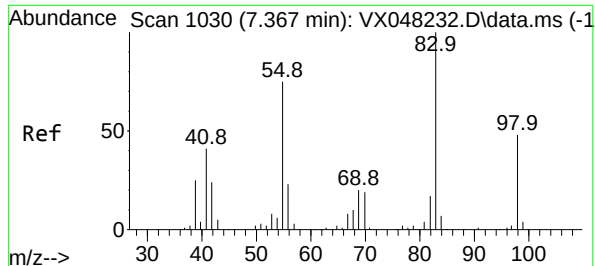
Delta R.T. -0.006 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

Tgt Ion:	117	Resp:	132590
Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.2	115.8
121	31.4	24.8	37.2





#39

Methylcyclohexane

Concen: 52.670 ug/l

RT: 7.360 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

Instrument :

MSVOA_X

ClientSampleId :

ICVX102025

Tgt Ion: 83 Resp: 13861

Ion Ratio Lower Upper

83 100

55 74.6 66.2 99.2

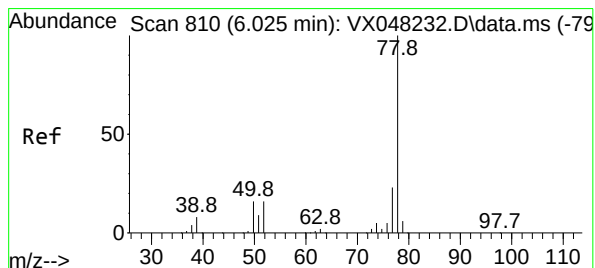
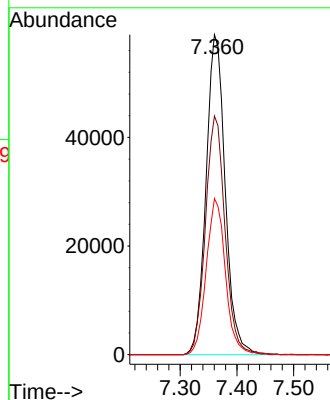
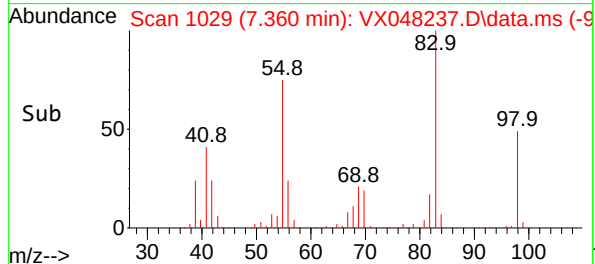
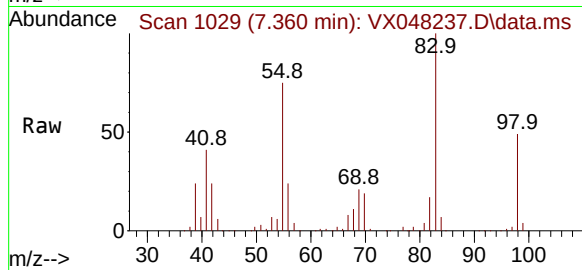
98 48.8 38.9 58.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#40

Benzene

Concen: 50.241 ug/l

RT: 6.019 min Scan# 809

Delta R.T. -0.006 min

Lab File: VX048237.D

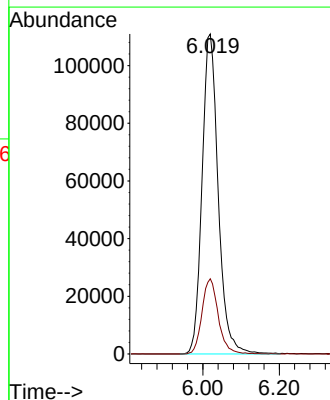
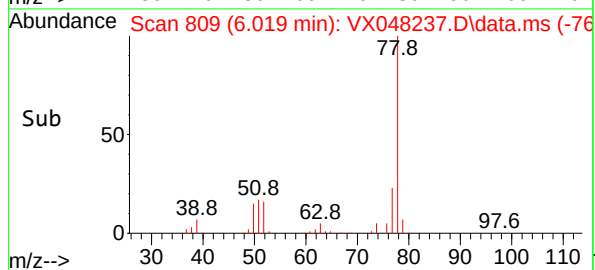
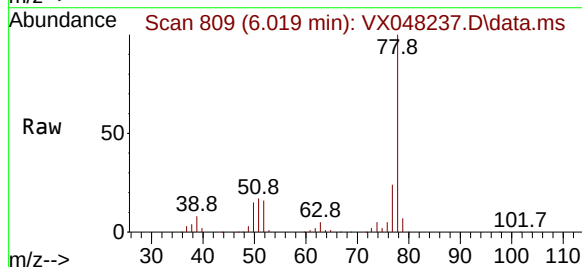
Acq: 20 Oct 2025 14:28

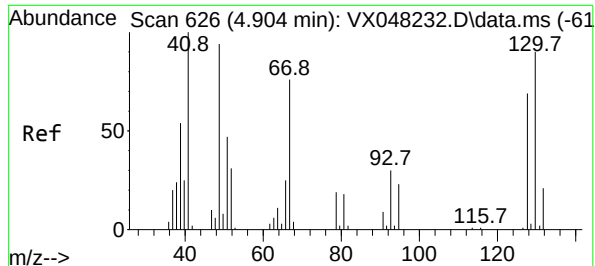
Tgt Ion: 78 Resp: 325041

Ion Ratio Lower Upper

78 100

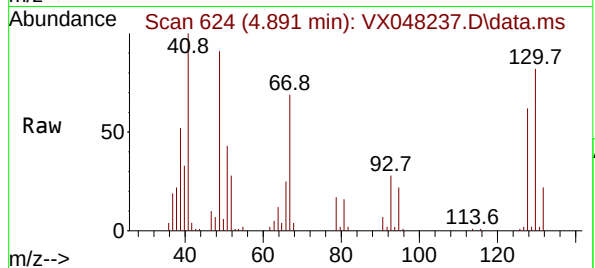
77 23.5 19.3 28.9





#41
Methacrylonitrile
Concen: 50.358 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

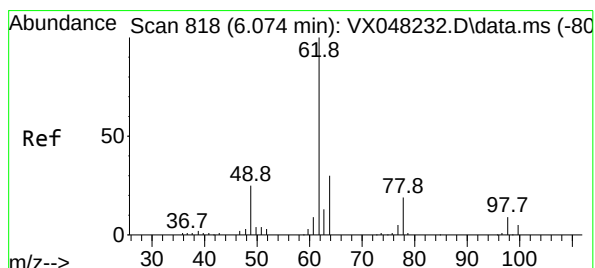
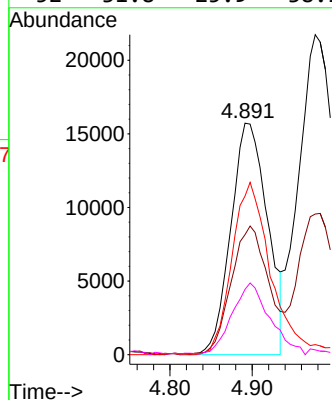
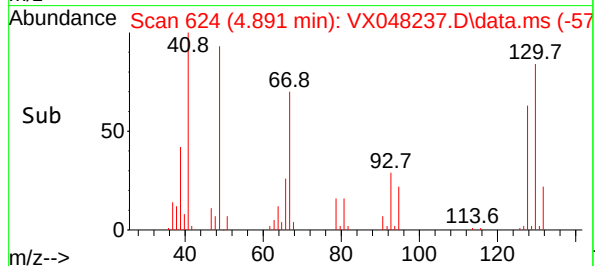
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025



Tgt Ion: 41 Resp: 48840
Ion Ratio Lower Upper
41 100
39 57.6 44.0 66.0
67 80.7 58.7 88.1
52 31.8 25.9 38.9

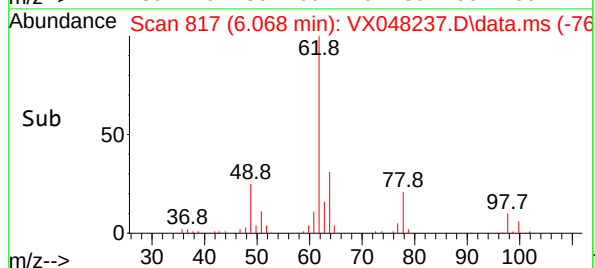
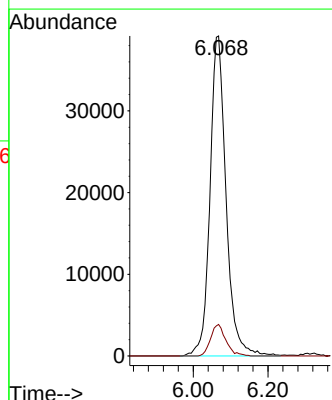
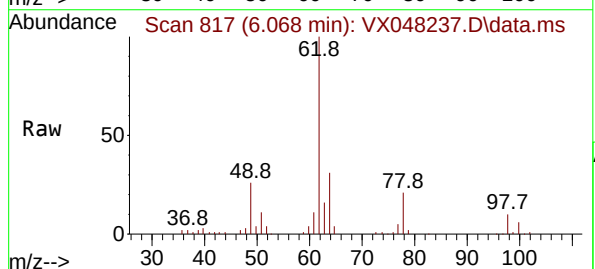
Manual Integrations
APPROVED

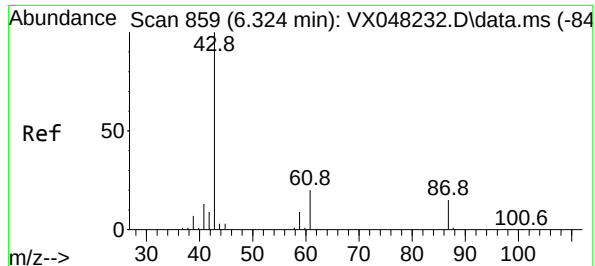
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#42
1,2-Dichloroethane
Concen: 48.963 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 62 Resp: 116893
Ion Ratio Lower Upper
62 100
98 9.4 0.0 17.2





#43

Isopropyl Acetate

Concen: 49.816 ug/l

RT: 6.318 min Scan# 858

Delta R.T. -0.006 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

Instrument :

MSVOA_X

ClientSampleId :

ICVXX102025

Tgt Ion: 43 Resp: 151140

Ion Ratio Lower Upper

43 100

61 20.7 14.9 22.3

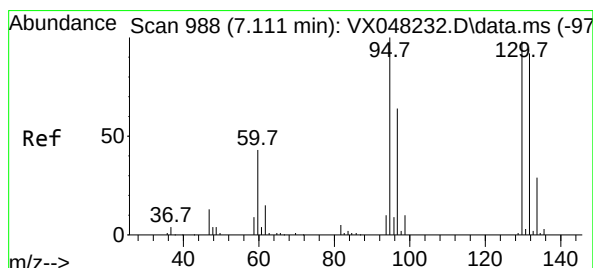
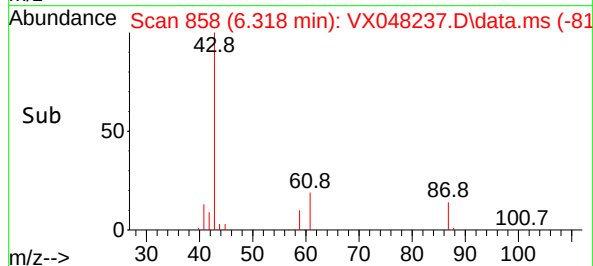
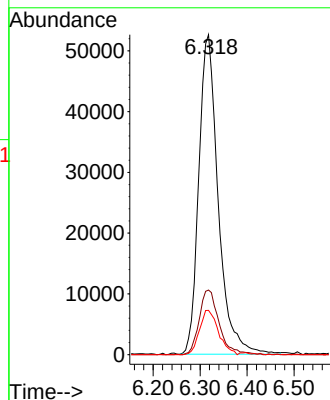
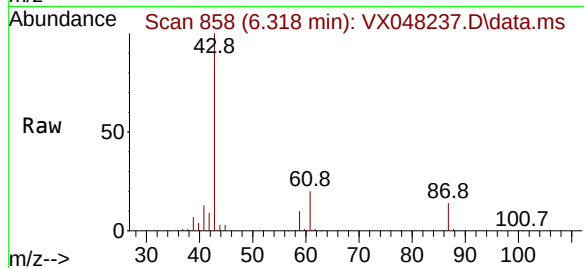
87 13.5 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#44

Trichloroethene

Concen: 50.582 ug/l

RT: 7.104 min Scan# 987

Delta R.T. -0.006 min

Lab File: VX048237.D

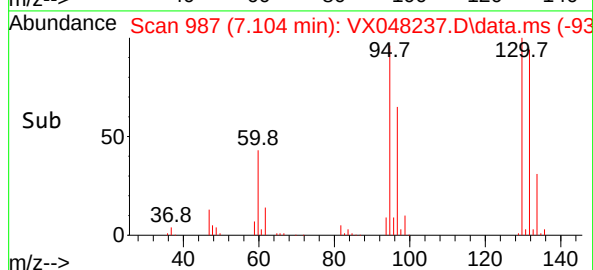
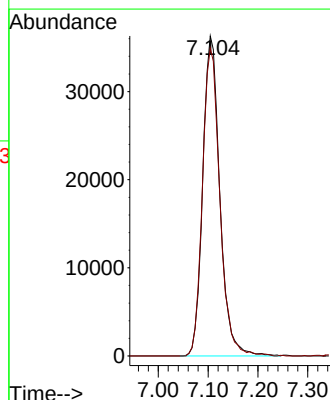
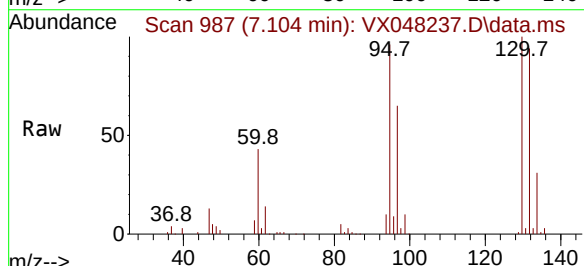
Acq: 20 Oct 2025 14:28

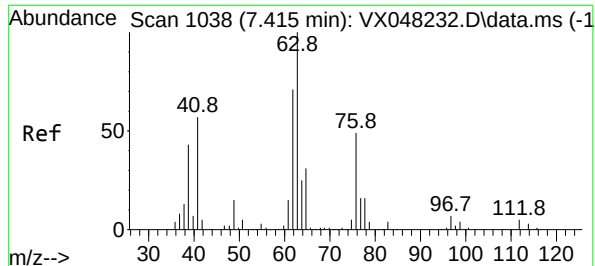
Tgt Ion:130 Resp: 86410

Ion Ratio Lower Upper

130 100

95 96.2 0.0 200.6





#45

1,2-Dichloropropane

Concen: 50.994 ug/l

RT: 7.409 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

Instrument :

MSVOA_X

ClientSampleId :

ICVX102025

Tgt Ion: 63 Resp: 78439

Ion Ratio Lower Upper

63 100

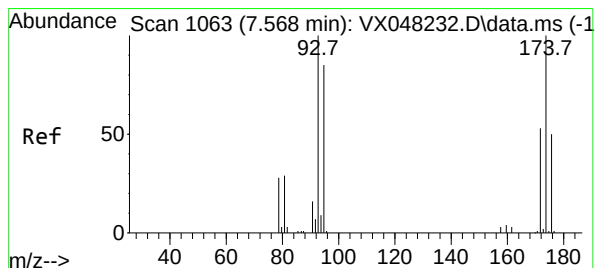
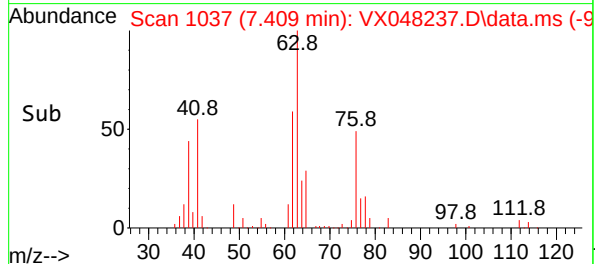
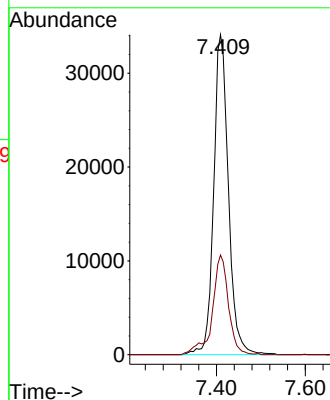
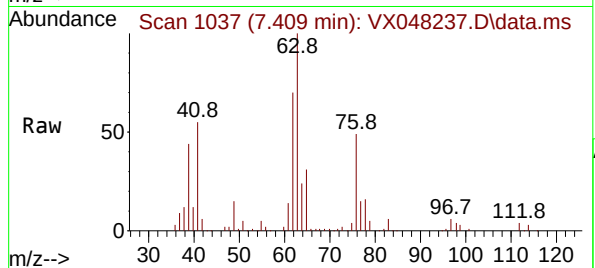
65 31.1 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#46

Dibromomethane

Concen: 48.913 ug/l

RT: 7.562 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

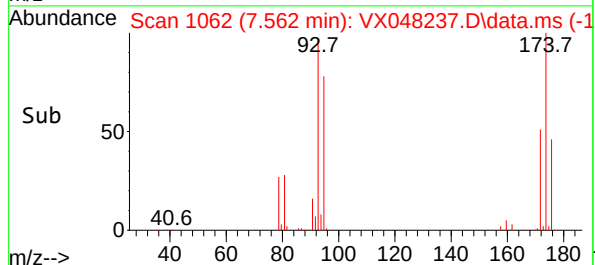
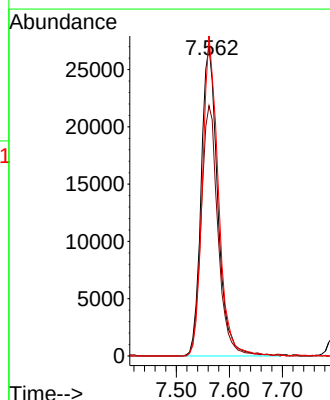
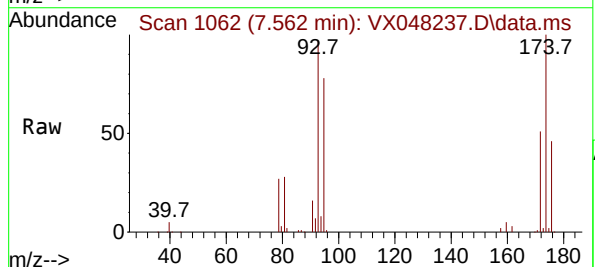
Tgt Ion: 93 Resp: 58616

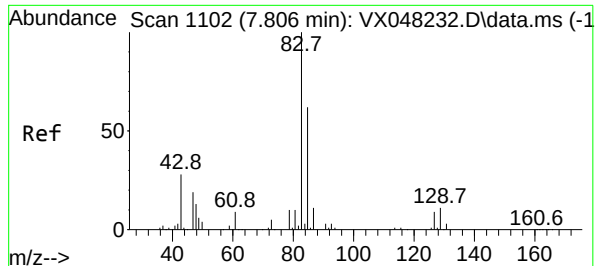
Ion Ratio Lower Upper

93 100

95 81.4 65.9 98.9

174 99.2 71.7 107.5





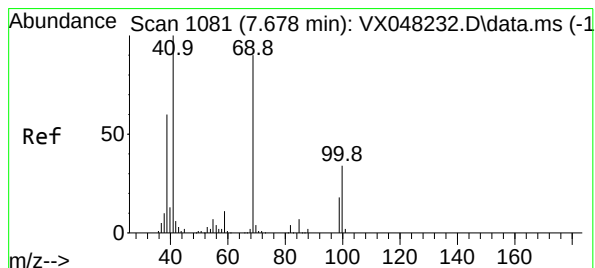
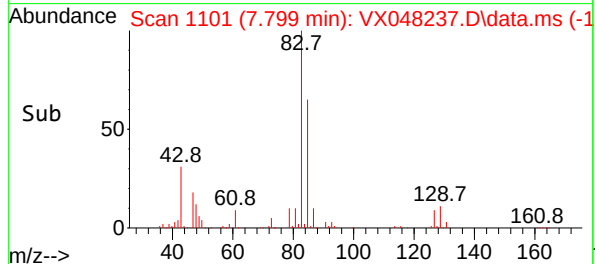
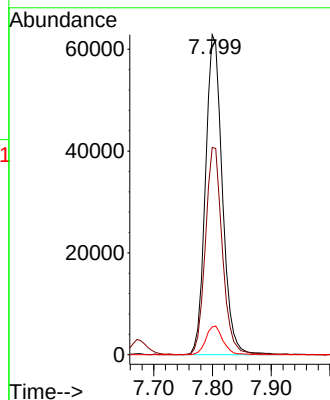
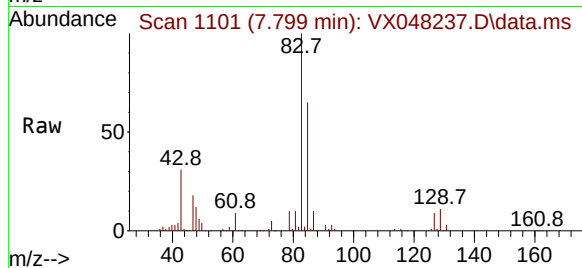
#47
Bromodichloromethane
Concen: 48.459 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion: 83 Resp: 12538
Ion Ratio Lower Upper
83 100
85 64.7 52.2 78.4
127 8.7 7.3 10.9

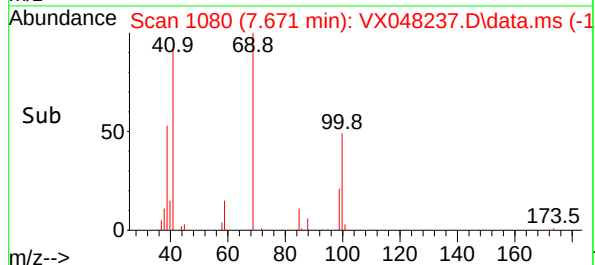
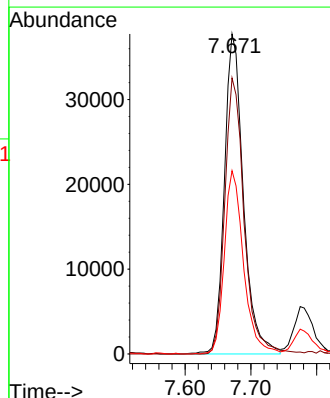
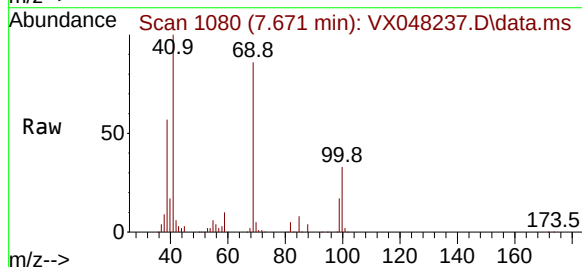
Manual Integrations
APPROVED

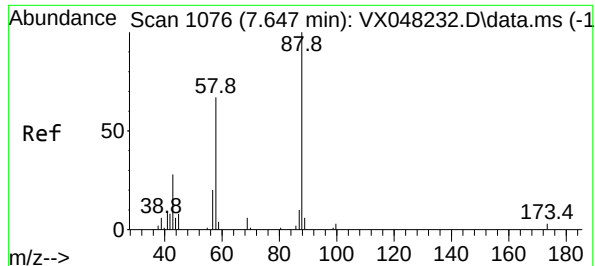
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#48
Methyl methacrylate
Concen: 49.519 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 41 Resp: 75812
Ion Ratio Lower Upper
41 100
69 87.7 63.4 95.0
39 58.0 47.1 70.7





#49

1,4-Dioxane

Concen: 1000.197 ug/l

RT: 7.635 min Scan# 1074

Delta R.T. -0.006 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

Instrument :

MSVOA_X

ClientSampleId :

ICVX102025

Tgt Ion: 88 Resp: 20230

Ion Ratio Lower Upper

88 100

43 37.8 35.0 52.4

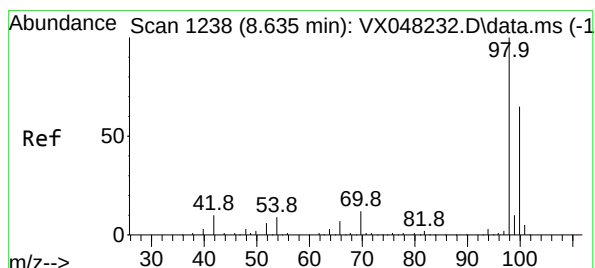
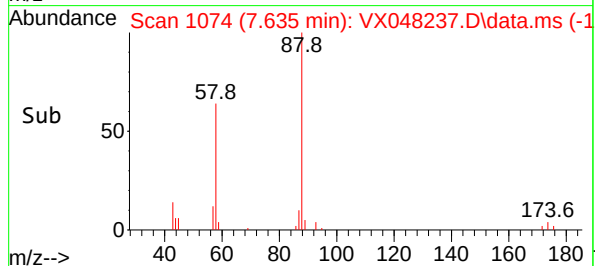
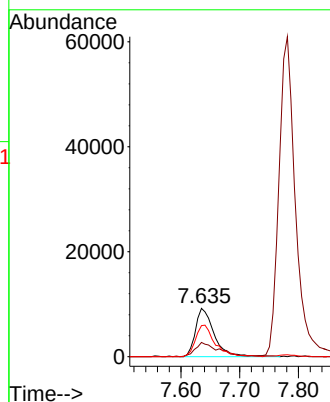
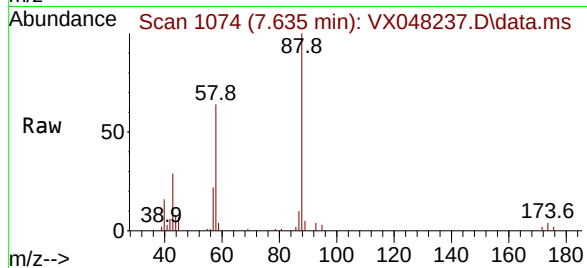
58 67.9 61.9 92.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#50

Toluene-d8

Concen: 48.386 ug/l

RT: 8.628 min Scan# 1237

Delta R.T. -0.006 min

Lab File: VX048237.D

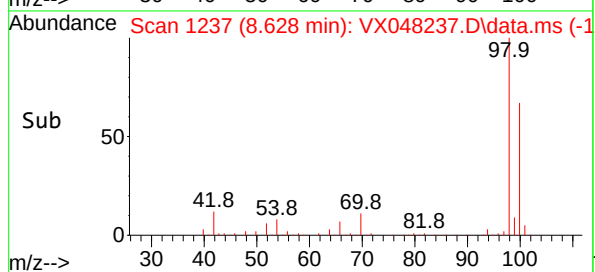
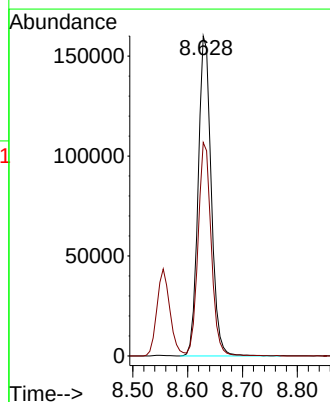
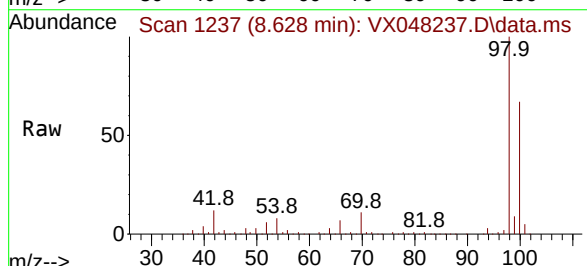
Acq: 20 Oct 2025 14:28

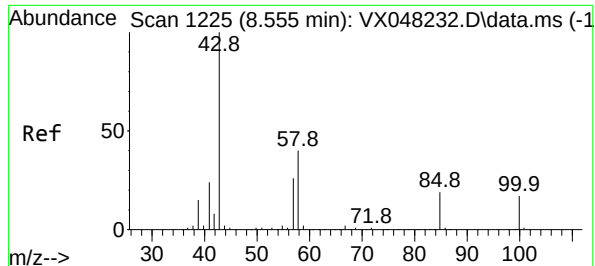
Tgt Ion: 98 Resp: 265898

Ion Ratio Lower Upper

98 100

100 66.6 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 244.897 ug/l

RT: 8.555 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

Instrument :

MSVOA_X

ClientSampleId :

ICVX102025

Tgt Ion: 43 Resp: 42839

Ion Ratio Lower Upper

43 100

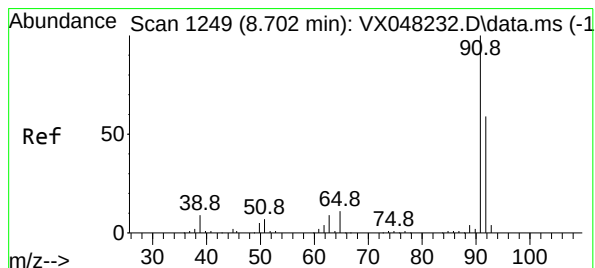
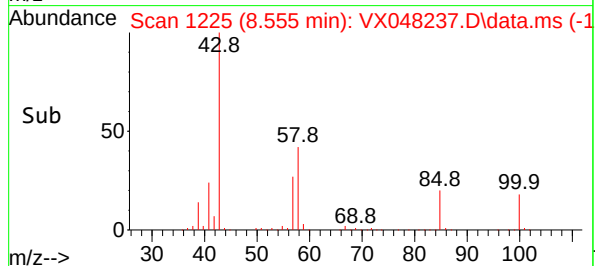
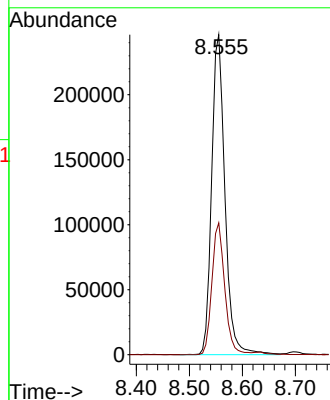
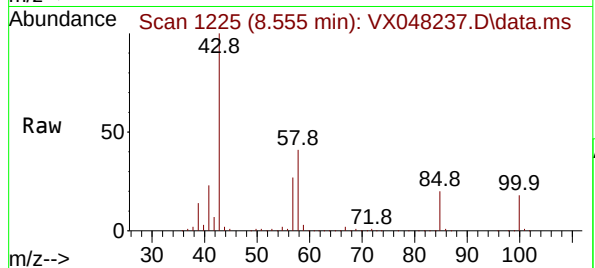
58 39.9 29.5 44.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#52

Toluene

Concen: 50.088 ug/l

RT: 8.702 min Scan# 1249

Delta R.T. -0.000 min

Lab File: VX048237.D

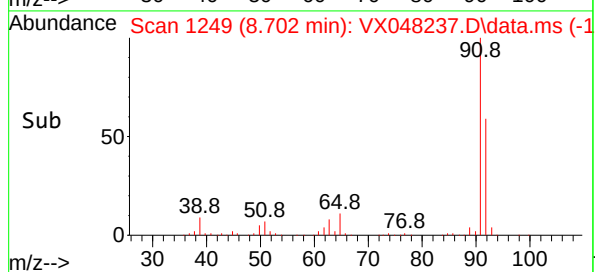
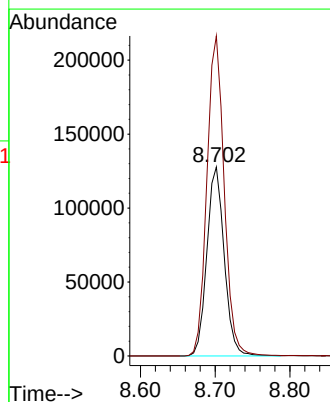
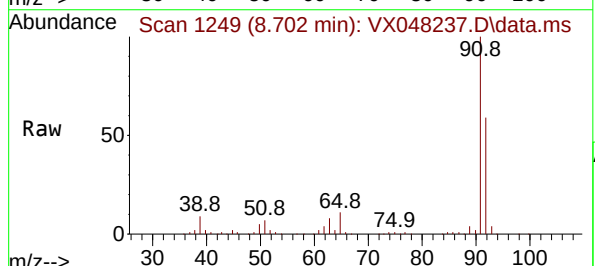
Acq: 20 Oct 2025 14:28

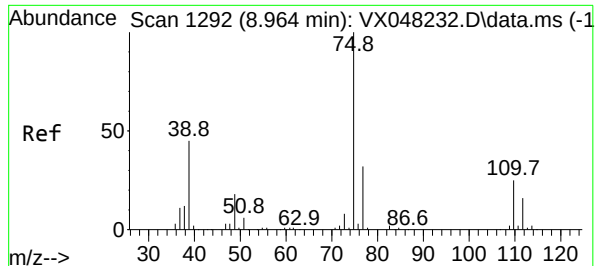
Tgt Ion: 92 Resp: 205867

Ion Ratio Lower Upper

92 100

91 169.0 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 50.004 ug/l

RT: 8.958 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

Instrument :

MSVOA_X

ClientSampleId :

ICVX102025

Tgt Ion: 75 Resp: 12468

Ion Ratio Lower Upper

75 100

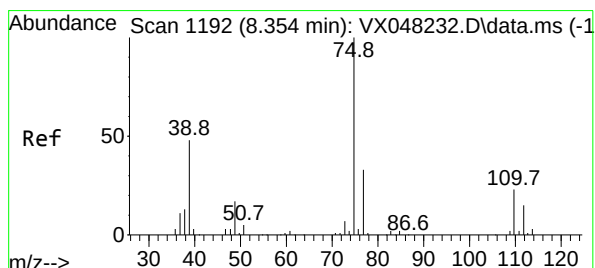
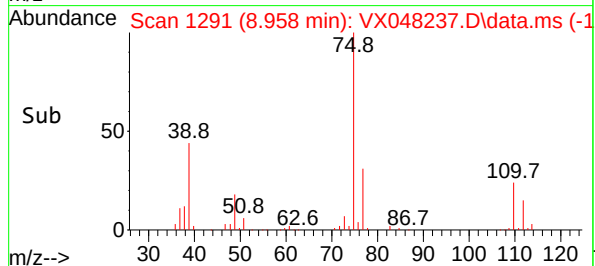
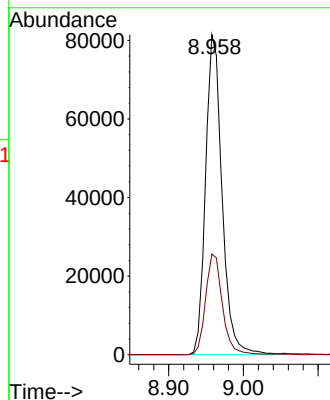
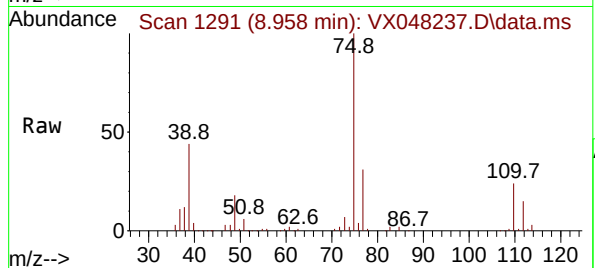
77 31.4 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#54

cis-1,3-Dichloropropene

Concen: 49.944 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. -0.000 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

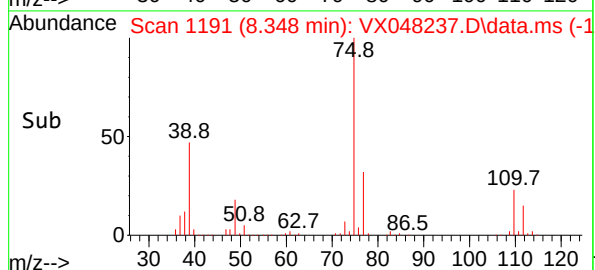
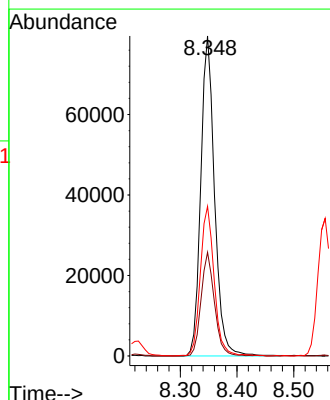
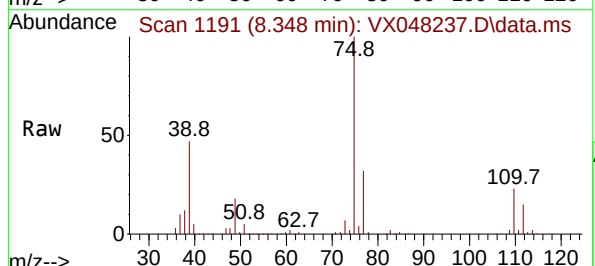
Tgt Ion: 75 Resp: 134360

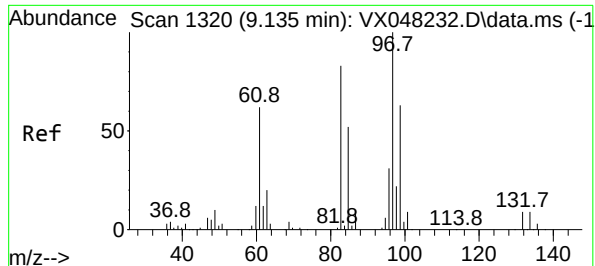
Ion Ratio Lower Upper

75 100

77 32.4 24.9 37.3

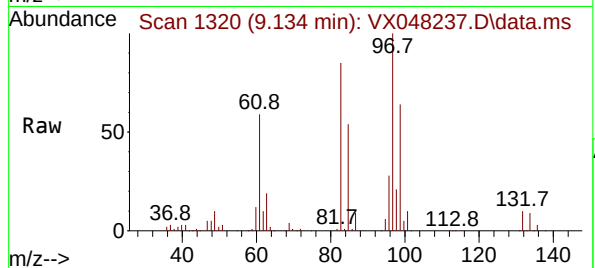
39 46.7 42.6 64.0





#55
1,1,2-Trichloroethane
Concen: 49.597 ug/l
RT: 9.134 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

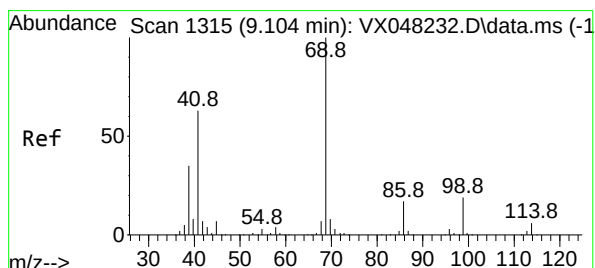
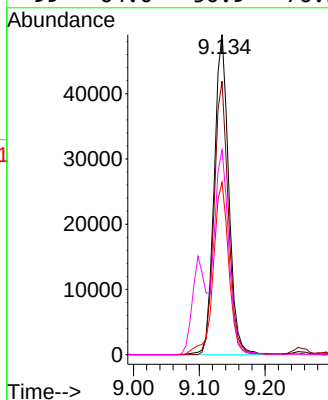
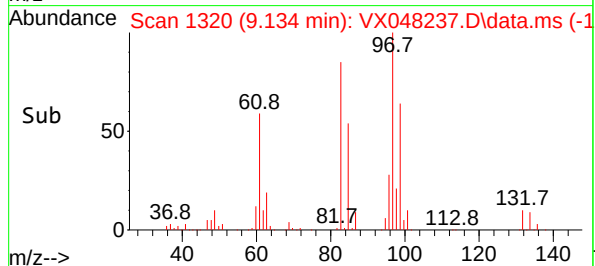
Instrument :
MSVOA_X
ClientSampleId :
ICVX102025



Tgt Ion: 97 Resp: 75808
Ion Ratio Lower Upper
97 100
83 85.5 70.6 105.8
85 53.9 45.0 67.6
99 64.0 50.9 76.3

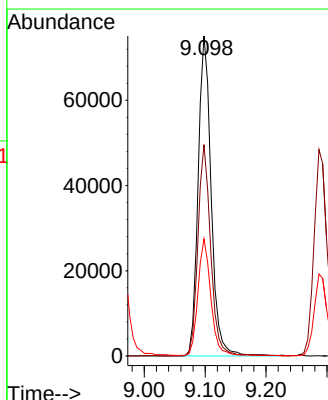
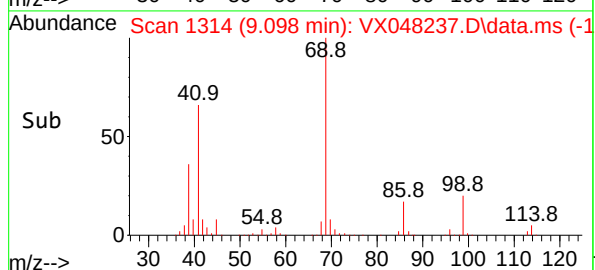
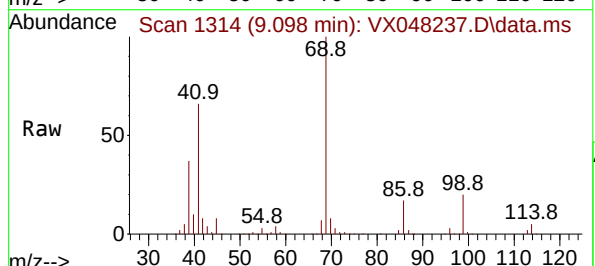
Manual Integrations
APPROVED

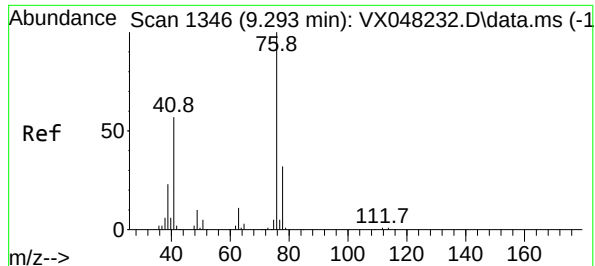
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#56
Ethyl methacrylate
Concen: 49.964 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 69 Resp: 111702
Ion Ratio Lower Upper
69 100
41 65.1 56.0 84.0
39 36.0 31.6 47.4





#57

1,3-Dichloropropane

Concen: 49.226 ug/l

RT: 9.287 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

Instrument :

MSVOA_X

ClientSampleId :

ICVX102025

Tgt Ion: 76 Resp: 128519

Ion Ratio Lower Upper

76 100

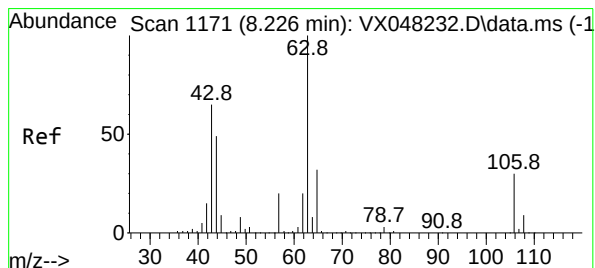
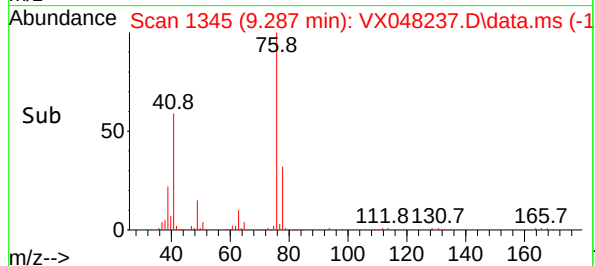
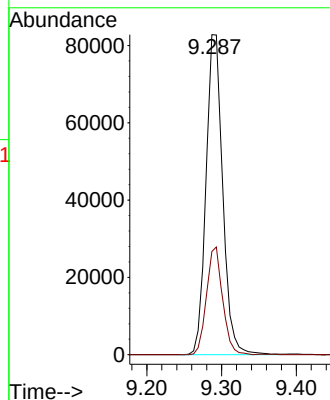
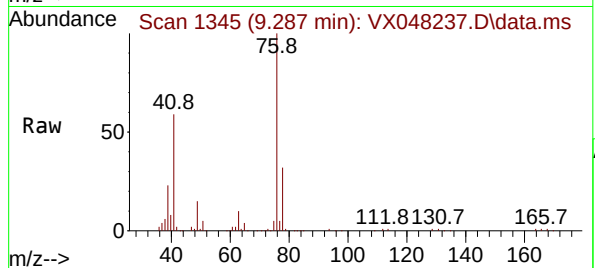
78 32.4 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#58

2-Chloroethyl Vinyl ether

Concen: 242.124 ug/l

RT: 8.220 min Scan# 1170

Delta R.T. -0.006 min

Lab File: VX048237.D

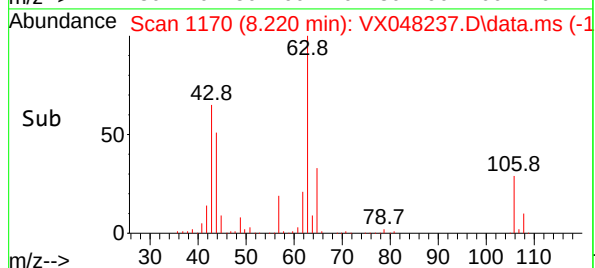
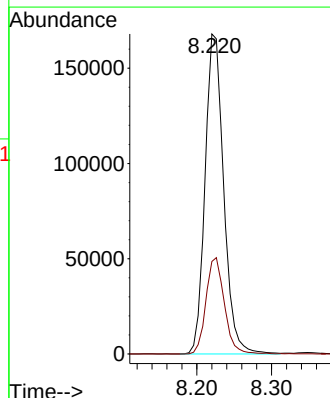
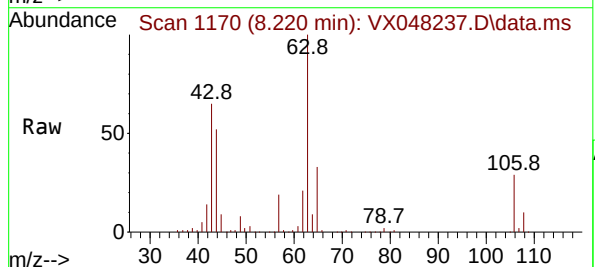
Acq: 20 Oct 2025 14:28

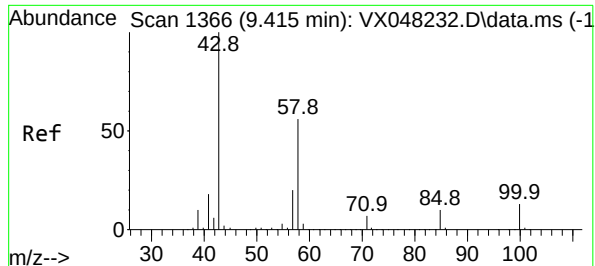
Tgt Ion: 63 Resp: 290992

Ion Ratio Lower Upper

63 100

106 29.6 22.2 33.2





#59

2-Hexanone

Concen: 246.102 ug/l

RT: 9.409 min Scan# 1365

Delta R.T. -0.006 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

Instrument :

MSVOA_X

ClientSampleId :

ICVX102025

Tgt Ion: 43 Resp: 30018

Ion Ratio Lower Upper

43 100

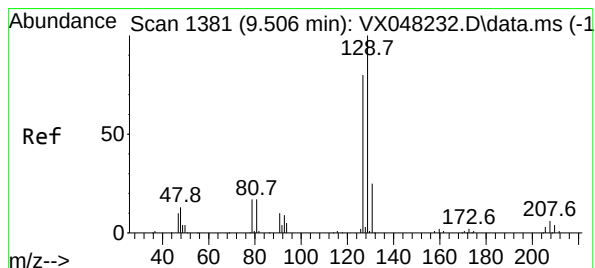
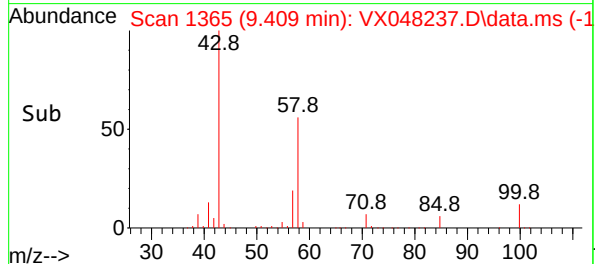
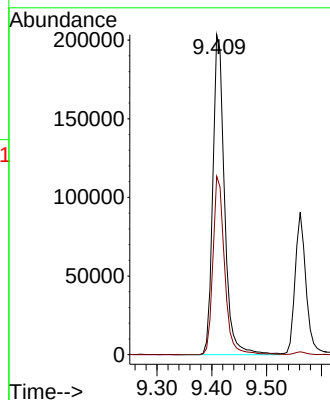
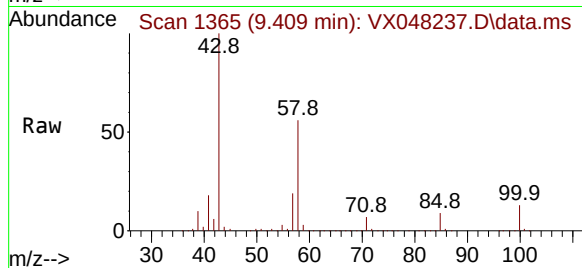
58 55.6 26.3 78.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#60

Dibromochloromethane

Concen: 47.530 ug/l

RT: 9.500 min Scan# 1380

Delta R.T. -0.006 min

Lab File: VX048237.D

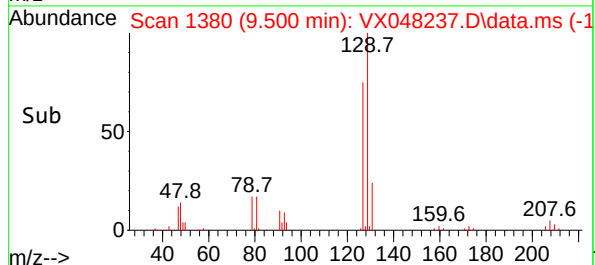
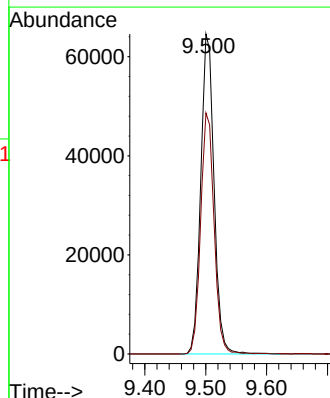
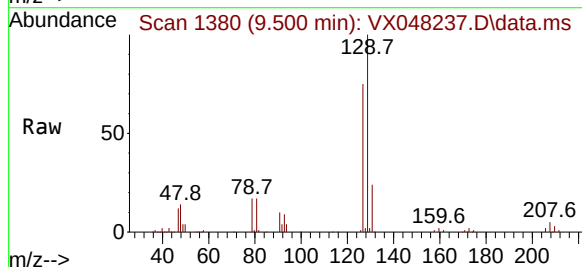
Acq: 20 Oct 2025 14:28

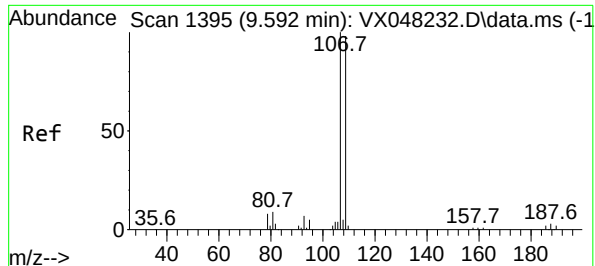
Tgt Ion:129 Resp: 97643

Ion Ratio Lower Upper

129 100

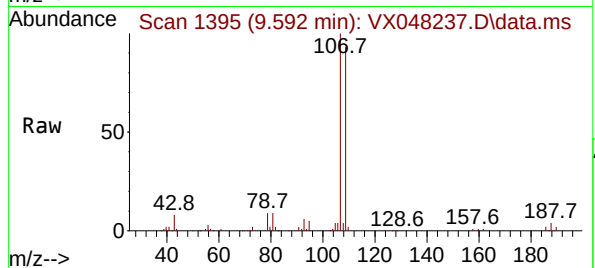
127 76.2 38.6 115.7





#61
1,2-Dibromoethane
Concen: 49.319 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

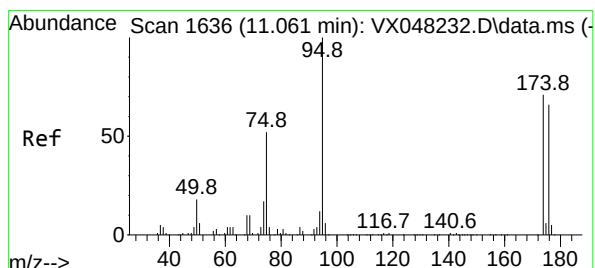
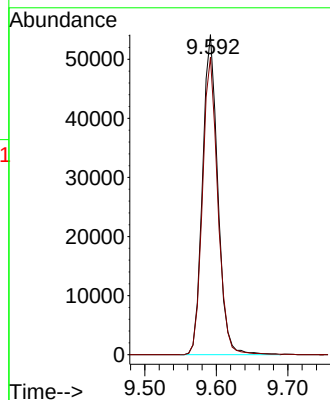
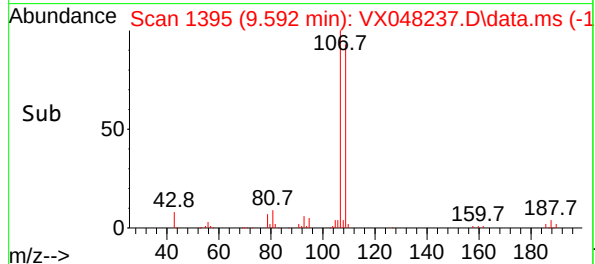
Instrument :
MSVOA_X
ClientSampleId :
ICVX102025



Tgt Ion:107 Resp: 8036
Ion Ratio Lower Upper
107 100
109 93.1 77.0 115.4

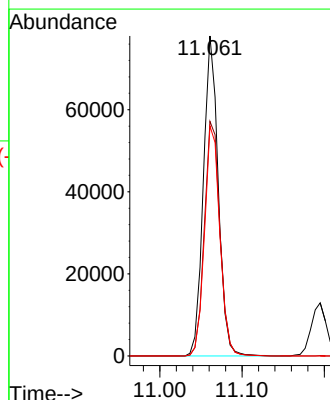
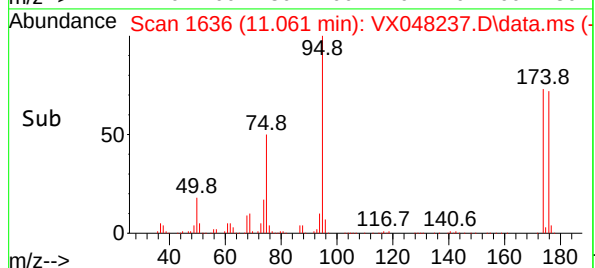
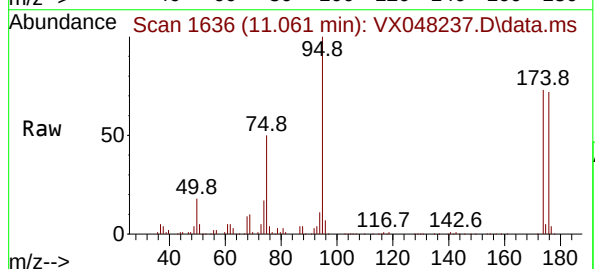
Manual Integrations
APPROVED

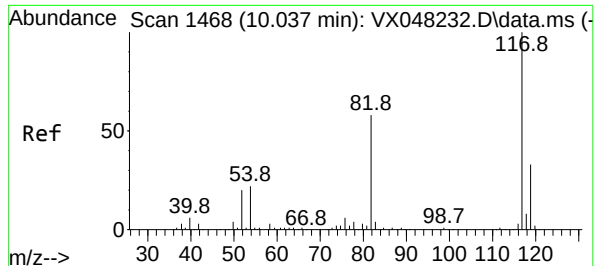
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#62
4-Bromofluorobenzene
Concen: 46.795 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

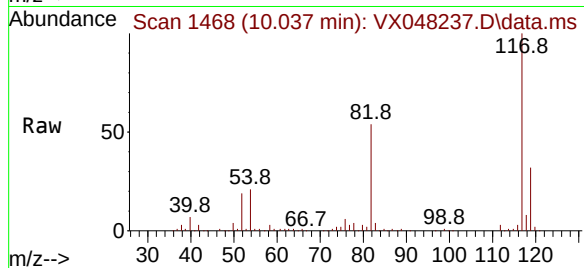
Tgt Ion: 95 Resp: 97828
Ion Ratio Lower Upper
95 100
174 77.0 0.0 147.8
176 74.2 0.0 142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

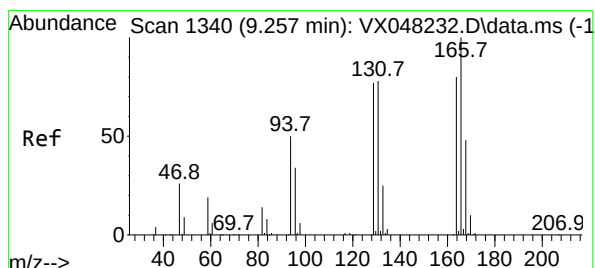
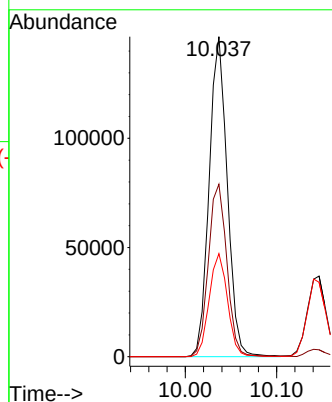
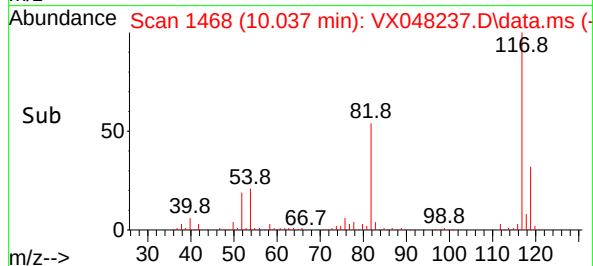
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025



Tgt Ion:117 Resp: 20139
Ion Ratio Lower Upper
117 100
82 53.9 46.5 69.7
119 32.2 25.9 38.9

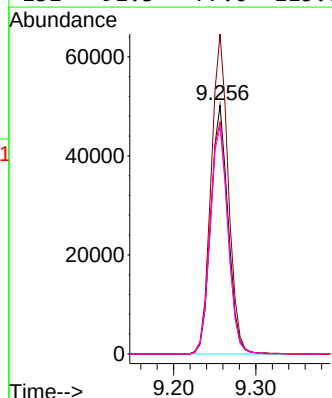
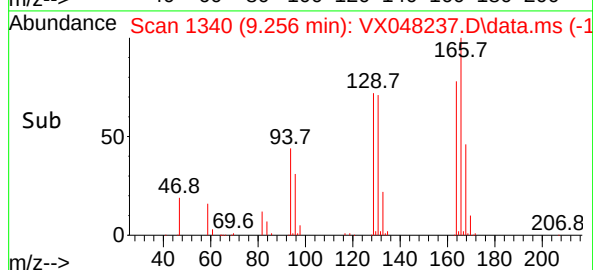
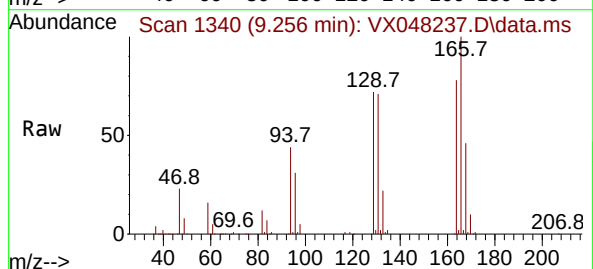
Manual Integrations
APPROVED

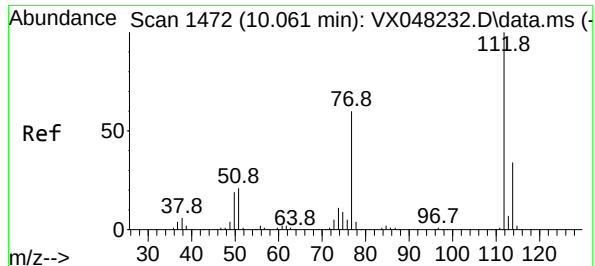
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#64
Tetrachloroethene
Concen: 48.686 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:164 Resp: 73198
Ion Ratio Lower Upper
164 100
166 128.6 104.5 156.7
129 93.1 81.8 122.6
131 91.3 77.0 115.6





#65

Chlorobenzene

Concen: 50.095 ug/l

RT: 10.061 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

Instrument :

MSVOA_X

ClientSampleId :

ICVX102025

Tgt Ion:112 Resp: 22695

Ion Ratio Lower Upper

112 100

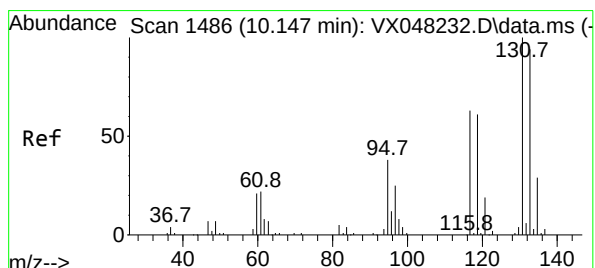
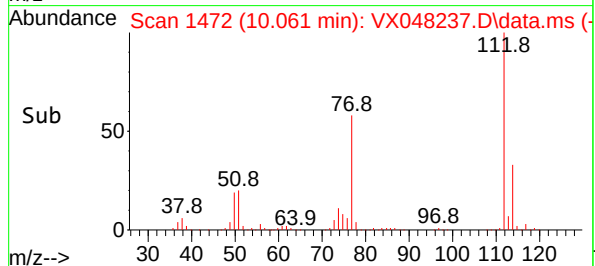
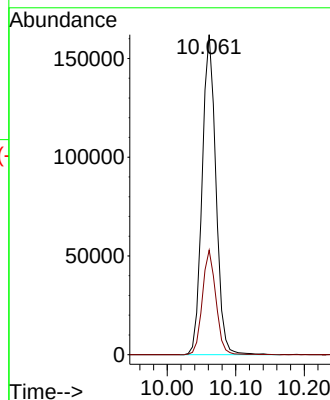
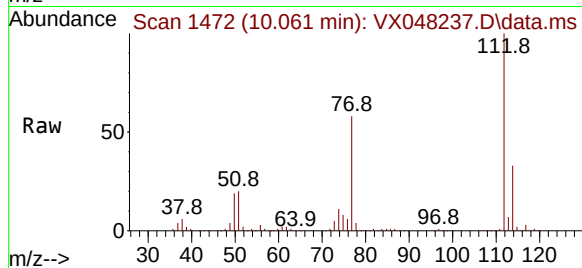
114 32.6 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#66

1,1,1,2-Tetrachloroethane

Concen: 49.014 ug/l

RT: 10.140 min Scan# 1485

Delta R.T. -0.006 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

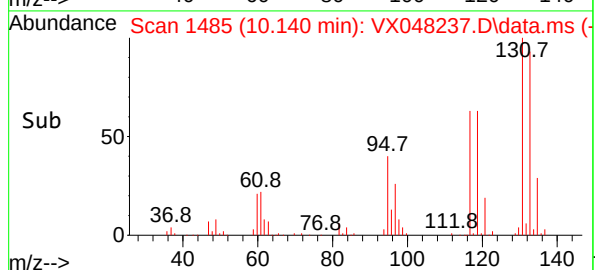
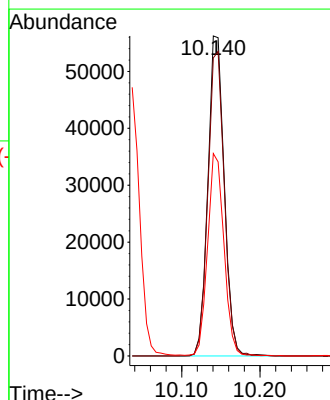
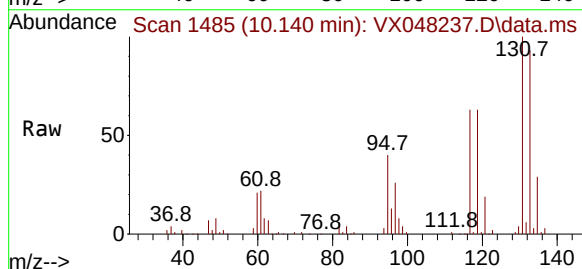
Tgt Ion:131 Resp: 81561

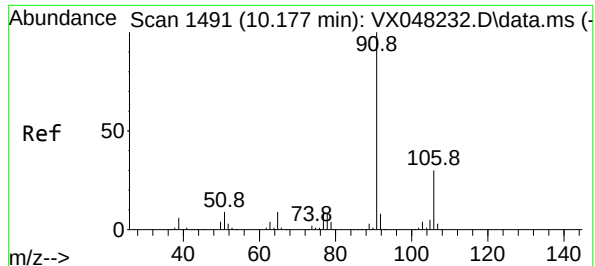
Ion Ratio Lower Upper

131 100

133 95.2 47.6 142.8

119 63.3 32.5 97.5





#67

Ethyl Benzene

Concen: 50.798 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

Instrument :

MSVOA_X

ClientSampleId :

ICVX102025

Tgt Ion: 91 Resp: 391830

Ion Ratio Lower Upper

91 100

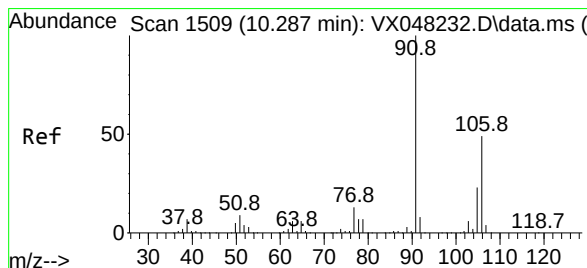
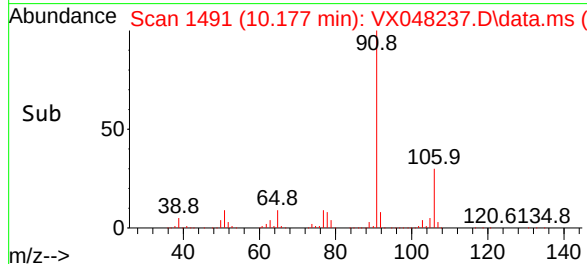
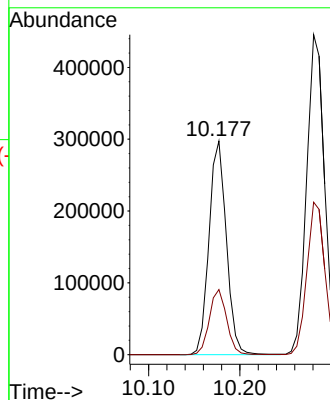
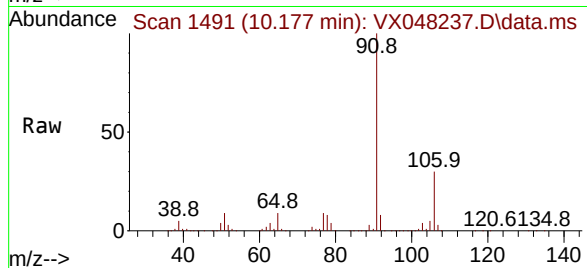
106 30.5 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#68

m/p-Xylenes

Concen: 102.416 ug/l

RT: 10.281 min Scan# 1508

Delta R.T. -0.006 min

Lab File: VX048237.D

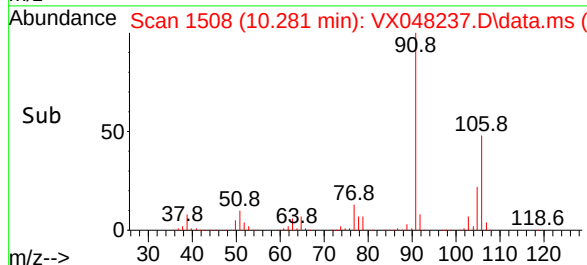
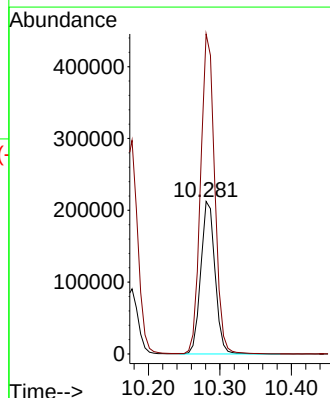
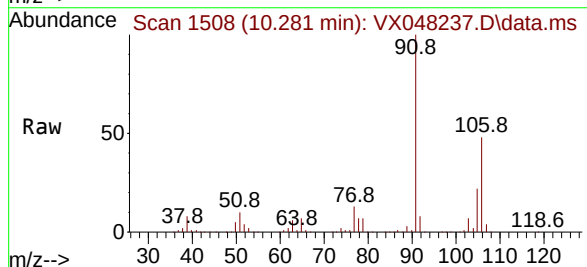
Acq: 20 Oct 2025 14:28

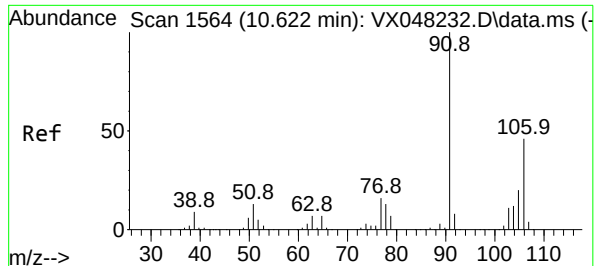
Tgt Ion:106 Resp: 293516

Ion Ratio Lower Upper

106 100

91 208.2 167.9 251.9





#69

o-Xylene

Concen: 50.424 ug/l

RT: 10.622 min Scan# 1564

Delta R.T. -0.000 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

Instrument :

MSVOA_X

ClientSampleId :

ICVX102025

Tgt Ion:106 Resp: 13951

Ion Ratio Lower Upper

106 100

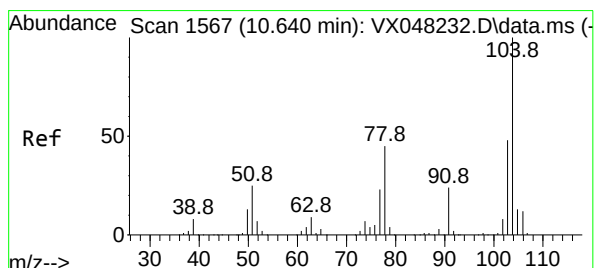
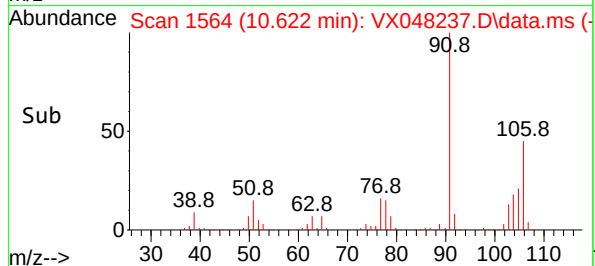
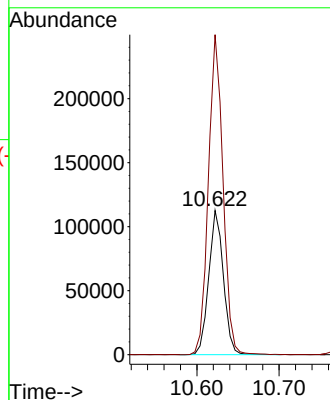
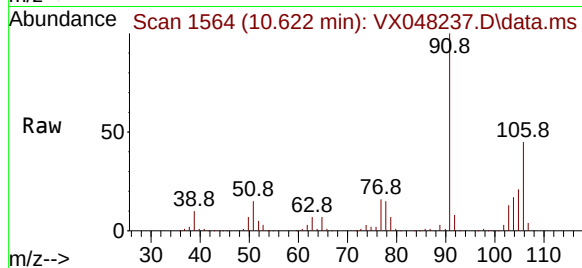
91 221.1 111.3 333.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#70

Styrene

Concen: 51.651 ug/l

RT: 10.634 min Scan# 1566

Delta R.T. -0.006 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

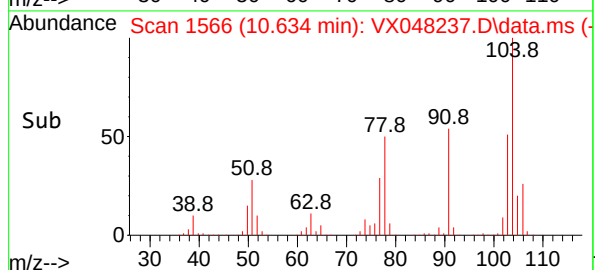
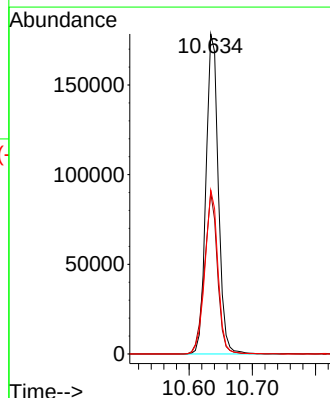
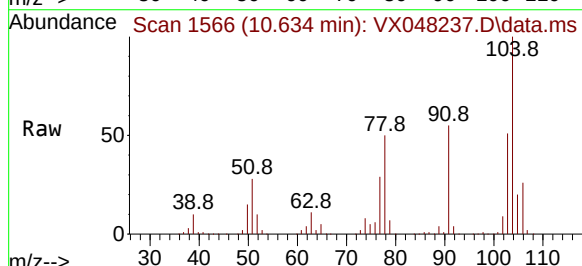
Tgt Ion:104 Resp: 243341

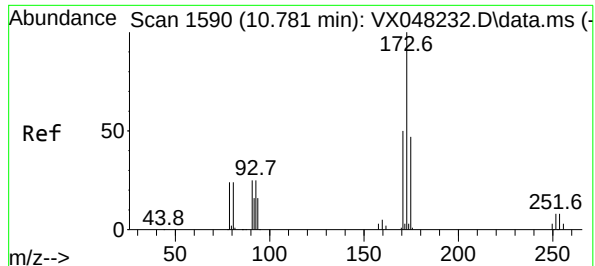
Ion Ratio Lower Upper

104 100

78 52.8 42.2 63.4

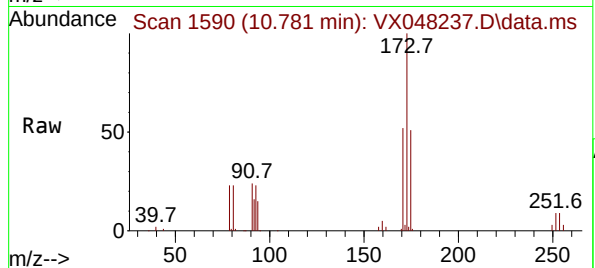
103 53.8 43.0 64.4





#71
Bromoform
Concen: 48.250 ug/l
RT: 10.781 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

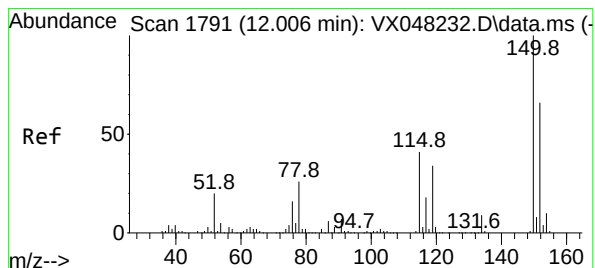
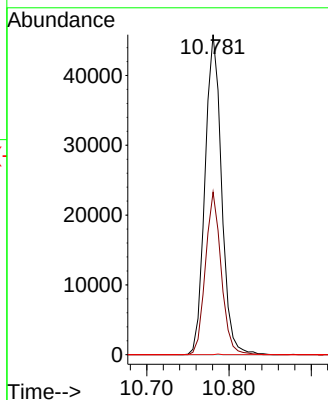
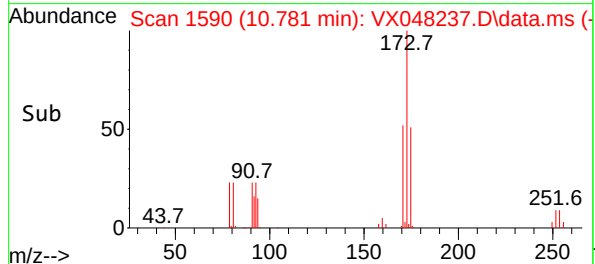
Instrument :
MSVOA_X
ClientSampleId :
ICVX102025



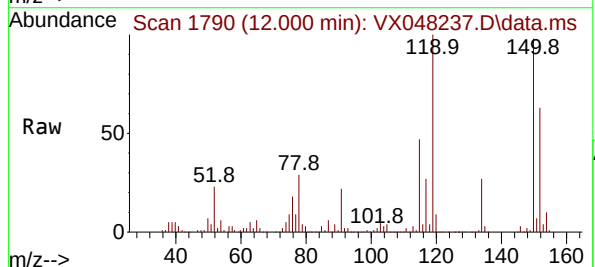
Tgt Ion:173 Resp: 64170
Ion Ratio Lower Upper
173 100
175 48.3 24.0 72.0
254 0.1 0.0 0.0

Manual Integrations
APPROVED

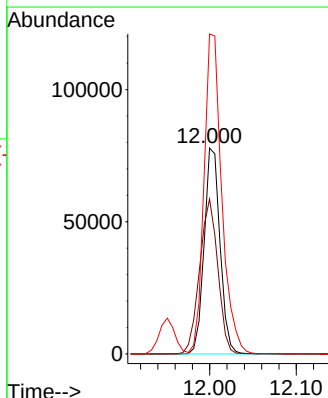
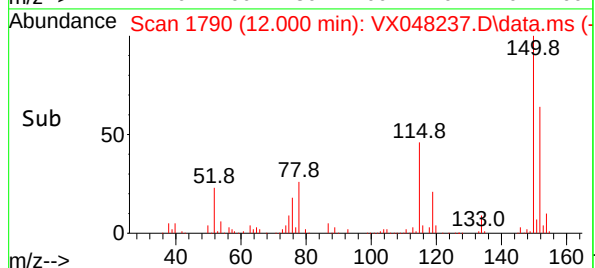
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

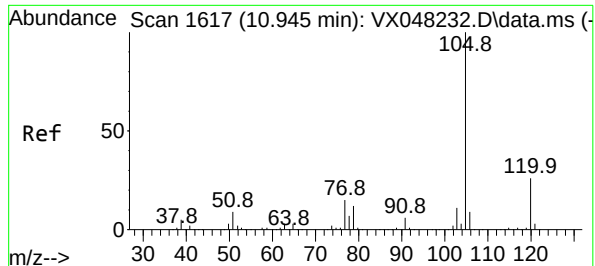


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.000 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28



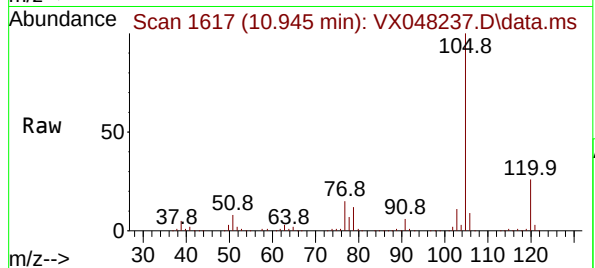
Tgt Ion:152 Resp: 99108
Ion Ratio Lower Upper
152 100
115 86.2 43.1 129.4
150 173.4 0.0 353.0





#73
Isopropylbenzene
Concen: 51.658 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

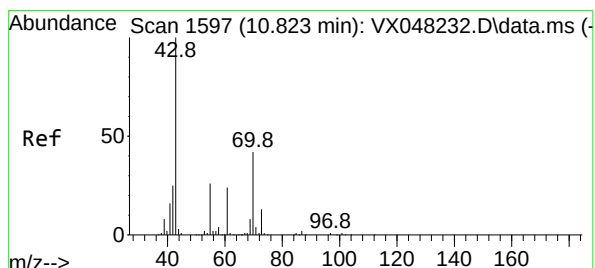
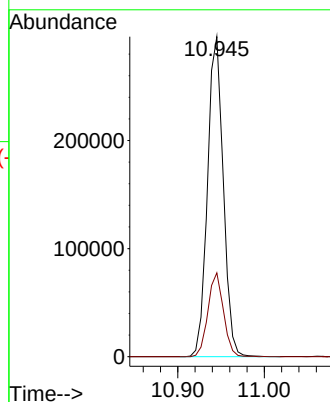
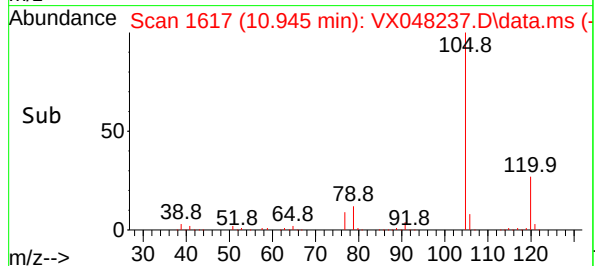
Instrument :
MSVOA_X
ClientSampleId :
ICVX102025



Tgt Ion:105 Resp: 373948
Ion Ratio Lower Upper
105 100
120 25.8 13.0 38.9

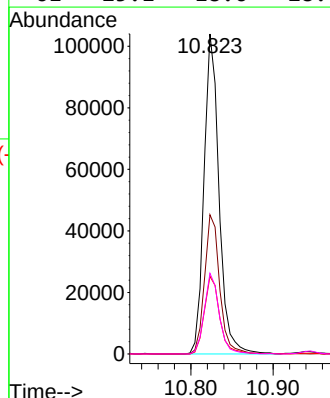
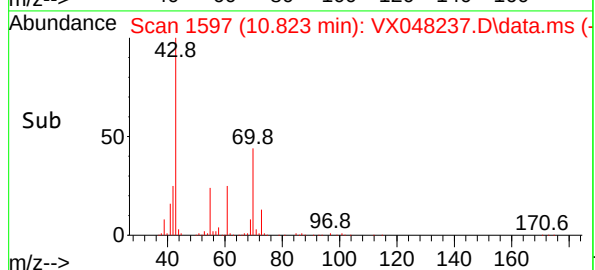
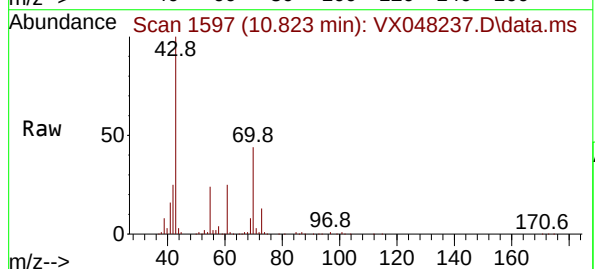
Manual Integrations
APPROVED

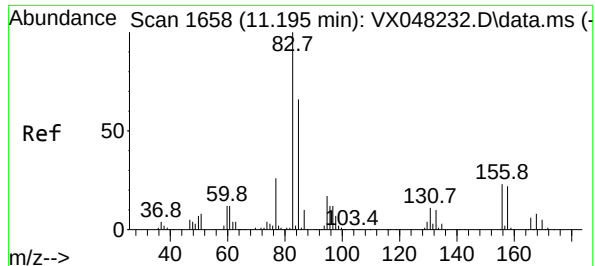
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#74
N-ethyl acetate
Concen: 51.399 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 43 Resp: 131979
Ion Ratio Lower Upper
43 100
70 44.1 32.2 48.2
55 25.0 19.1 28.7
61 25.1 18.6 28.0





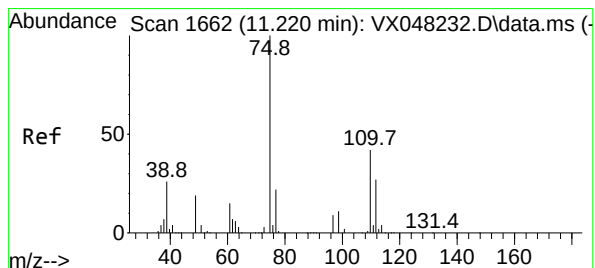
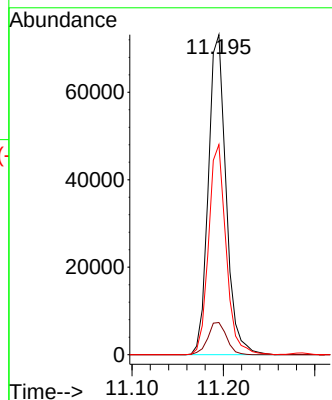
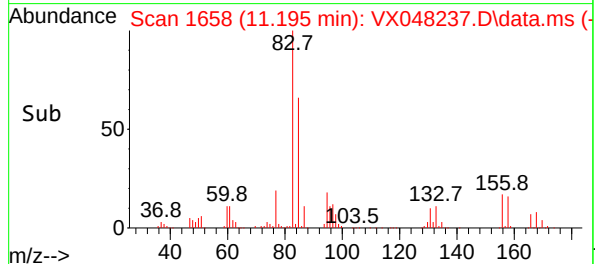
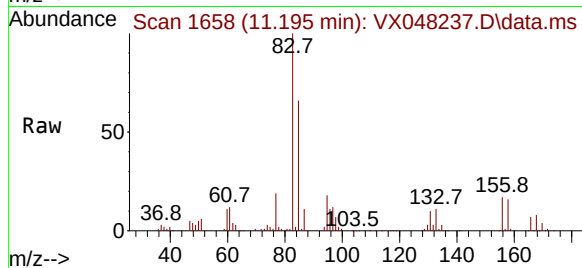
#75
1,1,2,2-Tetrachloroethane
Concen: 49.936 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion: 83 Resp: 98715
Ion Ratio Lower Upper
83 100
131 10.6 4.8 14.4
85 64.8 31.9 95.7

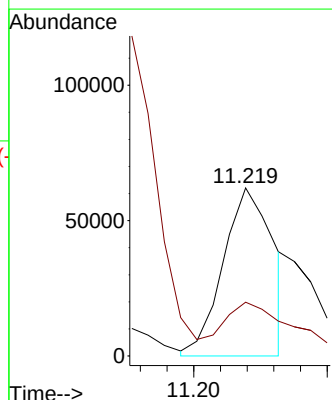
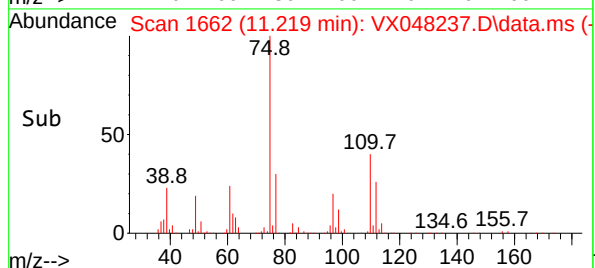
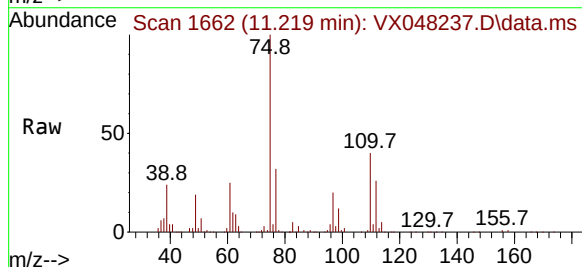
Manual Integrations
APPROVED

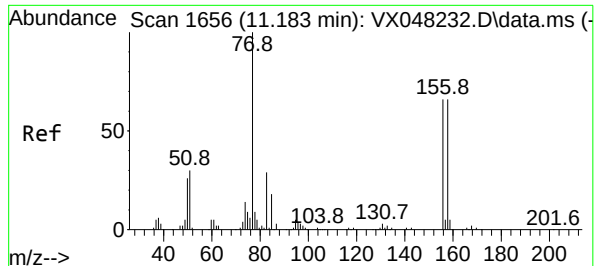
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#76
1,2,3-Trichloropropane
Concen: 50.456 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 75 Resp: 81093
Ion Ratio Lower Upper
75 100
77 45.4 22.4 67.2





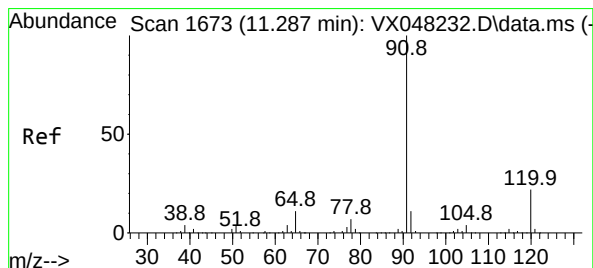
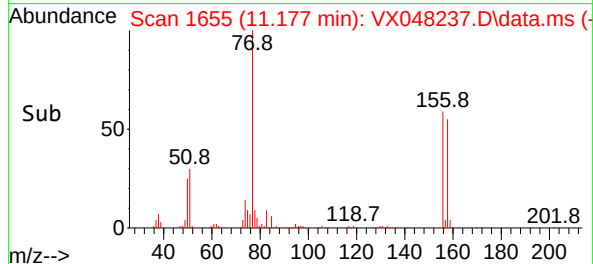
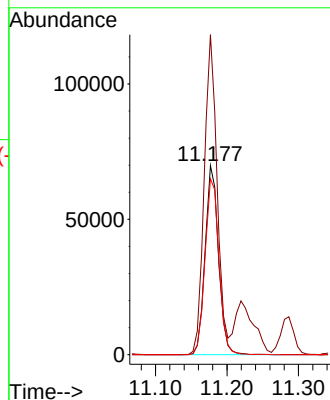
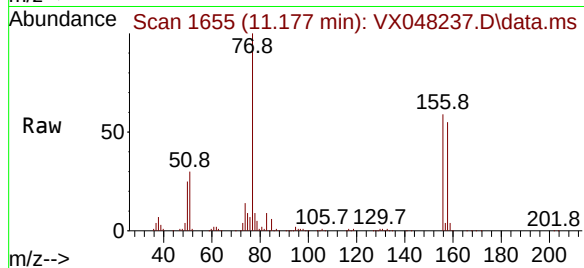
#77
Bromobenzene
Concen: 50.135 ug/l
RT: 11.177 min Scan# 1655
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion:	156	Resp:	91000
Ion	Ratio	Lower	Upper
156	100		
77	162.5	87.0	261.0
158	96.4	47.8	143.4

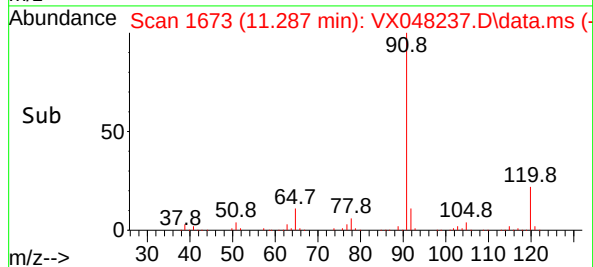
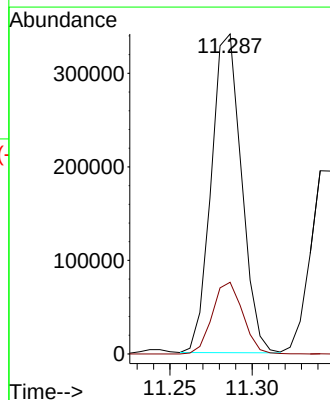
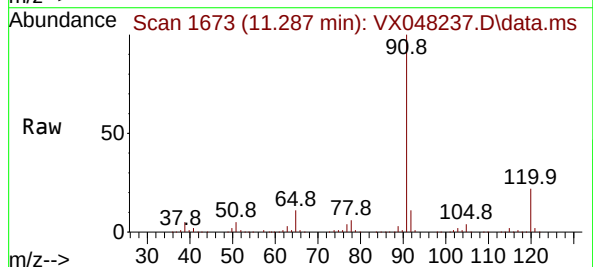
Manual Integrations
APPROVED

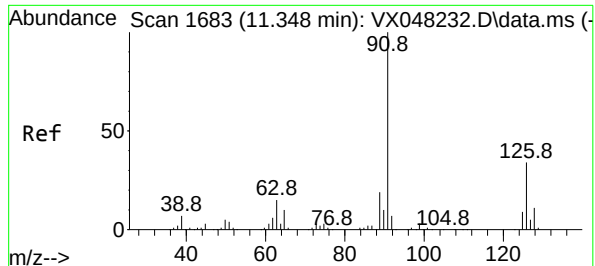
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#78
n-propylbenzene
Concen: 51.980 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:	91	Resp:	435662
Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.1	33.1





#79

2-Chlorotoluene

Concen: 50.760 ug/l

RT: 11.341 min Scan# 1682

Delta R.T. -0.006 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

Instrument :

MSVOA_X

ClientSampleId :

ICVX102025

Tgt Ion: 91 Resp: 257930

Ion Ratio Lower Upper

91 100

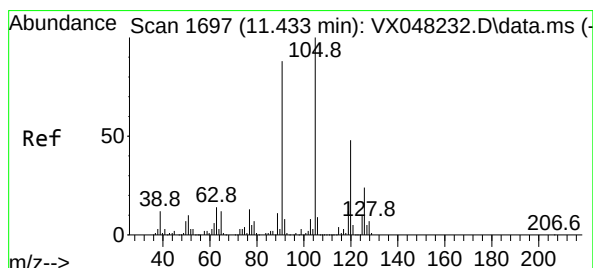
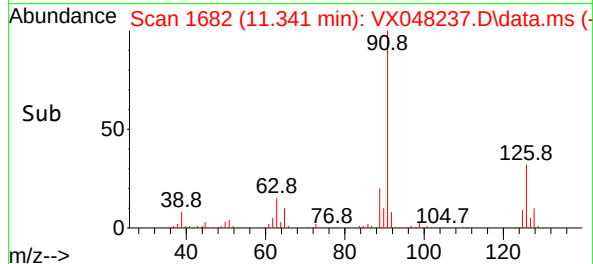
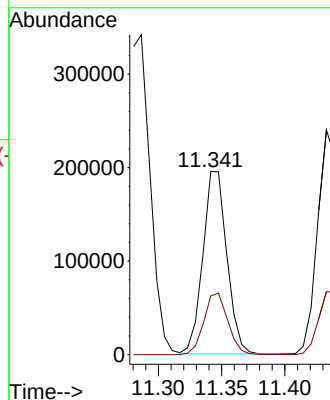
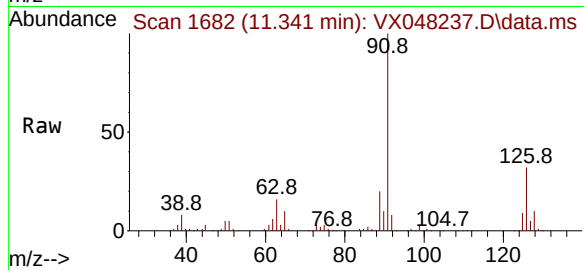
126 33.7 16.4 49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#80

1,3,5-Trimethylbenzene

Concen: 50.918 ug/l

RT: 11.433 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VX048237.D

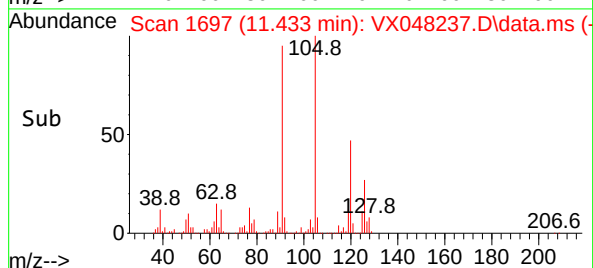
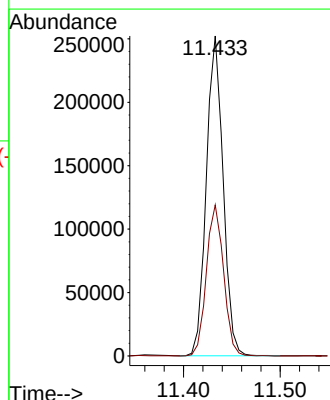
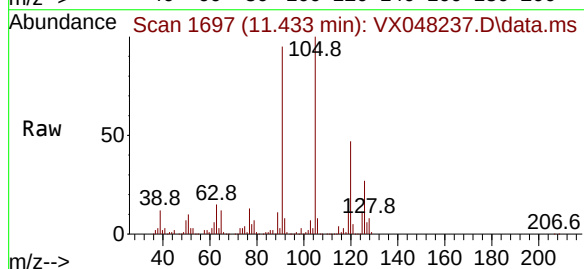
Acq: 20 Oct 2025 14:28

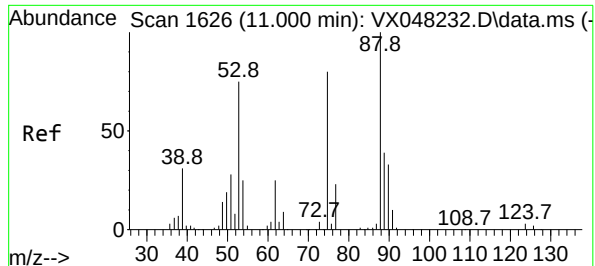
Tgt Ion:105 Resp: 305027

Ion Ratio Lower Upper

105 100

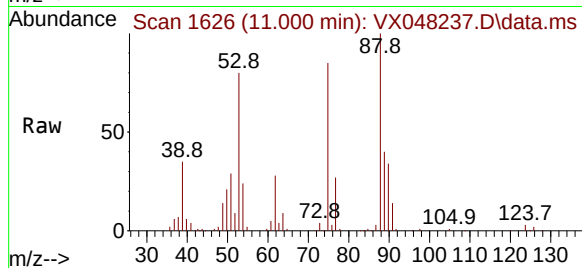
120 48.5 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 49.995 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

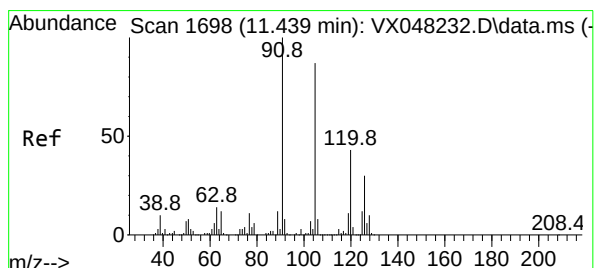
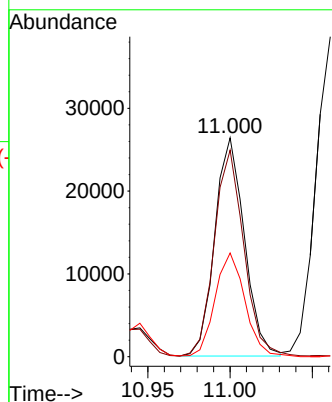
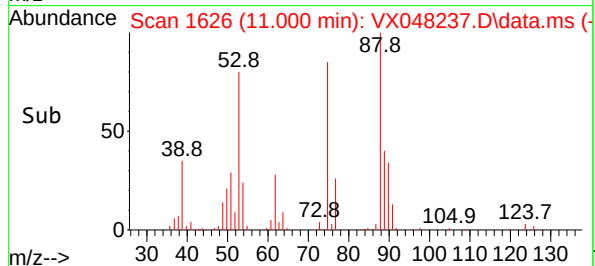
Instrument :
MSVOA_X
ClientSampleId :
ICVX102025



Tgt Ion: 75 Resp: 3302
Ion Ratio Lower Upper
75 100
53 95.4 79.5 119.3
89 48.1 36.8 55.2

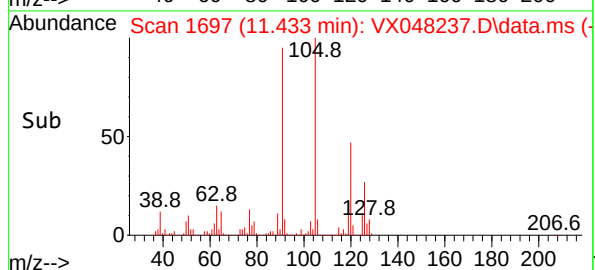
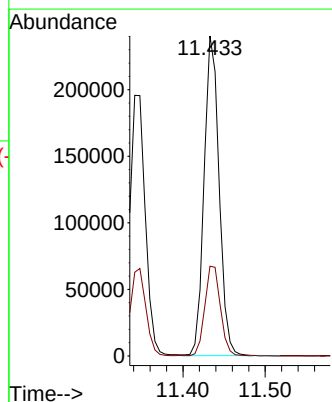
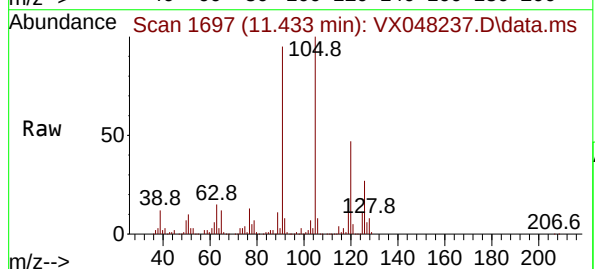
Manual Integrations
APPROVED

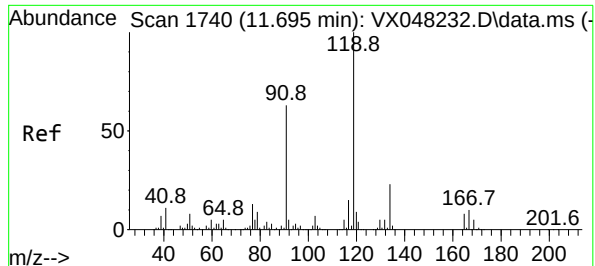
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#82
4-Chlorotoluene
Concen: 50.507 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 91 Resp: 304670
Ion Ratio Lower Upper
91 100
126 29.5 14.1 42.4





#83

tert-Butylbenzene

Concen: 50.288 ug/l

RT: 11.695 min Scan# 1740

Delta R.T. -0.000 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

Instrument :

MSVOA_X

ClientSampleId :

ICVX102025

Tgt Ion:119 Resp: 309524

Ion Ratio Lower Upper

119 100

91 59.2 30.3 91.0

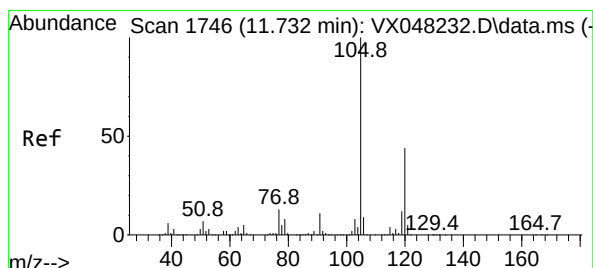
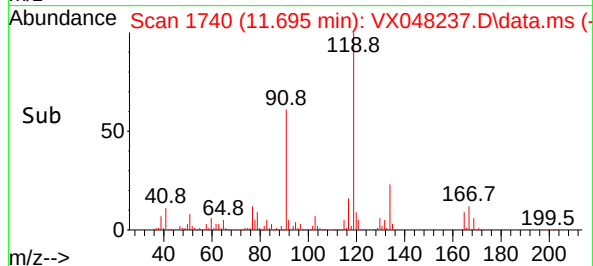
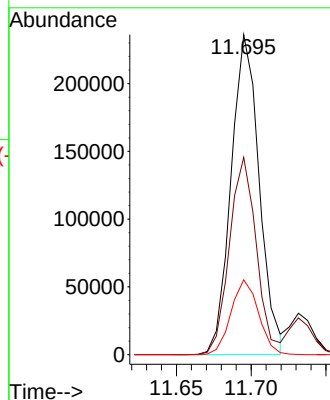
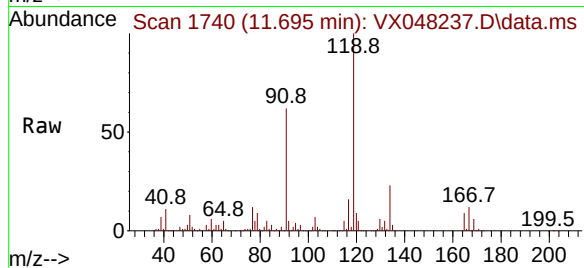
134 22.9 11.4 34.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#84

1,2,4-Trimethylbenzene

Concen: 51.607 ug/l

RT: 11.732 min Scan# 1746

Delta R.T. -0.000 min

Lab File: VX048237.D

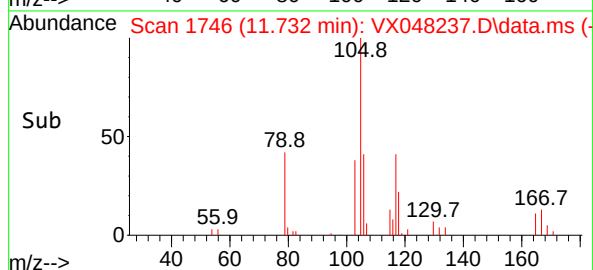
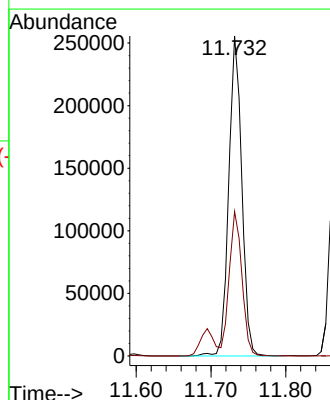
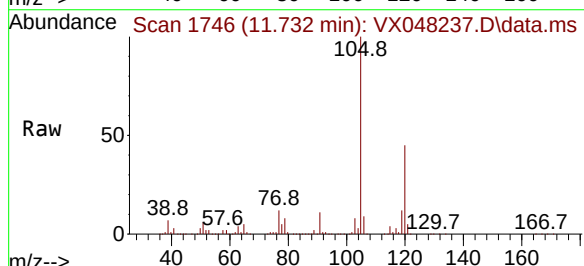
Acq: 20 Oct 2025 14:28

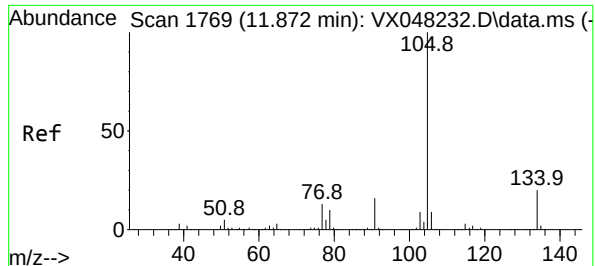
Tgt Ion:105 Resp: 308529

Ion Ratio Lower Upper

105 100

120 44.1 22.1 66.5





#85

sec-Butylbenzene

Concen: 51.230 ug/l

RT: 11.872 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

Instrument :

MSVOA_X

ClientSampleId :

ICVX102025

Tgt Ion:105 Resp: 37936

Ion Ratio Lower Upper

105 100

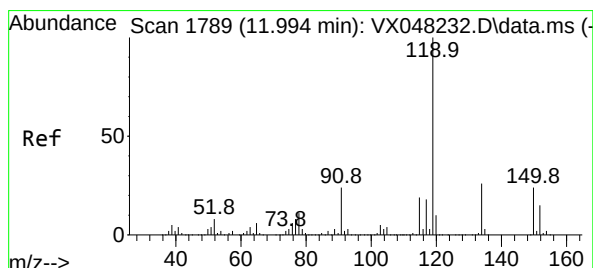
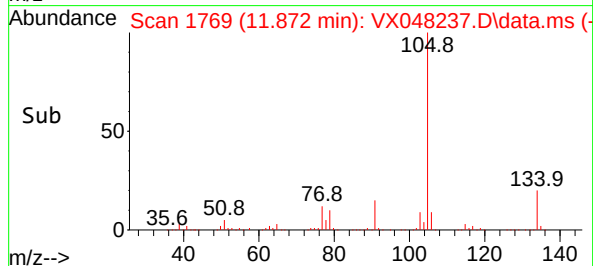
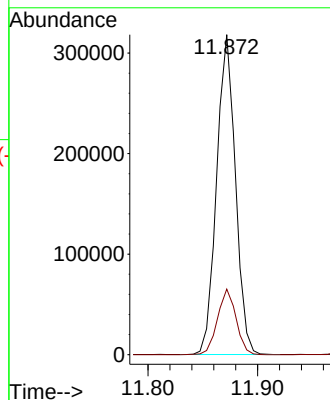
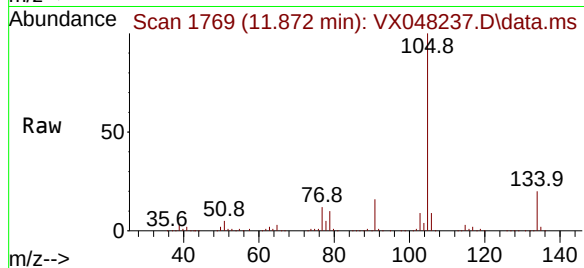
134 20.2 10.1 30.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#86

p-Isopropyltoluene

Concen: 50.686 ug/l

RT: 11.988 min Scan# 1788

Delta R.T. -0.000 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

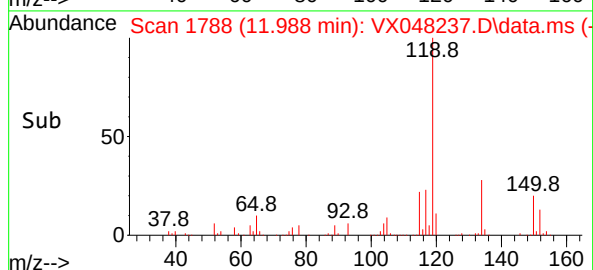
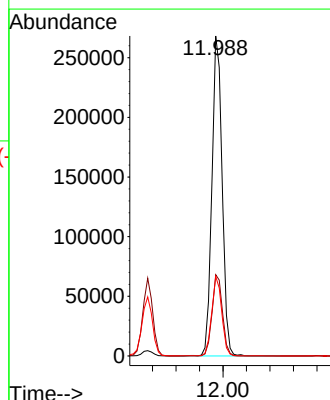
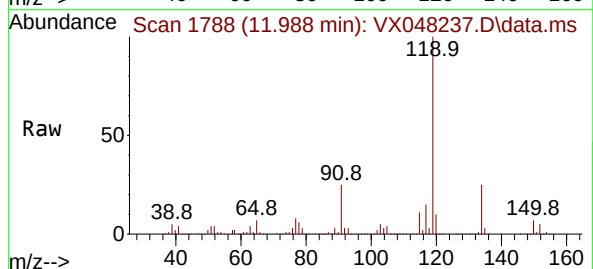
Tgt Ion:119 Resp: 324425

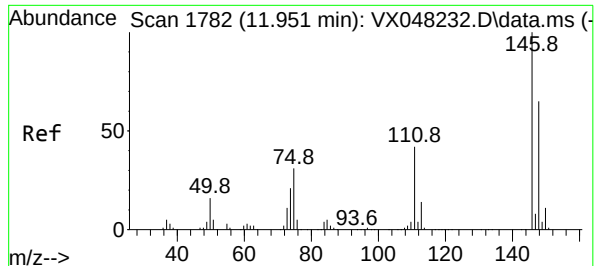
Ion Ratio Lower Upper

119 100

134 25.8 13.0 39.0

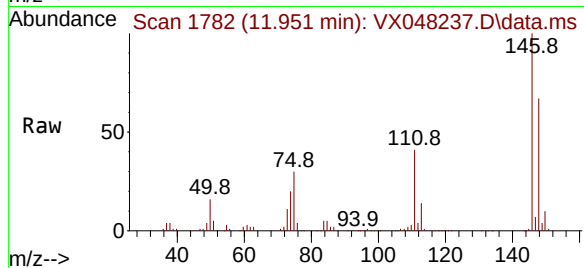
91 24.3 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 48.229 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

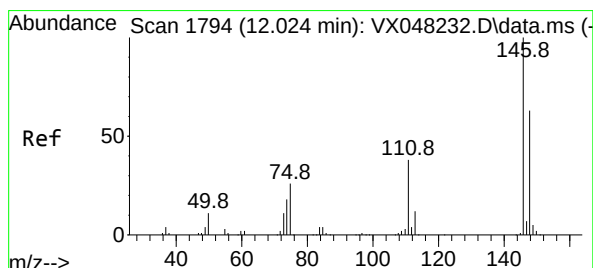
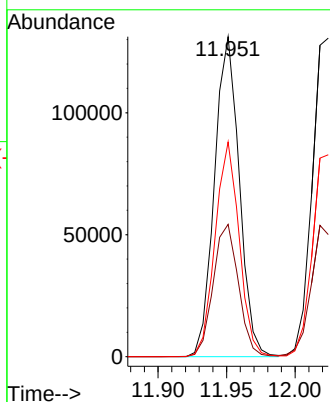
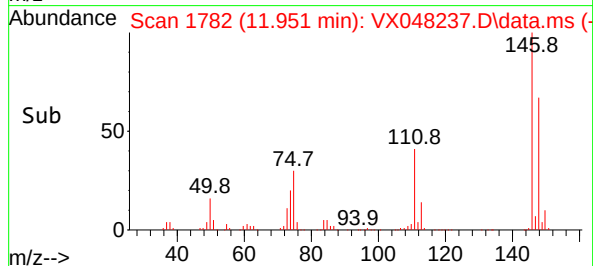
Instrument :
MSVOA_X
ClientSampleId :
ICVX102025



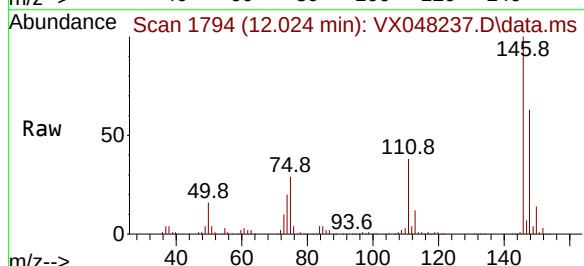
Tgt Ion:146 Resp: 16502
Ion Ratio Lower Upper
146 100
111 42.2 20.4 61.2
148 65.3 31.9 95.9

Manual Integrations
APPROVED

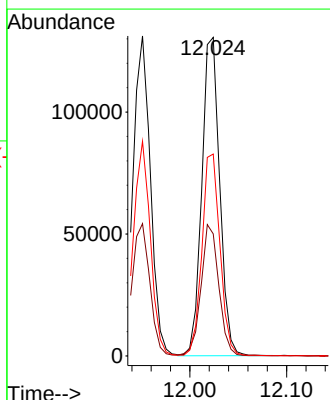
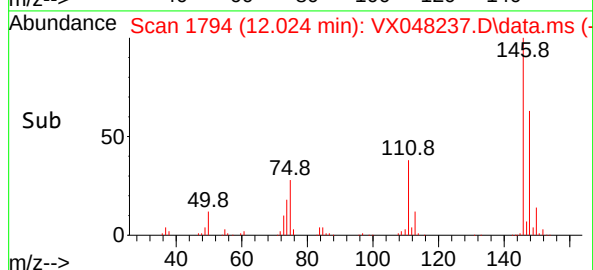
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

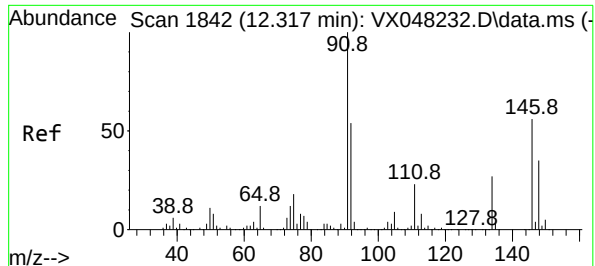


#88
1,4-Dichlorobenzene
Concen: 47.423 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28



Tgt Ion:146 Resp: 168102
Ion Ratio Lower Upper
146 100
111 40.9 20.1 60.2
148 63.9 31.8 95.3





#89

n-Butylbenzene

Concen: 49.728 ug/l

RT: 12.311 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

Instrument :

MSVOA_X

ClientSampleId :

ICVX102025

Tgt Ion: 91 Resp: 289700

Ion Ratio Lower Upper

91 100

92 54.7 26.9 80.6

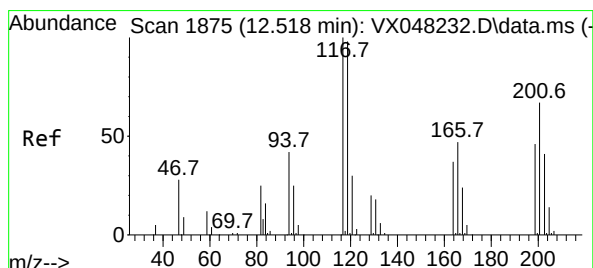
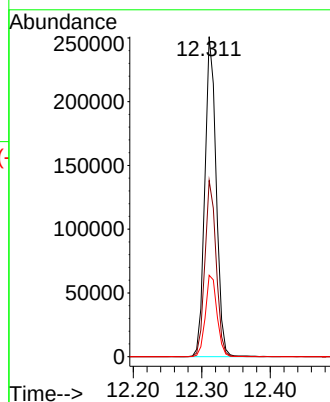
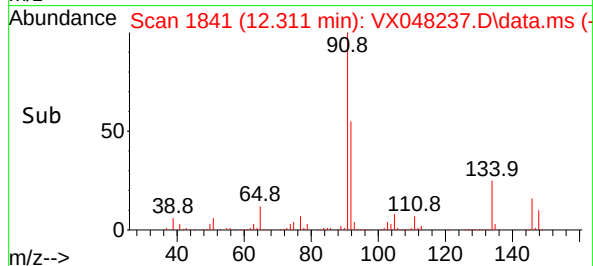
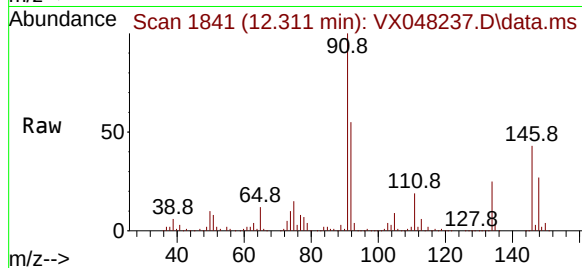
134 26.1 12.7 38.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#90

Hexachloroethane

Concen: 48.437 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VX048237.D

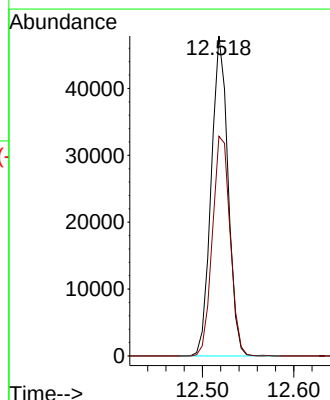
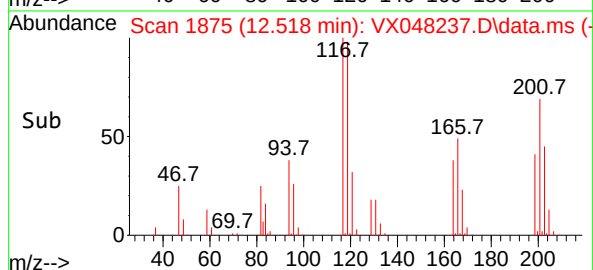
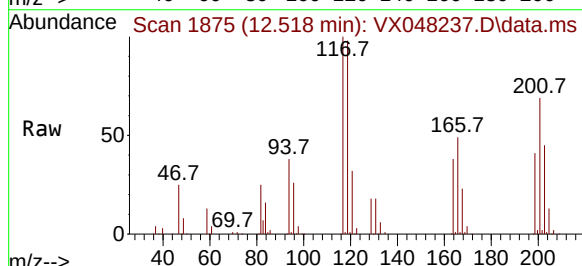
Acq: 20 Oct 2025 14:28

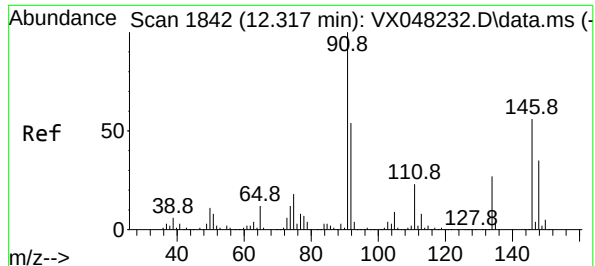
Tgt Ion:117 Resp: 61223

Ion Ratio Lower Upper

117 100

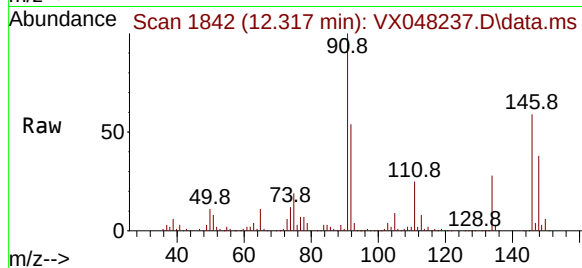
201 72.4 34.1 102.2





#91
1,2-Dichlorobenzene
Concen: 49.123 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

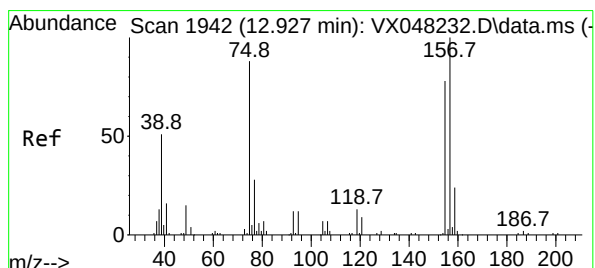
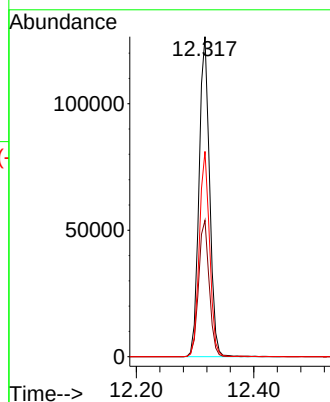
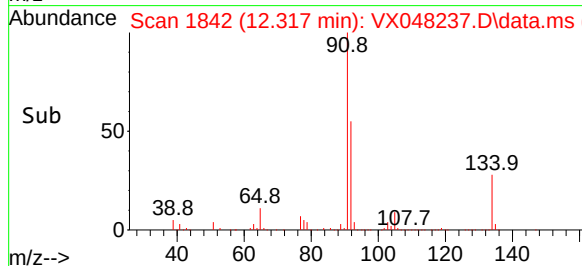
Instrument :
MSVOA_X
ClientSampleId :
ICVX102025



Tgt Ion:146 Resp: 157812
Ion Ratio Lower Upper
146 100
111 42.8 21.9 65.5
148 62.8 31.9 95.5

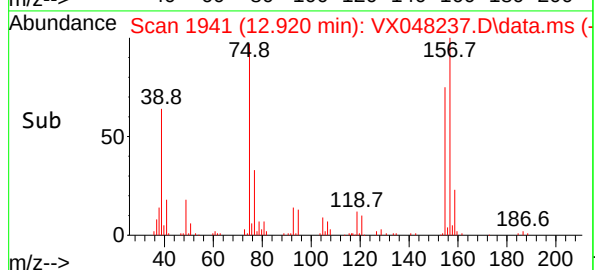
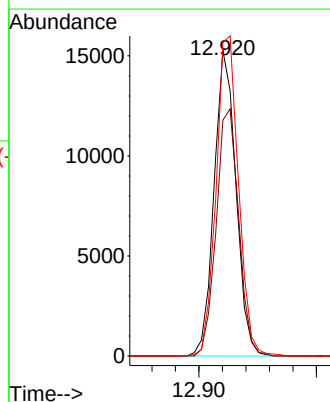
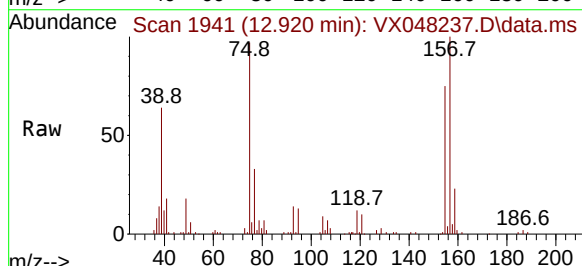
Manual Integrations
APPROVED

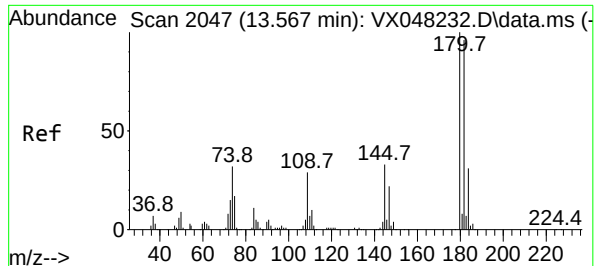
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.072 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 75 Resp: 19691
Ion Ratio Lower Upper
75 100
155 83.2 42.8 128.4
157 107.6 54.2 162.6





#93

1,2,4-Trichlorobenzene

Concen: 46.941 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

Instrument :

MSVOA_X

ClientSampleId :

ICVX102025

Tgt Ion:180 Resp: 10198

Ion Ratio Lower Upper

180 100

182 95.7 47.3 142.0

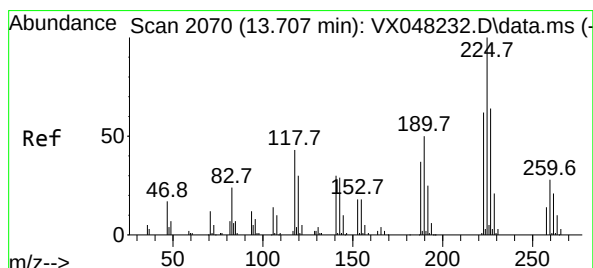
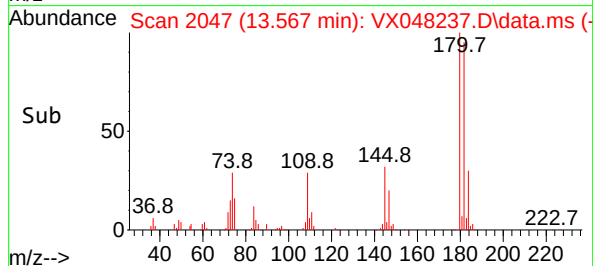
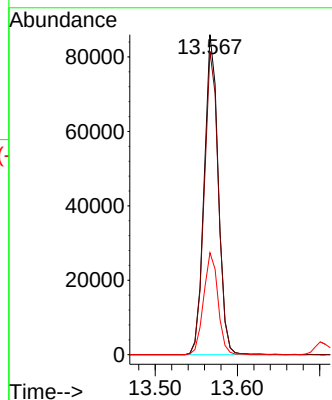
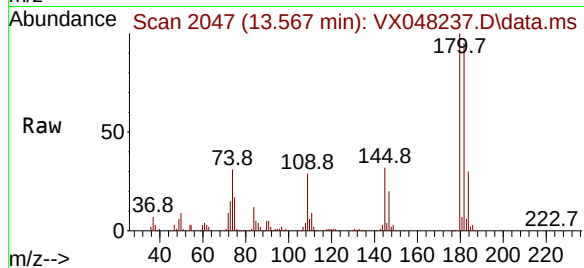
145 32.5 16.3 48.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#94

Hexachlorobutadiene

Concen: 48.274 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. 0.006 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

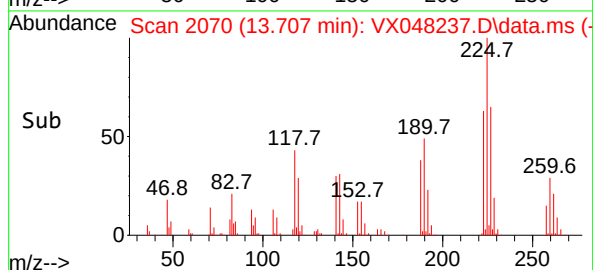
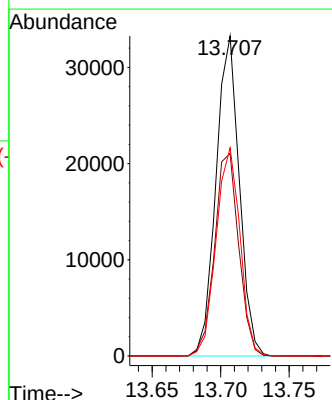
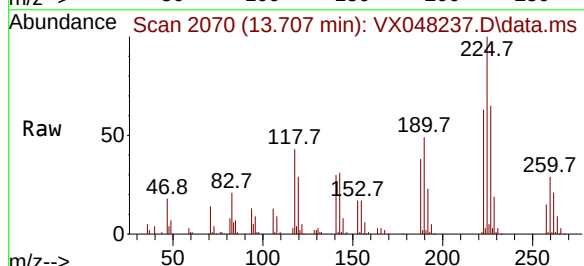
Tgt Ion:225 Resp: 39299

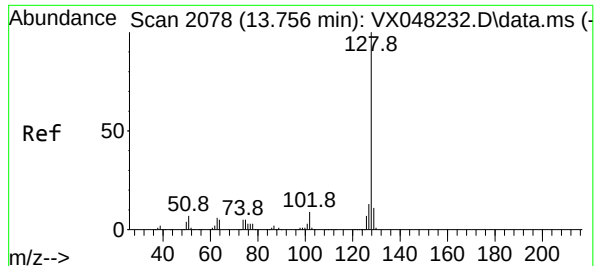
Ion Ratio Lower Upper

225 100

223 65.8 32.6 97.7

227 66.5 32.5 97.4





#95

Naphthalene

Concen: 50.362 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. -0.000 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

Instrument :

MSVOA_X

ClientSampleId :

ICVX102025

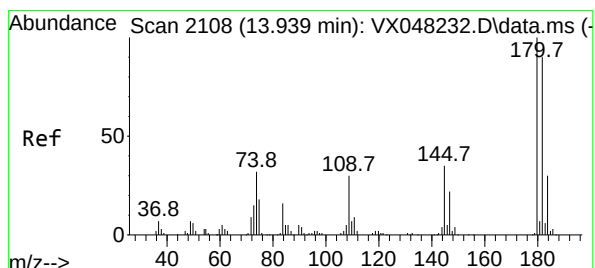
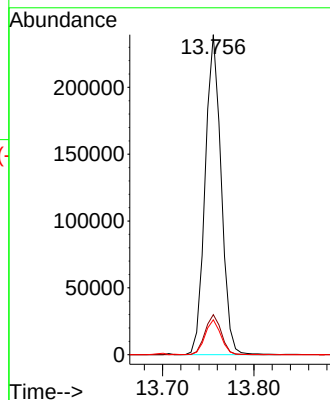
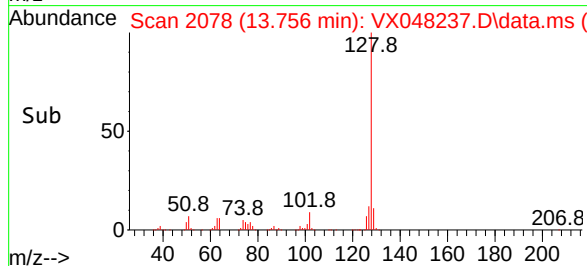
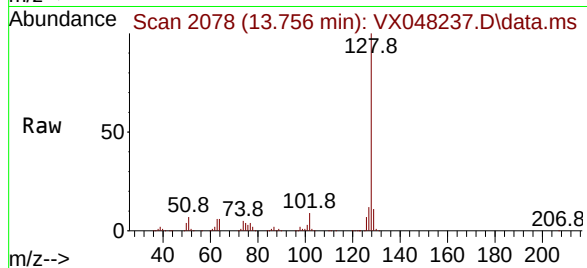
Tgt Ion:	128	Resp:	28988
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.4
129	10.8	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#96

1,2,3-Trichlorobenzene

Concen: 48.223 ug/l

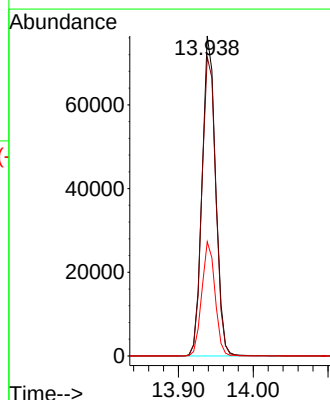
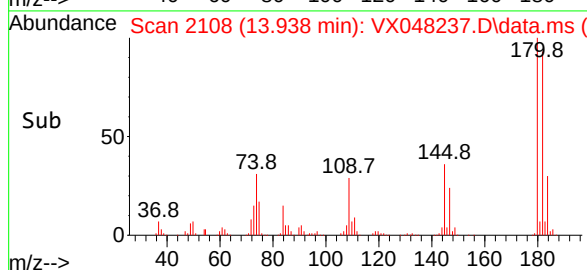
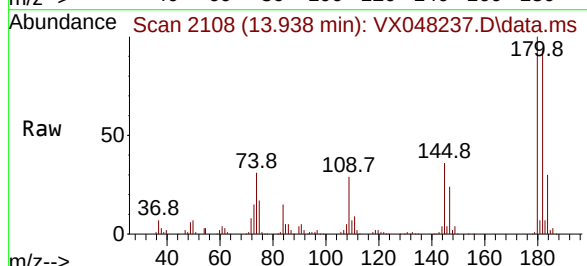
RT: 13.938 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

Tgt Ion:	180	Resp:	96139
Ion Ratio	Lower	Upper	
180	100		
182	95.9	46.6	139.7
145	34.8	16.9	50.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
 Data File : VX048237.D
 Acq On : 20 Oct 2025 14:28
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102025

Quant Time: Oct 20 16:37:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 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	116	-0.01
2 T	Dichlorodifluoromethane	0.514	0.528	-2.7	127	0.00
3 P	Chloromethane	0.480	0.513	-6.9	133	0.00
4 C	Vinyl Chloride	0.444	0.493	-11.0#	138	0.00
5 T	Bromomethane	0.302	0.331	-9.6	136	0.00
6 T	Chloroethane	0.261	0.294	-12.6	139	0.00
7 T	Trichlorofluoromethane	0.852	0.890	-4.5	128	0.00
8 T	Diethyl Ether	0.240	0.258	-7.5	135	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.540	0.578	-7.0	134	0.00
10 T	Methyl Iodide	0.678	0.651	4.0	114	0.00
11 T	Tert butyl alcohol	0.070	0.062	11.4	117	0.00
12 CM	1,1-Dichloroethene	0.525	0.546	-4.0#	131	0.00
13 T	Acrolein	0.071	0.071	0.0	126	0.00
14 T	Allyl chloride	0.872	0.891	-2.2	129	0.00
15 T	Acrylonitrile	0.251	0.252	-0.4	122	0.00
16 T	Acetone	0.240	0.211	12.1	121	0.00
17 T	Carbon Disulfide	1.654	1.614	2.4	130	0.00
18 T	Methyl Acetate	0.502	0.494	1.6	123	0.00
19 T	Methyl tert-butyl Ether	1.791	1.761	1.7	120	0.00
20 T	Methylene Chloride	0.586	0.598	-2.0	126	0.00
21 T	trans-1,2-Dichloroethene	0.577	0.587	-1.7	128	0.00
22 T	Diisopropyl ether	1.738	1.796	-3.3	126	0.00
23 T	Vinyl Acetate	1.389	1.445	-4.0	125	0.00
24 P	1,1-Dichloroethane	1.051	1.040	1.0	124	0.00
25 T	2-Butanone	0.304	0.290	4.6	120	0.00
26 T	2,2-Dichloropropane	0.949	0.915	3.6	121	0.00
27 T	cis-1,2-Dichloroethene	0.673	0.678	-0.7	126	-0.01
28 T	Bromochloromethane	0.436	0.406	6.9	107	0.00
29 T	Tetrahydrofuran	0.182	0.177	2.7	120	-0.01
30 C	Chloroform	1.123	1.088	3.1#	121	0.00
31 T	Cyclohexane	0.870	0.916	-5.3	130	0.00
32 T	1,1,1-Trichloroethane	1.035	1.000	3.4	120	-0.01
33 S	1,2-Dichloroethane-d4	0.701	0.641	8.6	109	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	114	0.00
35 S	Dibromofluoromethane	0.341	0.334	2.1	115	0.00
36 T	1,1-Dichloropropene	0.485	0.479	1.2	126	-0.01
37 T	Ethyl Acetate	0.402	0.384	4.5	119	0.00
38 T	Carbon Tetrachloride	0.599	0.577	3.7	119	0.00
39 T	Methylcyclohexane	0.573	0.604	-5.4	127	0.00
40 TM	Benzene	1.409	1.415	-0.4	124	0.00
41 T	Methacrylonitrile	0.211	0.213	-0.9	118	-0.01
42 TM	1,2-Dichloroethane	0.520	0.509	2.1	116	0.00
43 T	Isopropyl Acetate	0.661	0.658	0.5	118	0.00
44 TM	Trichloroethene	0.372	0.376	-1.1	123	0.00
45 C	1,2-Dichloropropane	0.335	0.342	-2.1#	121	0.00
46 T	Dibromomethane	0.261	0.255	2.3	118	0.00
47 T	Bromodichloromethane	0.563	0.546	3.0	115	0.00
48 T	Methyl methacrylate	0.333	0.330	0.9	117	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
 Data File : VX048237.D
 Acq On : 20 Oct 2025 14:28
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVVX102025

Quant Time: Oct 20 16:37:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.004	0.004	0.0	113	0.00
50 S	Toluene-d8	1.196	1.158	3.2	111	0.00
51 T	4-Methyl-2-Pentanone	0.381	0.373	2.1	113	0.00
52 CM	Toluene	0.895	0.896	-0.1#	118	0.00
53 T	t-1,3-Dichloropropene	0.543	0.543	0.0	113	0.00
54 T	cis-1,3-Dichloropropene	0.586	0.585	0.2	116	0.00
55 T	1,1,2-Trichloroethane	0.333	0.330	0.9	117	0.00
56 T	Ethyl methacrylate	0.487	0.486	0.2	113	0.00
57 T	1,3-Dichloropropane	0.568	0.560	1.4	116	0.00
58 T	2-Chloroethyl Vinyl ether	0.232	0.253	-9.1	111	0.00
59 T	2-Hexanone	0.266	0.261	1.9	112	0.00
60 T	Dibromochloromethane	0.447	0.425	4.9	114	0.00
61 T	1,2-Dibromoethane	0.355	0.350	1.4	116	0.00
62 S	4-Bromofluorobenzene	0.455	0.426	6.4	109	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	109	0.00
64 T	Tetrachloroethene	0.373	0.363	2.7	121	0.00
65 PM	Chlorobenzene	1.125	1.127	-0.2	118	0.00
66 T	1,1,1,2-Tetrachloroethane	0.413	0.405	1.9	113	0.00
67 C	Ethyl Benzene	1.915	1.946	-1.6#	116	0.00
68 T	m/p-Xylenes	0.712	0.729	-2.4	116	0.00
69 T	o-Xylene	0.687	0.693	-0.9	114	0.00
70 T	Styrene	1.170	1.208	-3.2	115	0.00
71 P	Bromoform	0.330	0.319	3.3	113	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	107	0.00
73 T	Isopropylbenzene	3.652	3.773	-3.3	118	0.00
74 T	N-amyl acetate	1.295	1.332	-2.9	114	0.00
75 P	1,1,2,2-Tetrachloroethane	0.997	0.996	0.1	113	0.00
76 T	1,2,3-Trichloropropane	0.811	0.818	-0.9	119	0.00
77 T	Bromobenzene	0.916	0.918	-0.2	114	0.00
78 T	n-propylbenzene	4.228	4.396	-4.0	117	0.00
79 T	2-Chlorotoluene	2.564	2.603	-1.5	116	0.00
80 T	1,3,5-Trimethylbenzene	3.022	3.078	-1.9	115	0.00
81 T	trans-1,4-Dichloro-2-butene	0.333	0.333	0.0	113	0.00
82 T	4-Chlorotoluene	3.043	3.074	-1.0	114	0.00
83 T	tert-Butylbenzene	3.105	3.123	-0.6	115	0.00
84 T	1,2,4-Trimethylbenzene	3.016	3.113	-3.2	116	0.00
85 T	sec-Butylbenzene	3.736	3.828	-2.5	118	0.00
86 T	p-Isopropyltoluene	3.229	3.273	-1.4	117	0.00
87 T	1,3-Dichlorobenzene	1.726	1.665	3.5	115	0.00
88 T	1,4-Dichlorobenzene	1.788	1.696	5.1	115	0.00
89 T	n-Butylbenzene	2.939	2.923	0.5	119	0.00
90 T	Hexachloroethane	0.638	0.618	3.1	116	0.00
91 T	1,2-Dichlorobenzene	1.621	1.592	1.8	114	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.202	0.199	1.5	109	0.00
93 T	1,2,4-Trichlorobenzene	1.096	1.029	6.1	115	0.00
94 T	Hexachlorobutadiene	0.507	0.397	21.7	114	0.00
95 T	Naphthalene	2.904	2.925	-0.7	113	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048237.D
Acq On : 20 Oct 2025 14:28
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Quant Time: Oct 20 16:37:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.006	0.970	3.6	114	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX102025\
 Data File : WX048237.D
 Acq On : 20 Oct 2025 14:28
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102025

Quant Time: Oct 20 16:37:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 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	116	-0.01
2 T	Dichlorodifluoromethane	50.000	51.331	-2.7	127	0.00
3 P	Chloromethane	50.000	53.491	-7.0	133	0.00
4 C	Vinyl Chloride	50.000	55.441	-10.9#	138	0.00
5 T	Bromomethane	50.000	54.847	-9.7	136	0.00
6 T	Chloroethane	50.000	56.320	-12.6	139	0.00
7 T	Trichlorofluoromethane	50.000	52.209	-4.4	128	0.00
8 T	Diethyl Ether	50.000	53.742	-7.5	135	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.589	-7.2	134	0.00
10 T	Methyl Iodide	50.000	47.994	4.0	114	0.00
11 T	Tert butyl alcohol	250.000	223.693	10.5	117	0.00
12 CM	1,1-Dichloroethene	50.000	52.043	-4.1#	131	0.00
13 T	Acrolein	250.000	249.473	0.2	126	0.00
14 T	Allyl chloride	50.000	51.099	-2.2	129	0.00
15 T	Acrylonitrile	250.000	250.900	-0.4	122	0.00
16 T	Acetone	250.000	219.789	12.1	121	0.00
17 T	Carbon Disulfide	50.000	48.792	2.4	130	0.00
18 T	Methyl Acetate	50.000	49.190	1.6	123	0.00
19 T	Methyl tert-butyl Ether	50.000	49.162	1.7	120	0.00
20 T	Methylene Chloride	50.000	51.066	-2.1	126	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.932	-1.9	128	0.00
22 T	Diisopropyl ether	50.000	51.665	-3.3	126	0.00
23 T	Vinyl Acetate	250.000	260.168	-4.1	125	0.00
24 P	1,1-Dichloroethane	50.000	49.490	1.0	124	0.00
25 T	2-Butanone	250.000	238.354	4.7	120	0.00
26 T	2,2-Dichloropropane	50.000	48.230	3.5	121	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.350	-0.7	126	-0.01
28 T	Bromochloromethane	50.000	46.587	6.8	107	0.00
29 T	Tetrahydrofuran	250.000	242.572	3.0	120	-0.01
30 C	Chloroform	50.000	48.427	3.1#	121	0.00
31 T	Cyclohexane	50.000	52.646	-5.3	130	0.00
32 T	1,1,1-Trichloroethane	50.000	48.309	3.4	120	-0.01
33 S	1,2-Dichloroethane-d4	50.000	45.687	8.6	109	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	114	0.00
35 S	Dibromofluoromethane	50.000	48.951	2.1	115	0.00
36 T	1,1-Dichloropropene	50.000	49.344	1.3	126	-0.01
37 T	Ethyl Acetate	50.000	47.684	4.6	119	0.00
38 T	Carbon Tetrachloride	50.000	48.228	3.5	119	0.00
39 T	Methylcyclohexane	50.000	52.670	-5.3	127	0.00
40 TM	Benzene	50.000	50.241	-0.5	124	0.00
41 T	Methacrylonitrile	50.000	50.358	-0.7	118	-0.01
42 TM	1,2-Dichloroethane	50.000	48.963	2.1	116	0.00
43 T	Isopropyl Acetate	50.000	49.816	0.4	118	0.00
44 TM	Trichloroethene	50.000	50.582	-1.2	123	0.00
45 C	1,2-Dichloropropane	50.000	50.994	-2.0#	121	0.00
46 T	Dibromomethane	50.000	48.913	2.2	118	0.00
47 T	Bromodichloromethane	50.000	48.459	3.1	115	0.00
48 T	Methyl methacrylate	50.000	49.519	1.0	117	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX102025\
 Data File : WX048237.D
 Acq On : 20 Oct 2025 14:28
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX102025

Quant Time: Oct 20 16:37:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 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	1000.197	-0.0	113	0.00
50 S	Toluene-d8	50.000	48.386	3.2	111	0.00
51 T	4-Methyl-2-Pentanone	250.000	244.897	2.0	113	0.00
52 CM	Toluene	50.000	50.088	-0.2#	118	0.00
53 T	t-1,3-Dichloropropene	50.000	50.004	-0.0	113	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.944	0.1	116	0.00
55 T	1,1,2-Trichloroethane	50.000	49.597	0.8	117	0.00
56 T	Ethyl methacrylate	50.000	49.964	0.1	113	0.00
57 T	1,3-Dichloropropane	50.000	49.226	1.5	116	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	242.124	3.2	111	0.00
59 T	2-Hexanone	250.000	246.102	1.6	112	0.00
60 T	Dibromochloromethane	50.000	47.530	4.9	114	0.00
61 T	1,2-Dibromoethane	50.000	49.319	1.4	116	0.00
62 S	4-Bromofluorobenzene	50.000	46.795	6.4	109	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	109	0.00
64 T	Tetrachloroethene	50.000	48.686	2.6	121	0.00
65 PM	Chlorobenzene	50.000	50.095	-0.2	118	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.014	2.0	113	0.00
67 C	Ethyl Benzene	50.000	50.798	-1.6#	116	0.00
68 T	m/p-Xylenes	100.000	102.416	-2.4	116	0.00
69 T	o-Xylene	50.000	50.424	-0.8	114	0.00
70 T	Styrene	50.000	51.651	-3.3	115	0.00
71 P	Bromoform	50.000	48.250	3.5	113	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	107	0.00
73 T	Isopropylbenzene	50.000	51.658	-3.3	118	0.00
74 T	N-amyl acetate	50.000	51.399	-2.8	114	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.936	0.1	113	0.00
76 T	1,2,3-Trichloropropane	50.000	50.456	-0.9	119	0.00
77 T	Bromobenzene	50.000	50.135	-0.3	114	0.00
78 T	n-propylbenzene	50.000	51.980	-4.0	117	0.00
79 T	2-Chlorotoluene	50.000	50.760	-1.5	116	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.918	-1.8	115	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.995	0.0	113	0.00
82 T	4-Chlorotoluene	50.000	50.507	-1.0	114	0.00
83 T	tert-Butylbenzene	50.000	50.288	-0.6	115	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.607	-3.2	116	0.00
85 T	sec-Butylbenzene	50.000	51.230	-2.5	118	0.00
86 T	p-Isopropyltoluene	50.000	50.686	-1.4	117	0.00
87 T	1,3-Dichlorobenzene	50.000	48.229	3.5	115	0.00
88 T	1,4-Dichlorobenzene	50.000	47.423	5.2	115	0.00
89 T	n-Butylbenzene	50.000	49.728	0.5	119	0.00
90 T	Hexachloroethane	50.000	48.437	3.1	116	0.00
91 T	1,2-Dichlorobenzene	50.000	49.123	1.8	114	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.072	1.9	109	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.941	6.1	115	0.00
94 T	Hexachlorobutadiene	50.000	48.274	3.5	114	0.00
95 T	Naphthalene	50.000	50.362	-0.7	113	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048237.D
Acq On : 20 Oct 2025 14:28
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Quant Time: Oct 20 16:37:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 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	48.223	3.6	114	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6



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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>ICES02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3399</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>10/22/2025</u> <u>08:37</u>
Lab File ID:	<u>VX048280.D</u>	Init. Calib. Date(s):	<u>10/20/2025</u> <u>10/20/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>10:59</u> <u>13:49</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Vinyl Chloride	0.444	0.420		-5.41	20
1,1-Dichloroethene	0.525	0.556		5.91	20
2-Butanone	0.304	0.297		-2.3	20
Carbon Tetrachloride	0.599	0.685		14.36	20
Chloroform	1.123	1.158		3.12	20
Benzene	1.409	1.476		4.76	20
1,2-Dichloroethane	0.520	0.586		12.69	20
Trichloroethene	0.372	0.403		8.33	20
Tetrachloroethene	0.373	0.399		6.97	20
Chlorobenzene	1.125	1.207	0.3	7.29	20
1,2-Dichloroethane-d4	0.701	0.677		-3.42	20
Dibromofluoromethane	0.341	0.353		3.52	20
Toluene-d8	1.196	1.188		-0.67	20
4-Bromofluorobenzene	0.455	0.440		-3.3	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
 Data File : VX048280.D
 Acq On : 22 Oct 2025 08:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/24/2025
 Supervised By : Mahesh Dadoda 10/24/2025

Quant Time: Oct 24 05:49:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	112883	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	171616	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	151325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	76595	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	76366	48.250	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.500%		
35) Dibromofluoromethane	5.367	113	60534	51.667	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.340%		
50) Toluene-d8	8.628	98	203851	49.640	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.280%		
62) 4-Bromofluorobenzene	11.061	95	75540	48.352	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.700%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	65265	56.241	ug/l	99
3) Chloromethane	1.300	50	49425	45.630	ug/l	99
4) Vinyl Chloride	1.380	62	47382	47.239	ug/l	100
5) Bromomethane	1.611	94	33539	49.271	ug/l	97
6) Chloroethane	1.691	64	28903	49.038	ug/l	95
7) Trichlorofluoromethane	1.892	101	107357	55.808	ug/l	97
8) Diethyl Ether	2.136	74	26023	48.077	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.331	101	68490	56.225	ug/l	96
10) Methyl Iodide	2.453	142	87087	56.868	ug/l	98
11) Tert butyl alcohol	2.940	59	35785	227.724	ug/l	100
12) 1,1-Dichloroethene	2.319	96	62744	52.943	ug/l	94
13) Acrolein	2.233	56	48081	300.005	ug/l	99
14) Allyl chloride	2.660	41	94077	47.813	ug/l	91
15) Acrylonitrile	3.050	53	131715	232.450	ug/l	98
16) Acetone	2.373	43	154383	284.337	ug/l	99
17) Carbon Disulfide	2.514	76	177992	47.654	ug/l	99
18) Methyl Acetate	2.697	43	51668	45.566	ug/l	93
19) Methyl tert-butyl Ether	3.105	73	209570	51.835	ug/l	93
20) Methylene Chloride	2.788	84	68678	51.912	ug/l	88
21) trans-1,2-Dichloroethene	3.087	96	68104	52.315	ug/l	99
22) Diisopropyl ether	3.745	45	196556	50.085	ug/l #	96
23) Vinyl Acetate	3.709	43	777072	247.880	ug/l	96
24) 1,1-Dichloroethane	3.599	63	120039	50.586	ug/l	100
25) 2-Butanone	4.532	43	167713	244.037	ug/l	97
26) 2,2-Dichloropropane	4.458	77	115554	53.950	ug/l	98
27) cis-1,2-Dichloroethene	4.471	96	77266	50.857	ug/l	100
28) Bromochloromethane	4.879	49	50491	51.316	ug/l #	80
29) Tetrahydrofuran	4.983	42	90001	218.666	ug/l	91
30) Chloroform	5.074	83	130715	51.559	ug/l	94
31) Cyclohexane	5.452	56	98916	50.349	ug/l	86
32) 1,1,1-Trichloroethane	5.361	97	128292	54.907	ug/l	97
36) 1,1-Dichloropropene	5.672	75	89311	53.632	ug/l	99
37) Ethyl Acetate	4.696	43	64504	46.733	ug/l	95
38) Carbon Tetrachloride	5.659	117	117550	57.216	ug/l	96
39) Methylcyclohexane	7.360	83	108726	55.285	ug/l	93
40) Benzene	6.013	78	253259	52.383	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
 Data File : VX048280.D
 Acq On : 22 Oct 2025 08:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/24/2025

Quant Time: Oct 24 05:49:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.897	41	35771	49.349	ug/l	93
42) 1,2-Dichloroethane	6.068	62	100501	56.333	ug/l	100
43) Isopropyl Acetate	6.312	43	108948	48.053	ug/l #	95
44) Trichloroethene	7.104	130	69227	54.227	ug/l	95
45) 1,2-Dichloropropane	7.409	63	59904	52.114	ug/l	97
46) Dibromomethane	7.562	93	47300	52.817	ug/l	93
47) Bromodichloromethane	7.799	83	106527	55.092	ug/l	96
48) Methyl methacrylate	7.671	41	56901	49.735	ug/l	94
49) 1,4-Dioxane	7.641	88	14380	951.387	ug/l	92
51) 4-Methyl-2-Pentanone	8.555	43	310242	237.329	ug/l	94
52) Toluene	8.702	92	163729	53.307	ug/l	99
53) t-1,3-Dichloropropene	8.958	75	101924	54.699	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	107258	53.352	ug/l	94
55) 1,1,2-Trichloroethane	9.134	97	59586	52.167	ug/l	98
56) Ethyl methacrylate	9.098	69	84986	50.869	ug/l	95
57) 1,3-Dichloropropane	9.287	76	101491	52.019	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.220	63	229383	255.311	ug/l	94
59) 2-Hexanone	9.409	43	240369	263.703	ug/l	95
60) Dibromochloromethane	9.500	129	80645	52.530	ug/l	98
61) 1,2-Dibromoethane	9.592	107	64007	52.565	ug/l	96
64) Tetrachloroethene	9.256	164	60402	53.469	ug/l	95
65) Chlorobenzene	10.061	112	182674	53.663	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.146	131	68462	54.756	ug/l	98
67) Ethyl Benzene	10.177	91	314516	54.267	ug/l	96
68) m/p-Xylenes	10.281	106	236784	109.959	ug/l	98
69) o-Xylene	10.622	106	113014	54.361	ug/l	100
70) Styrene	10.634	104	197941	55.916	ug/l	99
71) Bromoform	10.780	173	53116	53.153	ug/l #	100
73) Isopropylbenzene	10.945	105	304903	54.500	ug/l	100
74) N-amyl acetate	10.823	43	96095	48.424	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.195	83	75307	49.292	ug/l	98
76) 1,2,3-Trichloropropane	11.219	75	63201m	50.882	ug/l	
77) Bromobenzene	11.177	156	75059	53.507	ug/l	93
78) n-propylbenzene	11.286	91	356264	55.000	ug/l	98
79) 2-Chlorotoluene	11.347	91	212434	54.093	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	253794	54.818	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	25680	50.299	ug/l	96
82) 4-Chlorotoluene	11.433	91	250734	53.783	ug/l	99
83) tert-Butylbenzene	11.695	119	254160	53.430	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	252256	54.596	ug/l	99
85) sec-Butylbenzene	11.872	105	309120	54.013	ug/l	100
86) p-Isopropyltoluene	11.988	119	269139	54.408	ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	137722	52.079	ug/l	99
88) 1,4-Dichlorobenzene	12.018	146	139405	50.886	ug/l	99
89) n-Butylbenzene	12.311	91	235632	52.334	ug/l	99
90) Hexachloroethane	12.518	117	49234	50.400	ug/l	92
91) 1,2-Dichlorobenzene	12.317	146	129743	52.256	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	15838	51.071	ug/l	96
93) 1,2,4-Trichlorobenzene	13.567	180	85647	51.009	ug/l	97
94) Hexachlorobutadiene	13.707	225	34001	54.034	ug/l	99
95) Naphthalene	13.756	128	226945	51.017	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	78971	51.255	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048280.D
Acq On : 22 Oct 2025 08:37
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

Quant Time: Oct 24 05:49:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

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

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

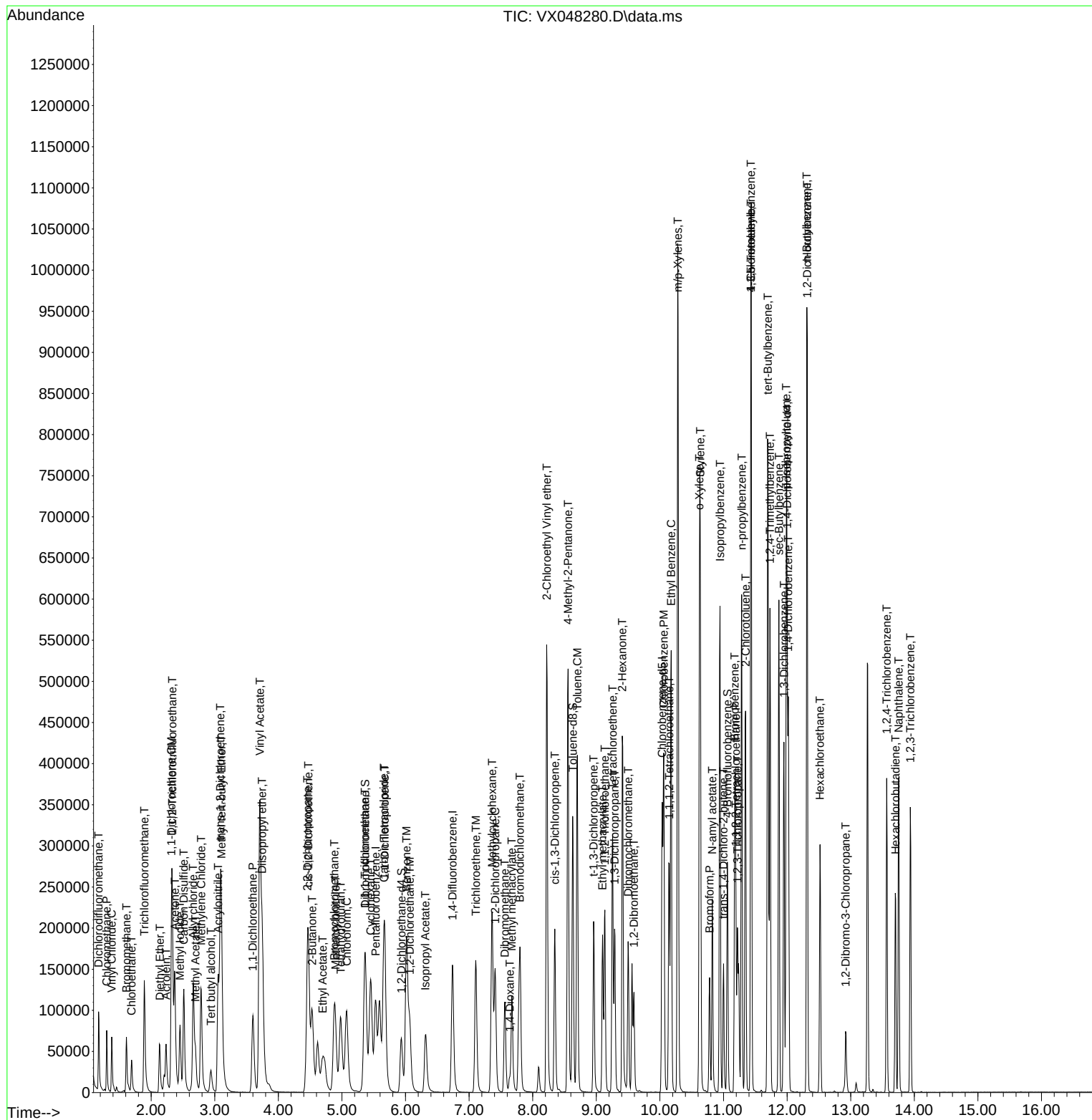
```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\  
Data File : VX048280.D  
Acq On    : 22 Oct 2025   08:37  
Operator  : JC/MD  
Sample    : VSTDCCC050  
Misc      : 5.0mL/MSVOA_X/WATER  
ALS Vial  : 2    Sample Multiplier: 1
```

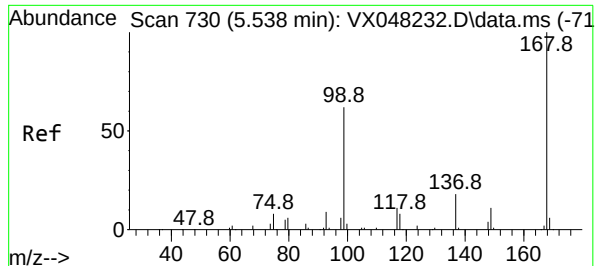
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

Quant Time: Oct 24 05:49:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration



#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.531 min Scan# 71

Delta R.T. -0.013 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 11288

Ion Ratio Lower Upper

168 100

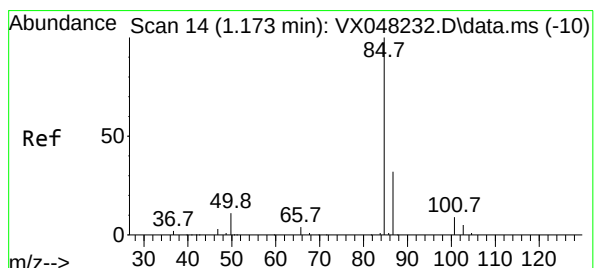
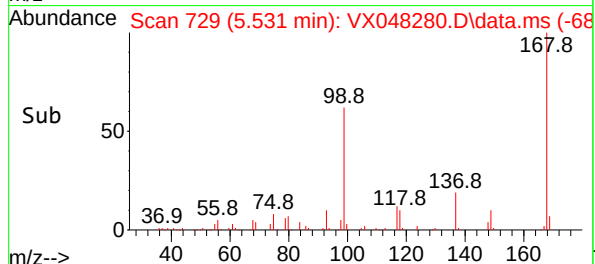
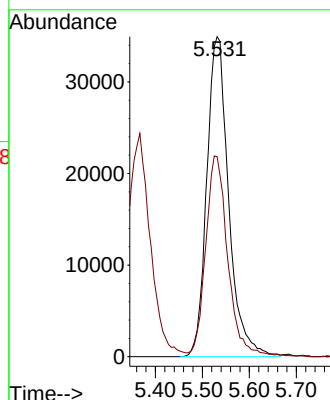
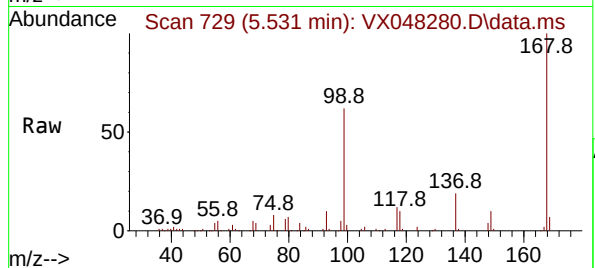
99 62.0 46.4 69.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#2

Dichlorodifluoromethane

Concen: 56.241 ug/l

RT: 1.172 min Scan# 14

Delta R.T. -0.000 min

Lab File: VX048280.D

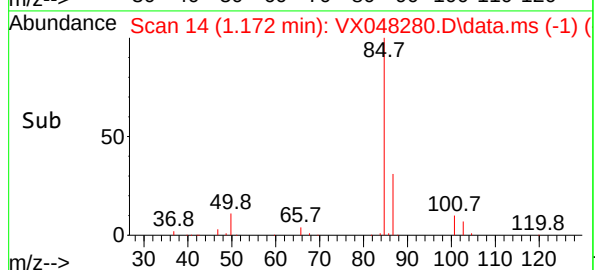
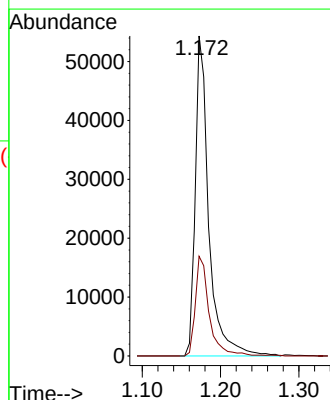
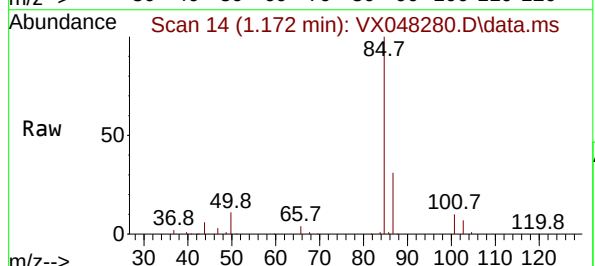
Acq: 22 Oct 2025 08:37

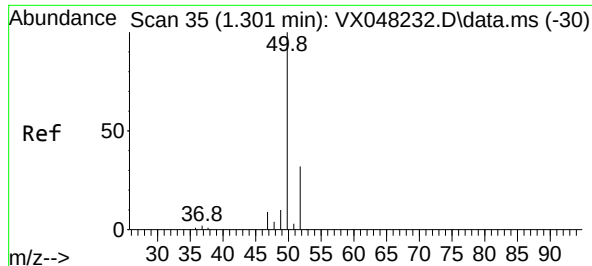
Tgt Ion: 85 Resp: 65265

Ion Ratio Lower Upper

85 100

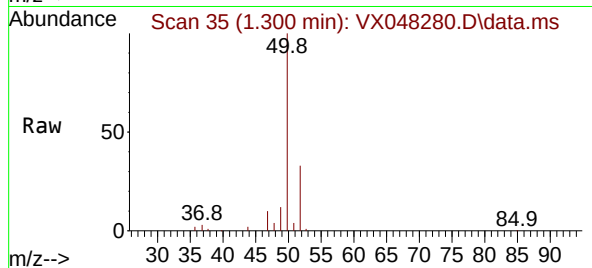
87 31.2 15.3 45.9





#3
Chloromethane
Concen: 45.630 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

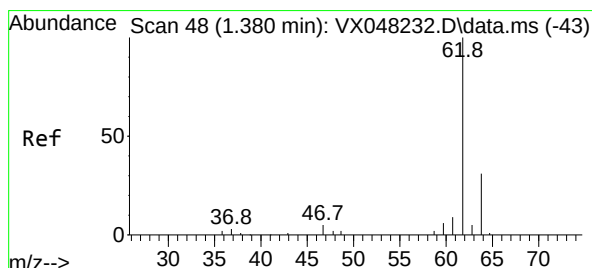
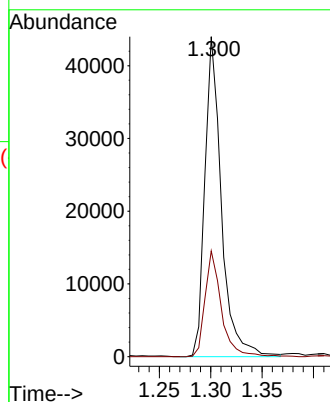
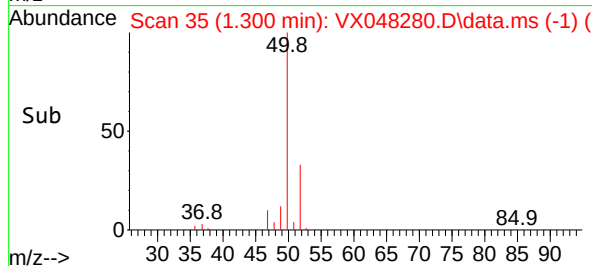
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 49425
Ion Ratio Lower Upper
50 100
52 33.0 25.9 38.9

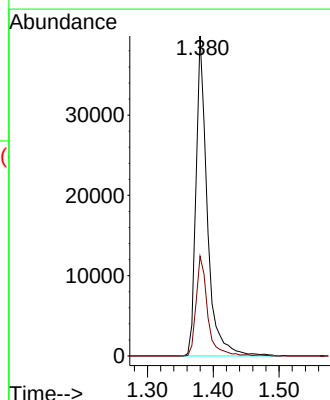
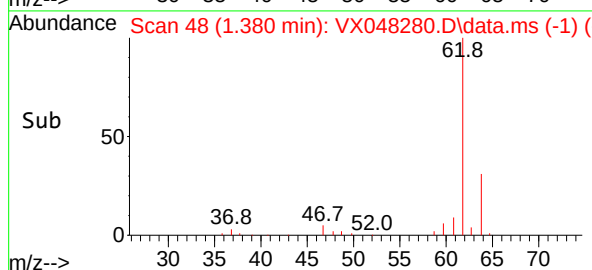
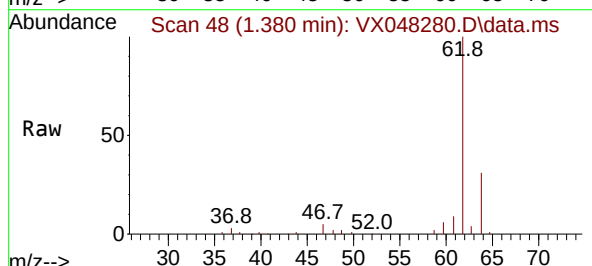
Manual Integrations
APPROVED

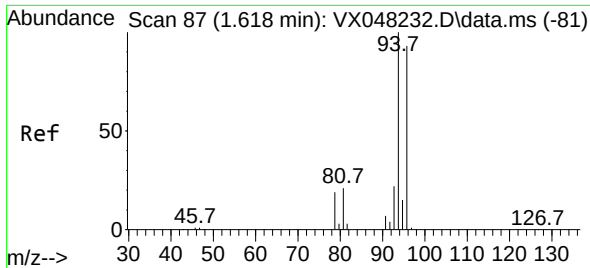
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#4
Vinyl Chloride
Concen: 47.239 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 62 Resp: 47382
Ion Ratio Lower Upper
62 100
64 31.2 25.1 37.7





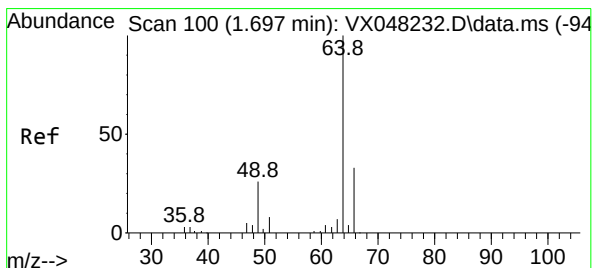
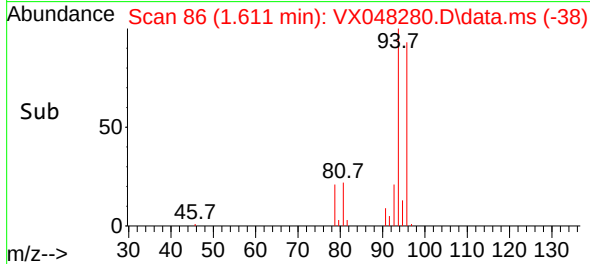
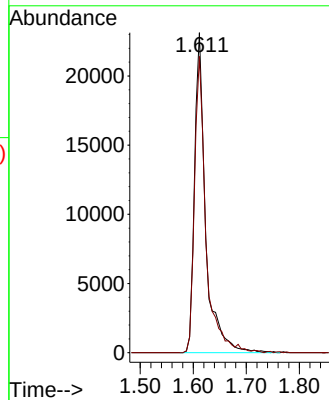
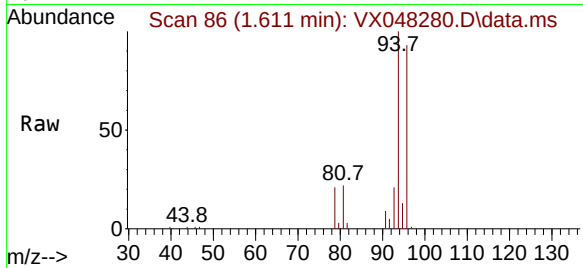
#5
Bromomethane
Concen: 49.271 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 33539
Ion Ratio Lower Upper
94 100
96 92.5 76.0 114.0

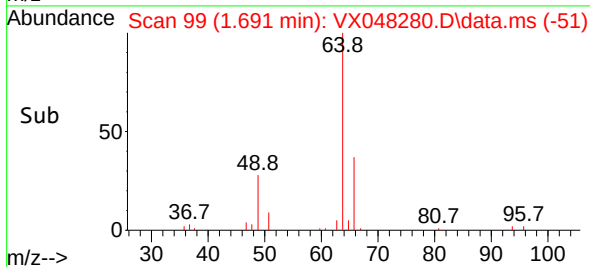
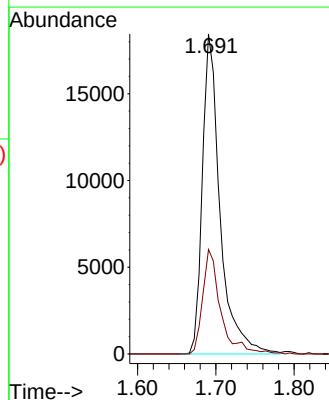
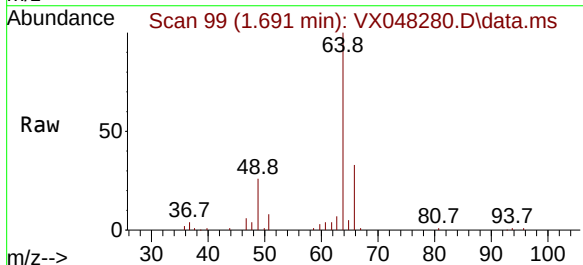
Manual Integrations
APPROVED

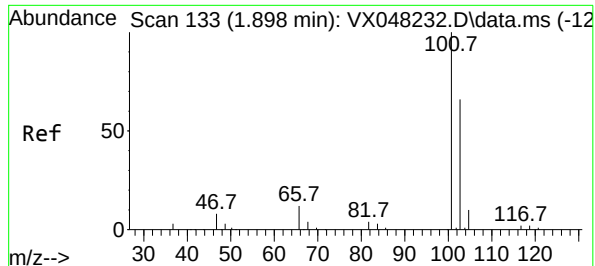
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#6
Chloroethane
Concen: 49.038 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

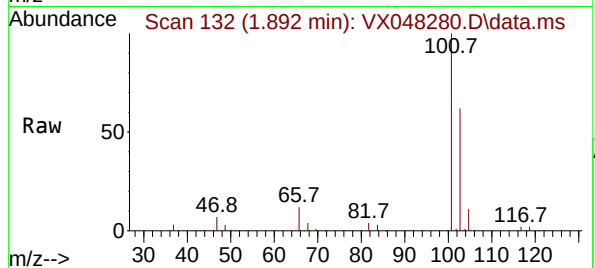
Tgt Ion: 64 Resp: 28903
Ion Ratio Lower Upper
64 100
66 32.7 23.9 35.9





#7
Trichlorofluoromethane
Concen: 55.808 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

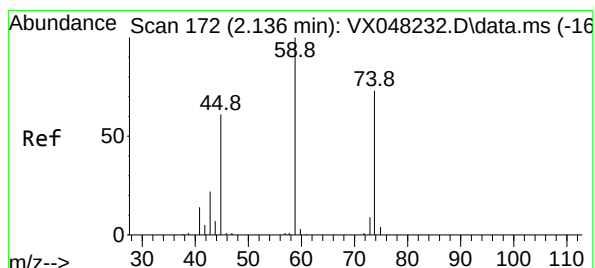
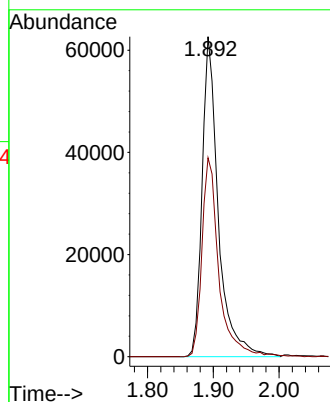
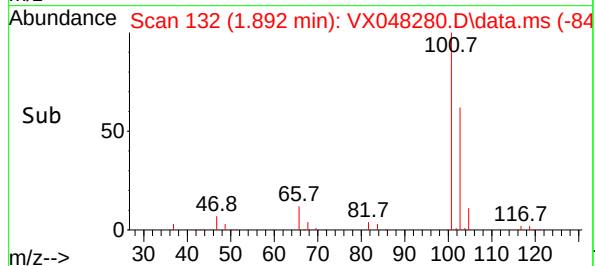
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 10735
Ion Ratio Lower Upper
101 100
103 62.2 51.6 77.4

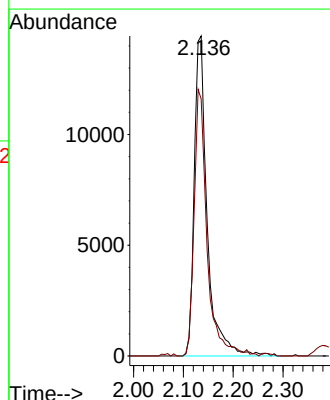
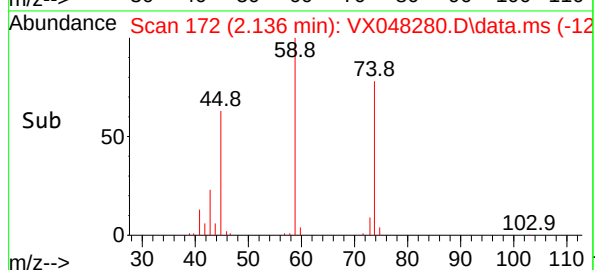
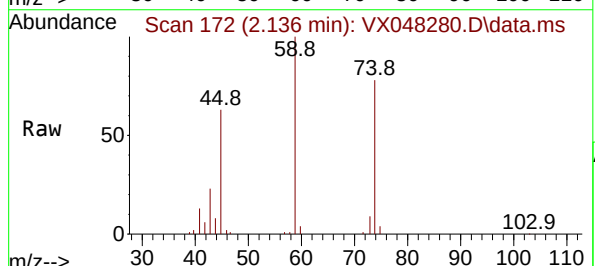
Manual Integrations
APPROVED

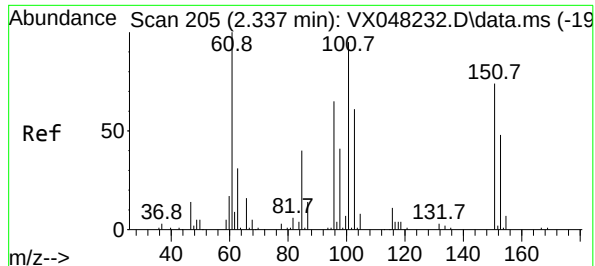
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#8
Diethyl Ether
Concen: 48.077 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

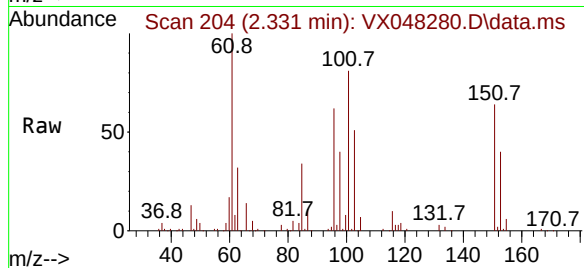
Tgt Ion: 74 Resp: 26023
Ion Ratio Lower Upper
74 100
45 83.1 50.0 149.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.225 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

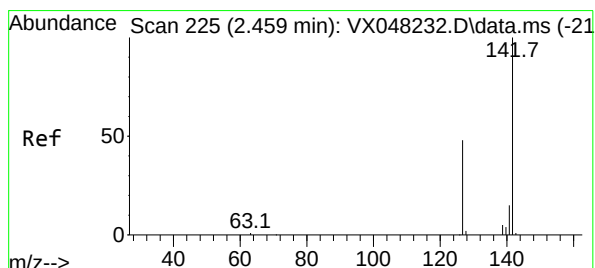
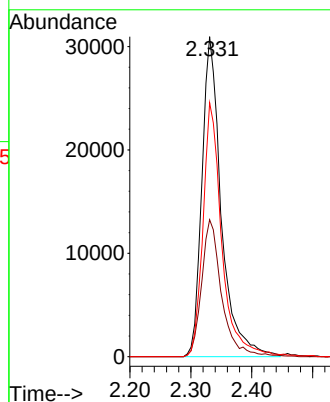
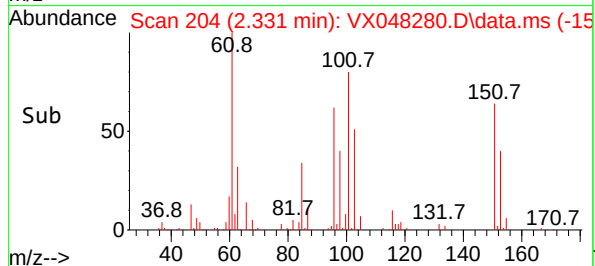
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 68490
Ion Ratio Lower Upper
101 100
85 44.2 35.6 53.4
151 77.3 58.0 87.0

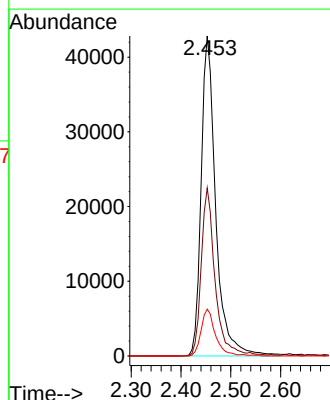
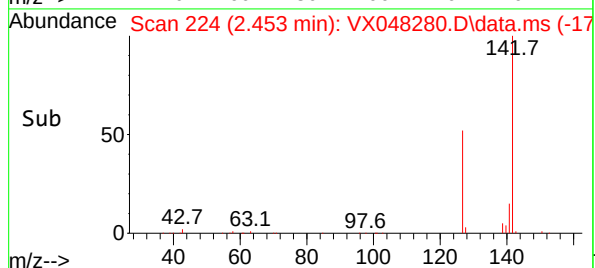
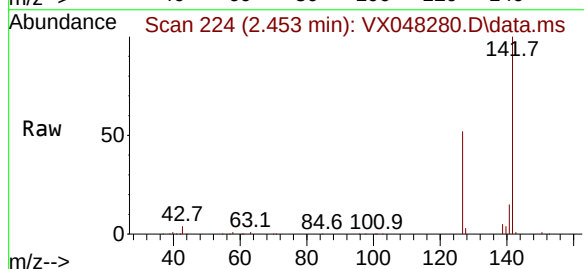
Manual Integrations
APPROVED

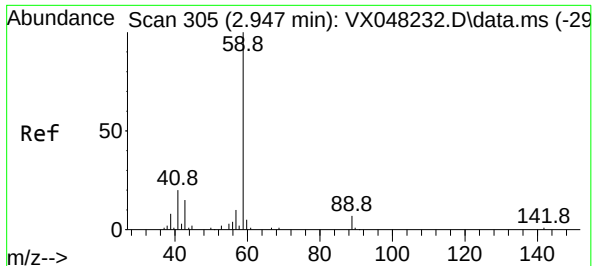
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#10
Methyl Iodide
Concen: 56.868 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:142 Resp: 87087
Ion Ratio Lower Upper
142 100
127 49.9 38.5 57.7
141 14.4 11.6 17.4





#11

Tert butyl alcohol

Concen: 227.724 ug/l

RT: 2.940 min Scan# 305

Delta R.T. -0.000 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 3578

Ion Ratio Lower Upper

59 100

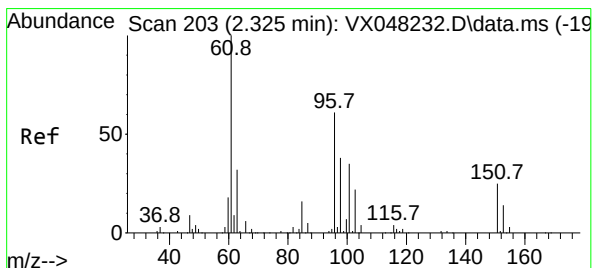
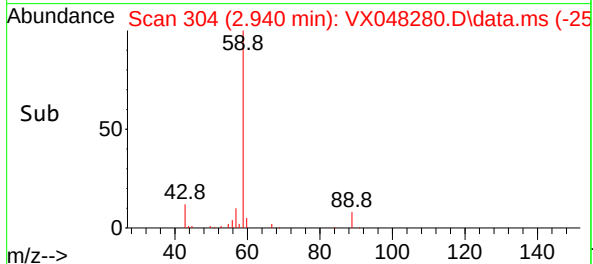
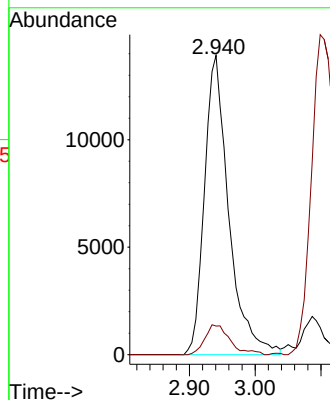
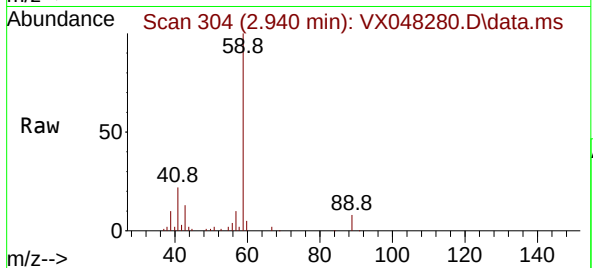
57 10.3 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#12

1,1-Dichloroethene

Concen: 52.943 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.006 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

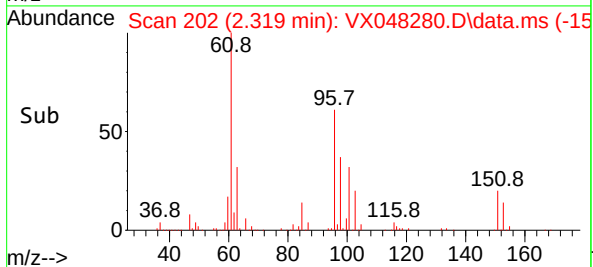
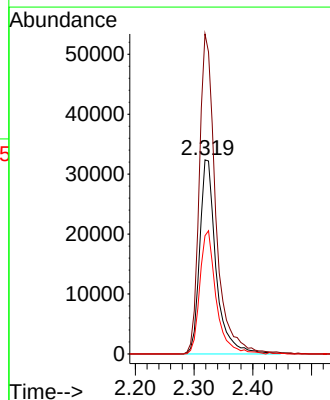
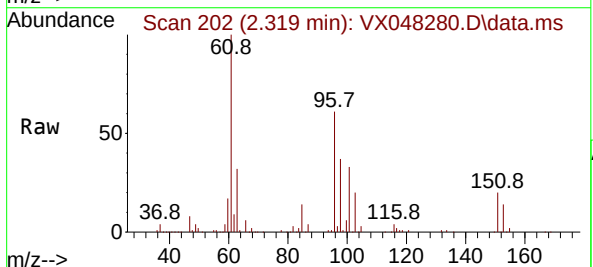
Tgt Ion: 96 Resp: 62744

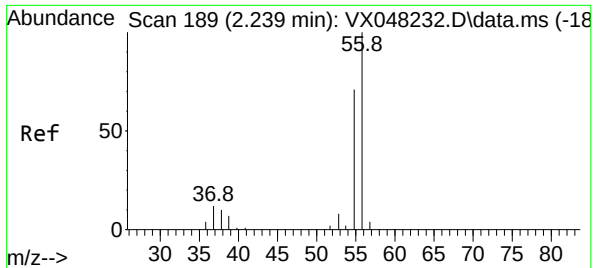
Ion Ratio Lower Upper

96 100

61 164.9 139.0 208.6

98 63.0 52.4 78.6





#13

Acrolein

Concen: 300.005 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 4808

Ion Ratio Lower Upper

56 100

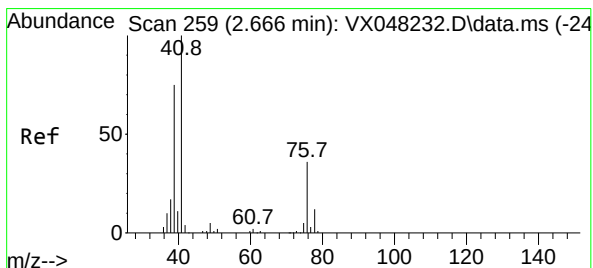
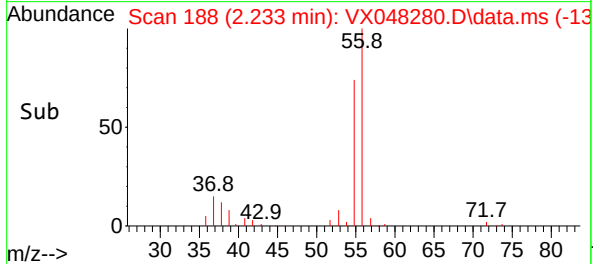
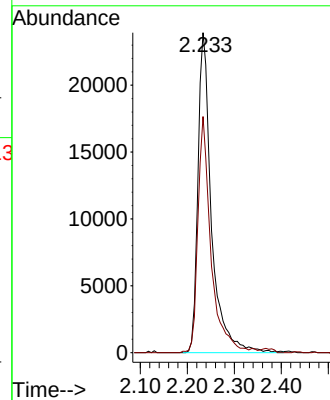
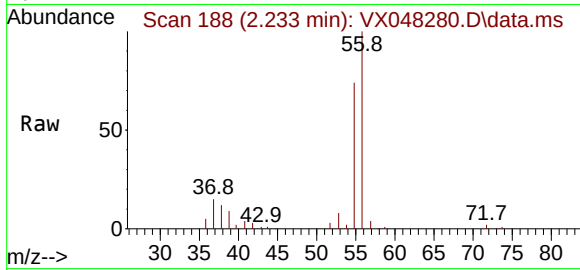
55 71.2 56.1 84.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#14

Allyl chloride

Concen: 47.813 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.006 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

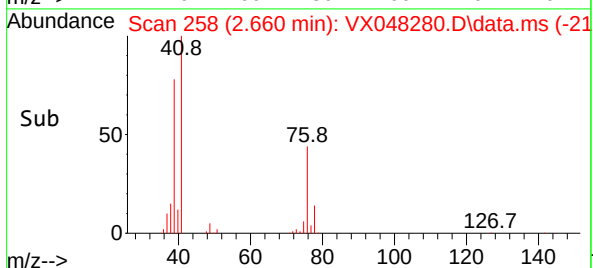
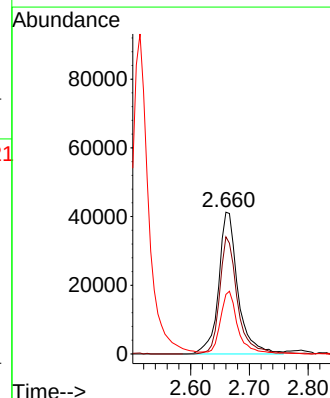
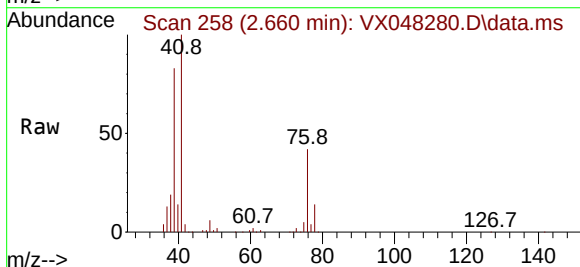
Tgt Ion: 41 Resp: 94077

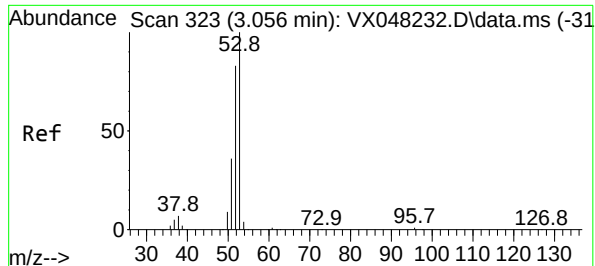
Ion Ratio Lower Upper

41 100

39 76.3 56.0 84.0

76 40.4 27.5 41.3





#15

Acrylonitrile

Concen: 232.450 ug/l

RT: 3.050 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 53 Resp: 13171

Ion Ratio Lower Upper

53 100

52 83.7 66.1 99.1

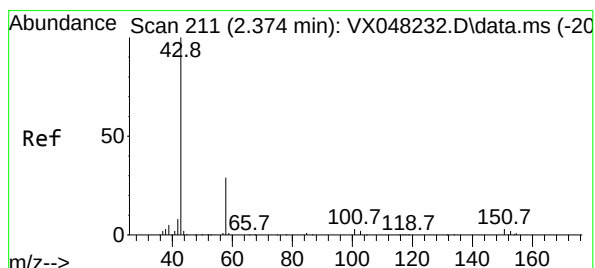
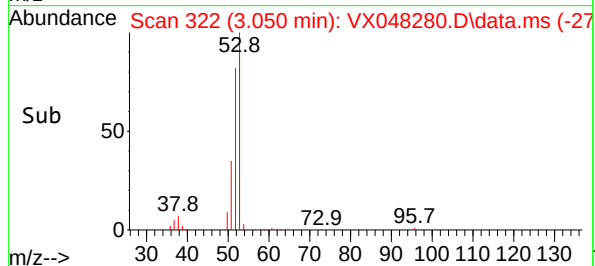
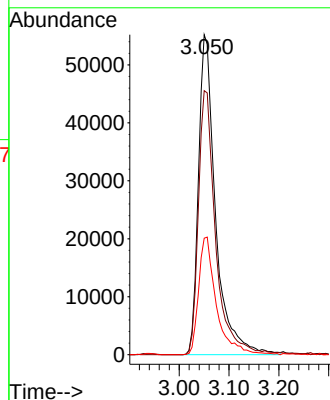
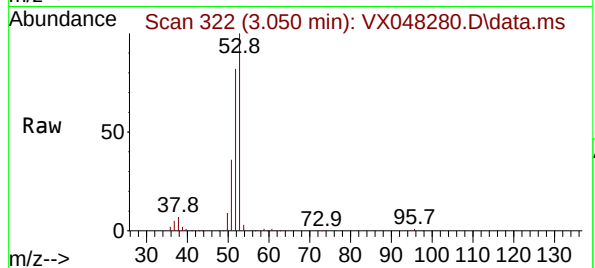
51 38.2 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#16

Acetone

Concen: 284.337 ug/l

RT: 2.373 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX048280.D

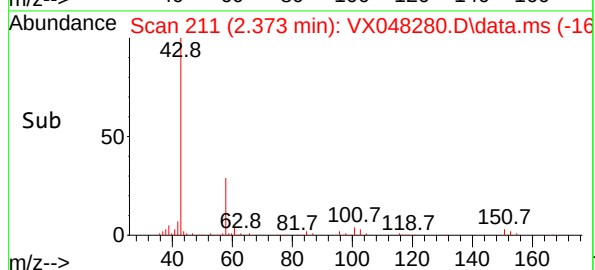
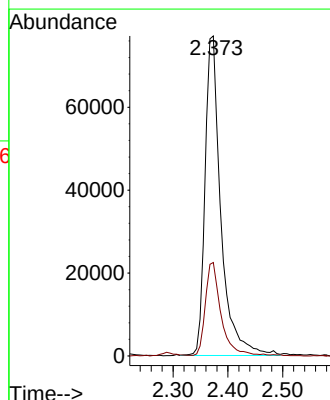
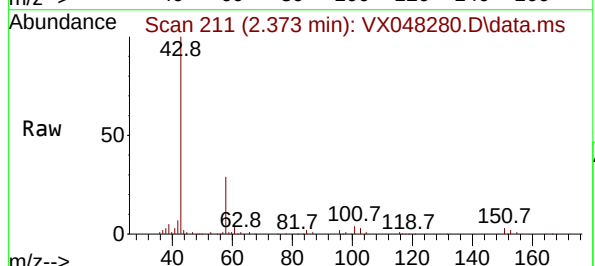
Acq: 22 Oct 2025 08:37

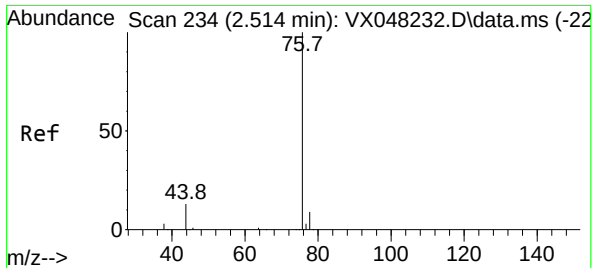
Tgt Ion: 43 Resp: 154383

Ion Ratio Lower Upper

43 100

58 29.0 23.4 35.2





#17

Carbon Disulfide

Concen: 47.654 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX048280.D

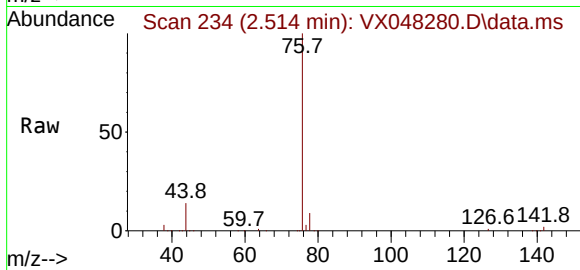
Acq: 22 Oct 2025 08:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 76 Resp: 177992

Ion Ratio Lower Upper

76 100

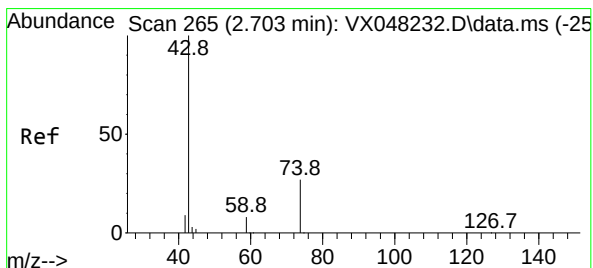
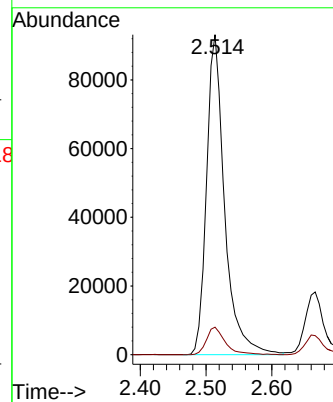
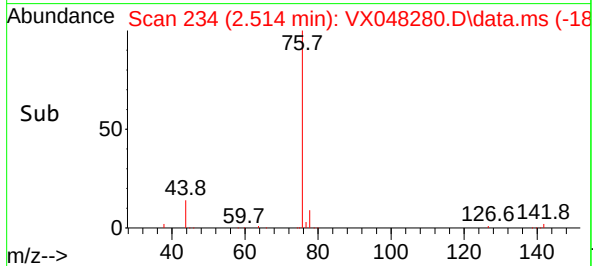
78 8.6 7.1 10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#18

Methyl Acetate

Concen: 45.566 ug/l

RT: 2.697 min Scan# 264

Delta R.T. -0.000 min

Lab File: VX048280.D

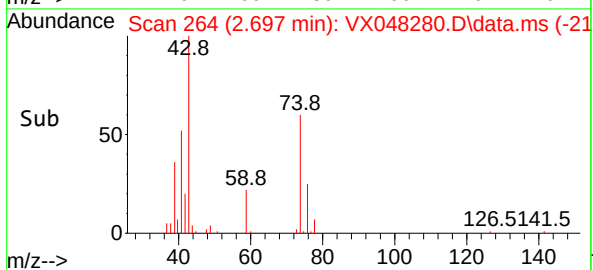
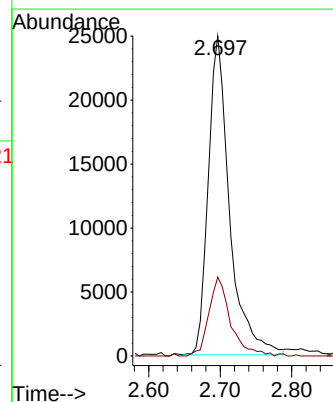
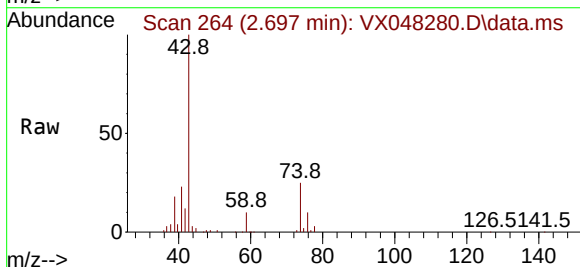
Acq: 22 Oct 2025 08:37

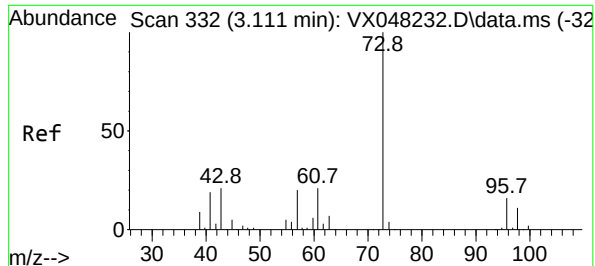
Tgt Ion: 43 Resp: 51668

Ion Ratio Lower Upper

43 100

74 25.0 17.5 26.3





#19

Methyl tert-butyl Ether

Concen: 51.835 ug/l

RT: 3.105 min Scan# 332

Delta R.T. -0.006 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 209570

Ion Ratio Lower Upper

73 100

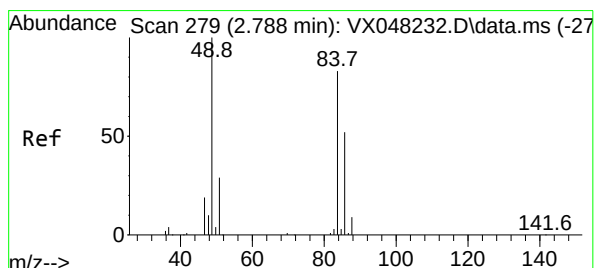
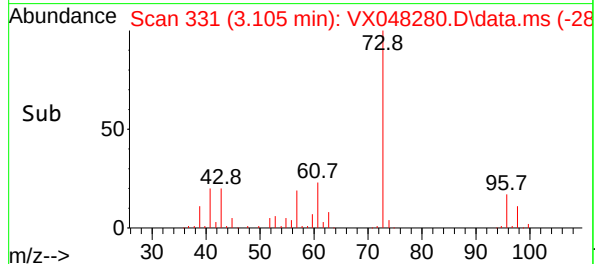
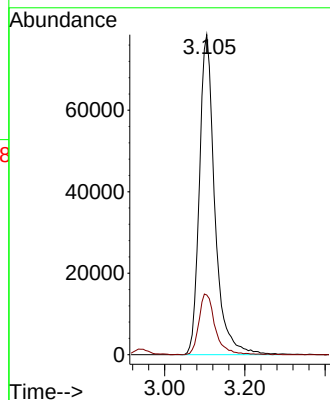
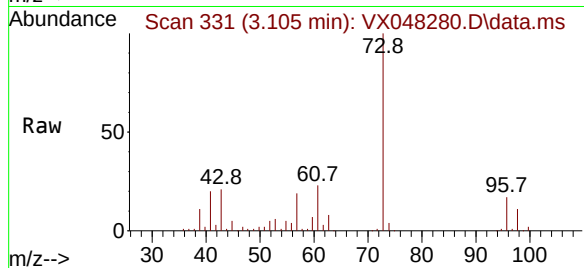
57 18.6 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#20

Methylene Chloride

Concen: 51.912 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Tgt Ion: 84 Resp: 68678

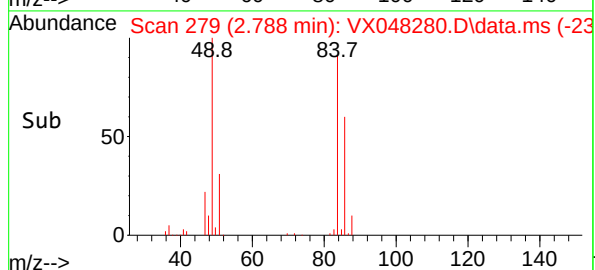
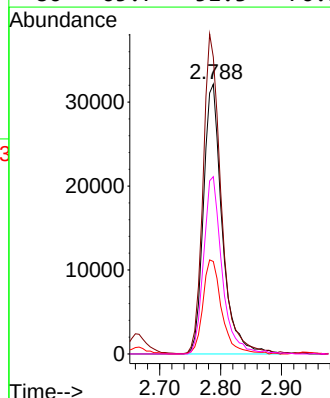
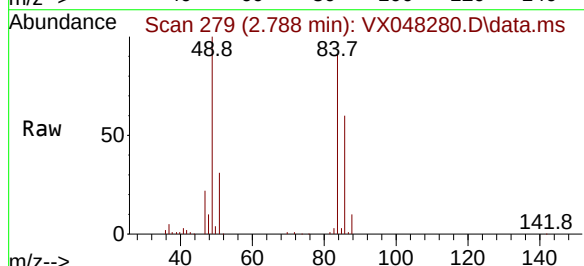
Ion Ratio Lower Upper

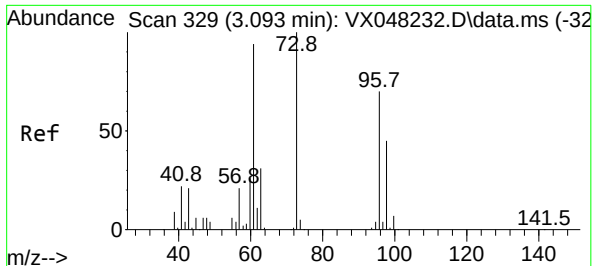
84 100

49 109.8 104.1 156.1

51 34.3 31.3 46.9

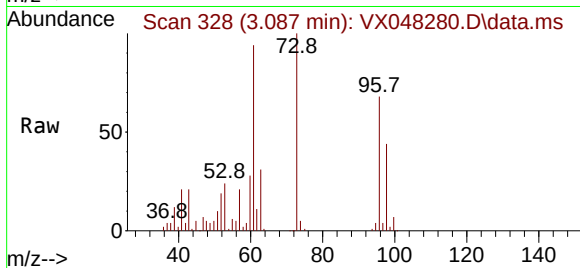
86 65.7 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 52.315 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

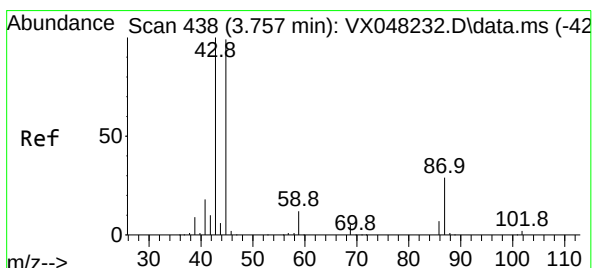
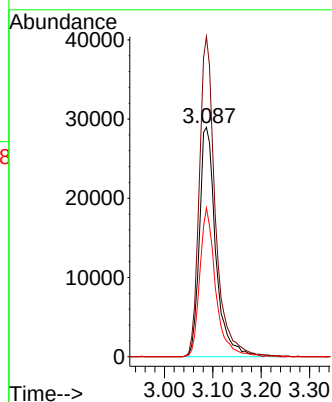
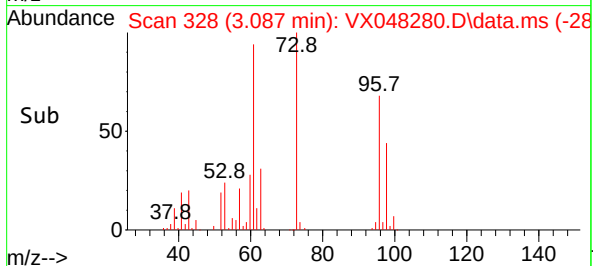
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 68104
Ion Ratio Lower Upper
96 100
61 139.6 111.9 167.9
98 64.9 51.2 76.8

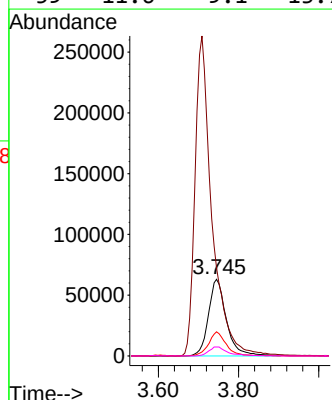
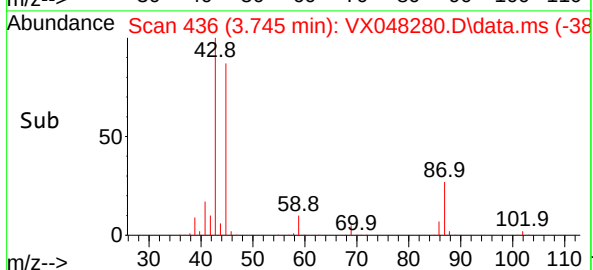
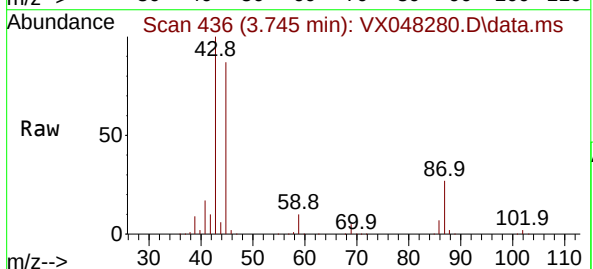
Manual Integrations
APPROVED

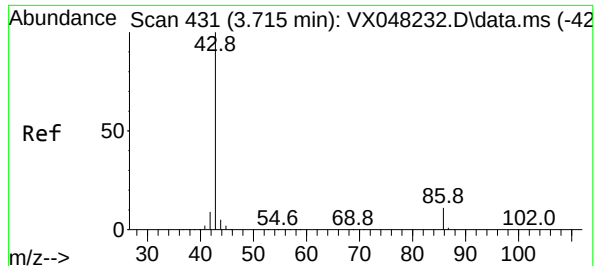
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#22
Diisopropyl ether
Concen: 50.085 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 45 Resp: 196556
Ion Ratio Lower Upper
45 100
43 115.1 89.8 134.8
87 31.6 20.6 31.0#
59 11.6 9.1 13.7





#23

Vinyl Acetate

Concen: 247.880 ug/l

RT: 3.709 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 777072

Ion Ratio Lower Upper

43

100

86

11.6

7.9

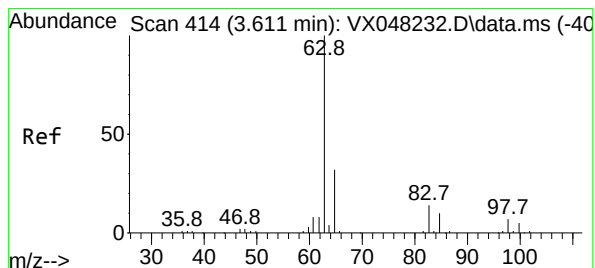
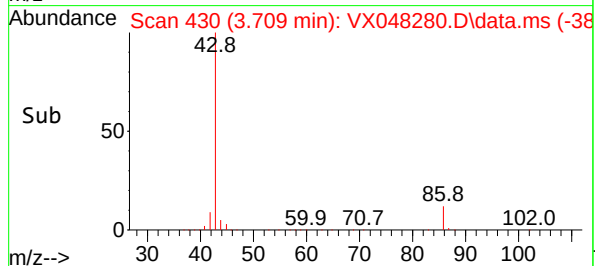
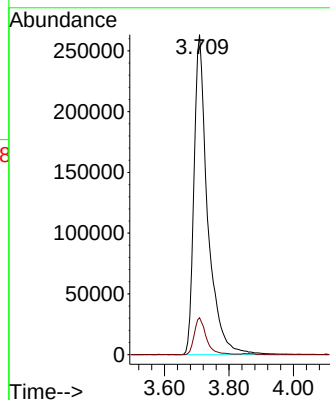
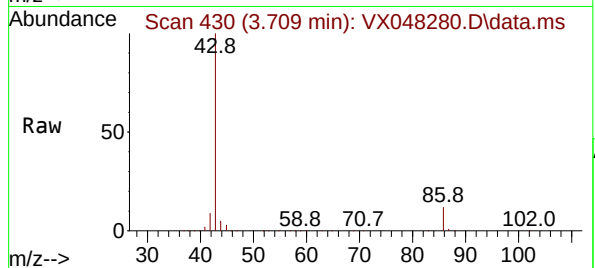
11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#24

1,1-Dichloroethane

Concen: 50.586 ug/l

RT: 3.599 min Scan# 412

Delta R.T. -0.006 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Tgt Ion: 63 Resp: 120039

Ion Ratio Lower Upper

63

100

98

100

7.0

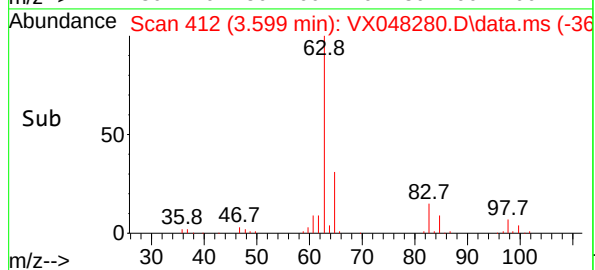
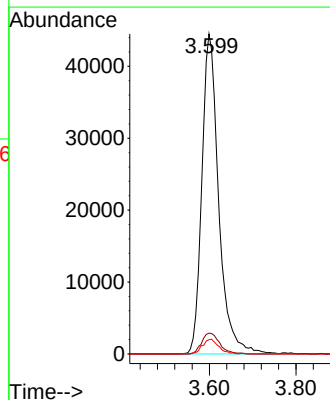
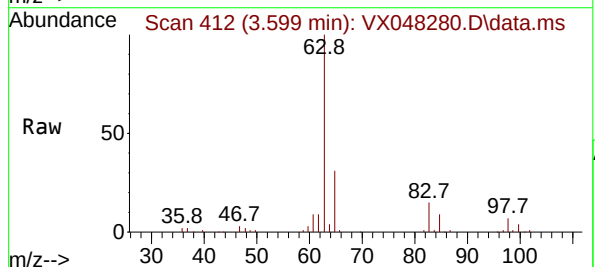
4.5

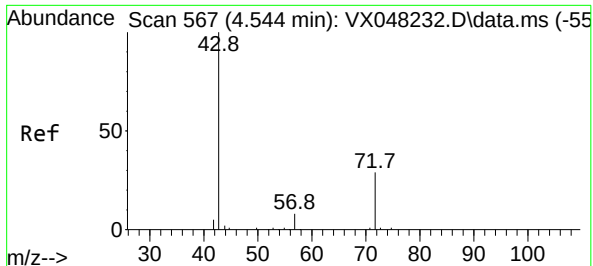
3.5

2.1

10.6

6.3





#25

2-Butanone

Concen: 244.037 ug/l

RT: 4.532 min Scan# 50

Delta R.T. -0.006 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 16771

Ion Ratio Lower Upper

43

100

72

26.5

19.9

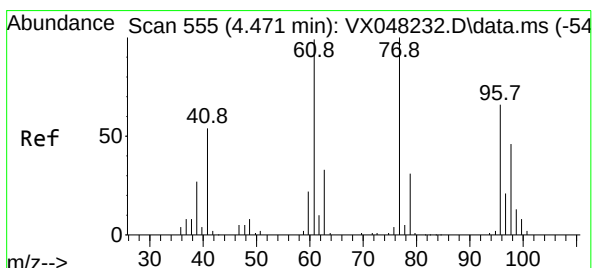
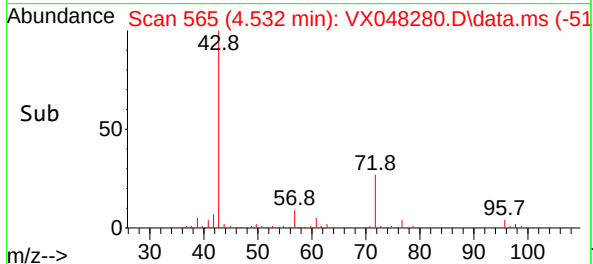
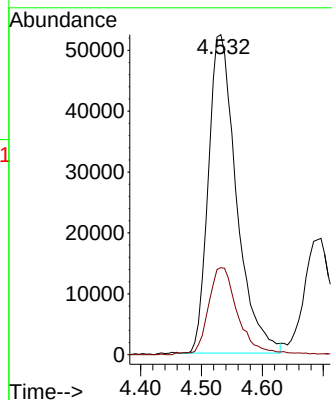
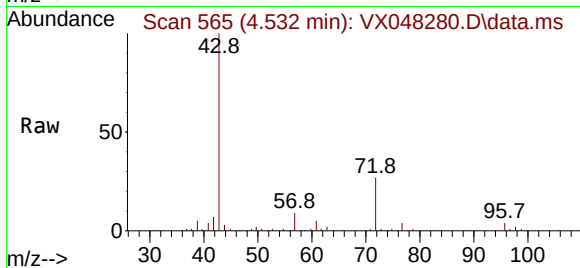
29.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#26

2,2-Dichloropropane

Concen: 53.950 ug/l

RT: 4.458 min Scan# 553

Delta R.T. -0.006 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Tgt Ion: 77 Resp: 115554

Ion Ratio Lower Upper

77

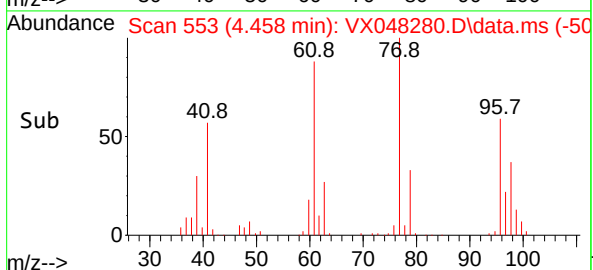
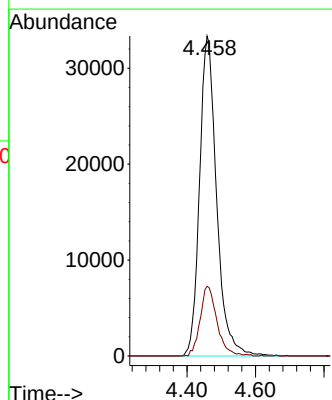
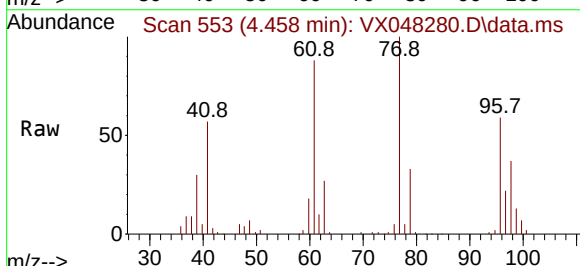
100

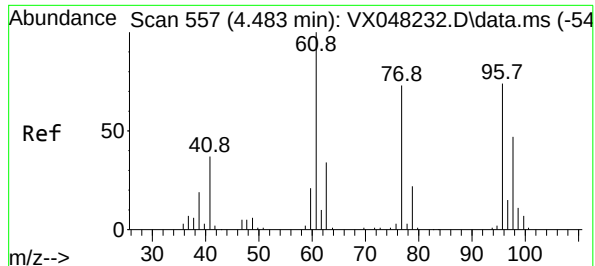
97

21.4

11.1

33.3





#27

cis-1,2-Dichloroethene

Concen: 50.857 ug/l

RT: 4.471 min Scan# 557

Delta R.T. -0.012 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 77260

Ion Ratio Lower Upper

96 100

61 147.0 0.0 294.2

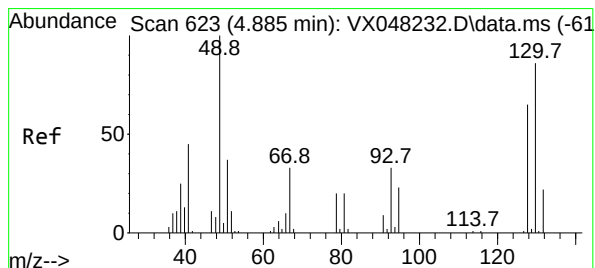
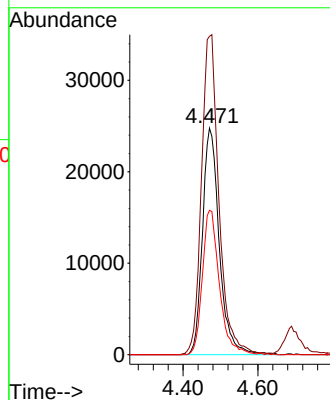
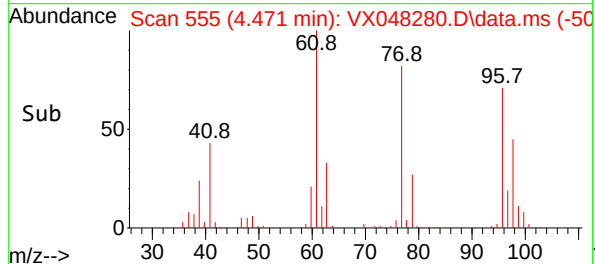
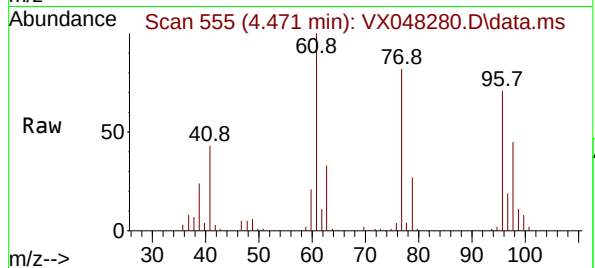
98 64.5 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#28

Bromochloromethane

Concen: 51.316 ug/l

RT: 4.879 min Scan# 622

Delta R.T. -0.006 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

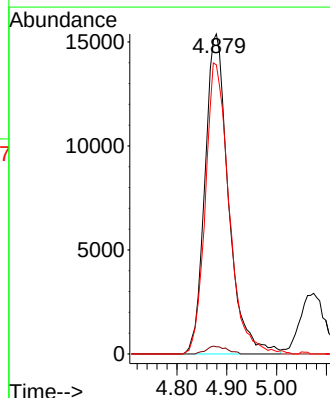
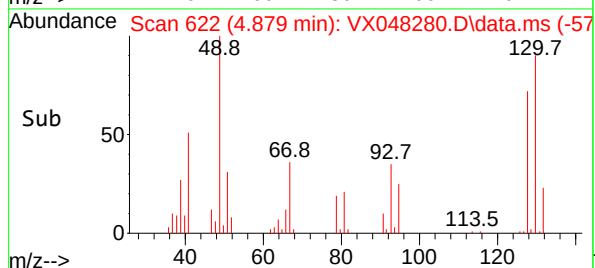
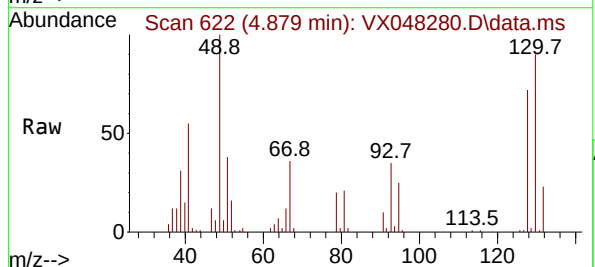
Tgt Ion: 49 Resp: 50491

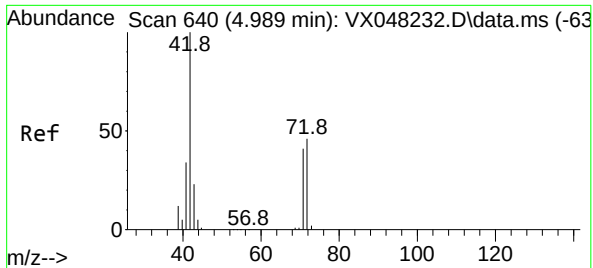
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

130 91.7 59.3 88.9#





#29

Tetrahydrofuran

Concen: 218.666 ug/l

RT: 4.983 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX048280.D

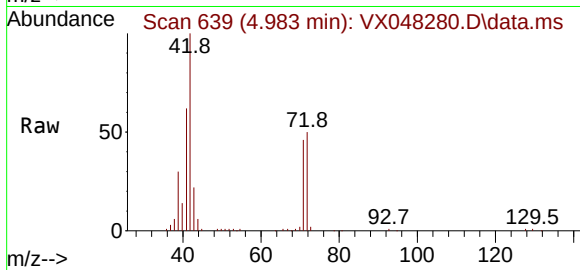
Acq: 22 Oct 2025 08:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 42 Resp: 9000

Ion Ratio Lower Upper

42 100

72 50.1 35.3 52.9

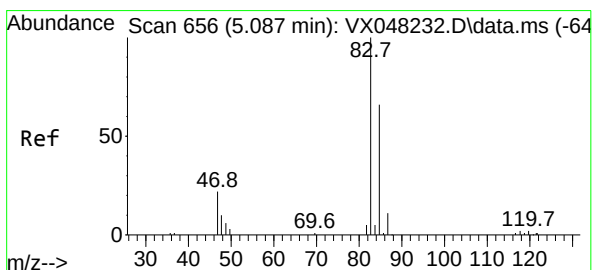
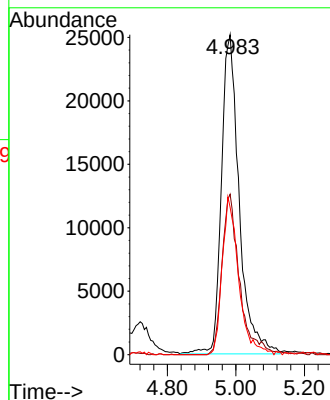
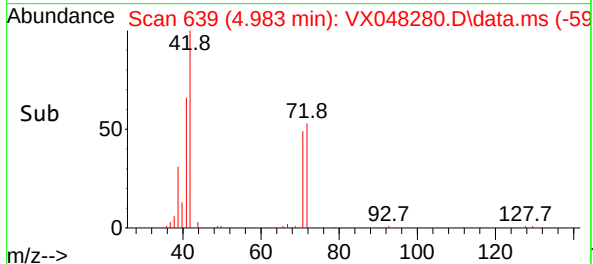
71 45.9 32.2 48.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#30

Chloroform

Concen: 51.559 ug/l

RT: 5.074 min Scan# 654

Delta R.T. -0.006 min

Lab File: VX048280.D

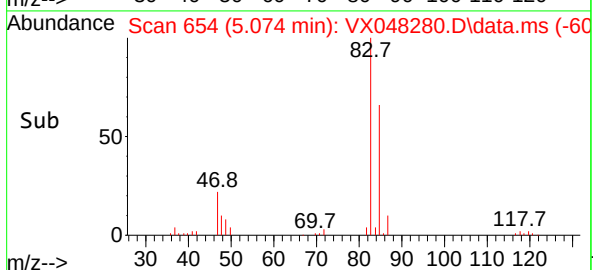
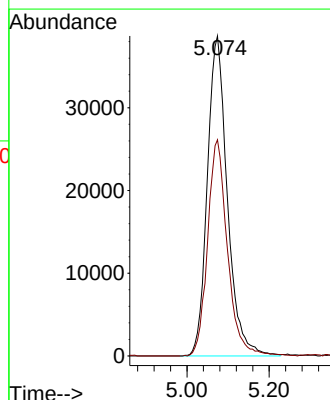
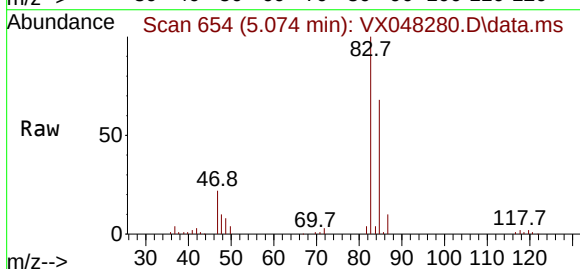
Acq: 22 Oct 2025 08:37

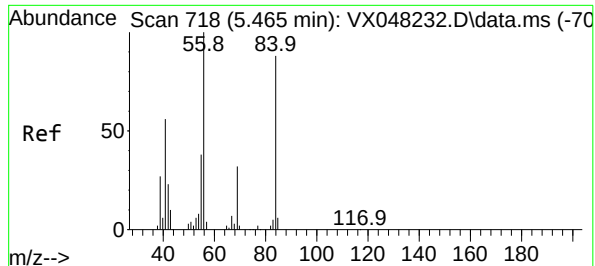
Tgt Ion: 83 Resp: 130715

Ion Ratio Lower Upper

83 100

85 67.6 50.1 75.1





#31

Cyclohexane

Concen: 50.349 ug/l

RT: 5.452 min Scan# 716

Delta R.T. -0.006 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 98910

Ion Ratio Lower Upper

56 100

69 32.7 23.0 34.6

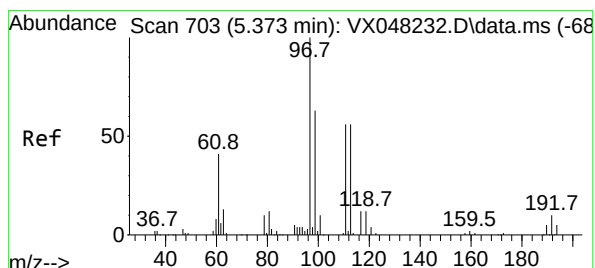
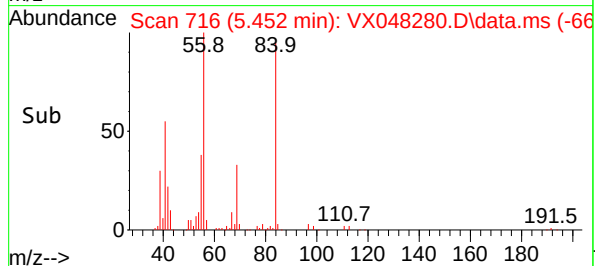
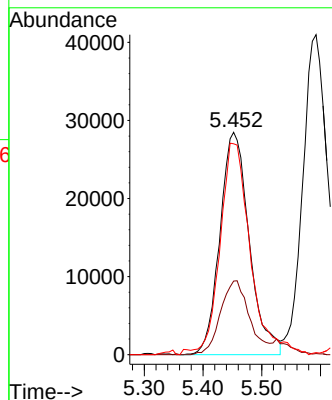
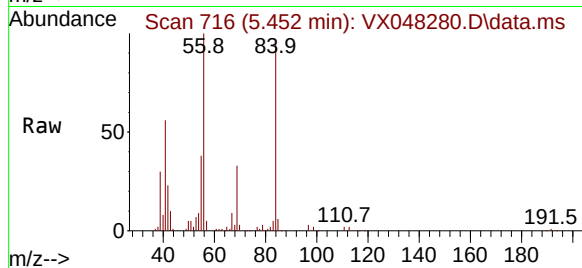
84 94.9 64.6 97.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#32

1,1,1-Trichloroethane

Concen: 54.907 ug/l

RT: 5.361 min Scan# 701

Delta R.T. -0.012 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

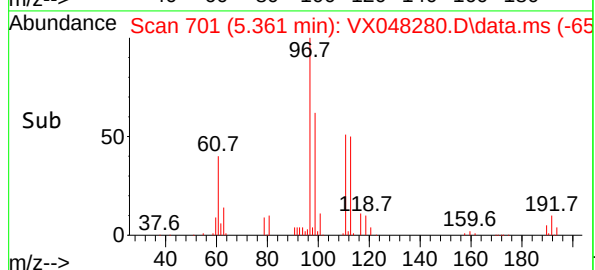
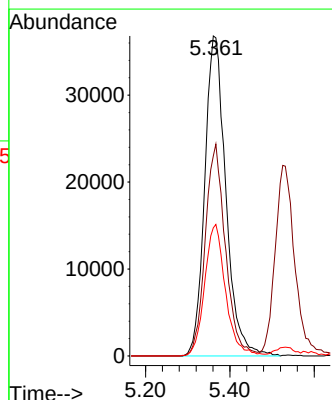
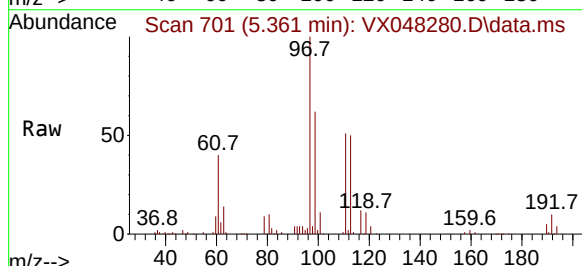
Tgt Ion: 97 Resp: 128292

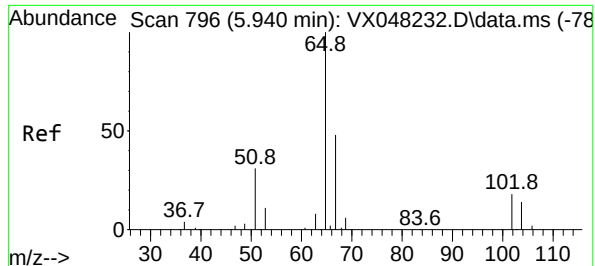
Ion Ratio Lower Upper

97 100

99 63.2 51.7 77.5

61 40.7 34.8 52.2





#33

1,2-Dichloroethane-d4

Concen: 48.250 ug/l

RT: 5.934 min Scan# 796

Delta R.T. -0.006 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 7636

Ion Ratio Lower Upper

65 100

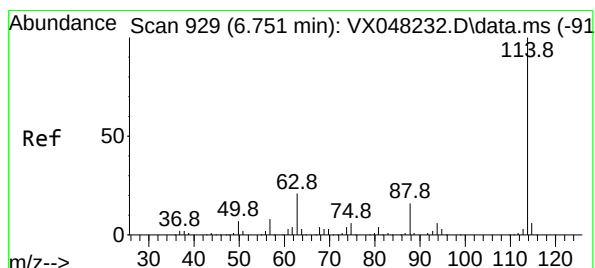
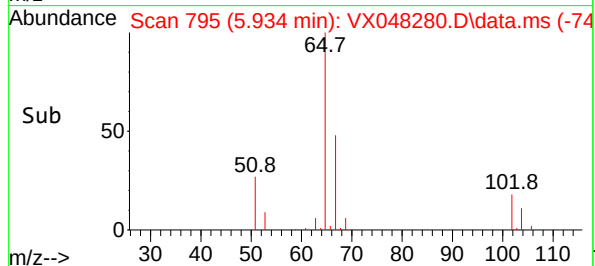
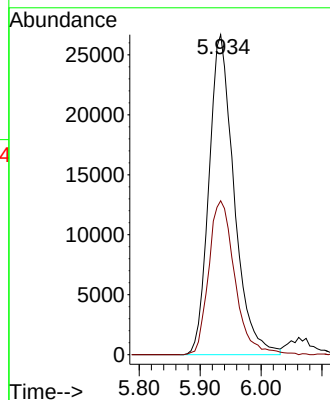
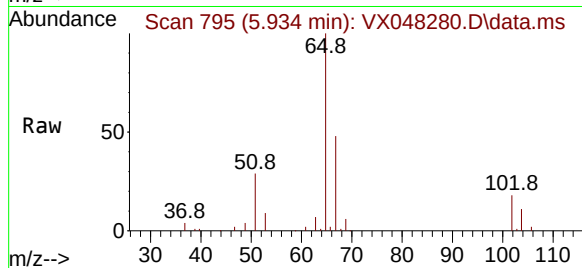
67 50.0 0.0 105.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.739 min Scan# 927

Delta R.T. -0.006 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

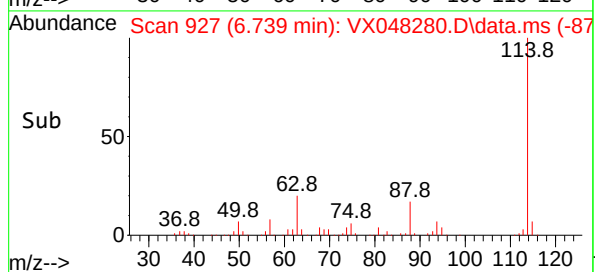
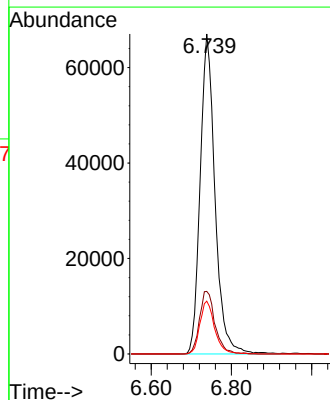
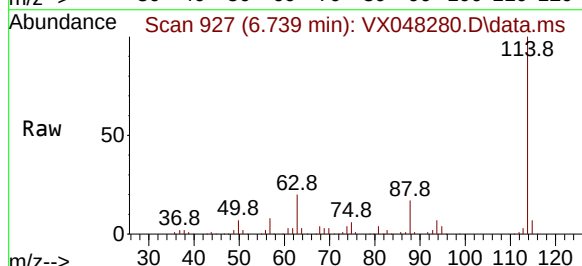
Tgt Ion:114 Resp: 171616

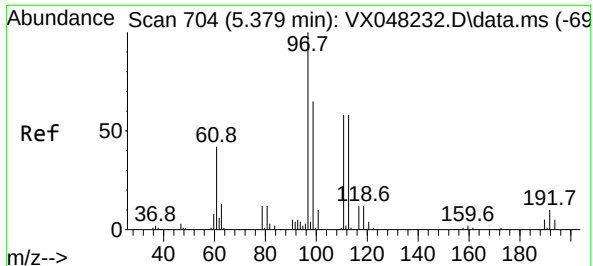
Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 16.5 0.0 33.6





#35

Dibromofluoromethane

Concen: 51.667 ug/l

RT: 5.367 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

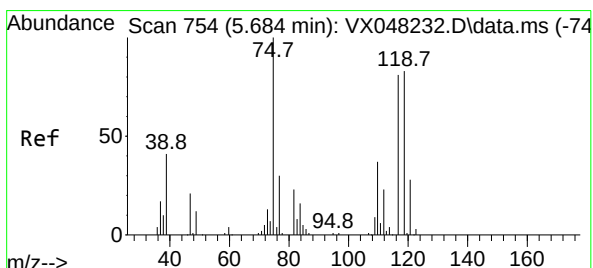
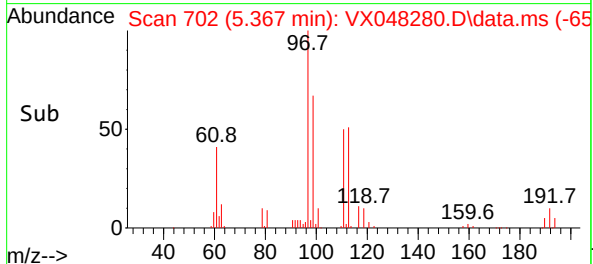
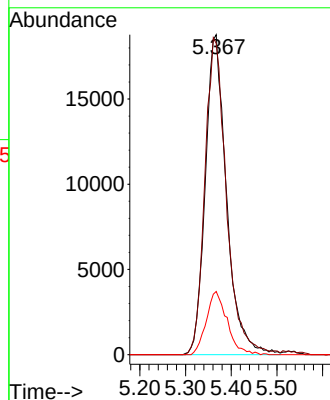
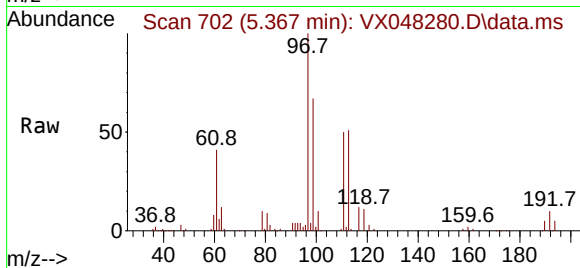
Tgt Ion:	113	Resp:	60534
Ion	Ratio	Lower	Upper
113	100		
111	100.7	82.2	123.4
192	19.4	15.1	22.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#36

1,1-Dichloropropene

Concen: 53.632 ug/l

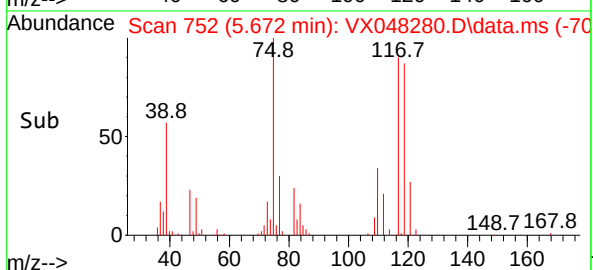
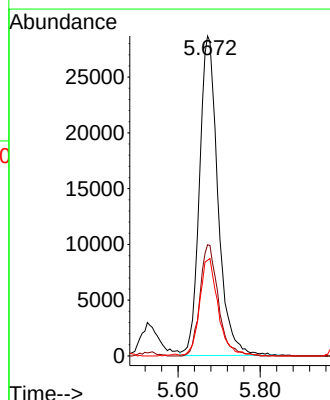
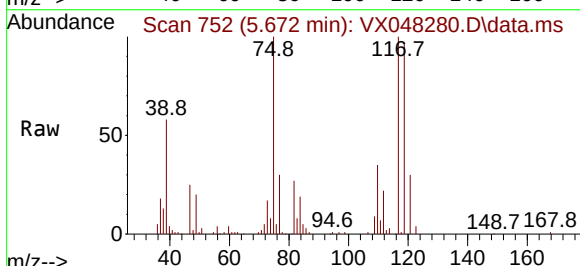
RT: 5.672 min Scan# 752

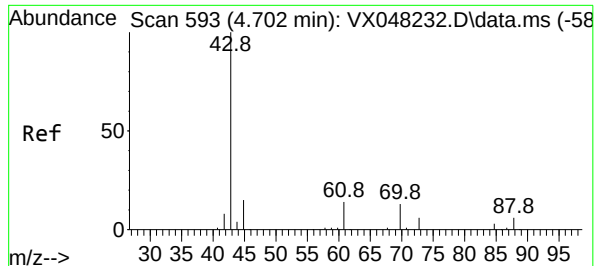
Delta R.T. -0.012 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Tgt Ion:	75	Resp:	89311
Ion	Ratio	Lower	Upper
75	100		
110	34.6	17.7	53.1
77	30.8	24.3	36.5





#37

Ethyl Acetate

Concen: 46.733 ug/l

RT: 4.696 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

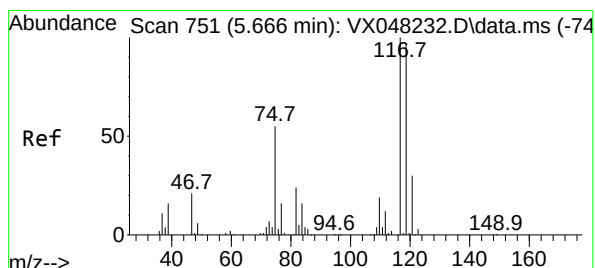
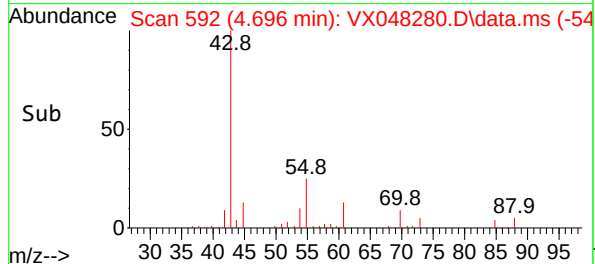
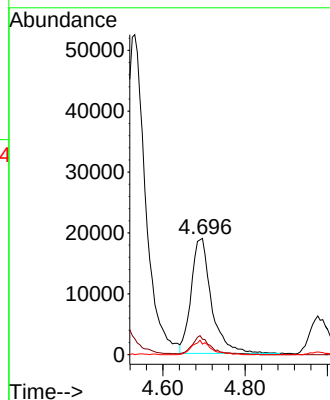
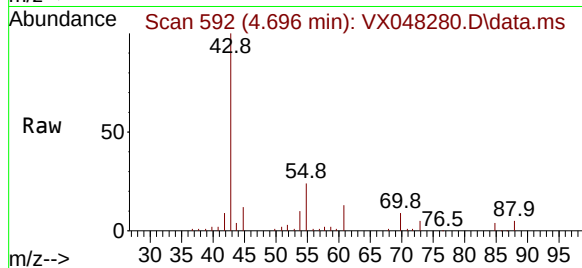
Tgt Ion: 43 Resp: 64504

Ion	Ratio	Lower	Upper
43	100		
61	15.1	10.6	15.8
70	11.3	7.8	11.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#38

Carbon Tetrachloride

Concen: 57.216 ug/l

RT: 5.659 min Scan# 750

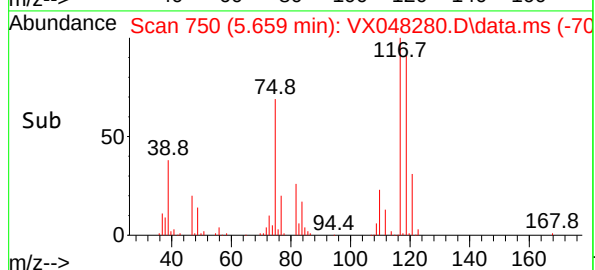
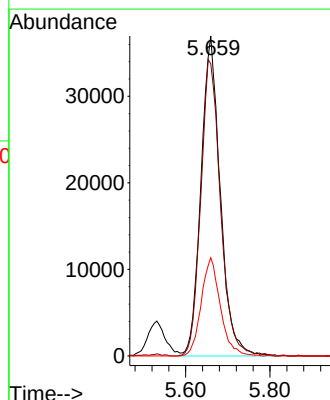
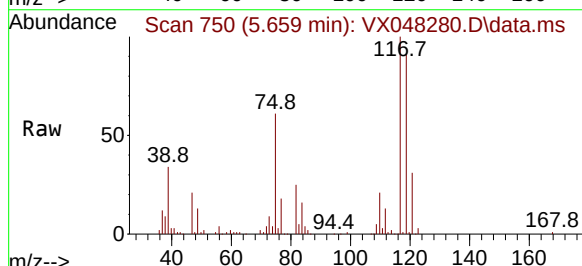
Delta R.T. -0.006 min

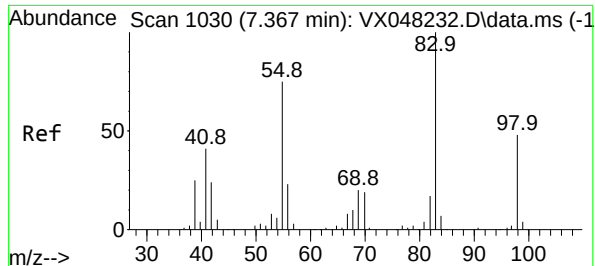
Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Tgt Ion:117 Resp: 117550

Ion	Ratio	Lower	Upper
117	100		
119	91.2	77.2	115.8
121	30.7	24.8	37.2





#39

Methylcyclohexane

Concen: 55.285 ug/l

RT: 7.360 min Scan# 10

Delta R.T. -0.006 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 108720

Ion Ratio Lower Upper

83 100

55 74.6 66.2 99.2

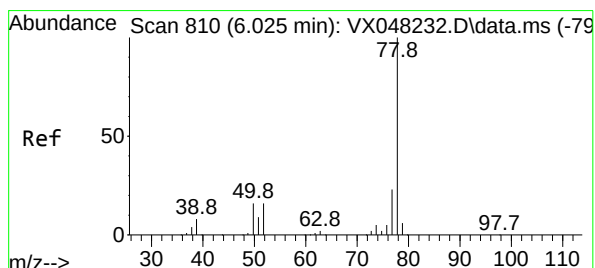
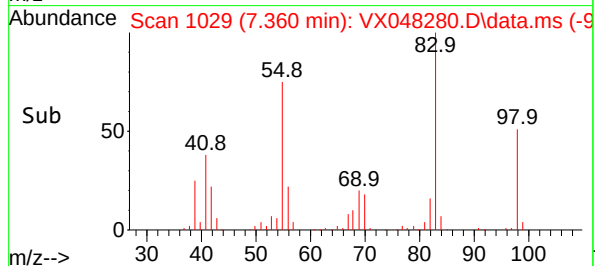
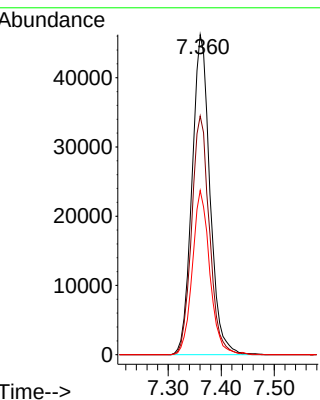
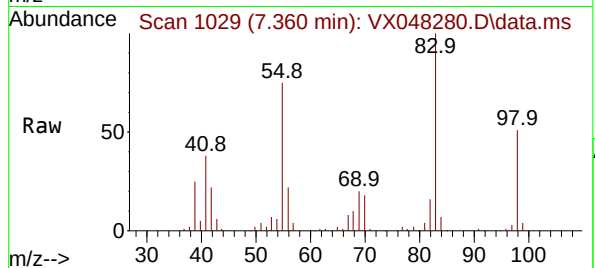
98 51.3 38.9 58.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#40

Benzene

Concen: 52.383 ug/l

RT: 6.013 min Scan# 808

Delta R.T. -0.012 min

Lab File: VX048280.D

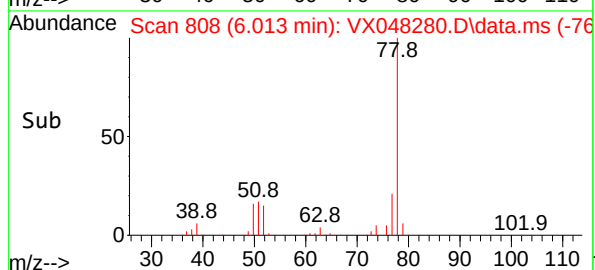
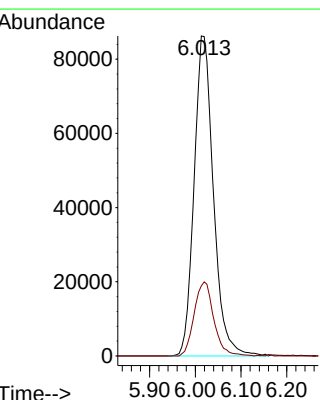
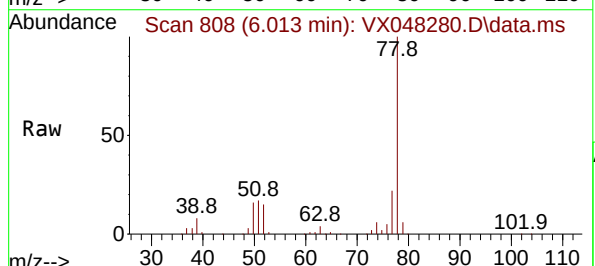
Acq: 22 Oct 2025 08:37

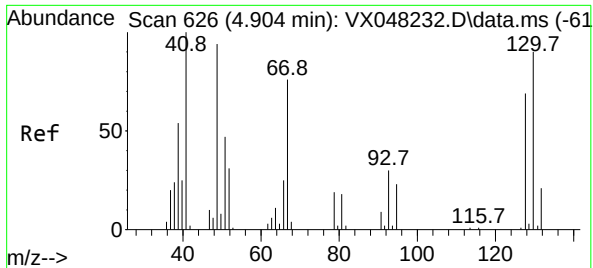
Tgt Ion: 78 Resp: 253259

Ion Ratio Lower Upper

78 100

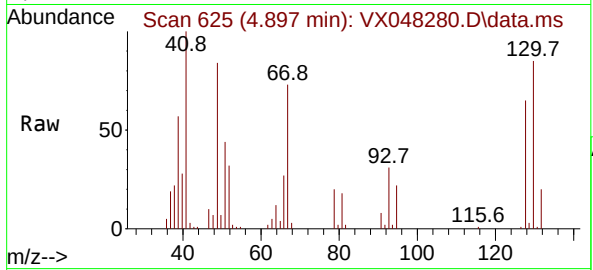
77 21.9 19.3 28.9





#41
Methacrylonitrile
Concen: 49.349 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

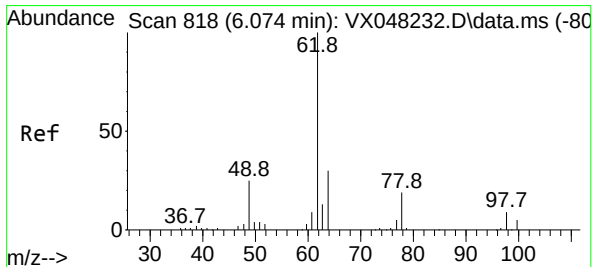
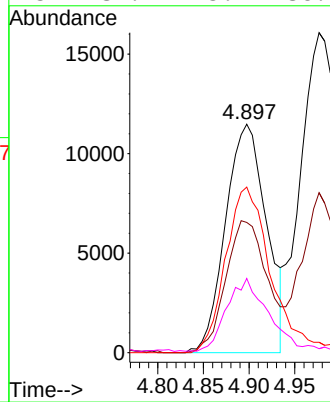
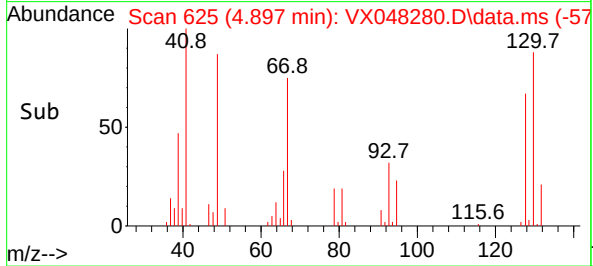
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 3577
Ion Ratio Lower Upper
41 100
39 57.8 44.0 66.0
67 81.6 58.7 88.1
52 34.9 25.9 38.9

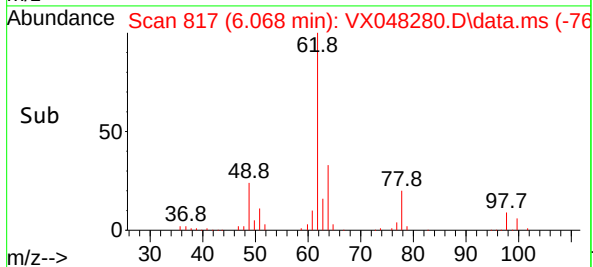
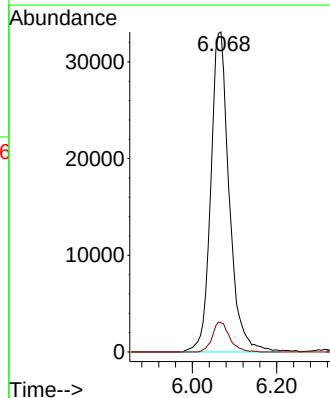
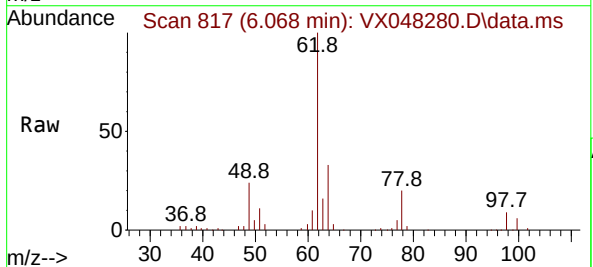
Manual Integrations
APPROVED

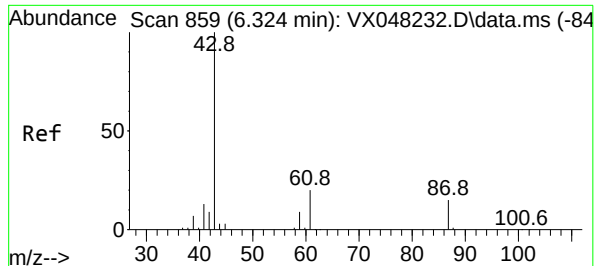
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#42
1,2-Dichloroethane
Concen: 56.333 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 62 Resp: 100501
Ion Ratio Lower Upper
62 100
98 8.8 0.0 17.2





#43

Isopropyl Acetate

Concen: 48.053 ug/l

RT: 6.312 min Scan# 81

Delta R.T. -0.012 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 10894

Ion Ratio Lower Upper

43

100

61

87

20.4

14.4

14.9

9.4

22.3

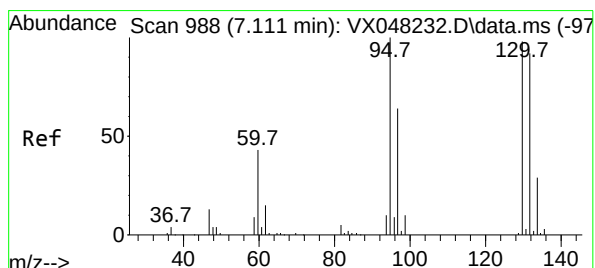
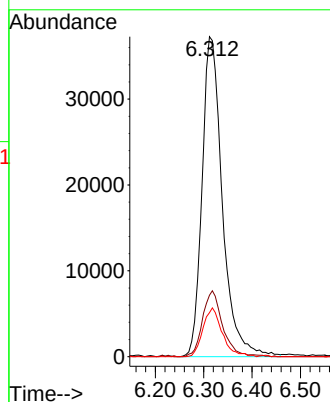
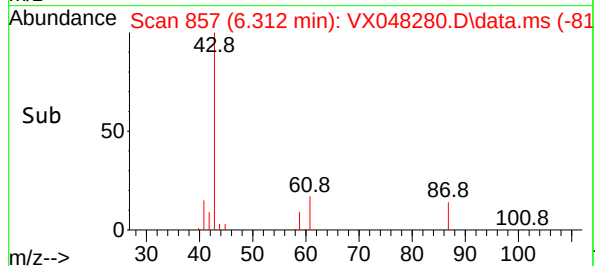
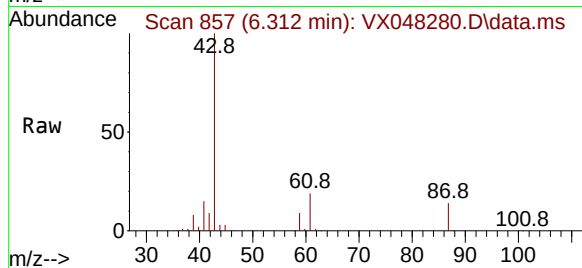
14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#44

Trichloroethene

Concen: 54.227 ug/l

RT: 7.104 min Scan# 987

Delta R.T. -0.006 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Tgt Ion:130 Resp: 69227

Ion Ratio Lower Upper

130

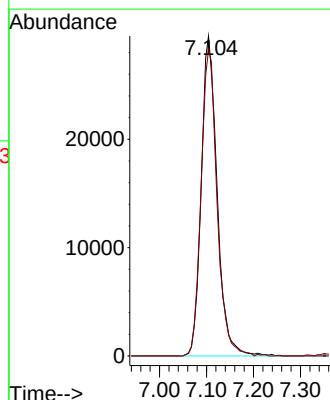
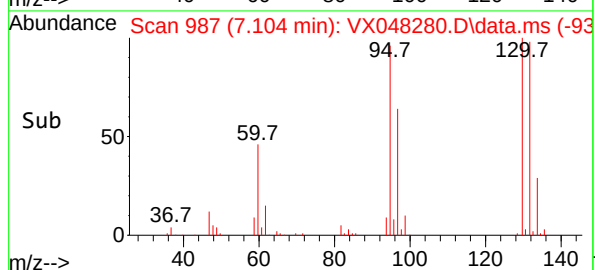
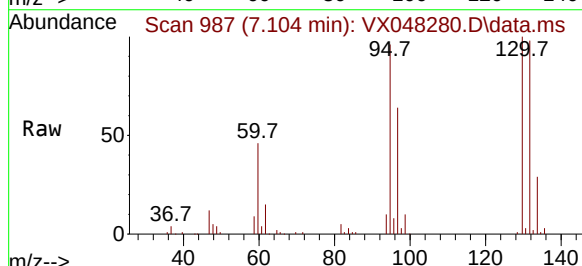
95

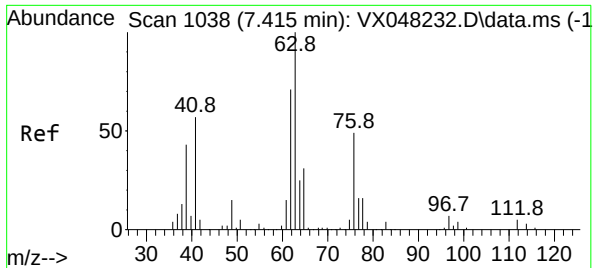
100

95.7

0.0

200.6





#45

1,2-Dichloropropane

Concen: 52.114 ug/l

RT: 7.409 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 59904

Ion Ratio Lower Upper

63 100

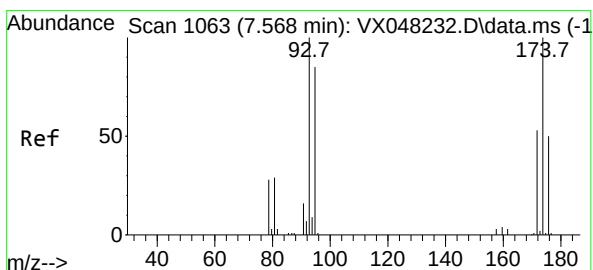
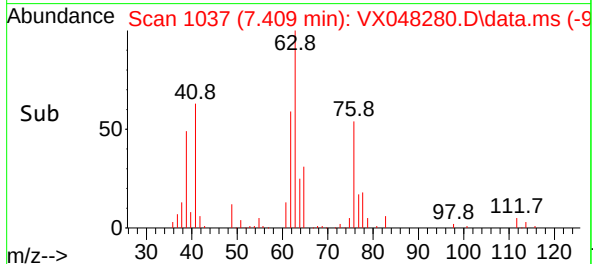
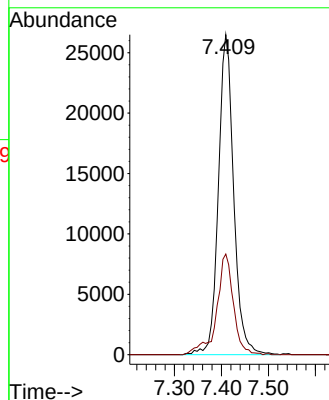
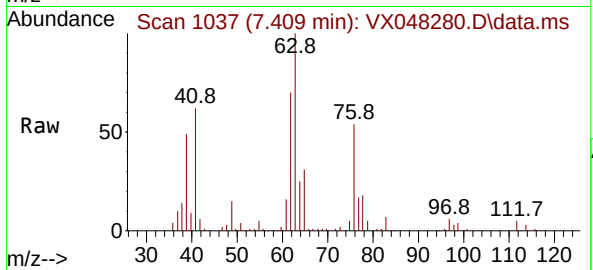
65 31.5 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#46

Dibromomethane

Concen: 52.817 ug/l

RT: 7.562 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

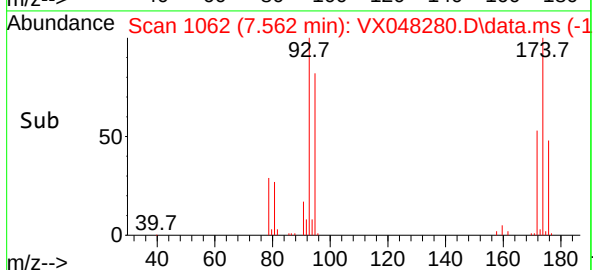
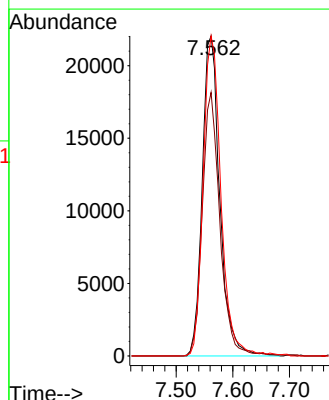
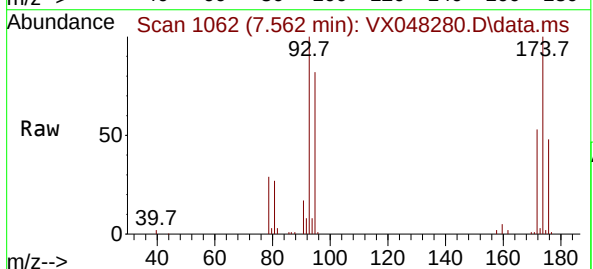
Tgt Ion: 93 Resp: 47300

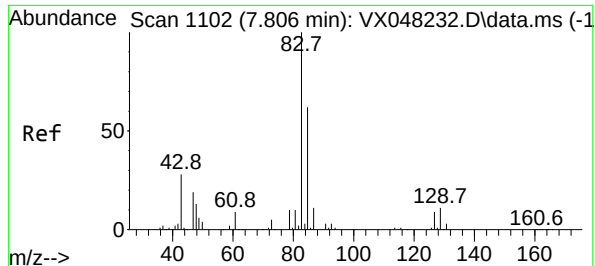
Ion Ratio Lower Upper

93 100

95 82.8 65.9 98.9

174 102.0 71.7 107.5





#47

Bromodichloromethane

Concen: 55.092 ug/l

RT: 7.799 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

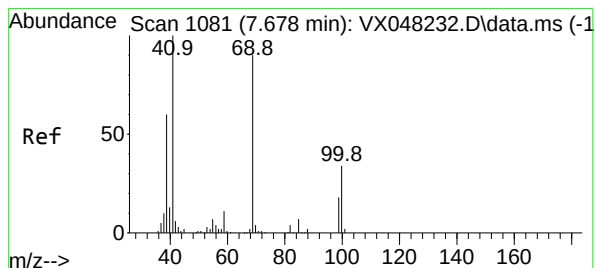
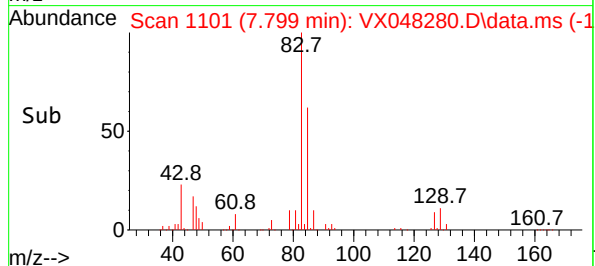
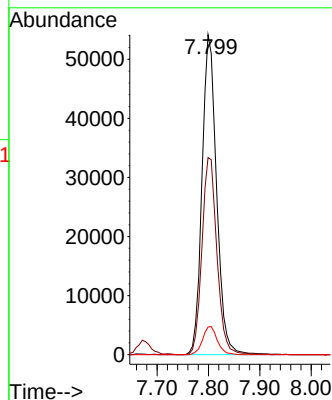
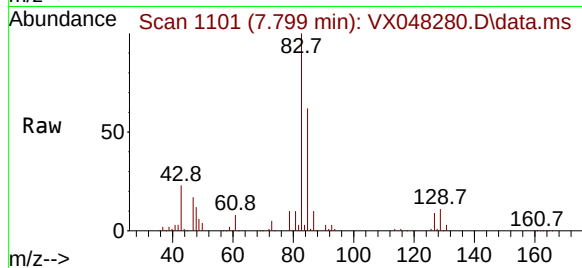
Tgt Ion:	83	Resp:	10652
Ion	Ratio	Lower	Upper
83	100		
85	61.6	52.2	78.4
127	8.7	7.3	10.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#48

Methyl methacrylate

Concen: 49.735 ug/l

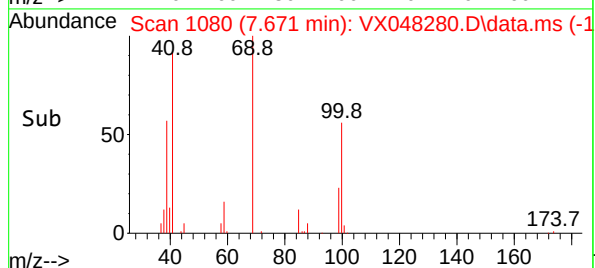
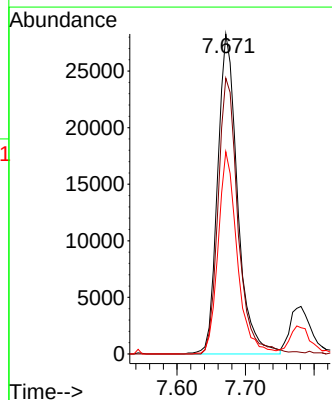
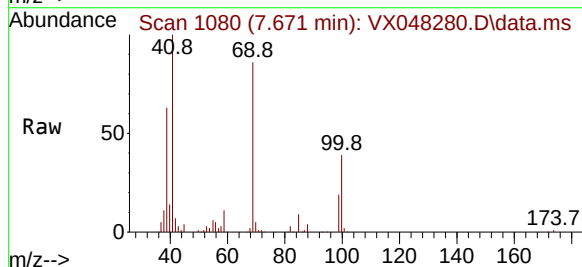
RT: 7.671 min Scan# 1080

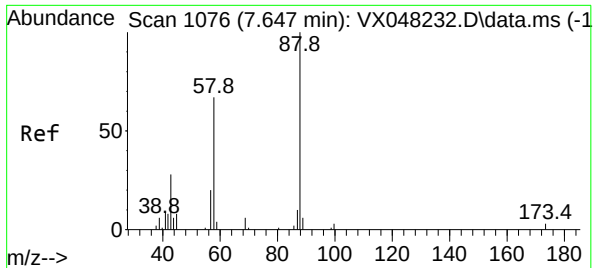
Delta R.T. -0.006 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Tgt Ion:	41	Resp:	56901
Ion	Ratio	Lower	Upper
41	100		
69	86.5	63.4	95.0
39	60.5	47.1	70.7





#49

1,4-Dioxane

Concen: 951.387 ug/l

RT: 7.641 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 14380

Ion Ratio Lower Upper

88 100

43 39.9 35.0 52.4

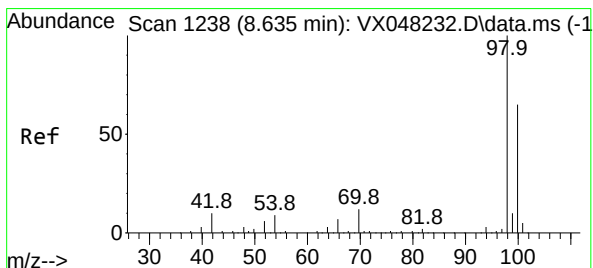
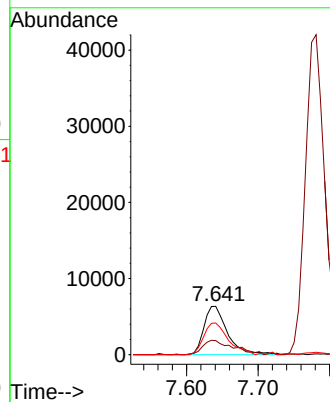
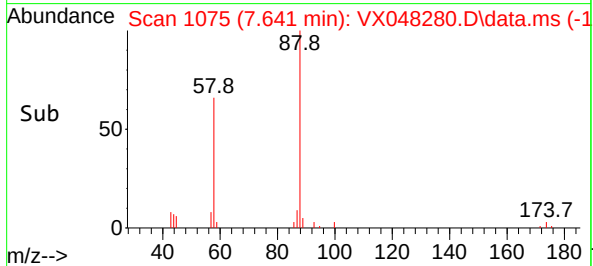
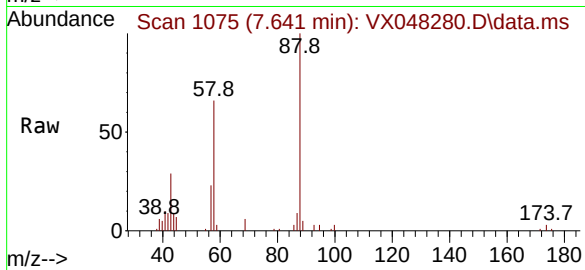
58 69.1 61.9 92.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#50

Toluene-d8

Concen: 49.640 ug/l

RT: 8.628 min Scan# 1237

Delta R.T. -0.006 min

Lab File: VX048280.D

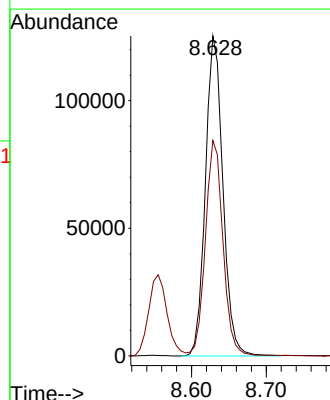
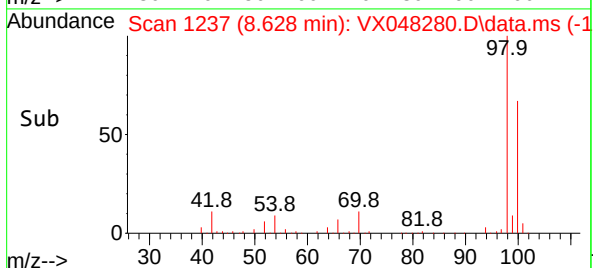
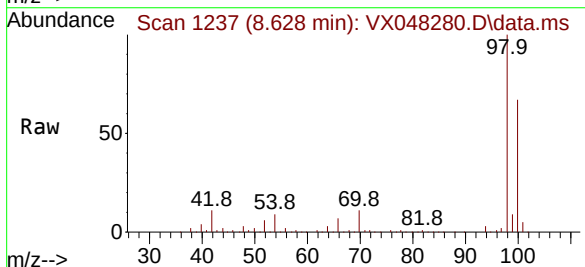
Acq: 22 Oct 2025 08:37

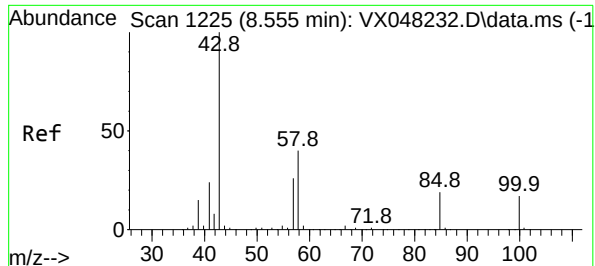
Tgt Ion: 98 Resp: 203851

Ion Ratio Lower Upper

98 100

100 67.9 53.0 79.4





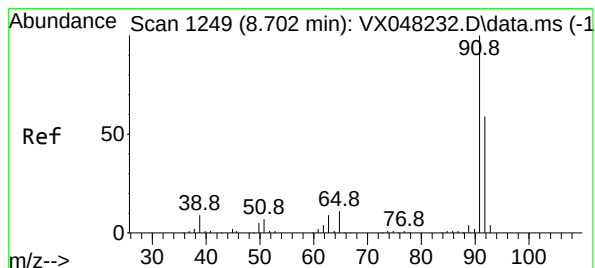
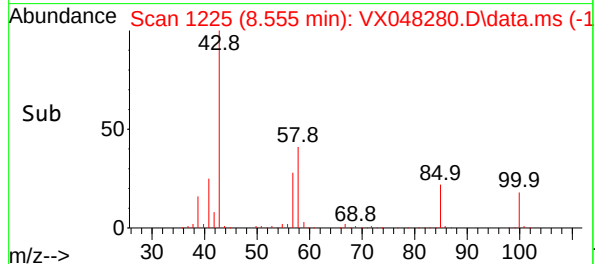
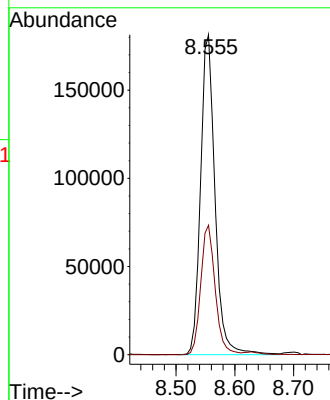
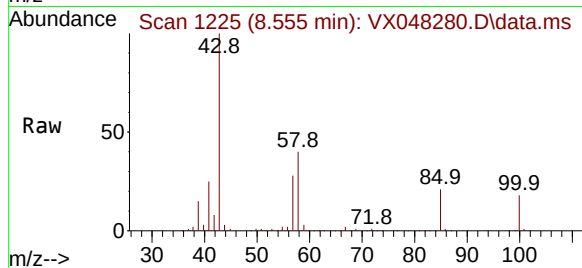
#51
4-Methyl-2-Pentanone
Concen: 237.329 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 31024
Ion Ratio Lower Upper
43 100
58 40.4 29.5 44.3

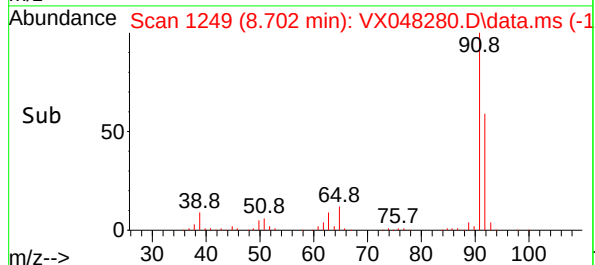
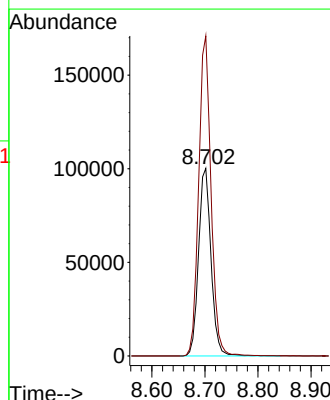
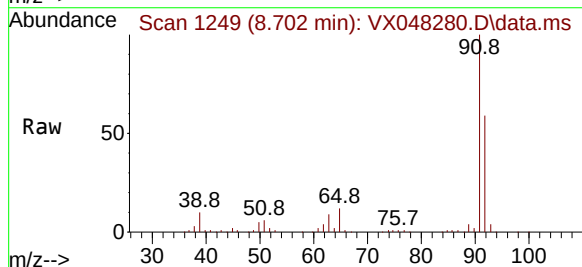
Manual Integrations
APPROVED

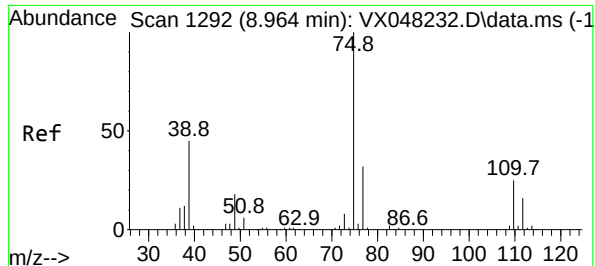
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#52
Toluene
Concen: 53.307 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 92 Resp: 163729
Ion Ratio Lower Upper
92 100
91 168.5 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 54.699 ug/l

RT: 8.958 min Scan# 1192

Delta R.T. -0.006 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 101924

Ion Ratio Lower Upper

75 100

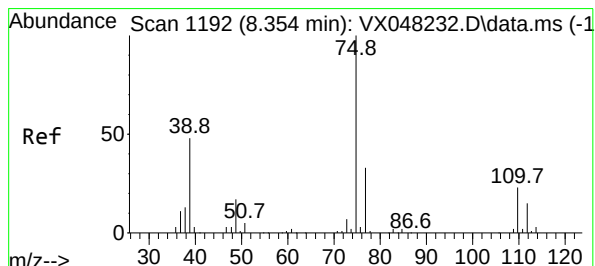
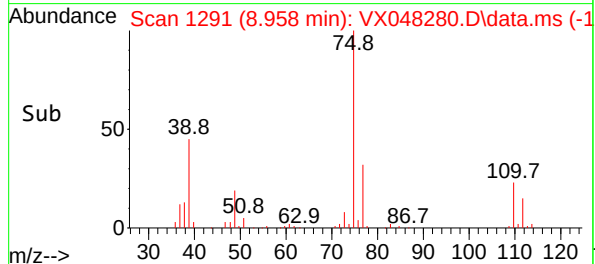
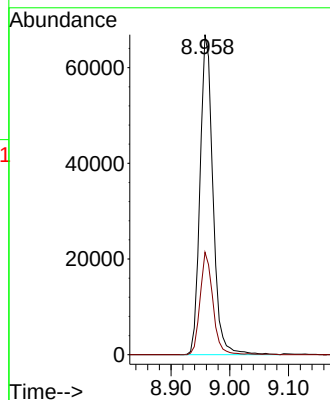
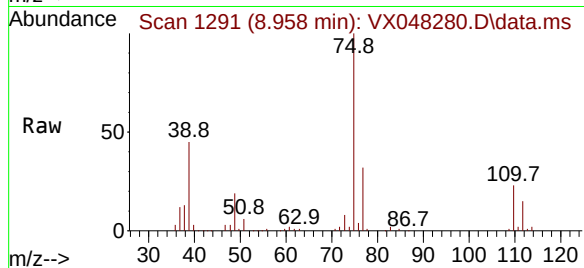
77 32.0 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#54

cis-1,3-Dichloropropene

Concen: 53.352 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. -0.000 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

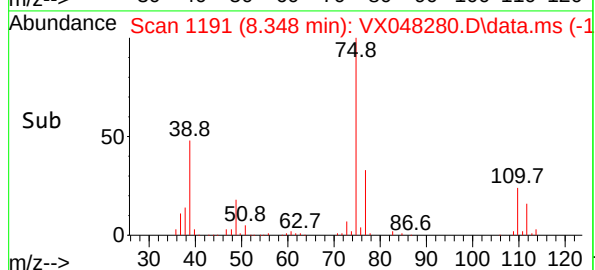
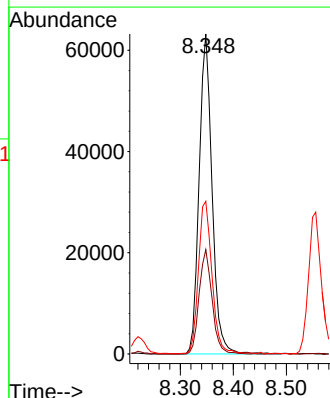
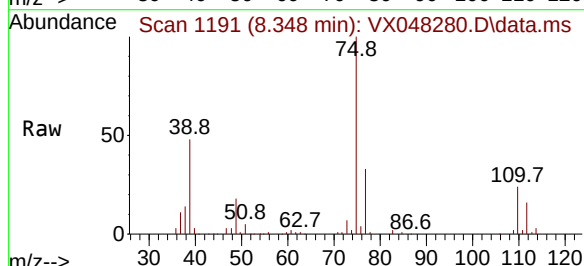
Tgt Ion: 75 Resp: 107258

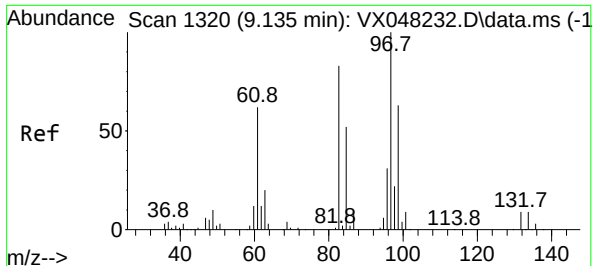
Ion Ratio Lower Upper

75 100

77 32.6 24.9 37.3

39 47.6 42.6 64.0





#55

1,1,2-Trichloroethane

Concen: 52.167 ug/l

RT: 9.134 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 59580

Ion Ratio Lower Upper

97 100

83 83.9 70.6 105.8

85 55.4 45.0 67.6

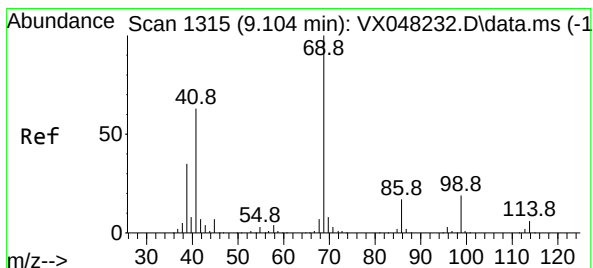
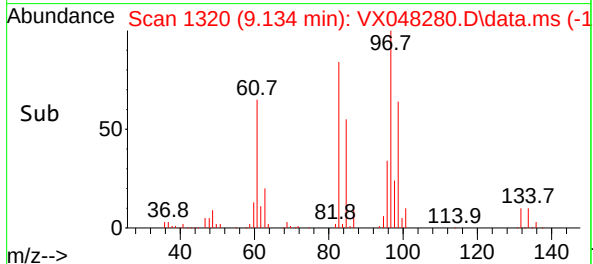
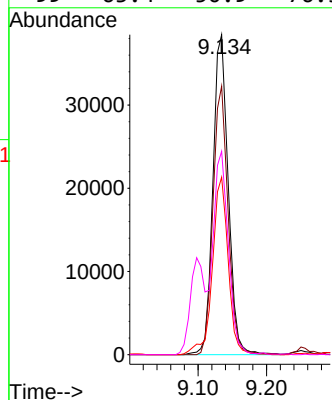
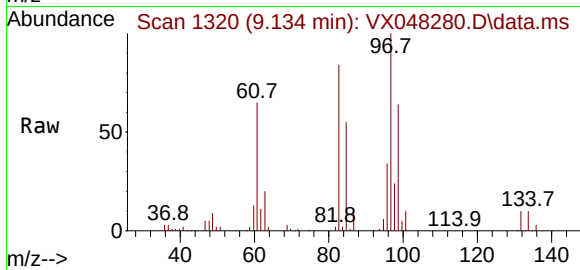
99 63.4 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#56

Ethyl methacrylate

Concen: 50.869 ug/l

RT: 9.098 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

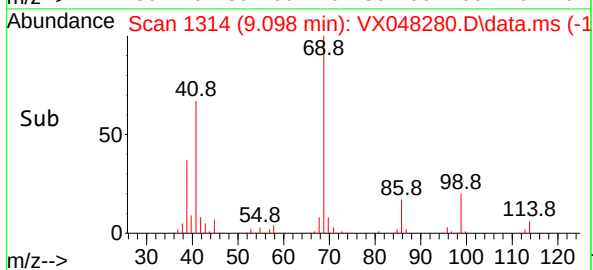
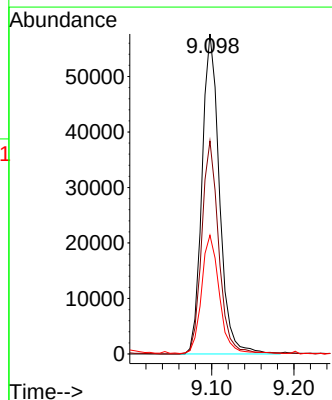
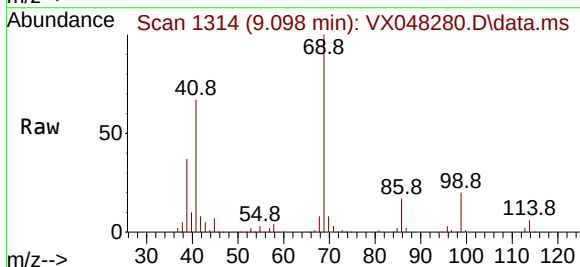
Tgt Ion: 69 Resp: 84986

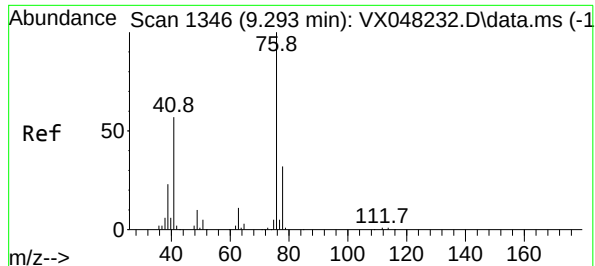
Ion Ratio Lower Upper

69 100

41 65.1 56.0 84.0

39 37.5 31.6 47.4





#57

1,3-Dichloropropane

Concen: 52.019 ug/l

RT: 9.287 min Scan# 111

Delta R.T. -0.006 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 10149

Ion Ratio Lower Upper

76 100

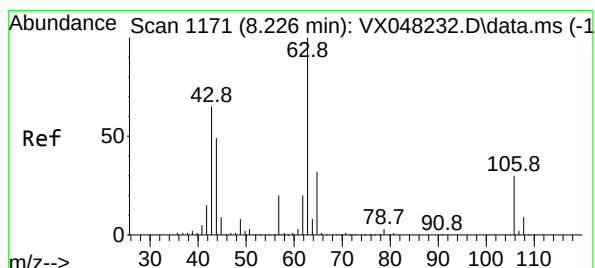
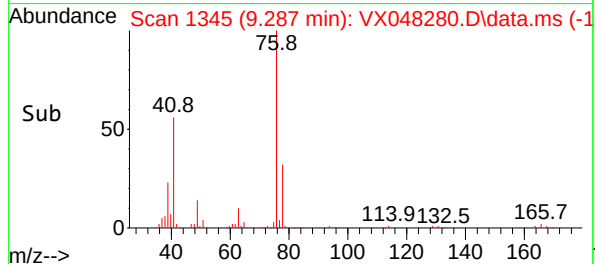
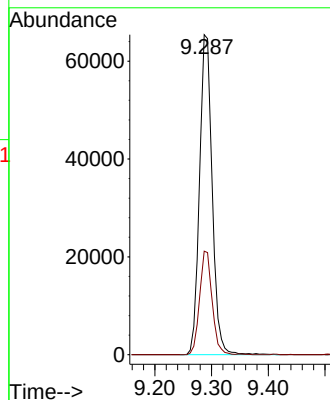
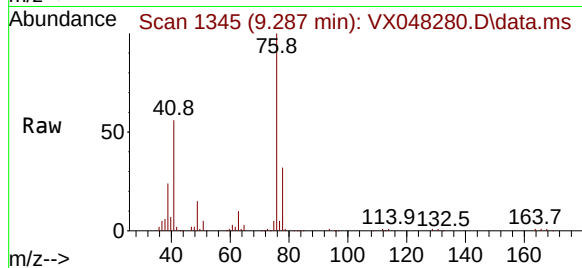
78 31.9 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#58

2-Chloroethyl Vinyl ether

Concen: 255.311 ug/l

RT: 8.220 min Scan# 1170

Delta R.T. -0.006 min

Lab File: VX048280.D

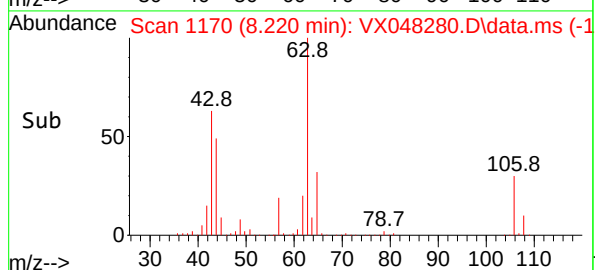
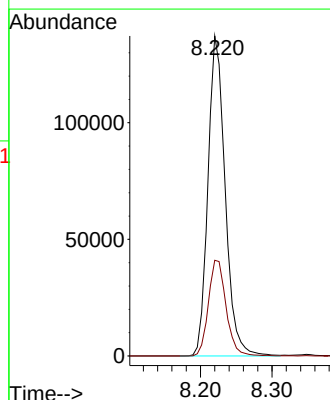
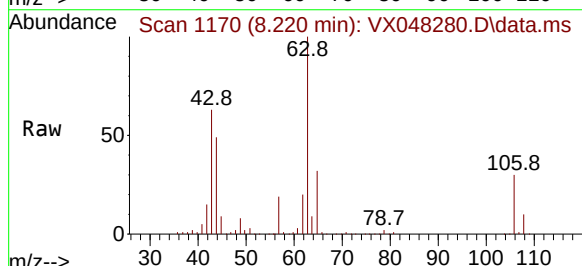
Acq: 22 Oct 2025 08:37

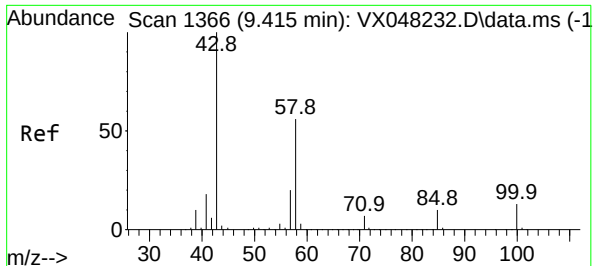
Tgt Ion: 63 Resp: 229383

Ion Ratio Lower Upper

63 100

106 30.8 22.2 33.2





#59

2-Hexanone

Concen: 263.703 ug/l

RT: 9.409 min Scan# 1365

Delta R.T. -0.006 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 240369

Ion Ratio Lower Upper

43 100

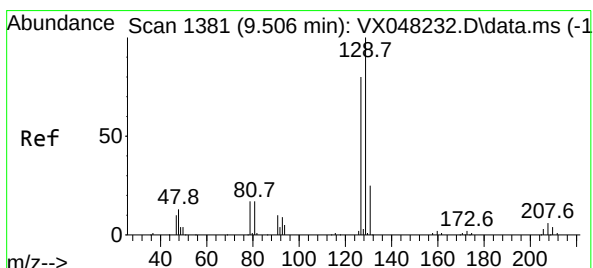
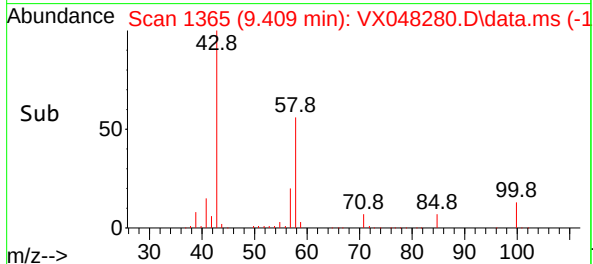
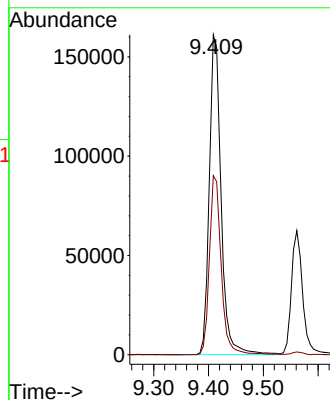
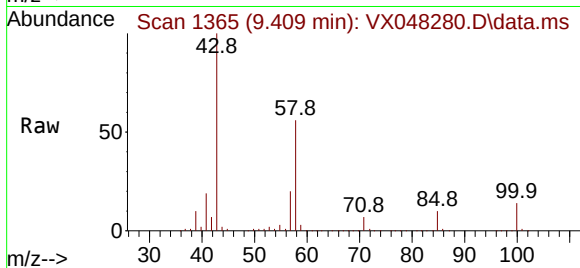
58 55.9 26.3 78.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#60

Dibromochloromethane

Concen: 52.530 ug/l

RT: 9.500 min Scan# 1380

Delta R.T. -0.006 min

Lab File: VX048280.D

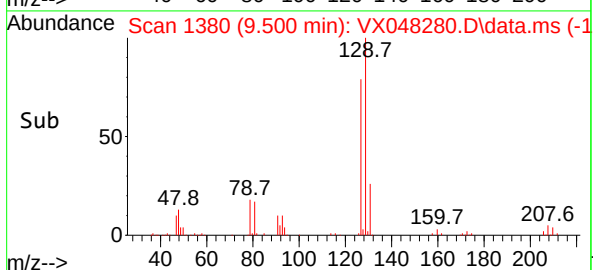
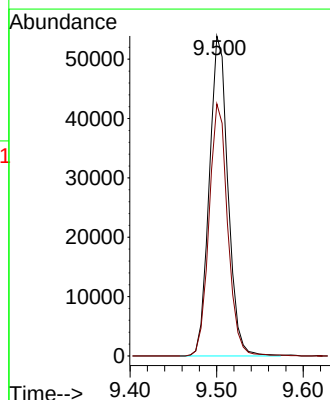
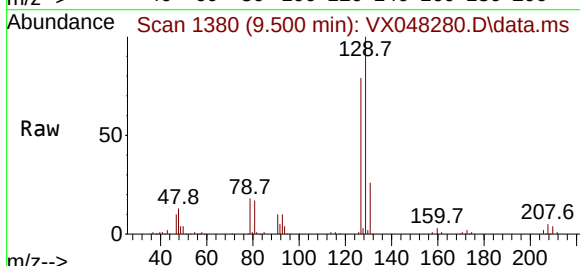
Acq: 22 Oct 2025 08:37

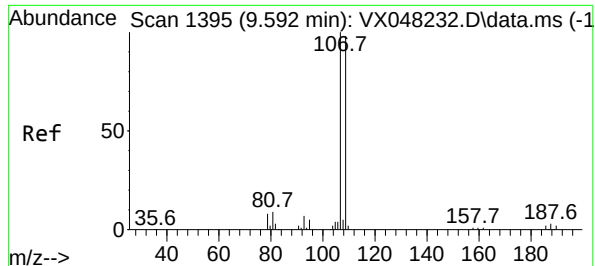
Tgt Ion:129 Resp: 80645

Ion Ratio Lower Upper

129 100

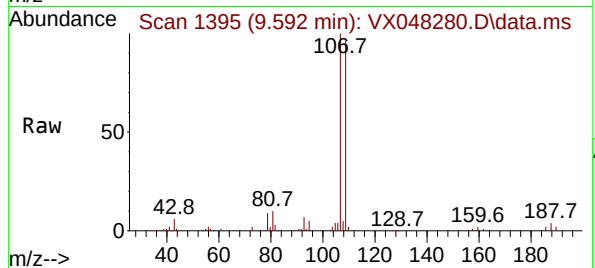
127 78.8 38.6 115.7





#61
1,2-Dibromoethane
Concen: 52.565 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

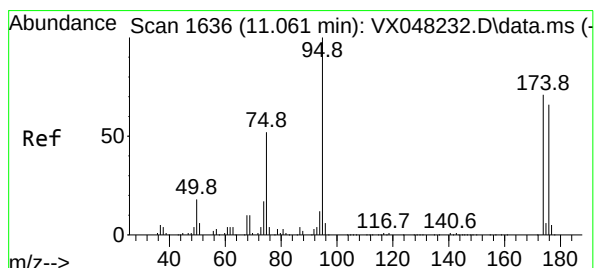
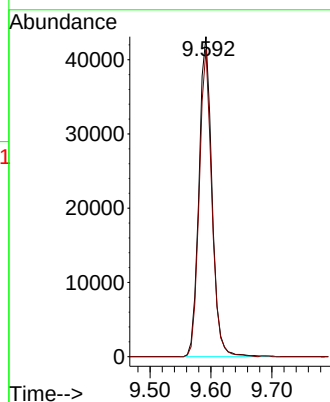
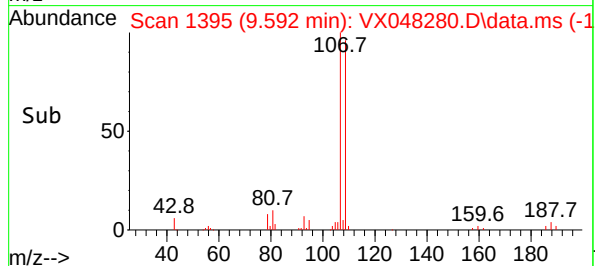
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 107 Resp: 6400
Ion Ratio Lower Upper
107 100
109 92.6 77.0 115.4

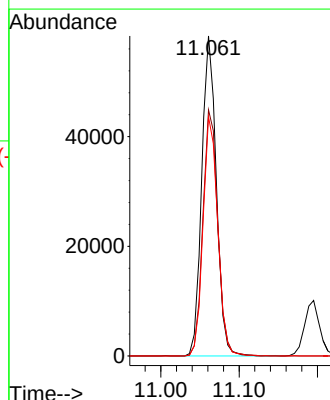
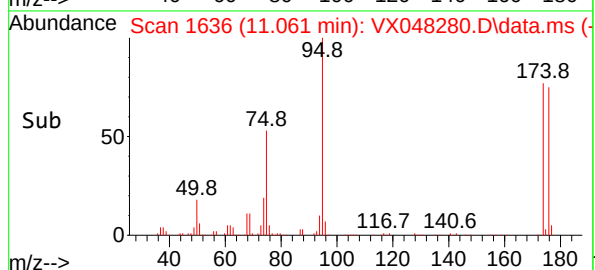
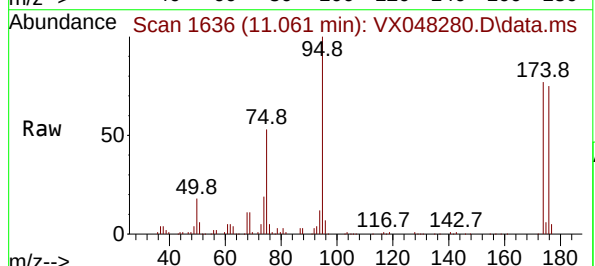
Manual Integrations
APPROVED

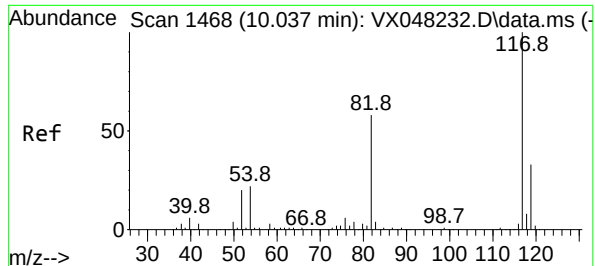
Reviewed By : John Carlone 10/24/2025
Supervised By : Mahesh Dadoda 10/24/2025



#62
4-Bromofluorobenzene
Concen: 48.352 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

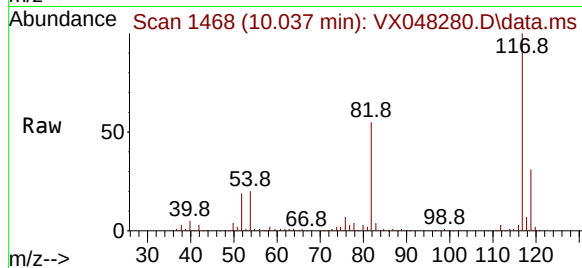
Tgt Ion: 95 Resp: 75540
Ion Ratio Lower Upper
95 100
174 78.0 0.0 147.8
176 75.4 0.0 142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

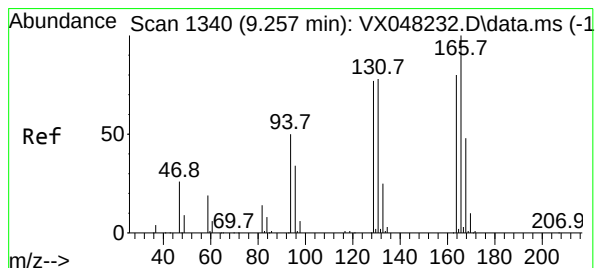
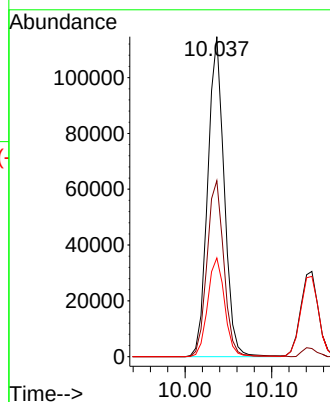
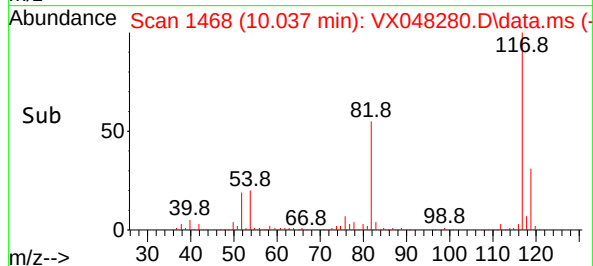
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 151329
Ion Ratio Lower Upper
117 100
82 55.0 46.5 69.7
119 30.8 25.9 38.9

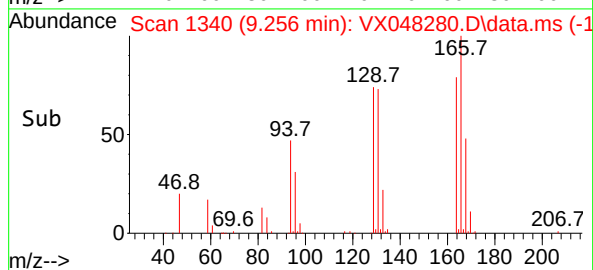
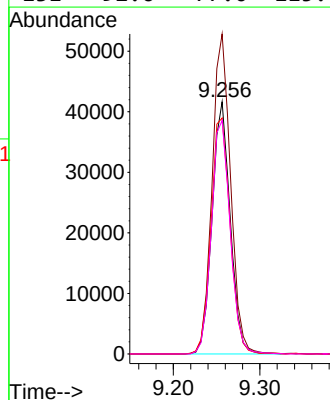
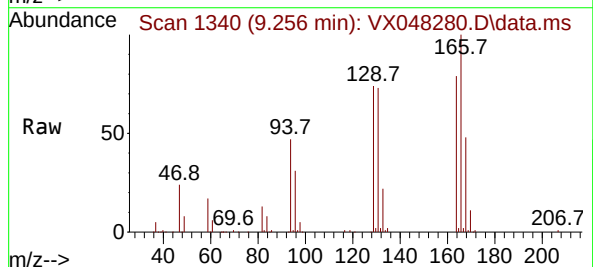
Manual Integrations
APPROVED

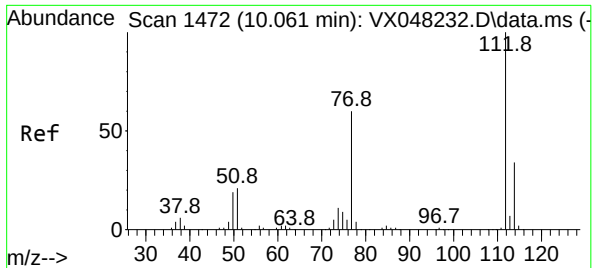
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#64
Tetrachloroethene
Concen: 53.469 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

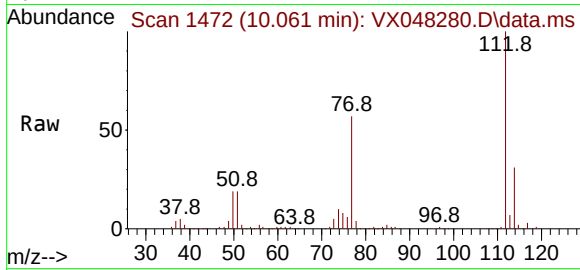
Tgt Ion:164 Resp: 60402
Ion Ratio Lower Upper
164 100
166 126.9 104.5 156.7
129 93.6 81.8 122.6
131 92.6 77.0 115.6





#65
Chlorobenzene
Concen: 53.663 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

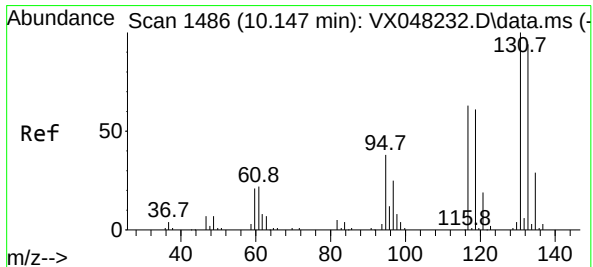
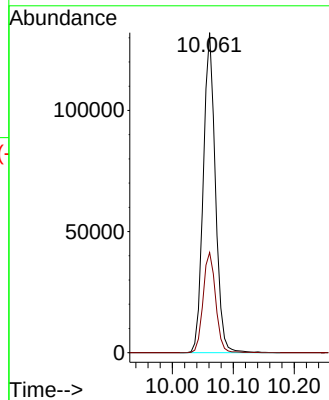
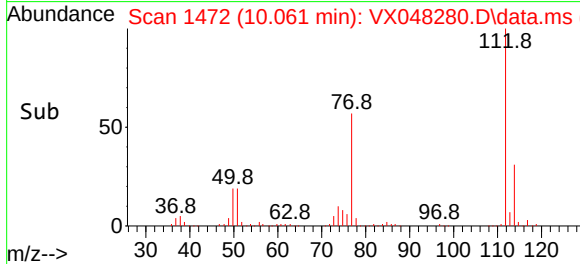
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 182674
Ion Ratio Lower Upper
112 100
114 31.3 26.2 39.2

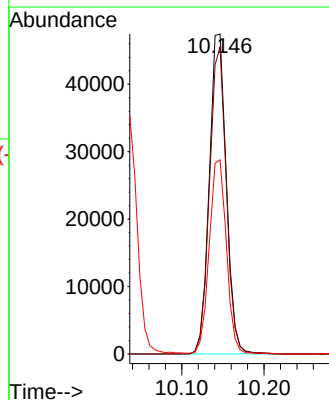
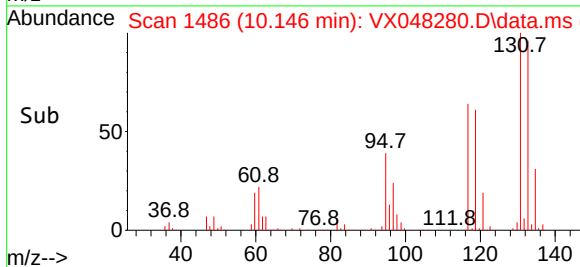
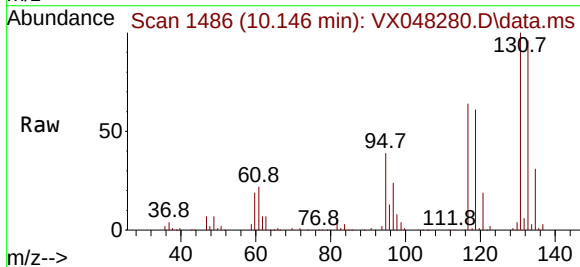
Manual Integrations
APPROVED

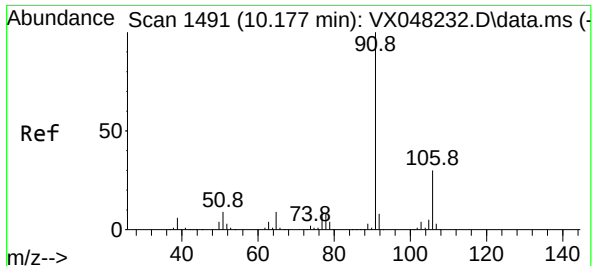
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 54.756 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

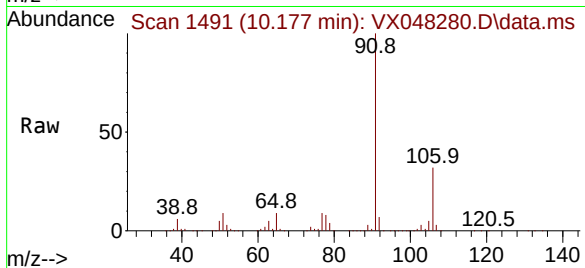
Tgt Ion:131 Resp: 68462
Ion Ratio Lower Upper
131 100
133 94.3 47.6 142.8
119 61.2 32.5 97.5





#67
Ethyl Benzene
Concen: 54.267 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

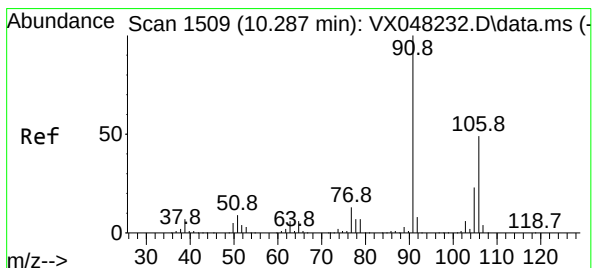
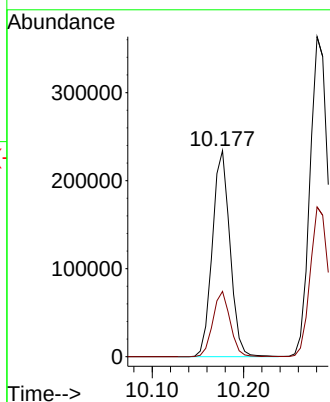
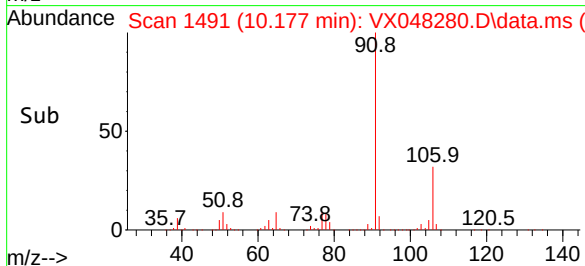
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 314510
Ion Ratio Lower Upper
91 100
106 31.7 23.8 35.6

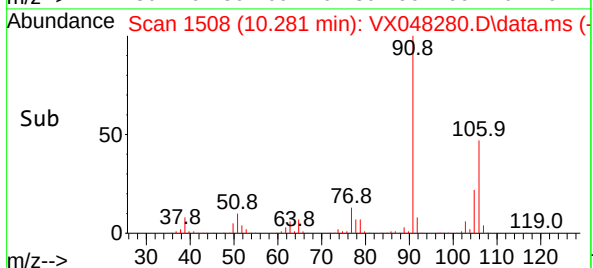
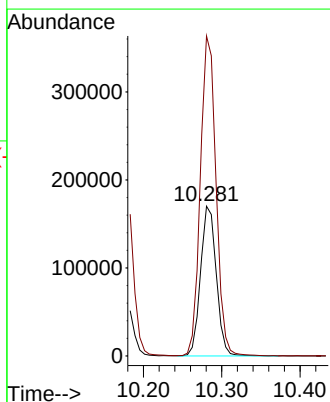
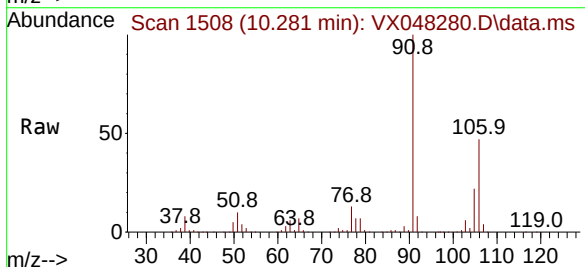
Manual Integrations
APPROVED

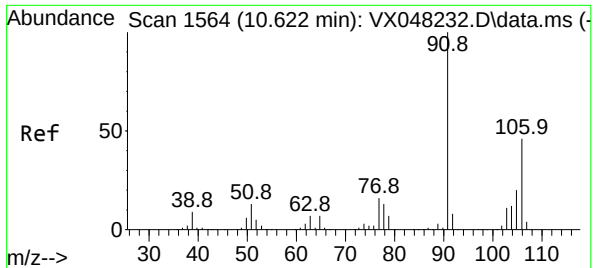
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#68
m/p-Xylenes
Concen: 109.959 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:106 Resp: 236784
Ion Ratio Lower Upper
106 100
91 213.7 167.9 251.9





#69

o-Xylene

Concen: 54.361 ug/l

RT: 10.622 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:106 Resp: 113014

Ion Ratio Lower Upper

106 100

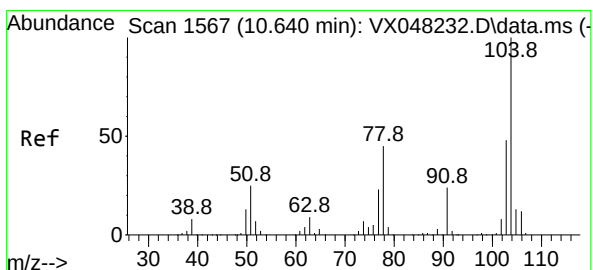
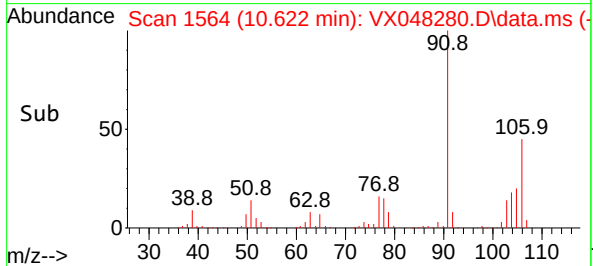
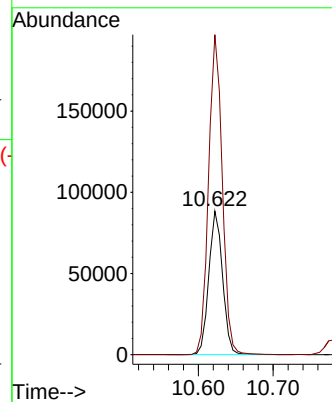
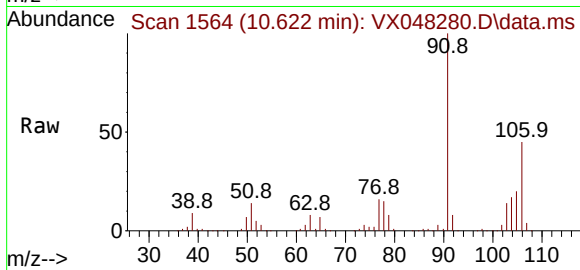
91 222.2 111.3 333.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#70

Styrene

Concen: 55.916 ug/l

RT: 10.634 min Scan# 1566

Delta R.T. -0.006 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

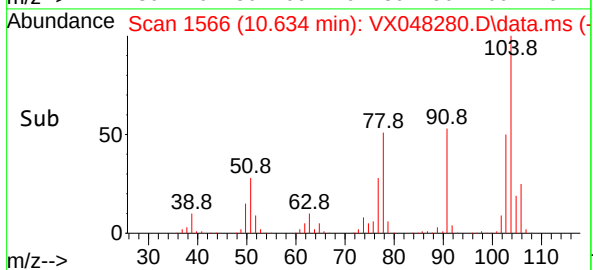
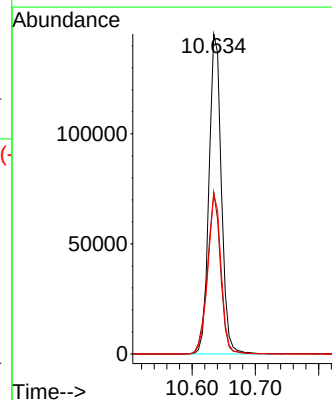
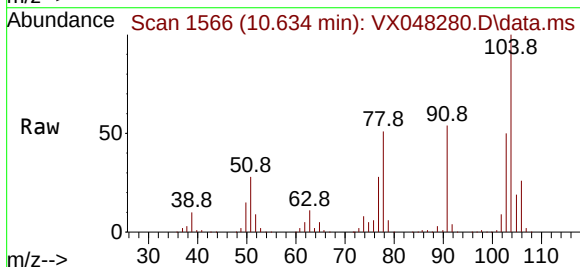
Tgt Ion:104 Resp: 197941

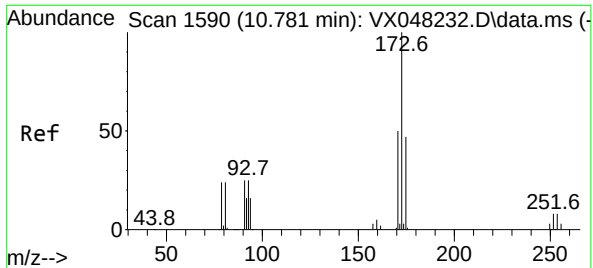
Ion Ratio Lower Upper

104 100

78 53.4 42.2 63.4

103 53.6 43.0 64.4





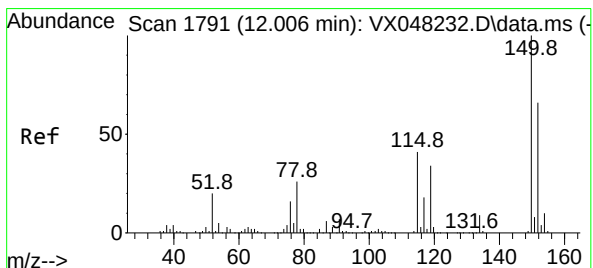
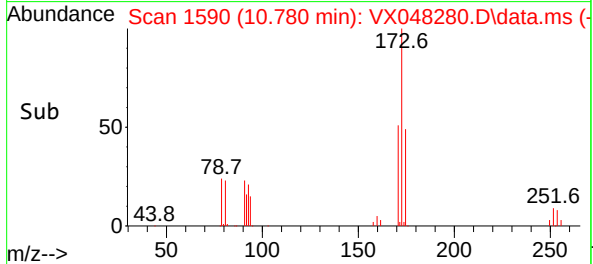
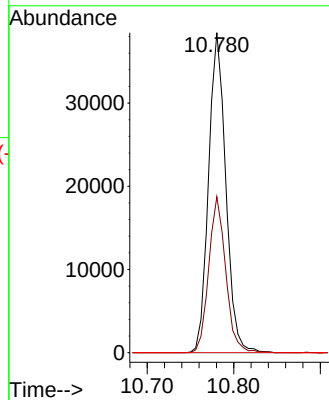
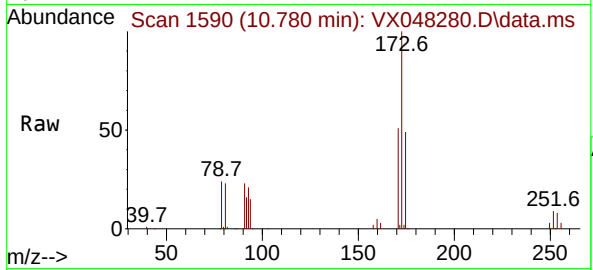
#71
Bromoform
Concen: 53.153 ug/l
RT: 10.780 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 53110
Ion Ratio Lower Upper
173 100
175 48.1 24.0 72.0
254 0.0 0.0 0.0

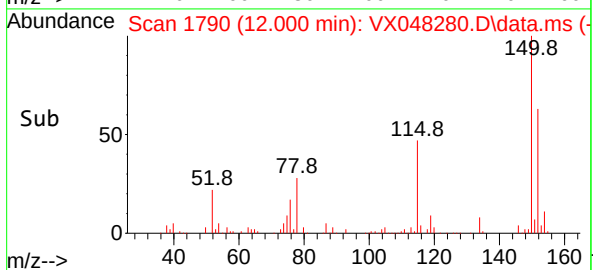
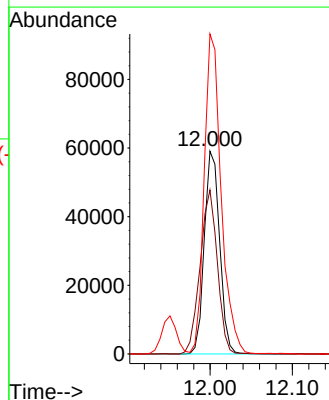
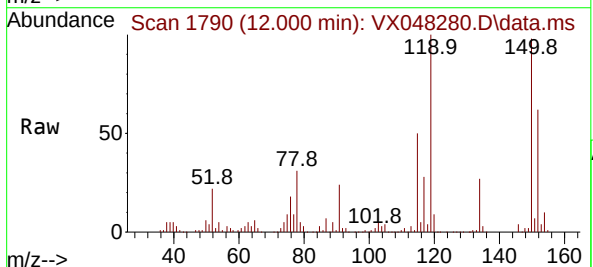
Manual Integrations
APPROVED

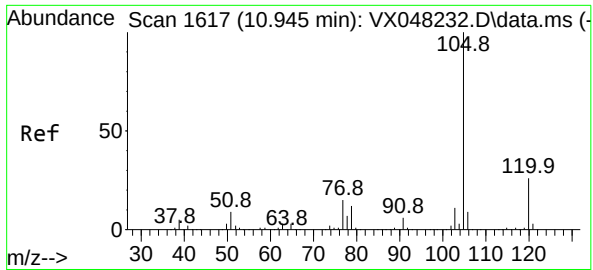
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.000 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:152 Resp: 76595
Ion Ratio Lower Upper
152 100
115 91.1 43.1 129.4
150 173.9 0.0 353.0





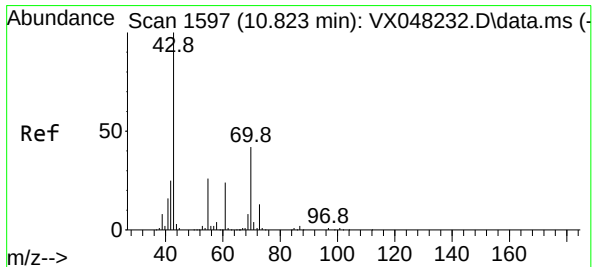
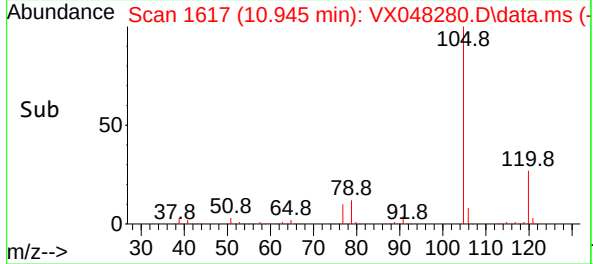
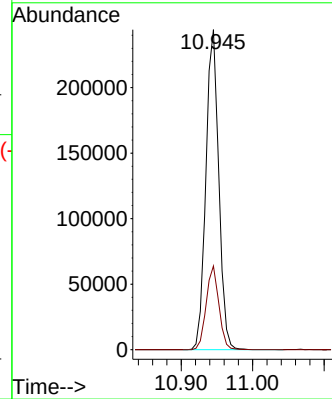
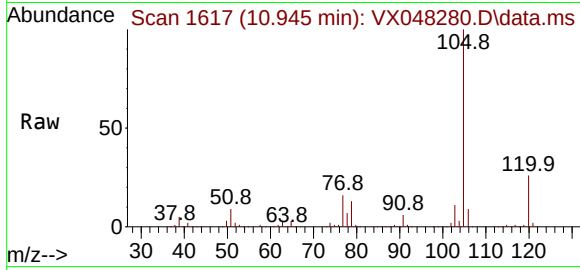
#73
Isopropylbenzene
Concen: 54.500 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 30490
Ion Ratio Lower Upper
105 100
120 25.8 13.0 38.9

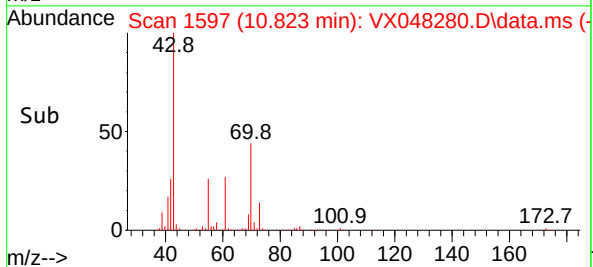
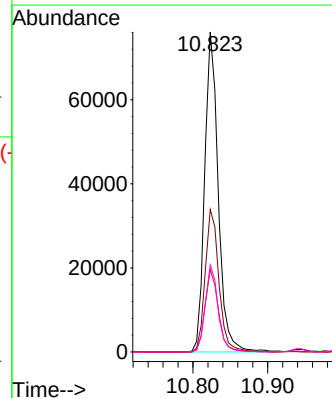
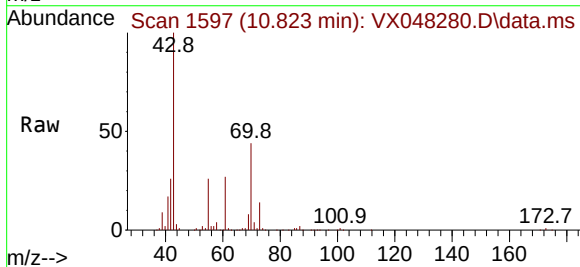
Manual Integrations
APPROVED

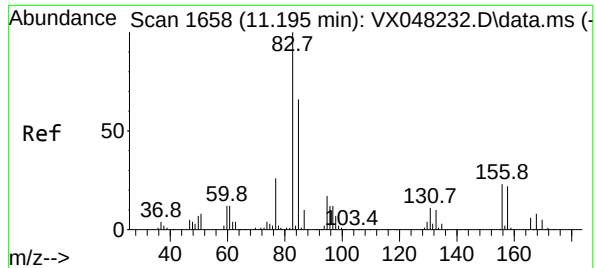
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#74
N-ethyl acetate
Concen: 48.424 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 43 Resp: 96095
Ion Ratio Lower Upper
43 100
70 45.2 32.2 48.2
55 25.5 19.1 28.7
61 25.8 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.292 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 7530

Ion Ratio Lower Upper

83 100

131 11.4 4.8 14.4

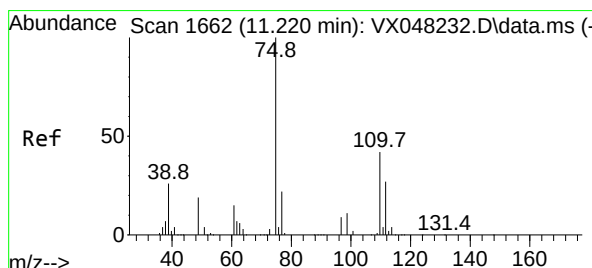
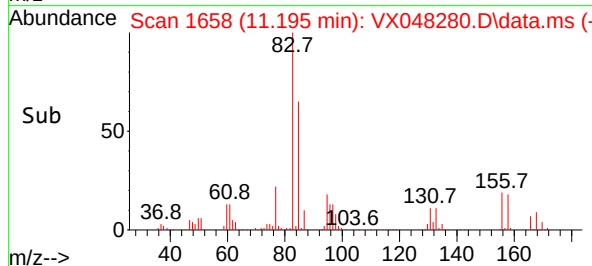
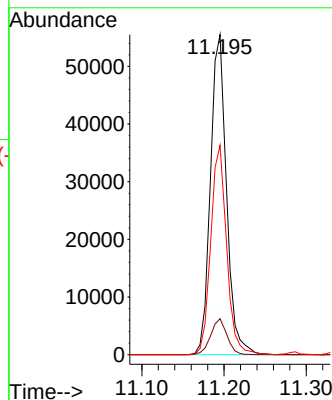
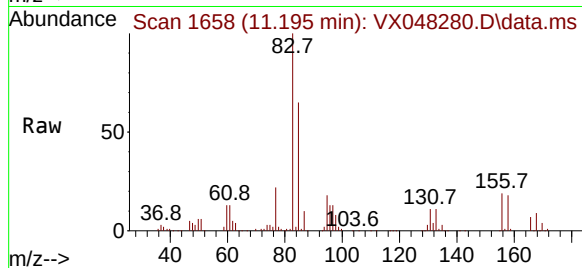
85 64.7 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#76

1,2,3-Trichloropropane

Concen: 50.882 ug/l m

RT: 11.219 min Scan# 1662

Delta R.T. -0.000 min

Lab File: VX048280.D

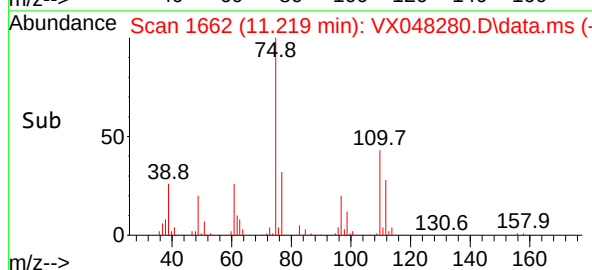
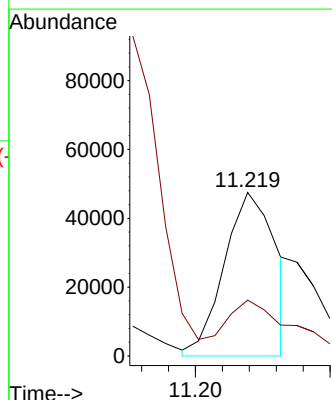
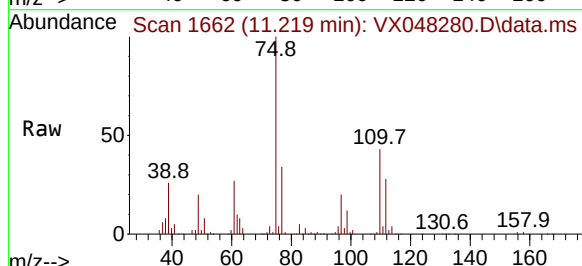
Acq: 22 Oct 2025 08:37

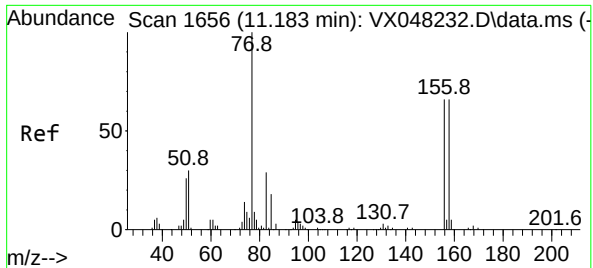
Tgt Ion: 75 Resp: 63201

Ion Ratio Lower Upper

75 100

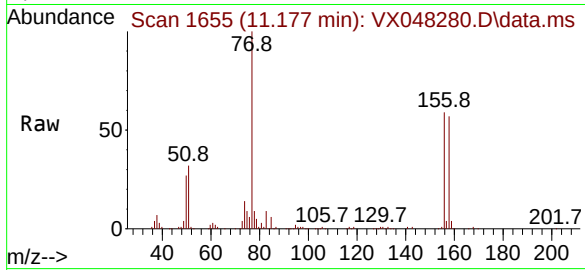
77 45.1 22.4 67.2





#77
Bromobenzene
Concen: 53.507 ug/l
RT: 11.177 min Scan# 1655
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

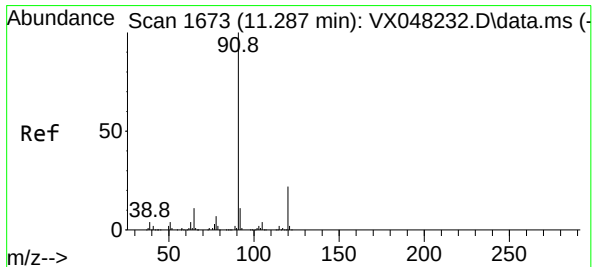
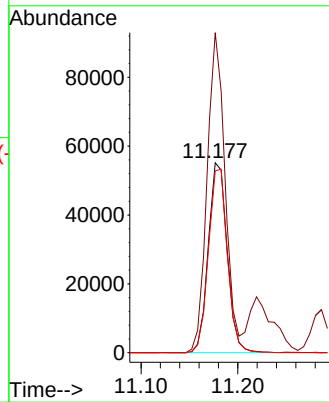
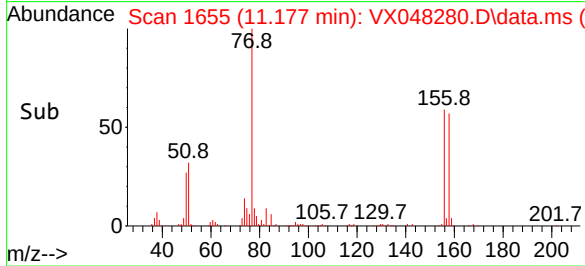
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 75059
Ion Ratio Lower Upper
156 100
77 159.4 87.0 261.0
158 96.7 47.8 143.4

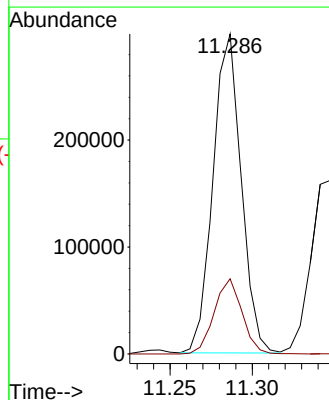
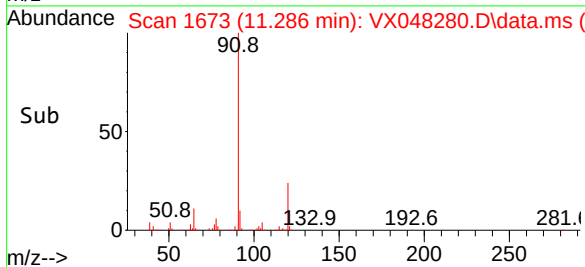
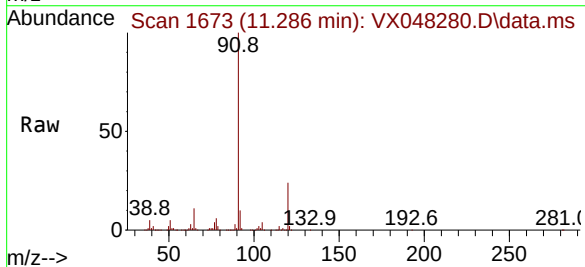
Manual Integrations
APPROVED

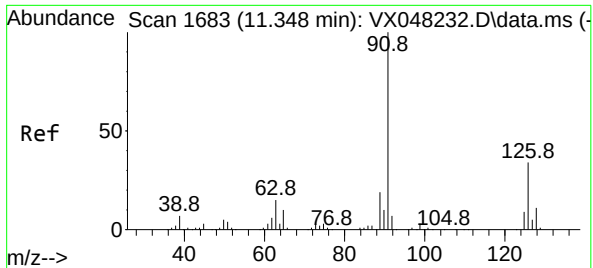
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#78
n-propylbenzene
Concen: 55.000 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 91 Resp: 356264
Ion Ratio Lower Upper
91 100
120 23.3 11.1 33.1





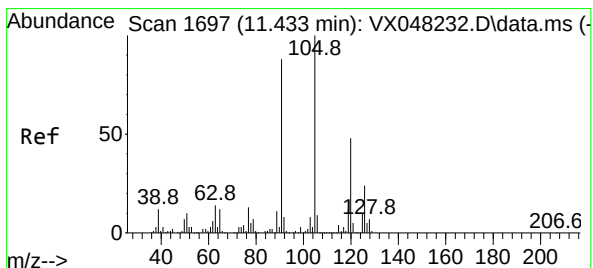
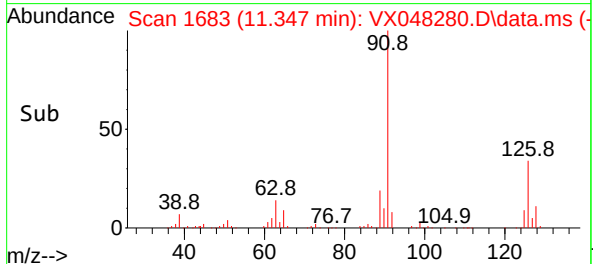
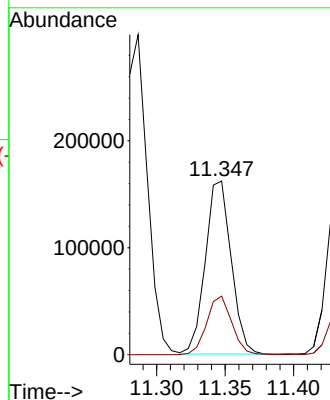
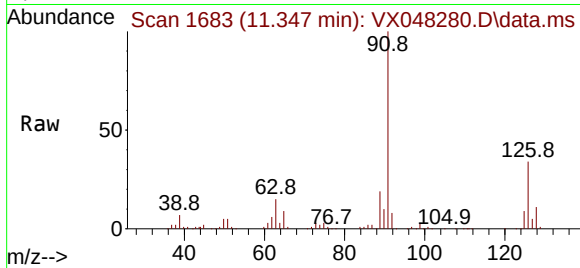
#79
2-Chlorotoluene
Concen: 54.093 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 212434
Ion Ratio Lower Upper
91 100
126 32.8 16.4 49.4

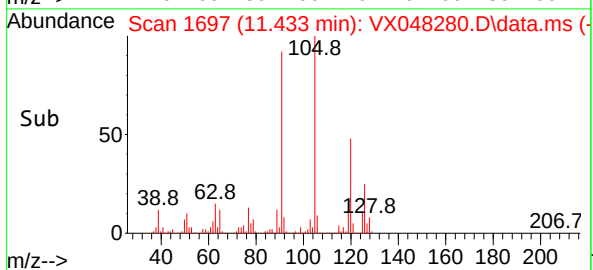
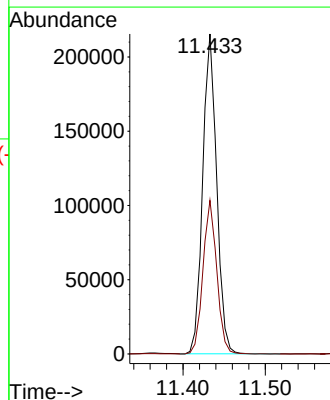
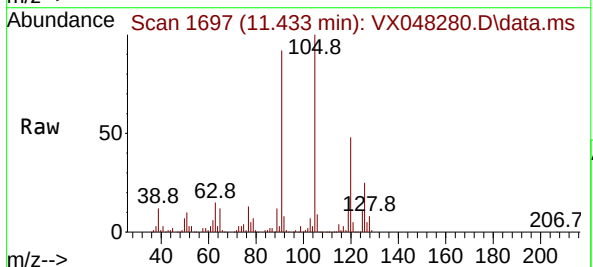
Manual Integrations
APPROVED

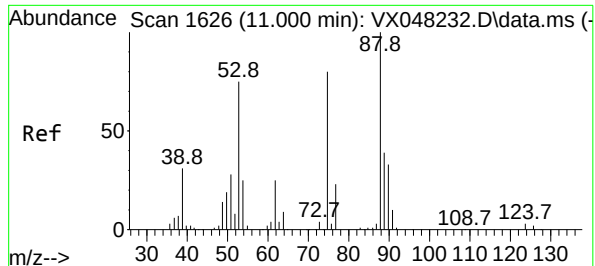
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#80
1,3,5-Trimethylbenzene
Concen: 54.818 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

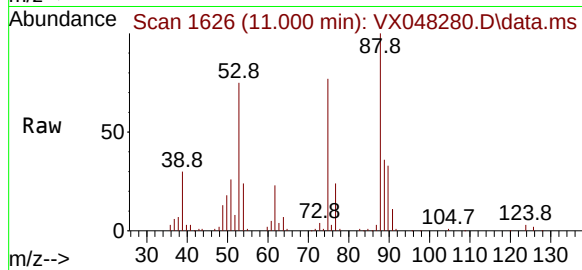
Tgt Ion:105 Resp: 253794
Ion Ratio Lower Upper
105 100
120 47.6 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 50.299 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

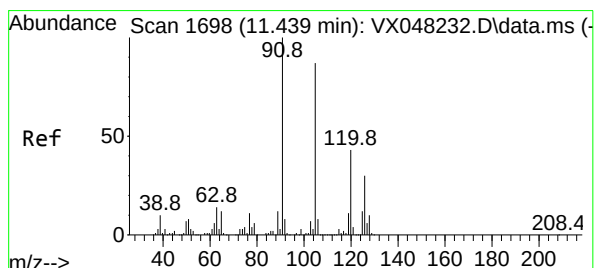
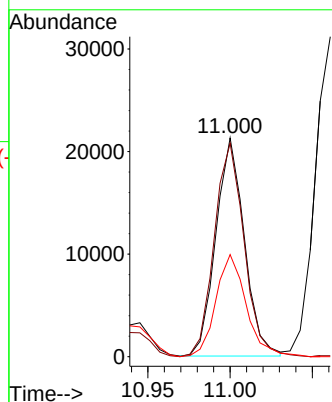
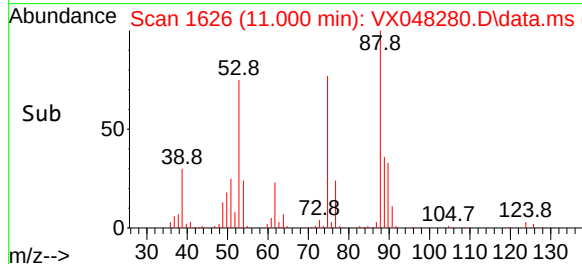
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 25680
Ion Ratio Lower Upper
75 100
53 102.3 79.5 119.3
89 49.9 36.8 55.2

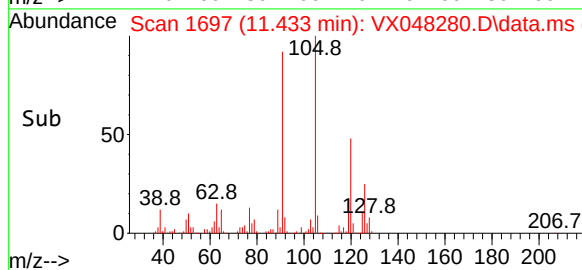
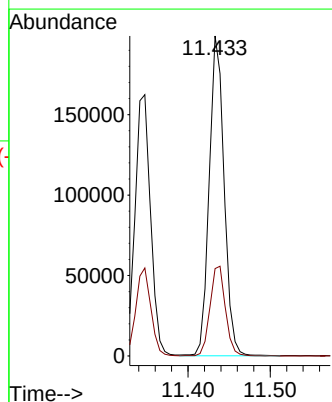
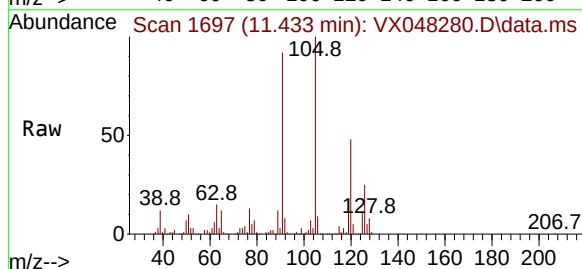
Manual Integrations
APPROVED

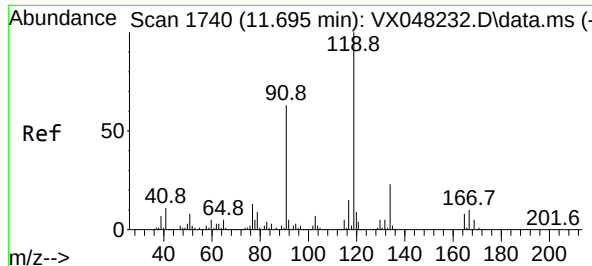
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#82
4-Chlorotoluene
Concen: 53.783 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 91 Resp: 250734
Ion Ratio Lower Upper
91 100
126 29.0 14.1 42.4





#83

tert-Butylbenzene

Concen: 53.430 ug/l

RT: 11.695 min Scan# 1740

Delta R.T. -0.000 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 254160

Ion Ratio Lower Upper

119 100

91 61.2 30.3 91.0

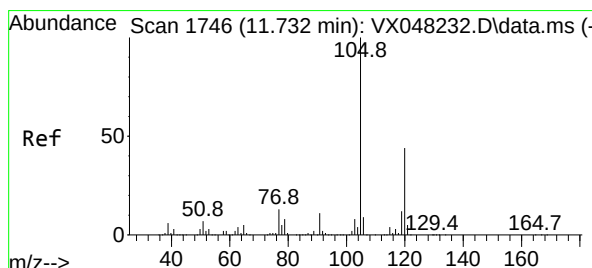
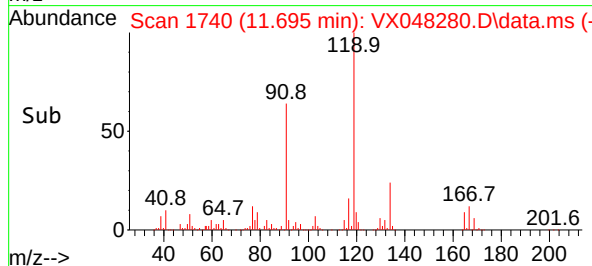
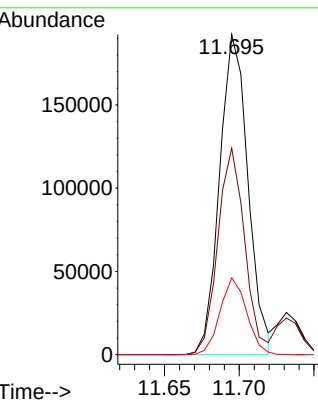
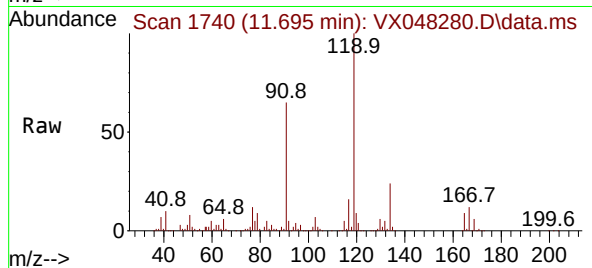
134 22.6 11.4 34.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#84

1,2,4-Trimethylbenzene

Concen: 54.596 ug/l

RT: 11.732 min Scan# 1746

Delta R.T. -0.000 min

Lab File: VX048280.D

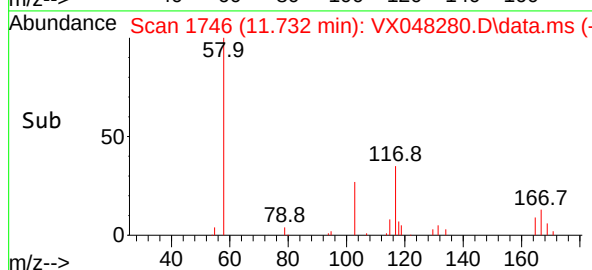
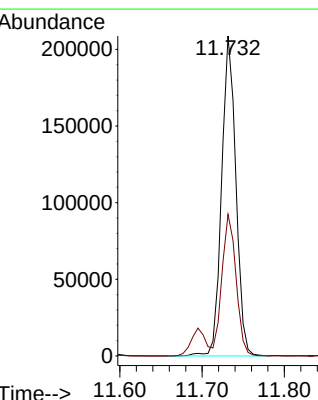
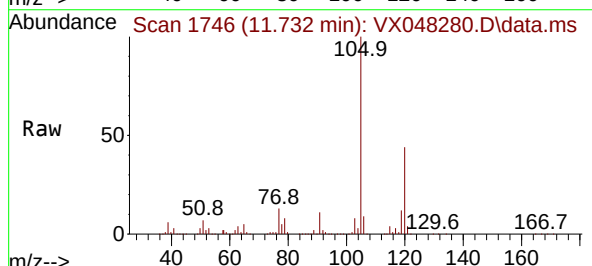
Acq: 22 Oct 2025 08:37

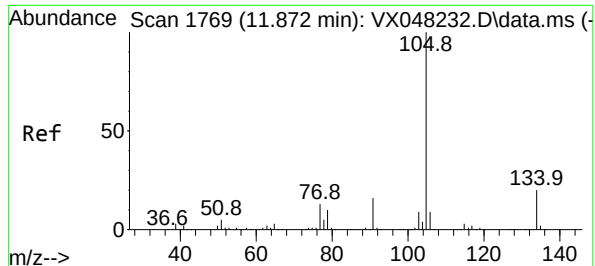
Tgt Ion:105 Resp: 252256

Ion Ratio Lower Upper

105 100

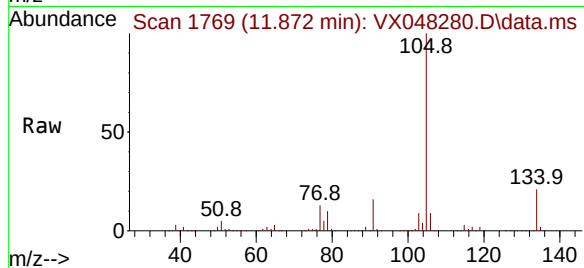
120 43.6 22.1 66.5





#85
 sec-Butylbenzene
 Concen: 54.013 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048280.D
 Acq: 22 Oct 2025 08:37

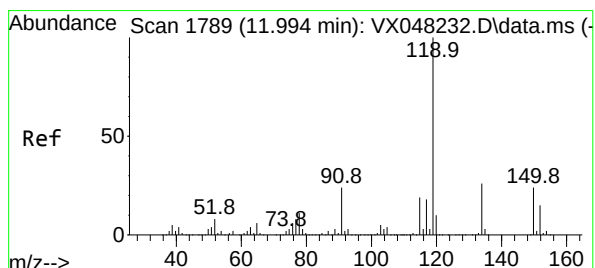
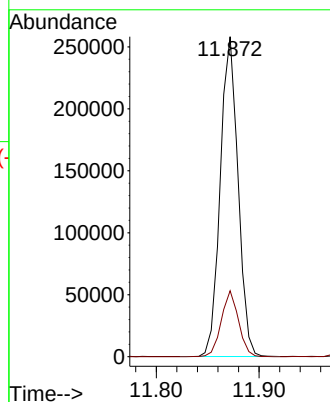
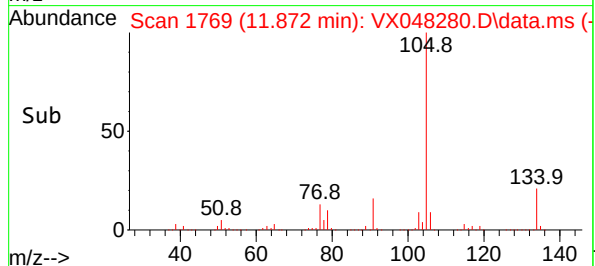
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



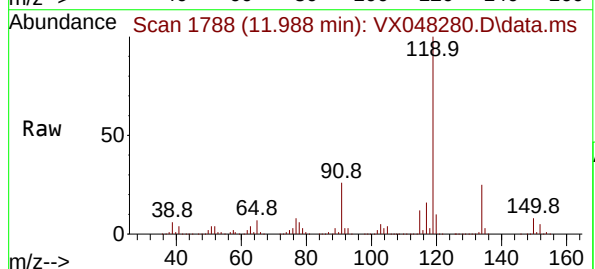
Tgt Ion:105 Resp: 309120
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.1

Manual Integrations
 APPROVED

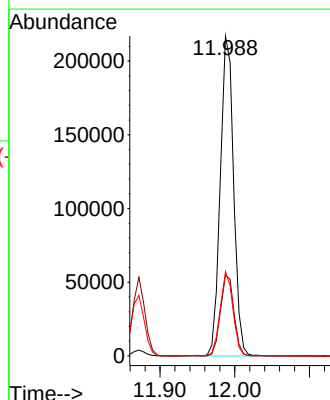
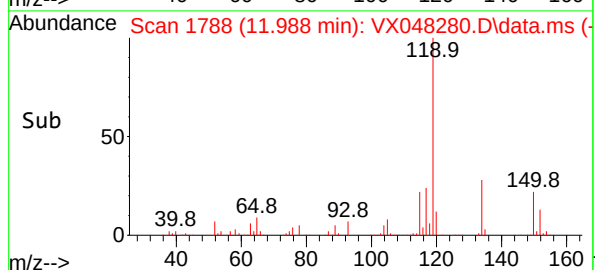
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/24/2025

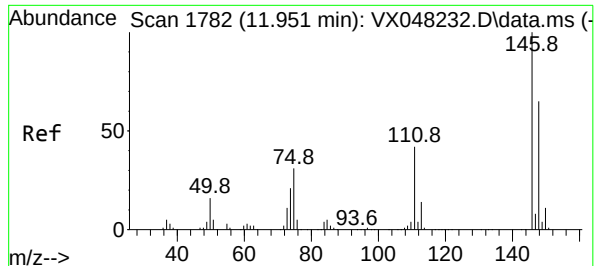


#86
 p-Isopropyltoluene
 Concen: 54.408 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. -0.000 min
 Lab File: VX048280.D
 Acq: 22 Oct 2025 08:37



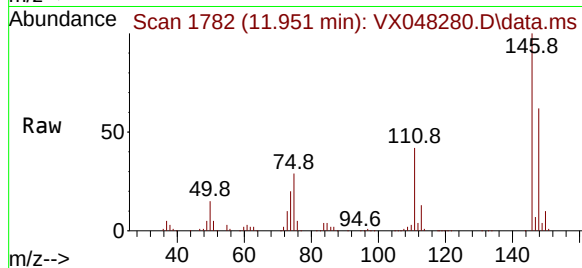
Tgt Ion:119 Resp: 269139
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.0 39.0
 91 25.4 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 52.079 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

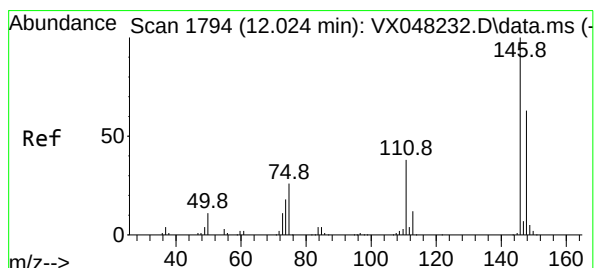
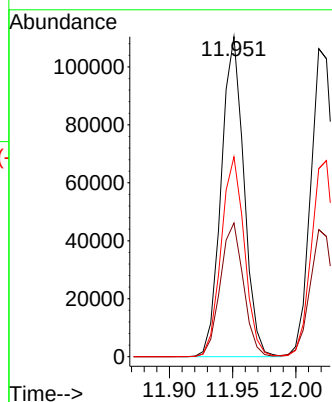
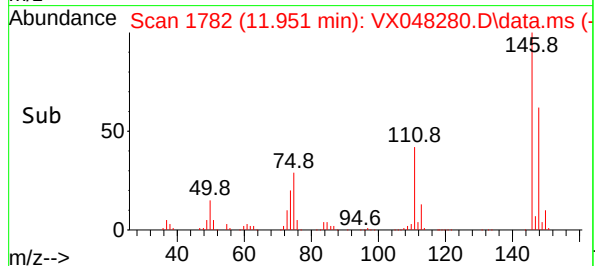
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



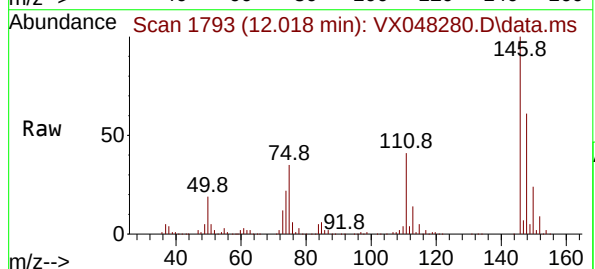
Tgt Ion:146 Resp: 13772
Ion Ratio Lower Upper
146 100
111 42.6 20.4 61.2
148 63.9 31.9 95.9

Manual Integrations
APPROVED

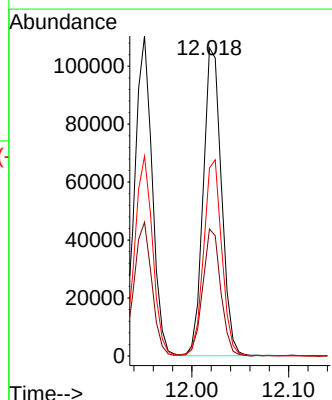
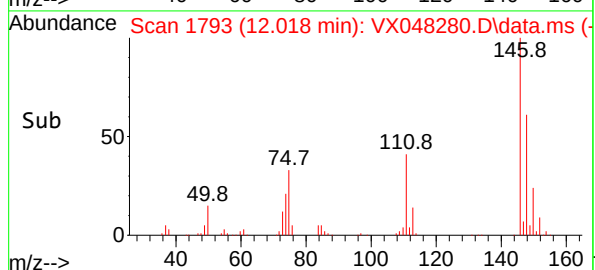
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

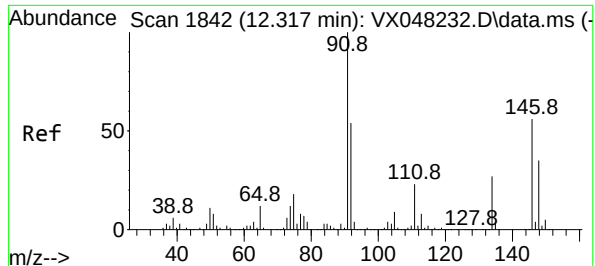


#88
1,4-Dichlorobenzene
Concen: 50.886 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37



Tgt Ion:146 Resp: 139405
Ion Ratio Lower Upper
146 100
111 40.9 20.1 60.2
148 63.0 31.8 95.3





#89

n-Butylbenzene

Concen: 52.334 ug/l

RT: 12.311 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 23563

Ion Ratio Lower Upper

91 100

92 53.3 26.9 80.6

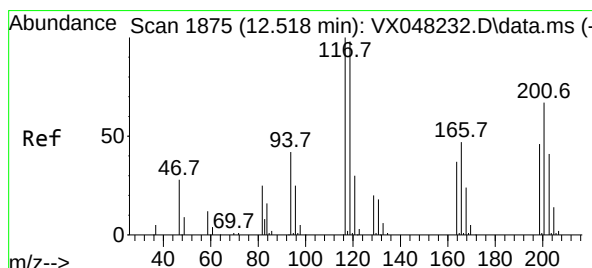
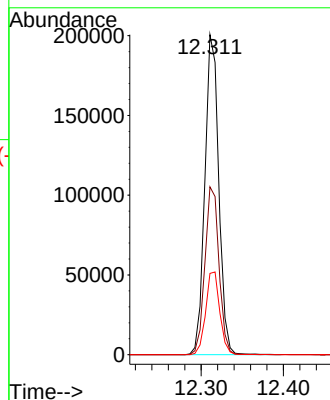
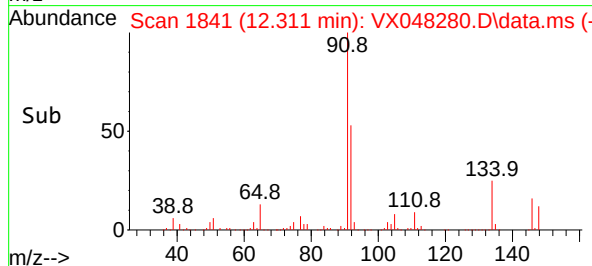
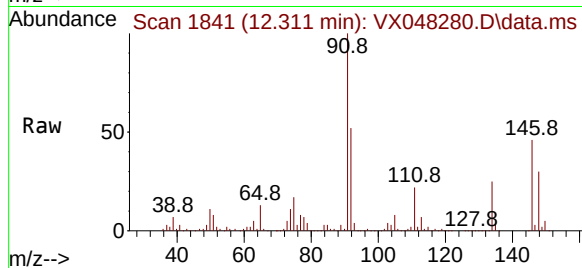
134 26.2 12.7 38.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#90

Hexachloroethane

Concen: 50.400 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VX048280.D

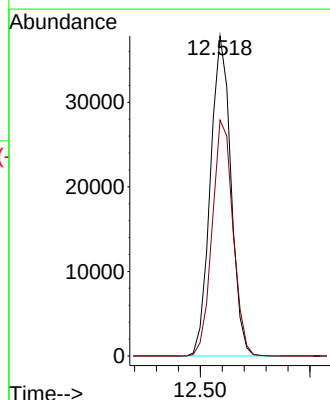
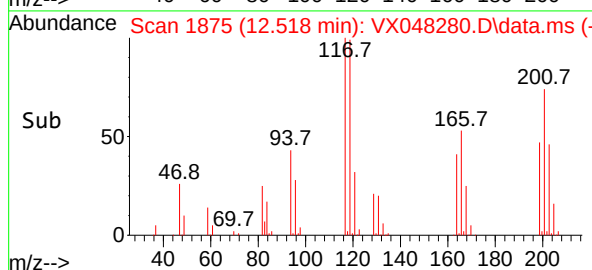
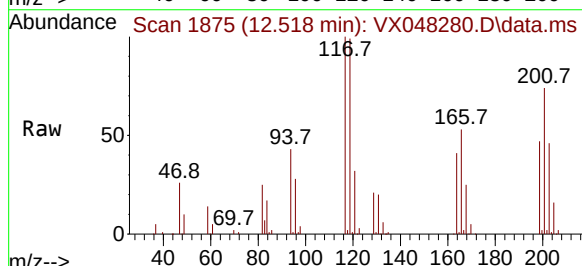
Acq: 22 Oct 2025 08:37

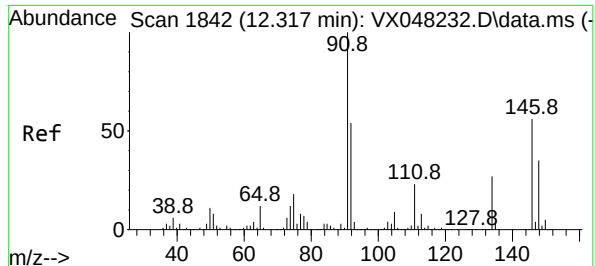
Tgt Ion:117 Resp: 49234

Ion Ratio Lower Upper

117 100

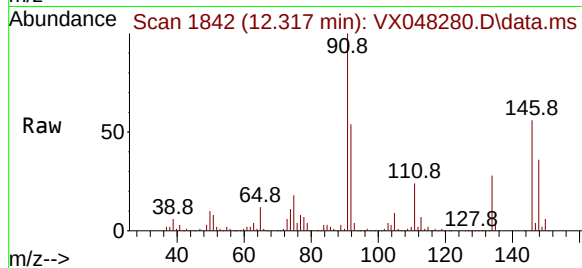
201 74.7 34.1 102.2





#91
1,2-Dichlorobenzene
Concen: 52.256 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

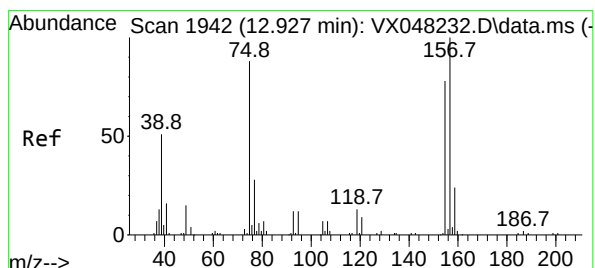
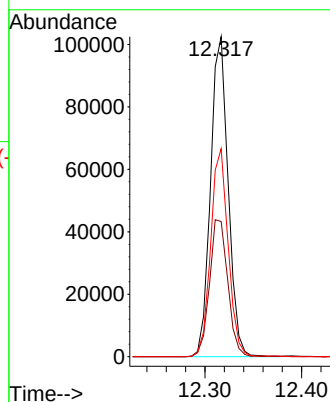
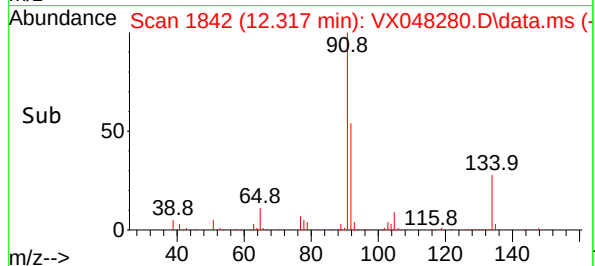
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 12974
Ion Ratio Lower Upper
146 100
111 44.6 21.9 65.5
148 64.7 31.9 95.5

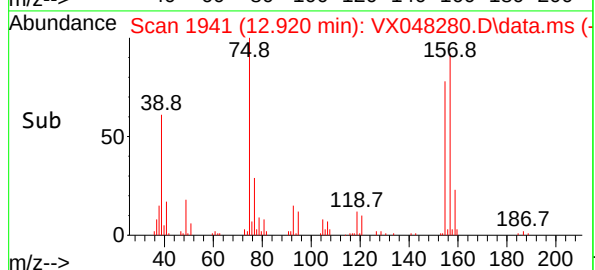
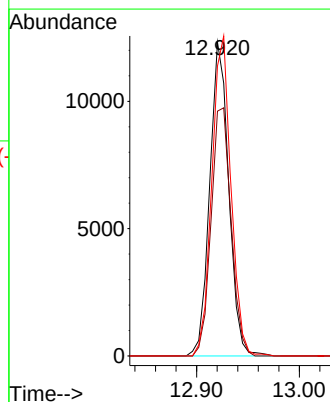
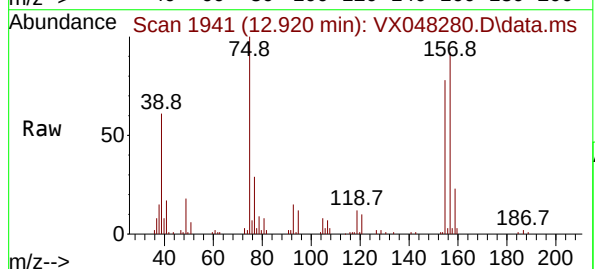
Manual Integrations
APPROVED

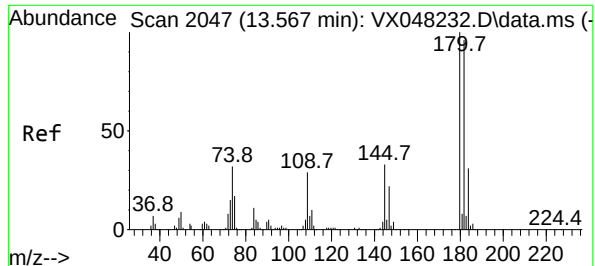
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.071 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 75 Resp: 15838
Ion Ratio Lower Upper
75 100
155 83.0 42.8 128.4
157 102.4 54.2 162.6





#93

1,2,4-Trichlorobenzene

Concen: 51.009 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

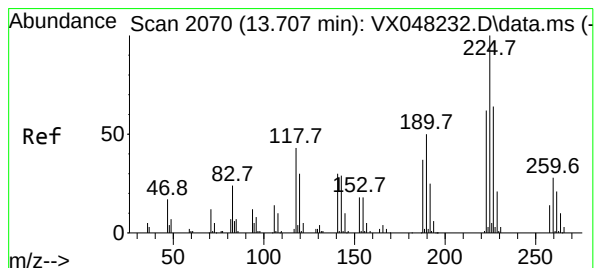
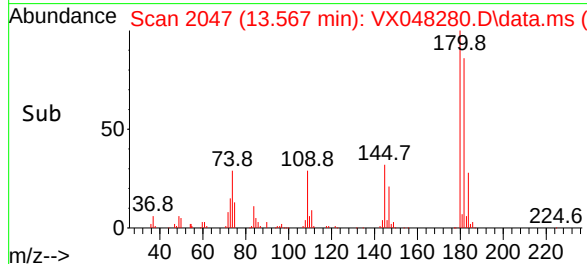
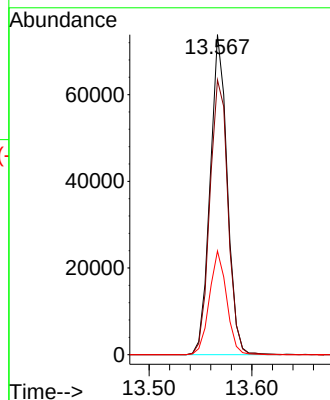
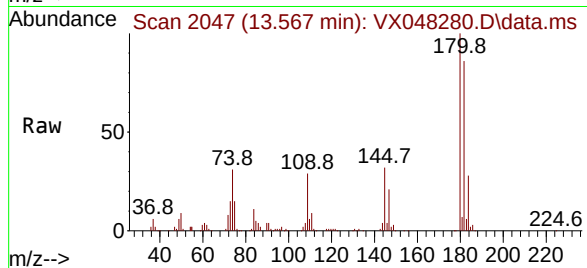
Tgt Ion:	180	Resp:	8564
Ion Ratio	Lower	Upper	
180	100		
182	91.2	47.3	142.0
145	32.5	16.3	48.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#94

Hexachlorobutadiene

Concen: 54.034 ug/l

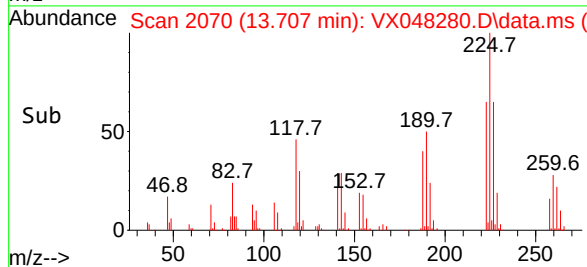
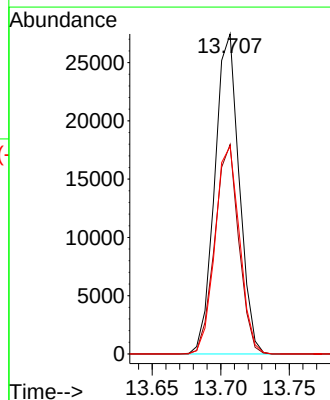
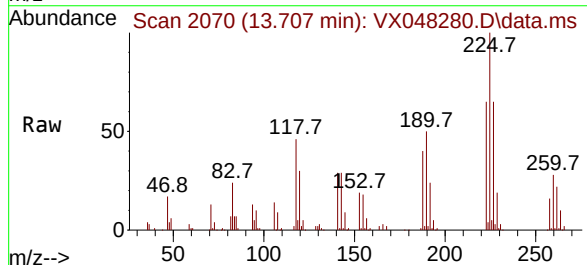
RT: 13.707 min Scan# 2070

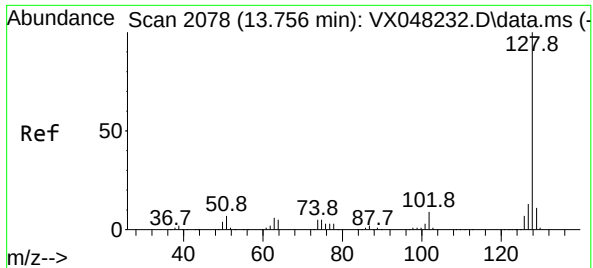
Delta R.T. 0.006 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

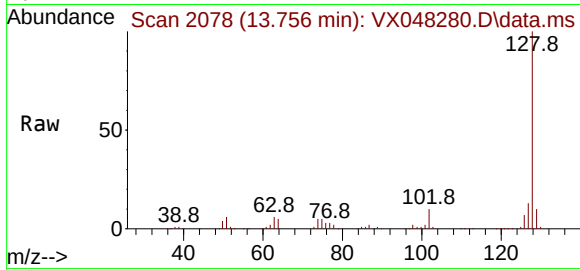
Tgt Ion:	225	Resp:	34001
Ion Ratio	Lower	Upper	
225	100		
223	64.3	32.6	97.7
227	65.2	32.5	97.4





#95
Naphthalene
Concen: 51.017 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

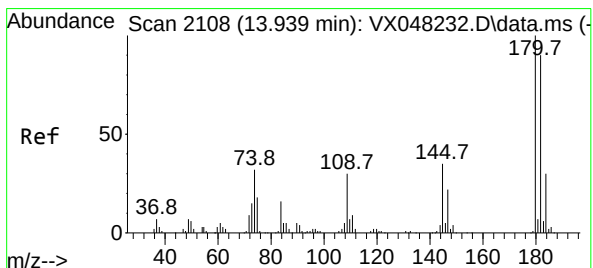
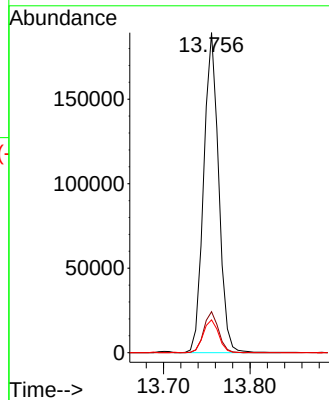
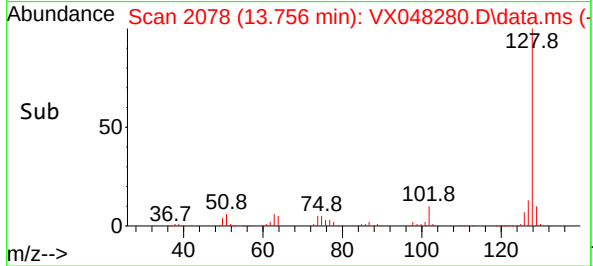
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 226945
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.6 8.6 12.8

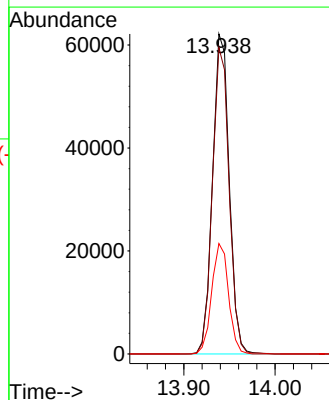
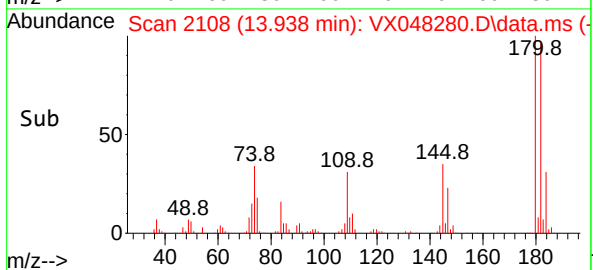
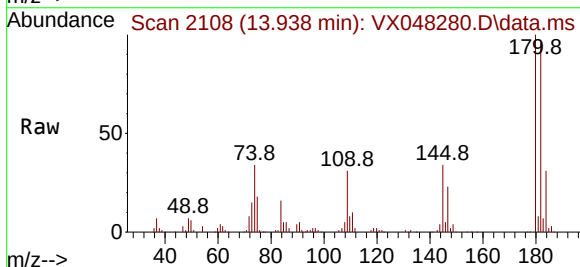
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#96
1,2,3-Trichlorobenzene
Concen: 51.255 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:180 Resp: 78971
Ion Ratio Lower Upper
180 100
182 95.5 46.6 139.7
145 34.7 16.9 50.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
 Data File : VX048280.D
 Acq On : 22 Oct 2025 08:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 24 05:49:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 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	91	-0.01
2 T	Dichlorodifluoromethane	0.514	0.578	-12.5	108	0.00
3 P	Chloromethane	0.480	0.438	8.7	88	0.00
4 C	Vinyl Chloride	0.444	0.420	5.4#	91	0.00
5 T	Bromomethane	0.302	0.297	1.7	96	0.00
6 T	Chloroethane	0.261	0.256	1.9	94	0.00
7 T	Trichlorofluoromethane	0.852	0.951	-11.6	107	0.00
8 T	Diethyl Ether	0.240	0.231	3.7	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.540	0.607	-12.4	110	0.00
10 T	Methyl Iodide	0.678	0.771	-13.7	105	0.00
11 T	Tert butyl alcohol	0.070	0.063	10.0	93	0.00
12 CM	1,1-Dichloroethene	0.525	0.556	-5.9#	104	0.00
13 T	Acrolein	0.071	0.085	-19.7	119	0.00
14 T	Allyl chloride	0.872	0.833	4.5	94	0.00
15 T	Acrylonitrile	0.251	0.233	7.2	88	0.00
16 T	Acetone	0.240	0.274	-14.2	123	0.00
17 T	Carbon Disulfide	1.654	1.577	4.7	99	0.00
18 T	Methyl Acetate	0.502	0.458	8.8	89	0.00
19 T	Methyl tert-butyl Ether	1.791	1.857	-3.7	99	0.00
20 T	Methylene Chloride	0.586	0.608	-3.8	100	0.00
21 T	trans-1,2-Dichloroethene	0.577	0.603	-4.5	102	0.00
22 T	Diisopropyl ether	1.738	1.741	-0.2	95	0.00
23 T	Vinyl Acetate	1.389	1.377	0.9	93	0.00
24 P	1,1-Dichloroethane	1.051	1.063	-1.1	99	0.00
25 T	2-Butanone	0.304	0.297	2.3	96	0.00
26 T	2,2-Dichloropropane	0.949	1.024	-7.9	106	0.00
27 T	cis-1,2-Dichloroethene	0.673	0.684	-1.6	99	-0.01
28 T	Bromochloromethane	0.436	0.447	-2.5	92	0.00
29 T	Tetrahydrofuran	0.182	0.159	12.6	85	0.00
30 C	Chloroform	1.123	1.158	-3.1#	100	0.00
31 T	Cyclohexane	0.870	0.876	-0.7	97	0.00
32 T	1,1,1-Trichloroethane	1.035	1.137	-9.9	106	-0.01
33 S	1,2-Dichloroethane-d4	0.701	0.677	3.4	90	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.00
35 S	Dibromofluoromethane	0.341	0.353	-3.5	91	0.00
36 T	1,1-Dichloropropene	0.485	0.520	-7.2	102	-0.01
37 T	Ethyl Acetate	0.402	0.376	6.5	87	0.00
38 T	Carbon Tetrachloride	0.599	0.685	-14.4	105	0.00
39 T	Methylcyclohexane	0.573	0.634	-10.6	100	0.00
40 TM	Benzene	1.409	1.476	-4.8	96	-0.01
41 T	Methacrylonitrile	0.211	0.208	1.4	87	0.00
42 TM	1,2-Dichloroethane	0.520	0.586	-12.7	100	0.00
43 T	Isopropyl Acetate	0.661	0.635	3.9	85	-0.01
44 TM	Trichloroethene	0.372	0.403	-8.3	98	0.00
45 C	1,2-Dichloropropane	0.335	0.349	-4.2#	92	0.00
46 T	Dibromomethane	0.261	0.276	-5.7	95	0.00
47 T	Bromodichloromethane	0.563	0.621	-10.3	98	0.00
48 T	Methyl methacrylate	0.333	0.332	0.3	87	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
 Data File : VX048280.D
 Acq On : 22 Oct 2025 08:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 24 05:49:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.004	0.004	0.0	80	0.00
50 S	Toluene-d8	1.196	1.188	0.7	85	0.00
51 T	4-Methyl-2-Pentanone	0.381	0.362	5.0	82	0.00
52 CM	Toluene	0.895	0.954	-6.6#	94	0.00
53 T	t-1,3-Dichloropropene	0.543	0.594	-9.4	93	0.00
54 T	cis-1,3-Dichloropropene	0.586	0.625	-6.7	93	0.00
55 T	1,1,2-Trichloroethane	0.333	0.347	-4.2	92	0.00
56 T	Ethyl methacrylate	0.487	0.495	-1.6	86	0.00
57 T	1,3-Dichloropropane	0.568	0.591	-4.0	92	0.00
58 T	2-Chloroethyl Vinyl ether	0.232	0.267	-15.1	87	0.00
59 T	2-Hexanone	0.266	0.280	-5.3	89	0.00
60 T	Dibromochloromethane	0.447	0.470	-5.1	94	0.00
61 T	1,2-Dibromoethane	0.355	0.373	-5.1	93	0.00
62 S	4-Bromofluorobenzene	0.455	0.440	3.3	84	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
64 T	Tetrachloroethene	0.373	0.399	-7.0	100	0.00
65 PM	Chlorobenzene	1.125	1.207	-7.3	95	0.00
66 T	1,1,1,2-Tetrachloroethane	0.413	0.452	-9.4	95	0.00
67 C	Ethyl Benzene	1.915	2.078	-8.5#	93	0.00
68 T	m/p-Xylenes	0.712	0.782	-9.8	93	0.00
69 T	o-Xylene	0.687	0.747	-8.7	92	0.00
70 T	Styrene	1.170	1.308	-11.8	94	0.00
71 P	Bromoform	0.330	0.351	-6.4	93	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	83	0.00
73 T	Isopropylbenzene	3.652	3.981	-9.0	96	0.00
74 T	N-amyl acetate	1.295	1.255	3.1	83	0.00
75 P	1,1,2,2-Tetrachloroethane	0.997	0.983	1.4	86	0.00
76 T	1,2,3-Trichloropropane	0.811	0.825	-1.7	93	0.00
77 T	Bromobenzene	0.916	0.980	-7.0	94	0.00
78 T	n-propylbenzene	4.228	4.651	-10.0	96	0.00
79 T	2-Chlorotoluene	2.564	2.773	-8.2	96	0.00
80 T	1,3,5-Trimethylbenzene	3.022	3.313	-9.6	96	0.00
81 T	trans-1,4-Dichloro-2-butene	0.333	0.335	-0.6	88	0.00
82 T	4-Chlorotoluene	3.043	3.274	-7.6	94	0.00
83 T	tert-Butylbenzene	3.105	3.318	-6.9	94	0.00
84 T	1,2,4-Trimethylbenzene	3.016	3.293	-9.2	95	0.00
85 T	sec-Butylbenzene	3.736	4.036	-8.0	96	0.00
86 T	p-Isopropyltoluene	3.229	3.514	-8.8	97	0.00
87 T	1,3-Dichlorobenzene	1.726	1.798	-4.2	96	0.00
88 T	1,4-Dichlorobenzene	1.788	1.820	-1.8	95	0.00
89 T	n-Butylbenzene	2.939	3.076	-4.7	97	0.00
90 T	Hexachloroethane	0.638	0.643	-0.8	93	0.00
91 T	1,2-Dichlorobenzene	1.621	1.694	-4.5	94	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.202	0.207	-2.5	88	0.00
93 T	1,2,4-Trichlorobenzene	1.096	1.118	-2.0	96	0.00
94 T	Hexachlorobutadiene	0.507	0.444	12.4	98	0.00
95 T	Naphthalene	2.904	2.963	-2.0	88	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048280.D
Acq On : 22 Oct 2025 08:37
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 24 05:49:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.006	1.031	-2.5	94	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
 Data File : VX048280.D
 Acq On : 22 Oct 2025 08:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 24 05:49:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 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	91	-0.01
2 T	Dichlorodifluoromethane	50.000	56.241	-12.5	108	0.00
3 P	Chloromethane	50.000	45.630	8.7	88	0.00
4 C	Vinyl Chloride	50.000	47.239	5.5#	91	0.00
5 T	Bromomethane	50.000	49.271	1.5	96	0.00
6 T	Chloroethane	50.000	49.038	1.9	94	0.00
7 T	Trichlorofluoromethane	50.000	55.808	-11.6	107	0.00
8 T	Diethyl Ether	50.000	48.077	3.8	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	56.225	-12.5	110	0.00
10 T	Methyl Iodide	50.000	56.868	-13.7	105	0.00
11 T	Tert butyl alcohol	250.000	227.724	8.9	93	0.00
12 CM	1,1-Dichloroethene	50.000	52.943	-5.9#	104	0.00
13 T	Acrolein	250.000	300.005	-20.0	119	0.00
14 T	Allyl chloride	50.000	47.813	4.4	94	0.00
15 T	Acrylonitrile	250.000	232.450	7.0	88	0.00
16 T	Acetone	250.000	284.337	-13.7	123	0.00
17 T	Carbon Disulfide	50.000	47.654	4.7	99	0.00
18 T	Methyl Acetate	50.000	45.566	8.9	89	0.00
19 T	Methyl tert-butyl Ether	50.000	51.835	-3.7	99	0.00
20 T	Methylene Chloride	50.000	51.912	-3.8	100	0.00
21 T	trans-1,2-Dichloroethene	50.000	52.315	-4.6	102	0.00
22 T	Diisopropyl ether	50.000	50.085	-0.2	95	0.00
23 T	Vinyl Acetate	250.000	247.880	0.8	93	0.00
24 P	1,1-Dichloroethane	50.000	50.586	-1.2	99	0.00
25 T	2-Butanone	250.000	244.037	2.4	96	0.00
26 T	2,2-Dichloropropane	50.000	53.950	-7.9	106	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.857	-1.7	99	-0.01
28 T	Bromochloromethane	50.000	51.316	-2.6	92	0.00
29 T	Tetrahydrofuran	250.000	218.666	12.5	85	0.00
30 C	Chloroform	50.000	51.559	-3.1#	100	0.00
31 T	Cyclohexane	50.000	50.349	-0.7	97	0.00
32 T	1,1,1-Trichloroethane	50.000	54.907	-9.8	106	-0.01
33 S	1,2-Dichloroethane-d4	50.000	48.250	3.5	90	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	85	0.00
35 S	Dibromofluoromethane	50.000	51.667	-3.3	91	0.00
36 T	1,1-Dichloropropene	50.000	53.632	-7.3	102	-0.01
37 T	Ethyl Acetate	50.000	46.733	6.5	87	0.00
38 T	Carbon Tetrachloride	50.000	57.216	-14.4	105	0.00
39 T	Methylcyclohexane	50.000	55.285	-10.6	100	0.00
40 TM	Benzene	50.000	52.383	-4.8	96	-0.01
41 T	Methacrylonitrile	50.000	49.349	1.3	87	0.00
42 TM	1,2-Dichloroethane	50.000	56.333	-12.7	100	0.00
43 T	Isopropyl Acetate	50.000	48.053	3.9	85	-0.01
44 TM	Trichloroethene	50.000	54.227	-8.5	98	0.00
45 C	1,2-Dichloropropane	50.000	52.114	-4.2#	92	0.00
46 T	Dibromomethane	50.000	52.817	-5.6	95	0.00
47 T	Bromodichloromethane	50.000	55.092	-10.2	98	0.00
48 T	Methyl methacrylate	50.000	49.735	0.5	87	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
 Data File : VX048280.D
 Acq On : 22 Oct 2025 08:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 24 05:49:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 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	951.387	4.9	80	0.00
50 S	Toluene-d8	50.000	49.640	0.7	85	0.00
51 T	4-Methyl-2-Pentanone	250.000	237.329	5.1	82	0.00
52 CM	Toluene	50.000	53.307	-6.6#	94	0.00
53 T	t-1,3-Dichloropropene	50.000	54.699	-9.4	93	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.352	-6.7	93	0.00
55 T	1,1,2-Trichloroethane	50.000	52.167	-4.3	92	0.00
56 T	Ethyl methacrylate	50.000	50.869	-1.7	86	0.00
57 T	1,3-Dichloropropane	50.000	52.019	-4.0	92	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	255.311	-2.1	87	0.00
59 T	2-Hexanone	250.000	263.703	-5.5	89	0.00
60 T	Dibromochloromethane	50.000	52.530	-5.1	94	0.00
61 T	1,2-Dibromoethane	50.000	52.565	-5.1	93	0.00
62 S	4-Bromofluorobenzene	50.000	48.352	3.3	84	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	82	0.00
64 T	Tetrachloroethene	50.000	53.469	-6.9	100	0.00
65 PM	Chlorobenzene	50.000	53.663	-7.3	95	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.756	-9.5	95	0.00
67 C	Ethyl Benzene	50.000	54.267	-8.5#	93	0.00
68 T	m/p-Xylenes	100.000	109.959	-10.0	93	0.00
69 T	o-Xylene	50.000	54.361	-8.7	92	0.00
70 T	Styrene	50.000	55.916	-11.8	94	0.00
71 P	Bromoform	50.000	53.153	-6.3	93	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	83	0.00
73 T	Isopropylbenzene	50.000	54.500	-9.0	96	0.00
74 T	N-amyl acetate	50.000	48.424	3.2	83	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.292	1.4	86	0.00
76 T	1,2,3-Trichloropropane	50.000	50.882	-1.8	93	0.00
77 T	Bromobenzene	50.000	53.507	-7.0	94	0.00
78 T	n-propylbenzene	50.000	55.000	-10.0	96	0.00
79 T	2-Chlorotoluene	50.000	54.093	-8.2	96	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.818	-9.6	96	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.299	-0.6	88	0.00
82 T	4-Chlorotoluene	50.000	53.783	-7.6	94	0.00
83 T	tert-Butylbenzene	50.000	53.430	-6.9	94	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.596	-9.2	95	0.00
85 T	sec-Butylbenzene	50.000	54.013	-8.0	96	0.00
86 T	p-Isopropyltoluene	50.000	54.408	-8.8	97	0.00
87 T	1,3-Dichlorobenzene	50.000	52.079	-4.2	96	0.00
88 T	1,4-Dichlorobenzene	50.000	50.886	-1.8	95	0.00
89 T	n-Butylbenzene	50.000	52.334	-4.7	97	0.00
90 T	Hexachloroethane	50.000	50.400	-0.8	93	0.00
91 T	1,2-Dichlorobenzene	50.000	52.256	-4.5	94	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.071	-2.1	88	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.009	-2.0	96	0.00
94 T	Hexachlorobutadiene	50.000	54.034	-8.1	98	0.00
95 T	Naphthalene	50.000	51.017	-2.0	88	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048280.D
Acq On : 22 Oct 2025 08:37
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 24 05:49:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.255	-2.5	94	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6



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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ICES02
 Lab Code: ACE SDG No.: Q3399
 Instrument ID: MSVOA_X Calibration Date/Time: 10/22/2025 18:36
 Lab File ID: VX048308.D Init. Calib. Date(s): 10/20/2025 10/20/2025
 Heated Purge: (Y/N) N Init. Calib. Time(s): 10:59 13:49
 GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Vinyl Chloride	0.444	0.551		24.1	50
1,1-Dichloroethene	0.525	0.380		-27.62	50
2-Butanone	0.304	0.276		-9.21	50
Carbon Tetrachloride	0.599	0.488		-18.53	50
Chloroform	1.123	1.031		-8.19	50
Benzene	1.409	1.296		-8.02	50
1,2-Dichloroethane	0.520	0.475		-8.65	50
Trichloroethene	0.372	0.354		-4.84	50
Tetrachloroethene	0.373	0.382		2.41	50
Chlorobenzene	1.125	1.011	0.3	-10.13	50
1,2-Dichloroethane-d4	0.701	0.593		-15.41	50
Dibromofluoromethane	0.341	0.295		-13.49	50
Toluene-d8	1.196	1.171		-2.09	50
4-Bromofluorobenzene	0.455	0.303		-33.41	50

All other compounds must meet a minimum RRF of 0.010.
 RRF of 1,4-Dioxane = Value should be divide by 1000.

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
 Data File : VX048308.D
 Acq On : 22 Oct 2025 18:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/24/2025
 Supervised By : Mahesh Dadoda 10/24/2025

Quant Time: Oct 24 05:58:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	165808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	262018	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	162404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	79762	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	98371	42.315	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	84.620%		
35) Dibromofluoromethane	5.373	113	77200	43.158	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	86.320%		
50) Toluene-d8	8.635	98	306881	48.945	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.900%		
62) 4-Bromofluorobenzene	11.061	95	79463	33.314	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	66.620%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	66177	38.824	ug/l	97
3) Chloromethane	1.301	50	37608	23.638	ug/l	95
4) Vinyl Chloride	1.380	62	91377	62.022	ug/l	100
5) Bromomethane	1.612	94	32351	32.356	ug/l	97
6) Chloroethane	1.697	64	56587	65.362	ug/l	94
7) Trichlorofluoromethane	1.898	101	146591	51.880	ug/l	99
8) Diethyl Ether	2.136	74	53679	67.517	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	60114	33.597	ug/l	94
10) Methyl Iodide	2.459	142	181583	80.726	ug/l	99
11) Tert butyl alcohol	2.941	59	32336	140.093	ug/l	99
12) 1,1-Dichloroethene	2.325	96	62980	36.180	ug/l	92
13) Acrolein	2.233	56	74306	315.647	ug/l	99
14) Allyl chloride	2.666	41	79895	27.644	ug/l	91
15) Acrylonitrile	3.056	53	114921	138.075	ug/l	100
16) Acetone	2.374	43	95807	120.131	ug/l	98
17) Carbon Disulfide	2.514	76	139872	25.495	ug/l	98
18) Methyl Acetate	2.697	43	59506	35.728	ug/l	94
19) Methyl tert-butyl Ether	3.105	73	185328	31.207	ug/l	96
20) Methylene Chloride	2.788	84	57361	29.518	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	57282	29.957	ug/l	97
22) Diisopropyl ether	3.751	45	291884	50.635	ug/l	96
23) Vinyl Acetate	3.715	43	1110692	241.211	ug/l	97
24) 1,1-Dichloroethane	3.605	63	110925	31.824	ug/l	99
25) 2-Butanone	4.538	43	228459	226.319	ug/l	97
26) 2,2-Dichloropropane	4.471	77	135695	43.131	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	109379	49.014	ug/l	96
28) Bromochloromethane	4.891	49	75080	51.950	ug/l	96
29) Tetrahydrofuran	4.989	42	151482	250.563	ug/l	98
30) Chloroform	5.080	83	171030	45.928	ug/l	99
31) Cyclohexane	5.458	56	143903	49.868	ug/l	95
32) 1,1,1-Trichloroethane	5.367	97	152924	44.558	ug/l	99
36) 1,1-Dichloropropene	5.678	75	115364	45.375	ug/l	99
37) Ethyl Acetate	4.702	43	115541	54.827	ug/l	95
38) Carbon Tetrachloride	5.666	117	127792	40.741	ug/l	95
39) Methylcyclohexane	7.367	83	142533	47.470	ug/l	94
40) Benzene	6.025	78	339549	46.000	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
 Data File : VX048308.D
 Acq On : 22 Oct 2025 18:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/24/2025
 Supervised By : Mahesh Dadoda 10/24/2025

Quant Time: Oct 24 05:58:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	56448	51.006	ug/l	97
42) 1,2-Dichloroethane	6.074	62	124472	45.697	ug/l	100
43) Isopropyl Acetate	6.324	43	179767	51.932	ug/l	97
44) Trichloroethene	7.111	130	92885	47.655	ug/l	95
45) 1,2-Dichloropropane	7.415	63	88398	50.369	ug/l	98
46) Dibromomethane	7.568	93	61658	45.095	ug/l	94
47) Bromodichloromethane	7.806	83	131135	44.420	ug/l	97
48) Methyl methacrylate	7.678	41	83930	48.050	ug/l	96
49) 1,4-Dioxane	7.641	88	20301	879.716	ug/l	91
51) 4-Methyl-2-Pentanone	8.555	43	516932	259.006	ug/l	97
52) Toluene	8.702	92	226635	48.329	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	123757	43.501	ug/l	98
54) cis-1,3-Dichloropropene	8.348	75	131492	42.840	ug/l	99
55) 1,1,2-Trichloroethane	9.135	97	67181	38.524	ug/l	99
56) Ethyl methacrylate	9.098	69	114708	44.971	ug/l	94
57) 1,3-Dichloropropane	9.293	76	94925	31.867	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	350352	255.410	ug/l	99
59) 2-Hexanone	9.415	43	211292	151.826	ug/l	95
60) Dibromochloromethane	9.507	129	69937	29.838	ug/l	98
61) 1,2-Dibromoethane	9.592	107	57700	31.036	ug/l	97
64) Tetrachloroethene	9.257	164	62003	51.141	ug/l	98
65) Chlorobenzene	10.061	112	164147	44.931	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	61612	45.916	ug/l	97
67) Ethyl Benzene	10.177	91	285001	45.820	ug/l	99
68) m/p-Xylenes	10.287	106	217045	93.917	ug/l	100
69) o-Xylene	10.622	106	103036	46.180	ug/l	100
70) Styrene	10.640	104	177742	46.785	ug/l	99
71) Bromoform	10.781	173	45139	42.089	ug/l #	97
73) Isopropylbenzene	10.945	105	280008	48.063	ug/l	99
74) N-amyl acetate	10.823	43	94223	45.596	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.195	83	70007	44.003	ug/l	98
76) 1,2,3-Trichloropropane	11.220	75	65667m	50.768	ug/l	
77) Bromobenzene	11.183	156	70363	48.168	ug/l	93
78) n-propylbenzene	11.287	91	322187	47.765	ug/l	98
79) 2-Chlorotoluene	11.348	91	192865	47.160	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	231776	48.075	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	17468	32.856	ug/l #	93
82) 4-Chlorotoluene	11.439	91	226624	46.681	ug/l	98
83) tert-Butylbenzene	11.695	119	228741	46.177	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	230093	47.822	ug/l	99
85) sec-Butylbenzene	11.872	105	273283	45.855	ug/l	99
86) p-Isopropyltoluene	11.988	119	240774	46.741	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	122488	44.479	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	125212	43.891	ug/l	99
89) n-Butylbenzene	12.311	91	209483	44.679	ug/l	99
90) Hexachloroethane	12.518	117	37811	37.170	ug/l	88
91) 1,2-Dichlorobenzene	12.317	146	117796	45.560	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.921	75	15163	46.953	ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	81717	46.736	ug/l	100
94) Hexachlorobutadiene	13.707	225	32287	49.279	ug/l	97
95) Naphthalene	13.756	128	220659	47.634	ug/l	99
96) 1,2,3-Trichlorobenzene	13.939	180	75696	47.178	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048308.D
Acq On : 22 Oct 2025 18:36
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

Quant Time: Oct 24 05:58:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

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

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

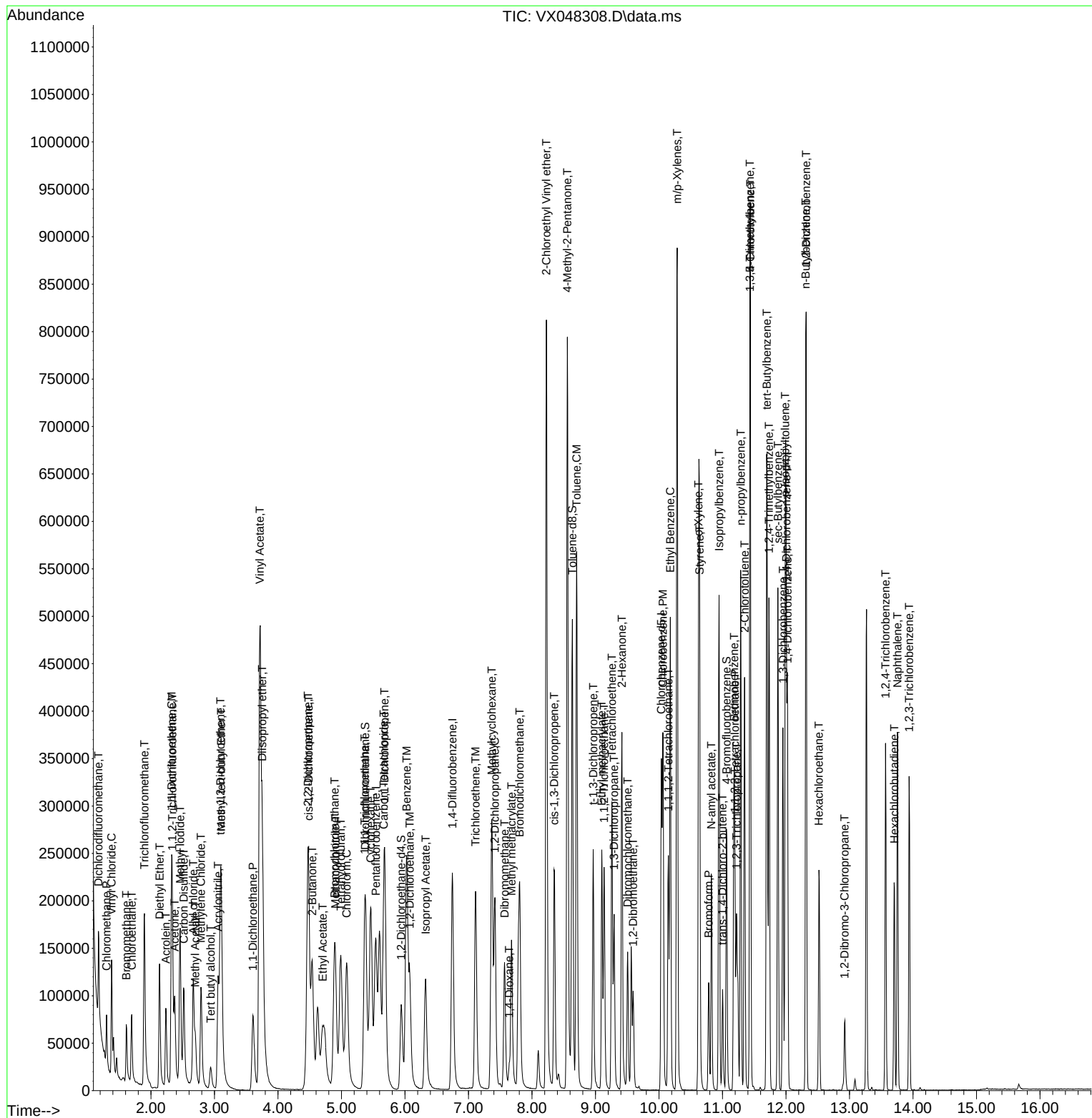
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
 Data File : VX048308.D
 Acq On : 22 Oct 2025 18:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

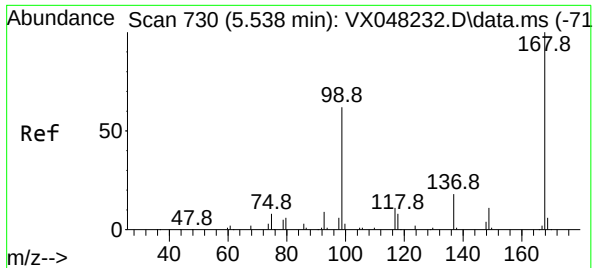
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By : John Carlone 10/24/2025
 Supervised By : Mahesh Dadoda 10/24/2025

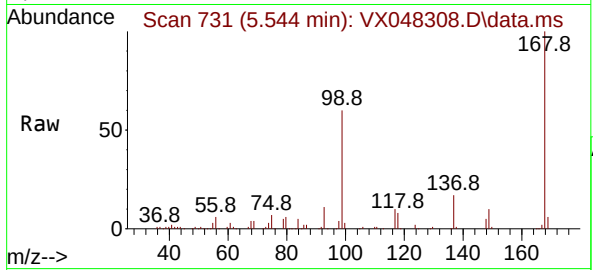
Quant Time: Oct 24 05:58:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

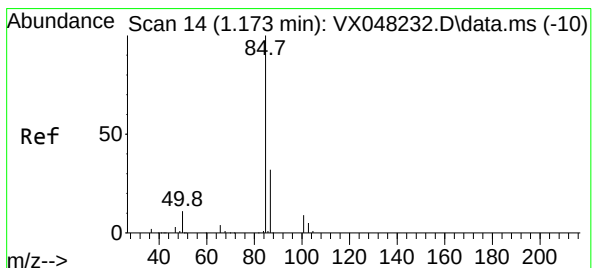
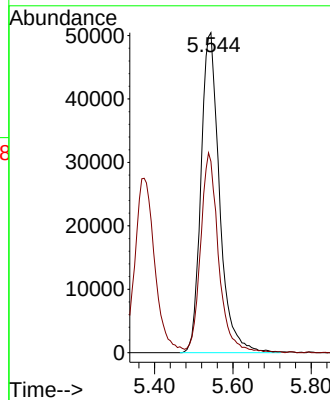
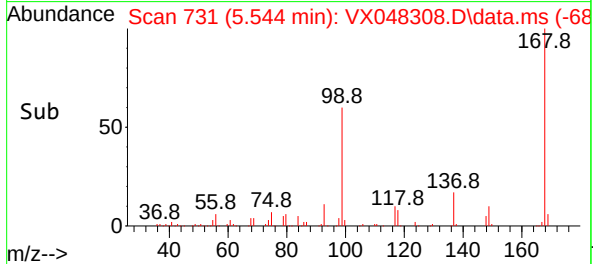
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 165808
Ion Ratio Lower Upper
168 100
99 59.4 46.4 69.6

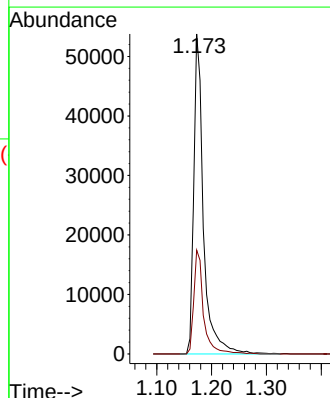
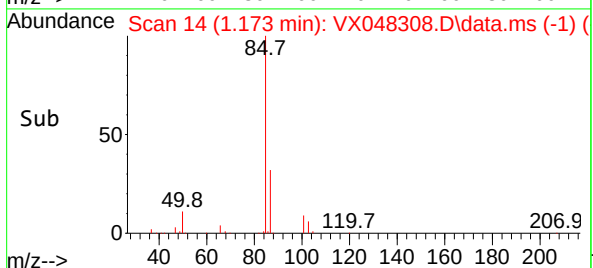
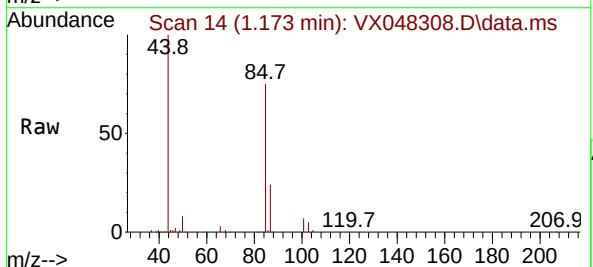
Manual Integrations
APPROVED

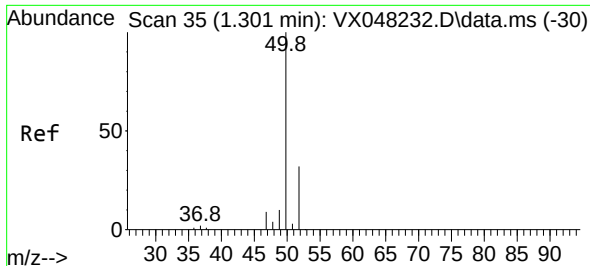
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#2
Dichlorodifluoromethane
Concen: 38.824 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

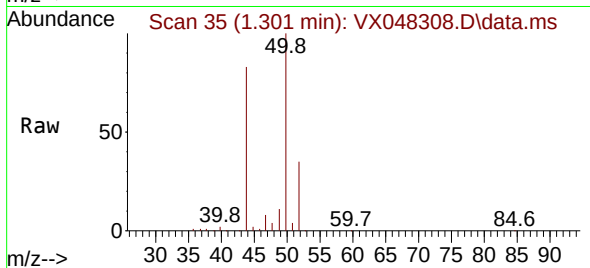
Tgt Ion: 85 Resp: 66177
Ion Ratio Lower Upper
85 100
87 32.4 15.3 45.9





#3
Chloromethane
Concen: 23.638 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

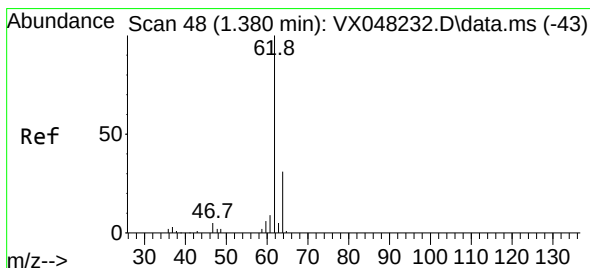
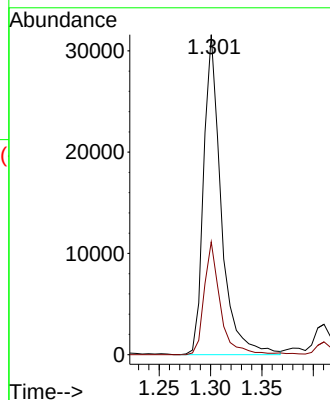
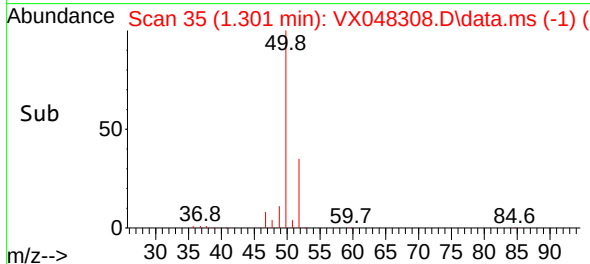
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 37608
Ion Ratio Lower Upper
50 100
52 35.3 25.9 38.9

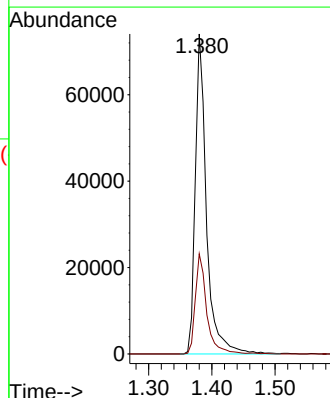
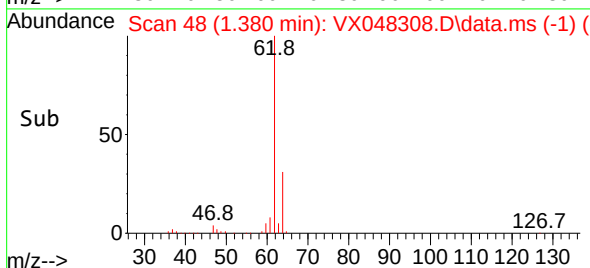
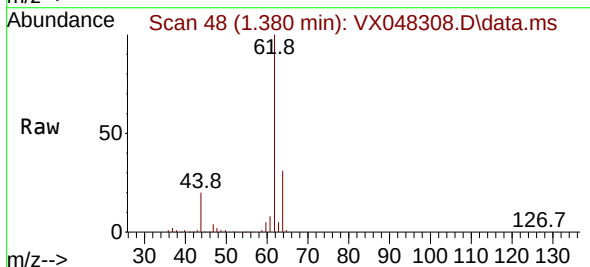
Manual Integrations
APPROVED

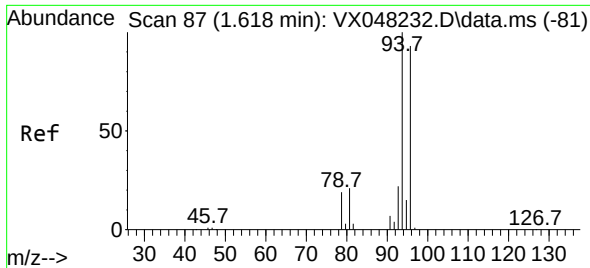
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#4
Vinyl Chloride
Concen: 62.022 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

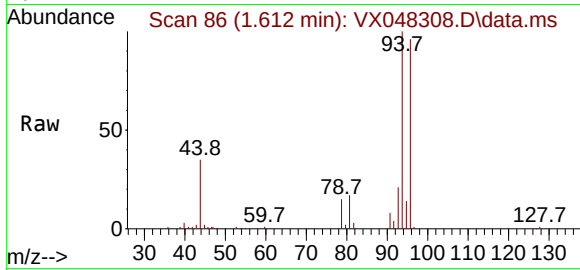
Tgt Ion: 62 Resp: 91377
Ion Ratio Lower Upper
62 100
64 31.3 25.1 37.7





#5
Bromomethane
Concen: 32.356 ug/l
RT: 1.612 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

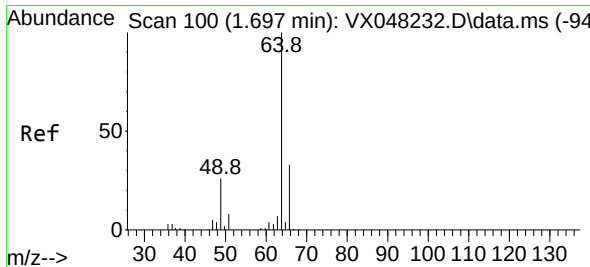
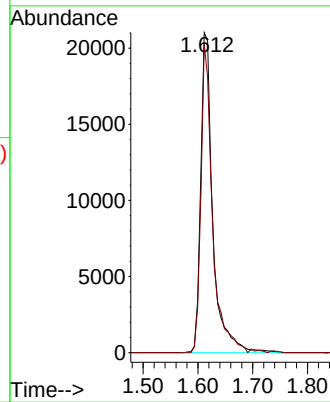
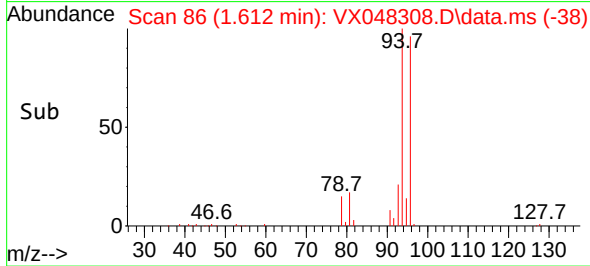
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 94 Resp: 3235
Ion Ratio Lower Upper
94 100
96 97.6 76.0 114.0

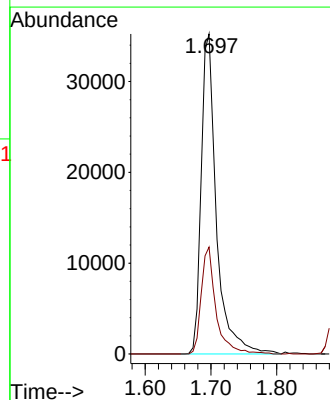
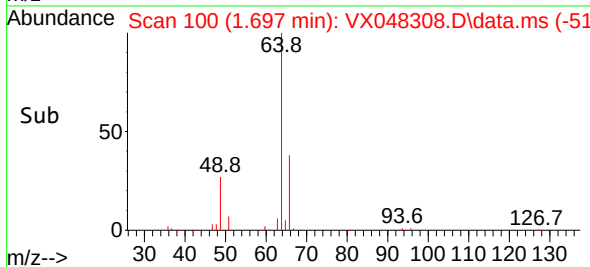
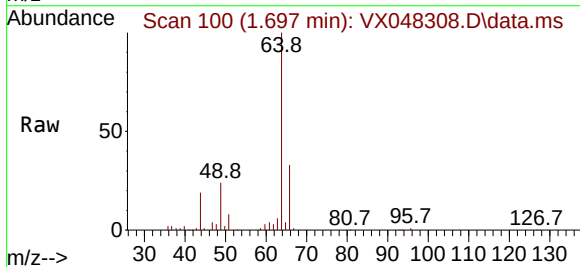
Manual Integrations
APPROVED

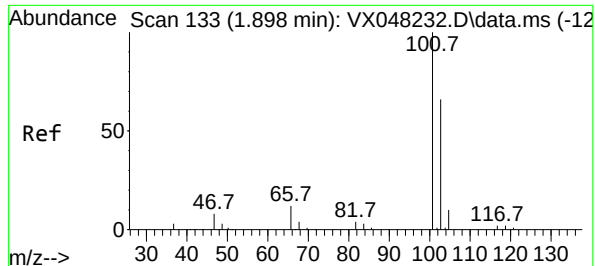
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#6
Chloroethane
Concen: 65.362 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

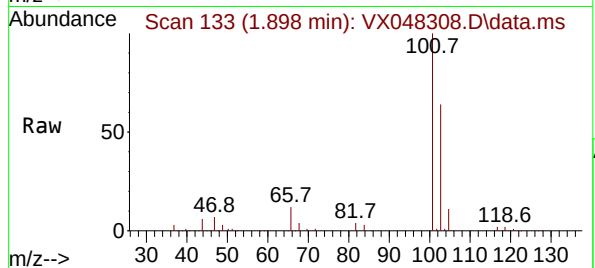
Tgt Ion: 64 Resp: 56587
Ion Ratio Lower Upper
64 100
66 33.4 23.9 35.9





#7
Trichlorofluoromethane
Concen: 51.880 ug/l
RT: 1.898 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

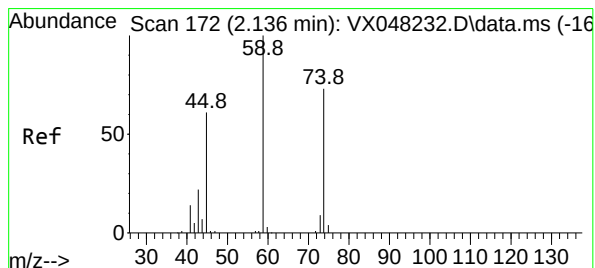
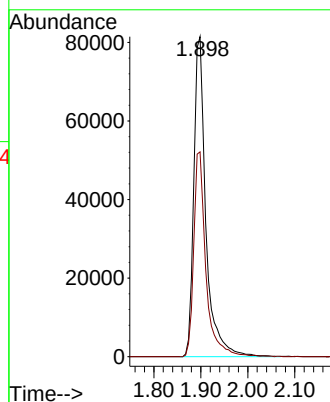
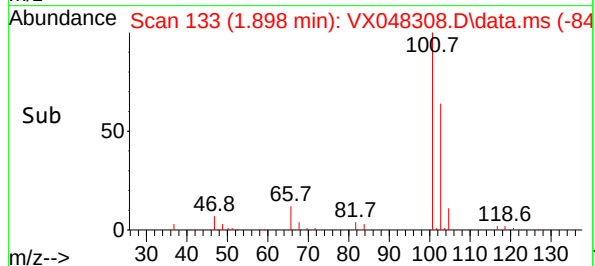
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 14659
Ion Ratio Lower Upper
101 100
103 64.0 51.6 77.4

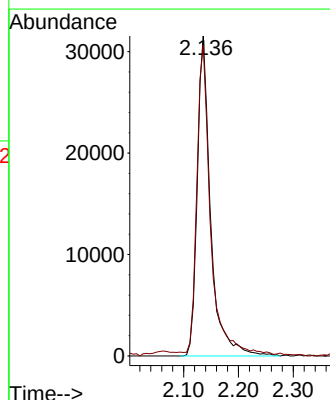
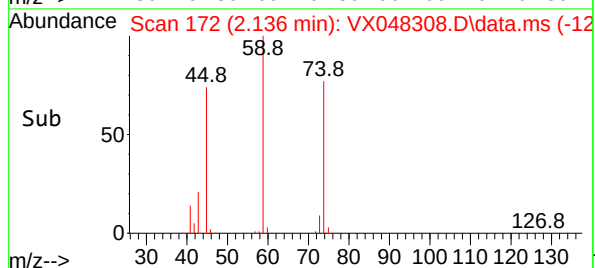
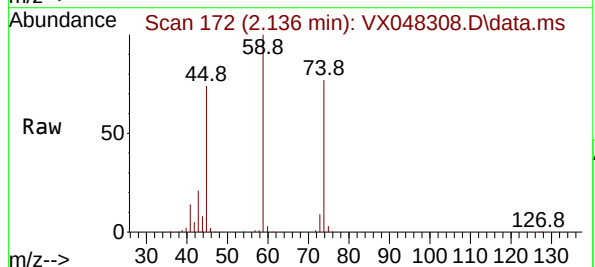
Manual Integrations
APPROVED

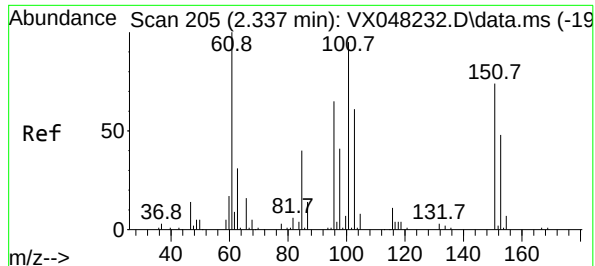
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#8
Diethyl Ether
Concen: 67.517 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 74 Resp: 53679
Ion Ratio Lower Upper
74 100
45 98.7 50.0 149.8





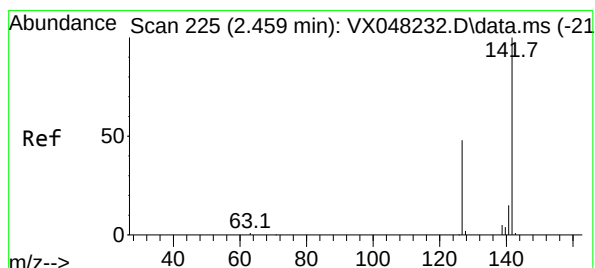
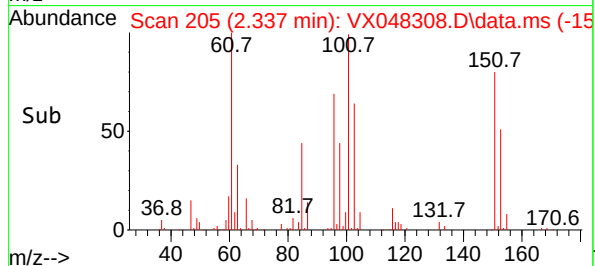
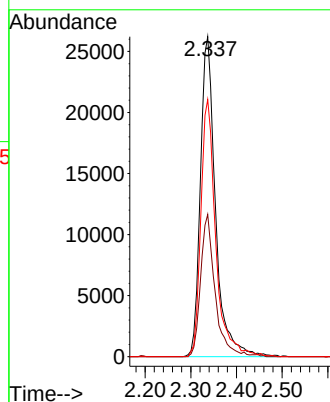
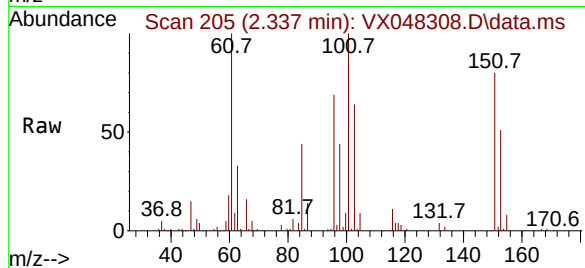
#9
1,1,2-Trichlorotrifluoroethane
Concen: 33.597 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 60114
Ion Ratio Lower Upper
101 100
85 42.8 35.6 53.4
151 79.4 58.0 87.0

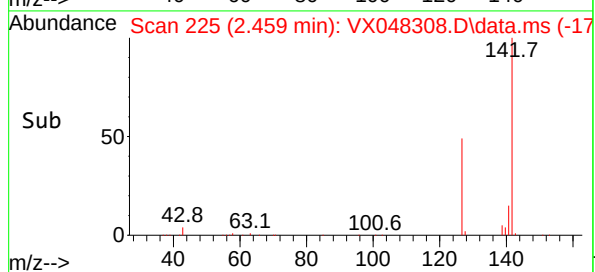
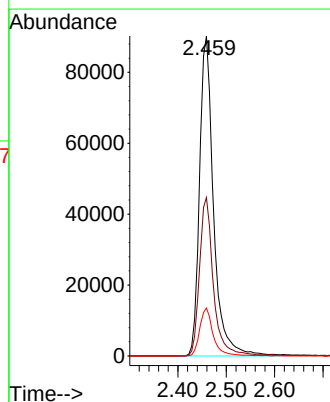
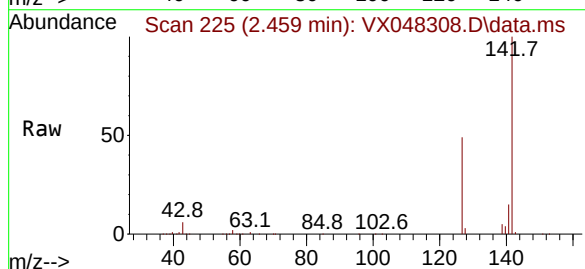
Manual Integrations
APPROVED

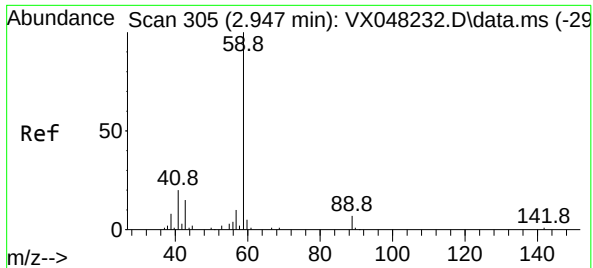
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#10
Methyl Iodide
Concen: 80.726 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:142 Resp: 181583
Ion Ratio Lower Upper
142 100
127 49.3 38.5 57.7
141 14.5 11.6 17.4





#11

Tert butyl alcohol

Concen: 140.093 ug/l

RT: 2.941 min Scan# 305

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 32330

Ion Ratio Lower Upper

59 100

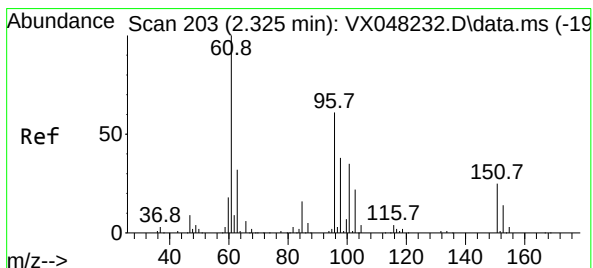
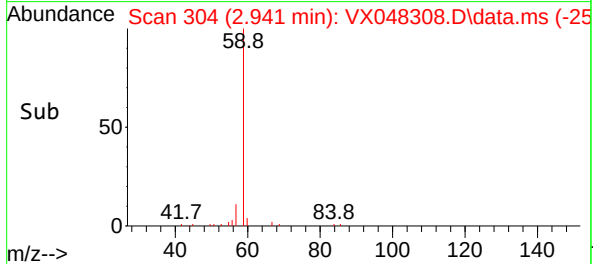
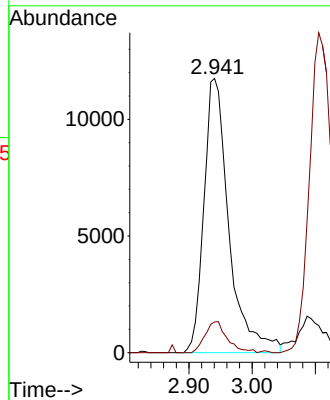
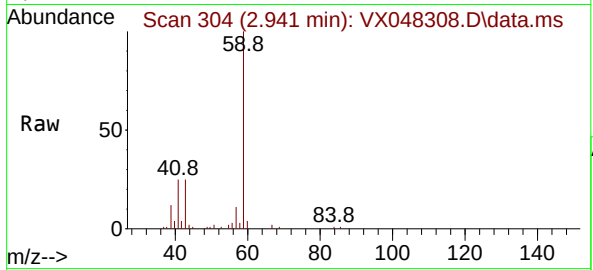
57 10.0 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#12

1,1-Dichloroethene

Concen: 36.180 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

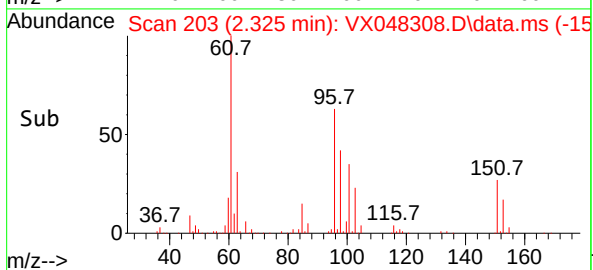
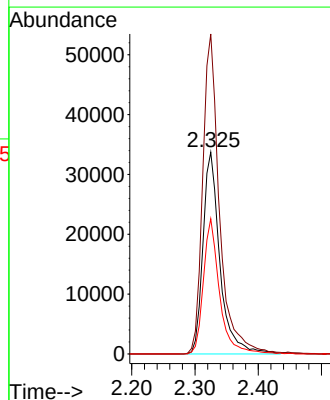
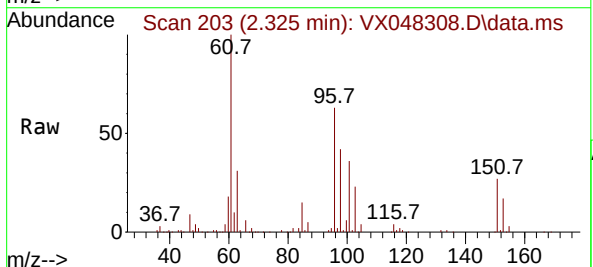
Tgt Ion: 96 Resp: 62980

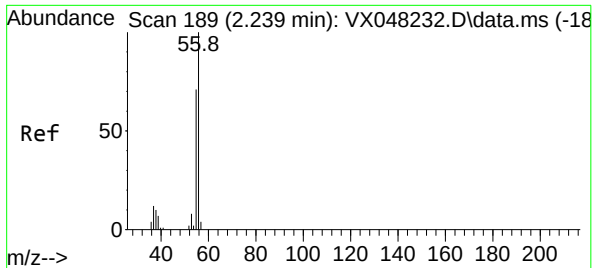
Ion Ratio Lower Upper

96 100

61 158.6 139.0 208.6

98 67.0 52.4 78.6





#13

Acrolein

Concen: 315.647 ug/l

RT: 2.233 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 74300

Ion Ratio Lower Upper

56 100

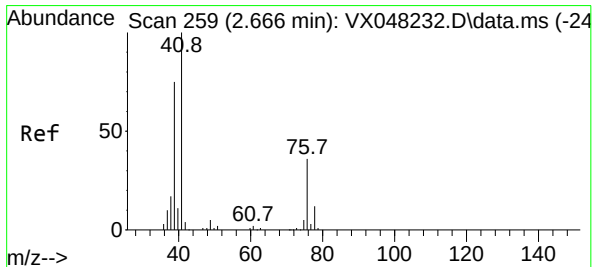
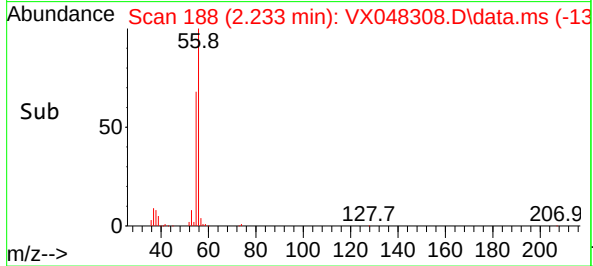
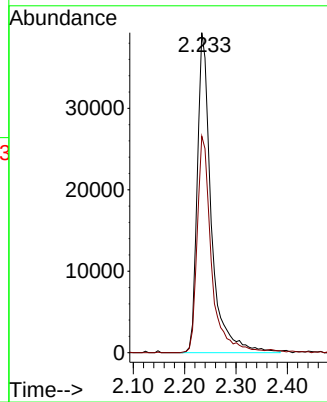
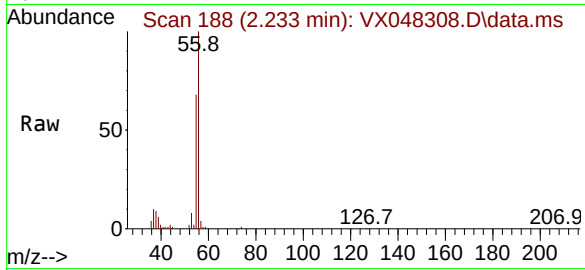
55 68.9 56.1 84.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#14

Allyl chloride

Concen: 27.644 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

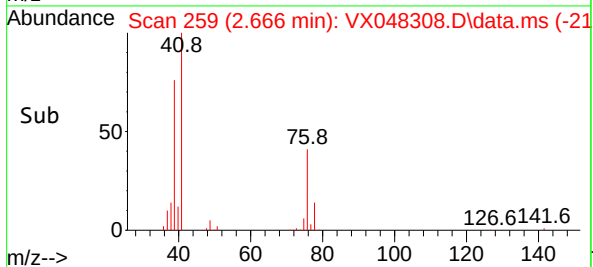
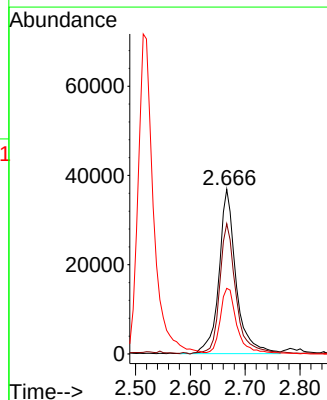
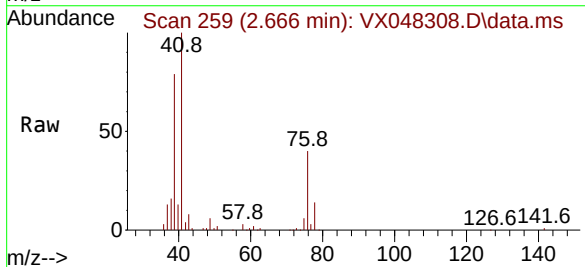
Tgt Ion: 41 Resp: 79895

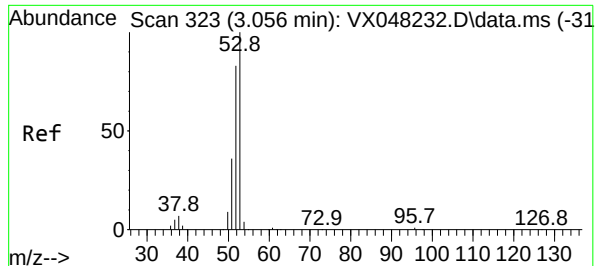
Ion Ratio Lower Upper

41 100

39 76.8 56.0 84.0

76 39.9 27.5 41.3





#15

Acrylonitrile

Concen: 138.075 ug/l

RT: 3.056 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 53 Resp: 11492

Ion Ratio Lower Upper

53 100

52 82.3 66.1 99.1

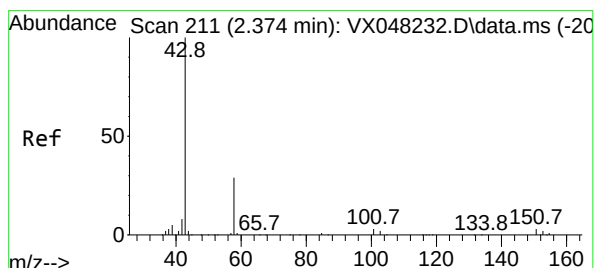
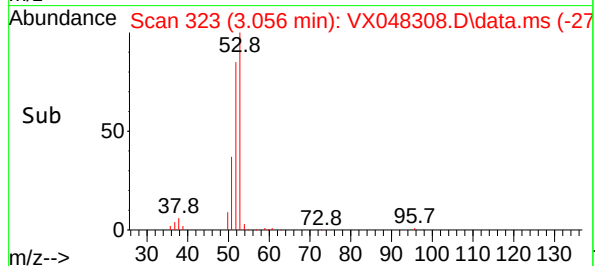
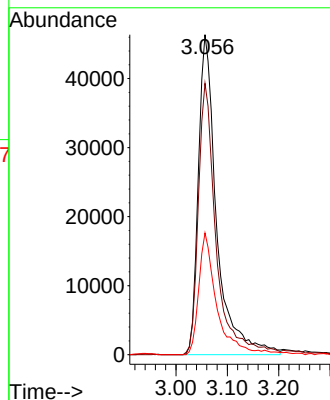
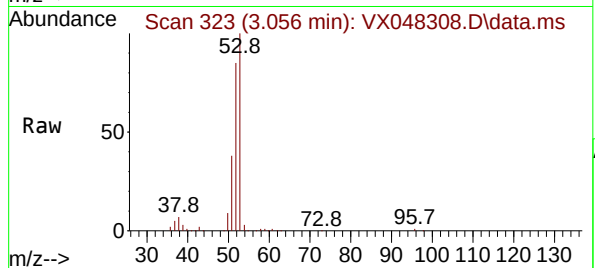
51 36.4 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#16

Acetone

Concen: 120.131 ug/l

RT: 2.374 min Scan# 211

Delta R.T. 0.000 min

Lab File: VX048308.D

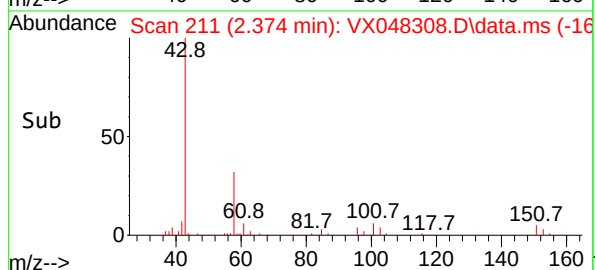
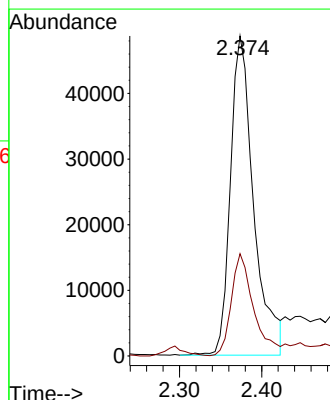
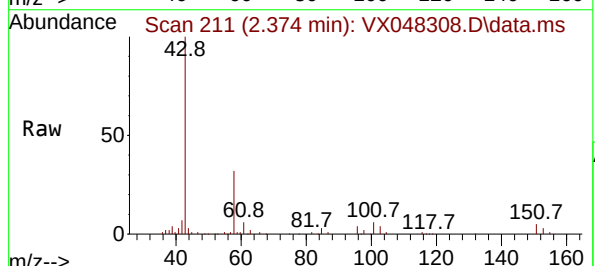
Acq: 22 Oct 2025 18:36

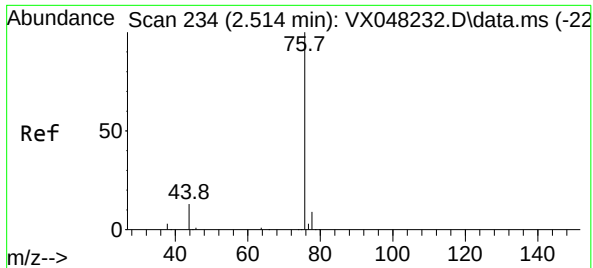
Tgt Ion: 43 Resp: 95807

Ion Ratio Lower Upper

43 100

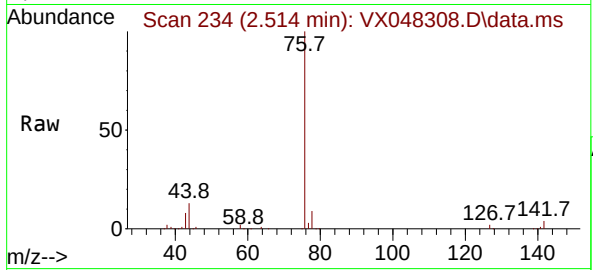
58 30.3 23.4 35.2





#17
Carbon Disulfide
Concen: 25.495 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

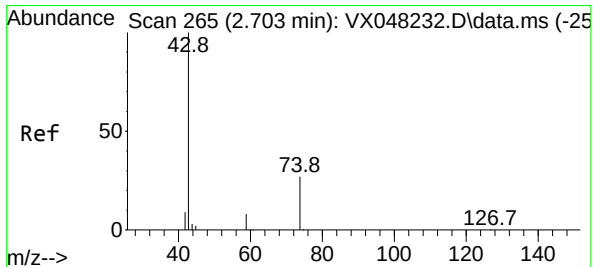
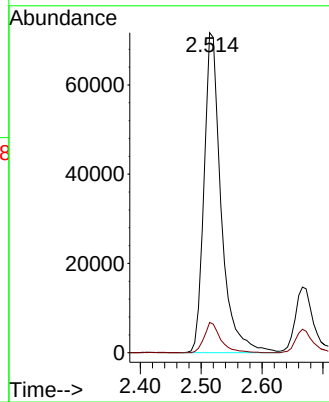
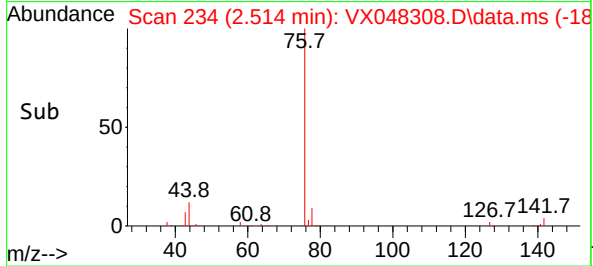
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 139872
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7

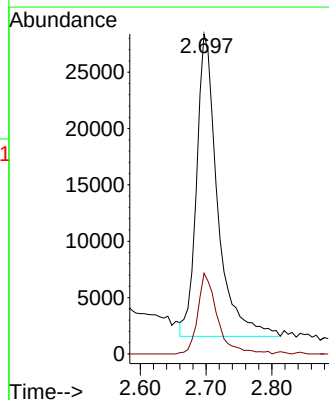
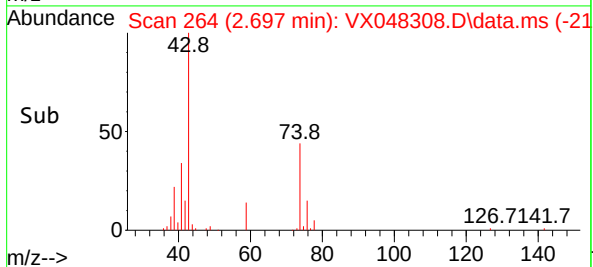
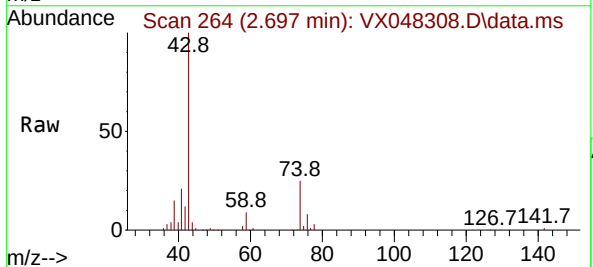
Manual Integrations
APPROVED

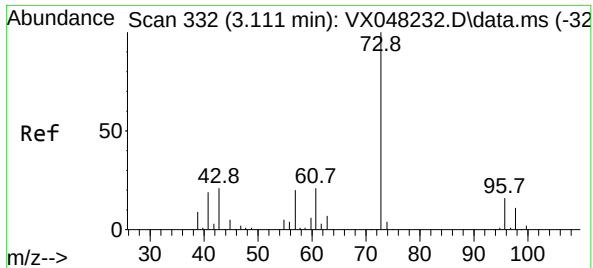
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#18
Methyl Acetate
Concen: 35.728 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 43 Resp: 59506
Ion Ratio Lower Upper
43 100
74 24.9 17.5 26.3





#19

Methyl tert-butyl Ether

Concen: 31.207 ug/l

RT: 3.105 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 185328

Ion Ratio Lower Upper

73 100

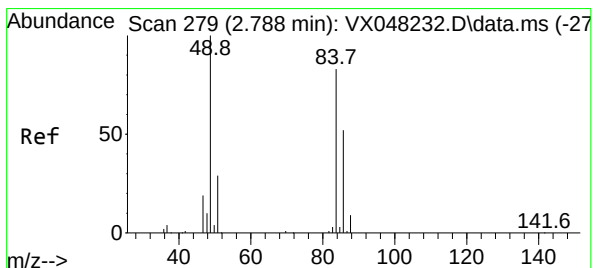
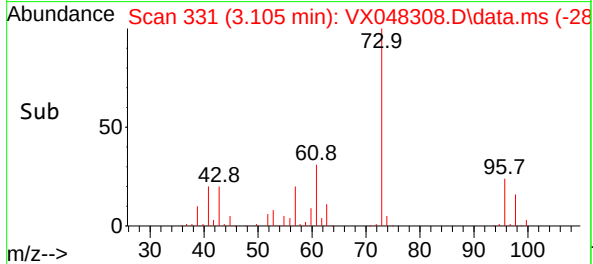
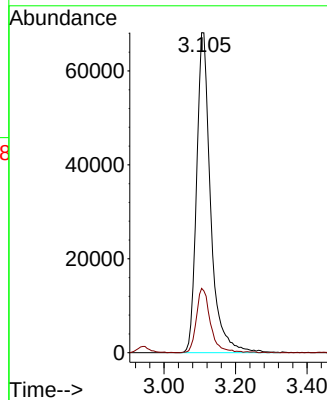
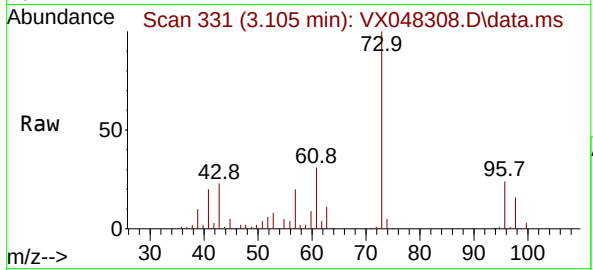
57 20.1 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#20

Methylene Chloride

Concen: 29.518 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Tgt Ion: 84 Resp: 57361

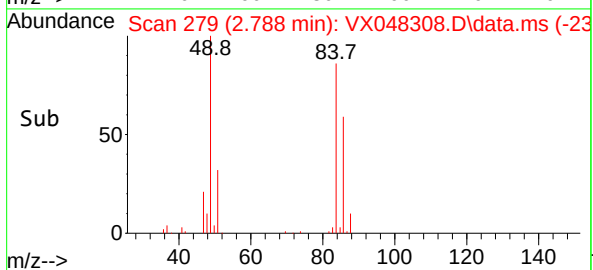
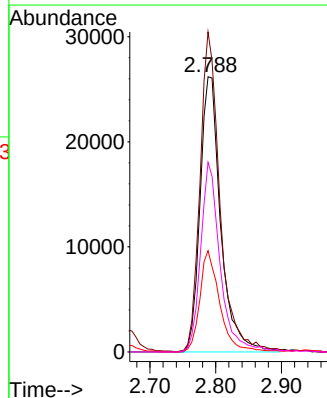
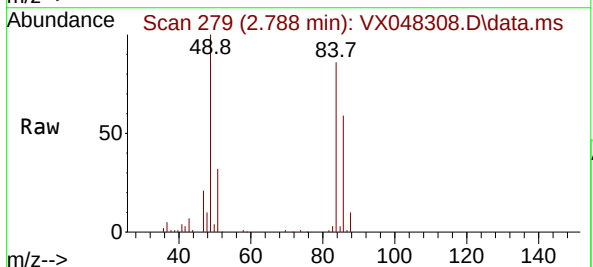
Ion Ratio Lower Upper

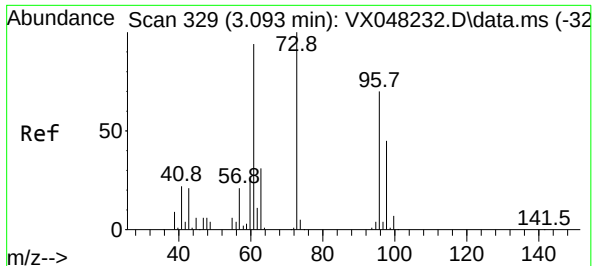
84 100

49 115.9 104.1 156.1

51 36.8 31.3 46.9

86 68.9 51.3 76.9





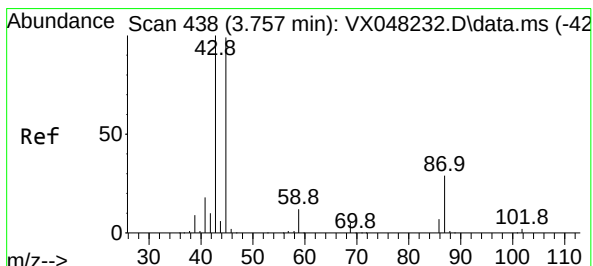
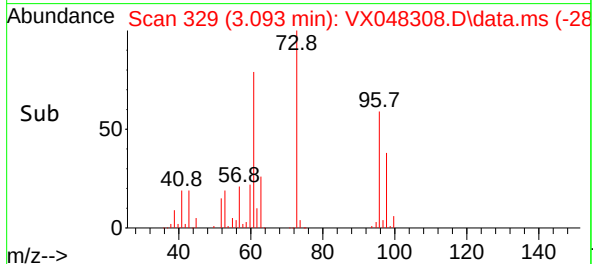
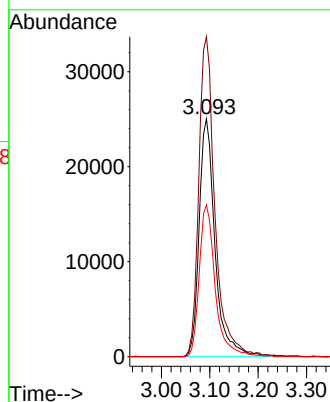
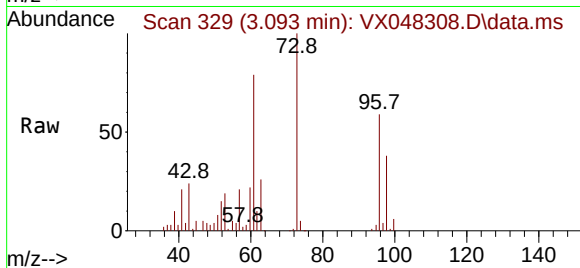
#21
trans-1,2-Dichloroethene
Concen: 29.957 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 5728
Ion Ratio Lower Upper
96 100
61 134.5 111.9 167.9
98 63.8 51.2 76.8

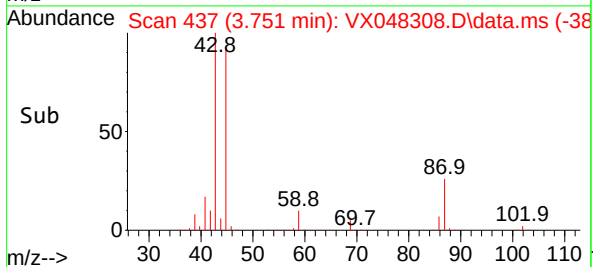
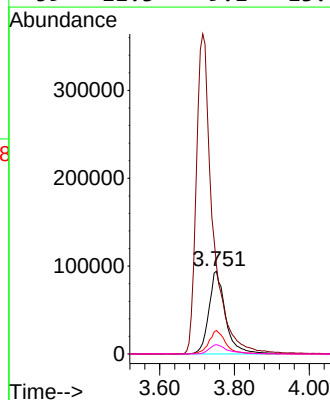
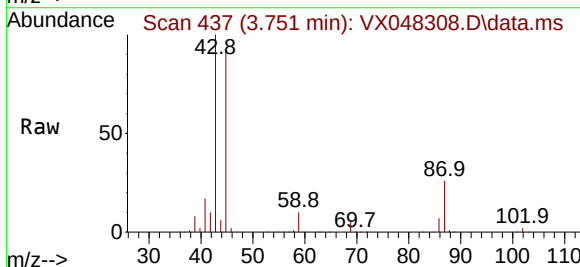
Manual Integrations
APPROVED

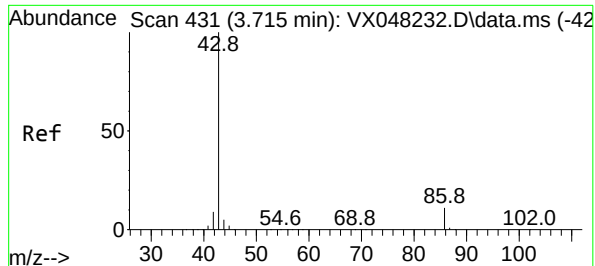
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#22
Diisopropyl ether
Concen: 50.635 ug/l
RT: 3.751 min Scan# 437
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 45 Resp: 291884
Ion Ratio Lower Upper
45 100
43 108.0 89.8 134.8
87 28.4 20.6 31.0
59 11.3 9.1 13.7





#23

Vinyl Acetate

Concen: 241.211 ug/l

RT: 3.715 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 111069

Ion Ratio Lower Upper

43 100

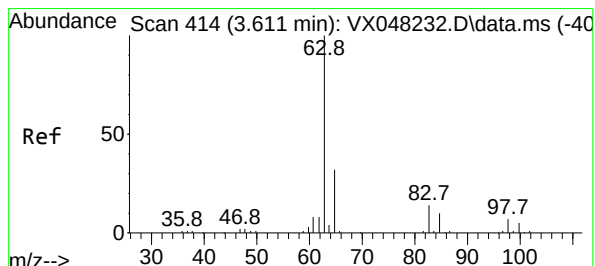
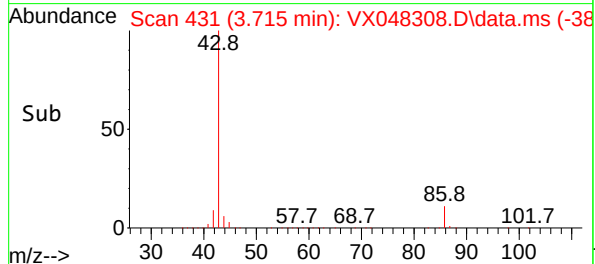
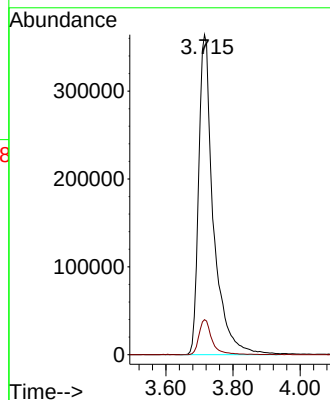
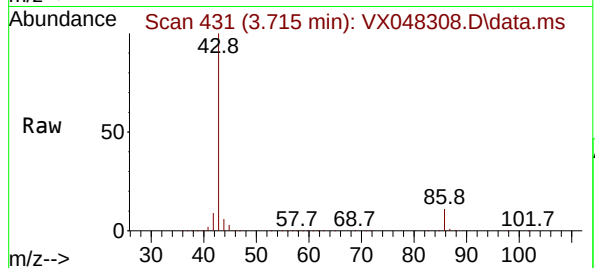
86 11.0 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#24

1,1-Dichloroethane

Concen: 31.824 ug/l

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

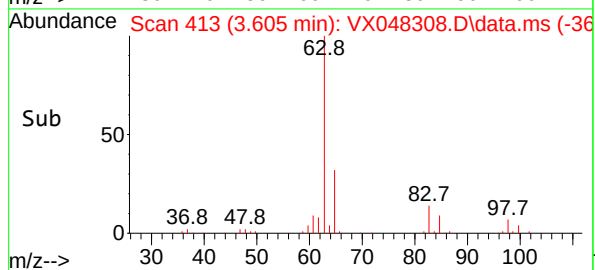
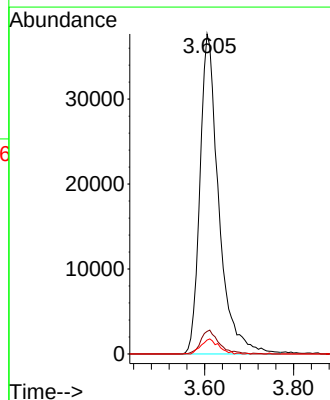
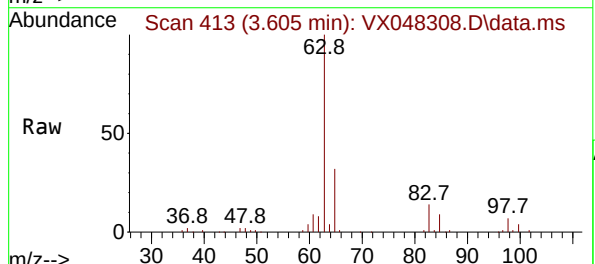
Tgt Ion: 63 Resp: 110925

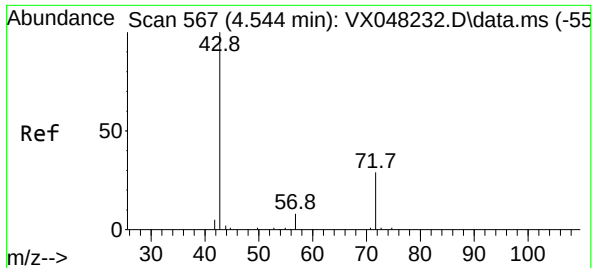
Ion Ratio Lower Upper

63 100

98 7.8 3.5 10.6

100 4.4 2.1 6.3





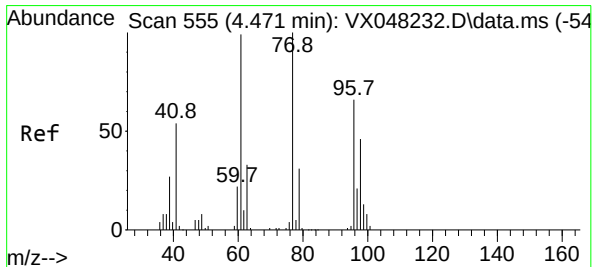
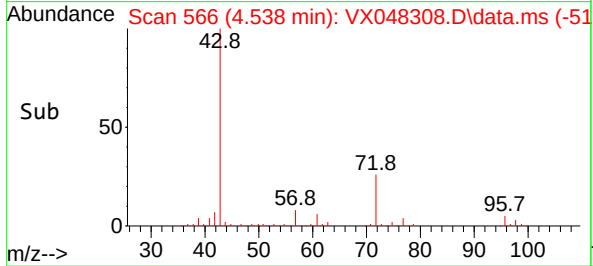
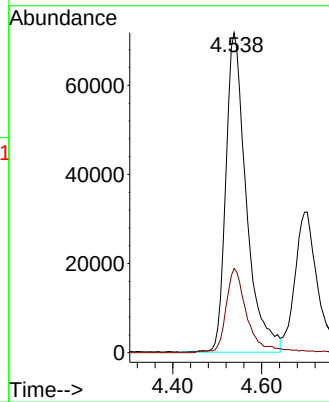
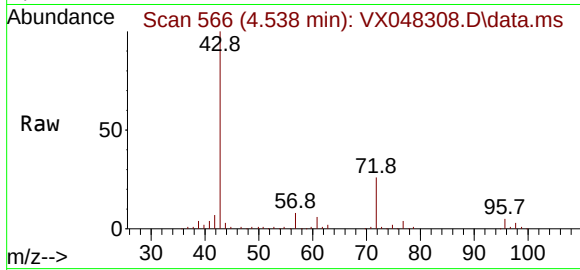
#25
2-Butanone
Concen: 226.319 ug/l
RT: 4.538 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 22845
Ion Ratio Lower Upper
43 100
72 26.4 19.9 29.9

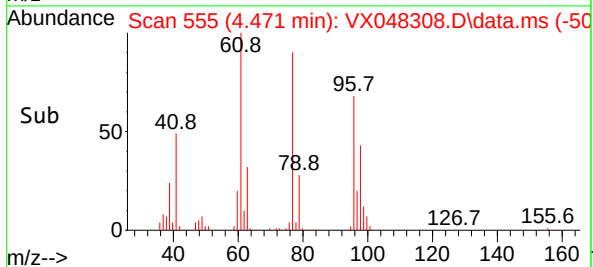
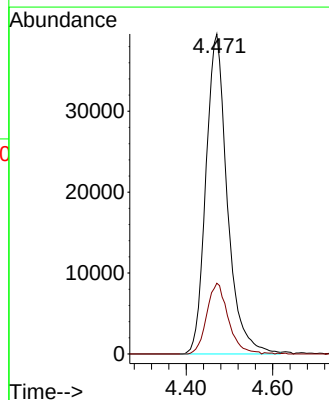
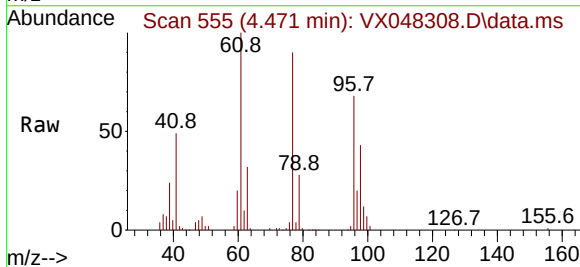
Manual Integrations
APPROVED

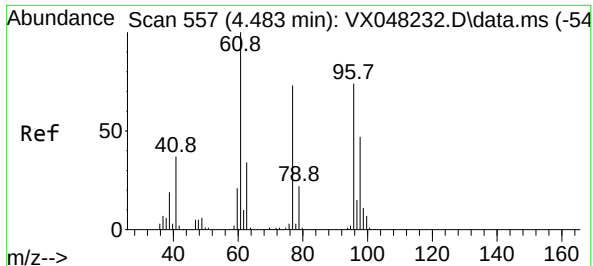
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#26
2,2-Dichloropropane
Concen: 43.131 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 77 Resp: 135695
Ion Ratio Lower Upper
77 100
97 22.2 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 49.014 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 109379

Ion Ratio Lower Upper

96 100

61 139.8 0.0 294.2

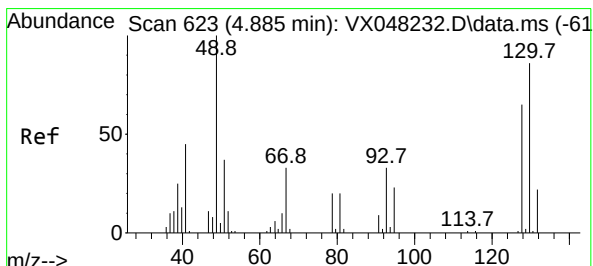
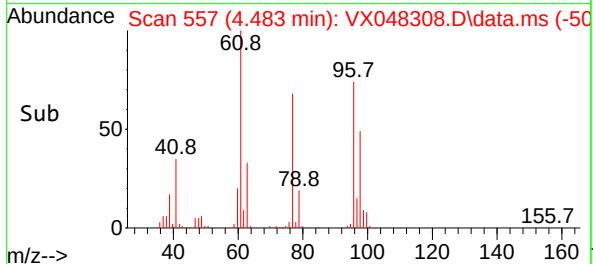
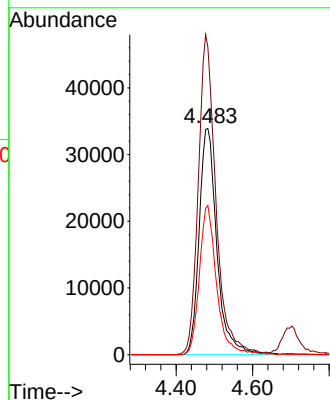
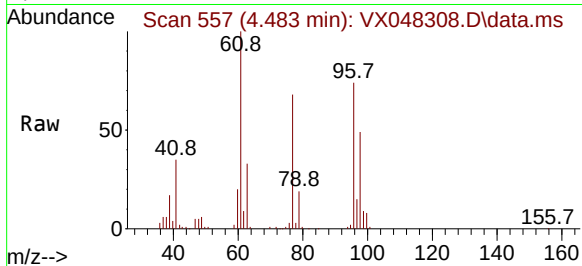
98 63.6 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#28

Bromochloromethane

Concen: 51.950 ug/l

RT: 4.891 min Scan# 624

Delta R.T. 0.006 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

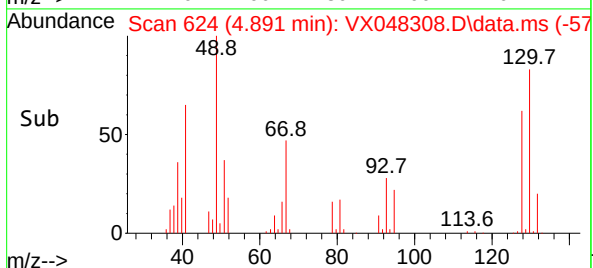
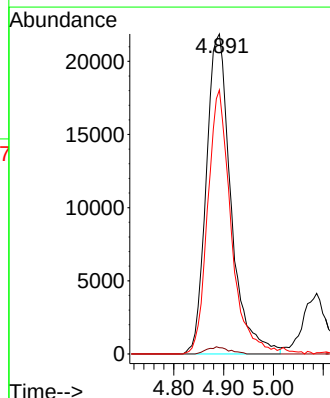
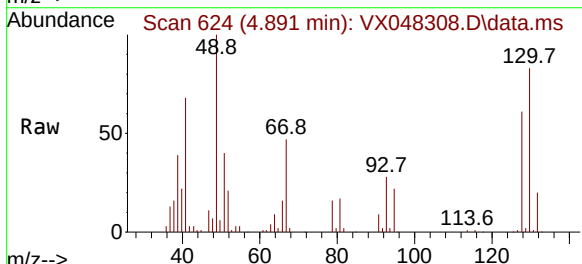
Tgt Ion: 49 Resp: 75080

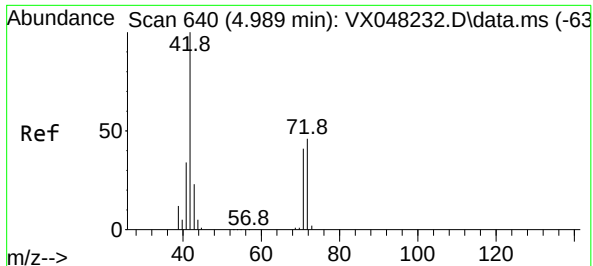
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.4

130 77.9 59.3 88.9





#29

Tetrahydrofuran

Concen: 250.563 ug/l

RT: 4.989 min Scan# 640

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 15148

Ion Ratio Lower Upper

42 100

72 44.8 35.3 52.9

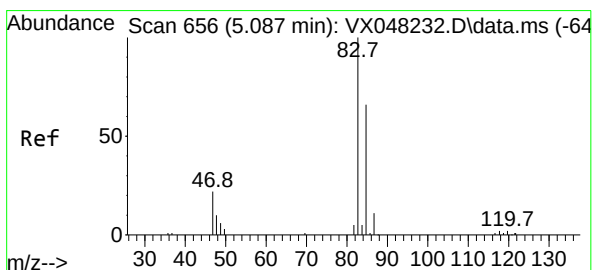
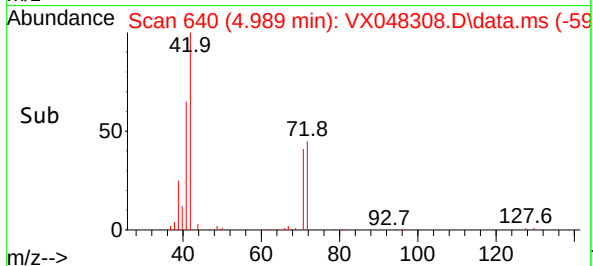
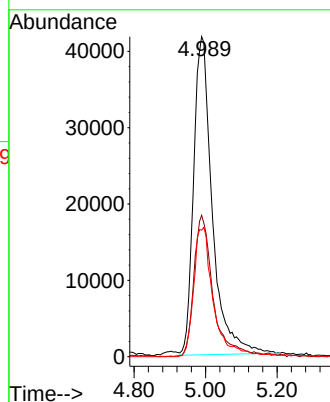
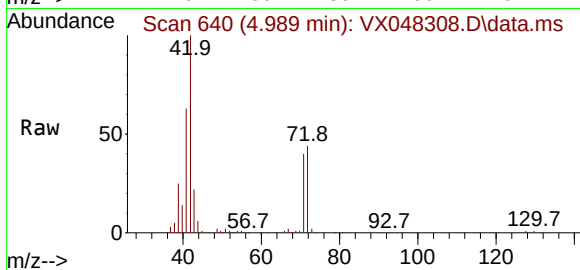
71 42.8 32.2 48.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#30

Chloroform

Concen: 45.928 ug/l

RT: 5.080 min Scan# 655

Delta R.T. 0.000 min

Lab File: VX048308.D

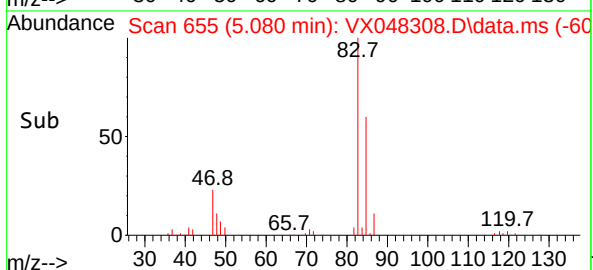
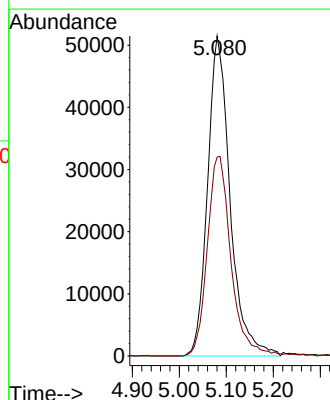
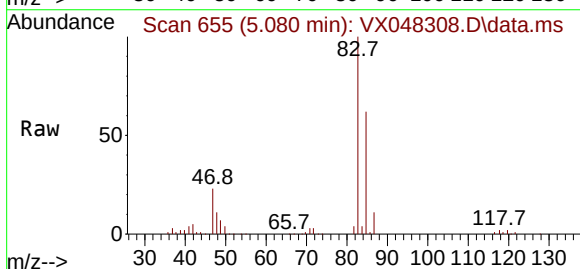
Acq: 22 Oct 2025 18:36

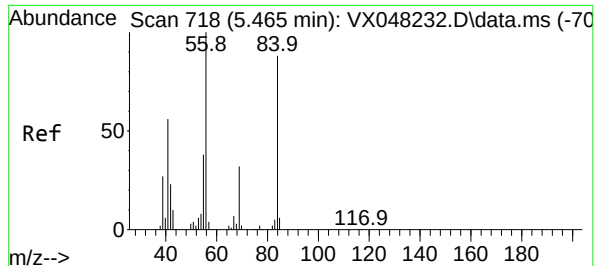
Tgt Ion: 83 Resp: 171030

Ion Ratio Lower Upper

83 100

85 62.2 50.1 75.1





#31

Cyclohexane

Concen: 49.868 ug/l

RT: 5.458 min Scan# 718

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 14390

Ion Ratio Lower Upper

56 100

69 31.2 23.0 34.6

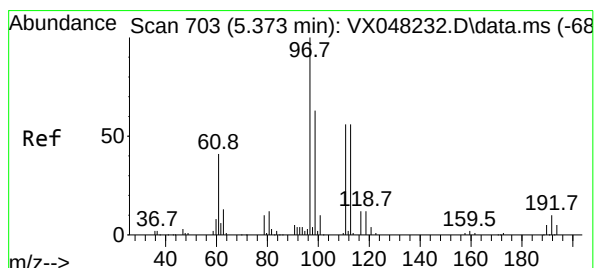
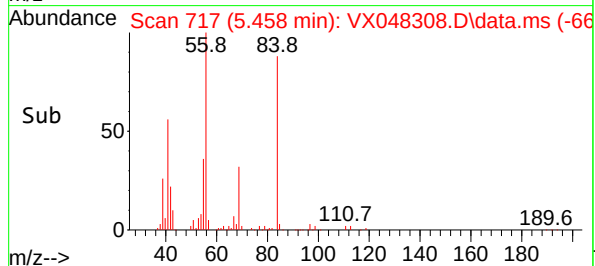
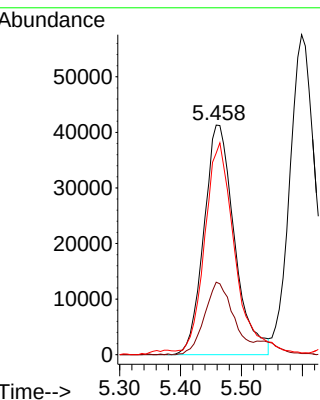
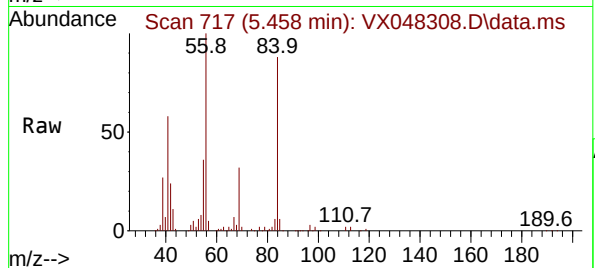
84 85.7 64.6 97.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#32

1,1,1-Trichloroethane

Concen: 44.558 ug/l

RT: 5.367 min Scan# 702

Delta R.T. -0.006 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

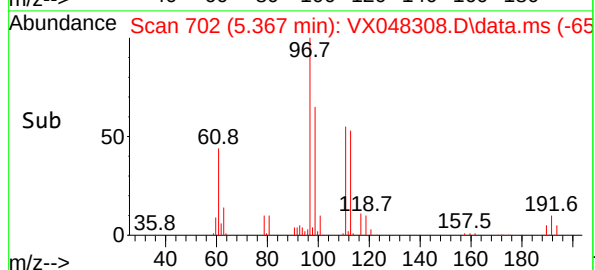
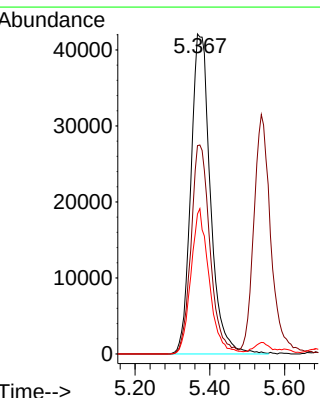
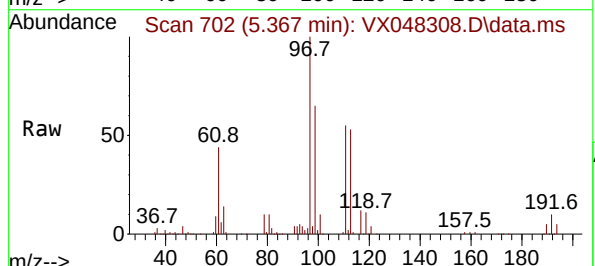
Tgt Ion: 97 Resp: 152924

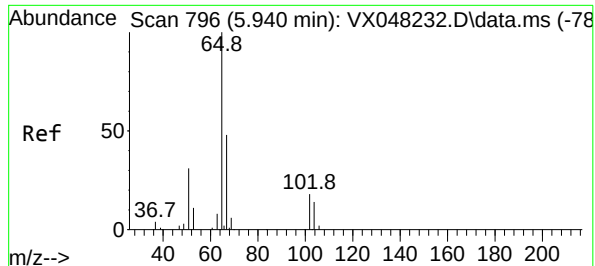
Ion Ratio Lower Upper

97 100

99 63.5 51.7 77.5

61 42.5 34.8 52.2





#33

1,2-Dichloroethane-d4

Concen: 42.315 ug/l

RT: 5.940 min Scan# 796

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 9837

Ion Ratio Lower Upper

65 100

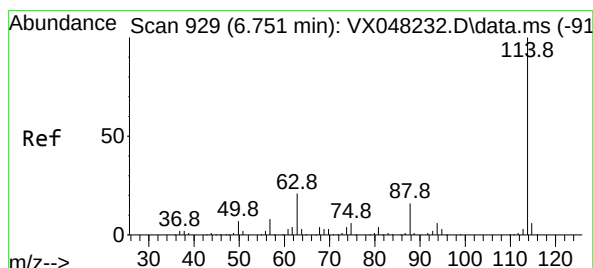
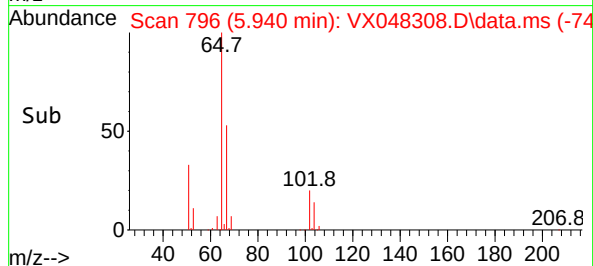
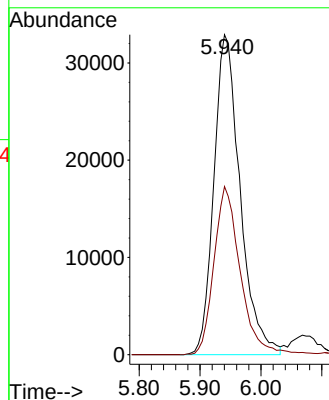
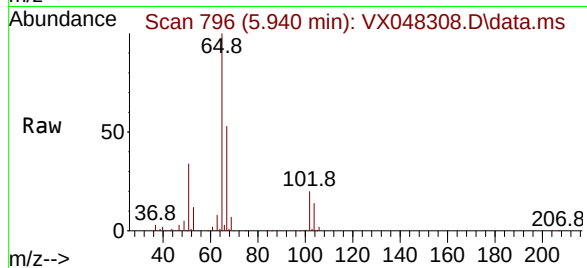
67 52.9 0.0 105.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

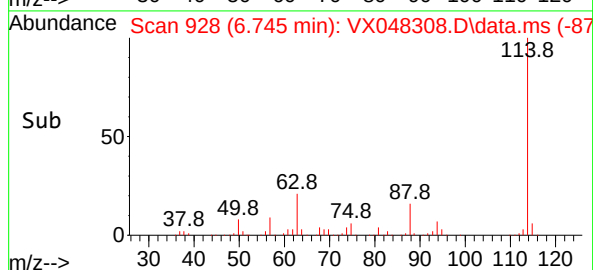
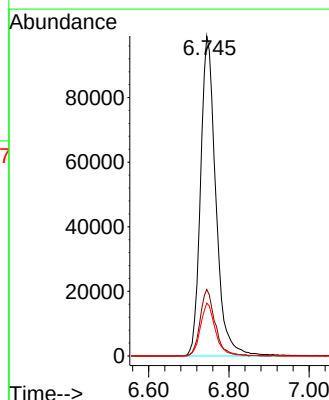
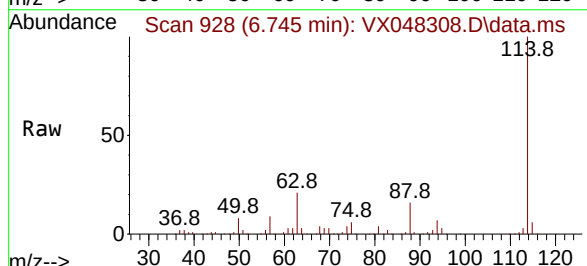
Tgt Ion:114 Resp: 262018

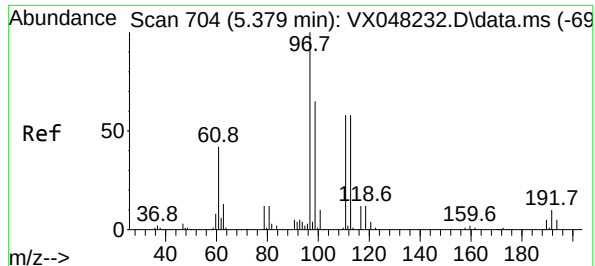
Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.2

88 16.5 0.0 33.6





#35

Dibromofluoromethane

Concen: 43.158 ug/l

RT: 5.373 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 77200

Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.4

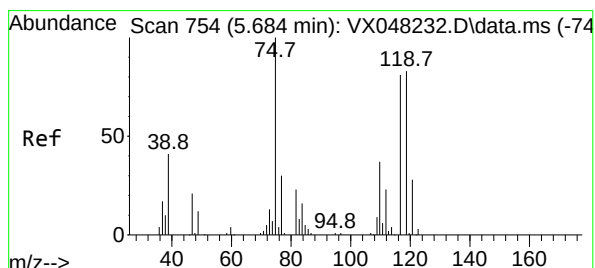
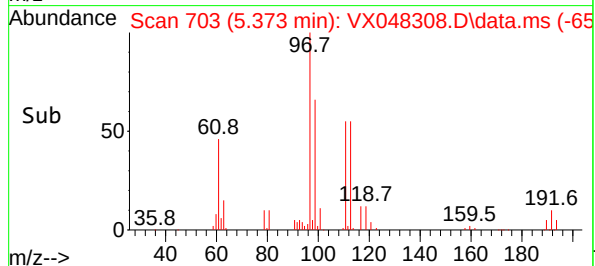
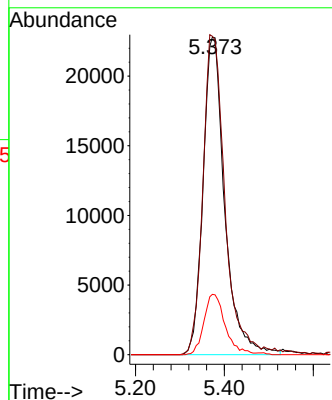
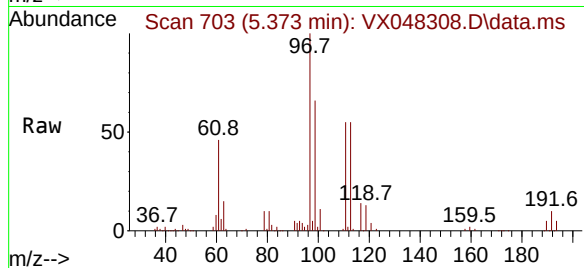
192 18.7 15.1 22.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#36

1,1-Dichloropropene

Concen: 45.375 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.006 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

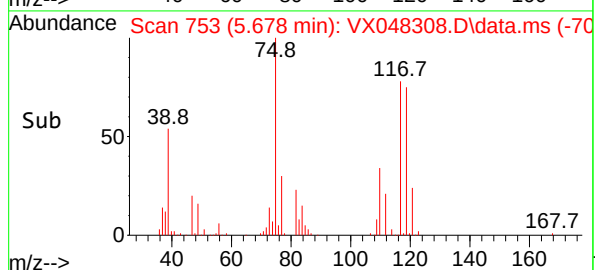
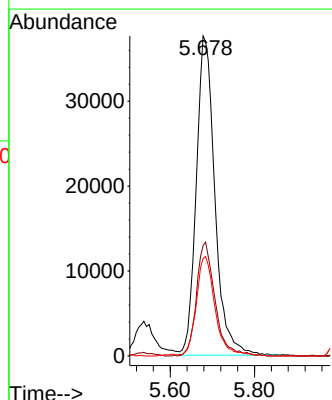
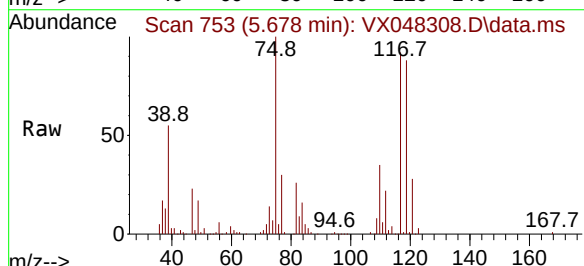
Tgt Ion: 75 Resp: 115364

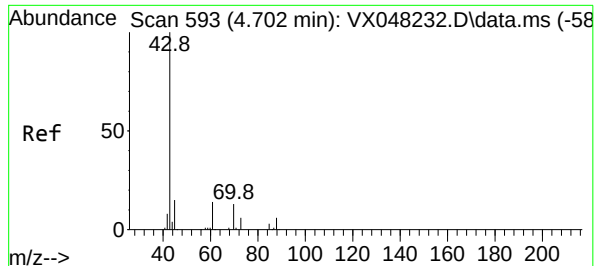
Ion Ratio Lower Upper

75 100

110 35.6 17.7 53.1

77 31.5 24.3 36.5





#37

Ethyl Acetate

Concen: 54.827 ug/l

RT: 4.702 min Scan# 593

Delta R.T. 0.006 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 11554

Ion Ratio Lower Upper

43 100

61 10.7 10.6 15.8

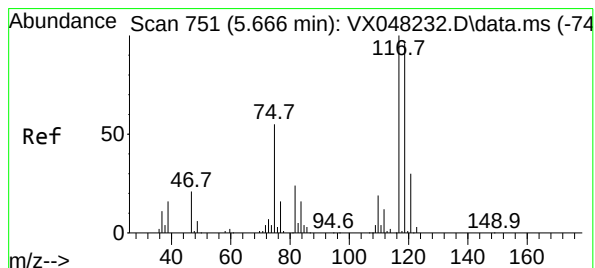
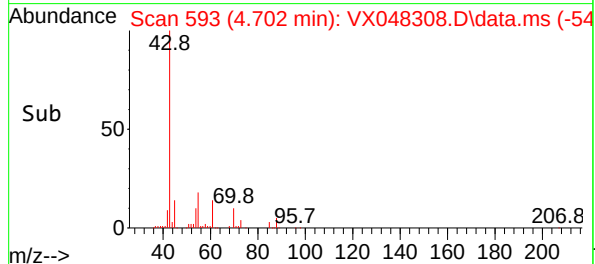
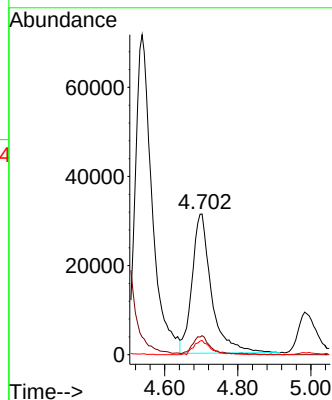
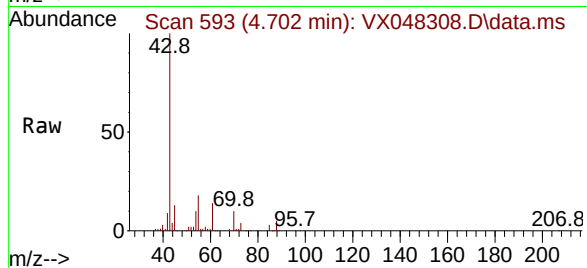
70 8.7 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#38

Carbon Tetrachloride

Concen: 40.741 ug/l

RT: 5.666 min Scan# 751

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

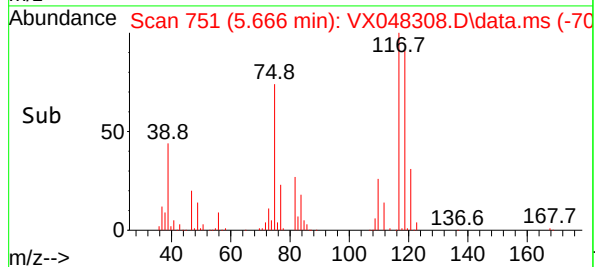
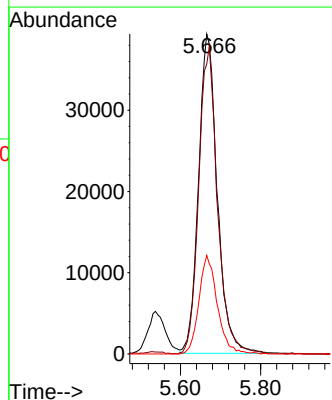
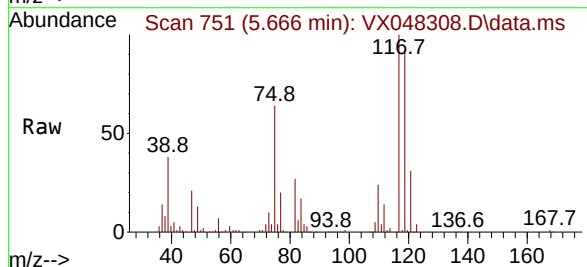
Tgt Ion:117 Resp: 127792

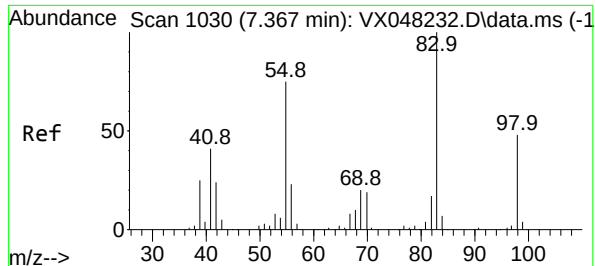
Ion Ratio Lower Upper

117 100

119 90.7 77.2 115.8

121 30.9 24.8 37.2





#39

Methylcyclohexane

Concen: 47.470 ug/l

RT: 7.367 min Scan# 10

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 14253

Ion Ratio Lower Upper

83 100

55 75.0 66.2 99.2

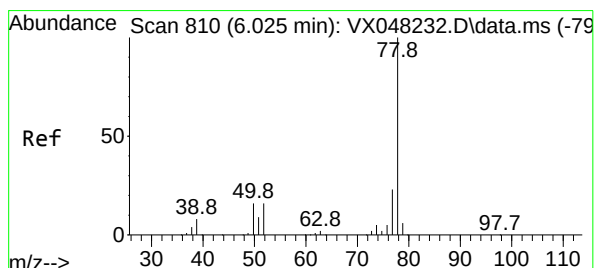
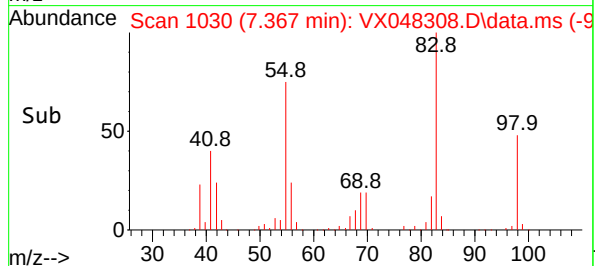
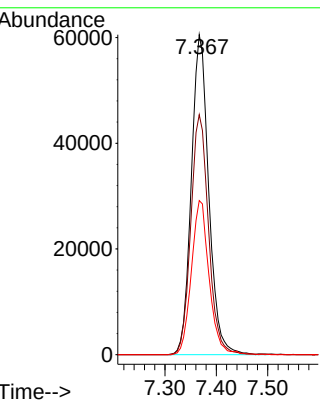
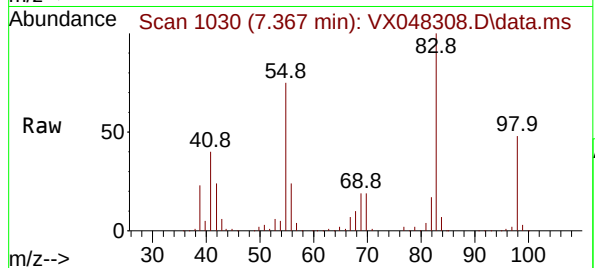
98 48.2 38.9 58.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#40

Benzene

Concen: 46.000 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX048308.D

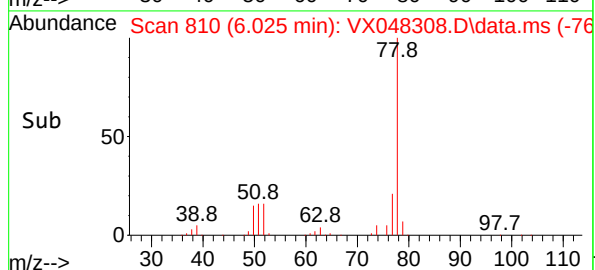
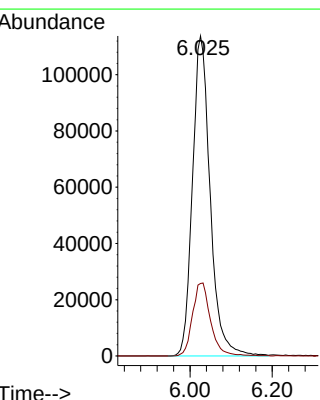
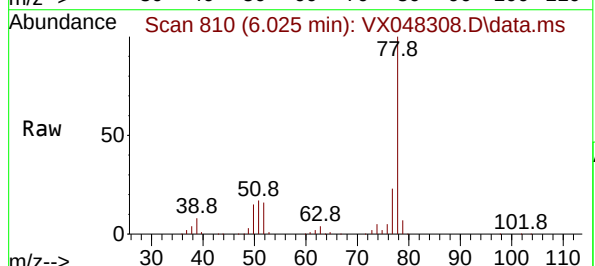
Acq: 22 Oct 2025 18:36

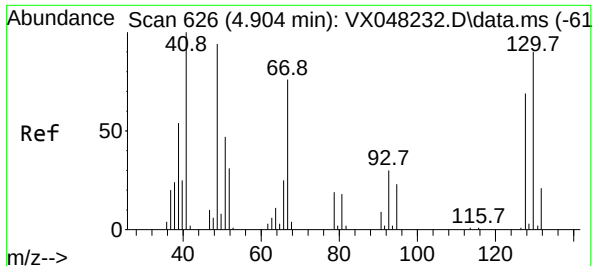
Tgt Ion: 78 Resp: 339549

Ion Ratio Lower Upper

78 100

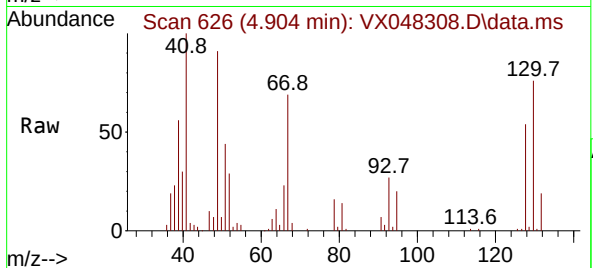
77 22.7 19.3 28.9





#41
Methacrylonitrile
Concen: 51.006 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

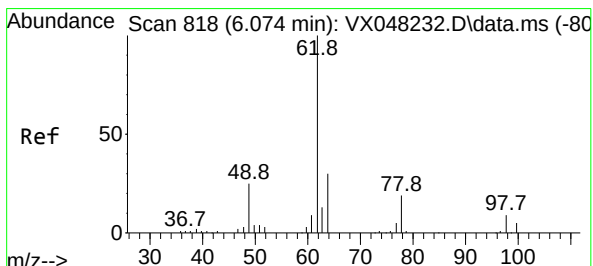
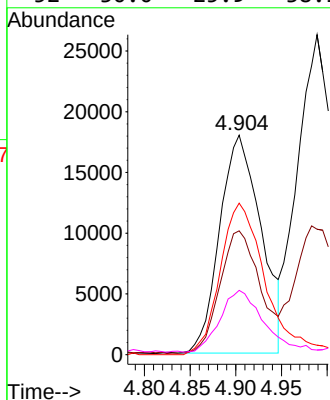
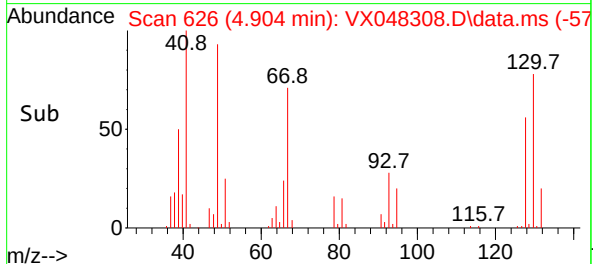
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 5644
Ion Ratio Lower Upper
41 100
39 54.7 44.0 66.0
67 77.8 58.7 88.1
52 30.0 25.9 38.9

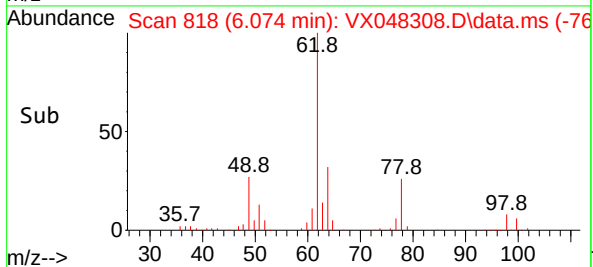
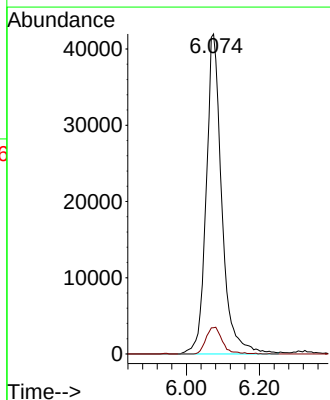
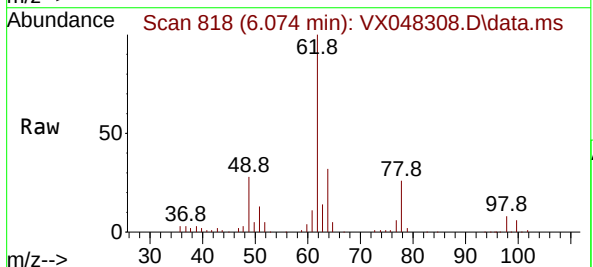
Manual Integrations
APPROVED

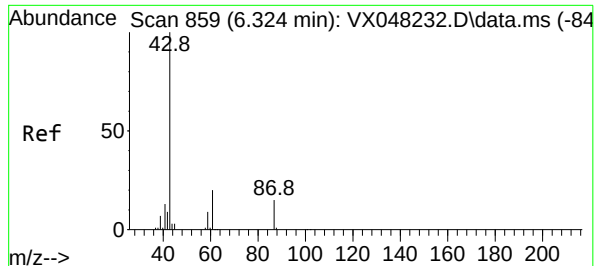
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#42
1,2-Dichloroethane
Concen: 45.697 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 62 Resp: 124472
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.2





#43

Isopropyl Acetate

Concen: 51.932 ug/l

RT: 6.324 min Scan# 859

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 17976

Ion Ratio Lower Upper

43

100

61

87

20.2

12.9

14.9

9.4

22.3

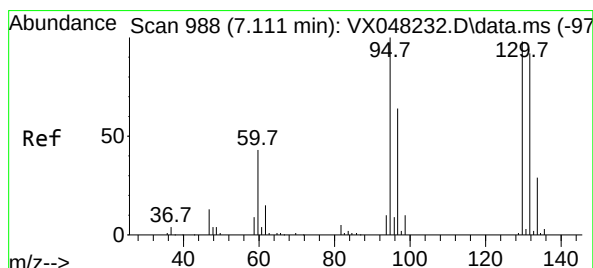
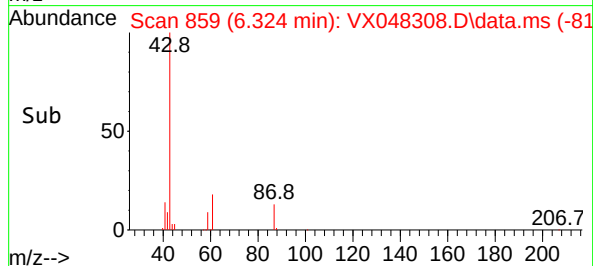
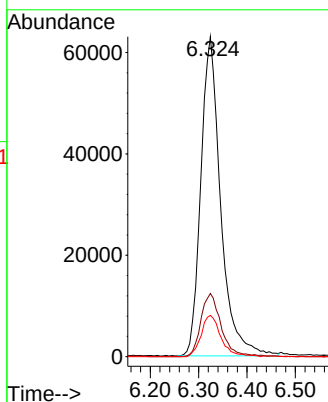
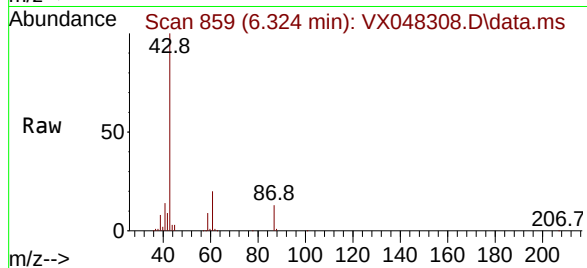
14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#44

Trichloroethene

Concen: 47.655 ug/l

RT: 7.111 min Scan# 988

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Tgt Ion:130 Resp: 92885

Ion Ratio Lower Upper

130

95

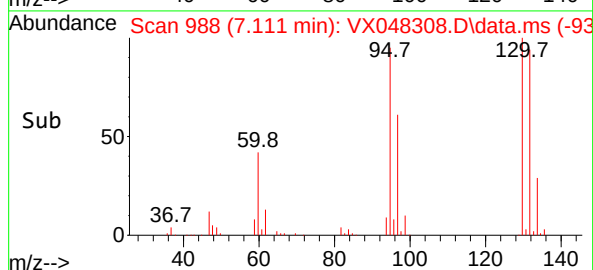
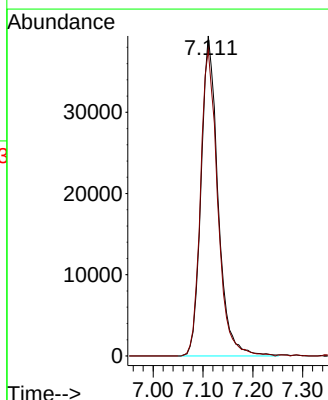
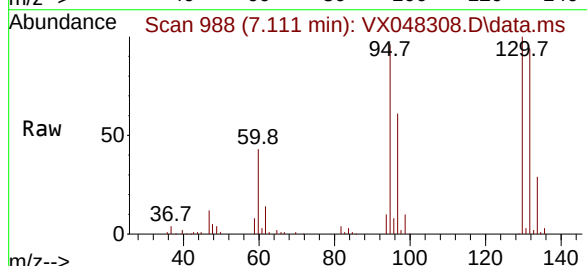
100

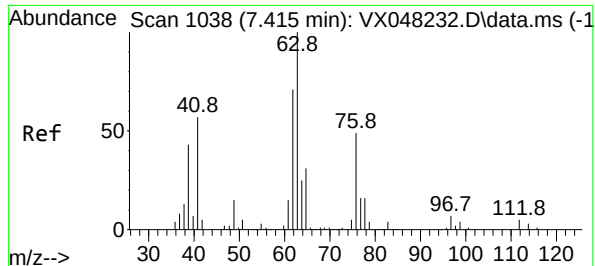
95.6

0.0

200.6

200.6





#45

1,2-Dichloropropane

Concen: 50.369 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 88398

Ion Ratio Lower Upper

63 100

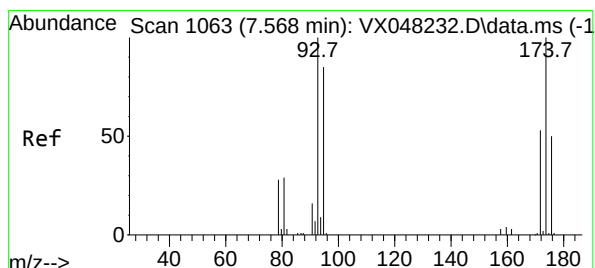
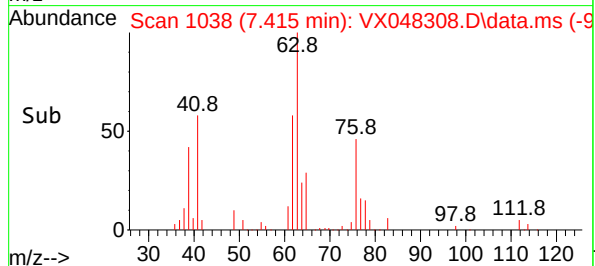
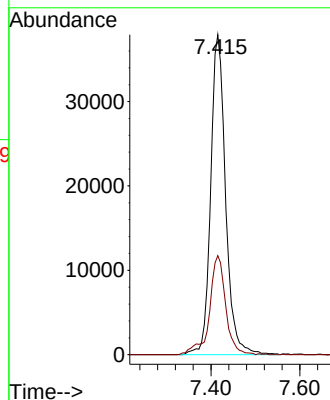
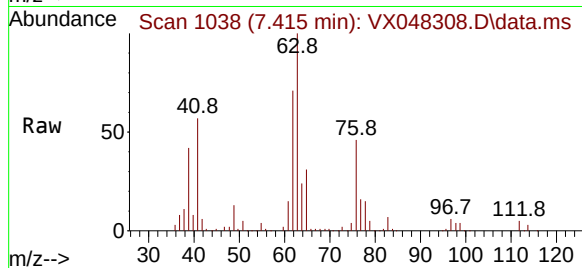
65 30.9 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#46

Dibromomethane

Concen: 45.095 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

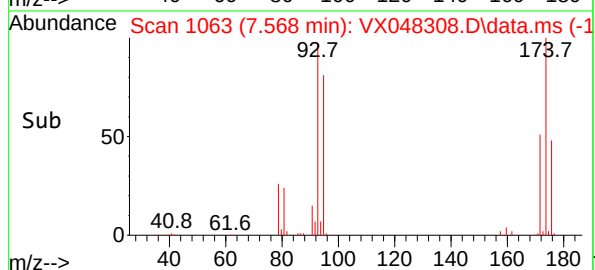
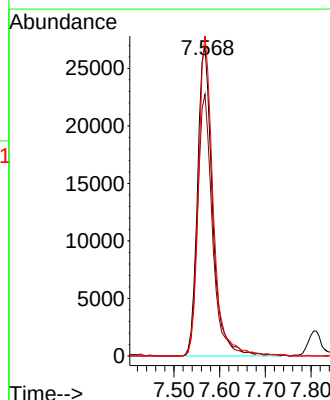
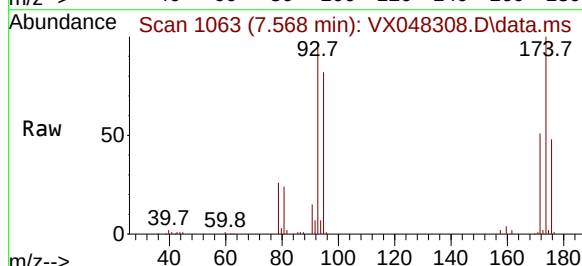
Tgt Ion: 93 Resp: 61658

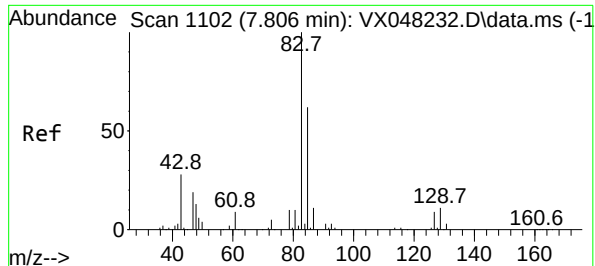
Ion Ratio Lower Upper

93 100

95 83.0 65.9 98.9

174 99.8 71.7 107.5





#47

Bromodichloromethane

Concen: 44.420 ug/l

RT: 7.806 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

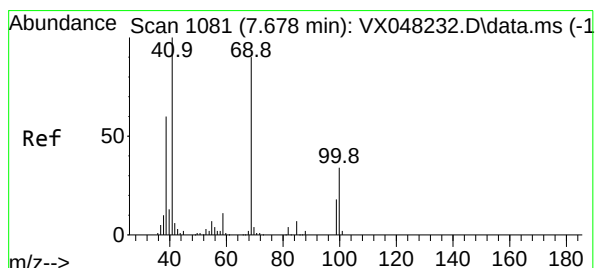
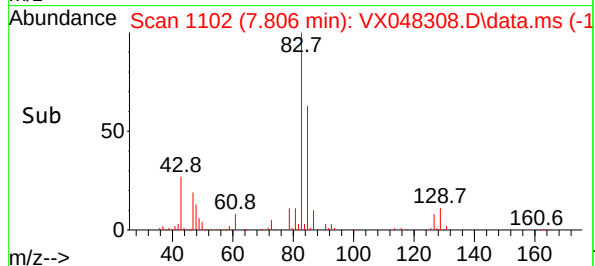
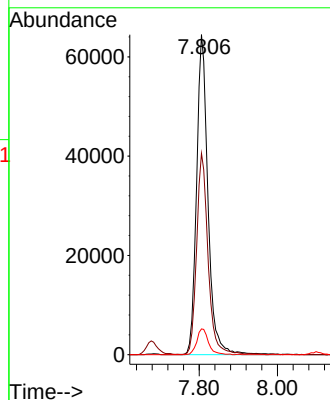
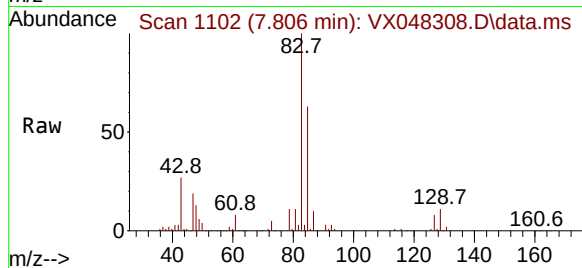
Tgt Ion:	83	Resp:	13113
Ion Ratio	Lower	Upper	
83	100		
85	62.8	52.2	78.4
127	8.1	7.3	10.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#48

Methyl methacrylate

Concen: 48.050 ug/l

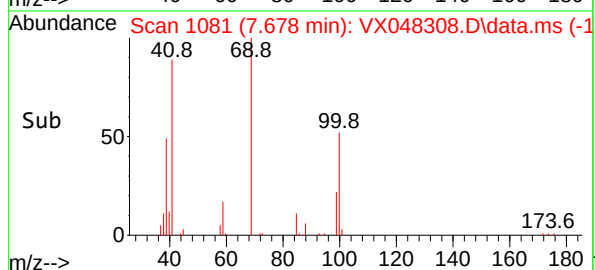
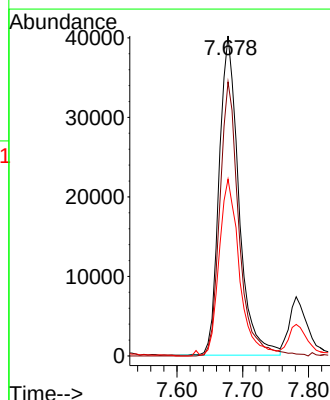
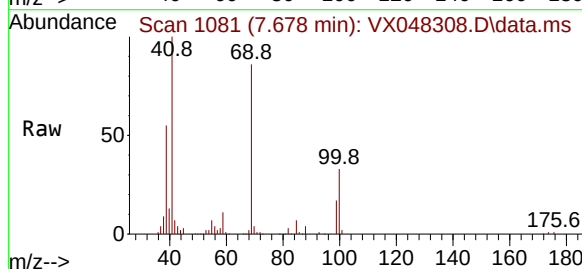
RT: 7.678 min Scan# 1081

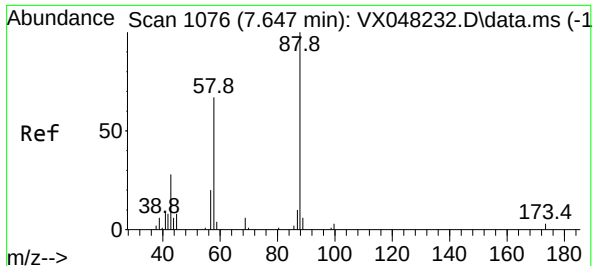
Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Tgt Ion:	41	Resp:	83930
Ion Ratio	Lower	Upper	
41	100		
69	83.1	63.4	95.0
39	56.3	47.1	70.7





#49

1,4-Dioxane

Concen: 879.716 ug/l

RT: 7.641 min Scan# 1076

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 2030

Ion Ratio Lower Upper

88 100

43 37.9 35.0 52.4

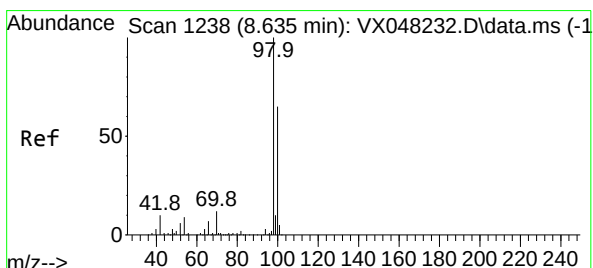
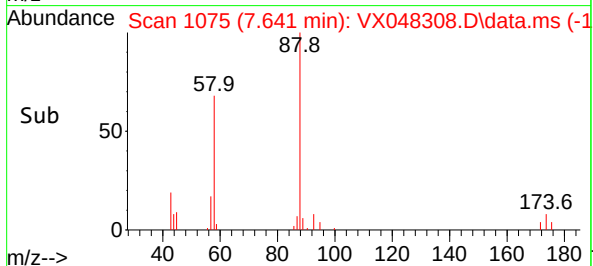
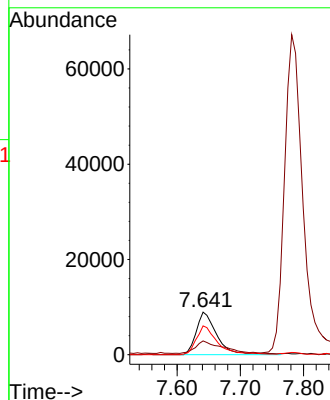
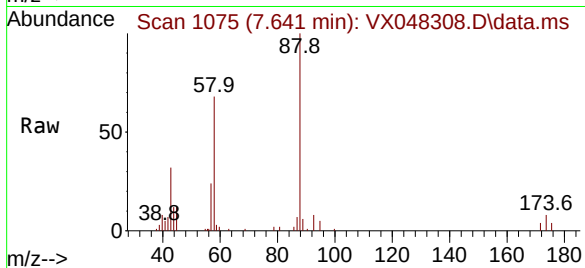
58 69.5 61.9 92.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#50

Toluene-d8

Concen: 48.945 ug/l

RT: 8.635 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VX048308.D

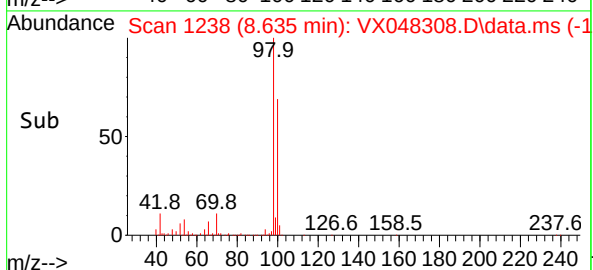
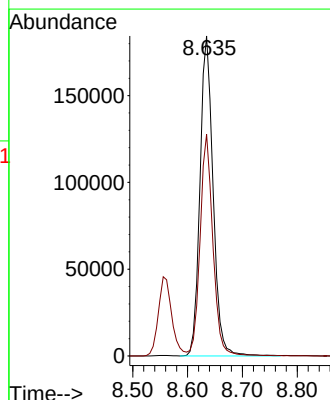
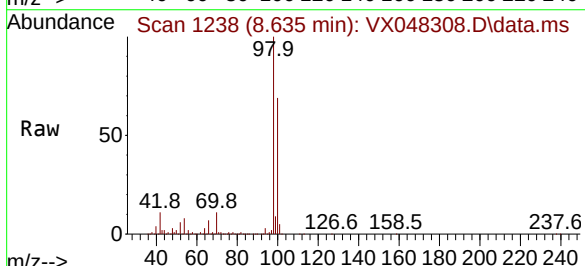
Acq: 22 Oct 2025 18:36

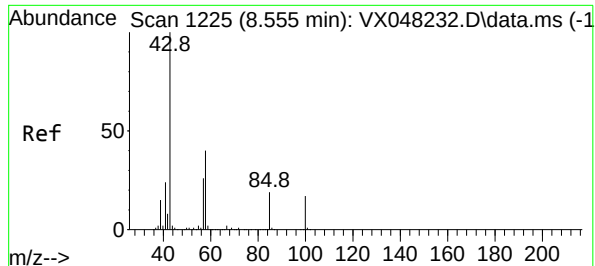
Tgt Ion: 98 Resp: 306881

Ion Ratio Lower Upper

98 100

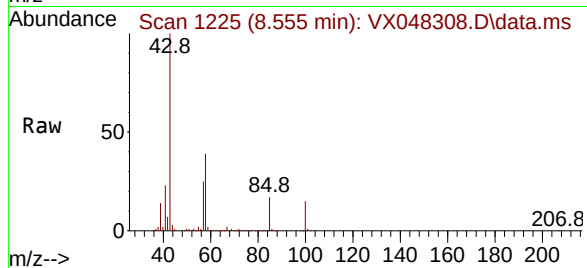
100 67.6 53.0 79.4





#51
4-Methyl-2-Pentanone
Concen: 259.006 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

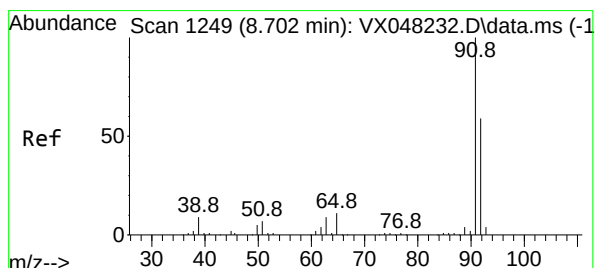
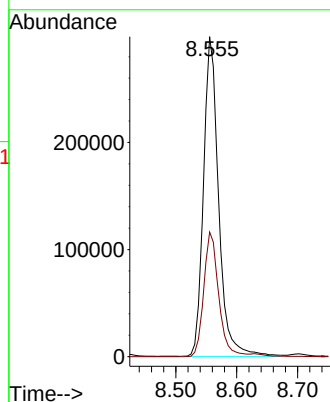
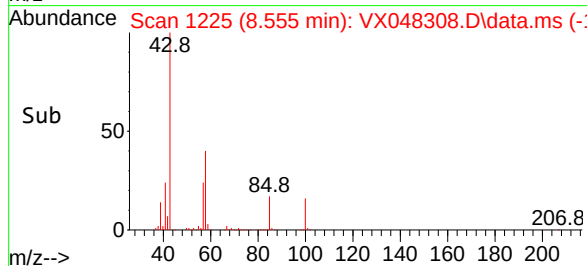
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 51693
Ion Ratio Lower Upper
43 100
58 38.5 29.5 44.3

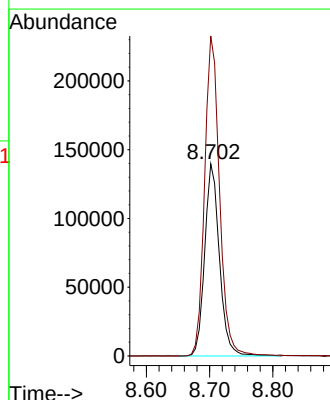
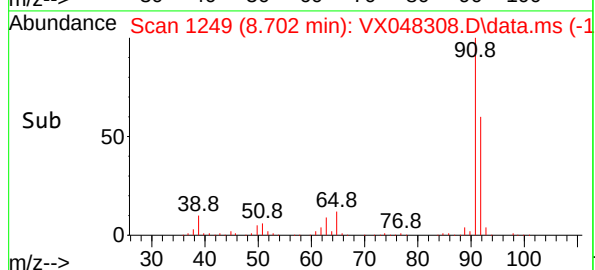
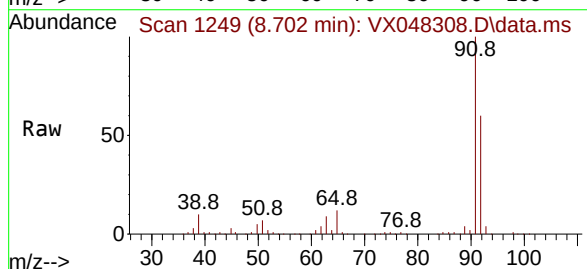
Manual Integrations
APPROVED

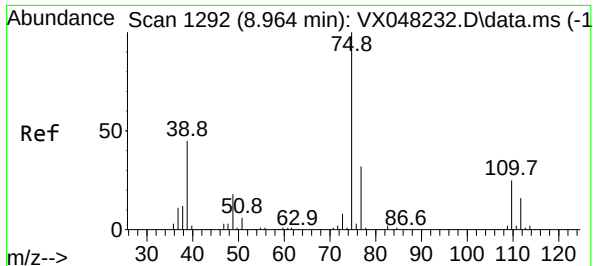
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#52
Toluene
Concen: 48.329 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 92 Resp: 226635
Ion Ratio Lower Upper
92 100
91 169.3 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 43.501 ug/l

RT: 8.964 min Scan# 1191

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 12375

Ion Ratio Lower Upper

75 100

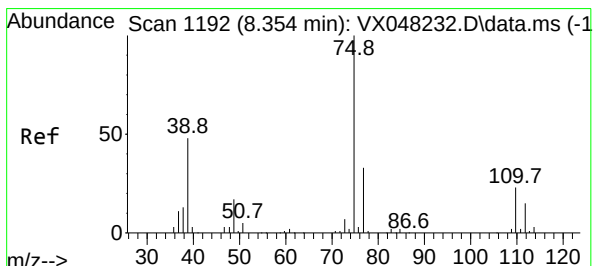
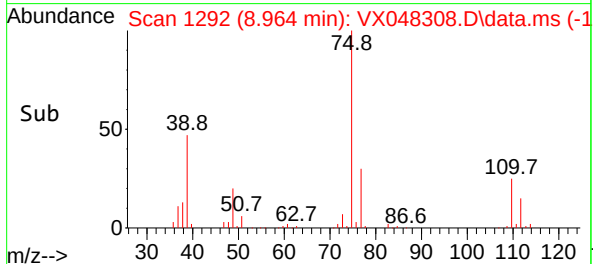
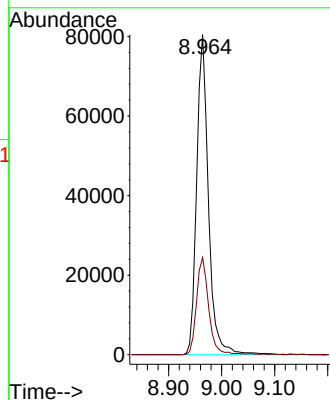
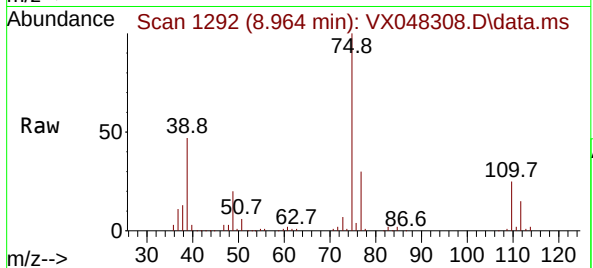
77 30.4 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#54

cis-1,3-Dichloropropene

Concen: 42.840 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

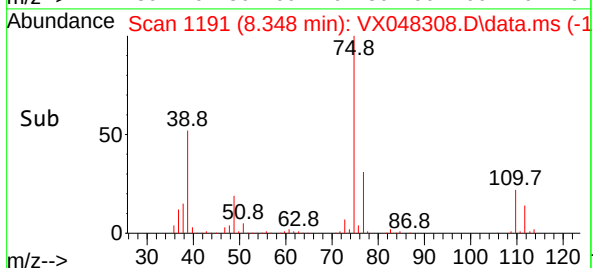
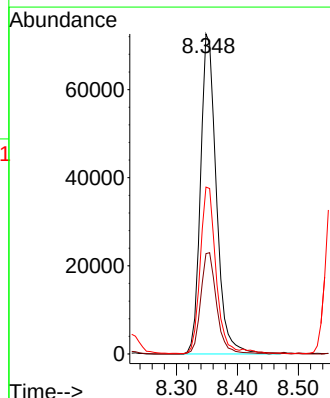
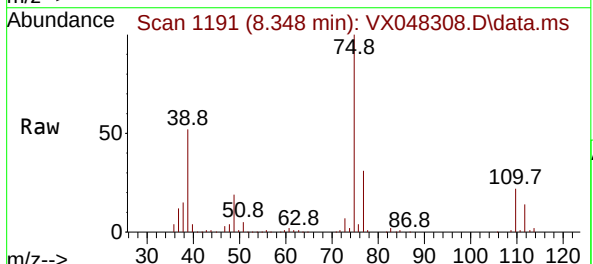
Tgt Ion: 75 Resp: 131492

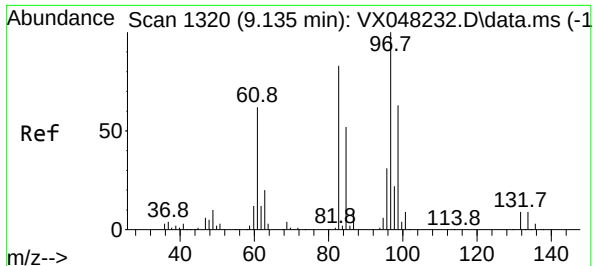
Ion Ratio Lower Upper

75 100

77 31.4 24.9 37.3

39 51.9 42.6 64.0





#55

1,1,2-Trichloroethane

Concen: 38.524 ug/l

RT: 9.135 min Scan# 1320

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 6718

Ion Ratio Lower Upper

97 100

83 86.6 70.6 105.8

85 56.9 45.0 67.6

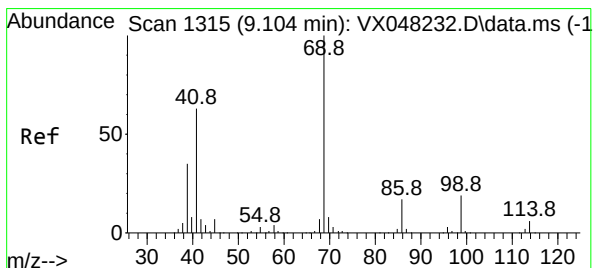
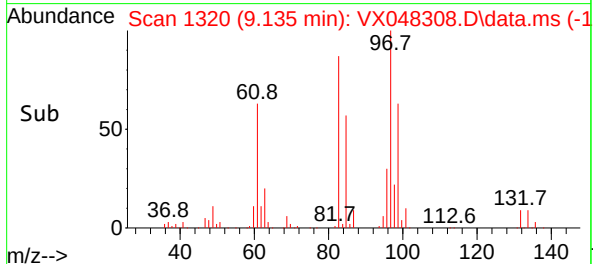
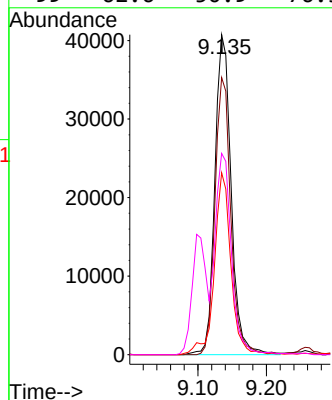
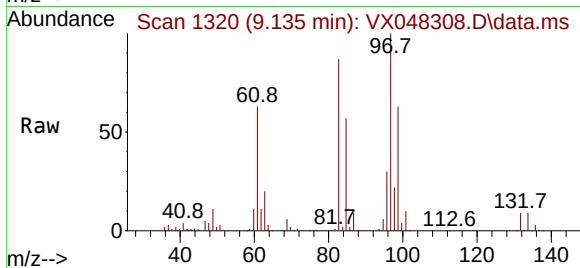
99 62.6 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#56

Ethyl methacrylate

Concen: 44.971 ug/l

RT: 9.098 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

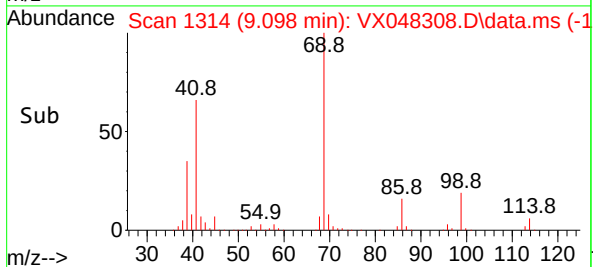
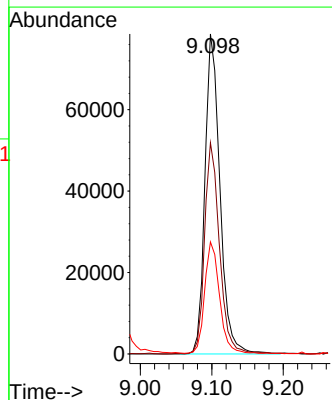
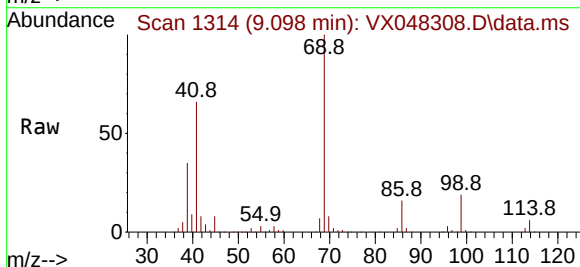
Tgt Ion: 69 Resp: 114708

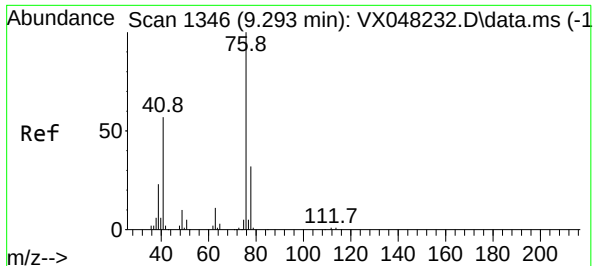
Ion Ratio Lower Upper

69 100

41 65.4 56.0 84.0

39 34.8 31.6 47.4





#57

1,3-Dichloropropane

Concen: 31.867 ug/l

RT: 9.293 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 9492

Ion Ratio Lower Upper

76 100

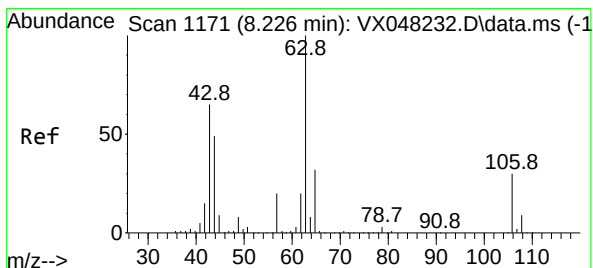
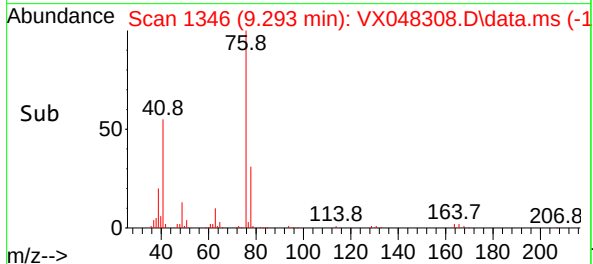
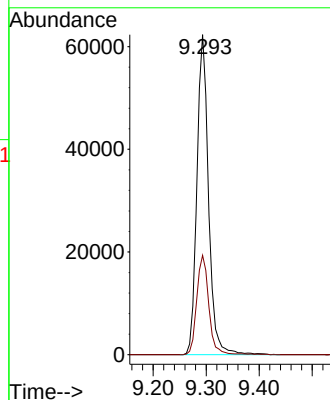
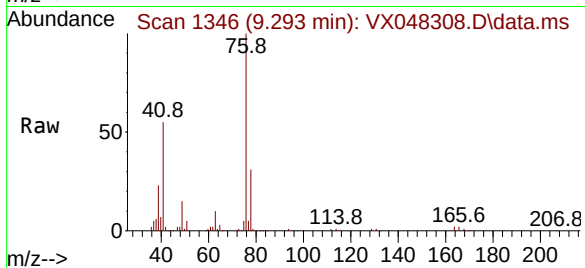
78 32.2 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#58

2-Chloroethyl Vinyl ether

Concen: 255.410 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX048308.D

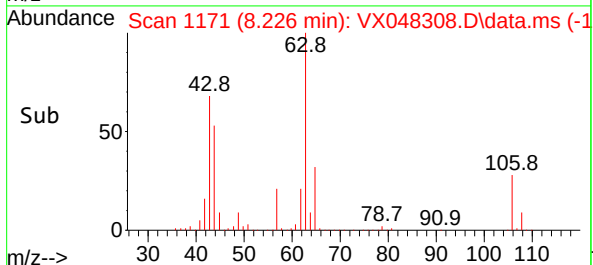
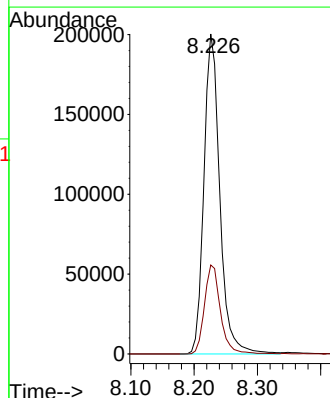
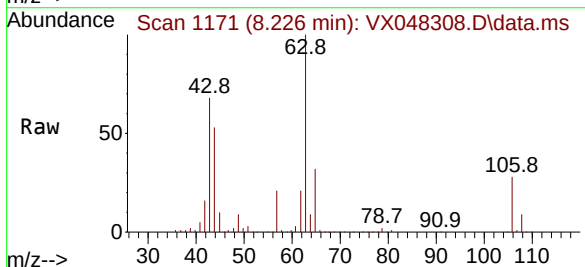
Acq: 22 Oct 2025 18:36

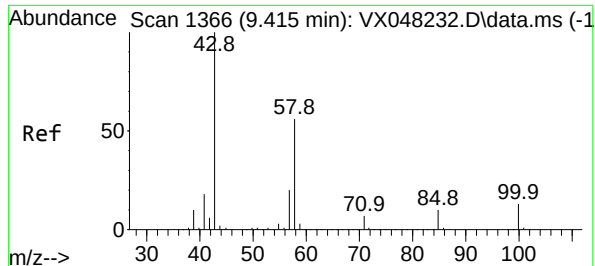
Tgt Ion: 63 Resp: 350352

Ion Ratio Lower Upper

63 100

106 28.1 22.2 33.2





#59

2-Hexanone

Concen: 151.826 ug/l

RT: 9.415 min Scan# 1366

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 21129

Ion Ratio Lower Upper

43 100

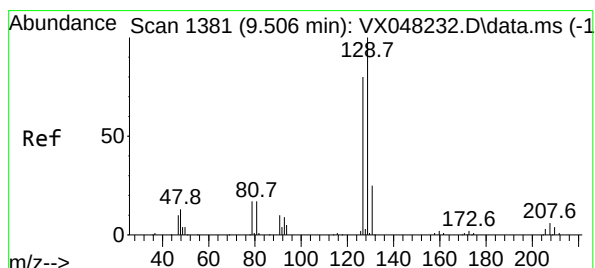
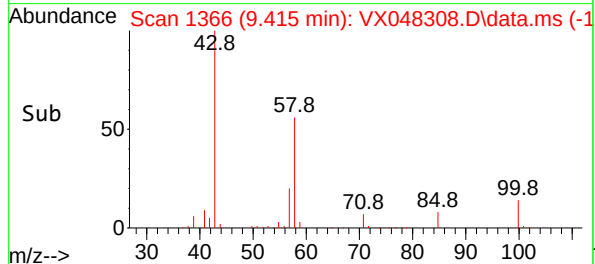
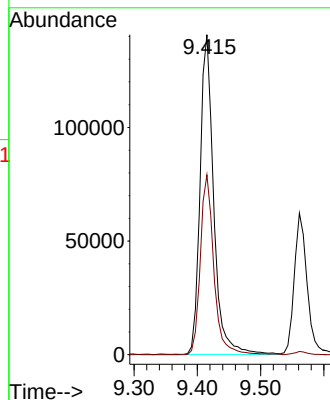
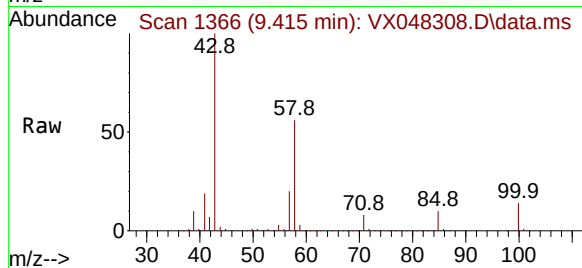
58 56.0 26.3 78.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#60

Dibromochloromethane

Concen: 29.838 ug/l

RT: 9.507 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VX048308.D

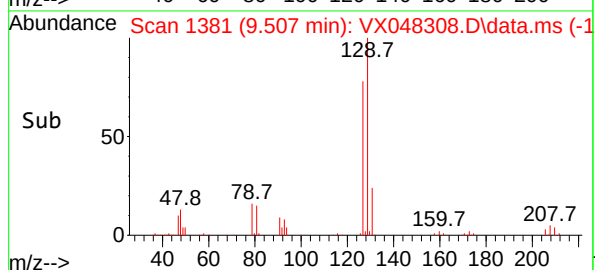
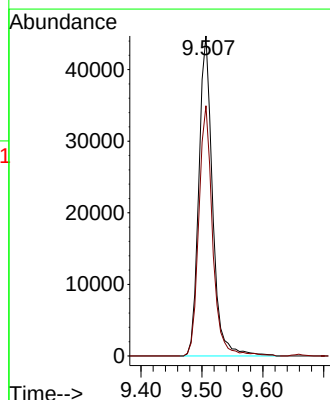
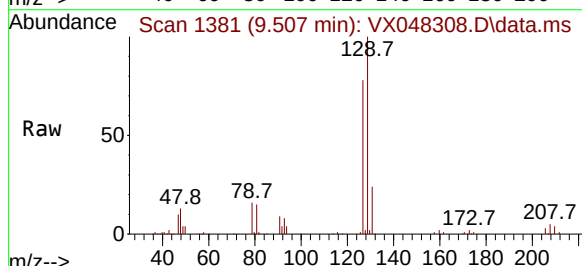
Acq: 22 Oct 2025 18:36

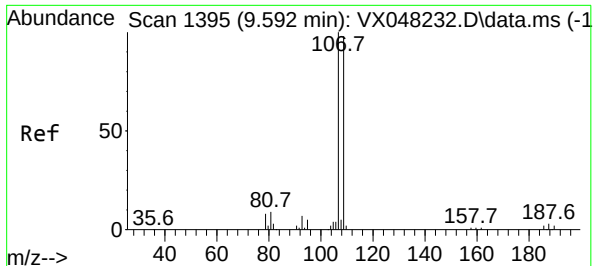
Tgt Ion:129 Resp: 69937

Ion Ratio Lower Upper

129 100

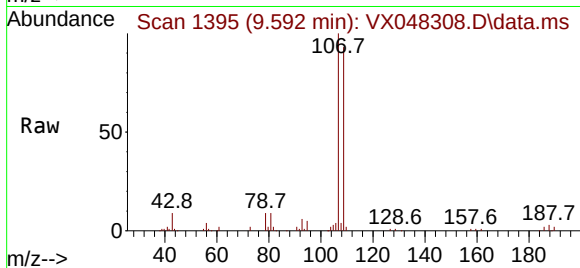
127 78.7 38.6 115.7





#61
1,2-Dibromoethane
Concen: 31.036 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

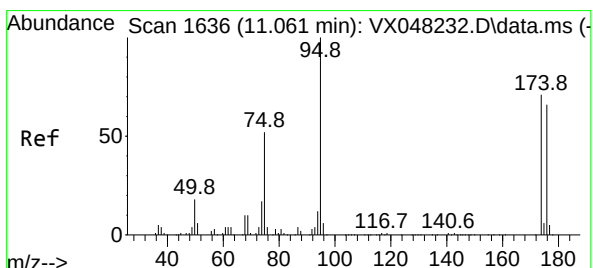
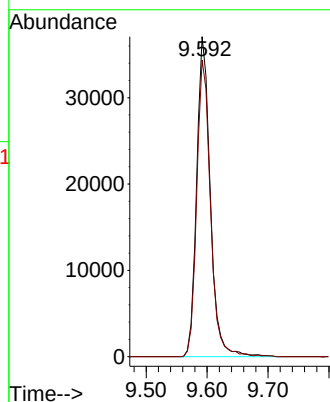
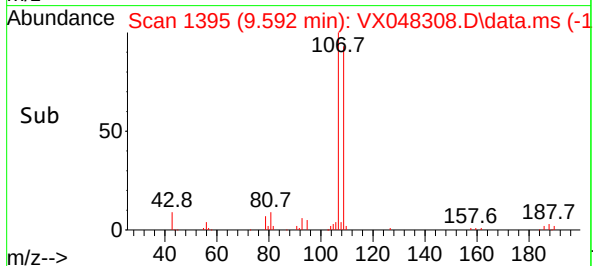
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 57700
Ion Ratio Lower Upper
107 100
109 93.2 77.0 115.4

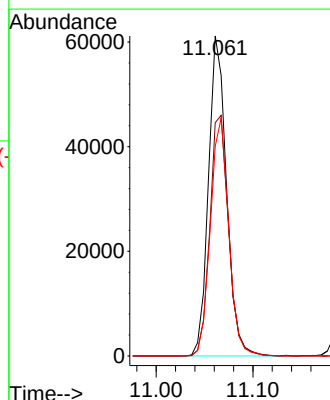
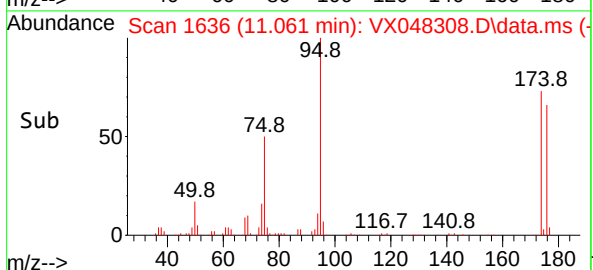
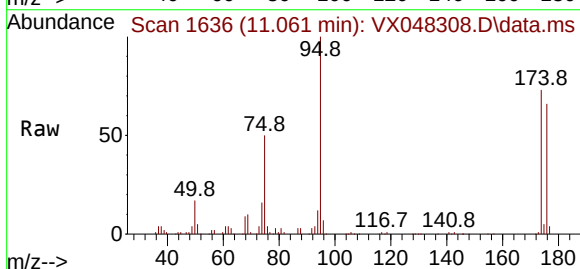
Manual Integrations
APPROVED

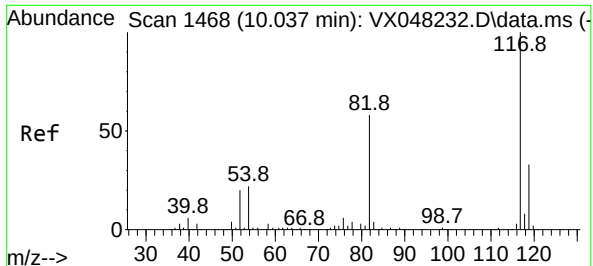
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#62
4-Bromofluorobenzene
Concen: 33.314 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

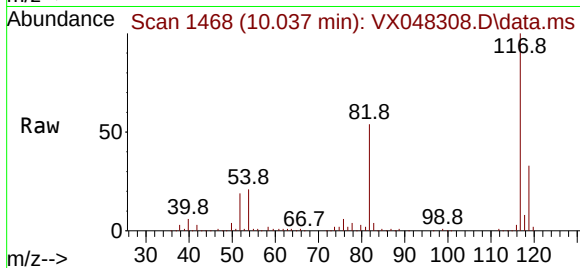
Tgt Ion: 95 Resp: 79463
Ion Ratio Lower Upper
95 100
174 78.2 0.0 147.8
176 75.5 0.0 142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

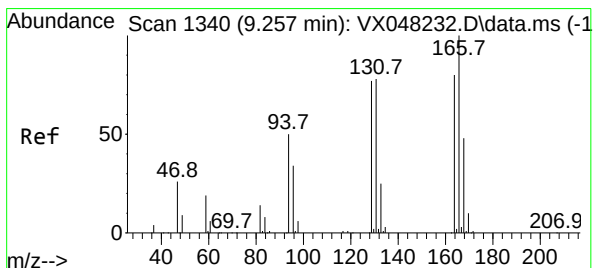
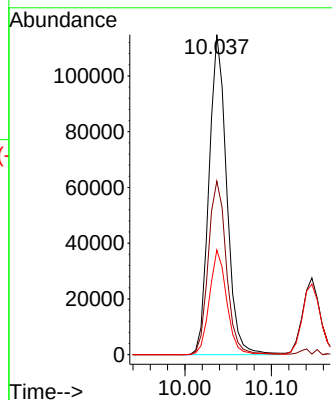
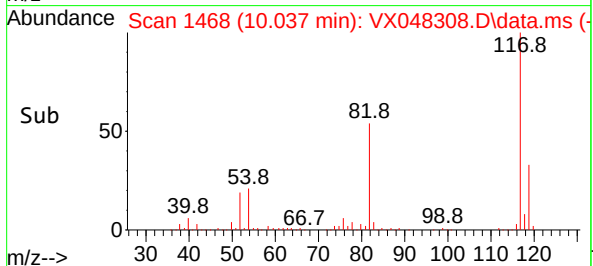
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 162404
Ion Ratio Lower Upper
117 100
82 54.2 46.5 69.7
119 32.7 25.9 38.9

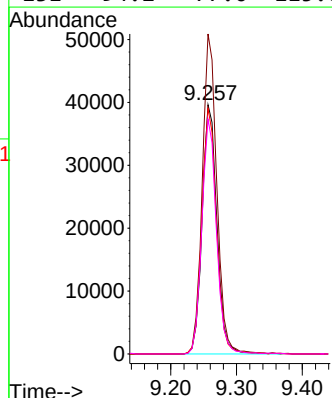
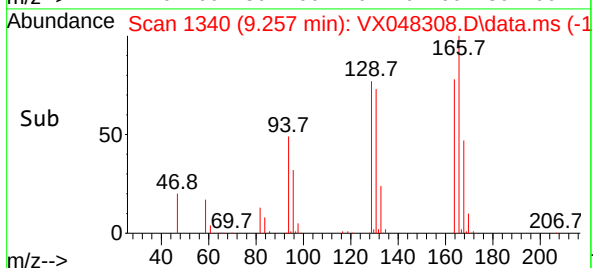
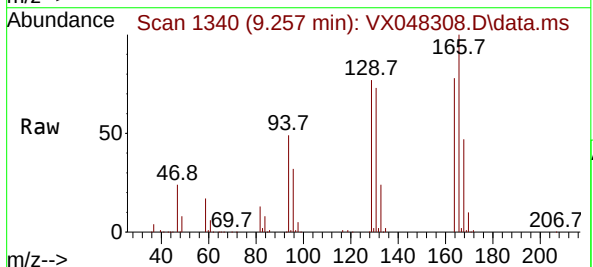
Manual Integrations
APPROVED

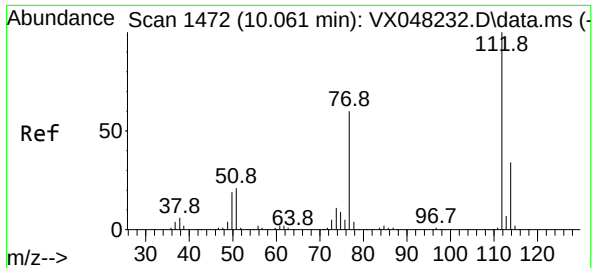
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#64
Tetrachloroethene
Concen: 51.141 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

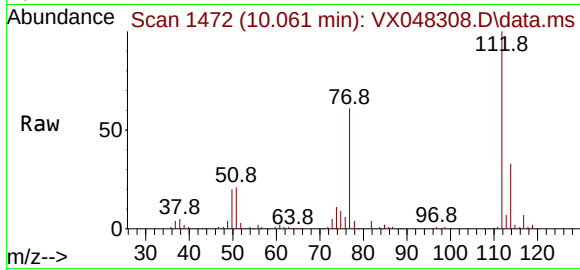
Tgt Ion:164 Resp: 62003
Ion Ratio Lower Upper
164 100
166 128.4 104.5 156.7
129 98.6 81.8 122.6
131 94.2 77.0 115.6





#65
Chlorobenzene
Concen: 44.931 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

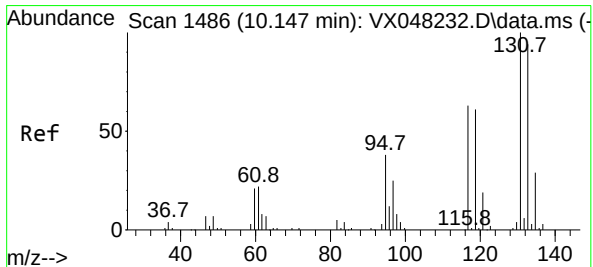
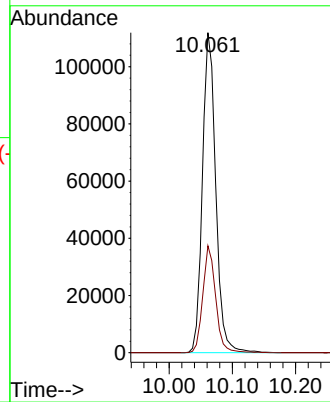
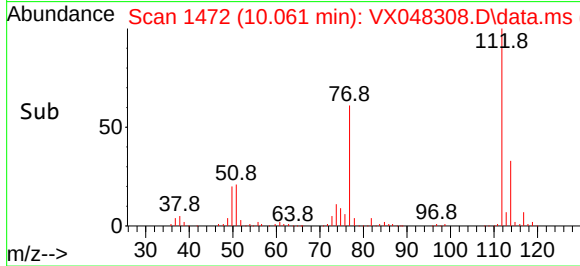
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



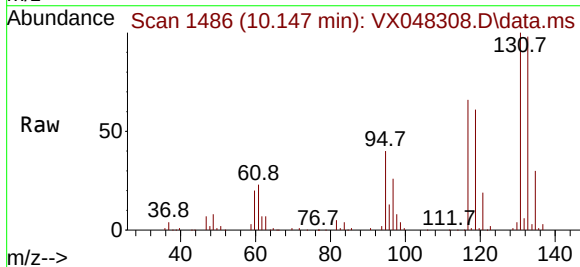
Tgt Ion:112 Resp: 16414
Ion Ratio Lower Upper
112 100
114 33.4 26.2 39.2

Manual Integrations
APPROVED

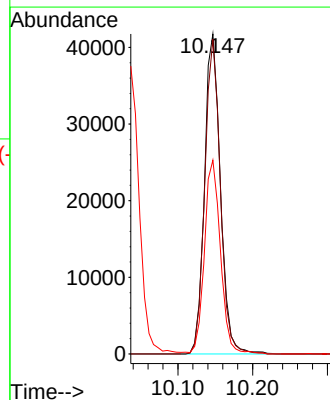
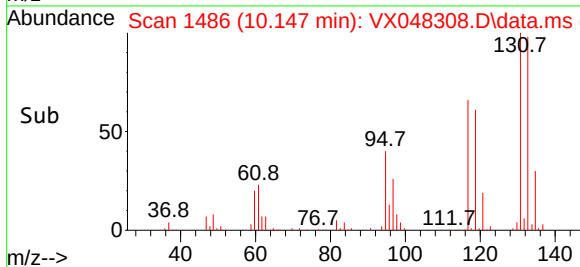
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

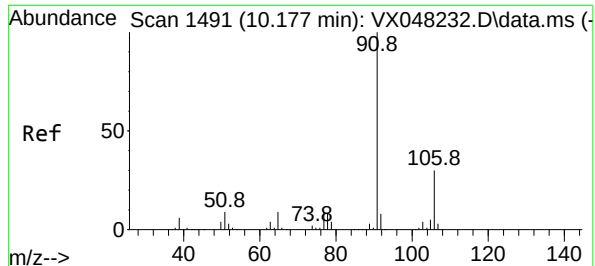


#66
1,1,1,2-Tetrachloroethane
Concen: 45.916 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36



Tgt Ion:131 Resp: 61612
Ion Ratio Lower Upper
131 100
133 96.2 47.6 142.8
119 61.3 32.5 97.5





#67

Ethyl Benzene

Concen: 45.820 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 285000

Ion Ratio Lower Upper

91 100

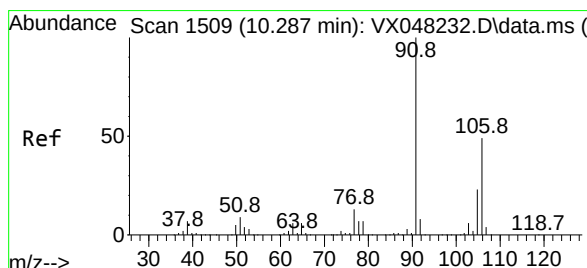
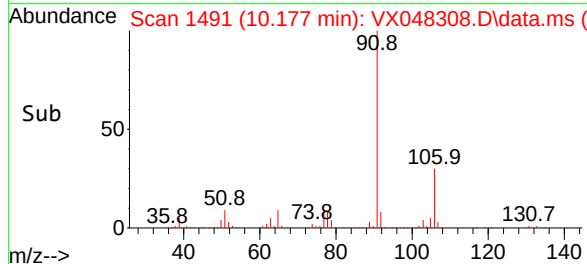
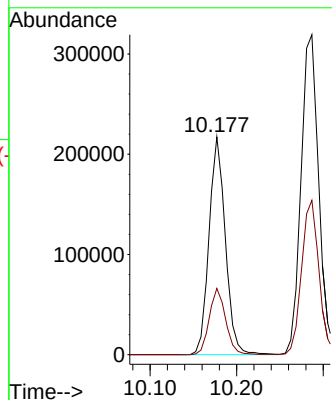
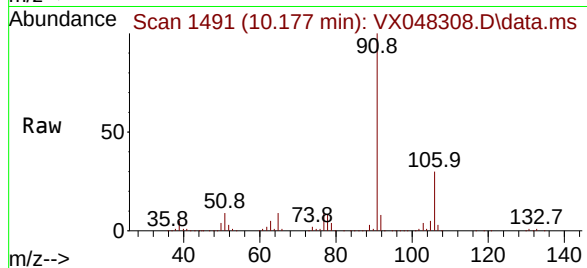
106 30.4 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#68

m/p-Xylenes

Concen: 93.917 ug/l

RT: 10.287 min Scan# 1509

Delta R.T. 0.000 min

Lab File: VX048308.D

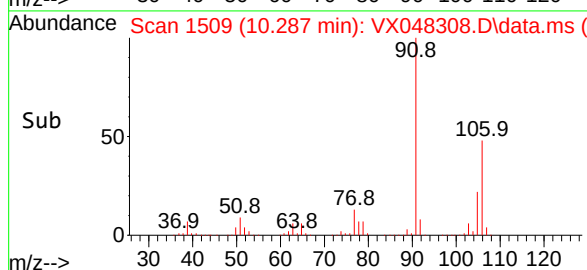
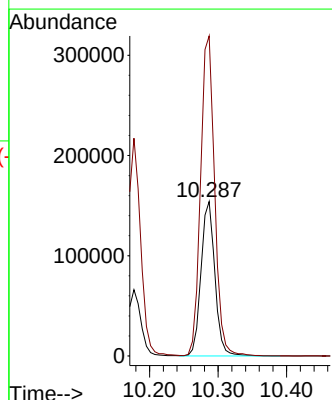
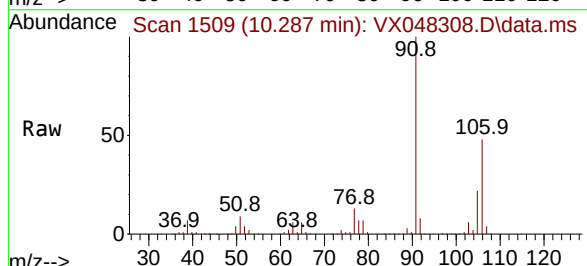
Acq: 22 Oct 2025 18:36

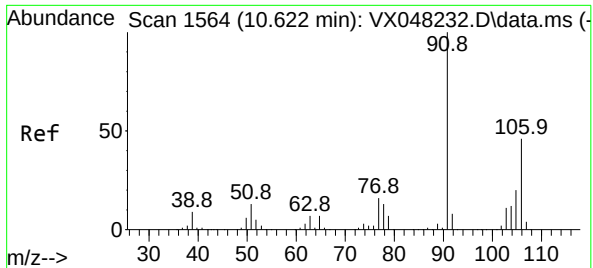
Tgt Ion:106 Resp: 217045

Ion Ratio Lower Upper

106 100

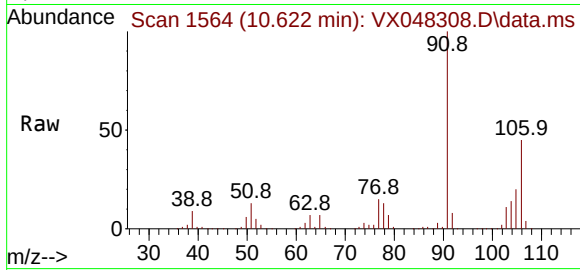
91 210.6 167.9 251.9





#69
o-Xylene
Concen: 46.180 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

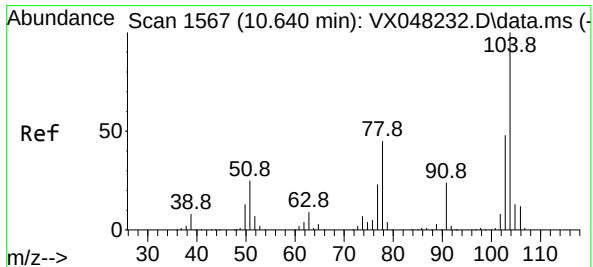
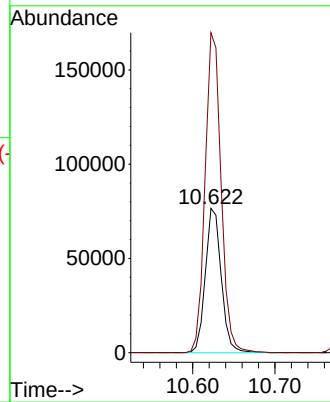
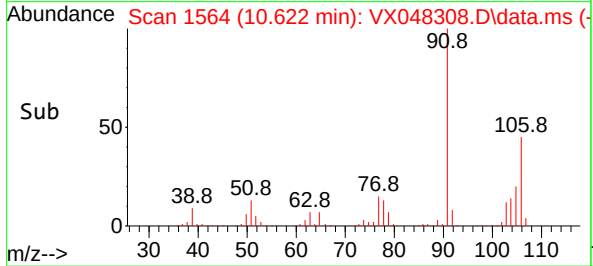
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 103030
Ion Ratio Lower Upper
106 100
91 222.9 111.3 333.9

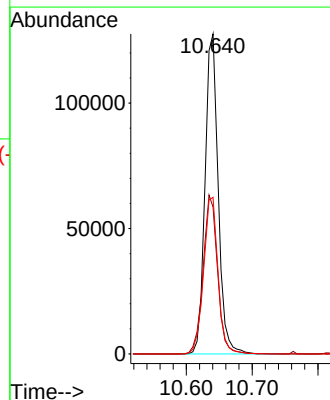
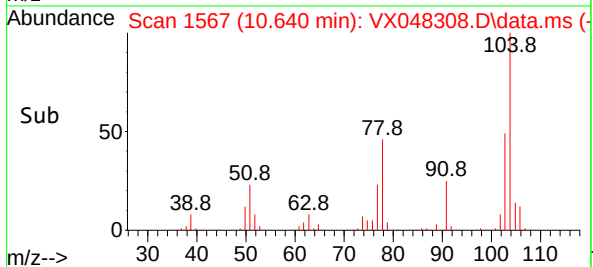
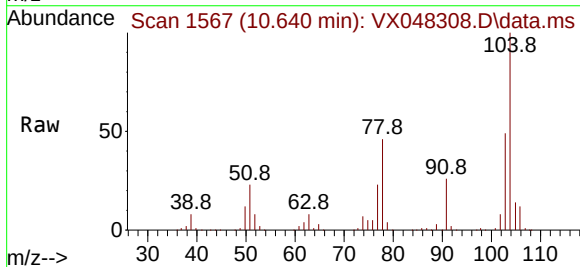
Manual Integrations
APPROVED

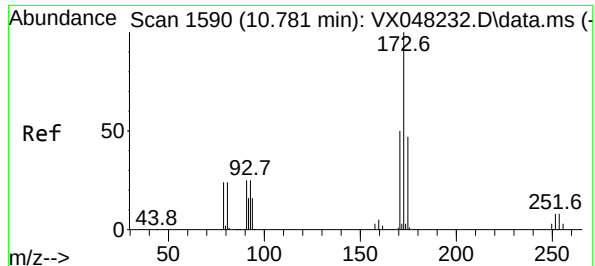
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#70
Styrene
Concen: 46.785 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:104 Resp: 177742
Ion Ratio Lower Upper
104 100
78 54.2 42.2 63.4
103 53.8 43.0 64.4





#71

Bromoform

Concen: 42.089 ug/l

RT: 10.781 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 45139

Ion Ratio Lower Upper

173 100

175 50.2 24.0 72.0

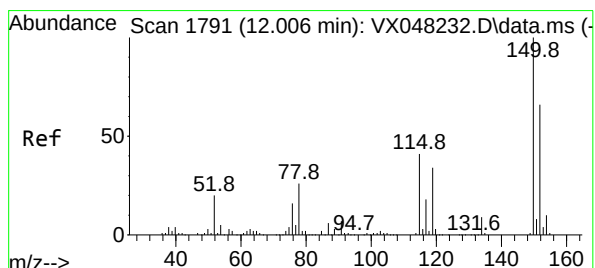
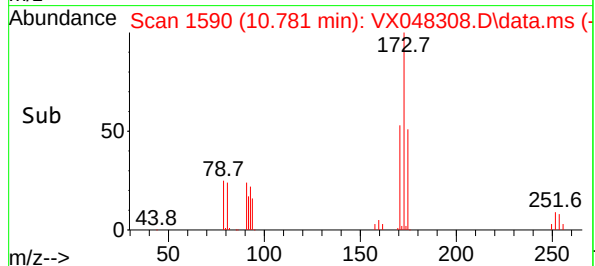
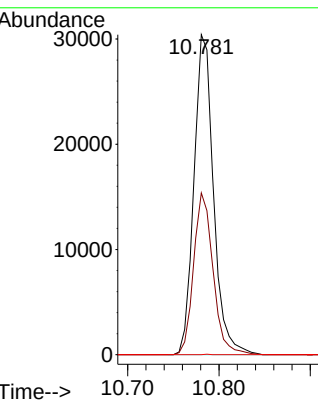
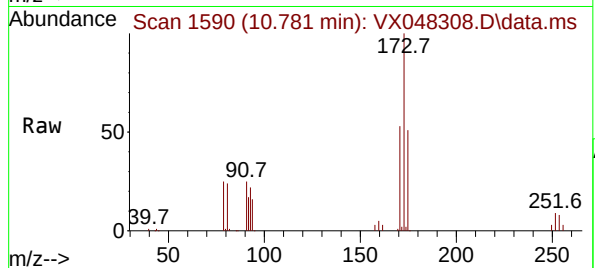
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

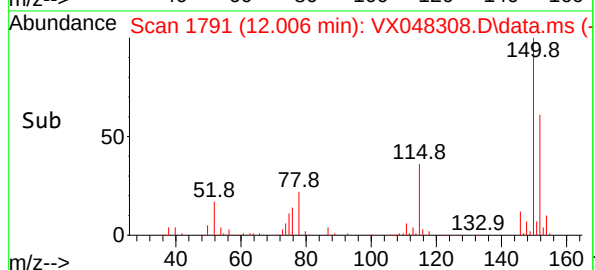
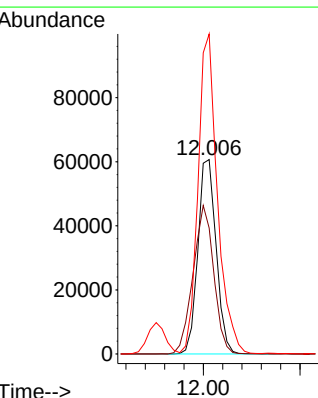
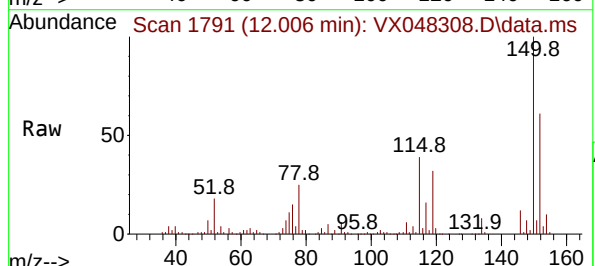
Tgt Ion:152 Resp: 79762

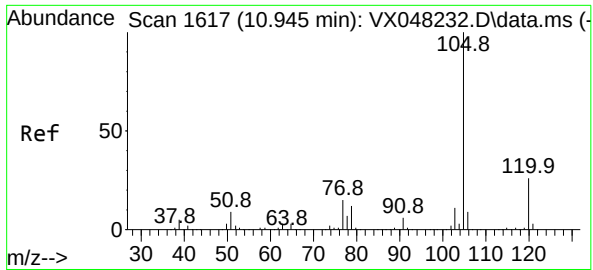
Ion Ratio Lower Upper

152 100

115 86.4 43.1 129.4

150 173.7 0.0 353.0





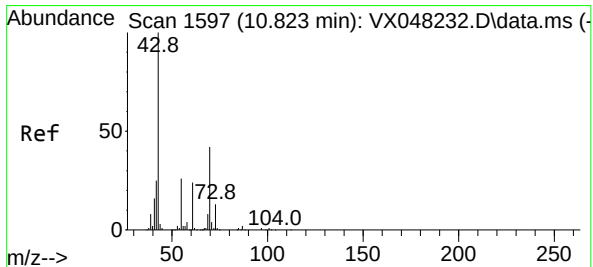
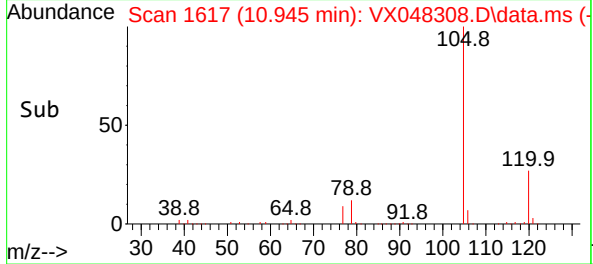
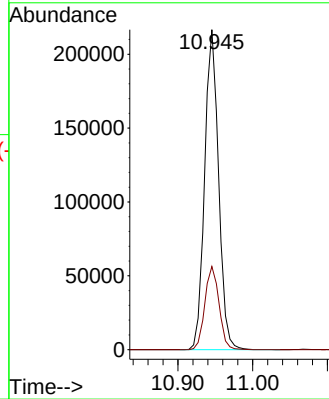
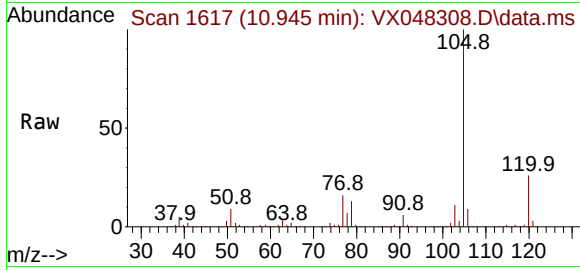
#73
Isopropylbenzene
Concen: 48.063 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 280000
Ion Ratio Lower Upper
105 100
120 26.4 13.0 38.9

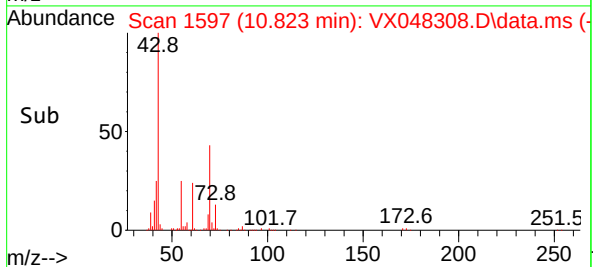
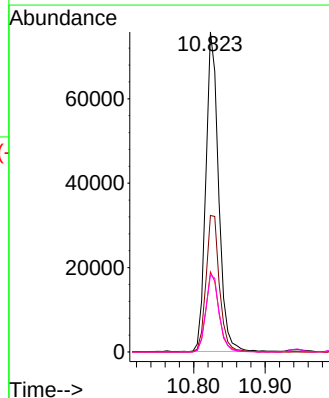
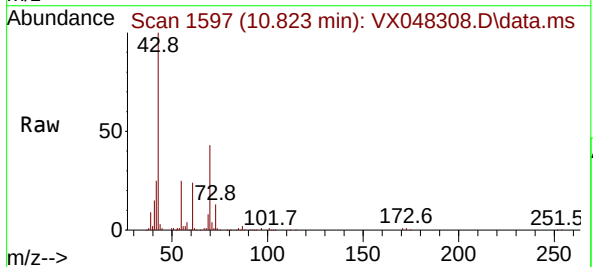
Manual Integrations
APPROVED

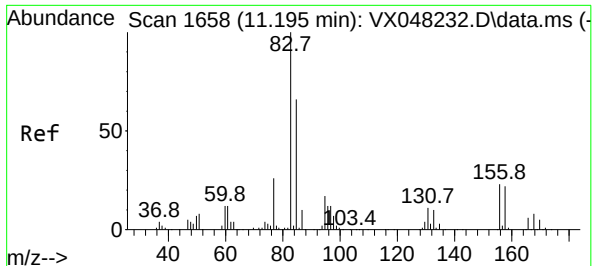
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#74
N-ethyl acetate
Concen: 45.596 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 43 Resp: 94223
Ion Ratio Lower Upper
43 100
70 44.9 32.2 48.2
55 25.4 19.1 28.7
61 25.4 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 44.003 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 7000

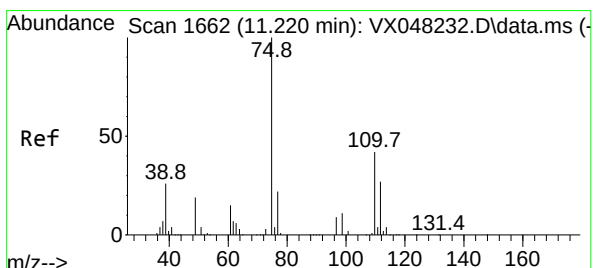
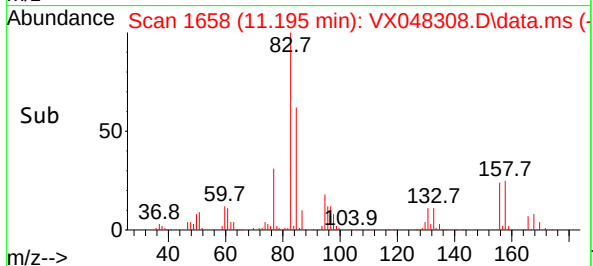
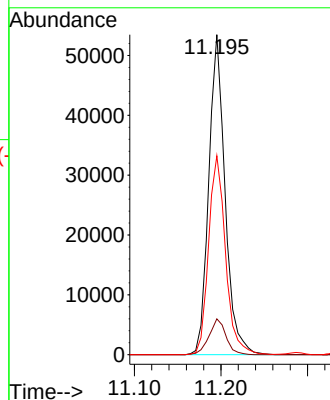
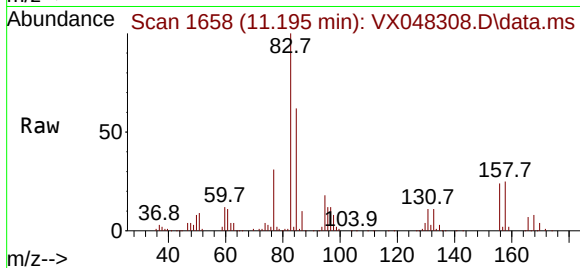
Ion	Ratio	Lower	Upper
83	100		
131	11.6	4.8	14.4
85	64.7	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#76

1,2,3-Trichloropropane

Concen: 50.768 ug/l m

RT: 11.220 min Scan# 1662

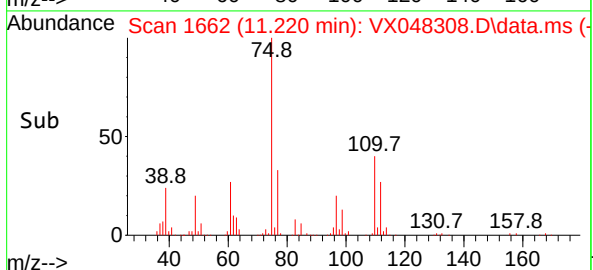
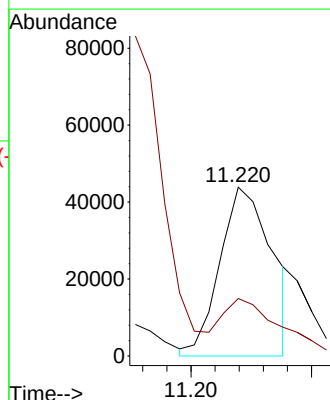
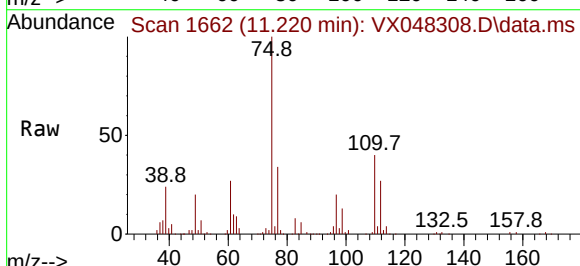
Delta R.T. 0.000 min

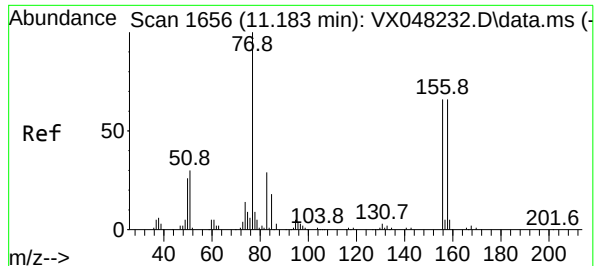
Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Tgt Ion: 75 Resp: 65667

Ion	Ratio	Lower	Upper
75	100		
77	38.0	22.4	67.2





#77

Bromobenzene

Concen: 48.168 ug/l

RT: 11.183 min Scan# 1656

Delta R.T. 0.006 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 7036

Ion Ratio Lower Upper

156 100

77 158.9 87.0 261.0

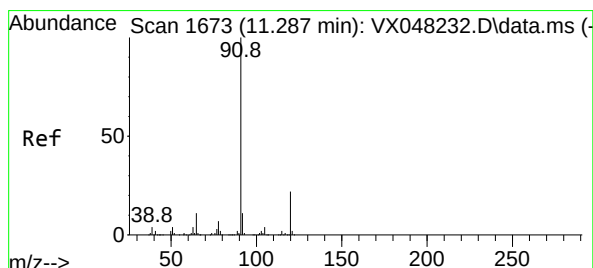
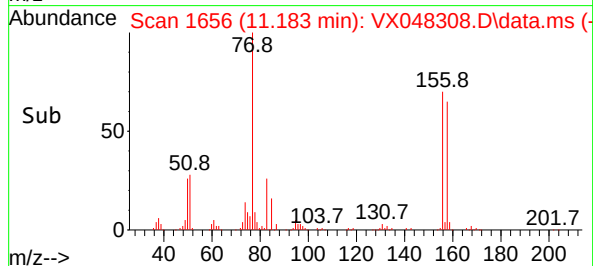
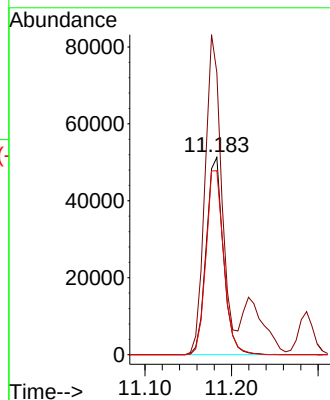
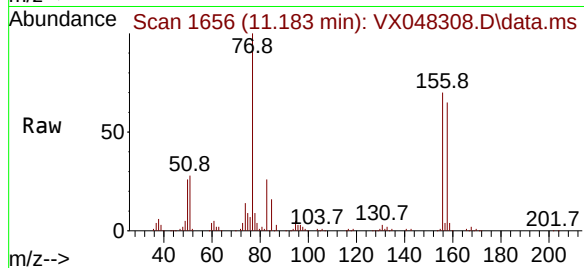
158 96.8 47.8 143.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#78

n-propylbenzene

Concen: 47.765 ug/l

RT: 11.287 min Scan# 1673

Delta R.T. 0.000 min

Lab File: VX048308.D

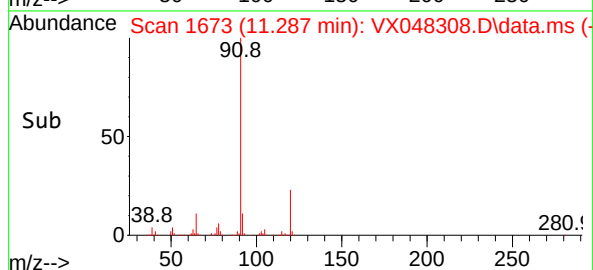
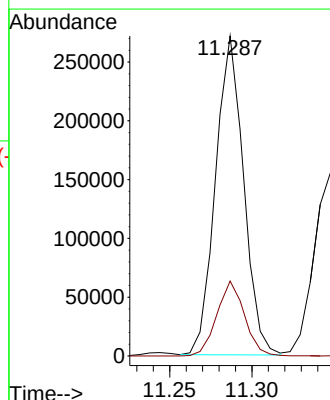
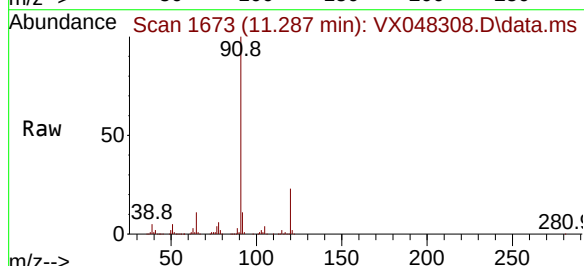
Acq: 22 Oct 2025 18:36

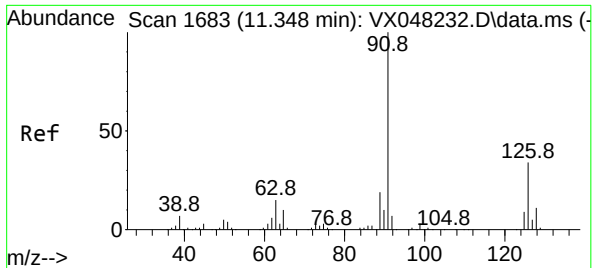
Tgt Ion: 91 Resp: 322187

Ion Ratio Lower Upper

91 100

120 23.2 11.1 33.1





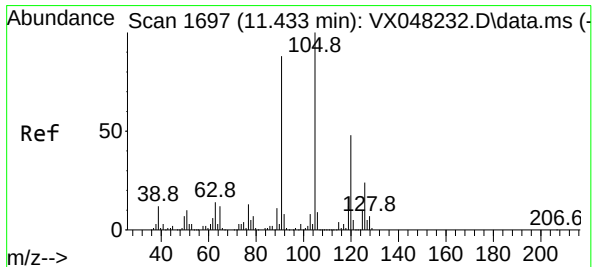
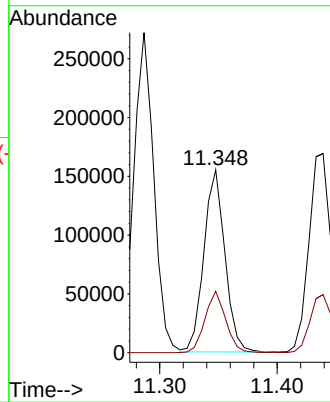
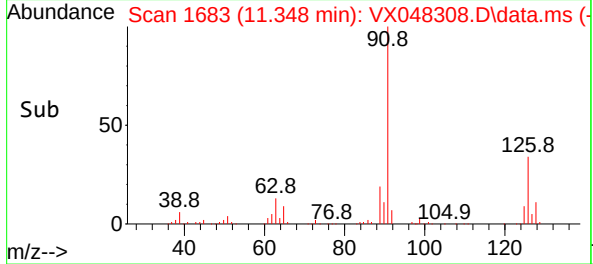
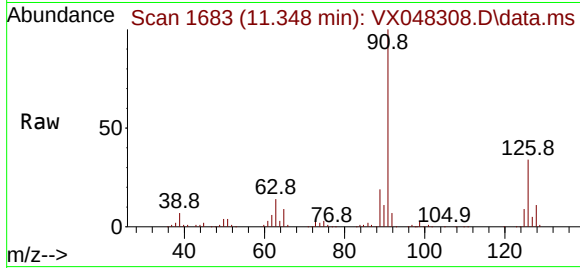
#79
2-Chlorotoluene
Concen: 47.160 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 19286
Ion Ratio Lower Upper
91 100
126 33.3 16.4 49.4

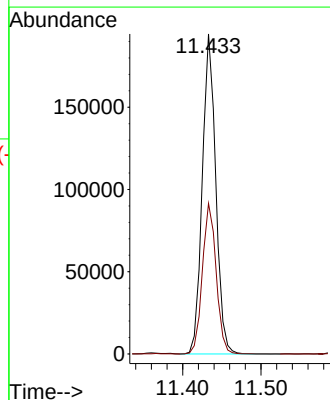
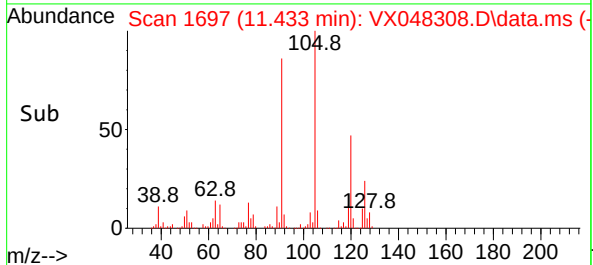
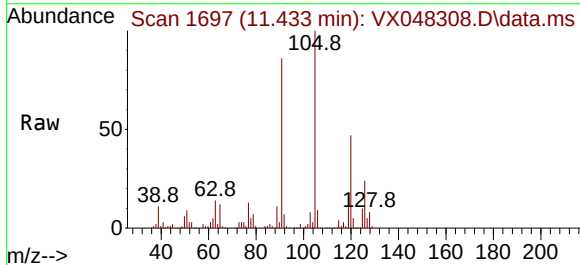
Manual Integrations
APPROVED

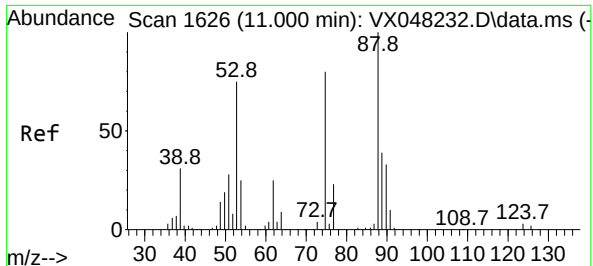
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#80
1,3,5-Trimethylbenzene
Concen: 48.075 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:105 Resp: 231776
Ion Ratio Lower Upper
105 100
120 48.1 24.0 72.0





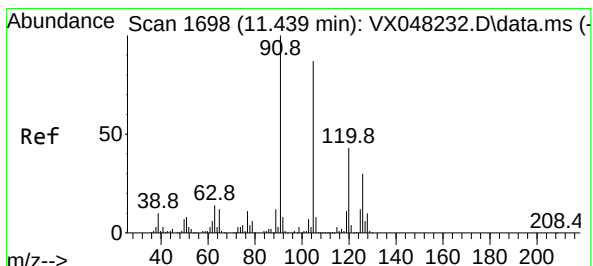
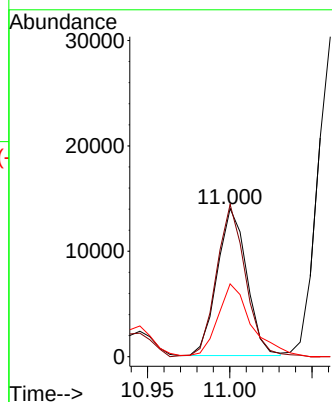
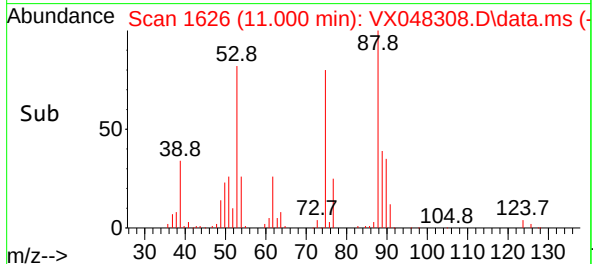
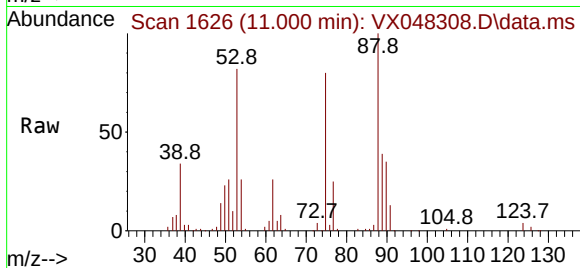
#81
trans-1,4-Dichloro-2-butene
Concen: 32.856 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 17468
Ion Ratio Lower Upper
75 100
53 101.6 79.5 119.3
89 56.5 36.8 55.2

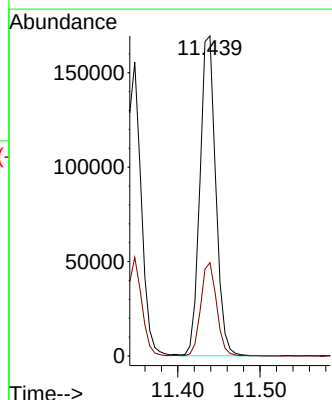
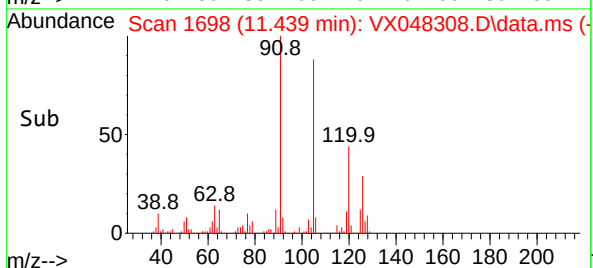
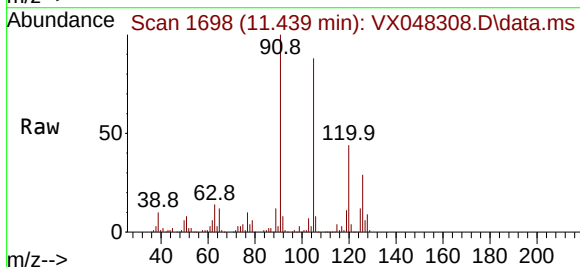
Manual Integrations
APPROVED

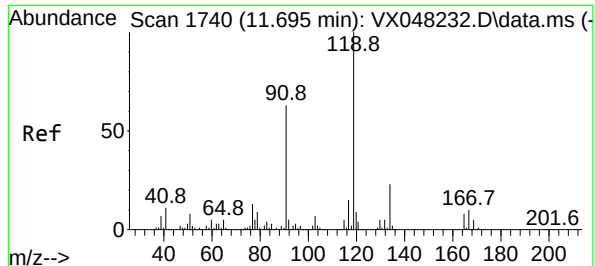
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#82
4-Chlorotoluene
Concen: 46.681 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 91 Resp: 226624
Ion Ratio Lower Upper
91 100
126 29.2 14.1 42.4





#83

tert-Butylbenzene

Concen: 46.177 ug/l

RT: 11.695 min Scan# 1740

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 22874

Ion Ratio Lower Upper

119 100

91 59.8 30.3 91.0

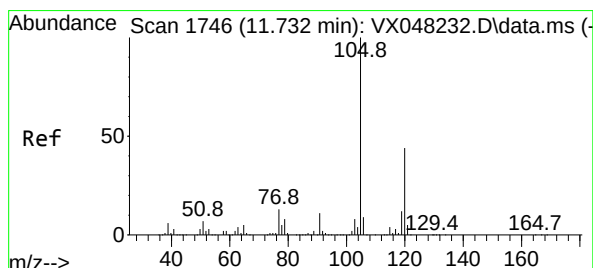
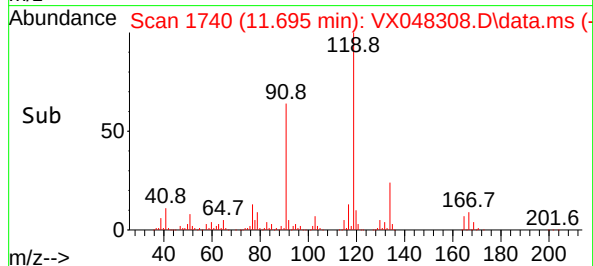
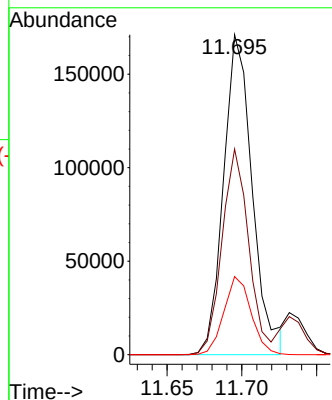
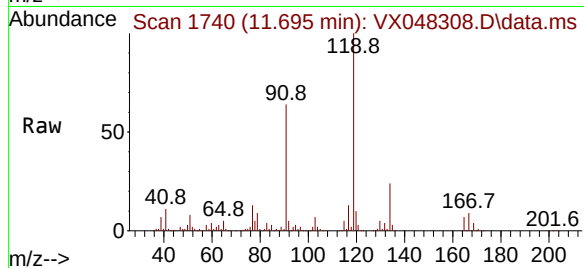
134 23.2 11.4 34.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#84

1,2,4-Trimethylbenzene

Concen: 47.822 ug/l

RT: 11.732 min Scan# 1746

Delta R.T. 0.000 min

Lab File: VX048308.D

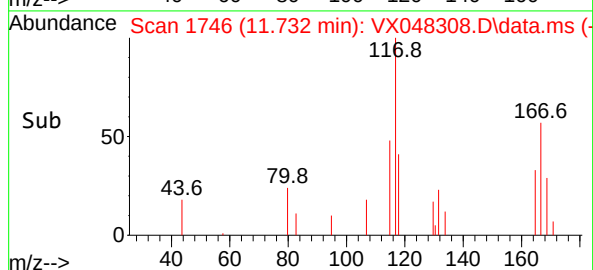
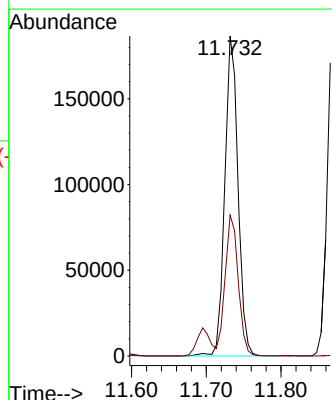
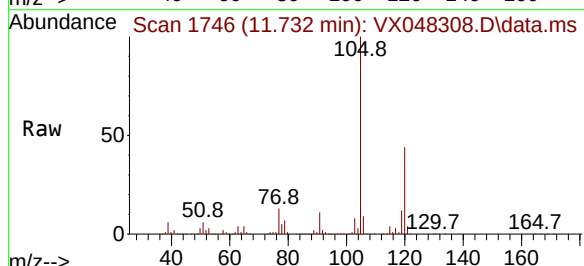
Acq: 22 Oct 2025 18:36

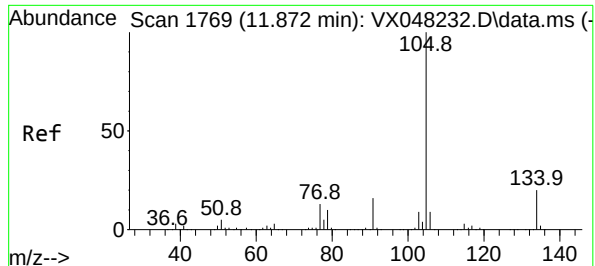
Tgt Ion:105 Resp: 230093

Ion Ratio Lower Upper

105 100

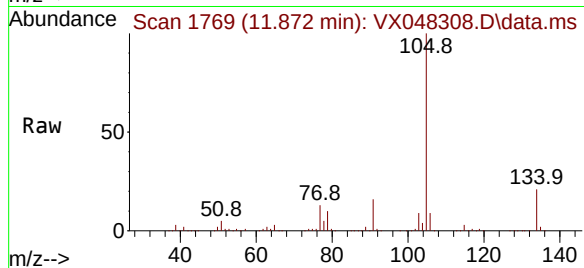
120 43.7 22.1 66.5





#85
 sec-Butylbenzene
 Concen: 45.855 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VX048308.D
 Acq: 22 Oct 2025 18:36

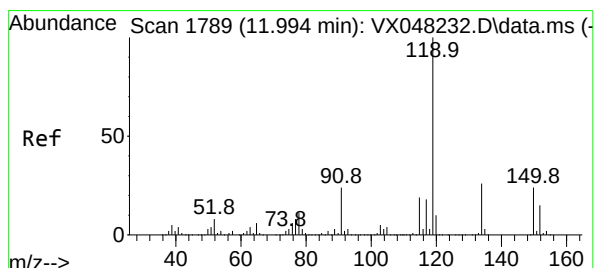
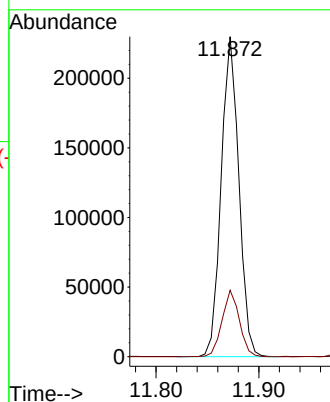
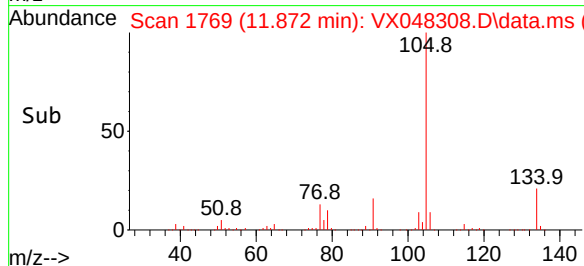
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



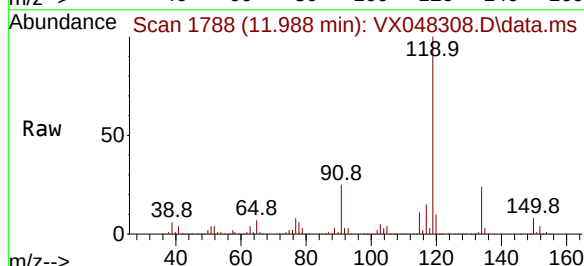
Tgt Ion:105 Resp: 27328
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.1

Manual Integrations
 APPROVED

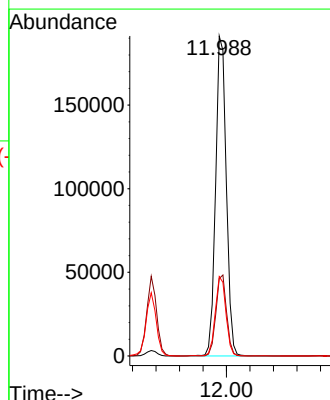
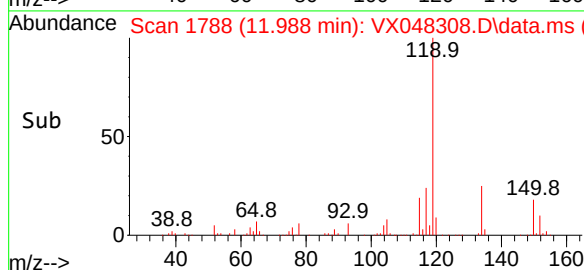
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/24/2025

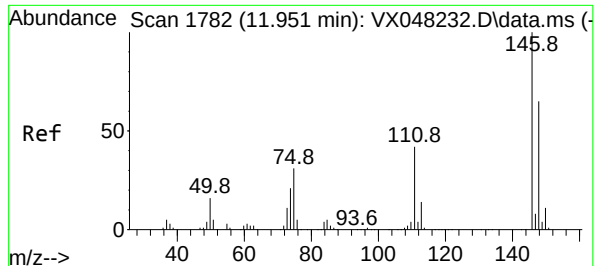


#86
 p-Isopropyltoluene
 Concen: 46.741 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. 0.000 min
 Lab File: VX048308.D
 Acq: 22 Oct 2025 18:36



Tgt Ion:119 Resp: 240774
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.0 39.0
 91 24.8 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 44.479 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 122488

Ion Ratio Lower Upper

146 100

111 42.8 20.4 61.2

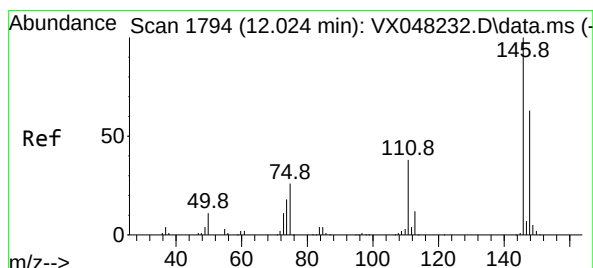
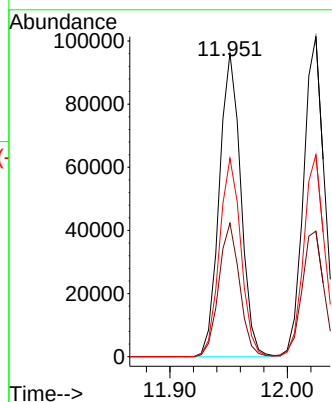
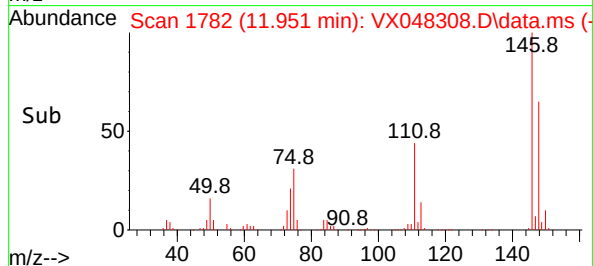
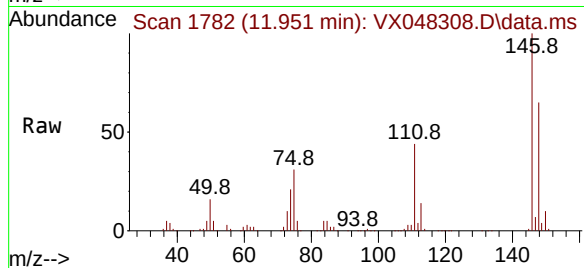
148 65.3 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#88

1,4-Dichlorobenzene

Concen: 43.891 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

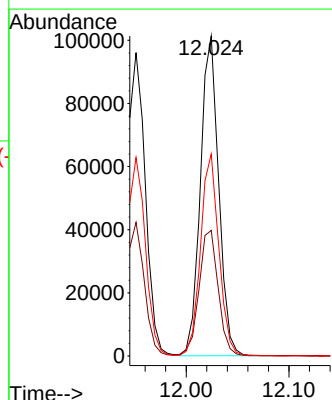
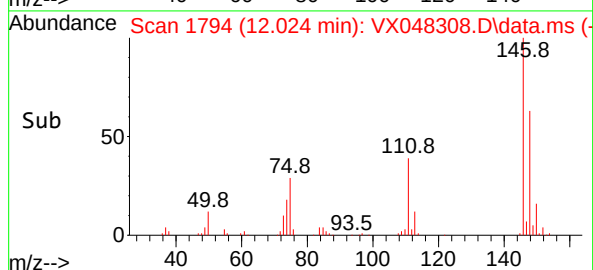
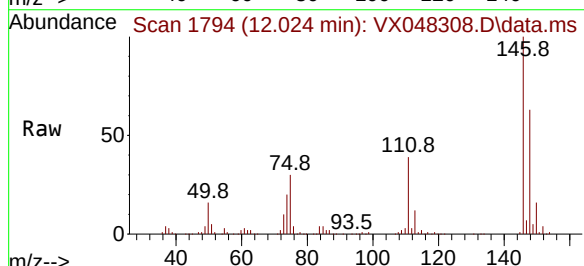
Tgt Ion:146 Resp: 125212

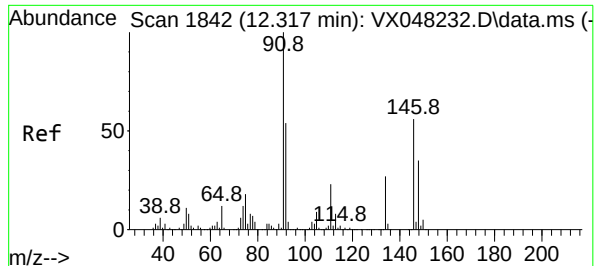
Ion Ratio Lower Upper

146 100

111 41.3 20.1 60.2

148 63.6 31.8 95.3





#89

n-Butylbenzene

Concen: 44.679 ug/l

RT: 12.311 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 20948

Ion Ratio Lower Upper

91 100

92 53.5 26.9 80.6

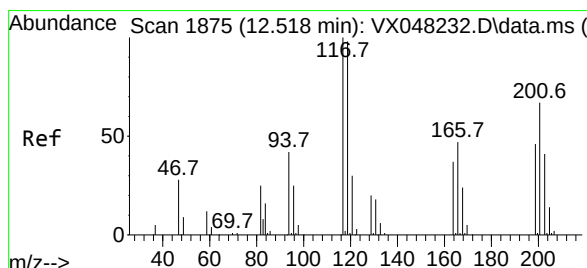
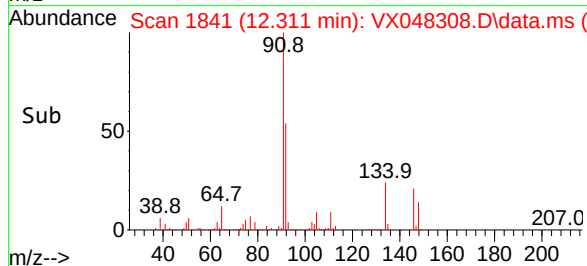
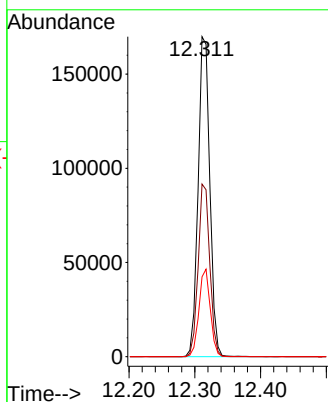
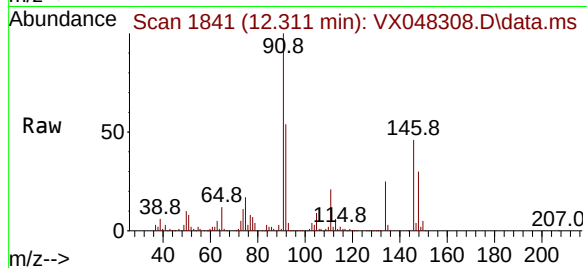
134 26.5 12.7 38.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#90

Hexachloroethane

Concen: 37.170 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VX048308.D

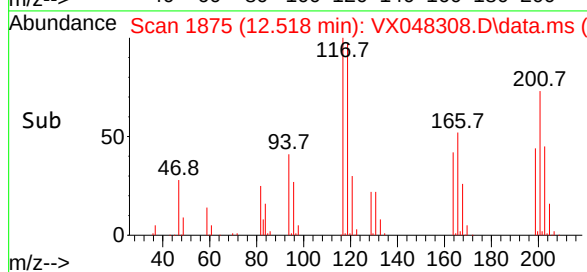
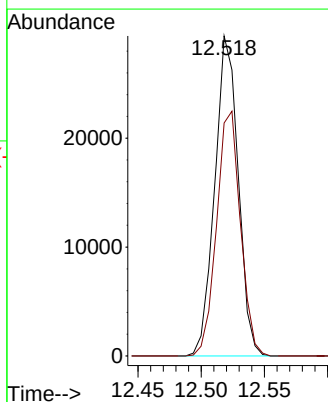
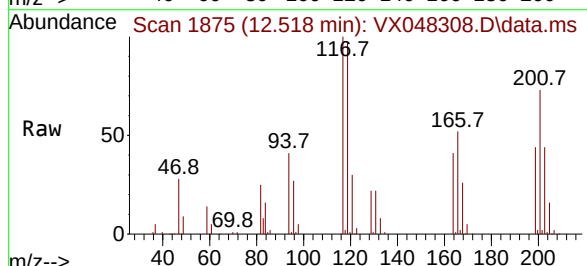
Acq: 22 Oct 2025 18:36

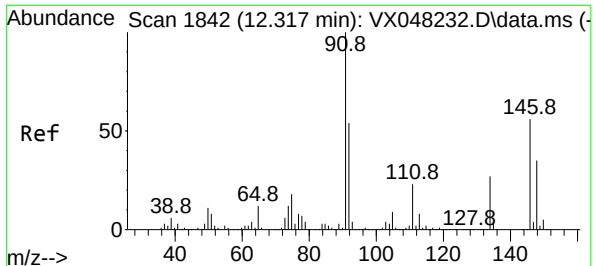
Tgt Ion:117 Resp: 37811

Ion Ratio Lower Upper

117 100

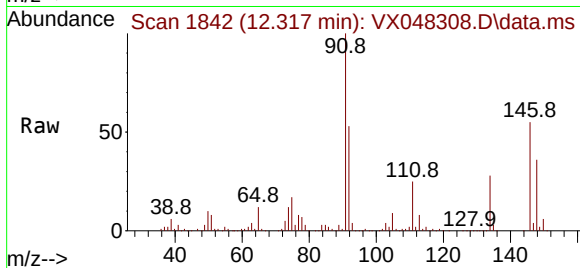
201 77.8 34.1 102.2





#91
1,2-Dichlorobenzene
Concen: 45.560 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

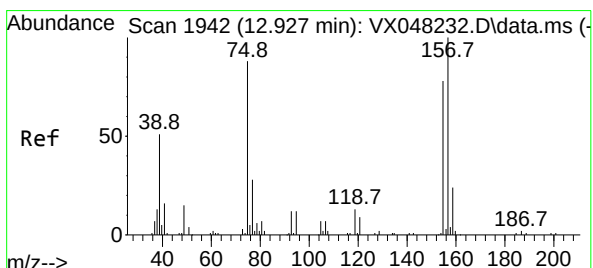
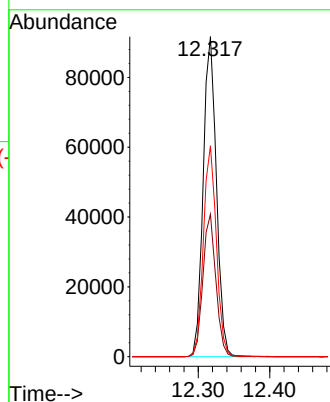
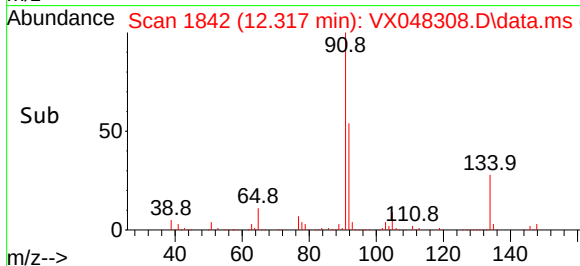
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 117790
Ion Ratio Lower Upper
146 100
111 43.7 21.9 65.5
148 64.7 31.9 95.5

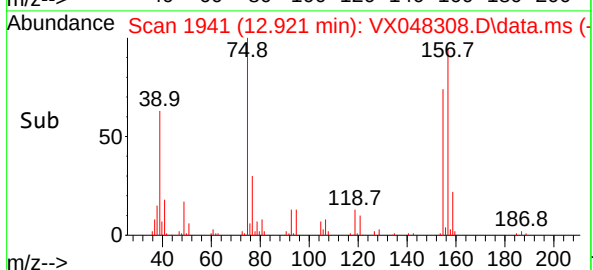
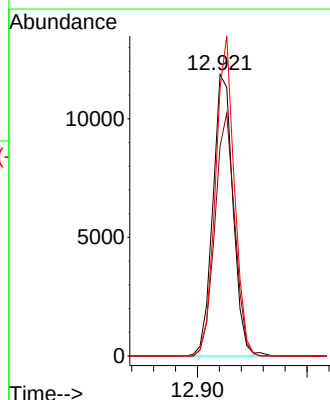
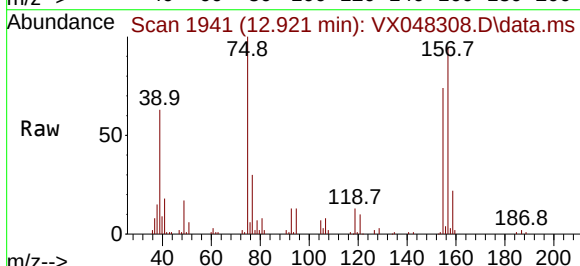
Manual Integrations
APPROVED

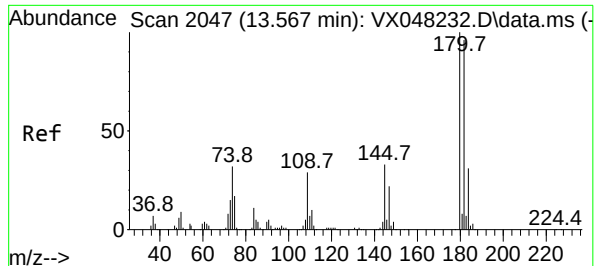
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.953 ug/l
RT: 12.921 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 75 Resp: 15163
Ion Ratio Lower Upper
75 100
155 84.9 42.8 128.4
157 105.9 54.2 162.6





#93

1,2,4-Trichlorobenzene

Concen: 46.736 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 8171

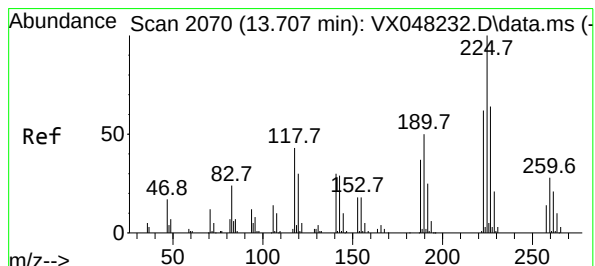
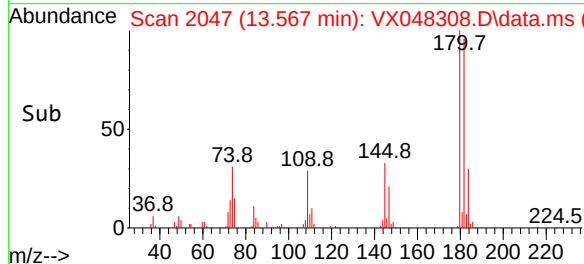
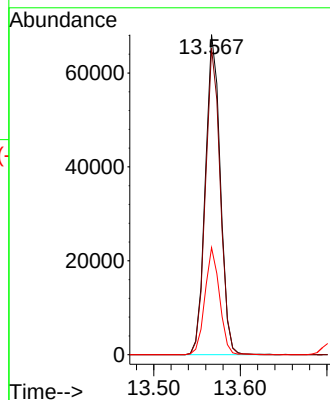
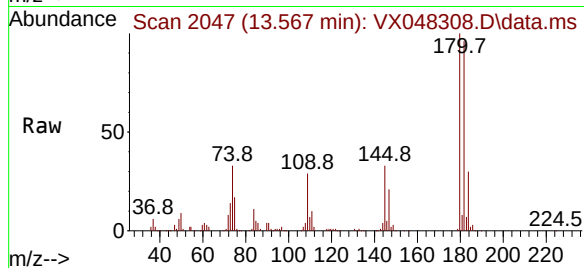
Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.3	142.0
145	32.7	16.3	48.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#94

Hexachlorobutadiene

Concen: 49.279 ug/l

RT: 13.707 min Scan# 2070

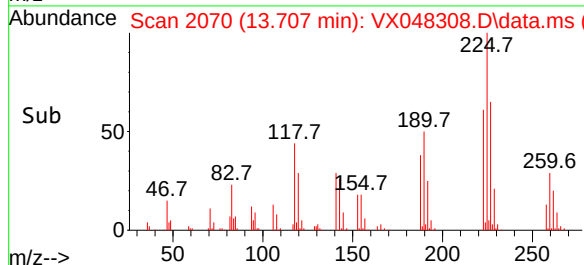
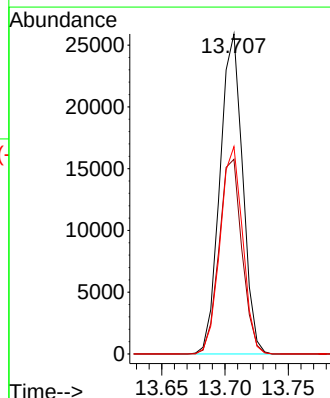
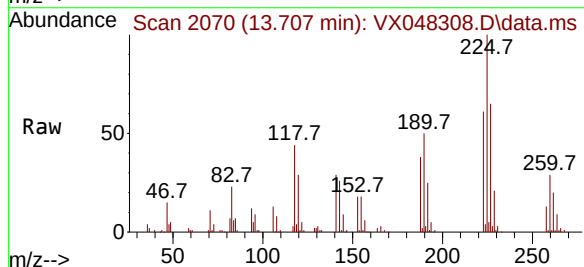
Delta R.T. 0.006 min

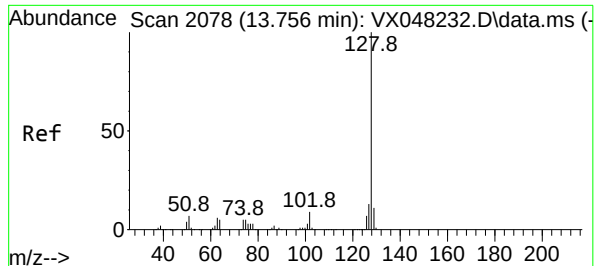
Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Tgt Ion:225 Resp: 32287

Ion	Ratio	Lower	Upper
225	100		
223	61.6	32.6	97.7
227	64.2	32.5	97.4





#95

Naphthalene

Concen: 47.634 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 220659

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

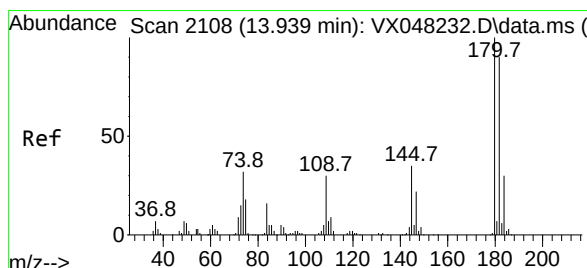
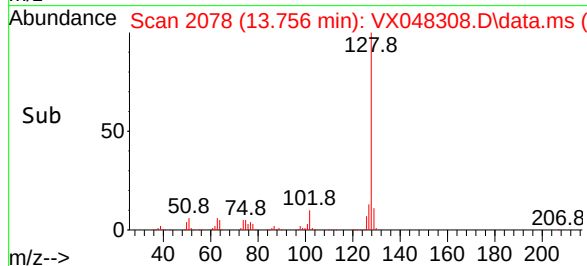
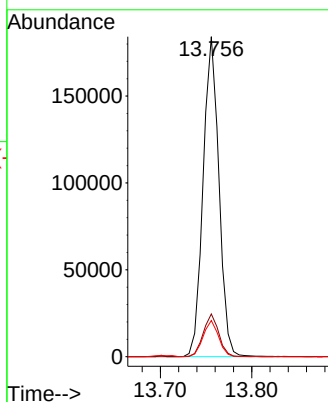
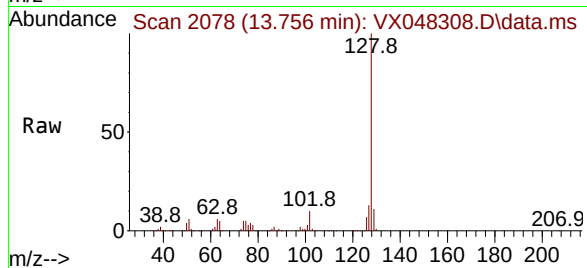
129 11.1 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#96

1,2,3-Trichlorobenzene

Concen: 47.178 ug/l

RT: 13.939 min Scan# 2108

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

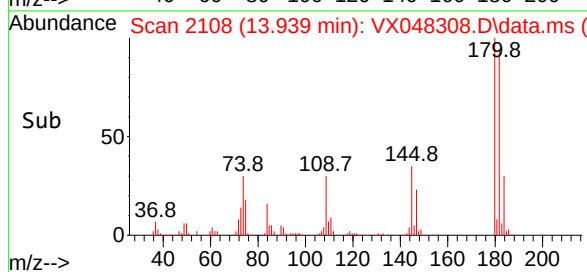
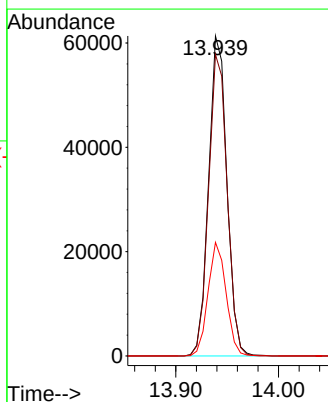
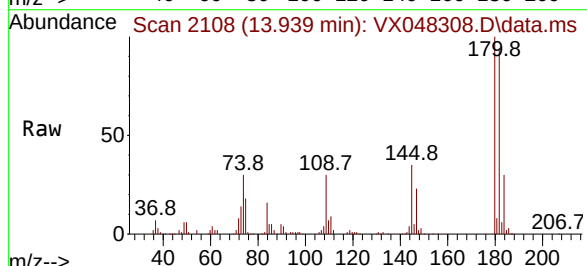
Tgt Ion:180 Resp: 75696

Ion Ratio Lower Upper

180 100

182 95.8 46.6 139.7

145 35.1 16.9 50.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
 Data File : VX048308.D
 Acq On : 22 Oct 2025 18:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 24 05:58:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 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	133	0.00
2 T	Dichlorodifluoromethane	0.514	0.399	22.4	110	0.00
3 P	Chloromethane	0.480	0.227	52.7#	67	0.00
4 C	Vinyl Chloride	0.444	0.551	-24.1#	176#	0.00
5 T	Bromomethane	0.302	0.195	35.4#	92	0.00
6 T	Chloroethane	0.261	0.341	-30.7#	184#	0.00
7 T	Trichlorofluoromethane	0.852	0.884	-3.8	146	0.00
8 T	Diethyl Ether	0.240	0.324	-35.0#	194#	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.540	0.363	32.8#	96	0.00
10 T	Methyl Iodide	0.678	1.095	-61.5#	220#	0.00
11 T	Tert butyl alcohol	0.070	0.039	44.3#	84	0.00
12 CM	1,1-Dichloroethene	0.525	0.380	27.6#	104	0.00
13 T	Acrolein	0.071	0.090	-26.8#	183#	0.00
14 T	Allyl chloride	0.872	0.482	44.7#	80	0.00
15 T	Acrylonitrile	0.251	0.139	44.6#	77	0.00
16 T	Acetone	0.240	0.116	51.7#	76	0.00
17 T	Carbon Disulfide	1.654	0.844	49.0#	78	0.00
18 T	Methyl Acetate	0.502	0.359	28.5#	102	0.00
19 T	Methyl tert-butyl Ether	1.791	1.118	37.6#	87	0.00
20 T	Methylene Chloride	0.586	0.346	41.0#	84	0.00
21 T	trans-1,2-Dichloroethene	0.577	0.345	40.2#	86	0.00
22 T	Diisopropyl ether	1.738	1.760	-1.3	141	0.00
23 T	Vinyl Acetate	1.389	1.340	3.5	132	0.00
24 P	1,1-Dichloroethane	1.051	0.669	36.3#	91	0.00
25 T	2-Butanone	0.304	0.276	9.2	130	0.00
26 T	2,2-Dichloropropane	0.949	0.818	13.8	124	0.00
27 T	cis-1,2-Dichloroethene	0.673	0.660	1.9	140	0.00
28 T	Bromochloromethane	0.436	0.453	-3.9	137	0.00
29 T	Tetrahydrofuran	0.182	0.183	-0.5	142	0.00
30 C	Chloroform	1.123	1.031	8.2#	131	0.00
31 T	Cyclohexane	0.870	0.868	0.2	141	0.00
32 T	1,1,1-Trichloroethane	1.035	0.922	10.9	126	0.00
33 S	1,2-Dichloroethane-d4	0.701	0.593	15.4	116	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	130	0.00
35 S	Dibromofluoromethane	0.341	0.295	13.5	116	0.00
36 T	1,1-Dichloropropene	0.485	0.440	9.3	132	0.00
37 T	Ethyl Acetate	0.402	0.441	-9.7	156#	0.00
38 T	Carbon Tetrachloride	0.599	0.488	18.5	114	0.00
39 T	Methylcyclohexane	0.573	0.544	5.1	131	0.00
40 TM	Benzene	1.409	1.296	8.0	129	0.00
41 T	Methacrylonitrile	0.211	0.215	-1.9	137	0.00
42 TM	1,2-Dichloroethane	0.520	0.475	8.7	123	0.00
43 T	Isopropyl Acetate	0.661	0.686	-3.8	140	0.00
44 TM	Trichloroethene	0.372	0.354	4.8	132	0.00
45 C	1,2-Dichloropropane	0.335	0.337	-0.6#	136	0.00
46 T	Dibromomethane	0.261	0.235	10.0	124	0.00
47 T	Bromodichloromethane	0.563	0.500	11.2	121	0.00
48 T	Methyl methacrylate	0.333	0.320	3.9	129	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
 Data File : VX048308.D
 Acq On : 22 Oct 2025 18:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 24 05:58:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.004	0.004	0.0	113	0.00
50 S	Toluene-d8	1.196	1.171	2.1	128	0.00
51 T	4-Methyl-2-Pentanone	0.381	0.395	-3.7	136	0.00
52 CM	Toluene	0.895	0.865	3.4#	130	0.00
53 T	t-1,3-Dichloropropene	0.543	0.472	13.1	113	0.00
54 T	cis-1,3-Dichloropropene	0.586	0.502	14.3	114	0.00
55 T	1,1,2-Trichloroethane	0.333	0.256	23.1	104	0.00
56 T	Ethyl methacrylate	0.487	0.438	10.1	116	0.00
57 T	1,3-Dichloropropane	0.568	0.362	36.3#	86	0.00
58 T	2-Chloroethyl Vinyl ether	0.232	0.267	-15.1	134	0.00
59 T	2-Hexanone	0.266	0.161	39.5#	79	0.00
60 T	Dibromochloromethane	0.447	0.267	40.3#	82	0.00
61 T	1,2-Dibromoethane	0.355	0.220	38.0#	84	0.00
62 S	4-Bromofluorobenzene	0.455	0.303	33.4#	89	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.00
64 T	Tetrachloroethene	0.373	0.382	-2.4	102	0.00
65 PM	Chlorobenzene	1.125	1.011	10.1	85	0.00
66 T	1,1,1,2-Tetrachloroethane	0.413	0.379	8.2	86	0.00
67 C	Ethyl Benzene	1.915	1.755	8.4#	85	0.00
68 T	m/p-Xylenes	0.712	0.668	6.2	86	0.00
69 T	o-Xylene	0.687	0.634	7.7	84	0.00
70 T	Styrene	1.170	1.094	6.5	84	0.00
71 P	Bromoform	0.330	0.278	15.8	79	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	86	0.00
73 T	Isopropylbenzene	3.652	3.511	3.9	88	0.00
74 T	N-amyl acetate	1.295	1.181	8.8	81	0.00
75 P	1,1,2,2-Tetrachloroethane	0.997	0.878	11.9	80	0.00
76 T	1,2,3-Trichloropropane	0.811	0.823	-1.5	96	0.00
77 T	Bromobenzene	0.916	0.882	3.7	88	0.00
78 T	n-propylbenzene	4.228	4.039	4.5	87	0.00
79 T	2-Chlorotoluene	2.564	2.418	5.7	87	0.00
80 T	1,3,5-Trimethylbenzene	3.022	2.906	3.8	87	0.00
81 T	trans-1,4-Dichloro-2-butene	0.333	0.219	34.2#	60	0.00
82 T	4-Chlorotoluene	3.043	2.841	6.6	85	0.00
83 T	tert-Butylbenzene	3.105	2.868	7.6	85	0.00
84 T	1,2,4-Trimethylbenzene	3.016	2.885	4.3	87	0.00
85 T	sec-Butylbenzene	3.736	3.426	8.3	85	0.00
86 T	p-Isopropyltoluene	3.229	3.019	6.5	87	0.00
87 T	1,3-Dichlorobenzene	1.726	1.536	11.0	85	0.00
88 T	1,4-Dichlorobenzene	1.788	1.570	12.2	86	0.00
89 T	n-Butylbenzene	2.939	2.626	10.6	86	0.00
90 T	Hexachloroethane	0.638	0.474	25.7#	72	0.00
91 T	1,2-Dichlorobenzene	1.621	1.477	8.9	85	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.202	0.190	5.9	84	0.00
93 T	1,2,4-Trichlorobenzene	1.096	1.025	6.5	92	0.00
94 T	Hexachlorobutadiene	0.507	0.405	20.1	93	0.00
95 T	Naphthalene	2.904	2.766	4.8	86	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048308.D
Acq On : 22 Oct 2025 18:36
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 24 05:58:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.006	0.949	5.7	90	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
 Data File : VX048308.D
 Acq On : 22 Oct 2025 18:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 24 05:58:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 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	133	0.00
2 T	Dichlorodifluoromethane	50.000	38.824	22.4	110	0.00
3 P	Chloromethane	50.000	23.638	52.7#	67	0.00
4 C	Vinyl Chloride	50.000	62.022	-24.0#	176	0.00
5 T	Bromomethane	50.000	32.356	35.3#	92	0.00
6 T	Chloroethane	50.000	65.362	-30.7#	184	0.00
7 T	Trichlorofluoromethane	50.000	51.880	-3.8	146	0.00
8 T	Diethyl Ether	50.000	67.517	-35.0#	194	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	33.597	32.8#	96	0.00
10 T	Methyl Iodide	50.000	80.726	-61.5#	220	0.00
11 T	Tert butyl alcohol	250.000	140.093	44.0#	84	0.00
12 CM	1,1-Dichloroethene	50.000	36.180	27.6#	104	0.00
13 T	Acrolein	250.000	315.647	-26.3#	183	0.00
14 T	Allyl chloride	50.000	27.644	44.7#	80	0.00
15 T	Acrylonitrile	250.000	138.075	44.8#	77	0.00
16 T	Acetone	250.000	120.131	51.9#	76	0.00
17 T	Carbon Disulfide	50.000	25.495	49.0#	78	0.00
18 T	Methyl Acetate	50.000	35.728	28.5#	102	0.00
19 T	Methyl tert-butyl Ether	50.000	31.207	37.6#	87	0.00
20 T	Methylene Chloride	50.000	29.518	41.0#	84	0.00
21 T	trans-1,2-Dichloroethene	50.000	29.957	40.1#	86	0.00
22 T	Diisopropyl ether	50.000	50.635	-1.3	141	0.00
23 T	Vinyl Acetate	250.000	241.211	3.5	132	0.00
24 P	1,1-Dichloroethane	50.000	31.824	36.4#	91	0.00
25 T	2-Butanone	250.000	226.319	9.5	130	0.00
26 T	2,2-Dichloropropane	50.000	43.131	13.7	124	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.014	2.0	140	0.00
28 T	Bromochloromethane	50.000	51.950	-3.9	137	0.00
29 T	Tetrahydrofuran	250.000	250.563	-0.2	142	0.00
30 C	Chloroform	50.000	45.928	8.1#	131	0.00
31 T	Cyclohexane	50.000	49.868	0.3	141	0.00
32 T	1,1,1-Trichloroethane	50.000	44.558	10.9	126	0.00
33 S	1,2-Dichloroethane-d4	50.000	42.315	15.4	116	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	130	0.00
35 S	Dibromofluoromethane	50.000	43.158	13.7	116	0.00
36 T	1,1-Dichloropropene	50.000	45.375	9.3	132	0.00
37 T	Ethyl Acetate	50.000	54.827	-9.7	156	0.00
38 T	Carbon Tetrachloride	50.000	40.741	18.5	114	0.00
39 T	Methylcyclohexane	50.000	47.470	5.1	131	0.00
40 TM	Benzene	50.000	46.000	8.0	129	0.00
41 T	Methacrylonitrile	50.000	51.006	-2.0	137	0.00
42 TM	1,2-Dichloroethane	50.000	45.697	8.6	123	0.00
43 T	Isopropyl Acetate	50.000	51.932	-3.9	140	0.00
44 TM	Trichloroethene	50.000	47.655	4.7	132	0.00
45 C	1,2-Dichloropropane	50.000	50.369	-0.7#	136	0.00
46 T	Dibromomethane	50.000	45.095	9.8	124	0.00
47 T	Bromodichloromethane	50.000	44.420	11.2	121	0.00
48 T	Methyl methacrylate	50.000	48.050	3.9	129	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
 Data File : VX048308.D
 Acq On : 22 Oct 2025 18:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 24 05:58:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 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	879.716	12.0	113	0.00
50 S	Toluene-d8	50.000	48.945	2.1	128	0.00
51 T	4-Methyl-2-Pentanone	250.000	259.006	-3.6	136	0.00
52 CM	Toluene	50.000	48.329	3.3#	130	0.00
53 T	t-1,3-Dichloropropene	50.000	43.501	13.0	113	0.00
54 T	cis-1,3-Dichloropropene	50.000	42.840	14.3	114	0.00
55 T	1,1,2-Trichloroethane	50.000	38.524	23.0	104	0.00
56 T	Ethyl methacrylate	50.000	44.971	10.1	116	0.00
57 T	1,3-Dichloropropane	50.000	31.867	36.3#	86	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	255.410	-2.2	134	0.00
59 T	2-Hexanone	250.000	151.826	39.3#	79	0.00
60 T	Dibromochloromethane	50.000	29.838	40.3#	82	0.00
61 T	1,2-Dibromoethane	50.000	31.036	37.9#	84	0.00
62 S	4-Bromofluorobenzene	50.000	33.314	33.4#	89	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	88	0.00
64 T	Tetrachloroethene	50.000	51.141	-2.3	102	0.00
65 PM	Chlorobenzene	50.000	44.931	10.1	85	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	45.916	8.2	86	0.00
67 C	Ethyl Benzene	50.000	45.820	8.4#	85	0.00
68 T	m/p-Xylenes	100.000	93.917	6.1	86	0.00
69 T	o-Xylene	50.000	46.180	7.6	84	0.00
70 T	Styrene	50.000	46.785	6.4	84	0.00
71 P	Bromoform	50.000	42.089	15.8	79	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	86	0.00
73 T	Isopropylbenzene	50.000	48.063	3.9	88	0.00
74 T	N-ethyl acetate	50.000	45.596	8.8	81	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	44.003	12.0	80	0.00
76 T	1,2,3-Trichloropropane	50.000	50.768	-1.5	96	0.00
77 T	Bromobenzene	50.000	48.168	3.7	88	0.00
78 T	n-propylbenzene	50.000	47.765	4.5	87	0.00
79 T	2-Chlorotoluene	50.000	47.160	5.7	87	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.075	3.8	87	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	32.856	34.3#	60	0.00
82 T	4-Chlorotoluene	50.000	46.681	6.6	85	0.00
83 T	tert-Butylbenzene	50.000	46.177	7.6	85	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.822	4.4	87	0.00
85 T	sec-Butylbenzene	50.000	45.855	8.3	85	0.00
86 T	p-Isopropyltoluene	50.000	46.741	6.5	87	0.00
87 T	1,3-Dichlorobenzene	50.000	44.479	11.0	85	0.00
88 T	1,4-Dichlorobenzene	50.000	43.891	12.2	86	0.00
89 T	n-Butylbenzene	50.000	44.679	10.6	86	0.00
90 T	Hexachloroethane	50.000	37.170	25.7#	72	0.00
91 T	1,2-Dichlorobenzene	50.000	45.560	8.9	85	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.953	6.1	84	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.736	6.5	92	0.00
94 T	Hexachlorobutadiene	50.000	49.279	1.4	93	0.00
95 T	Naphthalene	50.000	47.634	4.7	86	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048308.D
Acq On : 22 Oct 2025 18:36
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 24 05:58:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 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	47.178	5.6	90	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6



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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>ICES02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3399</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>10/24/2025 09:16</u>
Lab File ID:	<u>VX048339.D</u>	Init. Calib. Date(s):	<u>10/20/2025 10/20/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>10:59 13:49</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Vinyl Chloride	0.444	0.627		41.22	20
1,1-Dichloroethene	0.525	0.572		8.95	20
2-Butanone	0.304	0.271		-10.85	20
Carbon Tetrachloride	0.599	0.550		-8.18	20
Chloroform	1.123	1.261		12.29	20
Benzene	1.409	1.480		5.04	20
1,2-Dichloroethane	0.520	0.592		13.85	20
Trichloroethene	0.372	0.374		0.54	20
Tetrachloroethene	0.373	0.372		-0.27	20
Chlorobenzene	1.125	1.142	0.3	1.51	20
1,2-Dichloroethane-d4	0.701	0.754		7.56	20
Dibromofluoromethane	0.341	0.277		-18.77	20
Toluene-d8	1.196	1.133		-5.27	20
4-Bromofluorobenzene	0.455	0.434		-4.61	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
 Data File : VX048339.D
 Acq On : 24 Oct 2025 09:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/27/2025
 Supervised By : Mahesh Dadoda 10/27/2025

Quant Time: Oct 24 22:59:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	125053	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	210685	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	187763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	93479	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	94250	53.755	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.500%			
35) Dibromofluoromethane	5.367	113	58414	40.612	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 81.220%			
50) Toluene-d8	8.628	98	238621	47.331	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.660%			
62) 4-Bromofluorobenzene	11.061	95	91425	47.668	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.340%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	59098	45.970	ug/l	96
3) Chloromethane	1.300	50	28679	23.900	ug/l	98
4) Vinyl Chloride	1.380	62	78438	70.590	ug/l	99
5) Bromomethane	1.611	94	30849	40.909	ug/l	96
6) Chloroethane	1.691	64	48125	73.704	ug/l	96
7) Trichlorofluoromethane	1.892	101	135485	63.576	ug/l	97
8) Diethyl Ether	2.130	74	49757	82.980	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	74958	55.546	ug/l	99
10) Methyl Iodide	2.453	142	278558	164.198	ug/l	99
11) Tert butyl alcohol	2.934	59	42499	244.130	ug/l	98
12) 1,1-Dichloroethene	2.325	96	71588	54.527	ug/l	96
13) Acrolein	2.233	56	70039	394.484	ug/l	99
14) Allyl chloride	2.660	41	126613	58.086	ug/l	96
15) Acrylonitrile	3.050	53	180209	287.081	ug/l	99
16) Acetone	2.367	43	102142	169.814	ug/l	94
17) Carbon Disulfide	2.514	76	196078	47.388	ug/l	99
18) Methyl Acetate	2.697	43	78123	62.192	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	262138	58.527	ug/l	97
20) Methylene Chloride	2.788	84	80635	55.018	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	77229	53.552	ug/l	98
22) Diisopropyl ether	3.745	45	280059	64.418	ug/l	96
23) Vinyl Acetate	3.709	43	987789	284.432	ug/l	100
24) 1,1-Dichloroethane	3.599	63	148111	56.341	ug/l	98
25) 2-Butanone	4.532	43	169634	222.811	ug/l	98
26) 2,2-Dichloropropane	4.458	77	128101	53.987	ug/l	99
27) cis-1,2-Dichloroethene	4.471	96	93213	55.383	ug/l	97
28) Bromochloromethane	4.879	49	62840	57.651	ug/l	98
29) Tetrahydrofuran	4.977	42	129863	284.809	ug/l	99
30) Chloroform	5.074	83	157726	56.158	ug/l	97
31) Cyclohexane	5.452	56	121074	55.630	ug/l	97
32) 1,1,1-Trichloroethane	5.367	97	135402	52.310	ug/l	98
36) 1,1-Dichloropropene	5.678	75	102532	50.154	ug/l	98
37) Ethyl Acetate	4.684	43	92982	54.873	ug/l	99
38) Carbon Tetrachloride	5.659	117	115868	45.939	ug/l	99
39) Methylcyclohexane	7.360	83	122210	50.618	ug/l	95
40) Benzene	6.019	78	311870	52.544	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
 Data File : VX048339.D
 Acq On : 24 Oct 2025 09:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/27/2025
 Supervised By :Mahesh Dadoda 10/27/2025

Quant Time: Oct 24 22:59:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.897	41	50795	57.081	ug/l	96
42) 1,2-Dichloroethane	6.068	62	124623	56.900	ug/l	99
43) Isopropyl Acetate	6.318	43	163763	58.836	ug/l	99
44) Trichloroethene	7.104	130	78753	50.249	ug/l	97
45) 1,2-Dichloropropane	7.409	63	79649	56.442	ug/l	100
46) Dibromomethane	7.562	93	59016	53.679	ug/l	98
47) Bromodichloromethane	7.805	83	125556	52.892	ug/l	98
48) Methyl methacrylate	7.671	41	83235	59.262	ug/l	98
49) 1,4-Dioxane	7.641	88	18307	986.597	ug/l	96
51) 4-Methyl-2-Pentanone	8.555	43	456649	284.549	ug/l	100
52) Toluene	8.702	92	193684	51.366	ug/l	100
53) t-1,3-Dichloropropene	8.958	75	117418	51.329	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	120526	48.835	ug/l	98
55) 1,1,2-Trichloroethane	9.134	97	75795	54.053	ug/l	99
56) Ethyl methacrylate	9.098	69	112858	55.026	ug/l	95
57) 1,3-Dichloropropane	9.293	76	129442	54.042	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.226	63	330441	299.294	ug/l	99
59) 2-Hexanone	9.415	43	287437	256.864	ug/l	100
60) Dibromochloromethane	9.500	129	91979	48.803	ug/l	100
61) 1,2-Dibromoethane	9.592	107	78094	52.241	ug/l	98
64) Tetrachloroethene	9.256	164	69934	49.893	ug/l	99
65) Chlorobenzene	10.061	112	214381	50.756	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	77036	49.657	ug/l	100
67) Ethyl Benzene	10.177	91	368764	51.279	ug/l	98
68) m/p-Xylenes	10.281	106	279654	104.665	ug/l	100
69) o-Xylene	10.622	106	135450	52.509	ug/l	100
70) Styrene	10.634	104	236042	53.739	ug/l	99
71) Bromoform	10.780	173	58125	46.878	ug/l #	97
73) Isopropylbenzene	10.945	105	349236	51.150	ug/l	100
74) N-amyl acetate	10.823	43	146738	60.589	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	95793	51.376	ug/l	98
76) 1,2,3-Trichloropropane	11.219	75	77740m	51.283	ug/l	
77) Bromobenzene	11.177	156	88538	51.716	ug/l	99
78) n-propylbenzene	11.287	91	420413	53.181	ug/l	100
79) 2-Chlorotoluene	11.347	91	249581	52.073	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	289432	51.224	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	22416	35.976	ug/l #	66
82) 4-Chlorotoluene	11.433	91	298685	52.497	ug/l	99
83) tert-Butylbenzene	11.695	119	290306	50.006	ug/l	100
84) 1,2,4-Trimethylbenzene	11.732	105	291688	51.728	ug/l	100
85) sec-Butylbenzene	11.872	105	355586	50.910	ug/l	100
86) p-Isopropyltoluene	11.988	119	300777	49.821	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	161594	50.069	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	164145	49.095	ug/l	99
89) n-Butylbenzene	12.311	91	279165	50.804	ug/l	100
90) Hexachloroethane	12.518	117	52745	44.242	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	152380	50.288	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	19444	51.374	ug/l	91
93) 1,2,4-Trichlorobenzene	13.567	180	101730	49.644	ug/l	99
94) Hexachlorobutadiene	13.707	225	37168	48.406	ug/l	98
95) Naphthalene	13.756	128	277956	51.198	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	92908	49.409	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048339.D
Acq On : 24 Oct 2025 09:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

Quant Time: Oct 24 22:59:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

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

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

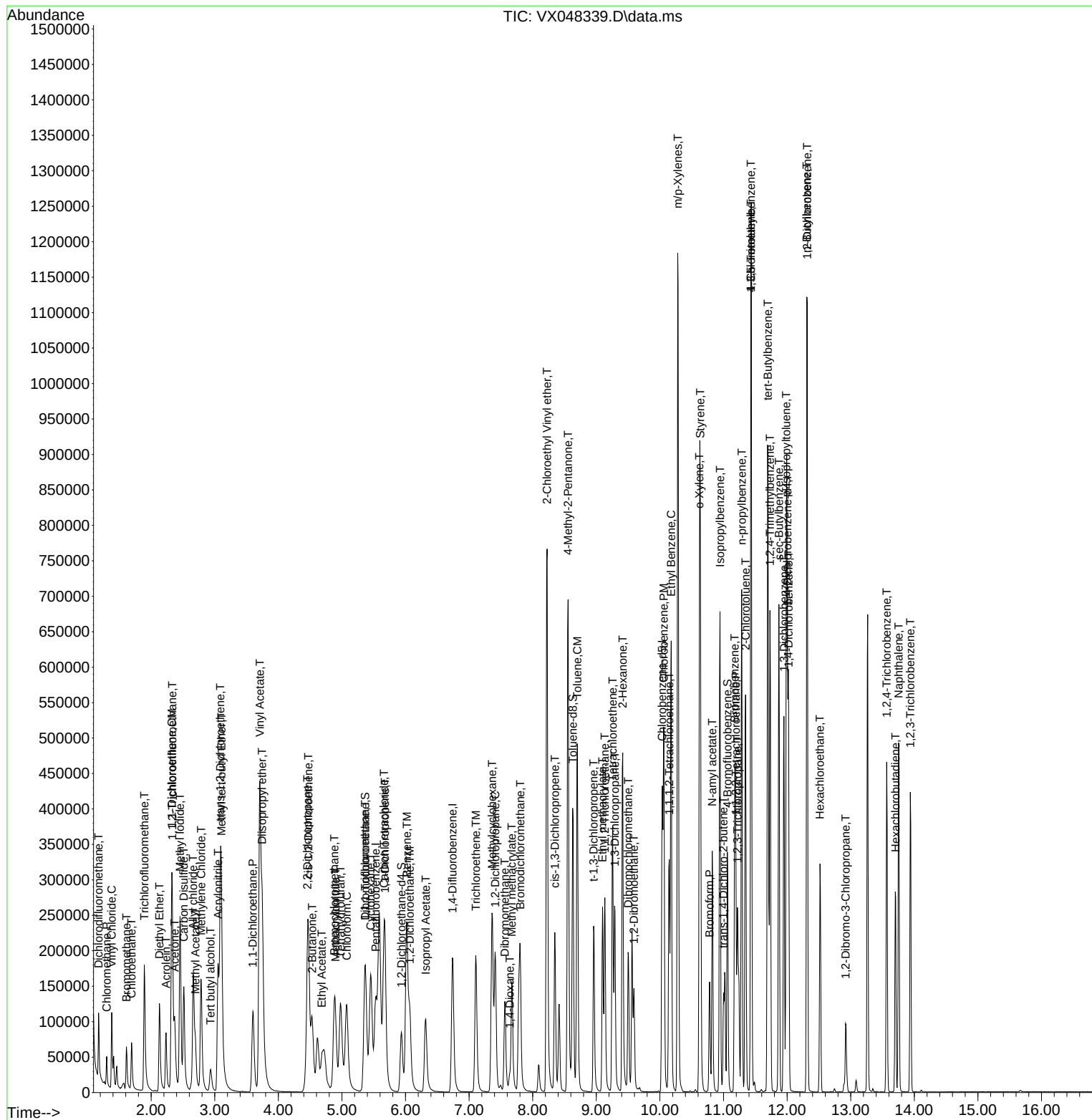
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
 Data File : VX048339.D
 Acq On : 24 Oct 2025 09:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

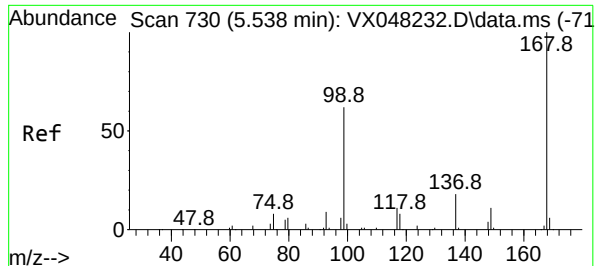
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations APPROVED

Reviewed By : John Carlone 10/27/2025
 Supervised By : Mahesh Dadoda 10/27/2025

Quant Time: Oct 24 22:59:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration





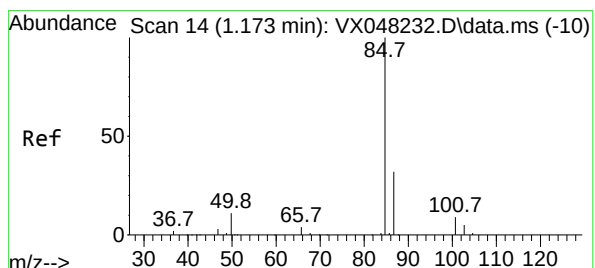
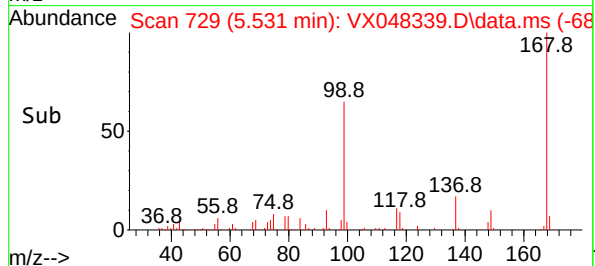
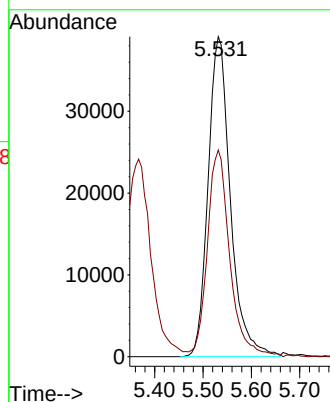
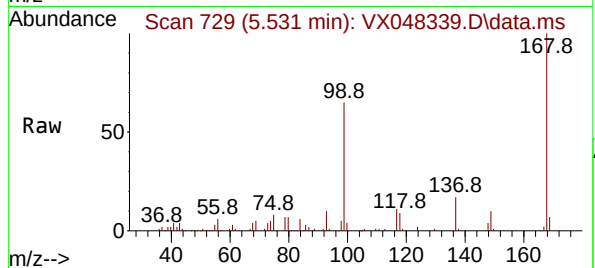
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.013 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 12505
Ion Ratio Lower Upper
168 100
99 63.9 46.4 69.6

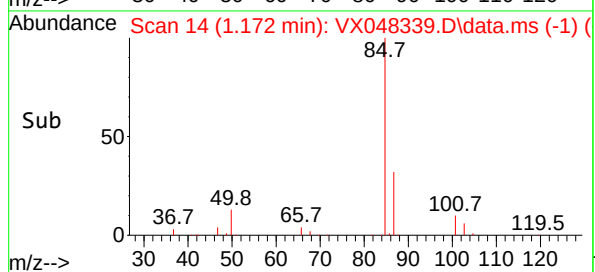
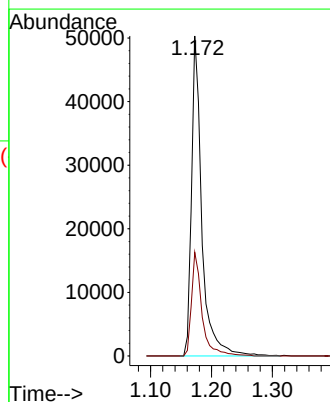
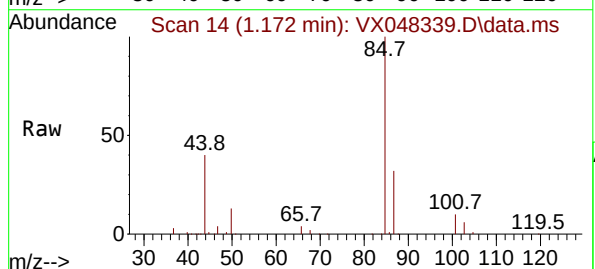
Manual Integrations
APPROVED

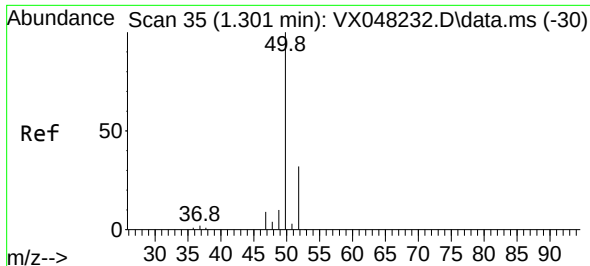
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#2
Dichlorodifluoromethane
Concen: 45.970 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 85 Resp: 59098
Ion Ratio Lower Upper
85 100
87 32.8 15.3 45.9





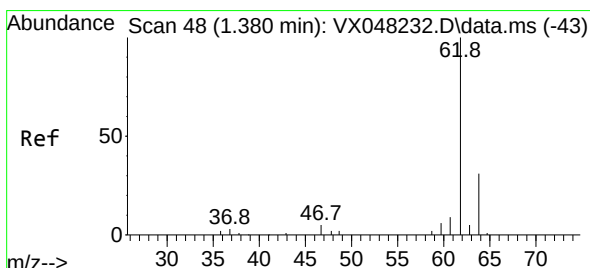
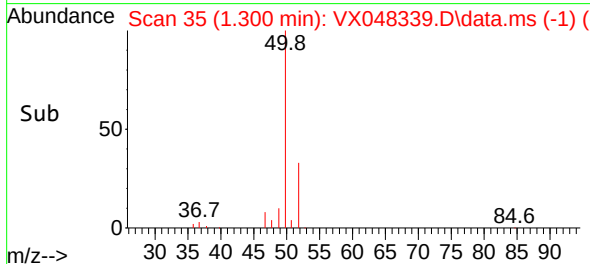
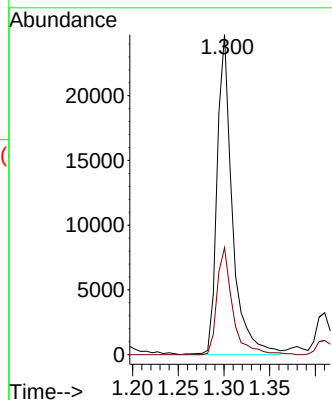
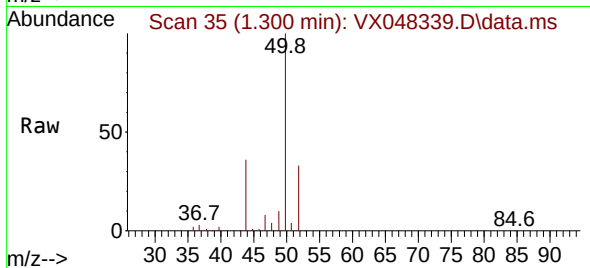
#3
Chloromethane
Concen: 23.900 ug/l
RT: 1.300 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 28679
Ion Ratio Lower Upper
50 100
52 33.4 25.9 38.9

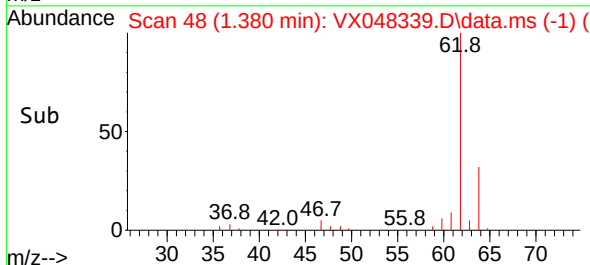
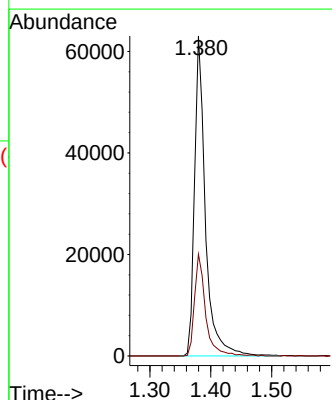
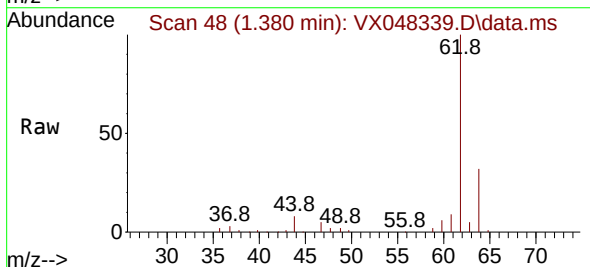
Manual Integrations
APPROVED

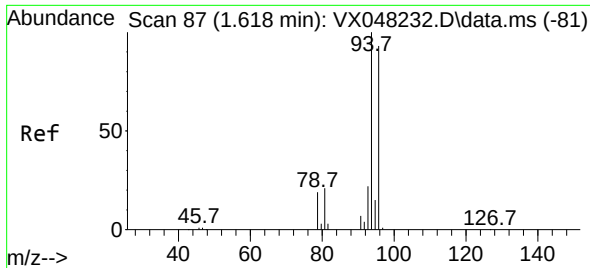
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#4
Vinyl Chloride
Concen: 70.590 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 62 Resp: 78438
Ion Ratio Lower Upper
62 100
64 31.8 25.1 37.7





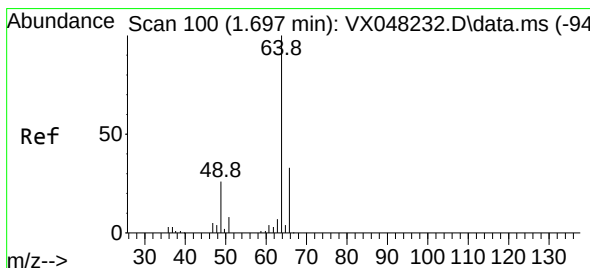
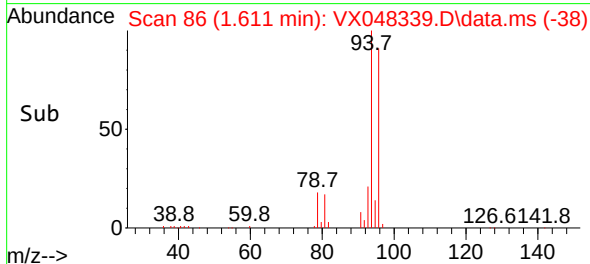
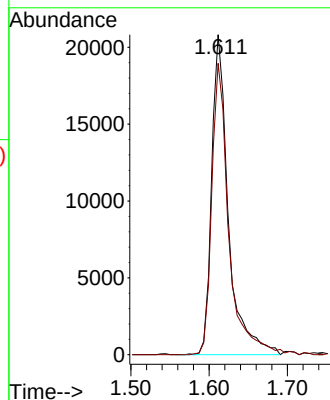
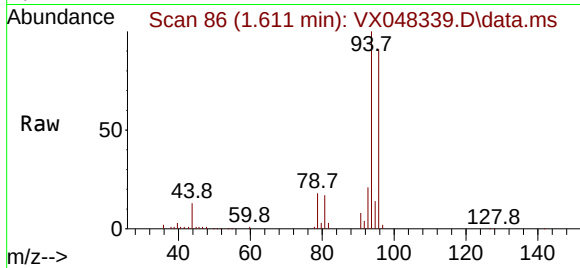
#5
Bromomethane
Concen: 40.909 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 30849
Ion Ratio Lower Upper
94 100
96 91.0 76.0 114.0

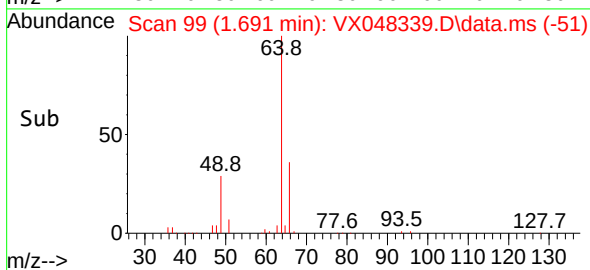
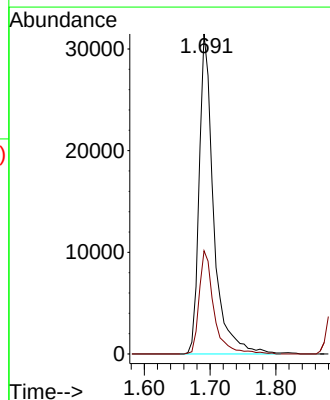
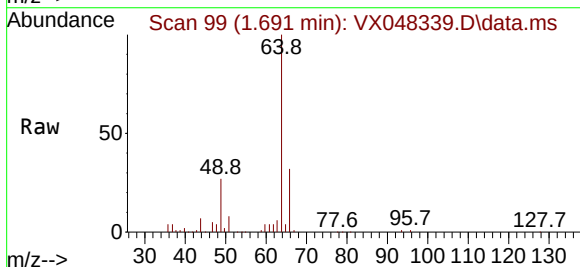
Manual Integrations
APPROVED

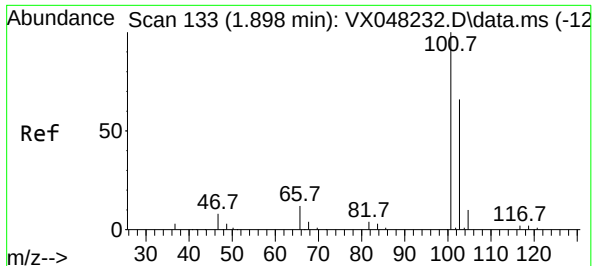
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#6
Chloroethane
Concen: 73.704 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

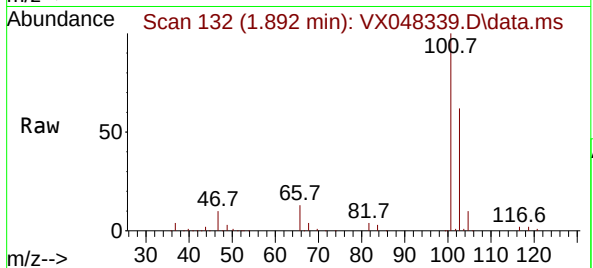
Tgt Ion: 64 Resp: 48125
Ion Ratio Lower Upper
64 100
66 32.3 23.9 35.9





#7
Trichlorofluoromethane
Concen: 63.576 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

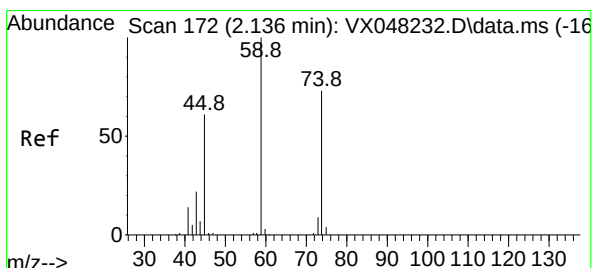
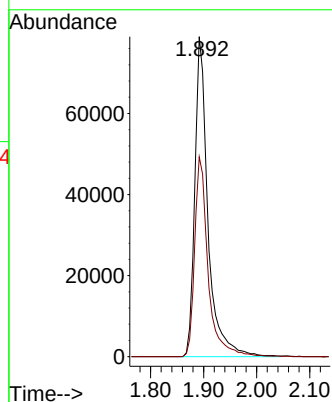
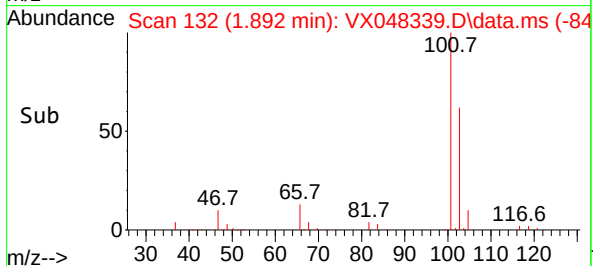
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 13548
Ion Ratio Lower Upper
101 100
103 62.5 51.6 77.4

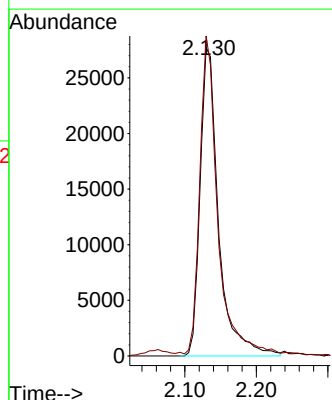
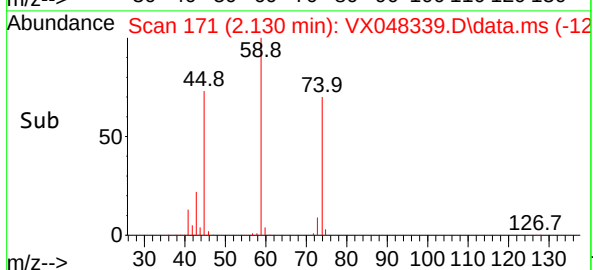
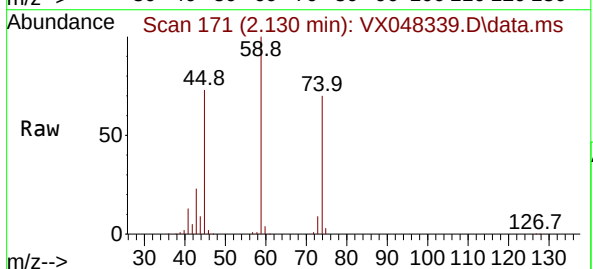
Manual Integrations
APPROVED

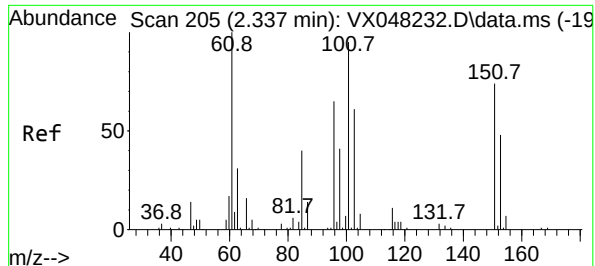
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#8
Diethyl Ether
Concen: 82.980 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

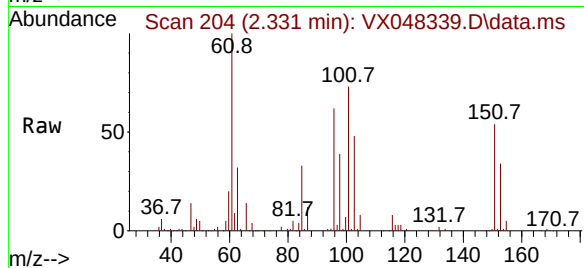
Tgt Ion: 74 Resp: 49757
Ion Ratio Lower Upper
74 100
45 99.3 50.0 149.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.546 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

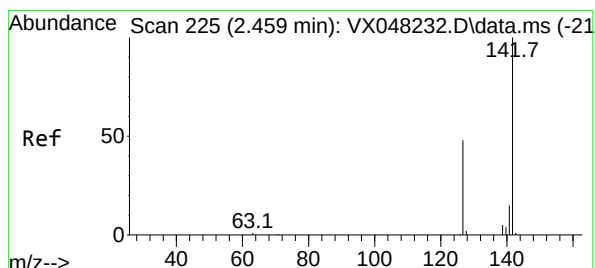
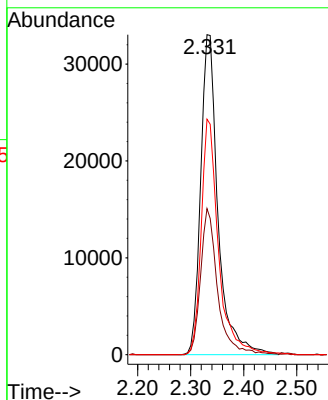
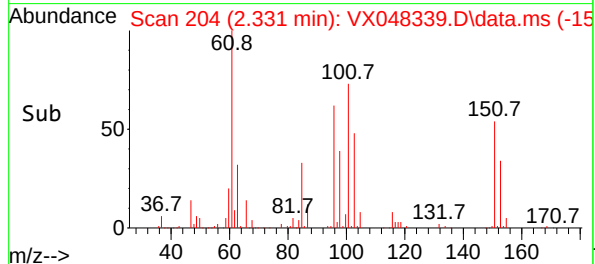
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 74958
Ion Ratio Lower Upper
101 100
85 45.1 35.6 53.4
151 73.7 58.0 87.0

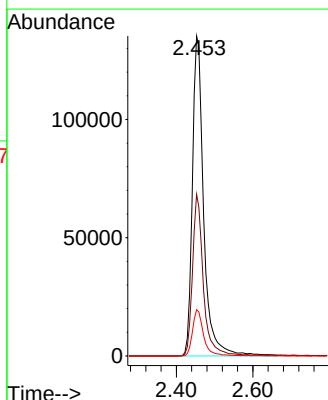
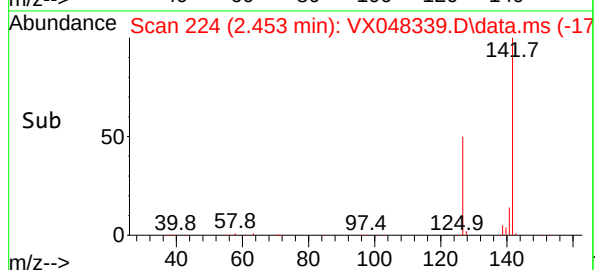
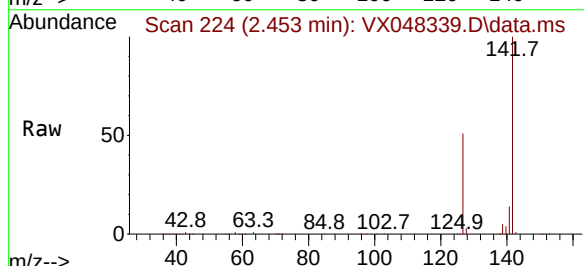
Manual Integrations
APPROVED

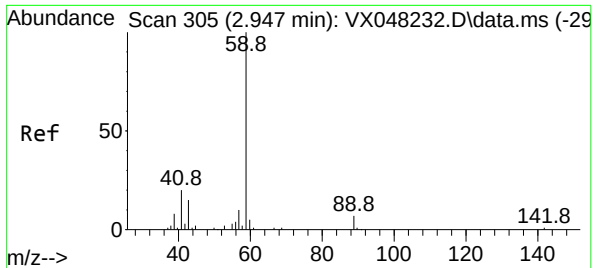
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#10
Methyl Iodide
Concen: 164.198 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:142 Resp: 278558
Ion Ratio Lower Upper
142 100
127 48.6 38.5 57.7
141 14.1 11.6 17.4





#11

Tert butyl alcohol

Concen: 244.130 ug/l

RT: 2.934 min Scan# 305

Delta R.T. -0.006 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 42499

Ion Ratio Lower Upper

59 100

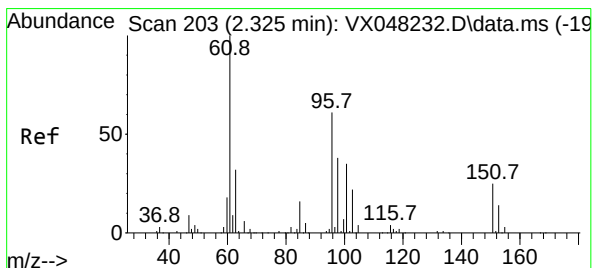
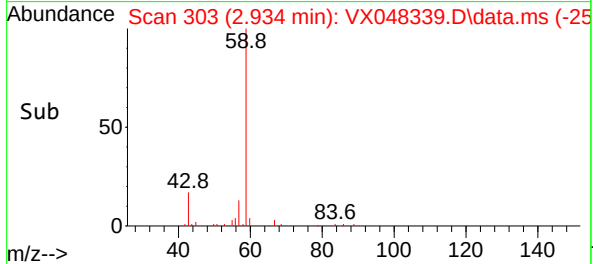
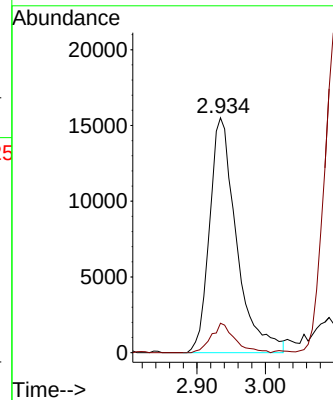
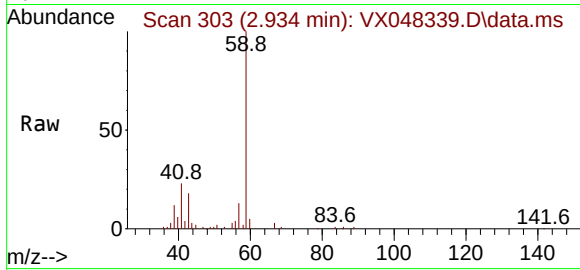
57 10.9 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#12

1,1-Dichloroethene

Concen: 54.527 ug/l

RT: 2.325 min Scan# 203

Delta R.T. -0.000 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

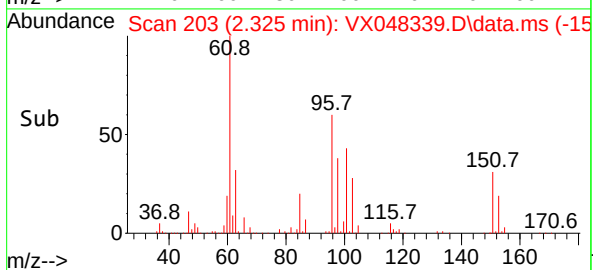
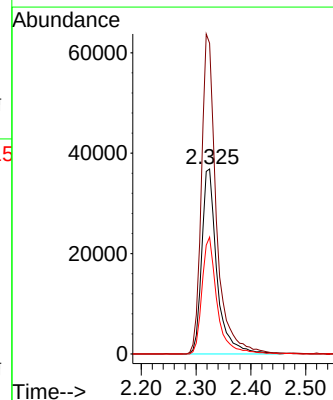
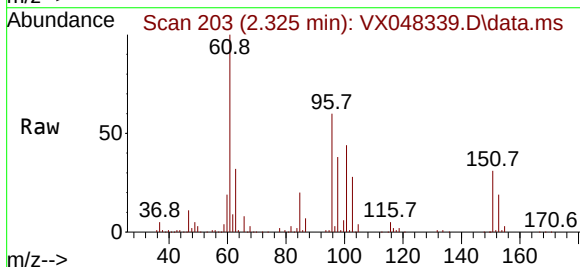
Tgt Ion: 96 Resp: 71588

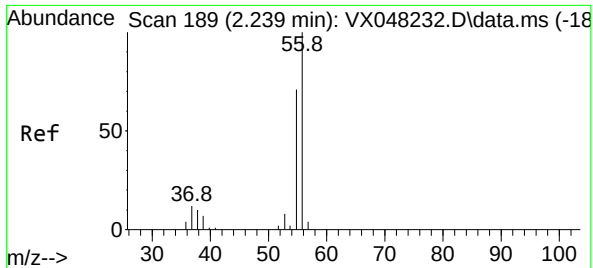
Ion Ratio Lower Upper

96 100

61 168.0 139.0 208.6

98 63.1 52.4 78.6





#13

Acrolein

Concen: 394.484 ug/l

RT: 2.233 min Scan# 189

Delta R.T. -0.000 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 70039

Ion Ratio Lower Upper

56 100

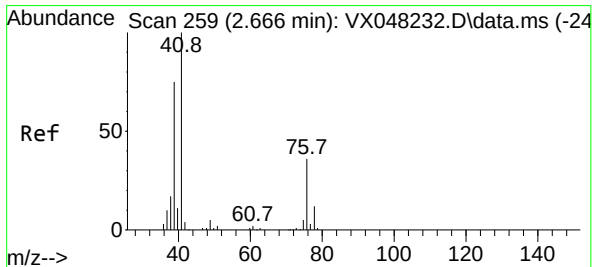
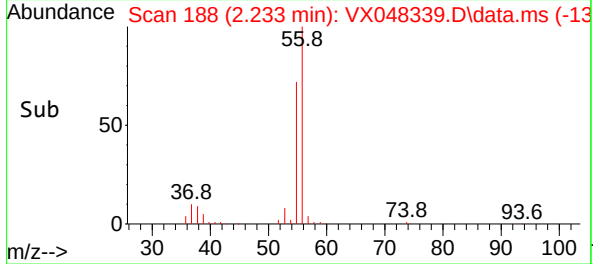
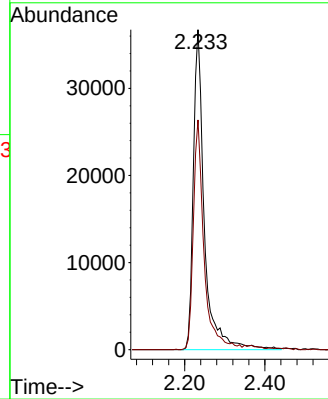
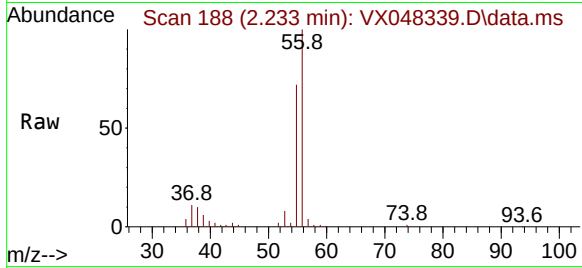
55 69.5 56.1 84.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#14

Allyl chloride

Concen: 58.086 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.006 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

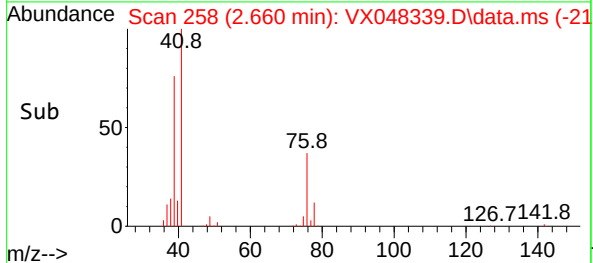
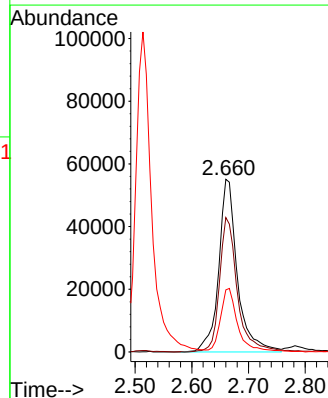
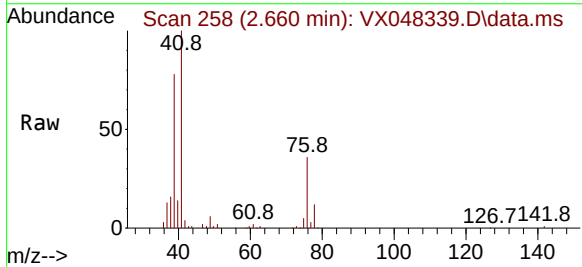
Tgt Ion: 41 Resp: 126613

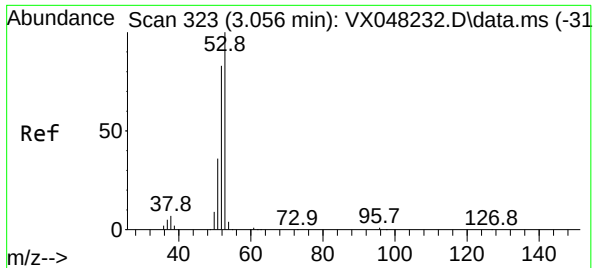
Ion Ratio Lower Upper

41 100

39 74.8 56.0 84.0

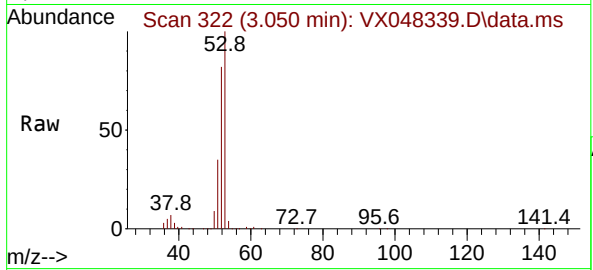
76 34.1 27.5 41.3





#15
Acrylonitrile
Concen: 287.081 ug/l
RT: 3.050 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

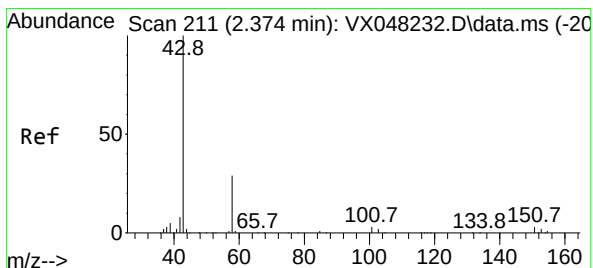
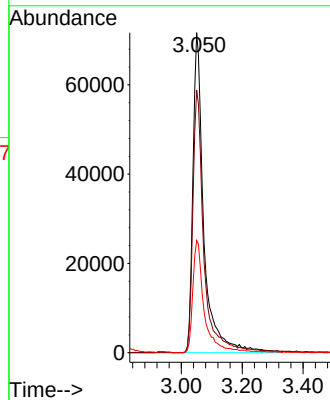
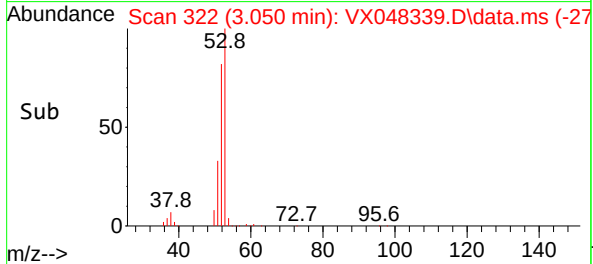
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 180209
Ion Ratio Lower Upper
53 100
52 81.7 66.1 99.1
51 36.9 29.0 43.4

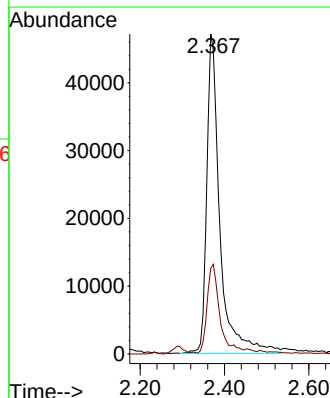
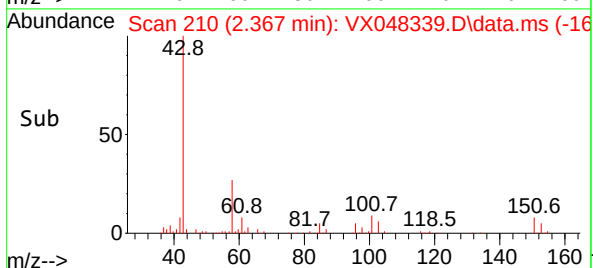
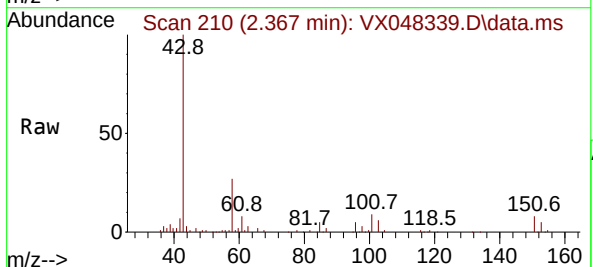
Manual Integrations
APPROVED

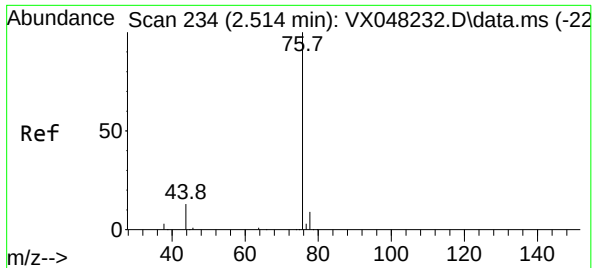
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#16
Acetone
Concen: 169.814 ug/l
RT: 2.367 min Scan# 210
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

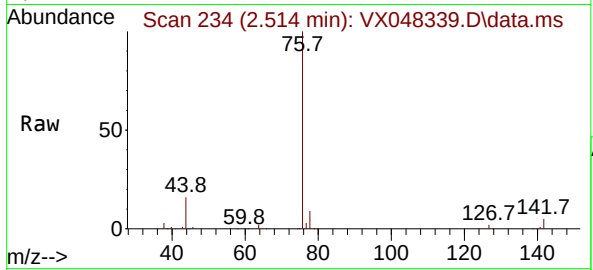
Tgt Ion: 43 Resp: 102142
Ion Ratio Lower Upper
43 100
58 26.3 23.4 35.2





#17
Carbon Disulfide
Concen: 47.388 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

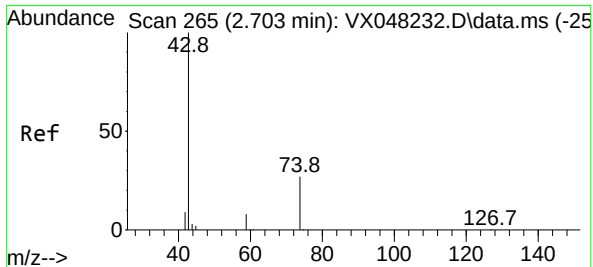
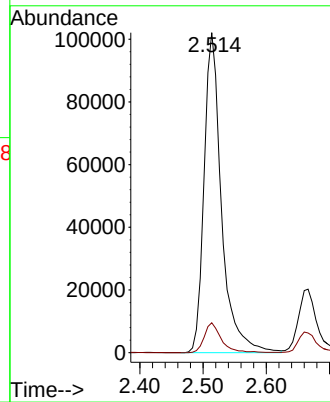
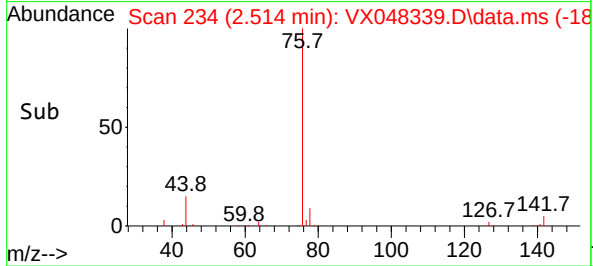
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 196078
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7

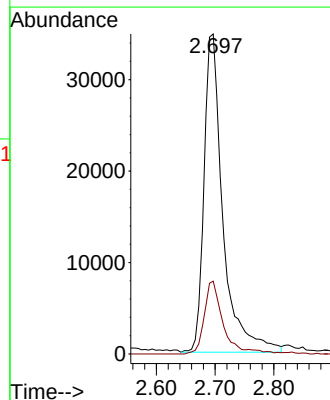
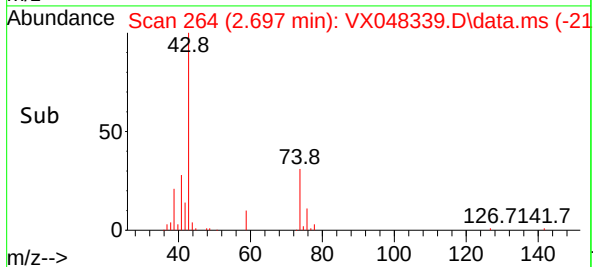
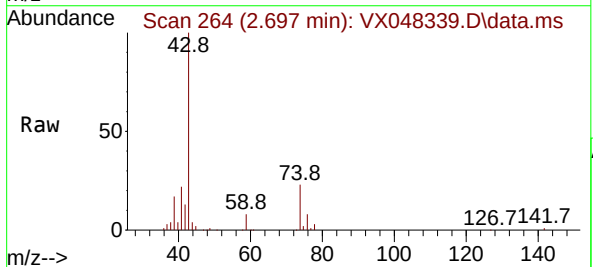
Manual Integrations
APPROVED

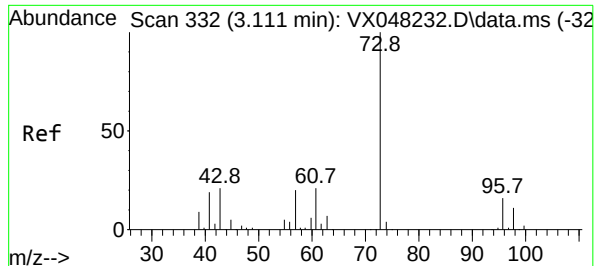
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#18
Methyl Acetate
Concen: 62.192 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 43 Resp: 78123
Ion Ratio Lower Upper
43 100
74 22.9 17.5 26.3





#19

Methyl tert-butyl Ether

Concen: 58.527 ug/l

RT: 3.105 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 262138

Ion Ratio Lower Upper

73 100

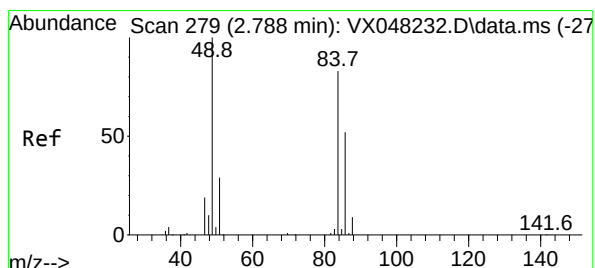
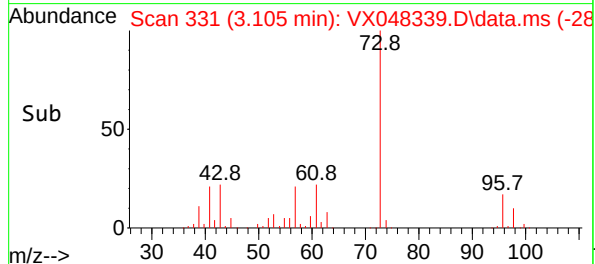
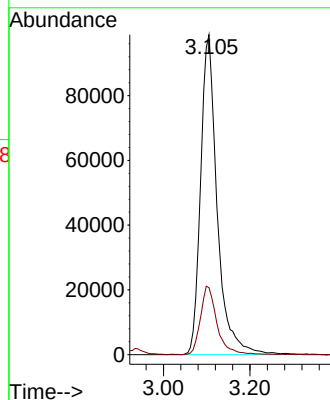
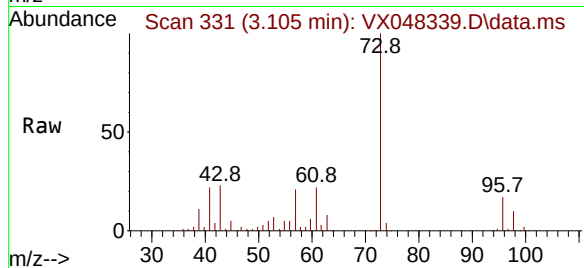
57 20.9 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#20

Methylene Chloride

Concen: 55.018 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Tgt Ion: 84 Resp: 80635

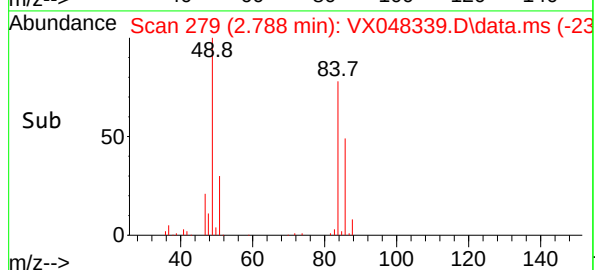
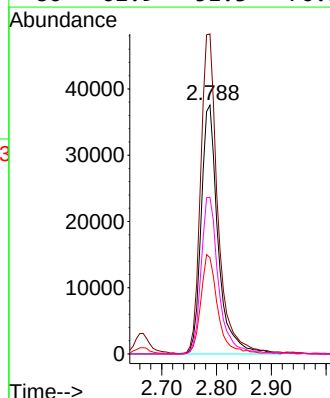
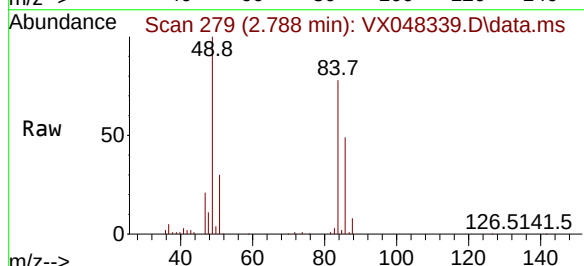
Ion Ratio Lower Upper

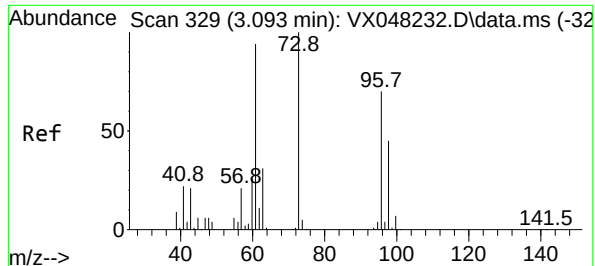
84 100

49 128.4 104.1 156.1

51 38.7 31.3 46.9

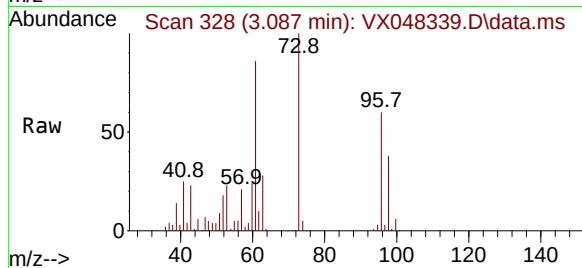
86 62.9 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 53.552 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

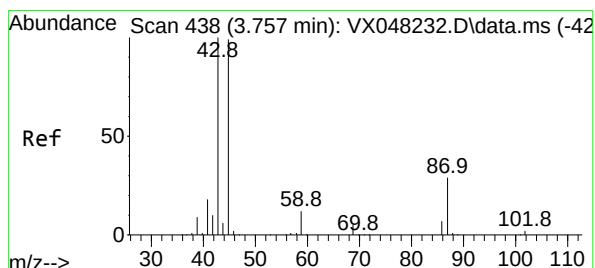
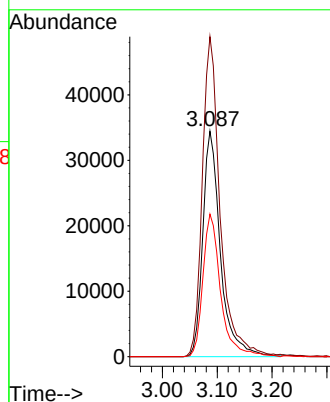
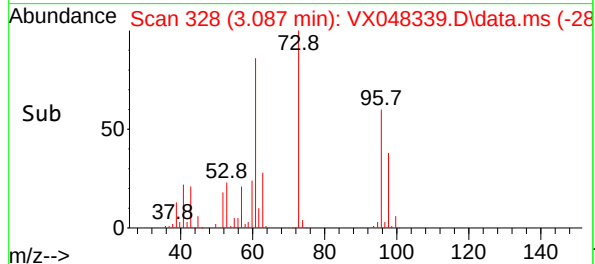
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 77229
Ion Ratio Lower Upper
96 100
61 142.0 111.9 167.9
98 64.9 51.2 76.8

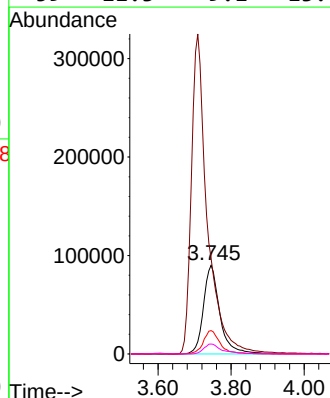
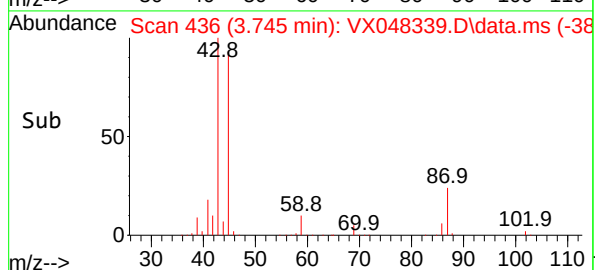
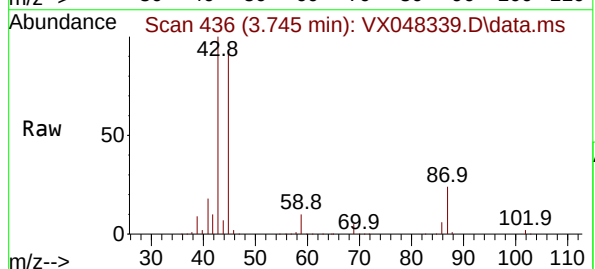
Manual Integrations
APPROVED

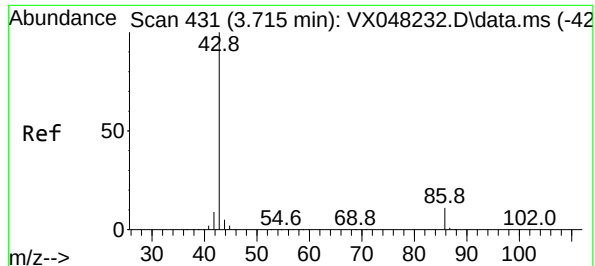
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#22
Diisopropyl ether
Concen: 64.418 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 45 Resp: 280059
Ion Ratio Lower Upper
45 100
43 107.3 89.8 134.8
87 26.4 20.6 31.0
59 11.3 9.1 13.7





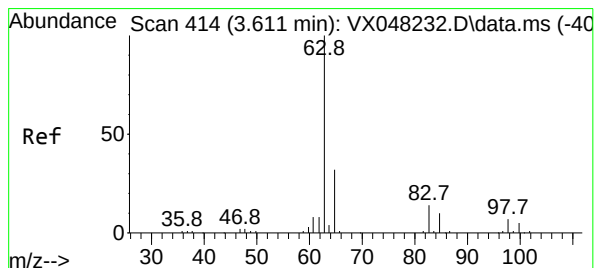
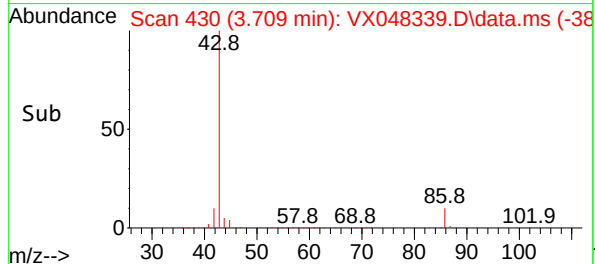
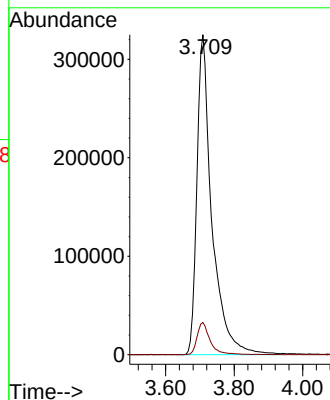
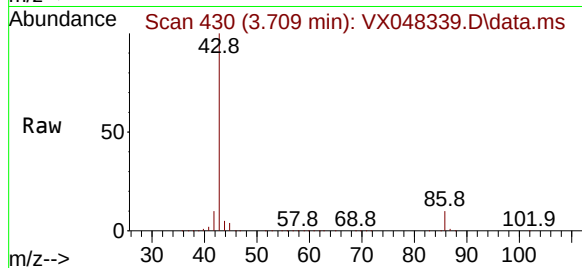
#23
Vinyl Acetate
Concen: 284.432 ug/l
RT: 3.709 min Scan# 411
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 987789
Ion Ratio Lower Upper
43 100
86 10.0 7.9 11.9

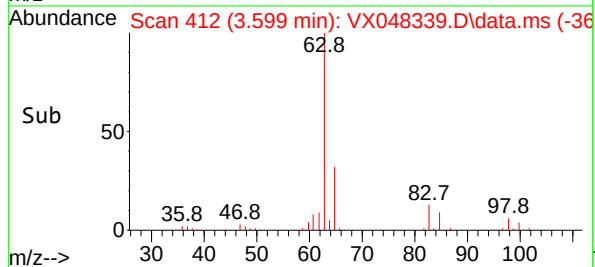
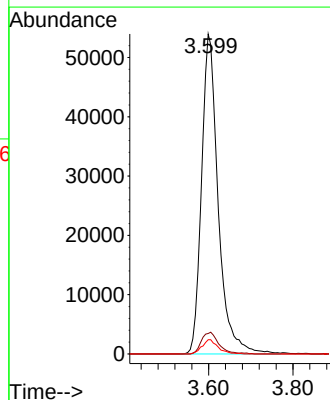
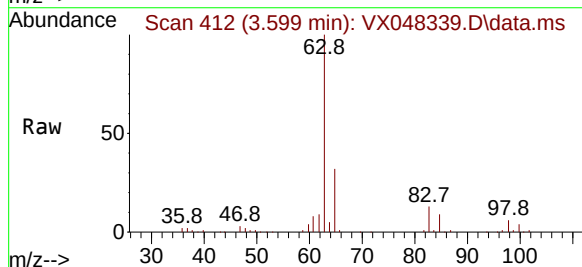
Manual Integrations
APPROVED

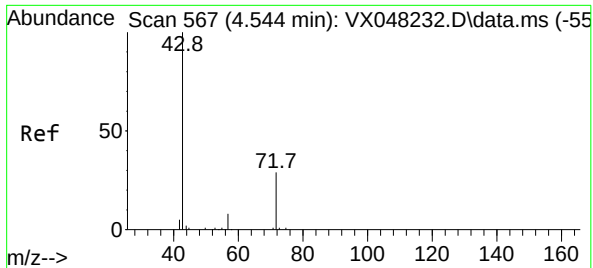
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#24
1,1-Dichloroethane
Concen: 56.341 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

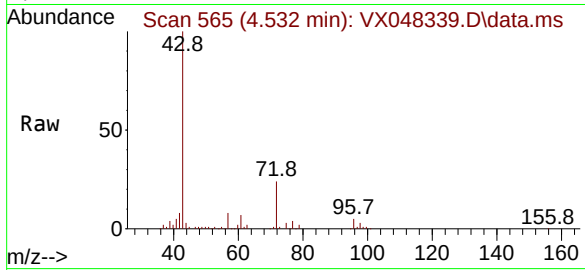
Tgt Ion: 63 Resp: 148111
Ion Ratio Lower Upper
63 100
98 6.4 3.5 10.6
100 4.6 2.1 6.3





#25
2-Butanone
Concen: 222.811 ug/l
RT: 4.532 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

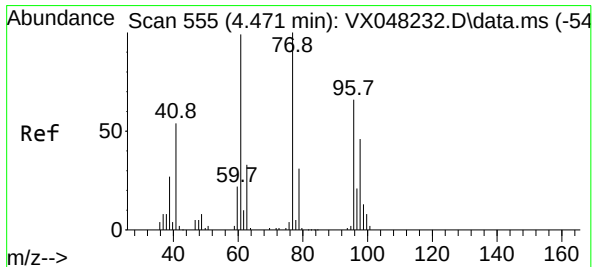
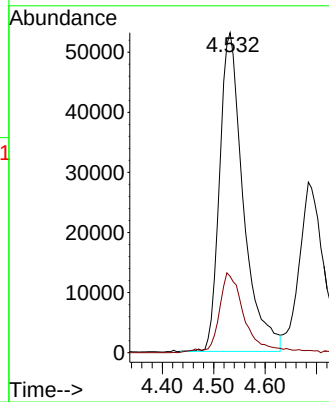
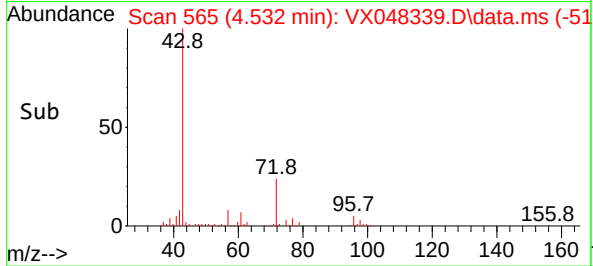
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 169634
Ion Ratio Lower Upper
43 100
72 24.0 19.9 29.9

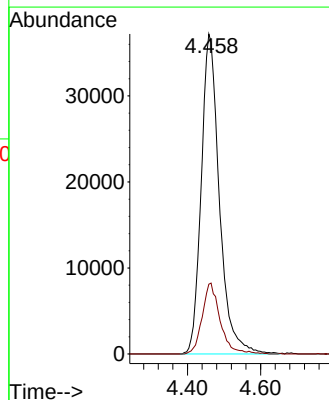
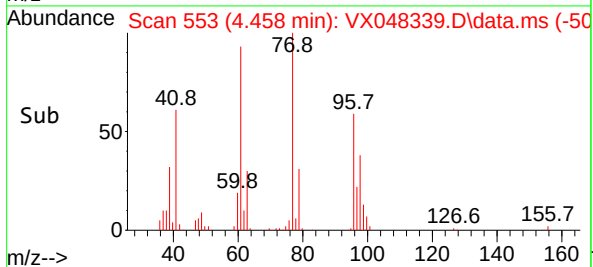
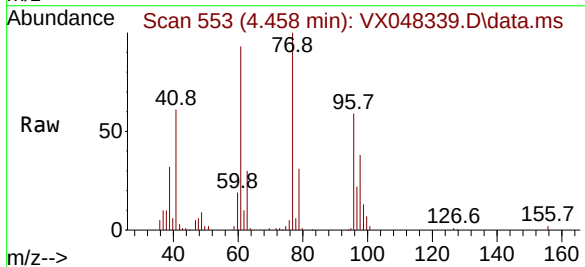
Manual Integrations
APPROVED

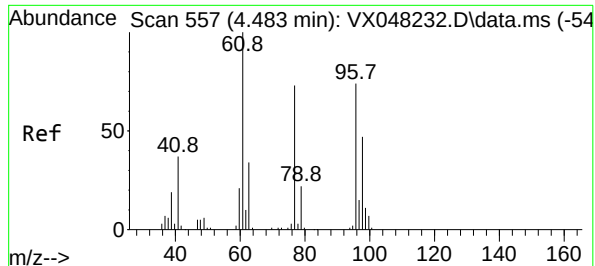
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#26
2,2-Dichloropropane
Concen: 53.987 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 77 Resp: 128101
Ion Ratio Lower Upper
77 100
97 22.0 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 55.383 ug/l

RT: 4.471 min Scan# 557

Delta R.T. -0.012 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 9321

Ion Ratio Lower Upper

96 100

61 152.3 0.0 294.2

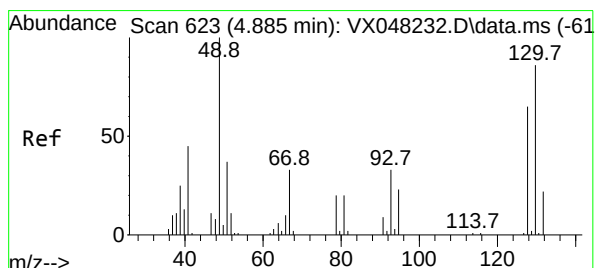
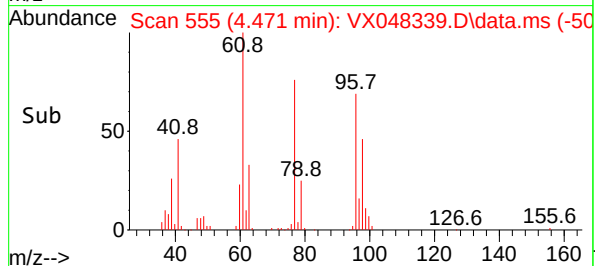
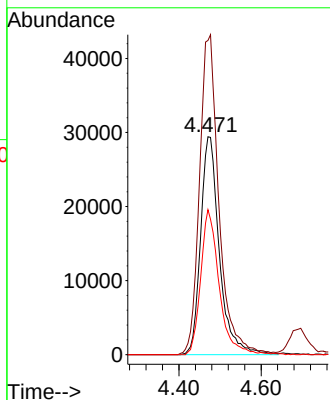
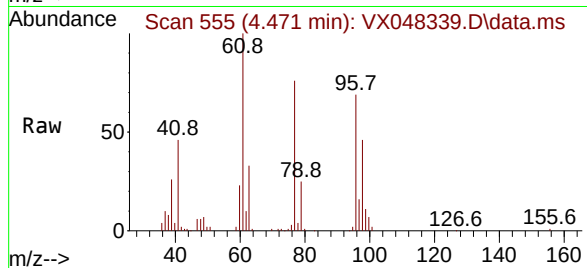
98 64.9 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#28

Bromochloromethane

Concen: 57.651 ug/l

RT: 4.879 min Scan# 622

Delta R.T. -0.006 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

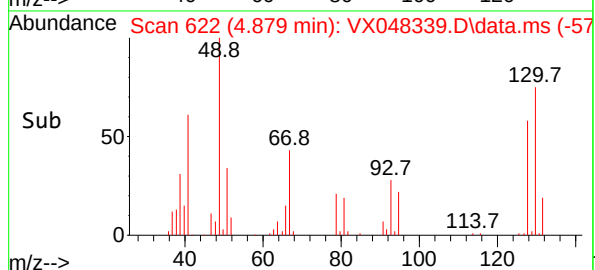
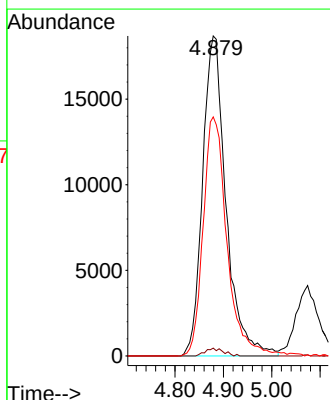
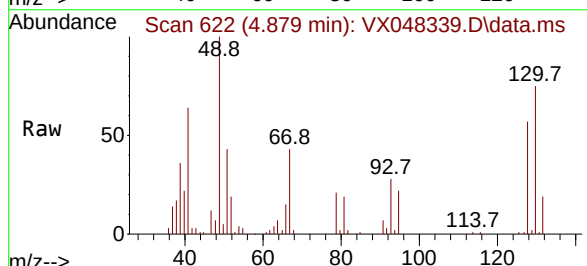
Tgt Ion: 49 Resp: 62840

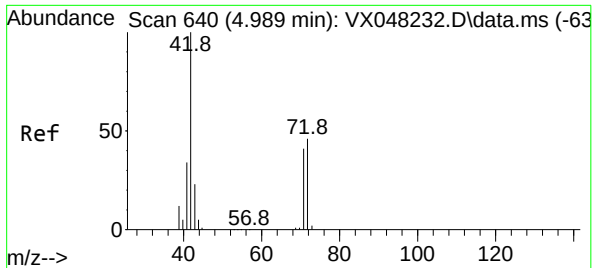
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.4

130 75.9 59.3 88.9





#29

Tetrahydrofuran

Concen: 284.809 ug/l

RT: 4.977 min Scan# 61

Delta R.T. -0.012 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 12986

Ion Ratio Lower Upper

42 100

72 44.9 35.3 52.9

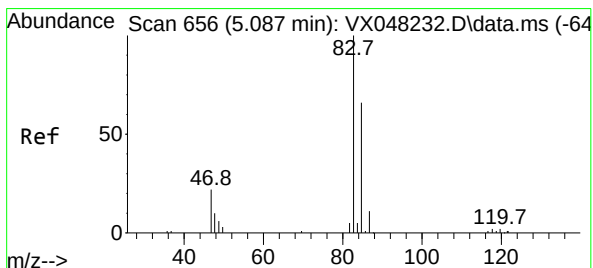
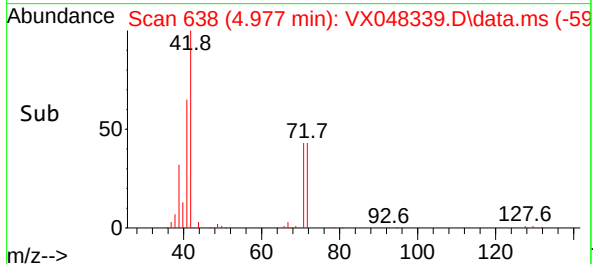
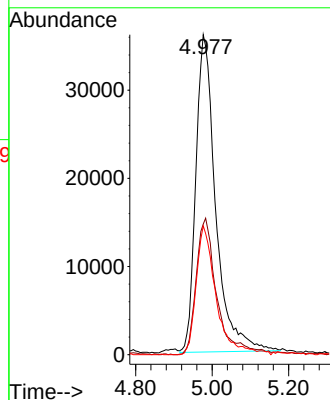
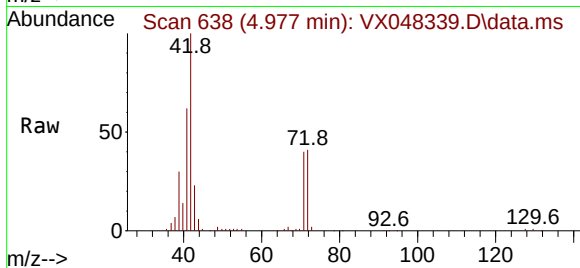
71 40.1 32.2 48.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#30

Chloroform

Concen: 56.158 ug/l

RT: 5.074 min Scan# 654

Delta R.T. -0.006 min

Lab File: VX048339.D

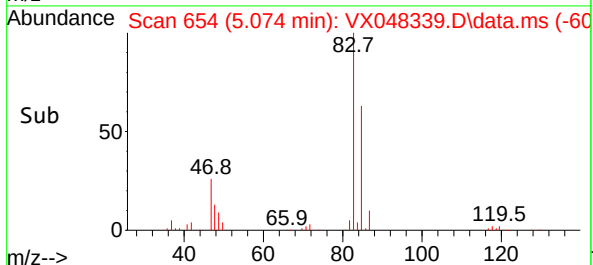
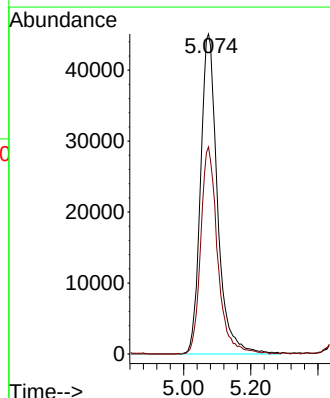
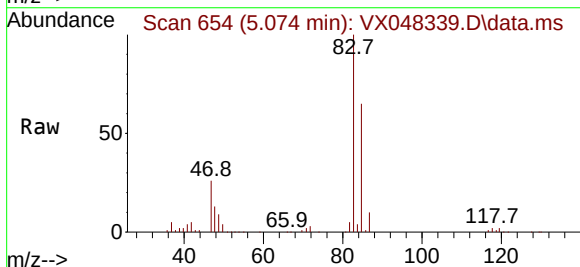
Acq: 24 Oct 2025 09:16

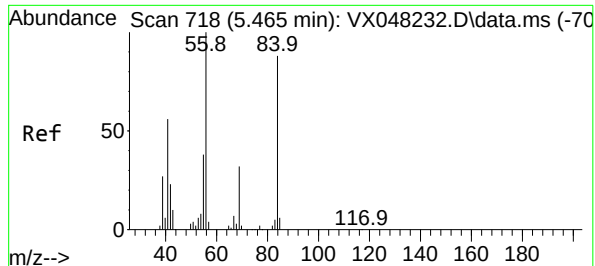
Tgt Ion: 83 Resp: 157726

Ion Ratio Lower Upper

83 100

85 64.7 50.1 75.1





#31

Cyclohexane

Concen: 55.630 ug/l

RT: 5.452 min Scan# 716

Delta R.T. -0.006 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 121074

Ion Ratio Lower Upper

56 100

69 30.2 23.0 34.6

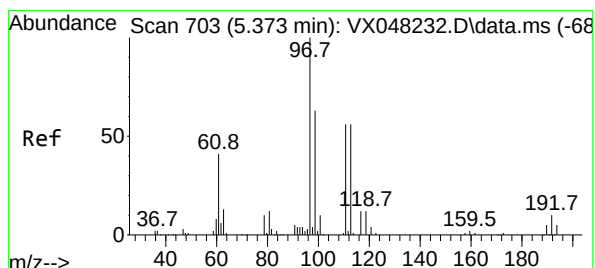
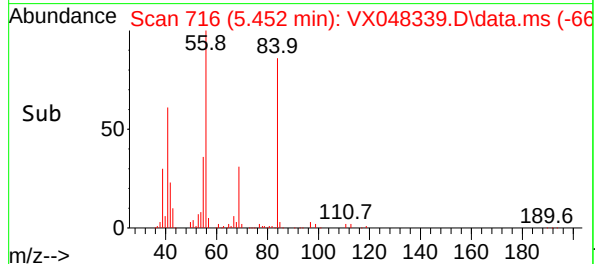
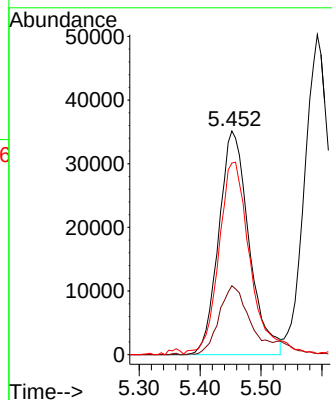
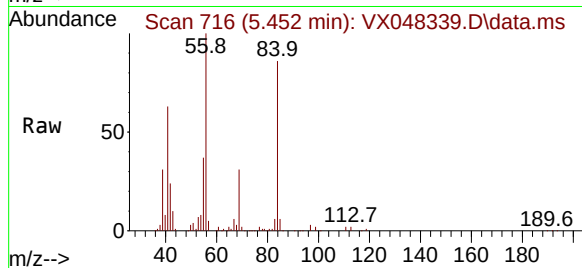
84 83.5 64.6 97.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#32

1,1,1-Trichloroethane

Concen: 52.310 ug/l

RT: 5.367 min Scan# 702

Delta R.T. -0.006 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

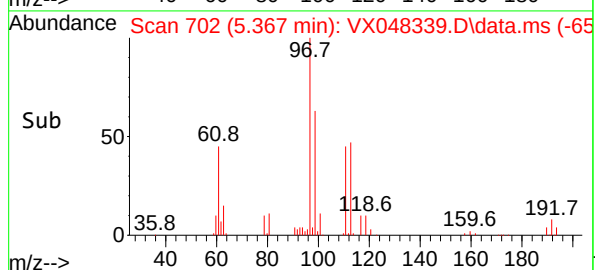
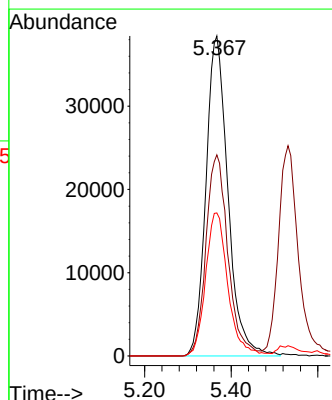
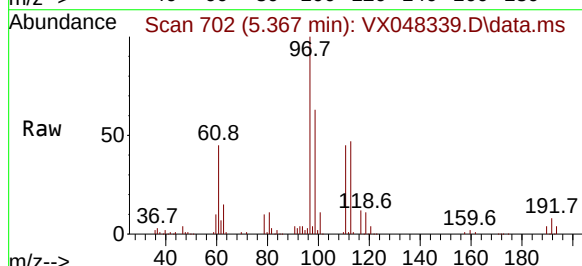
Tgt Ion: 97 Resp: 135402

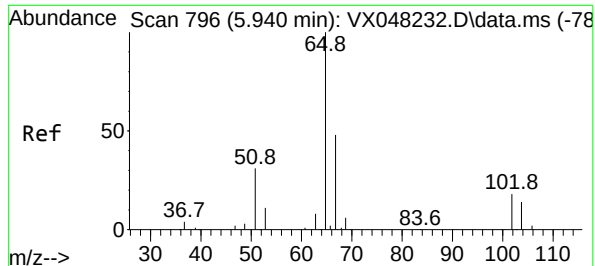
Ion Ratio Lower Upper

97 100

99 63.3 51.7 77.5

61 45.6 34.8 52.2





#33

1,2-Dichloroethane-d4

Concen: 53.755 ug/l

RT: 5.934 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 94250

Ion Ratio Lower Upper

65 100

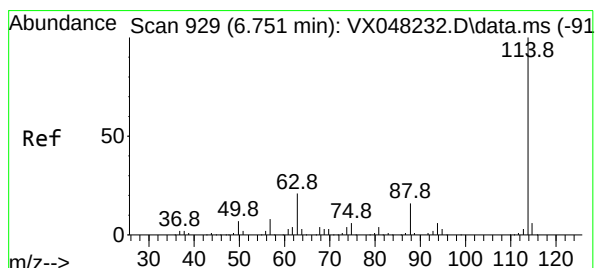
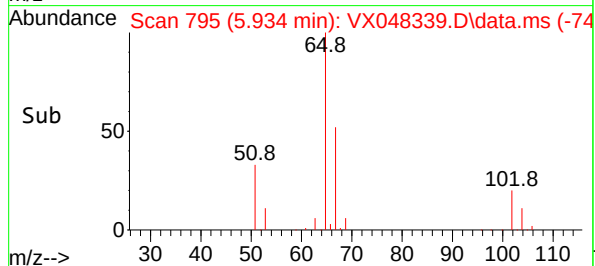
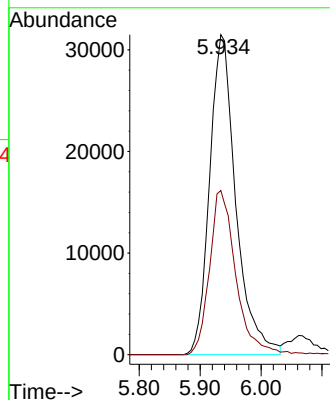
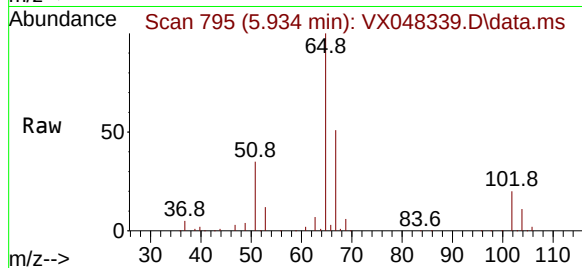
67 51.6 0.0 105.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.739 min Scan# 927

Delta R.T. -0.006 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

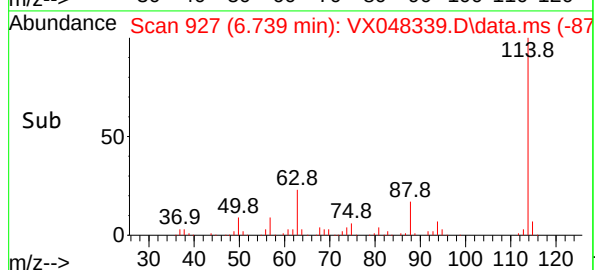
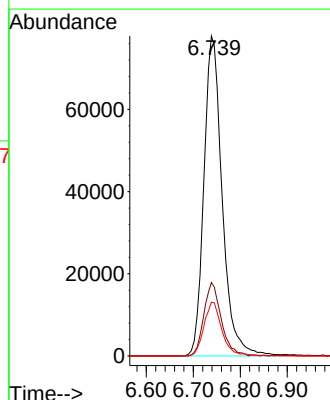
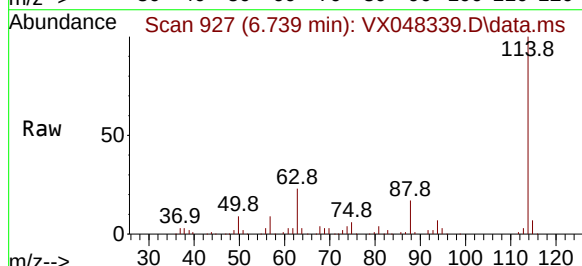
Tgt Ion:114 Resp: 210685

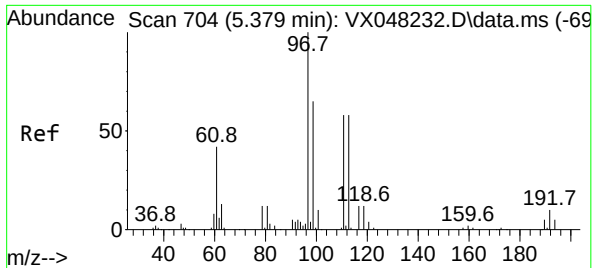
Ion Ratio Lower Upper

114 100

63 23.0 0.0 43.2

88 16.8 0.0 33.6





#35

Dibromofluoromethane

Concen: 40.612 ug/l

RT: 5.367 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 58414

Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.4

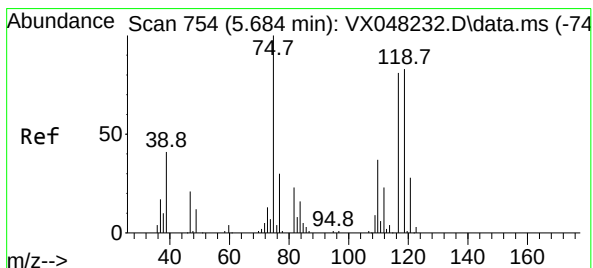
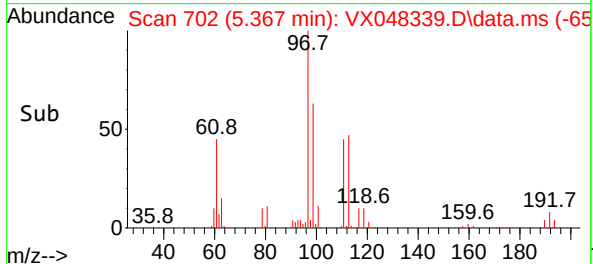
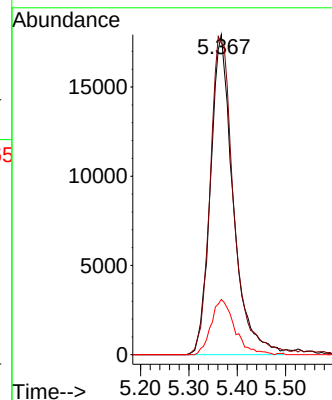
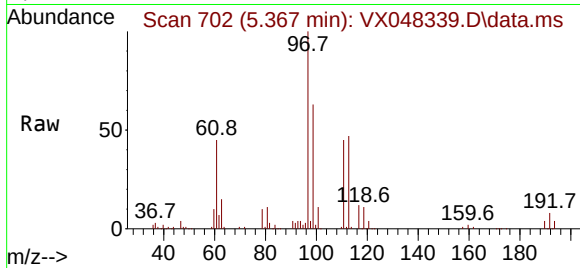
192 17.9 15.1 22.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#36

1,1-Dichloropropene

Concen: 50.154 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.006 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

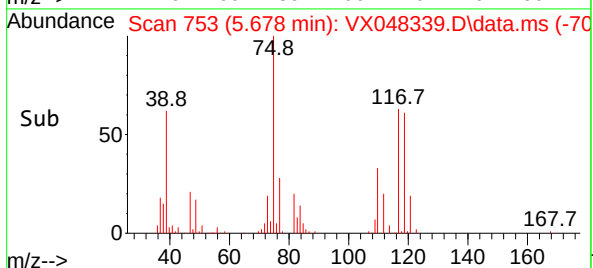
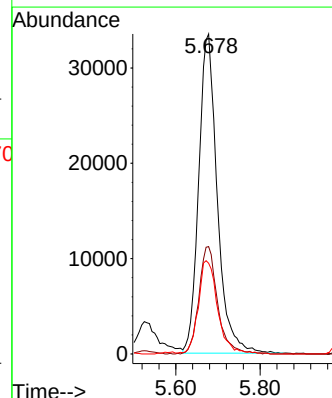
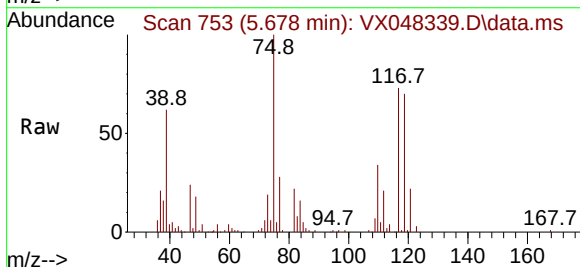
Tgt Ion: 75 Resp: 102532

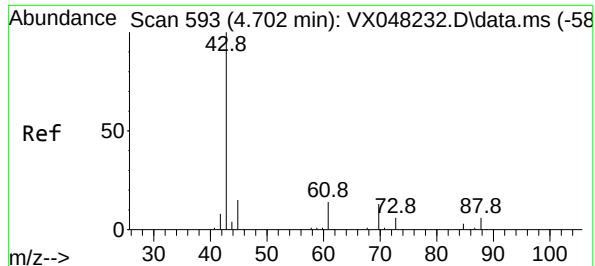
Ion Ratio Lower Upper

75 100

110 34.0 17.7 53.1

77 29.8 24.3 36.5





#37

Ethyl Acetate

Concen: 54.873 ug/l

RT: 4.684 min Scan# 593

Delta R.T. -0.012 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 9298

Ion Ratio Lower Upper

43 100

61 12.5 10.6 15.8

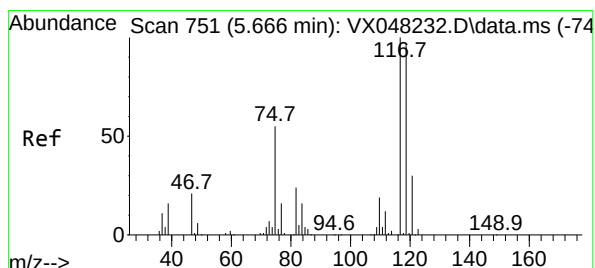
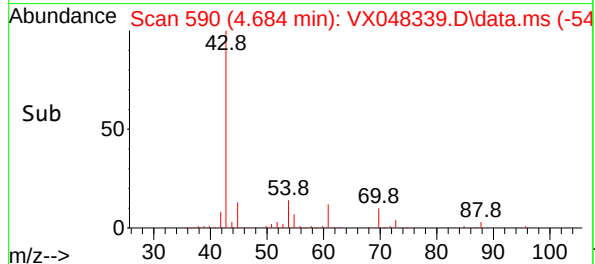
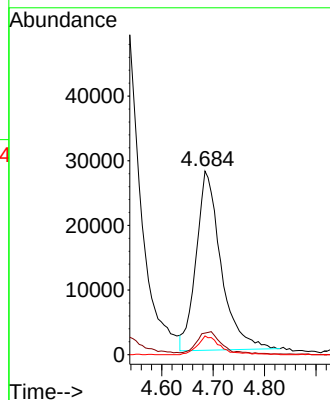
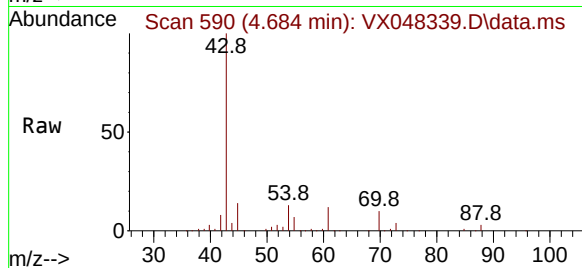
70 9.7 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#38

Carbon Tetrachloride

Concen: 45.939 ug/l

RT: 5.659 min Scan# 750

Delta R.T. -0.006 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

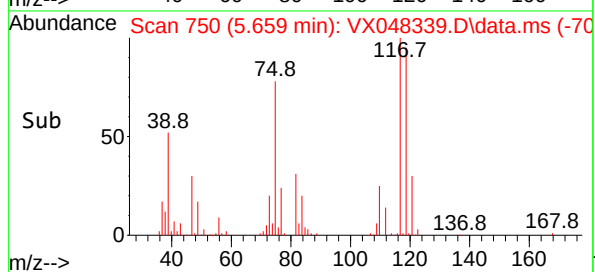
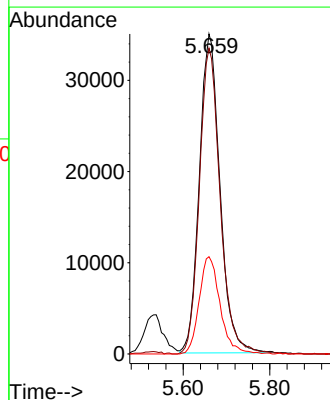
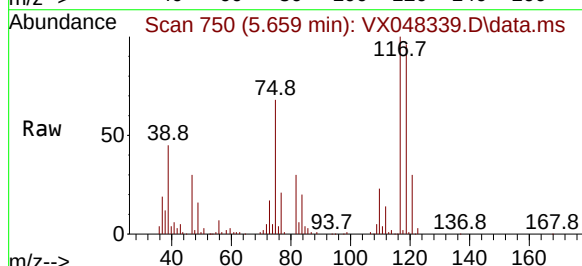
Tgt Ion:117 Resp: 115868

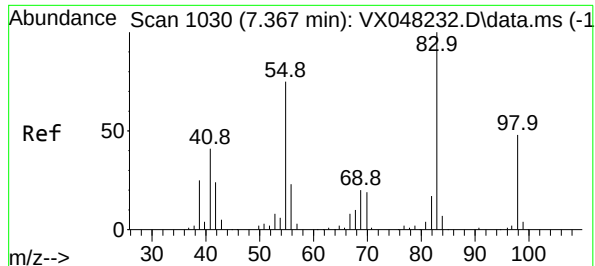
Ion Ratio Lower Upper

117 100

119 95.6 77.2 115.8

121 30.5 24.8 37.2





#39

Methylcyclohexane

Concen: 50.618 ug/l

RT: 7.360 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 122210

Ion Ratio Lower Upper

83 100

55 77.5 66.2 99.2

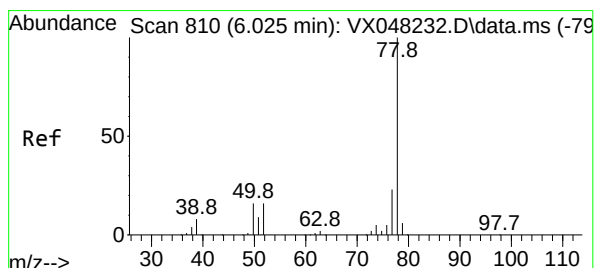
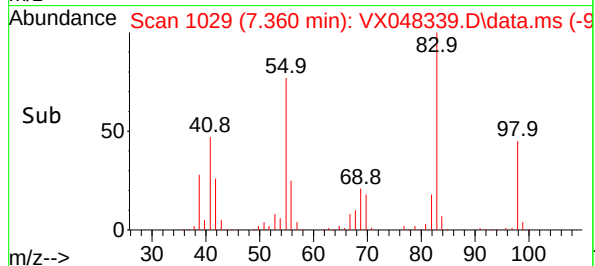
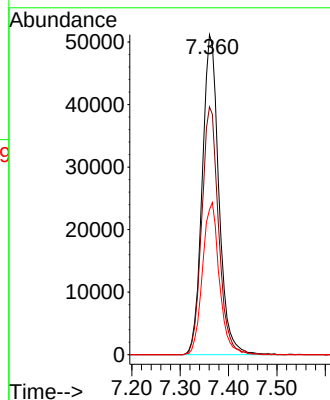
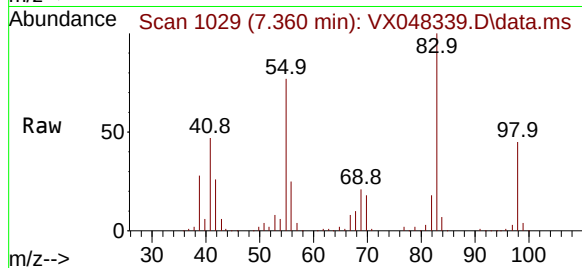
98 45.3 38.9 58.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#40

Benzene

Concen: 52.544 ug/l

RT: 6.019 min Scan# 809

Delta R.T. -0.006 min

Lab File: VX048339.D

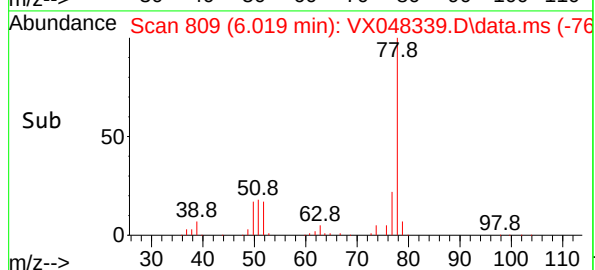
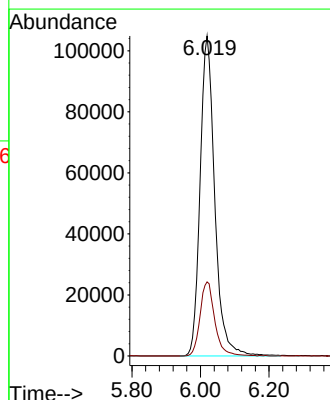
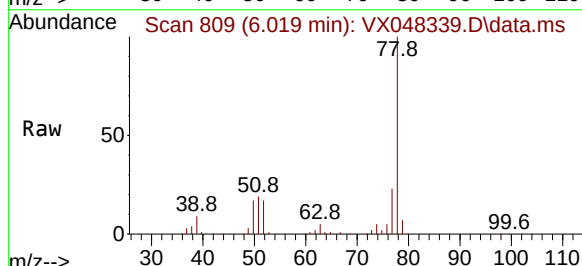
Acq: 24 Oct 2025 09:16

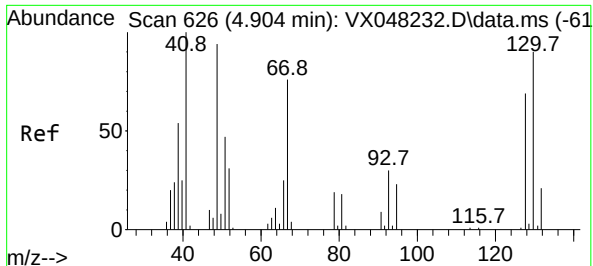
Tgt Ion: 78 Resp: 311870

Ion Ratio Lower Upper

78 100

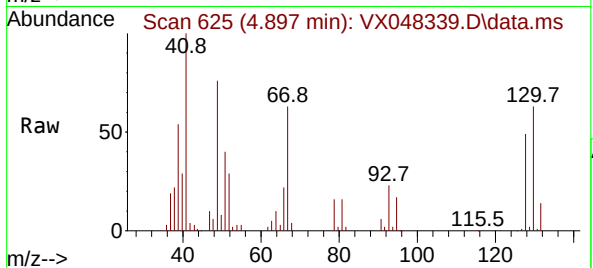
77 23.2 19.3 28.9





#41
Methacrylonitrile
Concen: 57.081 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

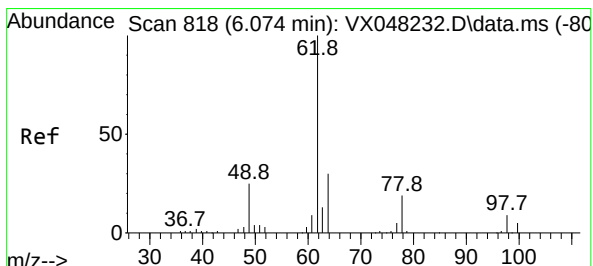
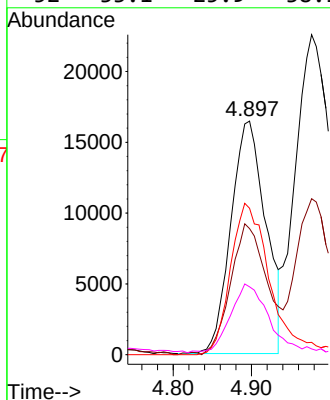
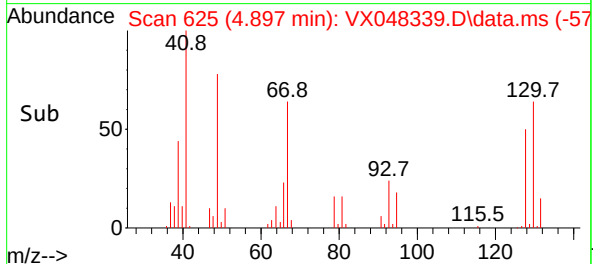
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 5079
Ion Ratio Lower Upper
41 100
39 59.2 44.0 66.0
67 76.4 58.7 88.1
52 33.1 25.9 38.9

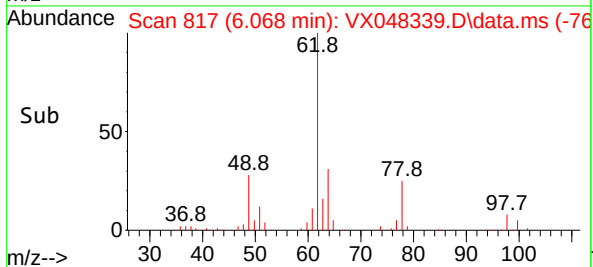
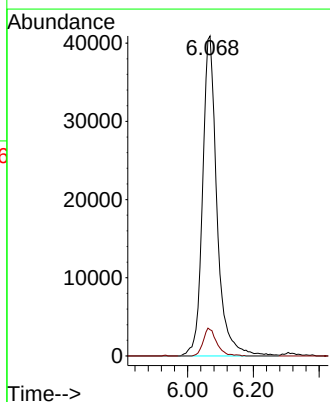
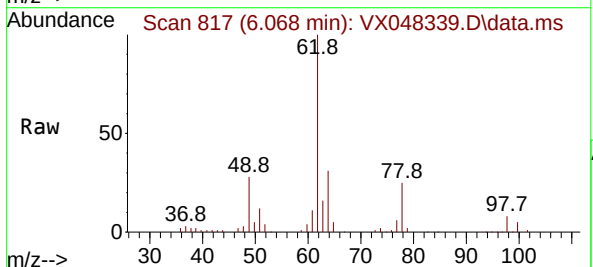
Manual Integrations
APPROVED

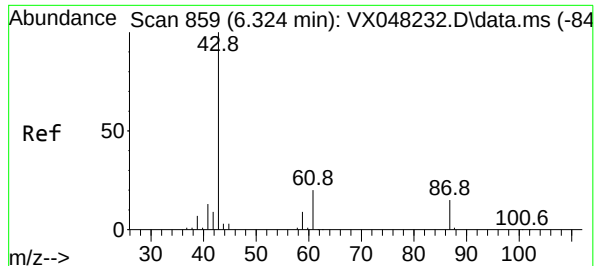
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#42
1,2-Dichloroethane
Concen: 56.900 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 62 Resp: 124623
Ion Ratio Lower Upper
62 100
98 8.2 0.0 17.2





#43

Isopropyl Acetate

Concen: 58.836 ug/l

RT: 6.318 min Scan# 81

Delta R.T. -0.006 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 16376

Ion Ratio Lower Upper

43

100

61

87

18.8

12.5

14.9

9.4

22.3

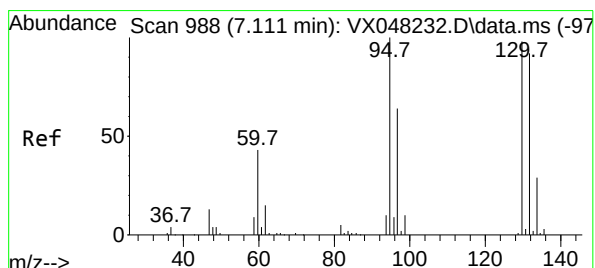
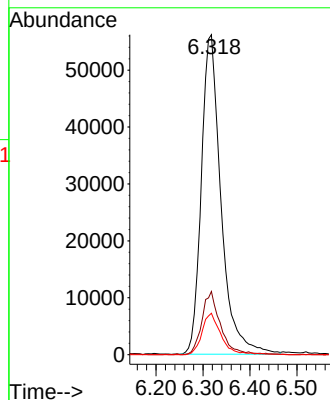
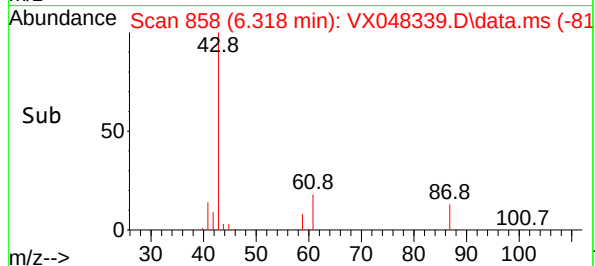
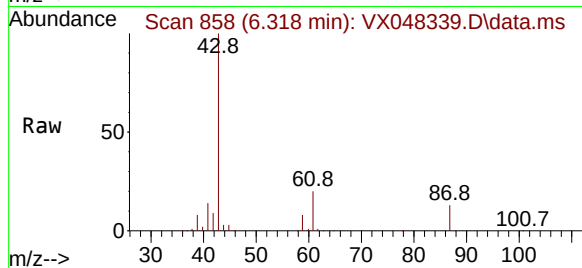
14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#44

Trichloroethene

Concen: 50.249 ug/l

RT: 7.104 min Scan# 987

Delta R.T. -0.006 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Tgt Ion:130 Resp: 78753

Ion Ratio Lower Upper

130

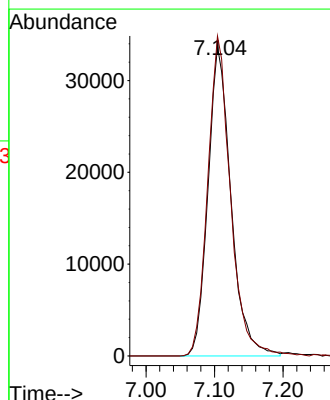
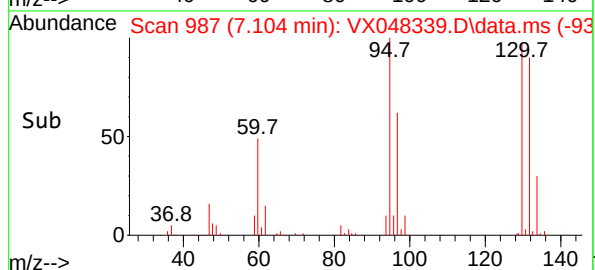
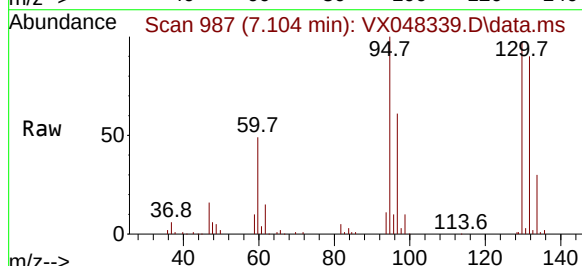
95

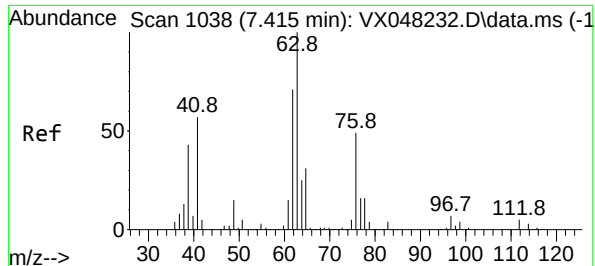
100

103.4

0.0

200.6





#45

1,2-Dichloropropane

Concen: 56.442 ug/l

RT: 7.409 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 79649

Ion Ratio Lower Upper

63 100

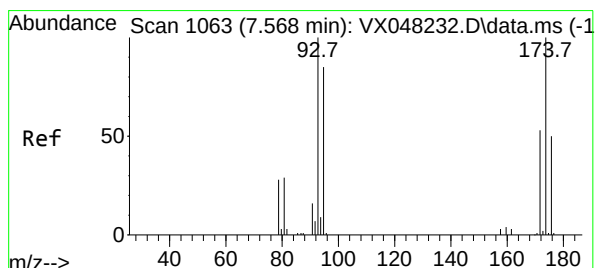
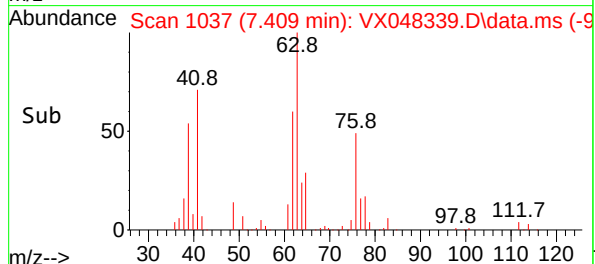
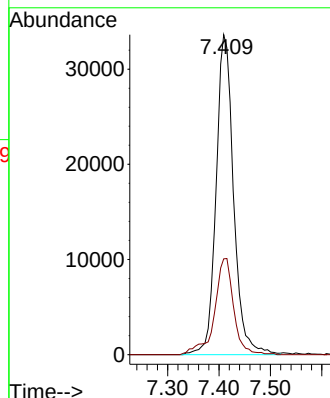
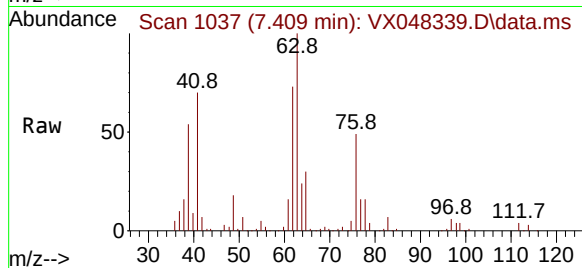
65 29.9 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#46

Dibromomethane

Concen: 53.679 ug/l

RT: 7.562 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

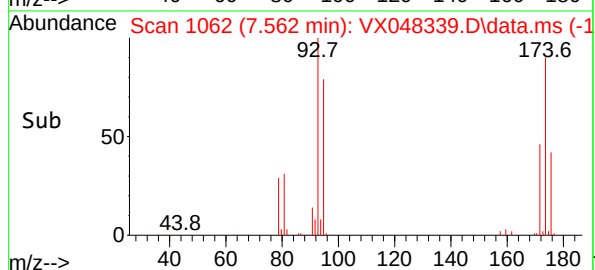
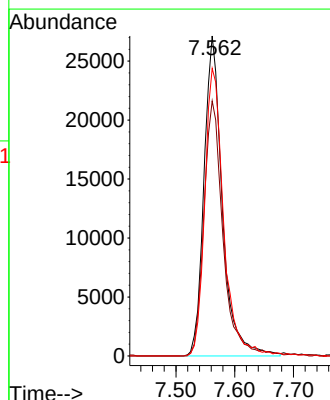
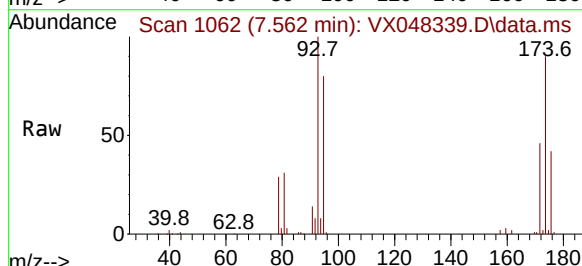
Tgt Ion: 93 Resp: 59016

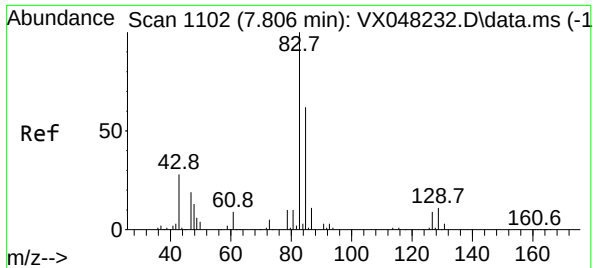
Ion Ratio Lower Upper

93 100

95 83.1 65.9 98.9

174 92.8 71.7 107.5





#47

Bromodichloromethane

Concen: 52.892 ug/l

RT: 7.805 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 125550

Ion Ratio Lower Upper

83 100

85 63.4 52.2 78.4

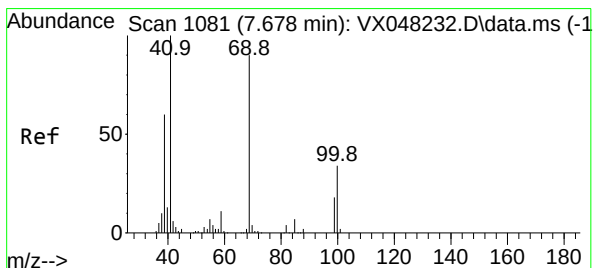
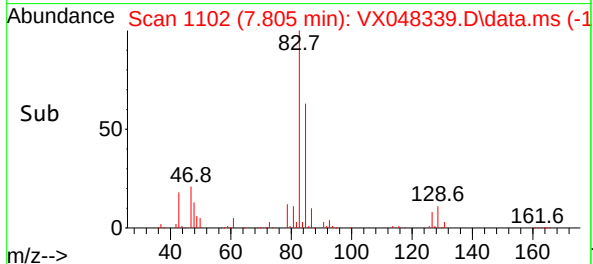
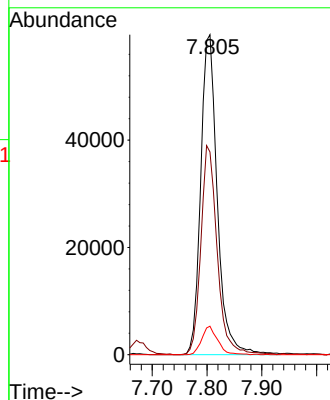
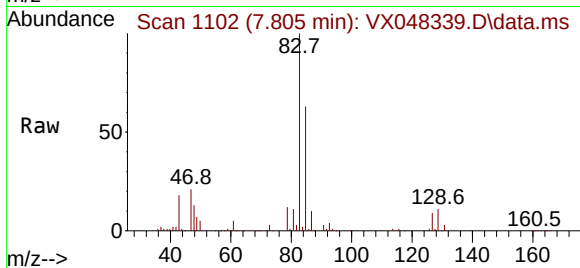
127 8.9 7.3 10.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#48

Methyl methacrylate

Concen: 59.262 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. -0.006 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

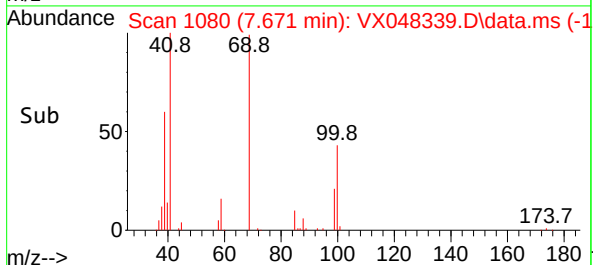
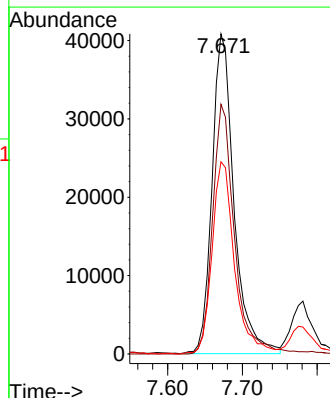
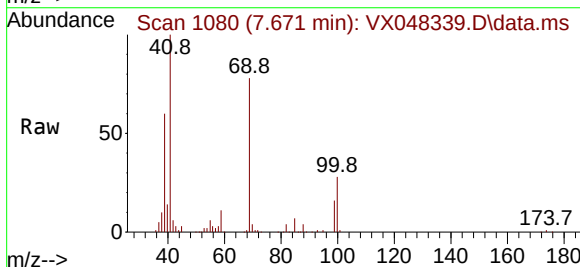
Tgt Ion: 41 Resp: 83235

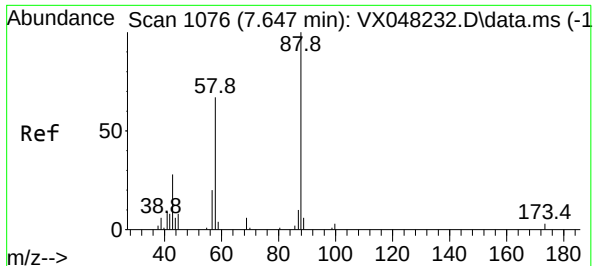
Ion Ratio Lower Upper

41 100

69 78.5 63.4 95.0

39 61.5 47.1 70.7





#49

1,4-Dioxane

Concen: 986.597 ug/l

RT: 7.641 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 18307

Ion Ratio Lower Upper

88 100

43 44.0 35.0 52.4

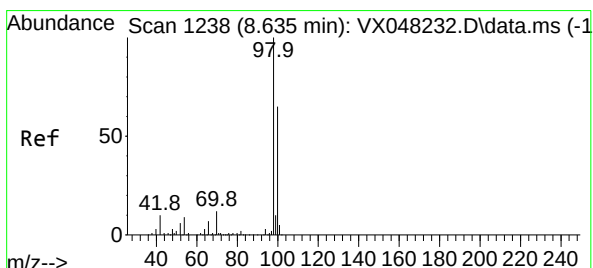
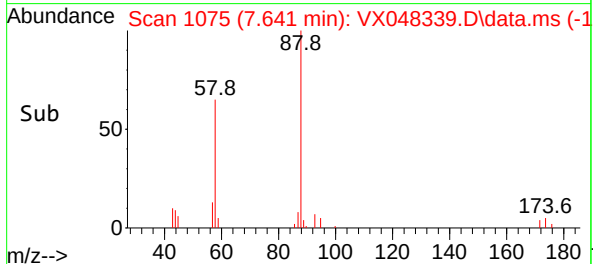
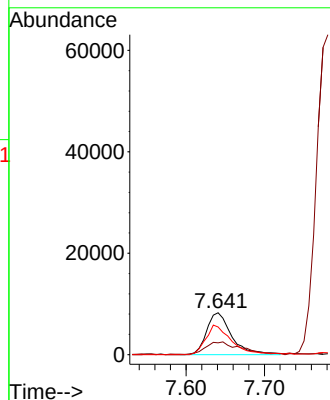
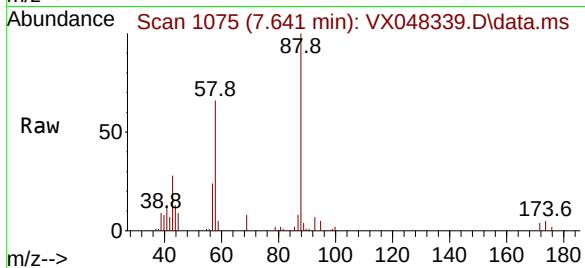
58 72.1 61.9 92.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#50

Toluene-d8

Concen: 47.331 ug/l

RT: 8.628 min Scan# 1237

Delta R.T. -0.006 min

Lab File: VX048339.D

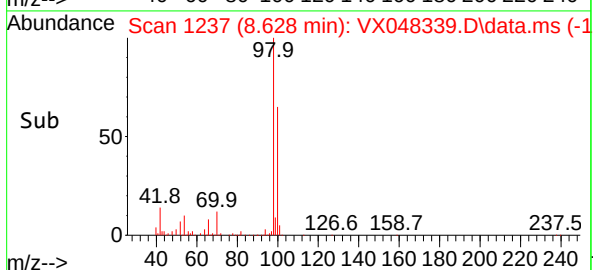
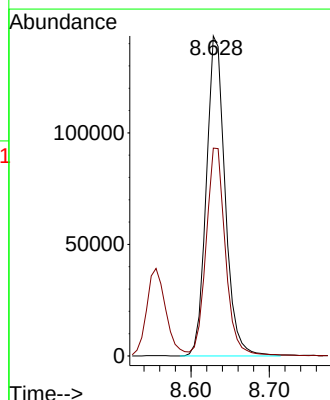
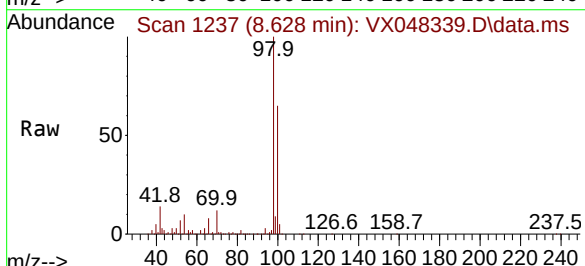
Acq: 24 Oct 2025 09:16

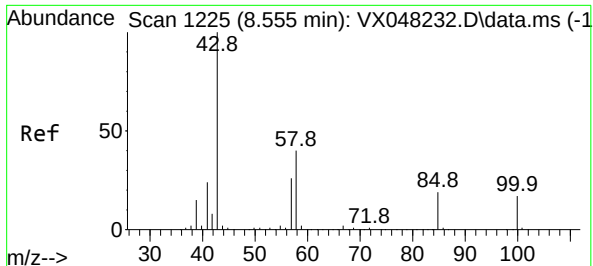
Tgt Ion: 98 Resp: 238621

Ion Ratio Lower Upper

98 100

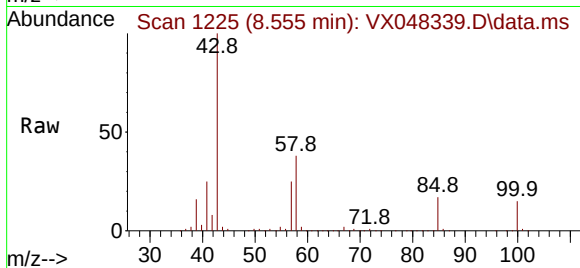
100 66.7 53.0 79.4





#51
4-Methyl-2-Pentanone
Concen: 284.549 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

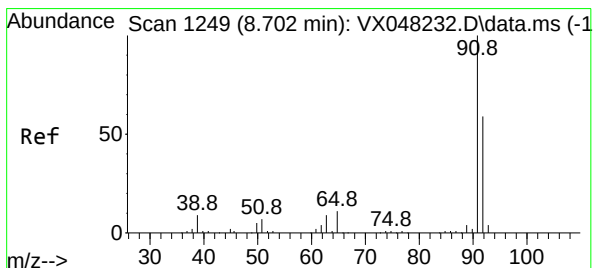
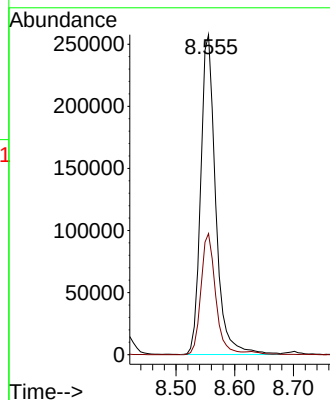
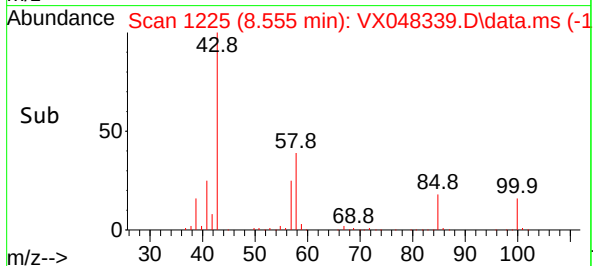
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 456649
Ion Ratio Lower Upper
43 100
58 37.2 29.5 44.3

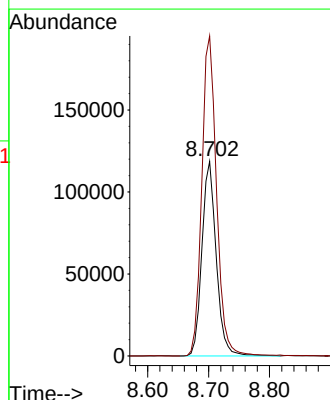
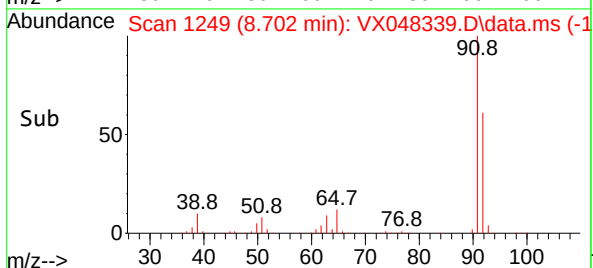
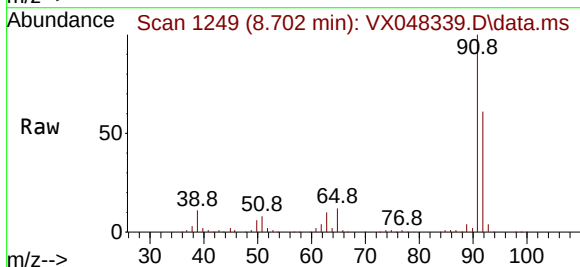
Manual Integrations
APPROVED

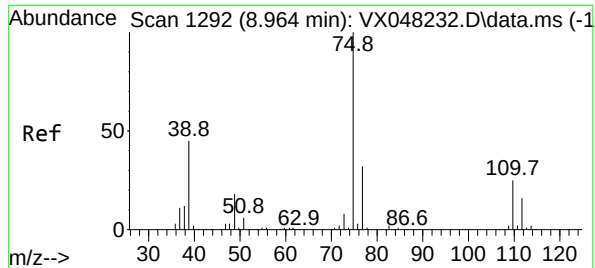
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#52
Toluene
Concen: 51.366 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 92 Resp: 193684
Ion Ratio Lower Upper
92 100
91 169.7 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 51.329 ug/l

RT: 8.958 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 117418

Ion Ratio Lower Upper

75 100

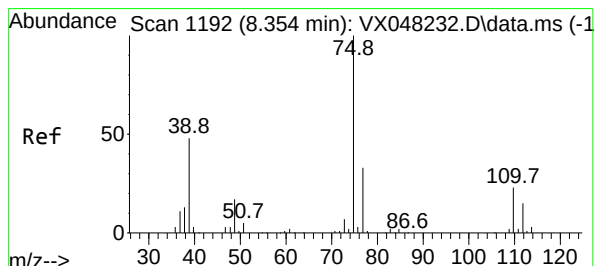
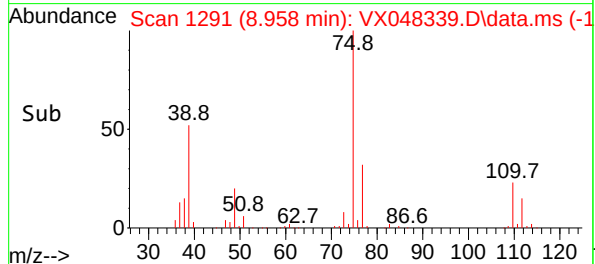
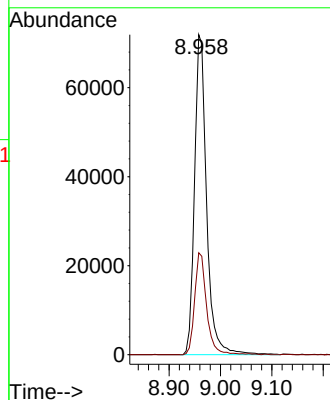
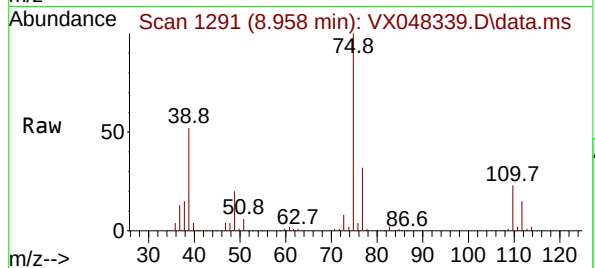
77 31.9 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#54

cis-1,3-Dichloropropene

Concen: 48.835 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. -0.000 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

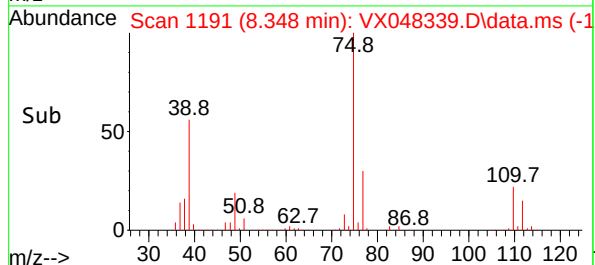
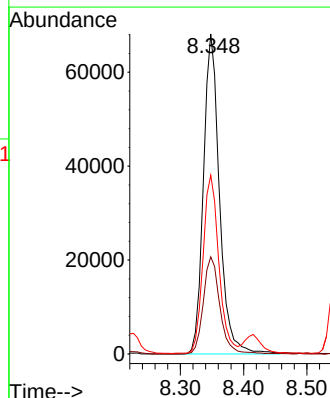
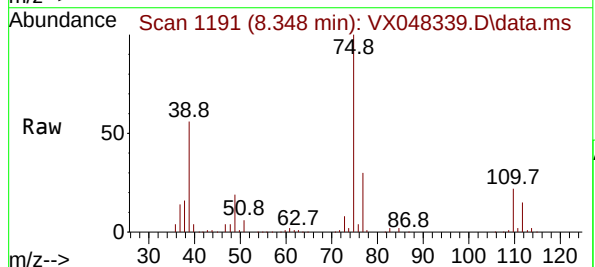
Tgt Ion: 75 Resp: 120526

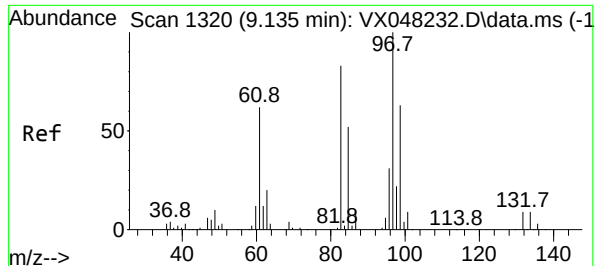
Ion Ratio Lower Upper

75 100

77 30.3 24.9 37.3

39 54.8 42.6 64.0





#55

1,1,2-Trichloroethane

Concen: 54.053 ug/l

RT: 9.134 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 7579

Ion Ratio Lower Upper

97 100

83 86.1 70.6 105.8

85 55.5 45.0 67.6

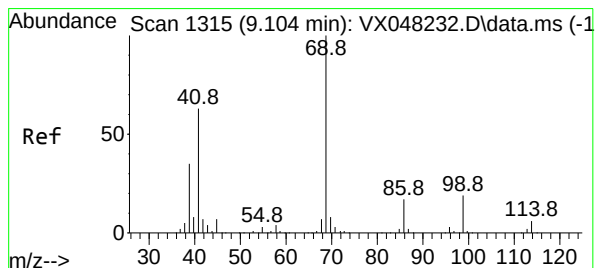
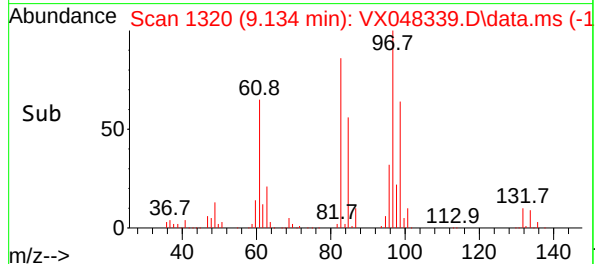
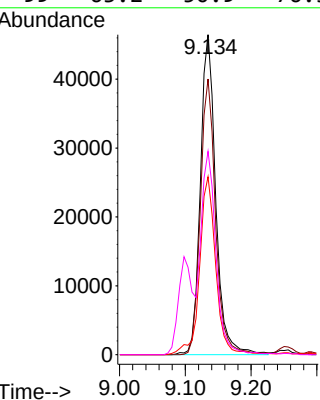
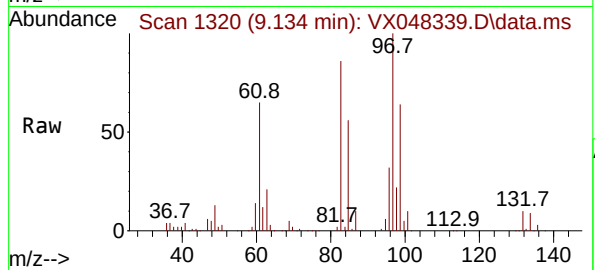
99 63.2 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#56

Ethyl methacrylate

Concen: 55.026 ug/l

RT: 9.098 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

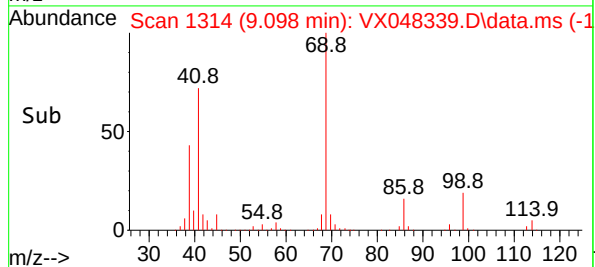
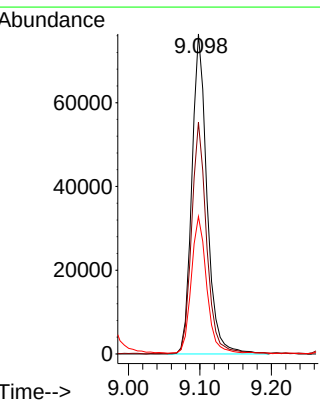
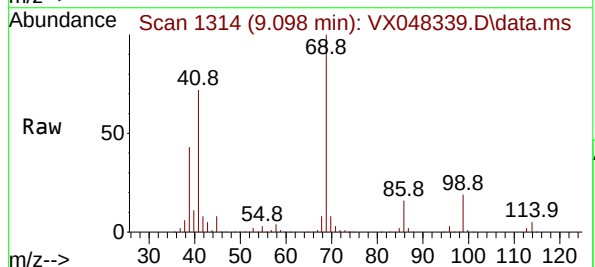
Tgt Ion: 69 Resp: 112858

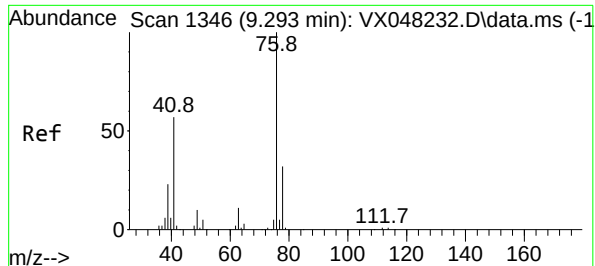
Ion Ratio Lower Upper

69 100

41 72.4 56.0 84.0

39 44.0 31.6 47.4





#57

1,3-Dichloropropane

Concen: 54.042 ug/l

RT: 9.293 min Scan# 111

Delta R.T. -0.000 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 12944

Ion Ratio Lower Upper

76 100

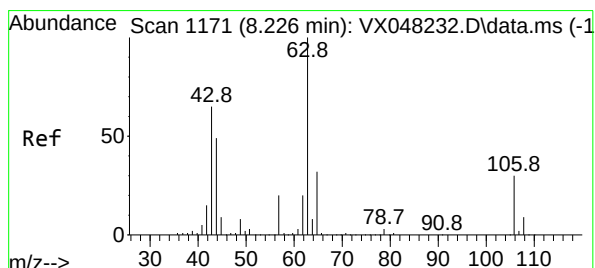
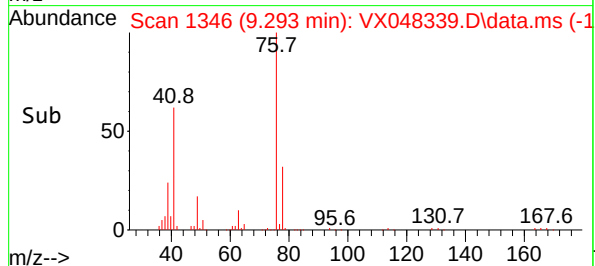
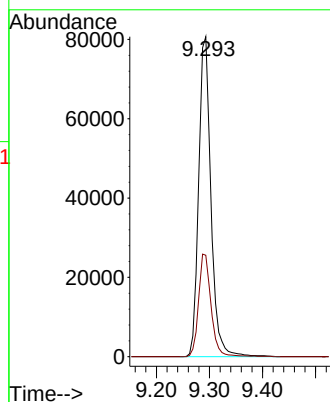
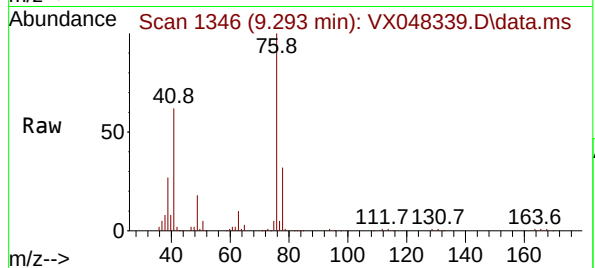
78 32.6 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#58

2-Chloroethyl Vinyl ether

Concen: 299.294 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX048339.D

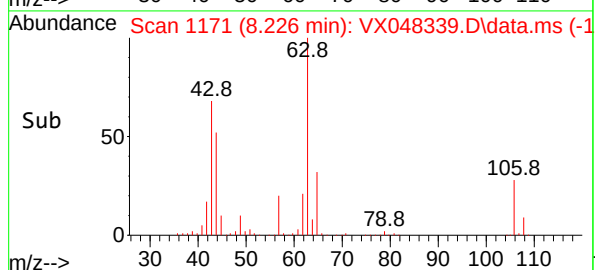
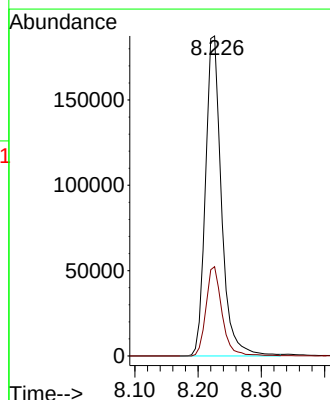
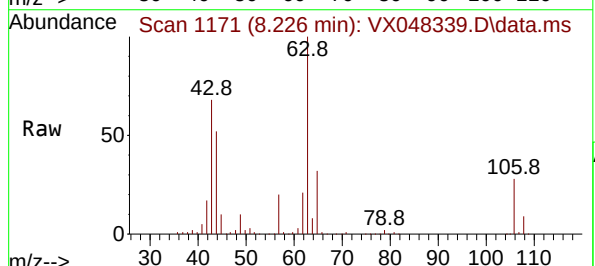
Acq: 24 Oct 2025 09:16

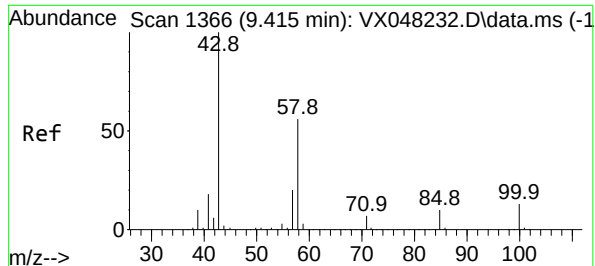
Tgt Ion: 63 Resp: 330441

Ion Ratio Lower Upper

63 100

106 28.1 22.2 33.2





#59

2-Hexanone

Concen: 256.864 ug/l

RT: 9.415 min Scan# 1366

Delta R.T. -0.000 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 28743

Ion Ratio Lower Upper

43

100

58

52.4

26.3

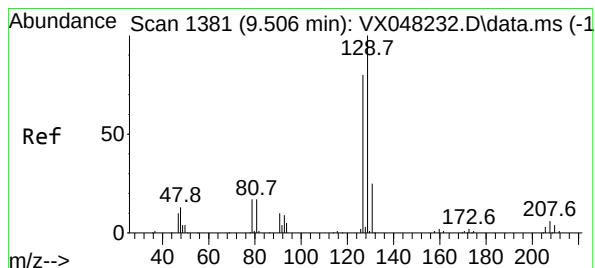
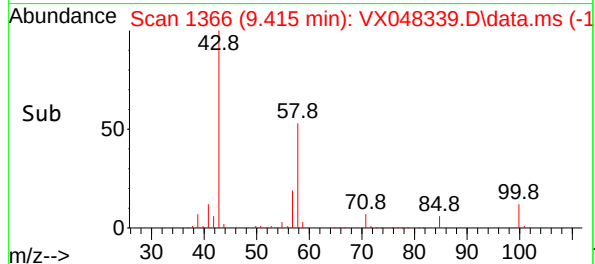
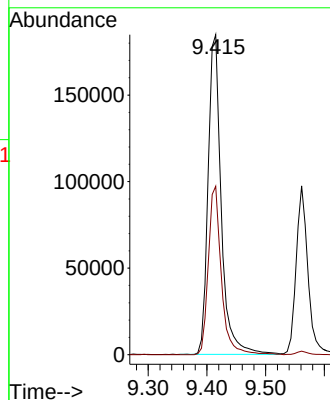
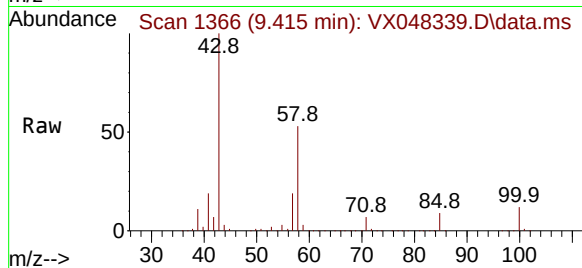
78.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#60

Dibromochloromethane

Concen: 48.803 ug/l

RT: 9.500 min Scan# 1380

Delta R.T. -0.006 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Tgt Ion:129 Resp: 91979

Ion Ratio Lower Upper

129

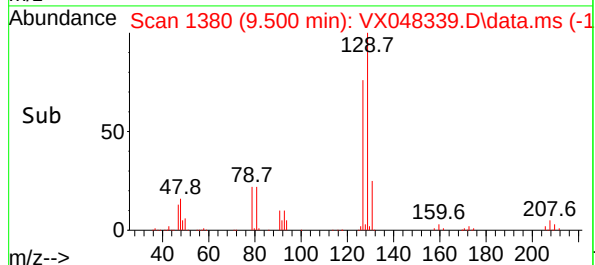
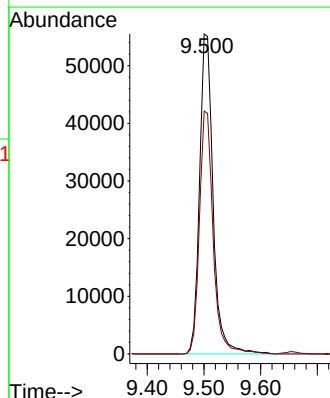
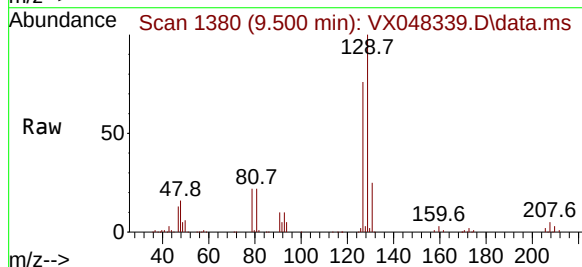
100

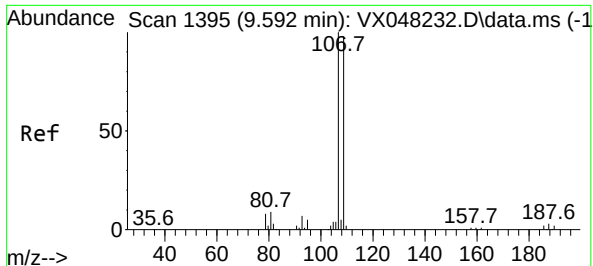
127

77.2

38.6

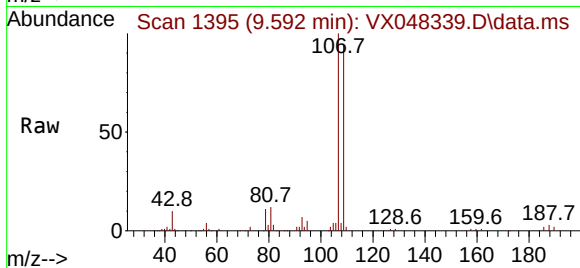
115.7





#61
1,2-Dibromoethane
Concen: 52.241 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

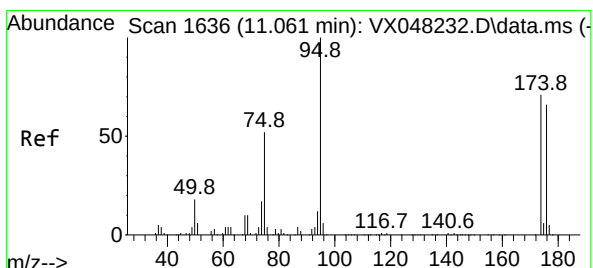
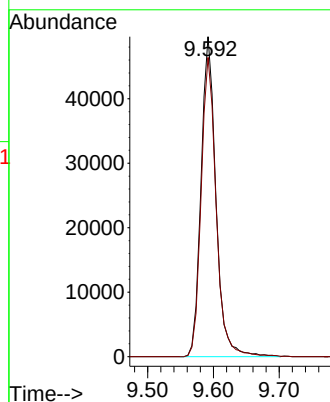
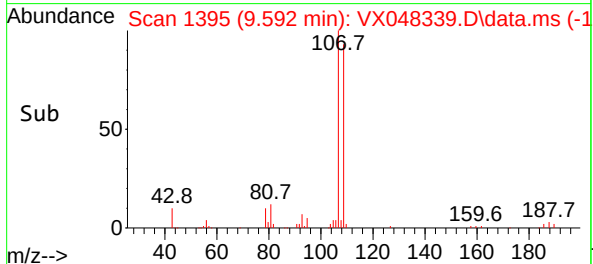
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 78094
Ion Ratio Lower Upper
107 100
109 94.5 77.0 115.4

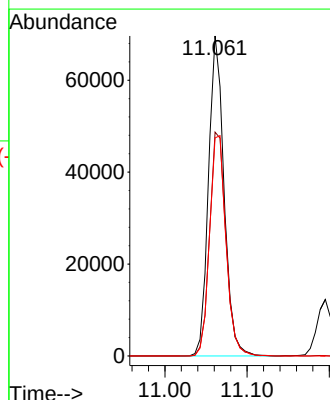
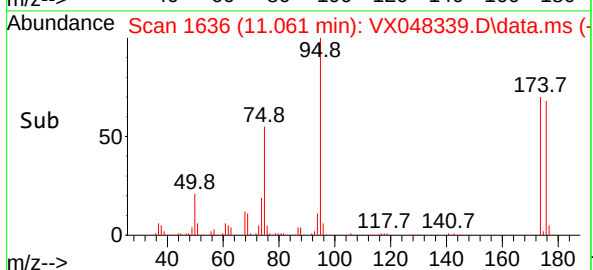
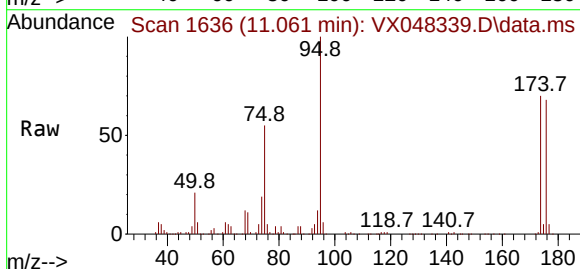
Manual Integrations
APPROVED

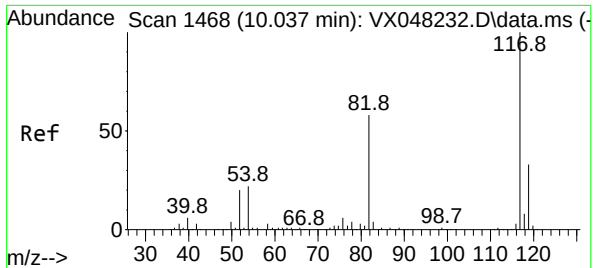
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#62
4-Bromofluorobenzene
Concen: 47.668 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

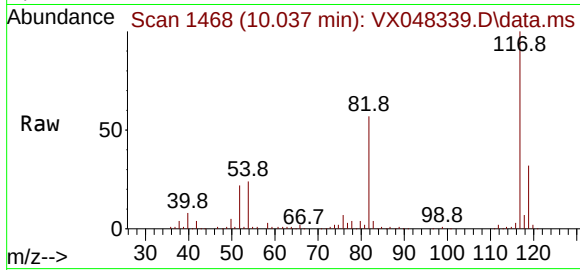
Tgt Ion: 95 Resp: 91425
Ion Ratio Lower Upper
95 100
174 73.5 0.0 147.8
176 72.8 0.0 142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

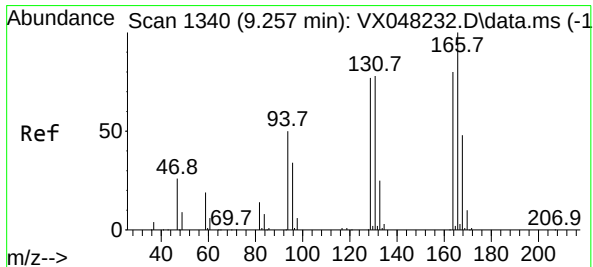
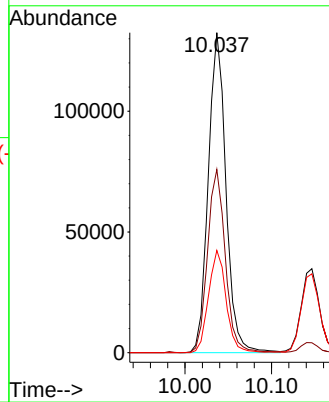
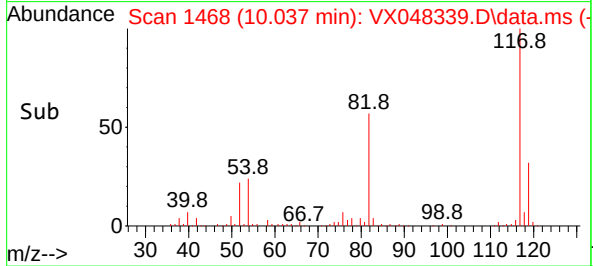
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 18776
Ion Ratio Lower Upper
117 100
82 57.2 46.5 69.7
119 31.9 25.9 38.9

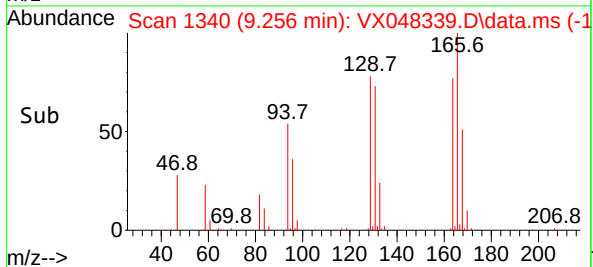
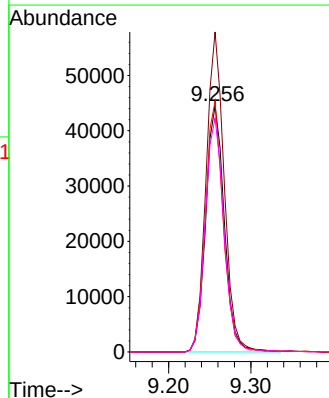
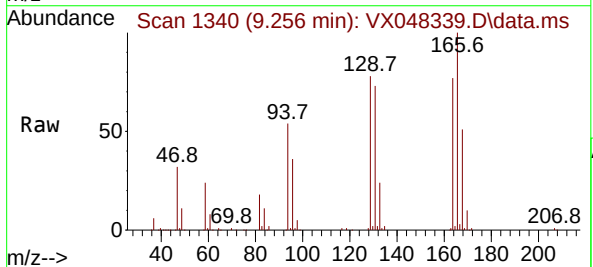
Manual Integrations
APPROVED

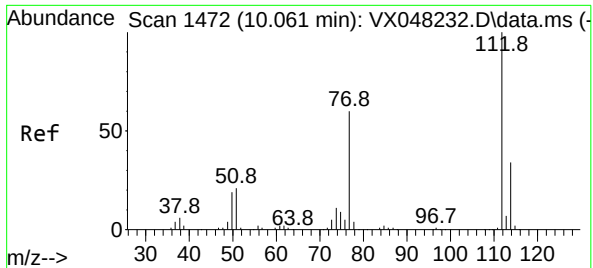
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#64
Tetrachloroethene
Concen: 49.893 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:164 Resp: 69934
Ion Ratio Lower Upper
164 100
166 130.2 104.5 156.7
129 102.0 81.8 122.6
131 95.1 77.0 115.6





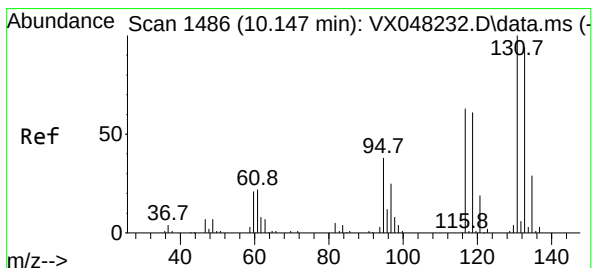
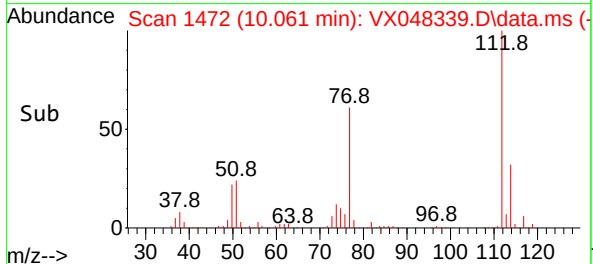
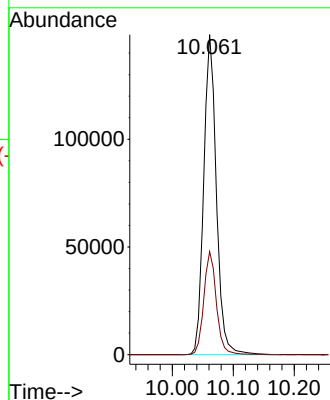
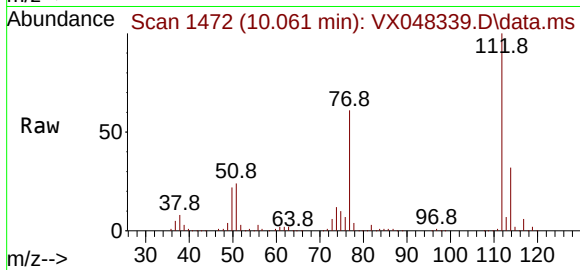
#65
Chlorobenzene
Concen: 50.756 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 21438
Ion Ratio Lower Upper
112 100
114 32.2 26.2 39.2

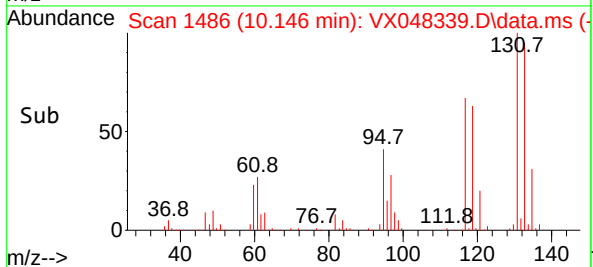
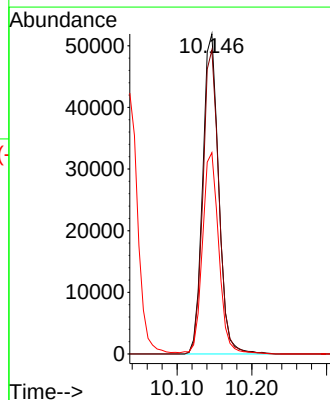
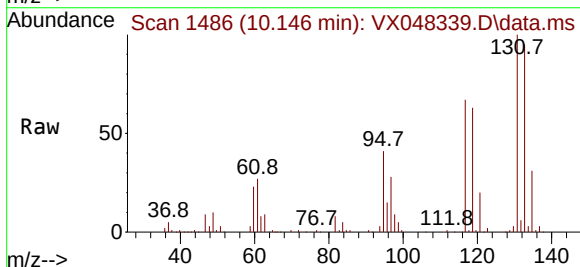
Manual Integrations
APPROVED

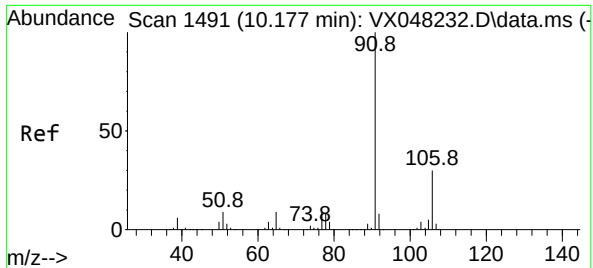
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 49.657 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:131 Resp: 77036
Ion Ratio Lower Upper
131 100
133 95.1 47.6 142.8
119 64.4 32.5 97.5





#67

Ethyl Benzene

Concen: 51.279 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 368764

Ion Ratio Lower Upper

91 100

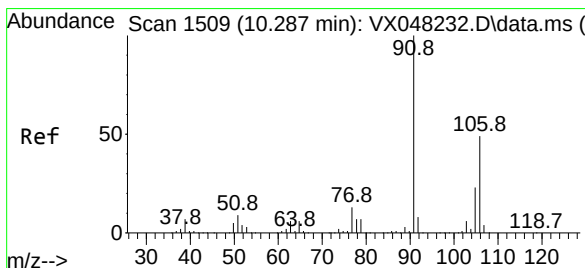
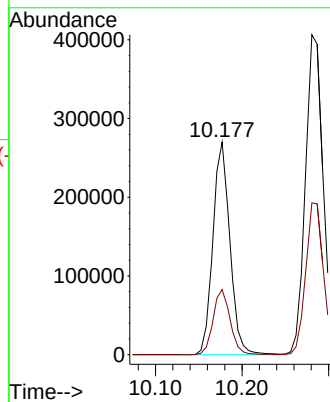
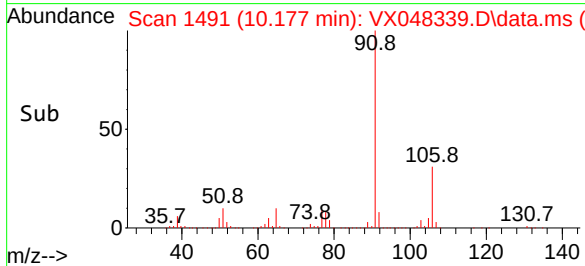
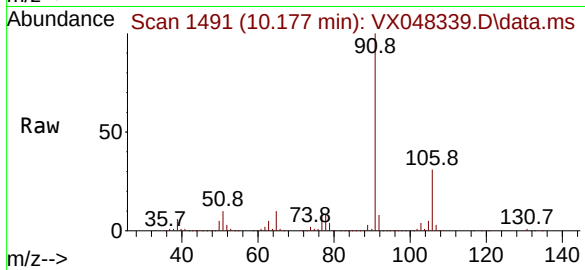
106 30.6 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#68

m/p-Xylenes

Concen: 104.665 ug/l

RT: 10.281 min Scan# 1508

Delta R.T. -0.006 min

Lab File: VX048339.D

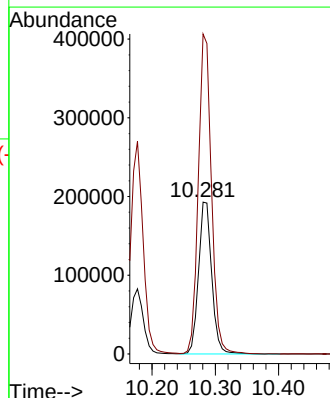
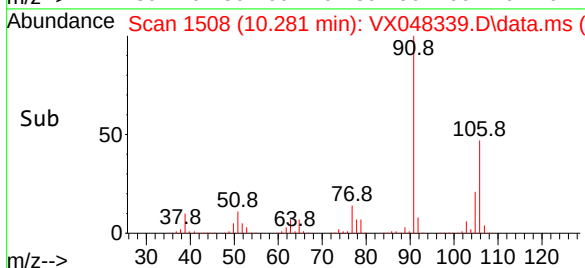
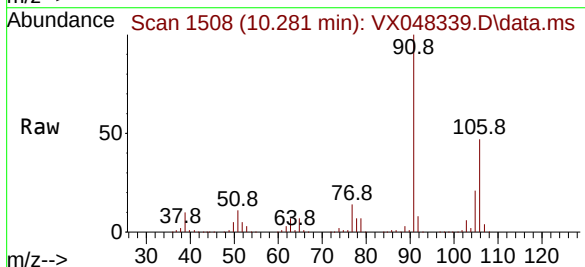
Acq: 24 Oct 2025 09:16

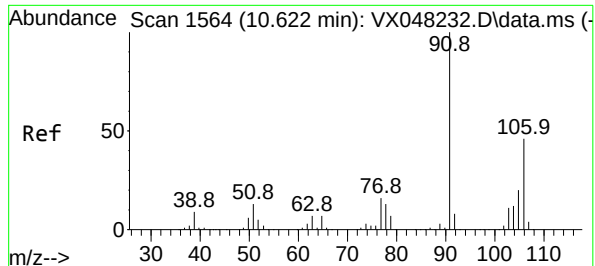
Tgt Ion:106 Resp: 279654

Ion Ratio Lower Upper

106 100

91 210.1 167.9 251.9





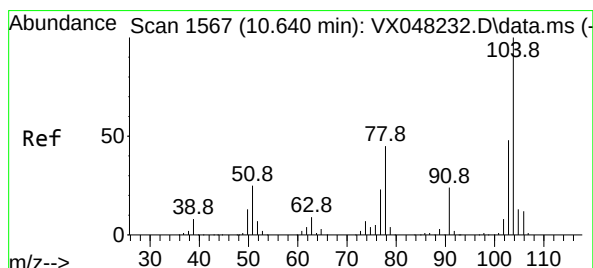
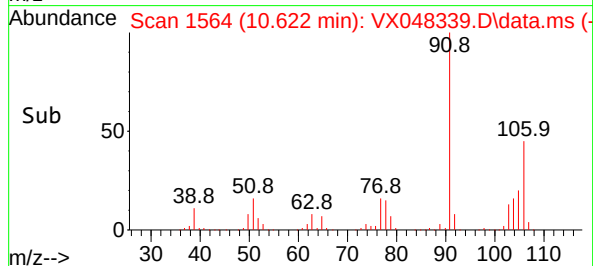
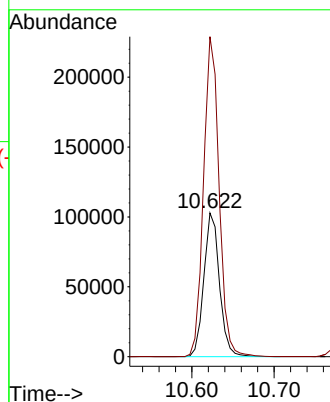
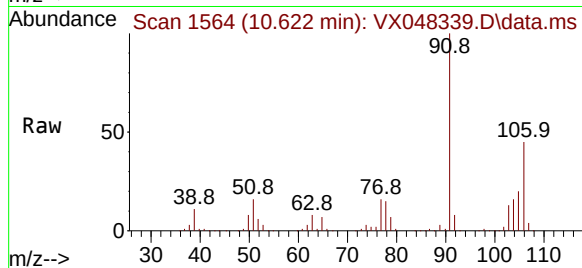
#69
o-Xylene
Concen: 52.509 ug/l
RT: 10.622 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 135450
Ion Ratio Lower Upper
106 100
91 222.2 111.3 333.9

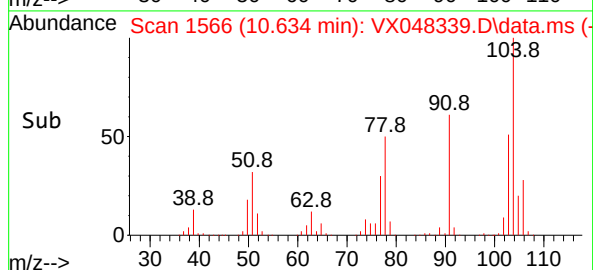
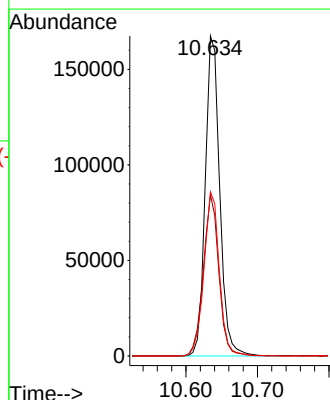
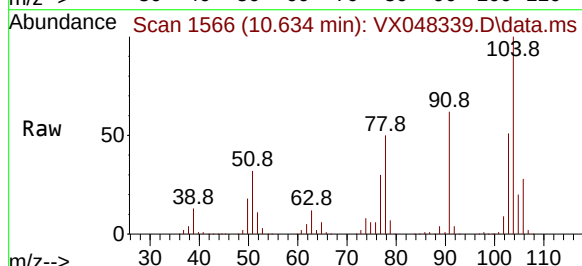
Manual Integrations
APPROVED

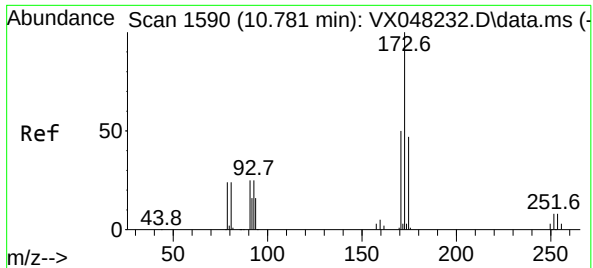
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#70
Styrene
Concen: 53.739 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

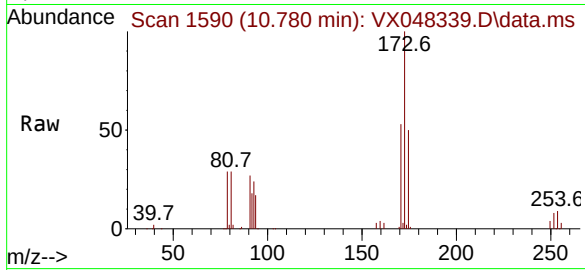
Tgt Ion:104 Resp: 236042
Ion Ratio Lower Upper
104 100
78 53.8 42.2 63.4
103 54.5 43.0 64.4





#71
Bromoform
Concen: 46.878 ug/l
RT: 10.780 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

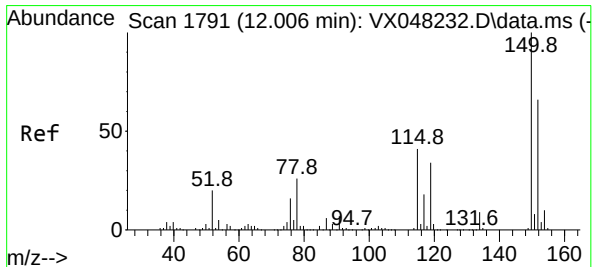
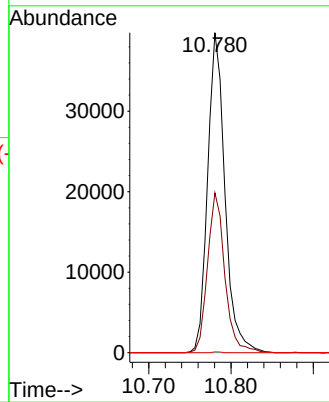
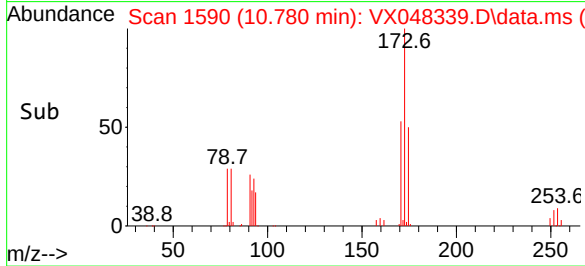
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 58125
Ion Ratio Lower Upper
173 100
175 49.8 24.0 72.0
254 0.1 0.0 0.0

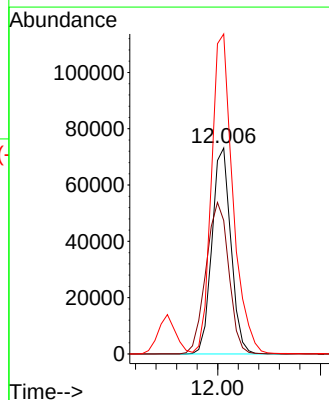
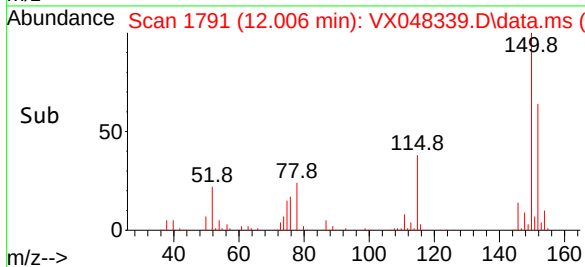
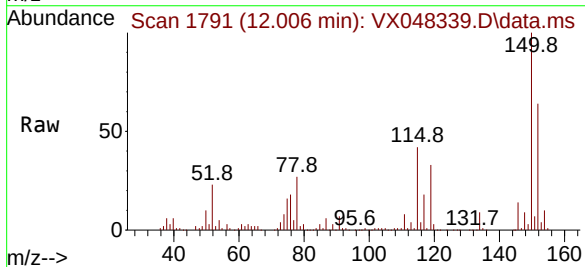
Manual Integrations
APPROVED

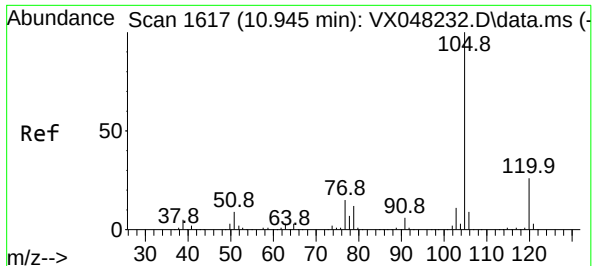
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:152 Resp: 93479
Ion Ratio Lower Upper
152 100
115 88.9 43.1 129.4
150 175.7 0.0 353.0





#73

Isopropylbenzene

Concen: 51.150 ug/l

RT: 10.945 min Scan# 1617

Delta R.T. -0.000 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 349230

Ion Ratio Lower Upper

105 100

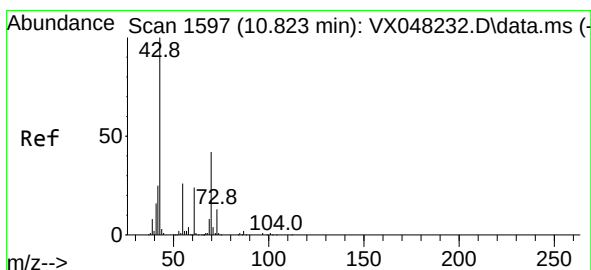
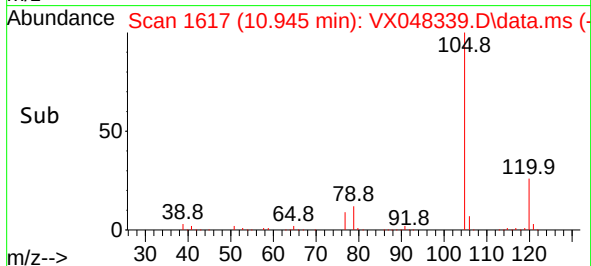
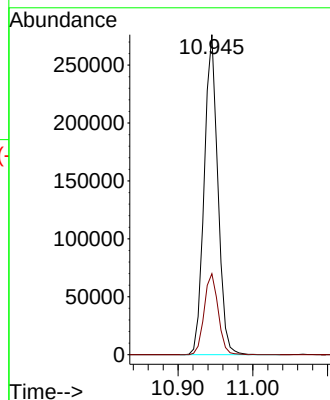
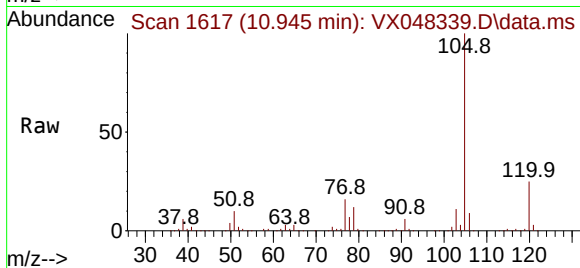
120 25.9 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#74

N-ethyl acetate

Concen: 60.589 ug/l

RT: 10.823 min Scan# 1597

Delta R.T. -0.000 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Tgt Ion: 43 Resp: 146738

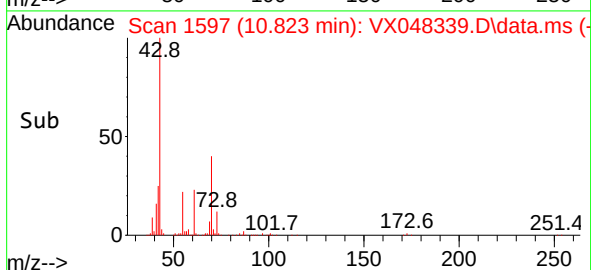
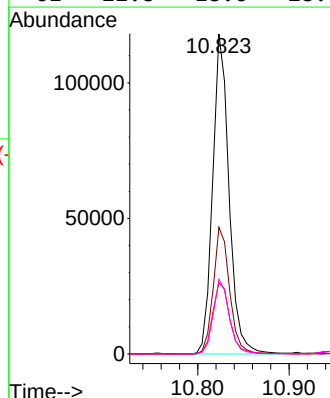
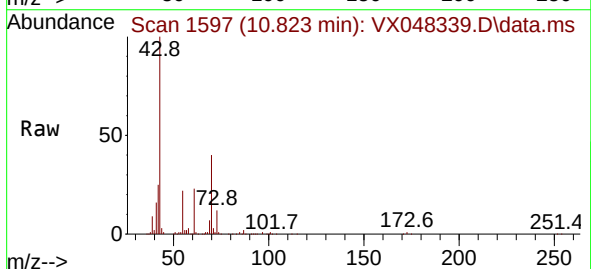
Ion Ratio Lower Upper

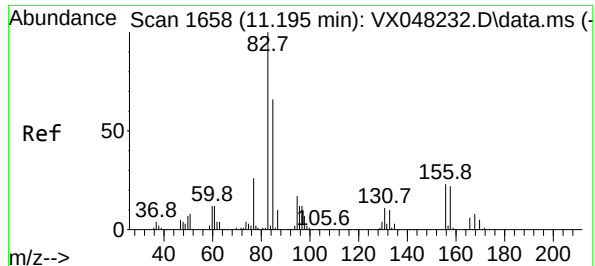
43 100

70 39.6 32.2 48.2

55 23.5 19.1 28.7

61 22.8 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.376 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 9579

Ion Ratio Lower Upper

83 100

131 10.0 4.8 14.4

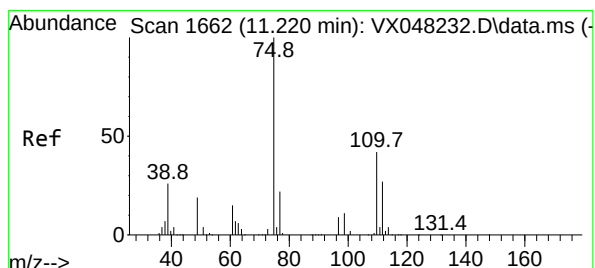
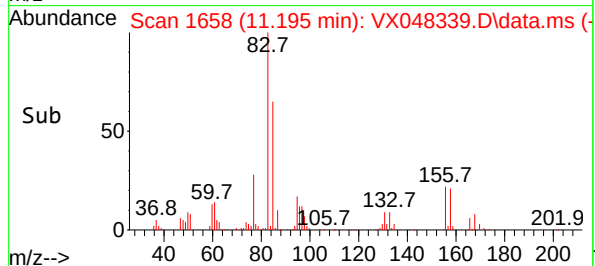
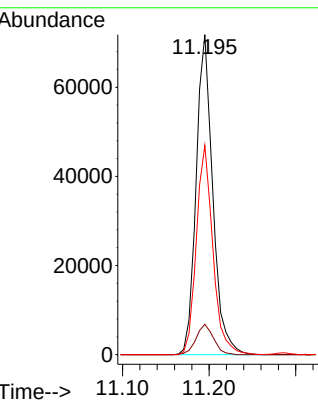
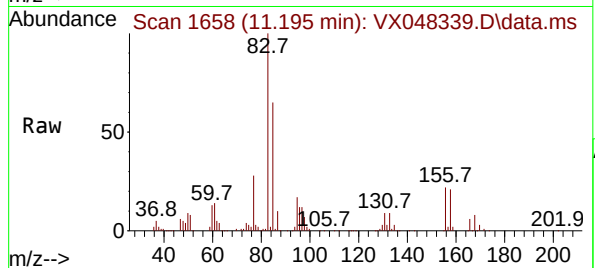
85 65.2 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#76

1,2,3-Trichloropropane

Concen: 51.283 ug/l m

RT: 11.219 min Scan# 1662

Delta R.T. -0.000 min

Lab File: VX048339.D

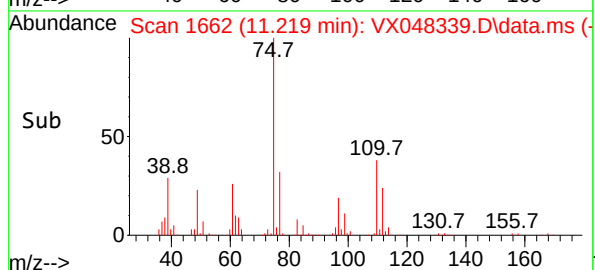
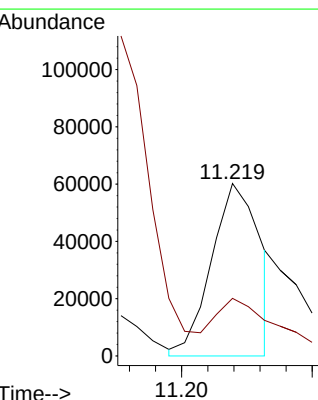
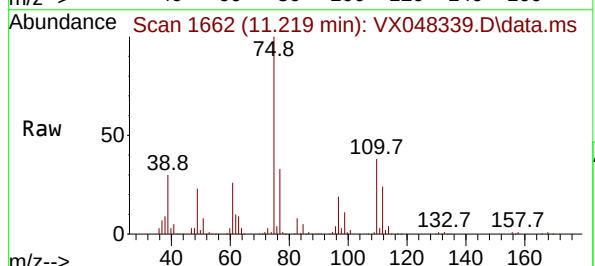
Acq: 24 Oct 2025 09:16

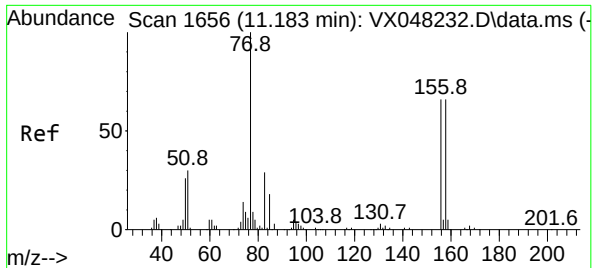
Tgt Ion: 75 Resp: 77740

Ion Ratio Lower Upper

75 100

77 42.3 22.4 67.2





#77

Bromobenzene

Concen: 51.716 ug/l

RT: 11.177 min Scan# 1655

Delta R.T. -0.000 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 88538

Ion Ratio Lower Upper

156 100

77 172.1 87.0 261.0

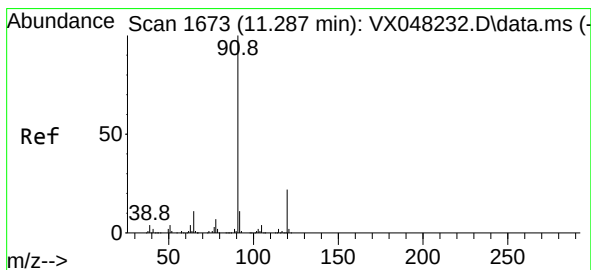
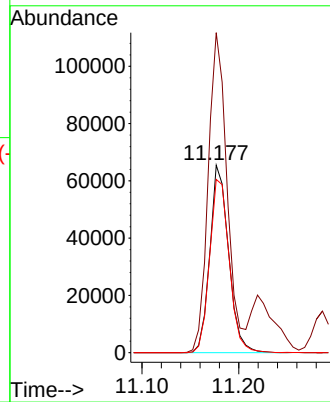
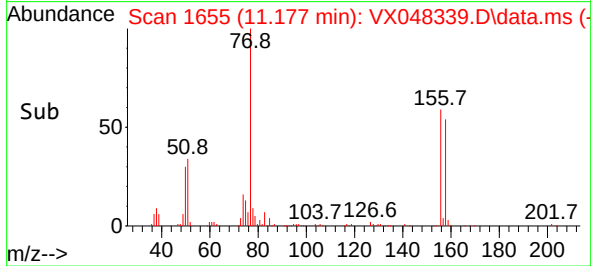
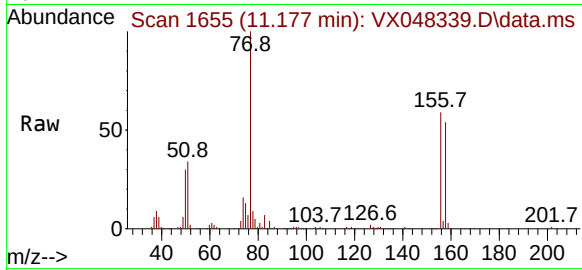
158 96.5 47.8 143.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#78

n-propylbenzene

Concen: 53.181 ug/l

RT: 11.287 min Scan# 1673

Delta R.T. -0.000 min

Lab File: VX048339.D

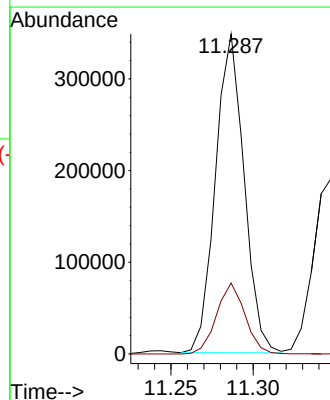
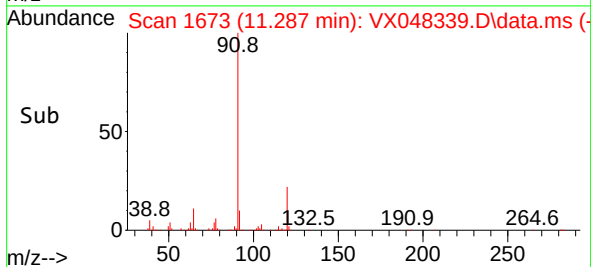
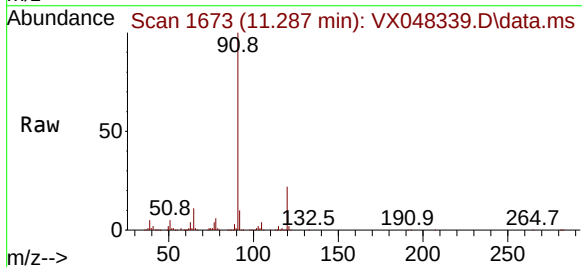
Acq: 24 Oct 2025 09:16

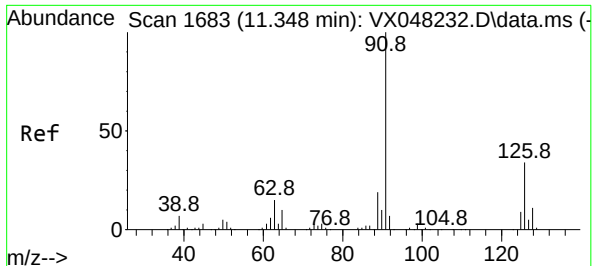
Tgt Ion: 91 Resp: 420413

Ion Ratio Lower Upper

91 100

120 22.2 11.1 33.1





#79

2-Chlorotoluene

Concen: 52.073 ug/l

RT: 11.347 min Scan# 1683

Delta R.T. -0.000 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 24958

Ion Ratio Lower Upper

91 100

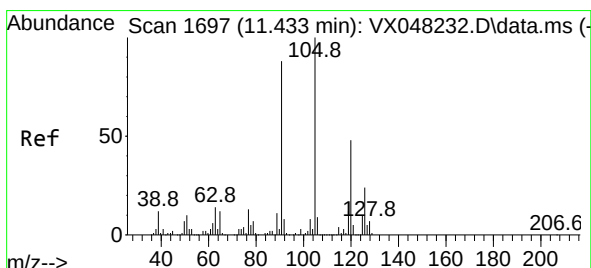
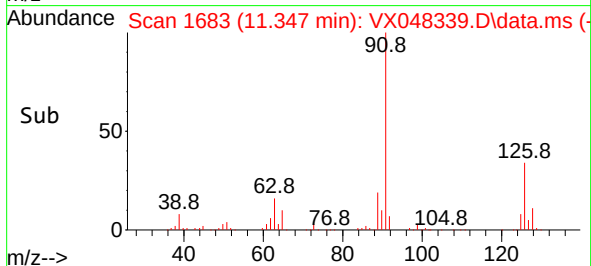
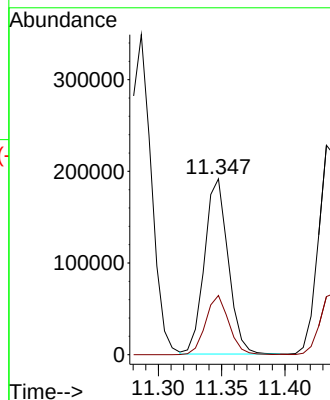
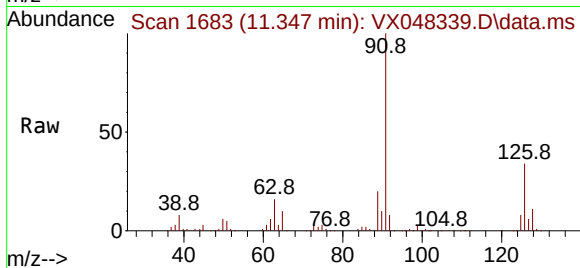
126 33.2 16.4 49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#80

1,3,5-Trimethylbenzene

Concen: 51.224 ug/l

RT: 11.433 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VX048339.D

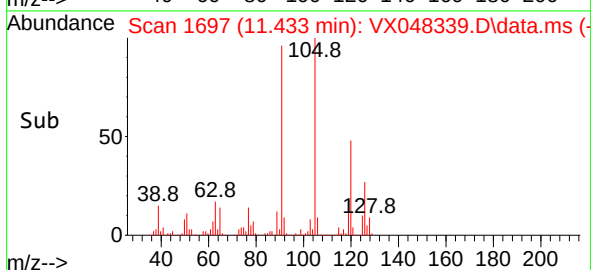
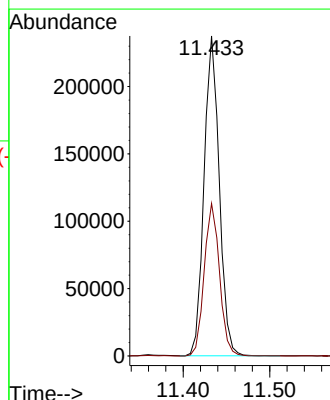
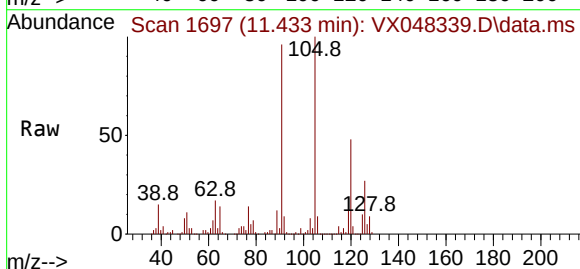
Acq: 24 Oct 2025 09:16

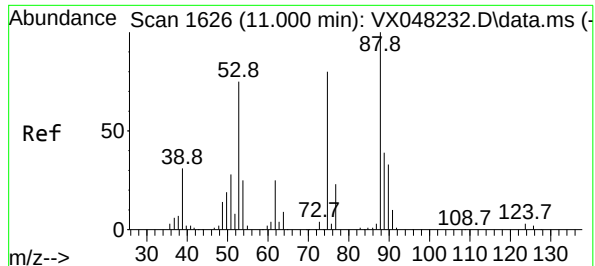
Tgt Ion:105 Resp: 289432

Ion Ratio Lower Upper

105 100

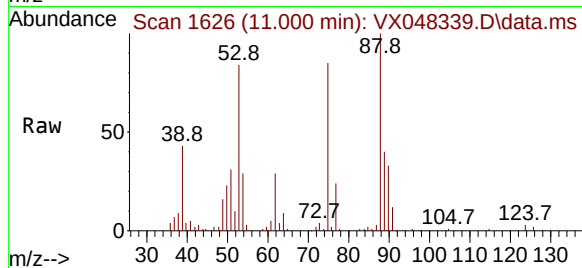
120 48.0 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 35.976 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

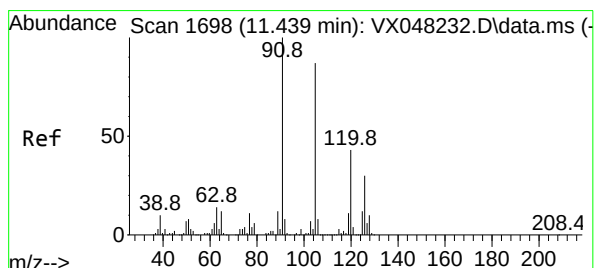
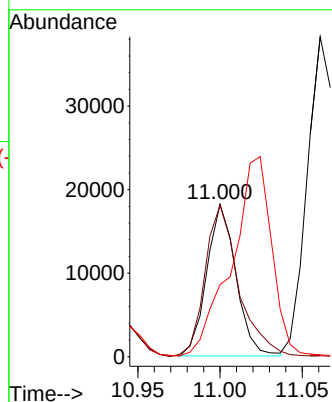
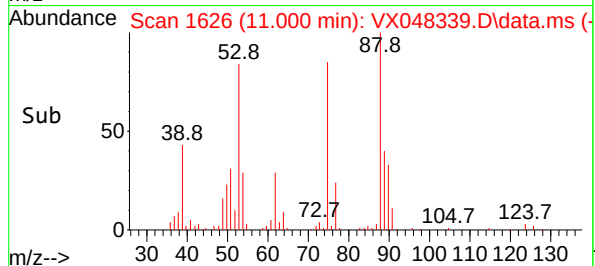
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 22410
Ion Ratio Lower Upper
75 100
53 116.5 79.5 119.3
89 0.0 36.8 55.2

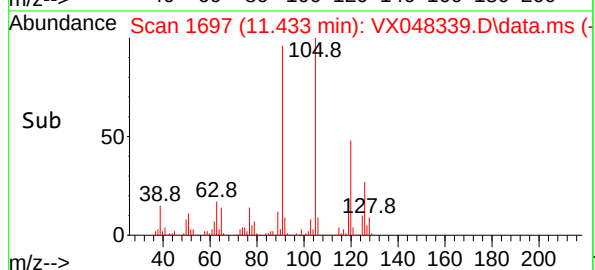
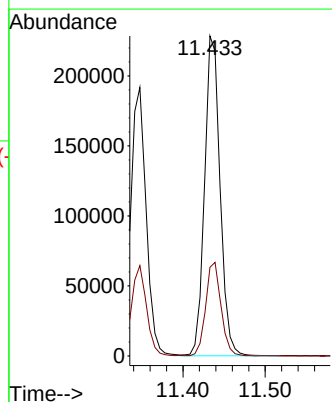
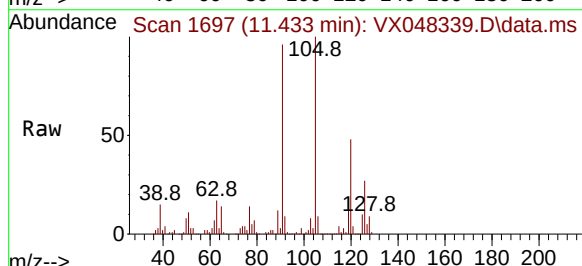
Manual Integrations
APPROVED

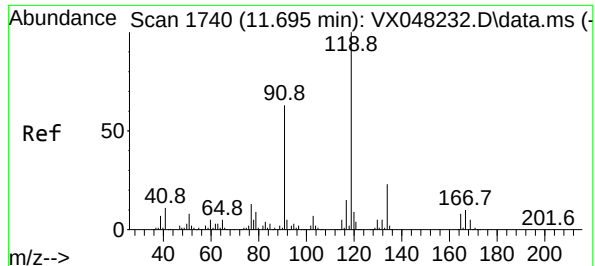
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#82
4-Chlorotoluene
Concen: 52.497 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 91 Resp: 298685
Ion Ratio Lower Upper
91 100
126 29.1 14.1 42.4





#83

tert-Butylbenzene

Concen: 50.006 ug/l

RT: 11.695 min Scan# 1740

Delta R.T. -0.000 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 290300

Ion Ratio Lower Upper

119 100

91 60.6 30.3 91.0

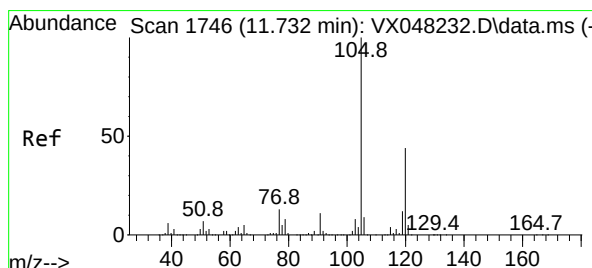
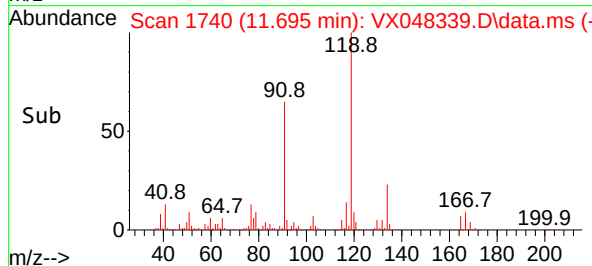
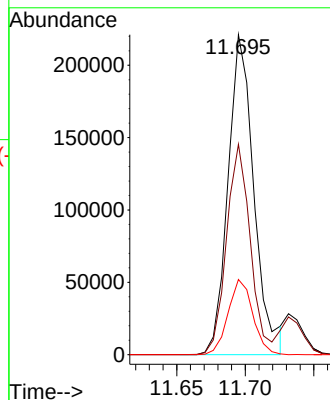
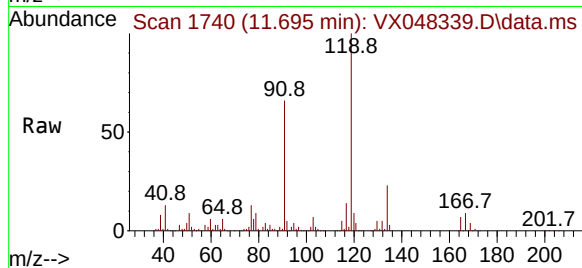
134 22.5 11.4 34.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#84

1,2,4-Trimethylbenzene

Concen: 51.728 ug/l

RT: 11.732 min Scan# 1746

Delta R.T. -0.000 min

Lab File: VX048339.D

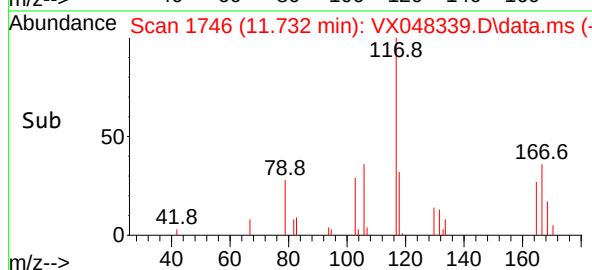
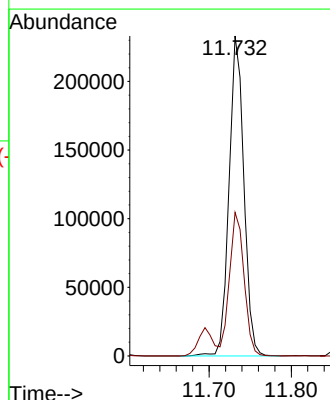
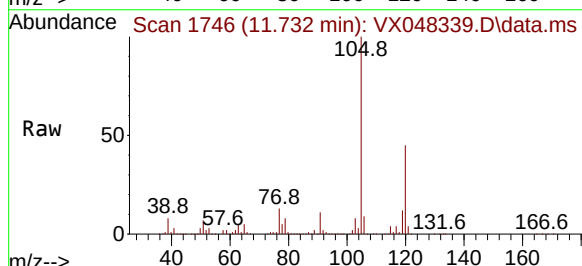
Acq: 24 Oct 2025 09:16

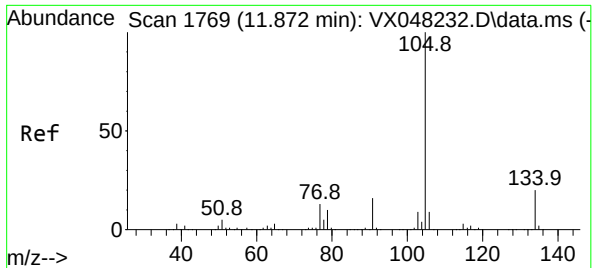
Tgt Ion:105 Resp: 291688

Ion Ratio Lower Upper

105 100

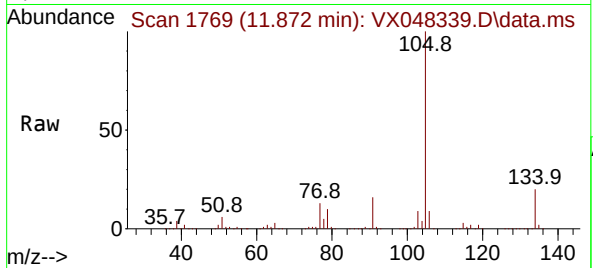
120 44.2 22.1 66.5





#85
sec-Butylbenzene
Concen: 50.910 ug/l
RT: 11.872 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

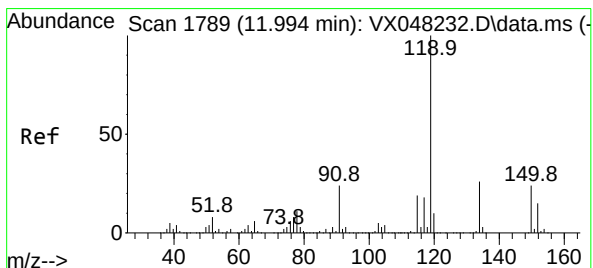
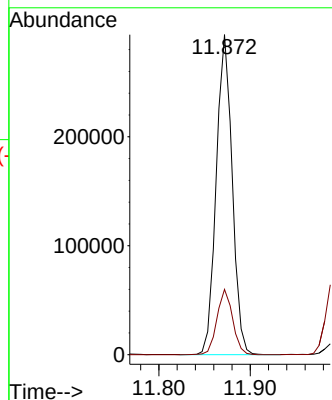
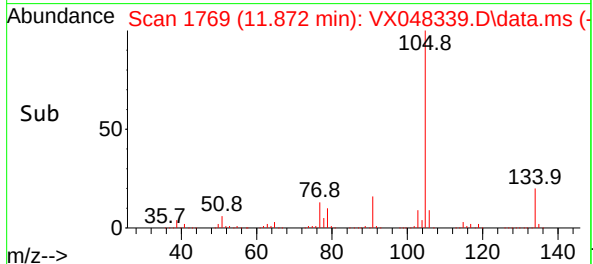
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



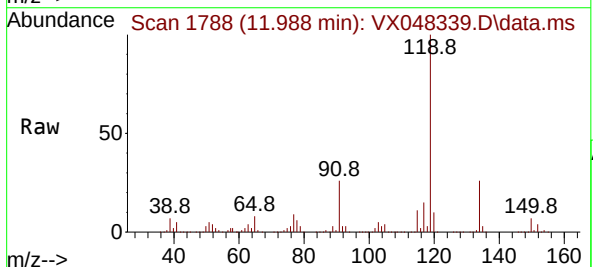
Tgt Ion:105 Resp: 355586
Ion Ratio Lower Upper
105 100
134 20.1 10.1 30.1

Manual Integrations
APPROVED

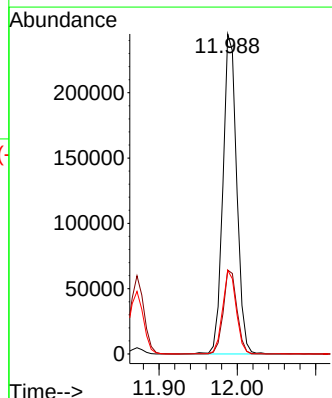
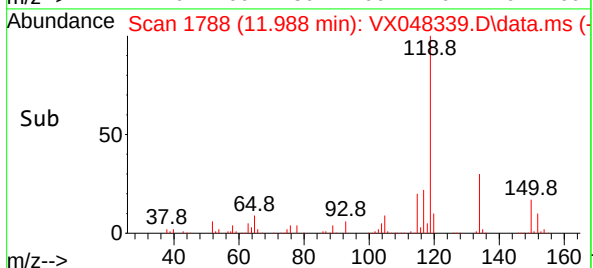
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

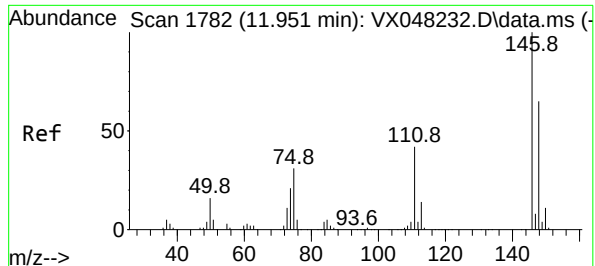


#86
p-Isopropyltoluene
Concen: 49.821 ug/l
RT: 11.988 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16



Tgt Ion:119 Resp: 300777
Ion Ratio Lower Upper
119 100
134 26.0 13.0 39.0
91 25.7 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 50.069 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 161594

Ion Ratio Lower Upper

146 100

111 42.4 20.4 61.2

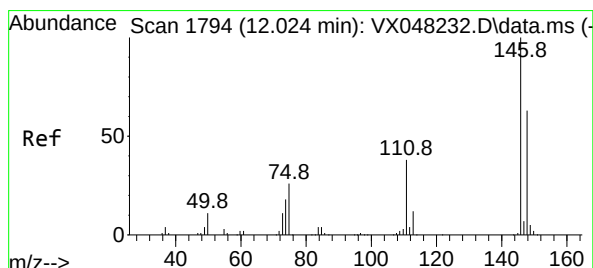
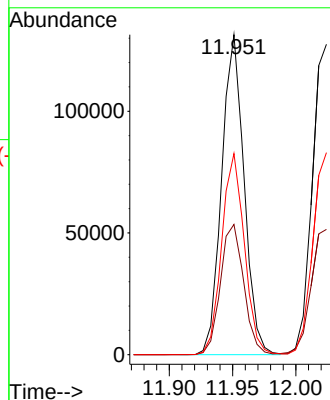
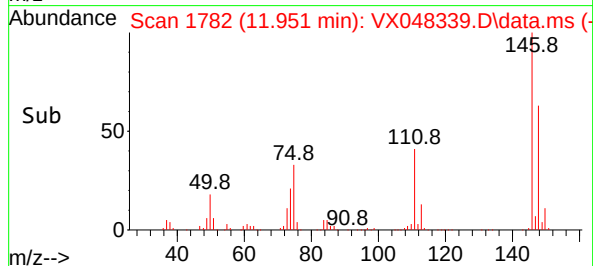
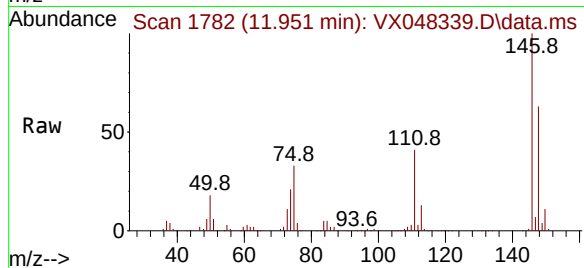
148 63.6 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#88

1,4-Dichlorobenzene

Concen: 49.095 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

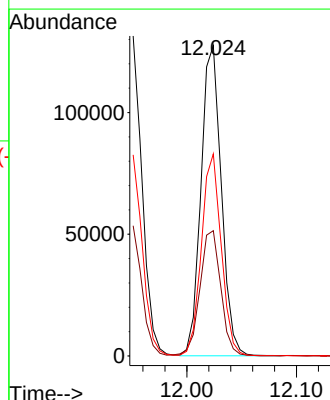
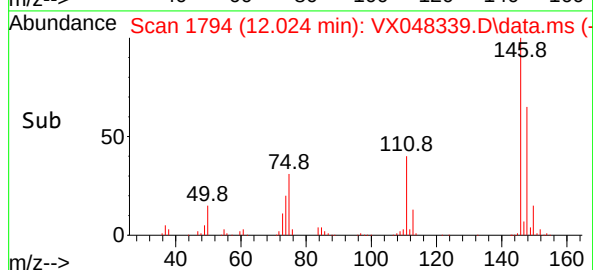
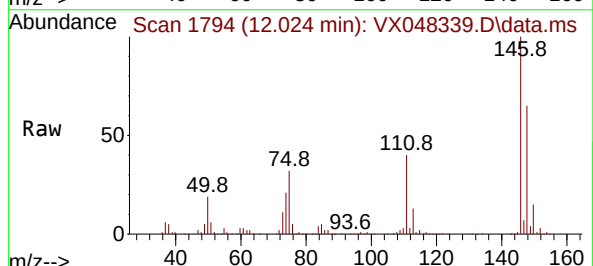
Tgt Ion:146 Resp: 164145

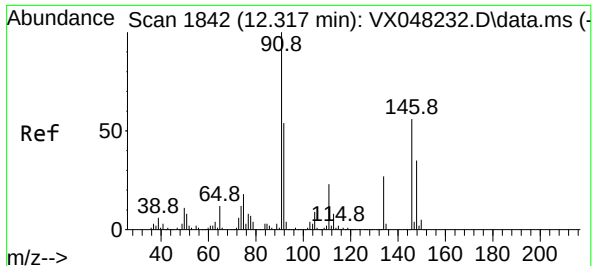
Ion Ratio Lower Upper

146 100

111 41.5 20.1 60.2

148 63.5 31.8 95.3





#89

n-Butylbenzene

Concen: 50.804 ug/l

RT: 12.311 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 27916

Ion Ratio Lower Upper

91 100

92 54.0 26.9 80.6

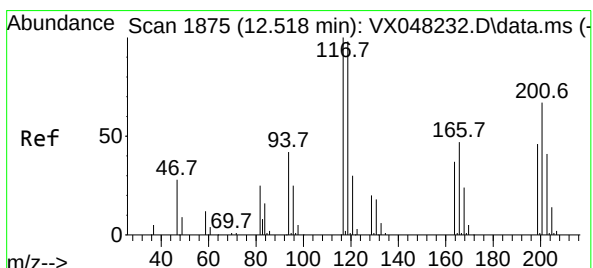
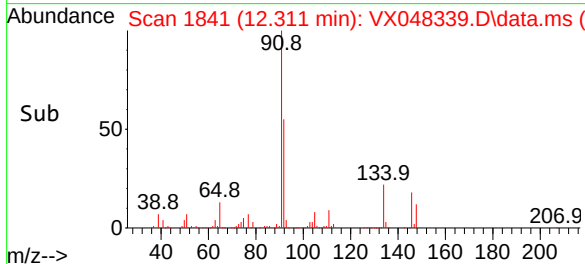
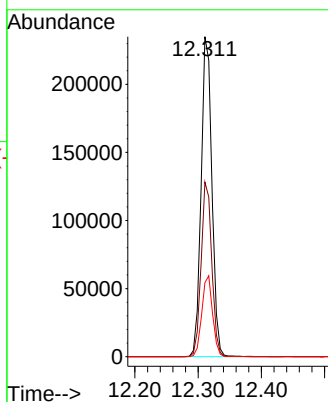
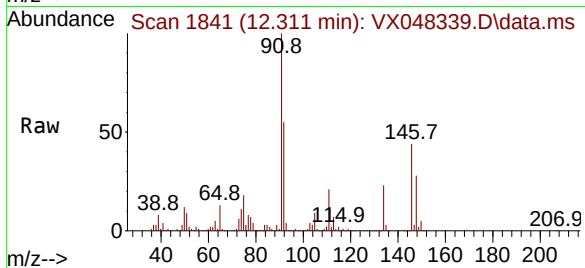
134 25.2 12.7 38.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#90

Hexachloroethane

Concen: 44.242 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VX048339.D

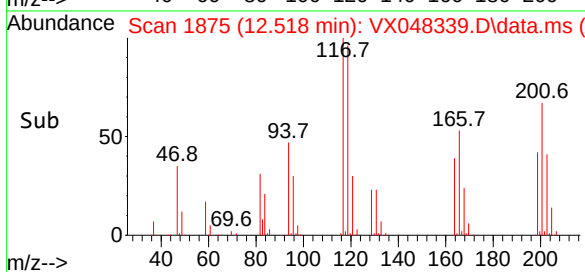
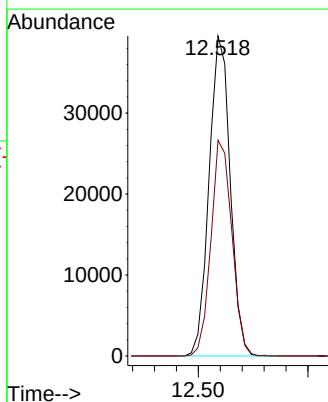
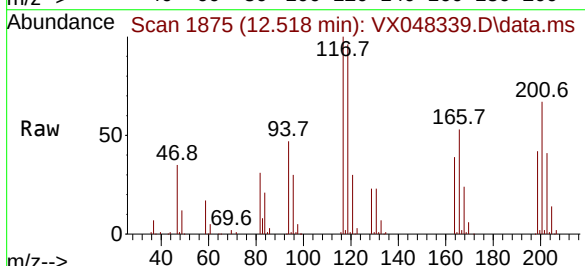
Acq: 24 Oct 2025 09:16

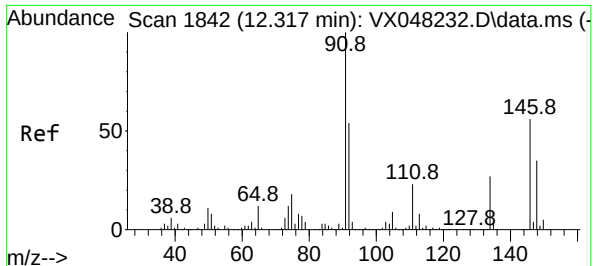
Tgt Ion:117 Resp: 52745

Ion Ratio Lower Upper

117 100

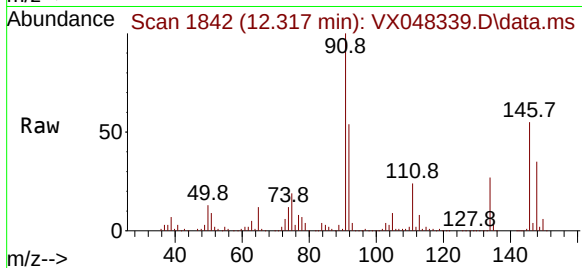
201 67.2 34.1 102.2





#91
1,2-Dichlorobenzene
Concen: 50.288 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

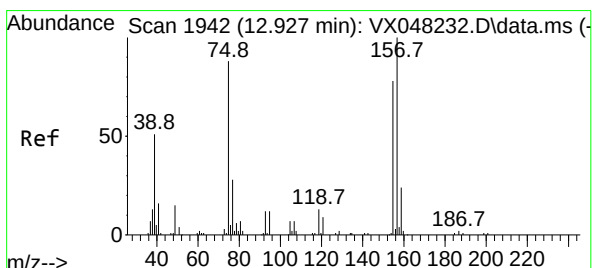
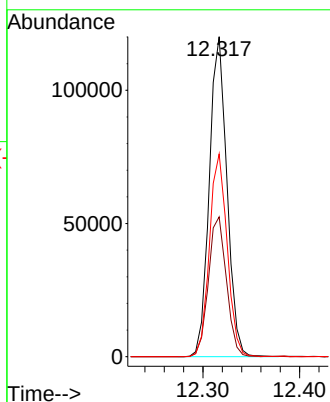
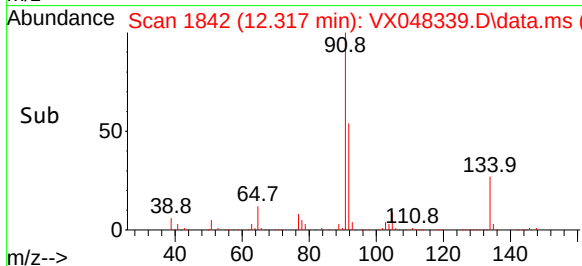
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 152380
Ion Ratio Lower Upper
146 100
111 44.8 21.9 65.5
148 63.7 31.9 95.5

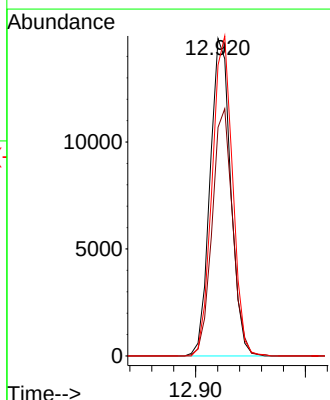
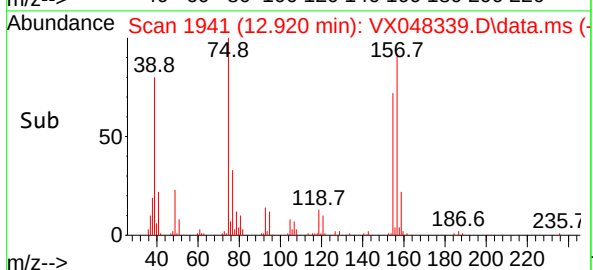
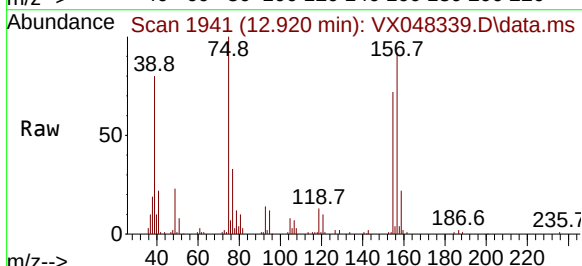
Manual Integrations
APPROVED

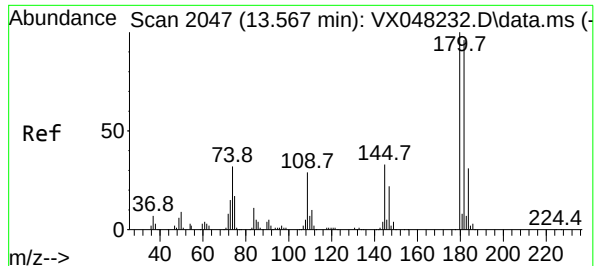
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.374 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 75 Resp: 19444
Ion Ratio Lower Upper
75 100
155 77.0 42.8 128.4
157 99.5 54.2 162.6





#93

1,2,4-Trichlorobenzene

Concen: 49.644 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 101730

Ion Ratio Lower Upper

180 100

182 93.6 47.3 142.0

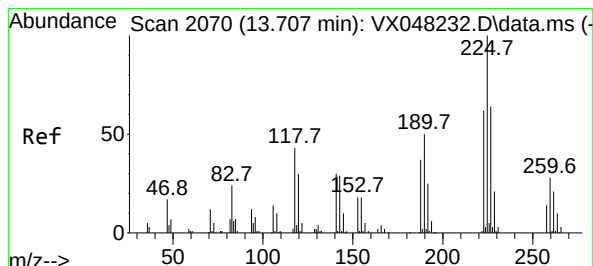
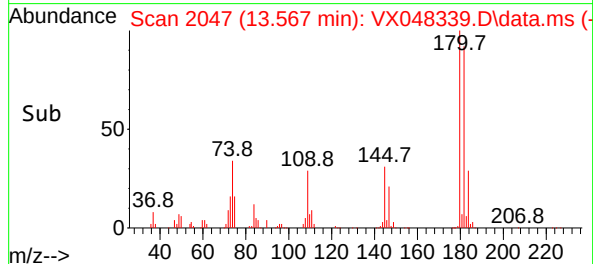
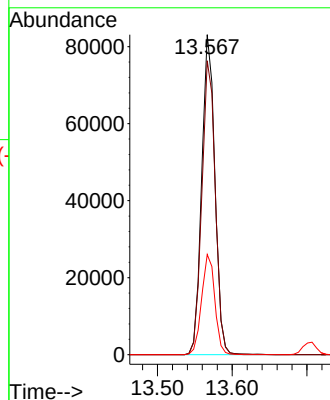
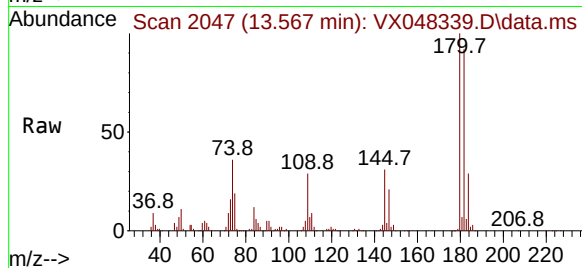
145 31.4 16.3 48.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#94

Hexachlorobutadiene

Concen: 48.406 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. 0.006 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

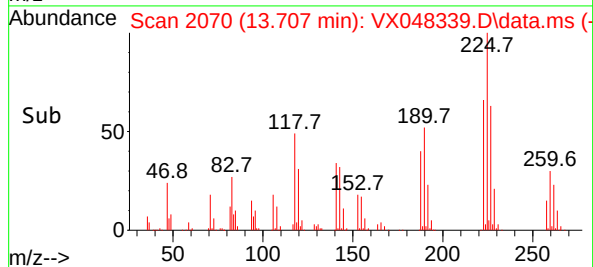
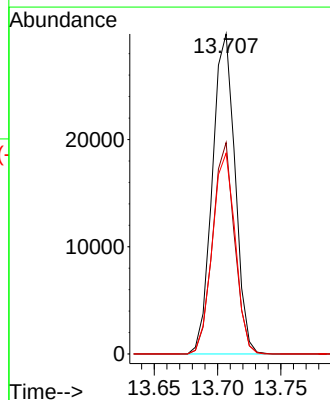
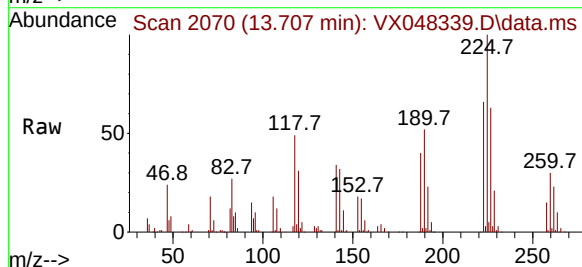
Tgt Ion:225 Resp: 37168

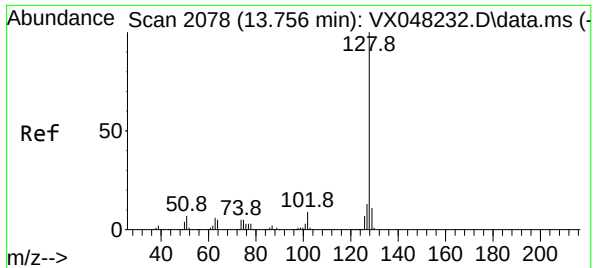
Ion Ratio Lower Upper

225 100

223 63.9 32.6 97.7

227 63.3 32.5 97.4





#95

Naphthalene

Concen: 51.198 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. -0.000 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 277950

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

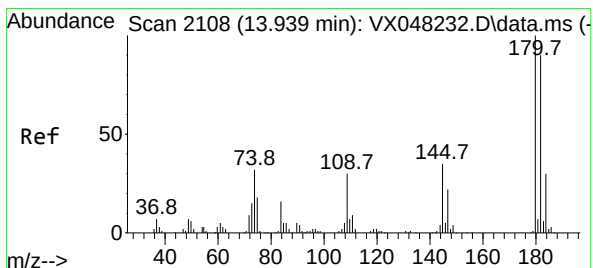
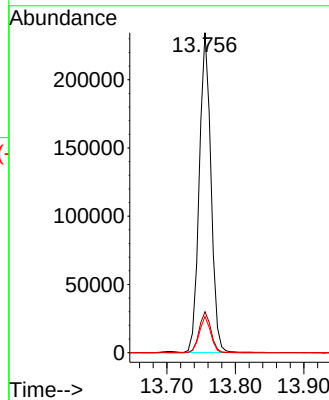
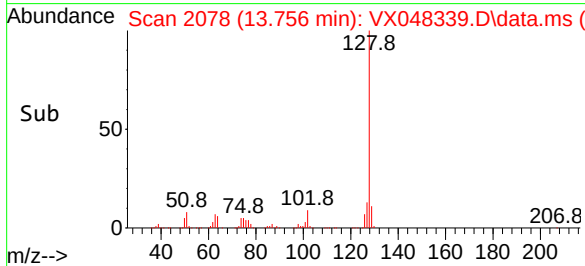
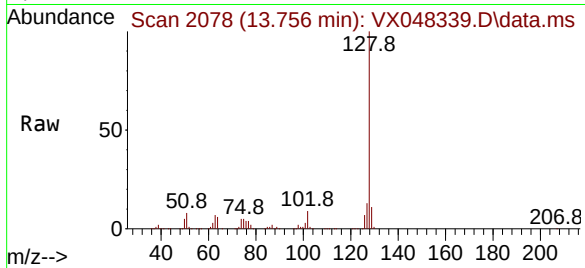
129 11.0 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#96

1,2,3-Trichlorobenzene

Concen: 49.409 ug/l

RT: 13.938 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

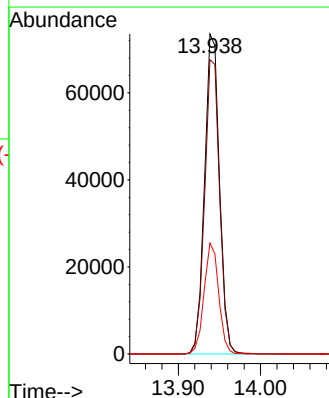
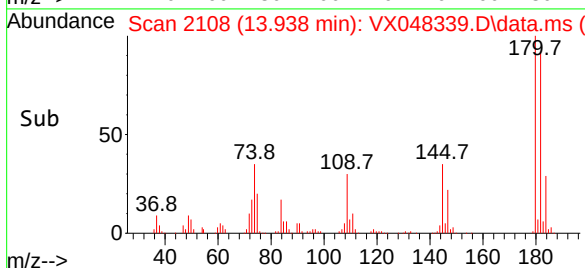
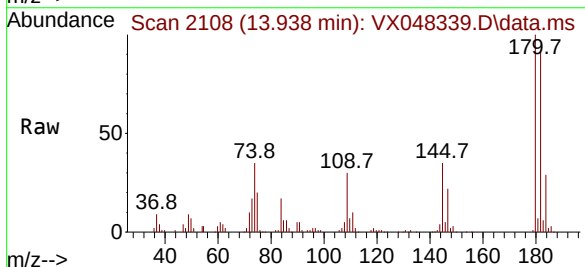
Tgt Ion:180 Resp: 92908

Ion Ratio Lower Upper

180 100

182 92.8 46.6 139.7

145 34.1 16.9 50.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
 Data File : VX048339.D
 Acq On : 24 Oct 2025 09:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 24 22:59:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	100	-0.01
2 T	Dichlorodifluoromethane	0.514	0.473	8.0	98	0.00
3 P	Chloromethane	0.480	0.229	52.3#	51	0.00
4 C	Vinyl Chloride	0.444	0.627	-41.2#	151#	0.00
5 T	Bromomethane	0.302	0.247	18.2	88	0.00
6 T	Chloroethane	0.261	0.385	-47.5#	157#	0.00
7 T	Trichlorofluoromethane	0.852	1.083	-27.1#	135	0.00
8 T	Diethyl Ether	0.240	0.398	-65.8#	179#	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.540	0.599	-10.9	120	0.00
10 T	Methyl Iodide	0.678	2.228	-228.6#	337#	0.00
11 T	Tert butyl alcohol	0.070	0.068	2.9	110	0.00
12 CM	1,1-Dichloroethene	0.525	0.572	-9.0#	119	0.00
13 T	Acrolein	0.071	0.112	-57.7#	173#	0.00
14 T	Allyl chloride	0.872	1.012	-16.1	126	0.00
15 T	Acrylonitrile	0.251	0.288	-14.7	121	0.00
16 T	Acetone	0.240	0.163	32.1#	81	0.00
17 T	Carbon Disulfide	1.654	1.568	5.2	109	0.00
18 T	Methyl Acetate	0.502	0.625	-24.5	135	0.00
19 T	Methyl tert-butyl Ether	1.791	2.096	-17.0	124	0.00
20 T	Methylene Chloride	0.586	0.645	-10.1	117	0.00
21 T	trans-1,2-Dichloroethene	0.577	0.618	-7.1	116	0.00
22 T	Diisopropyl ether	1.738	2.240	-28.9#	135	0.00
23 T	Vinyl Acetate	1.389	1.580	-13.8	118	0.00
24 P	1,1-Dichloroethane	1.051	1.184	-12.7	122	0.00
25 T	2-Butanone	0.304	0.271	10.9	97	0.00
26 T	2,2-Dichloropropane	0.949	1.024	-7.9	117	0.00
27 T	cis-1,2-Dichloroethene	0.673	0.745	-10.7	120	-0.01
28 T	Bromochloromethane	0.436	0.503	-15.4	114	0.00
29 T	Tetrahydrofuran	0.182	0.208	-14.3	122	-0.01
30 C	Chloroform	1.123	1.261	-12.3#	121	0.00
31 T	Cyclohexane	0.870	0.968	-11.3	118	0.00
32 T	1,1,1-Trichloroethane	1.035	1.083	-4.6	112	0.00
33 S	1,2-Dichloroethane-d4	0.701	0.754	-7.6	111	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
35 S	Dibromofluoromethane	0.341	0.277	18.8	88	0.00
36 T	1,1-Dichloropropene	0.485	0.487	-0.4	117	0.00
37 T	Ethyl Acetate	0.402	0.441	-9.7	125	-0.01
38 T	Carbon Tetrachloride	0.599	0.550	8.2	104	0.00
39 T	Methylcyclohexane	0.573	0.580	-1.2	112	0.00
40 TM	Benzene	1.409	1.480	-5.0	119	0.00
41 T	Methacrylonitrile	0.211	0.241	-14.2	123	0.00
42 TM	1,2-Dichloroethane	0.520	0.592	-13.8	123	0.00
43 T	Isopropyl Acetate	0.661	0.777	-17.5	128	0.00
44 TM	Trichloroethene	0.372	0.374	-0.5	112	0.00
45 C	1,2-Dichloropropane	0.335	0.378	-12.8#	123	0.00
46 T	Dibromomethane	0.261	0.280	-7.3	118	0.00
47 T	Bromodichloromethane	0.563	0.596	-5.9	116	0.00
48 T	Methyl methacrylate	0.333	0.395	-18.6	128	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
 Data File : VX048339.D
 Acq On : 24 Oct 2025 09:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 24 22:59:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.004	0.004	0.0	102	0.00
50 S	Toluene-d8	1.196	1.133	5.3	100	0.00
51 T	4-Methyl-2-Pentanone	0.381	0.433	-13.6	120	0.00
52 CM	Toluene	0.895	0.919	-2.7#	111	0.00
53 T	t-1,3-Dichloropropene	0.543	0.557	-2.6	107	0.00
54 T	cis-1,3-Dichloropropene	0.586	0.572	2.4	104	0.00
55 T	1,1,2-Trichloroethane	0.333	0.360	-8.1	117	0.00
56 T	Ethyl methacrylate	0.487	0.536	-10.1	114	0.00
57 T	1,3-Dichloropropane	0.568	0.614	-8.1	117	0.00
58 T	2-Chloroethyl Vinyl ether	0.232	0.314	-35.3#	126	0.00
59 T	2-Hexanone	0.266	0.273	-2.6	107	0.00
60 T	Dibromochloromethane	0.447	0.437	2.2	107	0.00
61 T	1,2-Dibromoethane	0.355	0.371	-4.5	113	0.00
62 S	4-Bromofluorobenzene	0.455	0.434	4.6	102	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
64 T	Tetrachloroethene	0.373	0.372	0.3	116	0.00
65 PM	Chlorobenzene	1.125	1.142	-1.5	111	0.00
66 T	1,1,1,2-Tetrachloroethane	0.413	0.410	0.7	107	0.00
67 C	Ethyl Benzene	1.915	1.964	-2.6#	110	0.00
68 T	m/p-Xylenes	0.712	0.745	-4.6	110	0.00
69 T	o-Xylene	0.687	0.721	-4.9	110	0.00
70 T	Styrene	1.170	1.257	-7.4	112	0.00
71 P	Bromoform	0.330	0.310	6.1	102	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	0.00
73 T	Isopropylbenzene	3.652	3.736	-2.3	110	0.00
74 T	N-amyl acetate	1.295	1.570	-21.2	127	0.00
75 P	1,1,2,2-Tetrachloroethane	0.997	1.025	-2.8	109	0.00
76 T	1,2,3-Trichloropropane	0.811	0.832	-2.6	114	0.00
77 T	Bromobenzene	0.916	0.947	-3.4	111	0.00
78 T	n-propylbenzene	4.228	4.497	-6.4	113	0.00
79 T	2-Chlorotoluene	2.564	2.670	-4.1	112	0.00
80 T	1,3,5-Trimethylbenzene	3.022	3.096	-2.4	109	0.00
81 T	trans-1,4-Dichloro-2-butene	0.333	0.240	27.9#	77	0.00
82 T	4-Chlorotoluene	3.043	3.195	-5.0	112	0.00
83 T	tert-Butylbenzene	3.105	3.106	-0.0	107	0.00
84 T	1,2,4-Trimethylbenzene	3.016	3.120	-3.4	110	0.00
85 T	sec-Butylbenzene	3.736	3.804	-1.8	110	0.00
86 T	p-Isopropyltoluene	3.229	3.218	0.3	109	0.00
87 T	1,3-Dichlorobenzene	1.726	1.729	-0.2	112	0.00
88 T	1,4-Dichlorobenzene	1.788	1.756	1.8	112	0.00
89 T	n-Butylbenzene	2.939	2.986	-1.6	115	0.00
90 T	Hexachloroethane	0.638	0.564	11.6	100	0.00
91 T	1,2-Dichlorobenzene	1.621	1.630	-0.6	110	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.202	0.208	-3.0	108	0.00
93 T	1,2,4-Trichlorobenzene	1.096	1.088	0.7	114	0.00
94 T	Hexachlorobutadiene	0.507	0.398	21.5	107	0.00
95 T	Naphthalene	2.904	2.973	-2.4	108	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048339.D
Acq On : 24 Oct 2025 09:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 24 22:59:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.006	0.994	1.2	110	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
 Data File : VX048339.D
 Acq On : 24 Oct 2025 09:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 24 22:59:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	100	-0.01
2 T	Dichlorodifluoromethane	50.000	45.970	8.1	98	0.00
3 P	Chloromethane	50.000	23.900	52.2#	51	0.00
4 C	Vinyl Chloride	50.000	70.590	-41.2#	151	0.00
5 T	Bromomethane	50.000	40.909	18.2	88	0.00
6 T	Chloroethane	50.000	73.704	-47.4#	157	0.00
7 T	Trichlorofluoromethane	50.000	63.576	-27.2#	135	0.00
8 T	Diethyl Ether	50.000	82.980	-66.0#	179	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	55.546	-11.1	120	0.00
10 T	Methyl Iodide	50.000	164.198	-228.4#	337	0.00
11 T	Tert butyl alcohol	250.000	244.130	2.3	110	0.00
12 CM	1,1-Dichloroethene	50.000	54.527	-9.1#	119	0.00
13 T	Acrolein	250.000	394.484	-57.8#	173	0.00
14 T	Allyl chloride	50.000	58.086	-16.2	126	0.00
15 T	Acrylonitrile	250.000	287.081	-14.8	121	0.00
16 T	Acetone	250.000	169.814	32.1#	81	0.00
17 T	Carbon Disulfide	50.000	47.388	5.2	109	0.00
18 T	Methyl Acetate	50.000	62.192	-24.4	135	0.00
19 T	Methyl tert-butyl Ether	50.000	58.527	-17.1	124	0.00
20 T	Methylene Chloride	50.000	55.018	-10.0	117	0.00
21 T	trans-1,2-Dichloroethene	50.000	53.552	-7.1	116	0.00
22 T	Diisopropyl ether	50.000	64.418	-28.8#	135	0.00
23 T	Vinyl Acetate	250.000	284.432	-13.8	118	0.00
24 P	1,1-Dichloroethane	50.000	56.341	-12.7	122	0.00
25 T	2-Butanone	250.000	222.811	10.9	97	0.00
26 T	2,2-Dichloropropane	50.000	53.987	-8.0	117	0.00
27 T	cis-1,2-Dichloroethene	50.000	55.383	-10.8	120	-0.01
28 T	Bromochloromethane	50.000	57.651	-15.3	114	0.00
29 T	Tetrahydrofuran	250.000	284.809	-13.9	122	-0.01
30 C	Chloroform	50.000	56.158	-12.3#	121	0.00
31 T	Cyclohexane	50.000	55.630	-11.3	118	0.00
32 T	1,1,1-Trichloroethane	50.000	52.310	-4.6	112	0.00
33 S	1,2-Dichloroethane-d4	50.000	53.755	-7.5	111	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
35 S	Dibromofluoromethane	50.000	40.612	18.8	88	0.00
36 T	1,1-Dichloropropene	50.000	50.154	-0.3	117	0.00
37 T	Ethyl Acetate	50.000	54.873	-9.7	125	-0.01
38 T	Carbon Tetrachloride	50.000	45.939	8.1	104	0.00
39 T	Methylcyclohexane	50.000	50.618	-1.2	112	0.00
40 TM	Benzene	50.000	52.544	-5.1	119	0.00
41 T	Methacrylonitrile	50.000	57.081	-14.2	123	0.00
42 TM	1,2-Dichloroethane	50.000	56.900	-13.8	123	0.00
43 T	Isopropyl Acetate	50.000	58.836	-17.7	128	0.00
44 TM	Trichloroethene	50.000	50.249	-0.5	112	0.00
45 C	1,2-Dichloropropane	50.000	56.442	-12.9#	123	0.00
46 T	Dibromomethane	50.000	53.679	-7.4	118	0.00
47 T	Bromodichloromethane	50.000	52.892	-5.8	116	0.00
48 T	Methyl methacrylate	50.000	59.262	-18.5	128	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
 Data File : VX048339.D
 Acq On : 24 Oct 2025 09:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 24 22:59:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 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	986.597	1.3	102	0.00
50 S	Toluene-d8	50.000	47.331	5.3	100	0.00
51 T	4-Methyl-2-Pentanone	250.000	284.549	-13.8	120	0.00
52 CM	Toluene	50.000	51.366	-2.7#	111	0.00
53 T	t-1,3-Dichloropropene	50.000	51.329	-2.7	107	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.835	2.3	104	0.00
55 T	1,1,2-Trichloroethane	50.000	54.053	-8.1	117	0.00
56 T	Ethyl methacrylate	50.000	55.026	-10.1	114	0.00
57 T	1,3-Dichloropropane	50.000	54.042	-8.1	117	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	299.294	-19.7	126	0.00
59 T	2-Hexanone	250.000	256.864	-2.7	107	0.00
60 T	Dibromochloromethane	50.000	48.803	2.4	107	0.00
61 T	1,2-Dibromoethane	50.000	52.241	-4.5	113	0.00
62 S	4-Bromofluorobenzene	50.000	47.668	4.7	102	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.00
64 T	Tetrachloroethene	50.000	49.893	0.2	116	0.00
65 PM	Chlorobenzene	50.000	50.756	-1.5	111	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.657	0.7	107	0.00
67 C	Ethyl Benzene	50.000	51.279	-2.6#	110	0.00
68 T	m/p-Xylenes	100.000	104.665	-4.7	110	0.00
69 T	o-Xylene	50.000	52.509	-5.0	110	0.00
70 T	Styrene	50.000	53.739	-7.5	112	0.00
71 P	Bromoform	50.000	46.878	6.2	102	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	101	0.00
73 T	Isopropylbenzene	50.000	51.150	-2.3	110	0.00
74 T	N-amyl acetate	50.000	60.589	-21.2	127	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.376	-2.8	109	0.00
76 T	1,2,3-Trichloropropane	50.000	51.283	-2.6	114	0.00
77 T	Bromobenzene	50.000	51.716	-3.4	111	0.00
78 T	n-propylbenzene	50.000	53.181	-6.4	113	0.00
79 T	2-Chlorotoluene	50.000	52.073	-4.1	112	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.224	-2.4	109	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	35.976	28.0#	77	0.00
82 T	4-Chlorotoluene	50.000	52.497	-5.0	112	0.00
83 T	tert-Butylbenzene	50.000	50.006	-0.0	107	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.728	-3.5	110	0.00
85 T	sec-Butylbenzene	50.000	50.910	-1.8	110	0.00
86 T	p-Isopropyltoluene	50.000	49.821	0.4	109	0.00
87 T	1,3-Dichlorobenzene	50.000	50.069	-0.1	112	0.00
88 T	1,4-Dichlorobenzene	50.000	49.095	1.8	112	0.00
89 T	n-Butylbenzene	50.000	50.804	-1.6	115	0.00
90 T	Hexachloroethane	50.000	44.242	11.5	100	0.00
91 T	1,2-Dichlorobenzene	50.000	50.288	-0.6	110	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.374	-2.7	108	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.644	0.7	114	0.00
94 T	Hexachlorobutadiene	50.000	48.406	3.2	107	0.00
95 T	Naphthalene	50.000	51.198	-2.4	108	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048339.D
Acq On : 24 Oct 2025 09:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 24 22:59:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 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	49.409	1.2	110	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6



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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>ICES02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3399</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>10/24/2025 15:49</u>
Lab File ID:	<u>VX048353.D</u>	Init. Calib. Date(s):	<u>10/20/2025 10/20/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>10:59 13:49</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Vinyl Chloride	0.444	0.606		36.49	50
1,1-Dichloroethene	0.525	0.541		3.05	50
2-Butanone	0.304	0.265		-12.83	50
Carbon Tetrachloride	0.599	0.525		-12.35	50
Chloroform	1.123	1.134		0.98	50
Benzene	1.409	1.352		-4.05	50
1,2-Dichloroethane	0.520	0.518		-0.38	50
Trichloroethene	0.372	0.346		-6.99	50
Tetrachloroethene	0.373	0.355		-4.83	50
Chlorobenzene	1.125	1.054	0.3	-6.31	50
1,2-Dichloroethane-d4	0.701	0.681		-2.85	50
Dibromofluoromethane	0.341	0.269		-21.11	50
Toluene-d8	1.196	1.117		-6.61	50
4-Bromofluorobenzene	0.455	0.412		-9.45	50

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
 Data File : VX048353.D
 Acq On : 24 Oct 2025 15:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/27/2025
 Supervised By : Mahesh Dadoda 10/27/2025

Quant Time: Oct 24 23:05:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	137837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	230908	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	201897	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	101580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	93855	48.565	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.120%		
35) Dibromofluoromethane	5.373	113	62140	39.419	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	78.840%		
50) Toluene-d8	8.634	98	257823	46.661	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.320%		
62) 4-Bromofluorobenzene	11.061	95	95120	45.251	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.500%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	62926	44.408	ug/l	99
3) Chloromethane	1.300	50	31755	24.009	ug/l	97
4) Vinyl Chloride	1.380	62	83473	68.154	ug/l	99
5) Bromomethane	1.617	94	29188	35.116	ug/l	99
6) Chloroethane	1.697	64	50231	69.795	ug/l	97
7) Trichlorofluoromethane	1.898	101	143311	61.011	ug/l	99
8) Diethyl Ether	2.136	74	47003	71.117	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	77462	52.078	ug/l	98
10) Methyl Iodide	2.459	142	271342	145.110	ug/l	99
11) Tert butyl alcohol	2.934	59	36075	188.008	ug/l	99
12) 1,1-Dichloroethene	2.325	96	74594	51.547	ug/l	99
13) Acrolein	2.233	56	59385	303.455	ug/l	99
14) Allyl chloride	2.666	41	126438	52.626	ug/l	96
15) Acrylonitrile	3.056	53	165690	239.471	ug/l	99
16) Acetone	2.373	43	128465	193.768	ug/l	97
17) Carbon Disulfide	2.520	76	202530	44.407	ug/l	100
18) Methyl Acetate	2.697	43	70947	51.241	ug/l	97
19) Methyl tert-butyl Ether	3.105	73	242830	49.188	ug/l	99
20) Methylene Chloride	2.788	84	78803	48.781	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	77645	48.846	ug/l	95
22) Diisopropyl ether	3.751	45	271845	56.729	ug/l	96
23) Vinyl Acetate	3.715	43	939179	245.353	ug/l	100
24) 1,1-Dichloroethane	3.605	63	150722	52.017	ug/l	99
25) 2-Butanone	4.538	43	182514	217.495	ug/l	99
26) 2,2-Dichloropropane	4.471	77	131948	50.451	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	92543	49.885	ug/l	97
28) Bromochloromethane	4.891	49	63375	52.749	ug/l	98
29) Tetrahydrofuran	4.989	42	120176	239.119	ug/l	98
30) Chloroform	5.080	83	156317	50.495	ug/l	97
31) Cyclohexane	5.458	56	129162	53.842	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	140509	49.248	ug/l	98
36) 1,1-Dichloropropene	5.684	75	103893	46.369	ug/l	99
37) Ethyl Acetate	4.696	43	94821	51.057	ug/l	99
38) Carbon Tetrachloride	5.665	117	121202	43.846	ug/l	99
39) Methylcyclohexane	7.366	83	131596	49.732	ug/l	96
40) Benzene	6.025	78	312187	47.991	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
 Data File : VX048353.D
 Acq On : 24 Oct 2025 15:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/27/2025
 Supervised By :Mahesh Dadoda 10/27/2025

Quant Time: Oct 24 23:05:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.903	41	48739	49.974	ug/l	99
42) 1,2-Dichloroethane	6.074	62	119697	49.865	ug/l	99
43) Isopropyl Acetate	6.318	43	152346	49.940	ug/l	99
44) Trichloroethene	7.110	130	79852	46.488	ug/l	99
45) 1,2-Dichloropropane	7.415	63	78729	50.904	ug/l	95
46) Dibromomethane	7.568	93	56015	46.488	ug/l	98
47) Bromodichloromethane	7.805	83	122472	47.075	ug/l	99
48) Methyl methacrylate	7.677	41	77157	50.123	ug/l	97
49) 1,4-Dioxane	7.641	88	15616	767.869	ug/l	97
51) 4-Methyl-2-Pentanone	8.555	43	427244	242.909	ug/l	98
52) Toluene	8.702	92	195954	47.417	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	111521	44.482	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	115185	42.583	ug/l	98
55) 1,1,2-Trichloroethane	9.134	97	70725	46.020	ug/l	99
56) Ethyl methacrylate	9.098	69	106860	47.538	ug/l	97
57) 1,3-Dichloropropane	9.293	76	124600	47.465	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	299785	248.040	ug/l	100
59) 2-Hexanone	9.415	43	289819	236.310	ug/l	99
60) Dibromochloromethane	9.506	129	88240	42.719	ug/l	100
61) 1,2-Dibromoethane	9.592	107	72202	44.069	ug/l	99
64) Tetrachloroethene	9.256	164	71595	47.502	ug/l	97
65) Chlorobenzene	10.061	112	212798	46.854	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.146	131	75776	45.425	ug/l	99
67) Ethyl Benzene	10.177	91	378873	48.997	ug/l	99
68) m/p-Xylenes	10.287	106	282564	98.351	ug/l	100
69) o-Xylene	10.622	106	134320	48.426	ug/l	100
70) Styrene	10.640	104	231504	49.017	ug/l	99
71) Bromoform	10.780	173	52852	39.641	ug/l #	98
73) Isopropylbenzene	10.945	105	359740	48.486	ug/l	100
74) N-amyl acetate	10.823	43	136716	51.949	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	89239	44.044	ug/l	98
76) 1,2,3-Trichloropropane	11.219	75	81364m	49.393	ug/l	
77) Bromobenzene	11.183	156	84698	45.528	ug/l	99
78) n-propylbenzene	11.286	91	433271	50.437	ug/l	100
79) 2-Chlorotoluene	11.347	91	251854	48.357	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	297431	48.442	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	19309	28.518	ug/l #	75
82) 4-Chlorotoluene	11.433	91	300933	48.674	ug/l	100
83) tert-Butylbenzene	11.695	119	303155	48.055	ug/l	100
84) 1,2,4-Trimethylbenzene	11.731	105	297974	48.628	ug/l	99
85) sec-Butylbenzene	11.872	105	377937	49.795	ug/l	99
86) p-Isopropyltoluene	11.994	119	319358	48.680	ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	157580	44.932	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	158565	43.644	ug/l	99
89) n-Butylbenzene	12.311	91	304622	51.016	ug/l	100
90) Hexachloroethane	12.518	117	55291	42.679	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	147165	44.694	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.926	75	17860	43.426	ug/l	92
93) 1,2,4-Trichlorobenzene	13.567	180	101661	45.654	ug/l	99
94) Hexachlorobutadiene	13.707	225	42413	50.828	ug/l	97
95) Naphthalene	13.756	128	262366	44.472	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	93463	45.740	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048353.D
Acq On : 24 Oct 2025 15:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

Quant Time: Oct 24 23:05:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

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

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

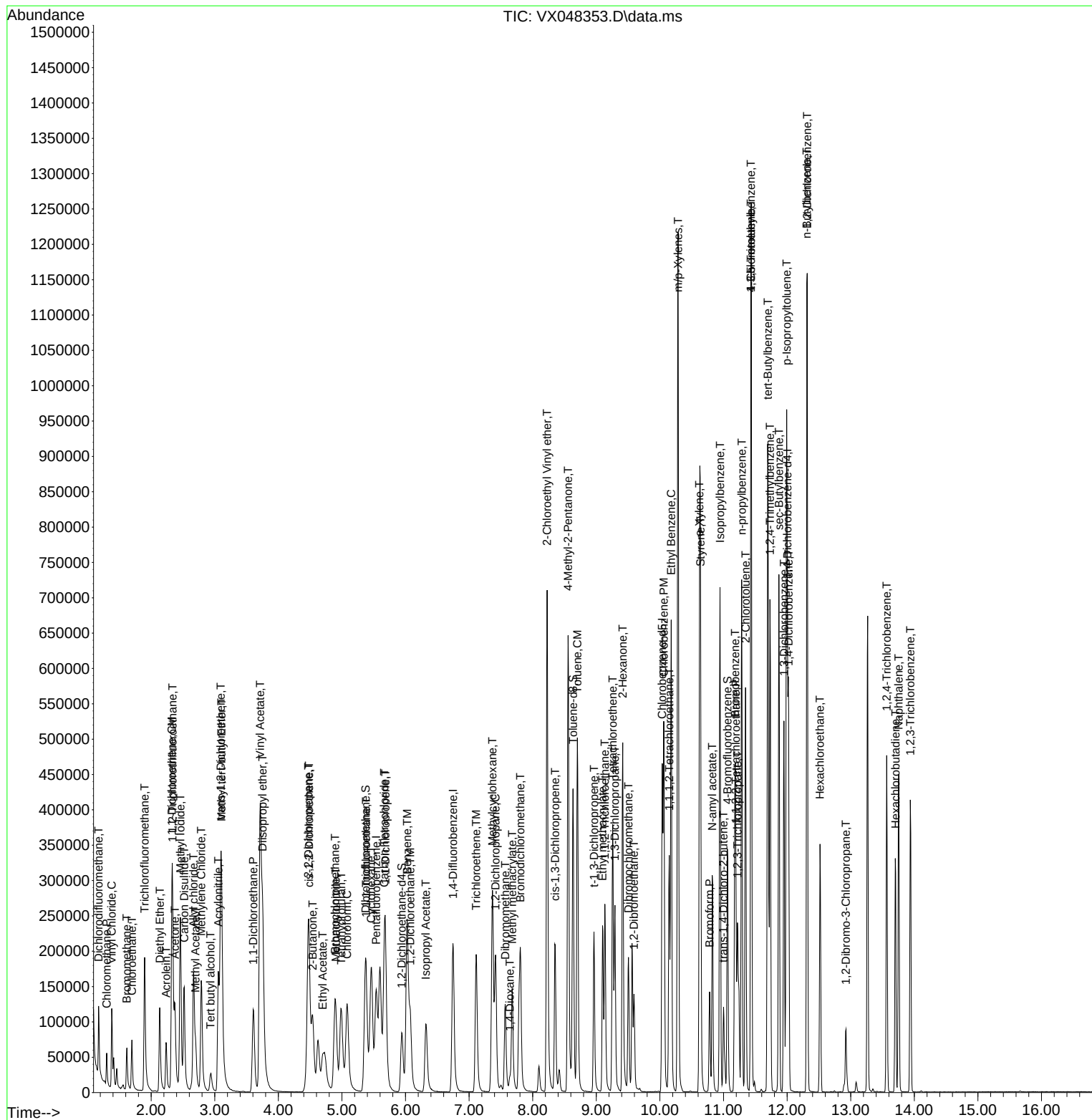
```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048353.D
Acq On    : 24 Oct 2025   15:49
Operator  : JC/MD
Sample    : VSTDCCC050
Misc      : 5.0mL/MSVOA_X/WATER
ALS Vial  : 16   Sample Multiplier: 1
```

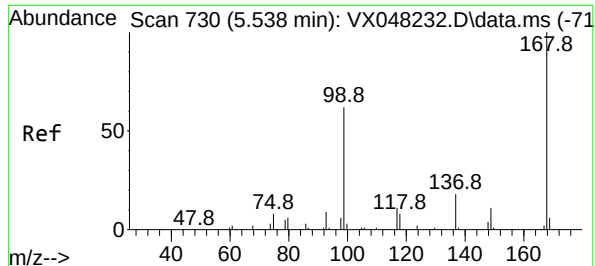
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

Quant Time: Oct 24 23:05:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration





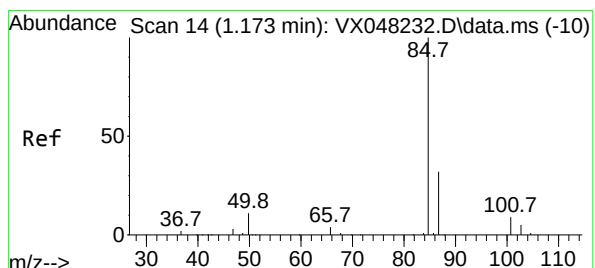
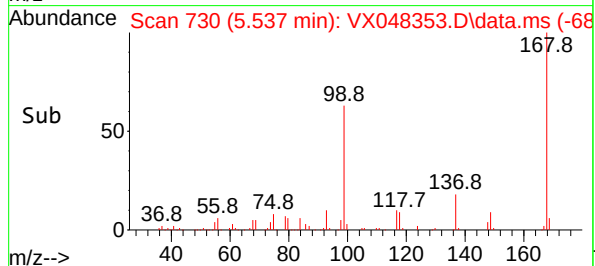
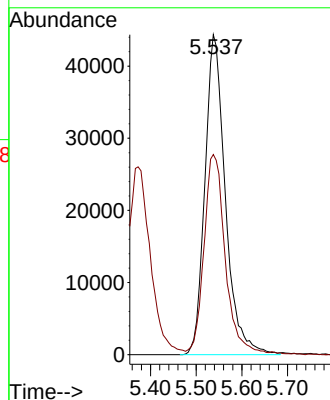
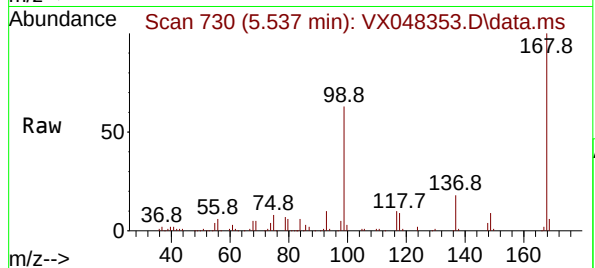
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 13783
Ion Ratio Lower Upper
168 100
99 62.0 46.4 69.6

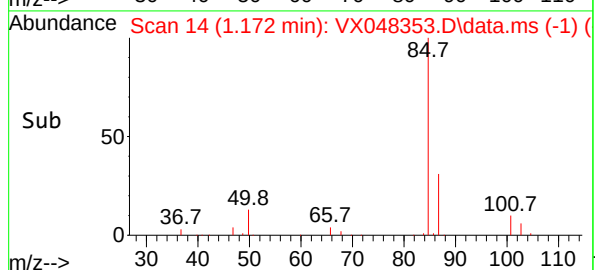
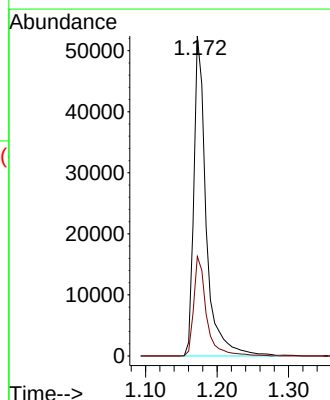
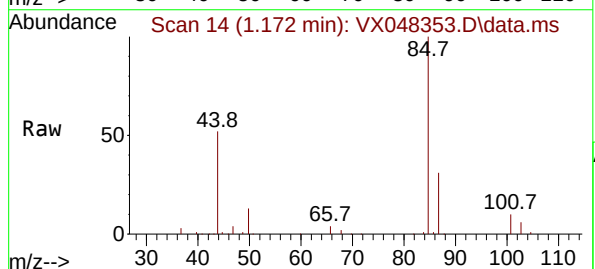
Manual Integrations
APPROVED

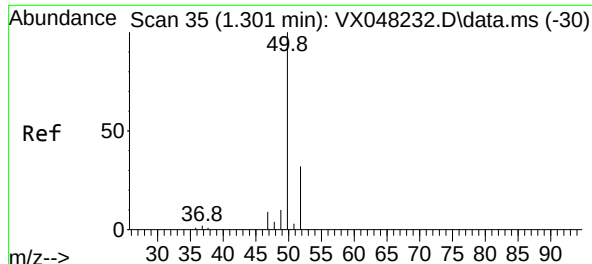
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#2
Dichlorodifluoromethane
Concen: 44.408 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

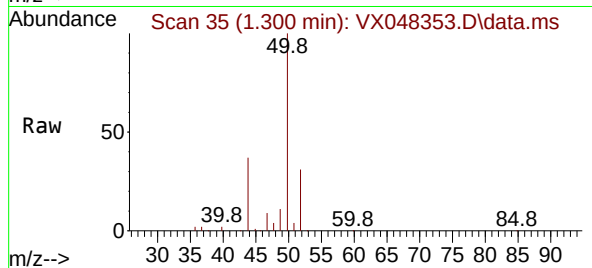
Tgt Ion: 85 Resp: 62926
Ion Ratio Lower Upper
85 100
87 31.1 15.3 45.9





#3
Chloromethane
Concen: 24.009 ug/l
RT: 1.300 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

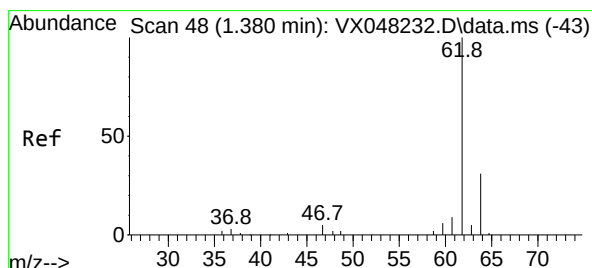
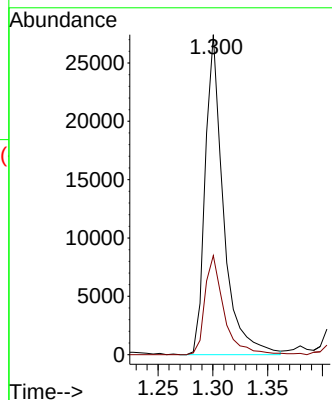
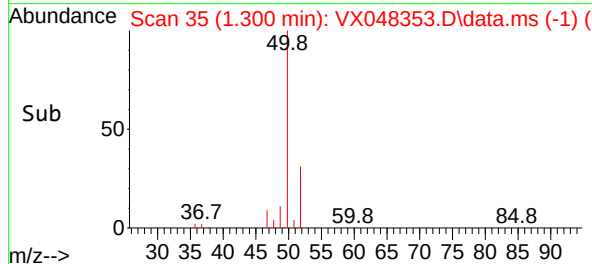
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 3175
Ion Ratio Lower Upper
50 100
52 31.0 25.9 38.9

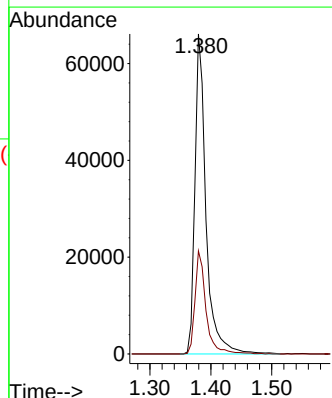
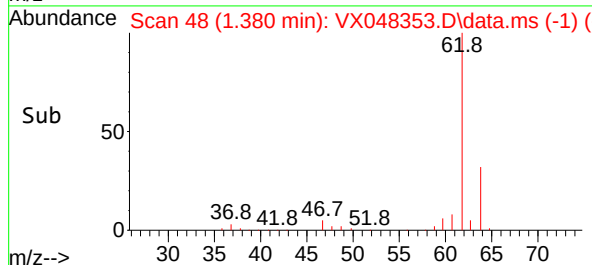
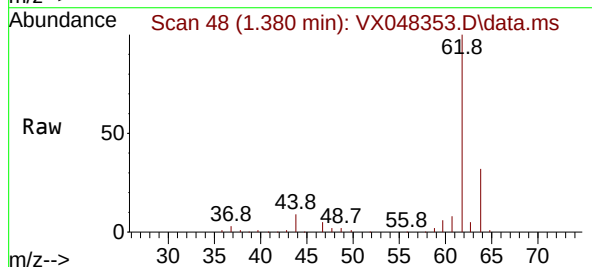
Manual Integrations
APPROVED

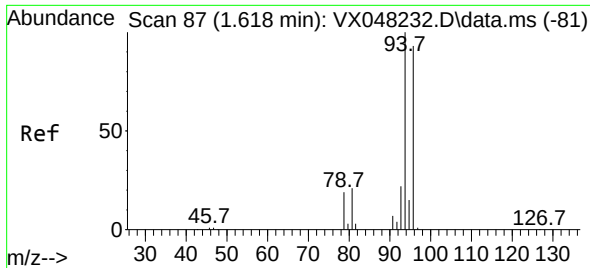
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#4
Vinyl Chloride
Concen: 68.154 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

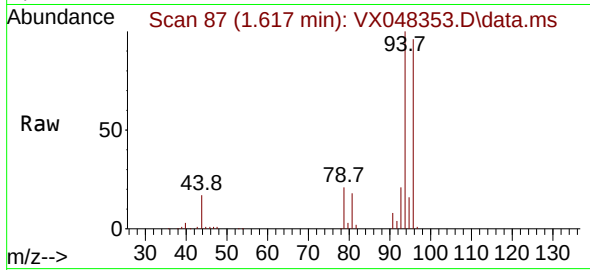
Tgt Ion: 62 Resp: 83473
Ion Ratio Lower Upper
62 100
64 32.2 25.1 37.7





#5
Bromomethane
Concen: 35.116 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

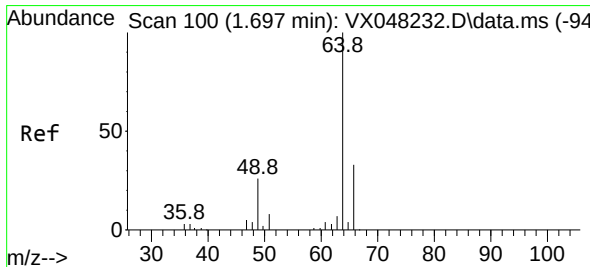
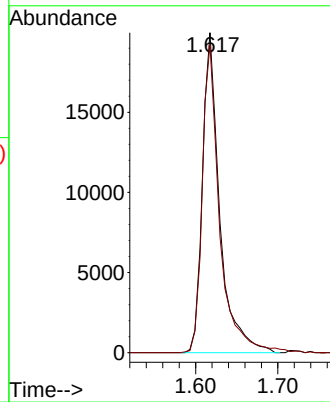
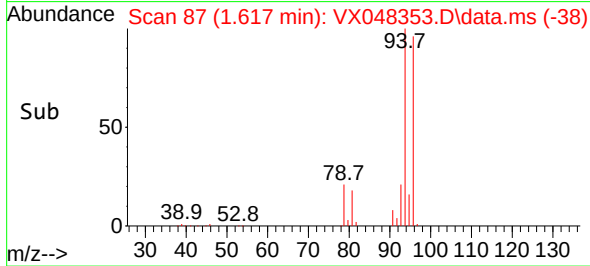
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 94 Resp: 2918
Ion Ratio Lower Upper
94 100
96 96.3 76.0 114.0

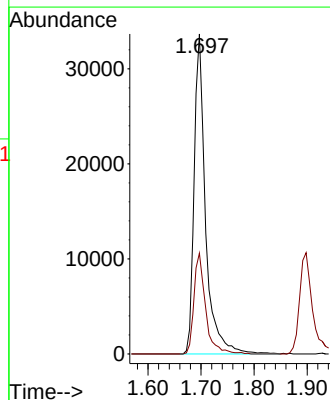
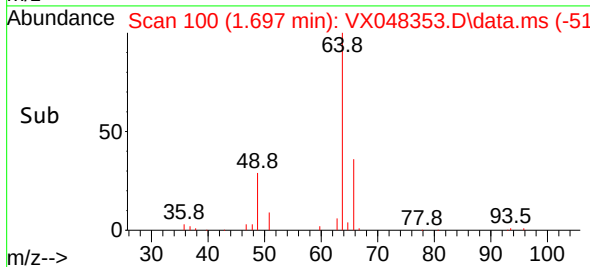
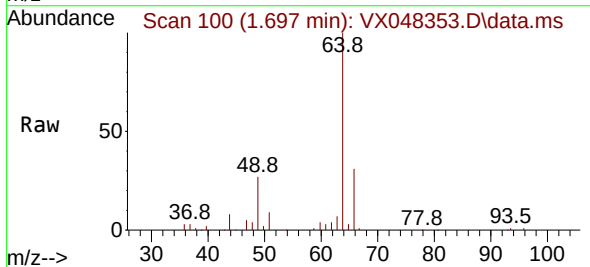
Manual Integrations
APPROVED

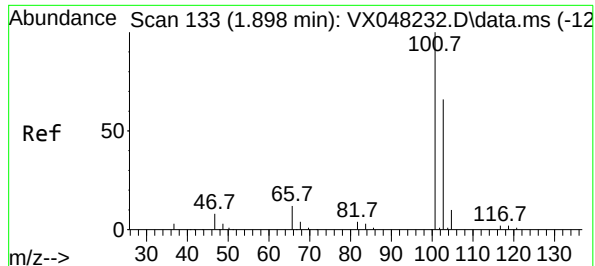
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#6
Chloroethane
Concen: 69.795 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 64 Resp: 50231
Ion Ratio Lower Upper
64 100
66 31.5 23.9 35.9





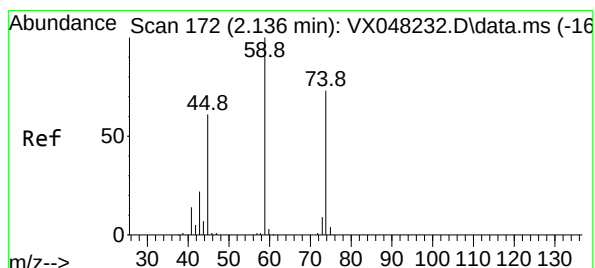
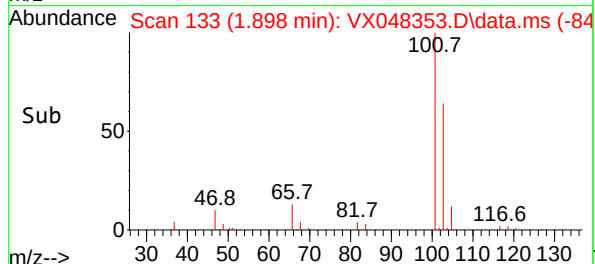
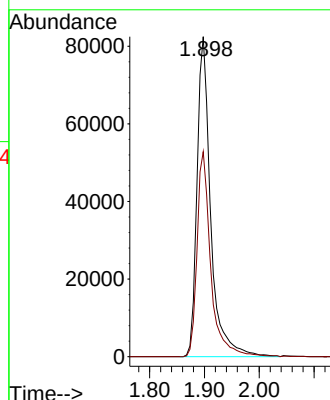
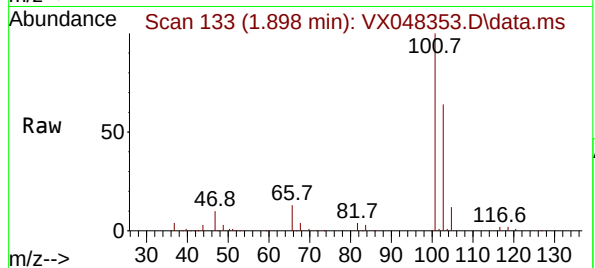
#7
Trichlorofluoromethane
Concen: 61.011 ug/l
RT: 1.898 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 14331
Ion Ratio Lower Upper
101 100
103 64.1 51.6 77.4

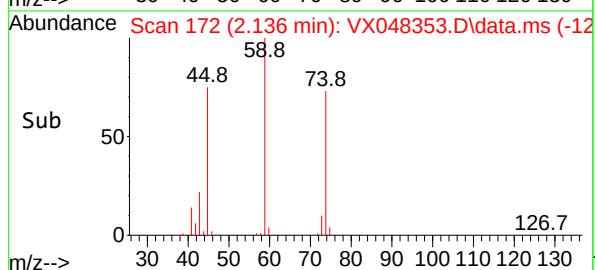
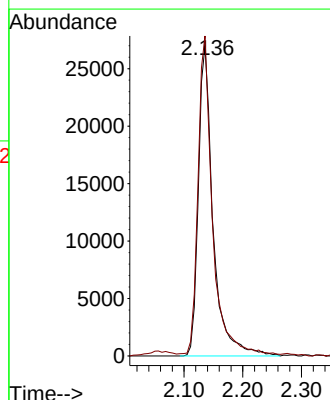
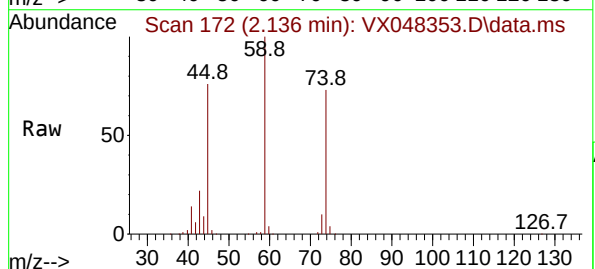
Manual Integrations
APPROVED

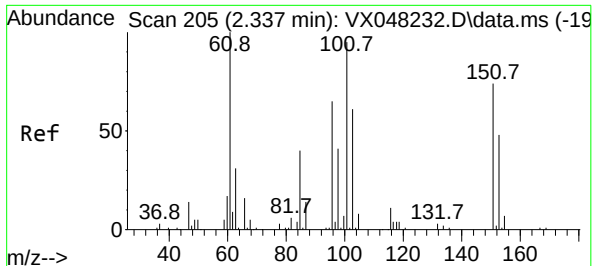
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#8
Diethyl Ether
Concen: 71.117 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

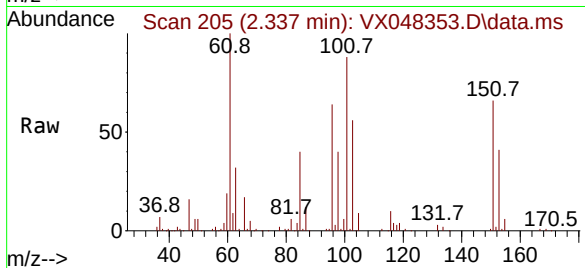
Tgt Ion: 74 Resp: 47003
Ion Ratio Lower Upper
74 100
45 101.0 50.0 149.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.078 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

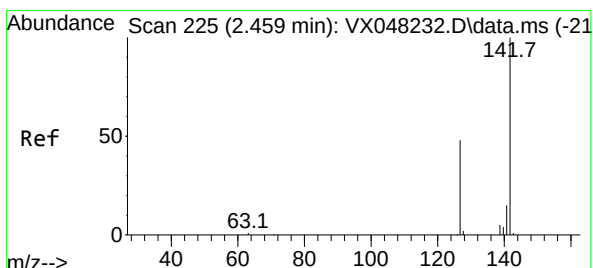
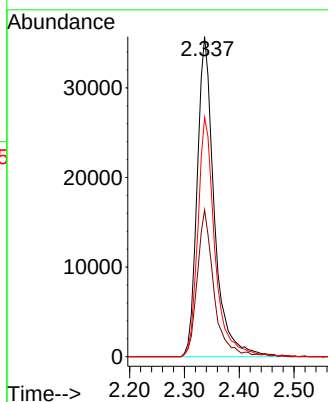
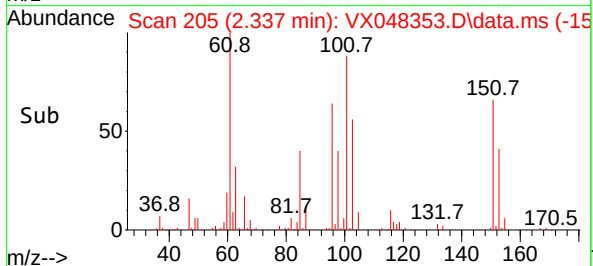
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 77462
Ion Ratio Lower Upper
101 100
85 44.6 35.6 53.4
151 74.8 58.0 87.0

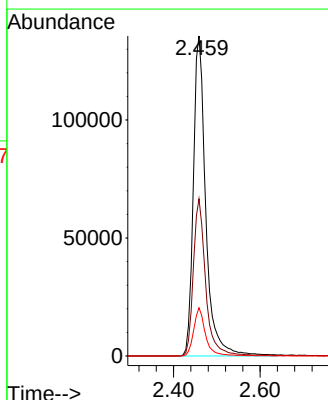
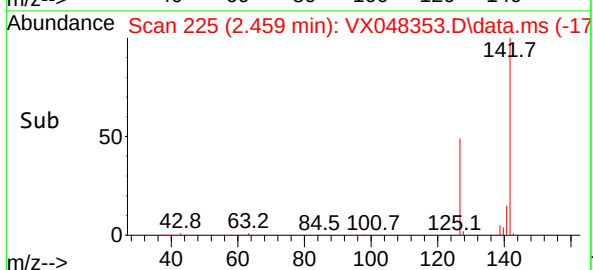
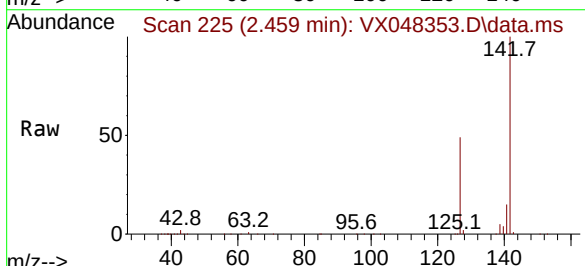
Manual Integrations
APPROVED

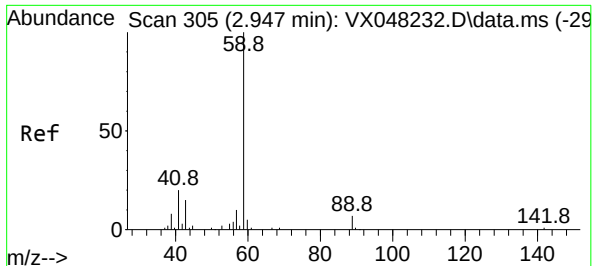
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#10
Methyl Iodide
Concen: 145.110 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:142 Resp: 271342
Ion Ratio Lower Upper
142 100
127 48.7 38.5 57.7
141 14.3 11.6 17.4





#11

Tert butyl alcohol

Concen: 188.008 ug/l

RT: 2.934 min Scan# 305

Delta R.T. -0.006 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 36075

Ion Ratio Lower Upper

59 100

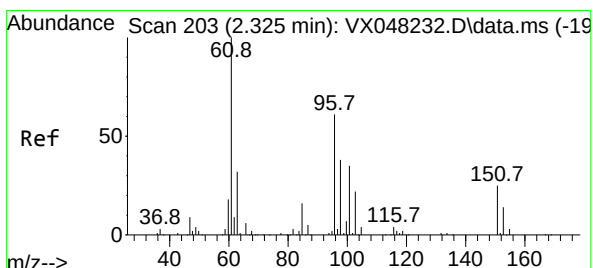
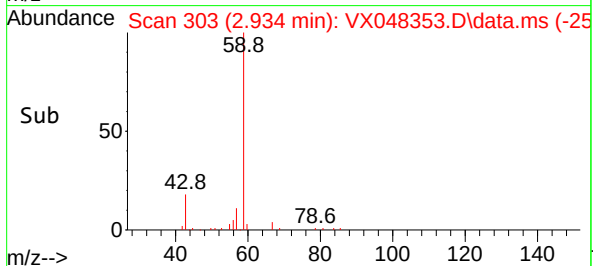
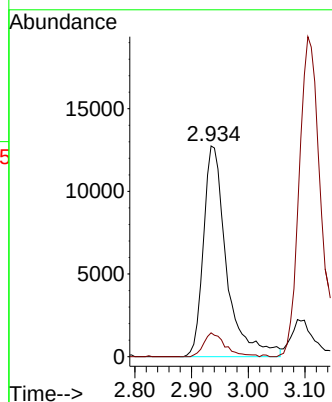
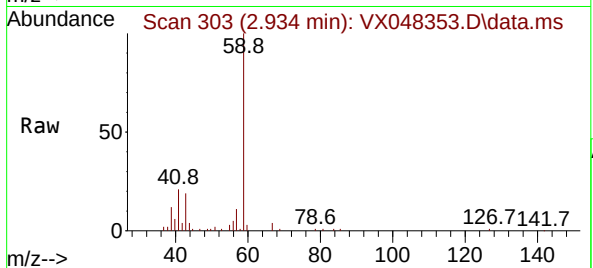
57 10.6 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#12

1,1-Dichloroethene

Concen: 51.547 ug/l

RT: 2.325 min Scan# 203

Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

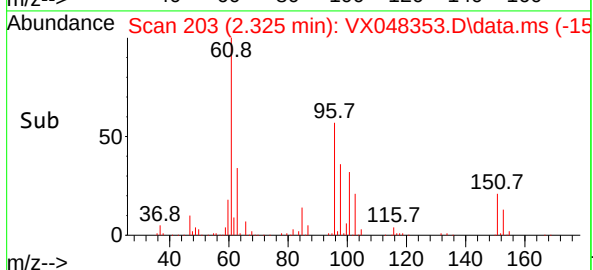
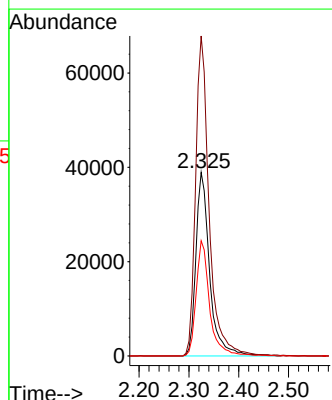
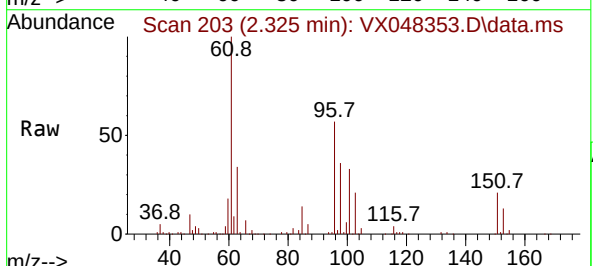
Tgt Ion: 96 Resp: 74594

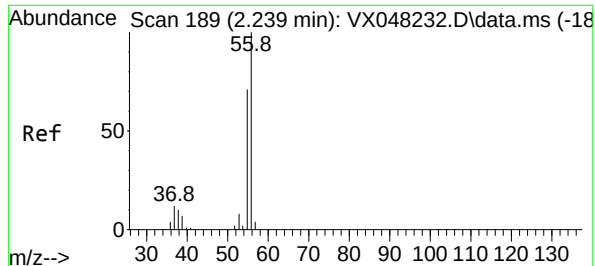
Ion Ratio Lower Upper

96 100

61 174.4 139.0 208.6

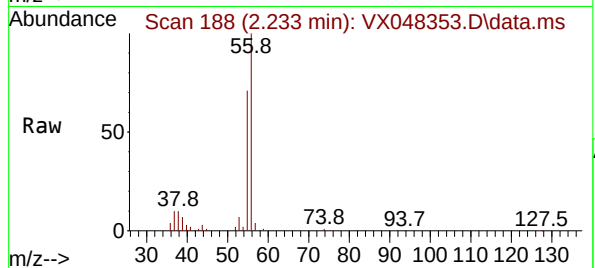
98 62.8 52.4 78.6





#13
Acrolein
Concen: 303.455 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

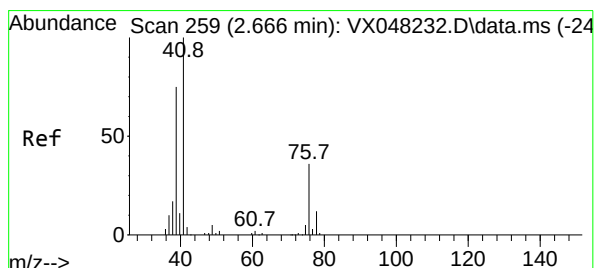
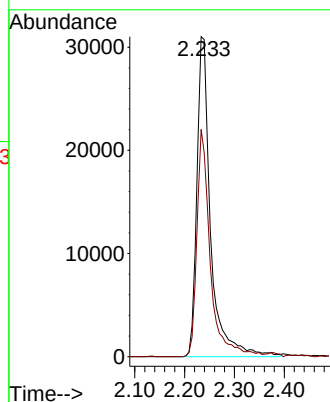
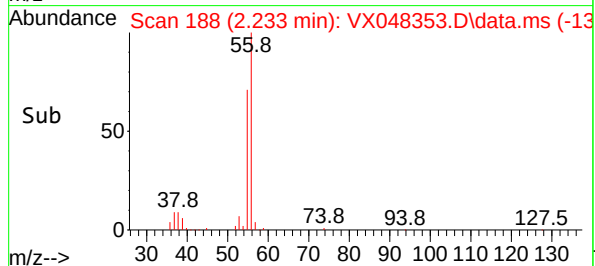
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 5938
Ion Ratio Lower Upper
56 100
55 69.0 56.1 84.1

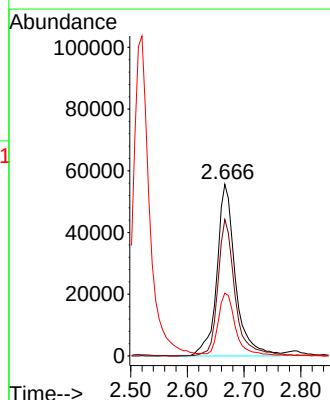
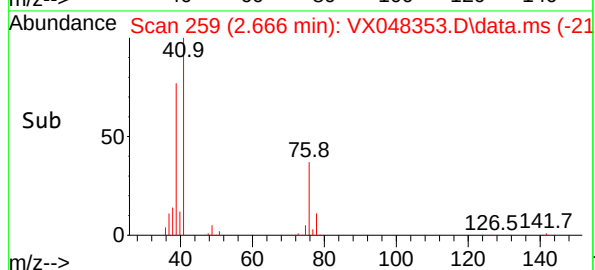
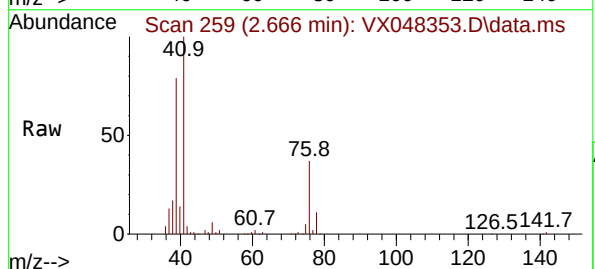
Manual Integrations
APPROVED

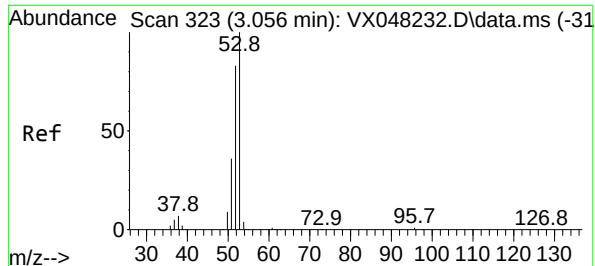
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#14
Allyl chloride
Concen: 52.626 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 41 Resp: 126438
Ion Ratio Lower Upper
41 100
39 74.3 56.0 84.0
76 33.2 27.5 41.3





#15

Acrylonitrile

Concen: 239.471 ug/l

RT: 3.056 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 53 Resp: 165690

Ion Ratio Lower Upper

53 100

52 81.3 66.1 99.1

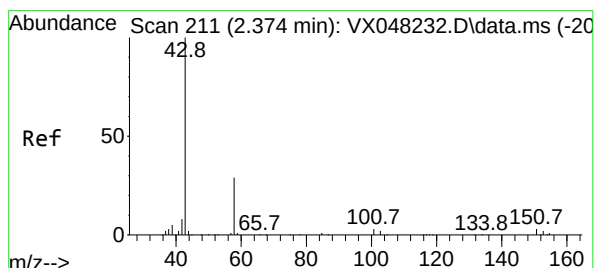
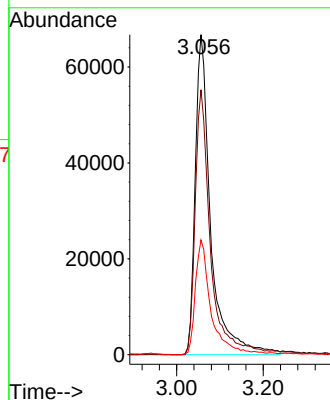
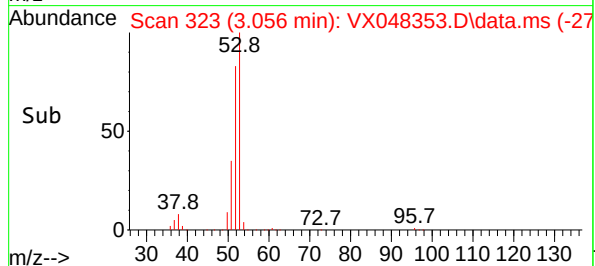
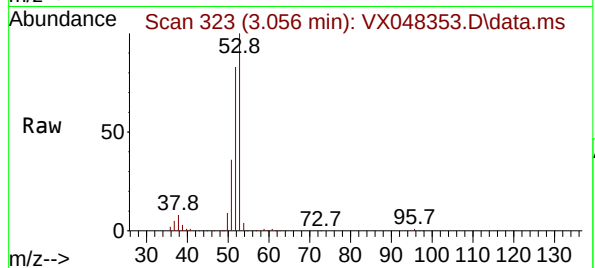
51 36.6 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#16

Acetone

Concen: 193.768 ug/l

RT: 2.373 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX048353.D

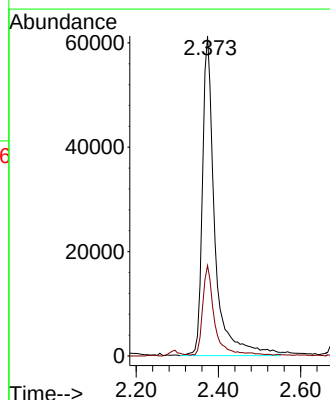
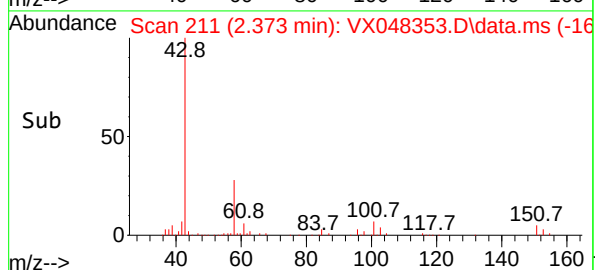
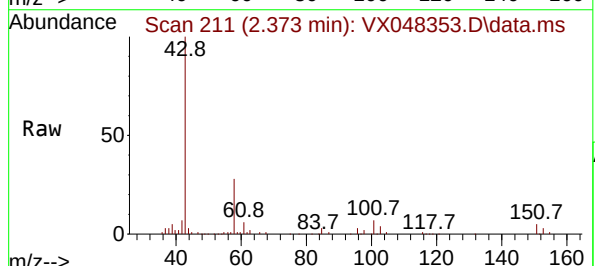
Acq: 24 Oct 2025 15:49

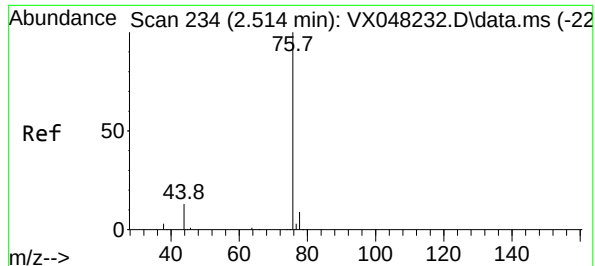
Tgt Ion: 43 Resp: 128465

Ion Ratio Lower Upper

43 100

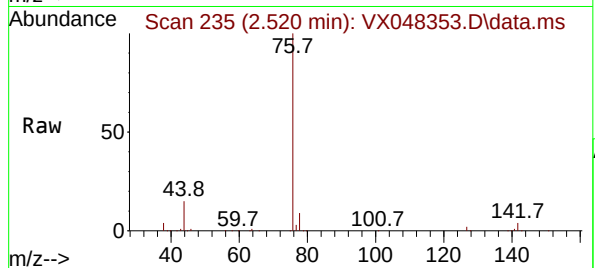
58 27.9 23.4 35.2





#17
Carbon Disulfide
Concen: 44.407 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

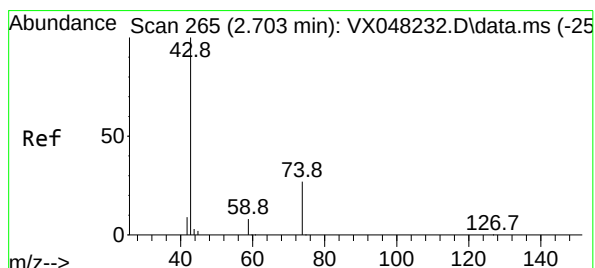
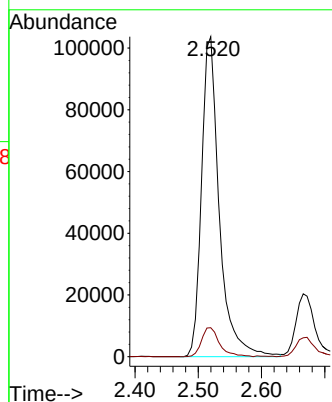
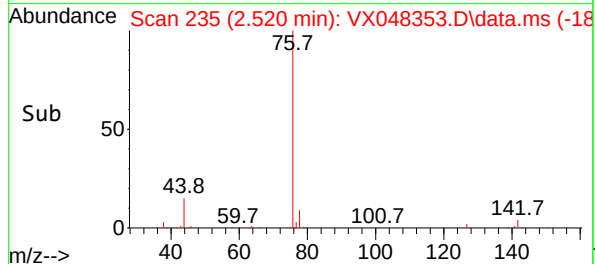
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 202530
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

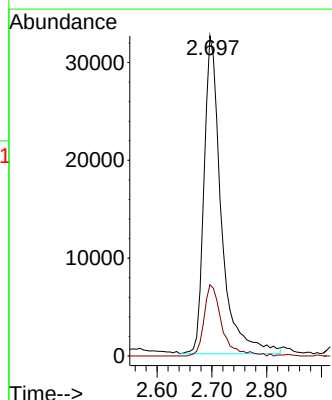
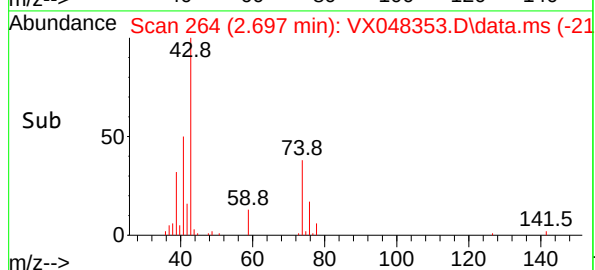
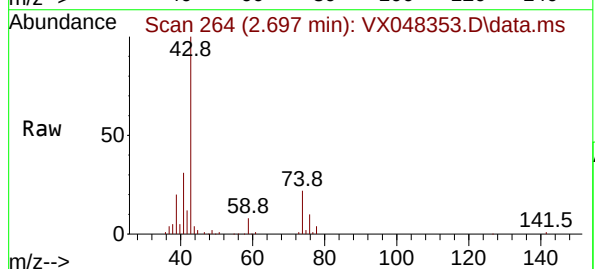
Manual Integrations
APPROVED

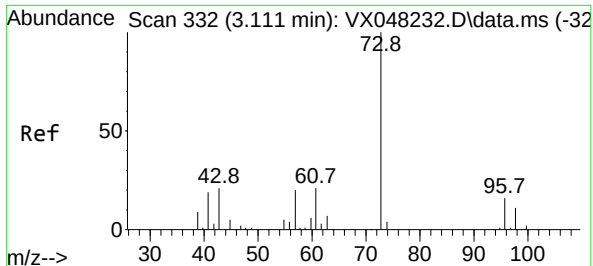
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#18
Methyl Acetate
Concen: 51.241 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 43 Resp: 70947
Ion Ratio Lower Upper
43 100
74 23.2 17.5 26.3





#19

Methyl tert-butyl Ether

Concen: 49.188 ug/l

RT: 3.105 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 242830

Ion Ratio Lower Upper

73 100

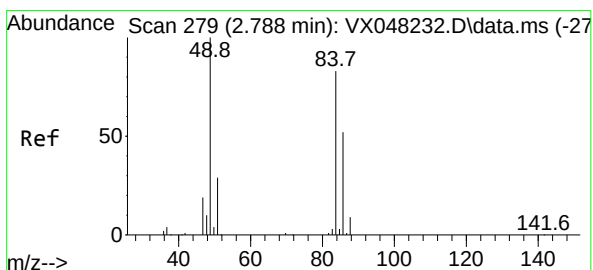
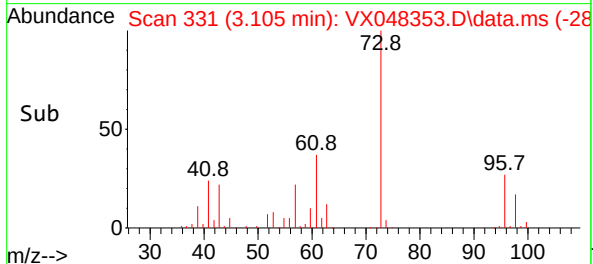
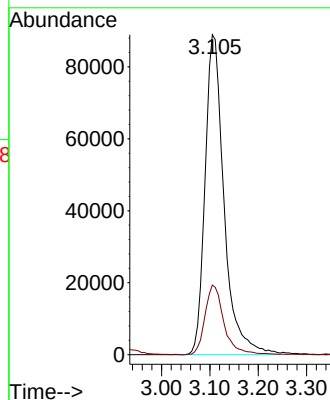
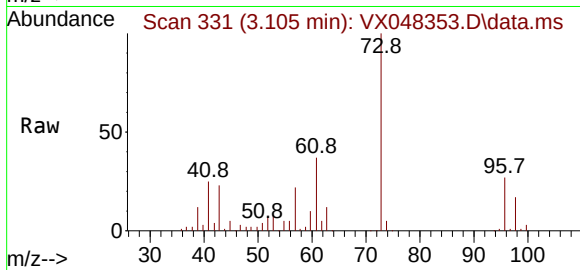
57 21.8 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#20

Methylene Chloride

Concen: 48.781 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Tgt Ion: 84 Resp: 78803

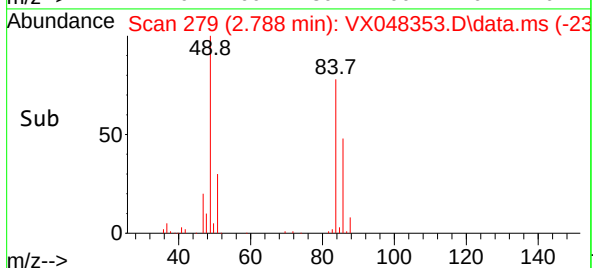
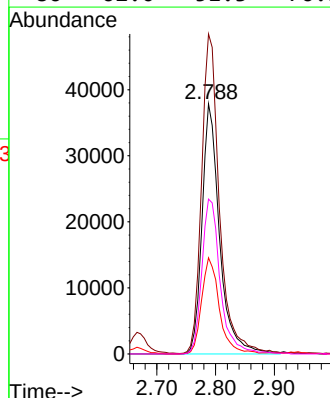
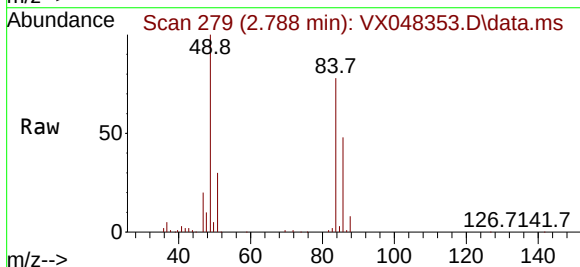
Ion Ratio Lower Upper

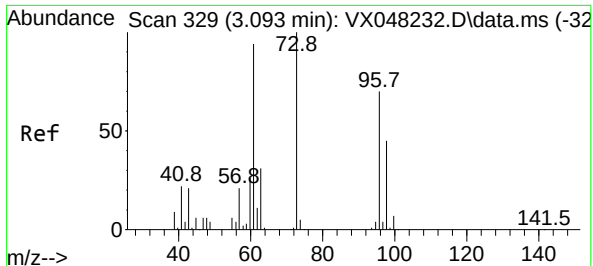
84 100

49 127.8 104.1 156.1

51 38.5 31.3 46.9

86 62.0 51.3 76.9





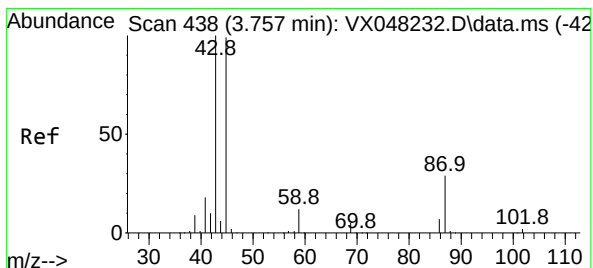
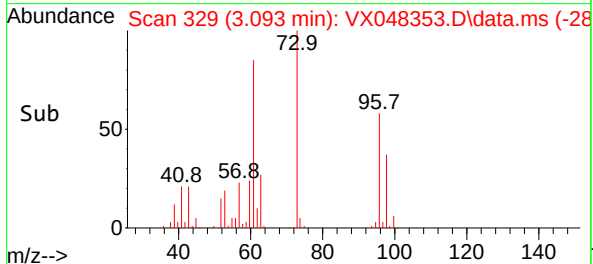
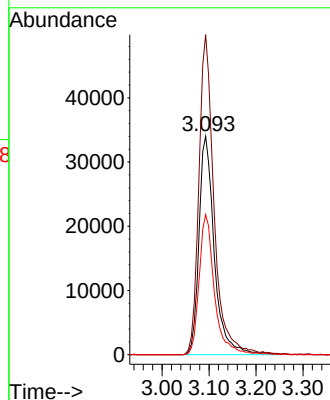
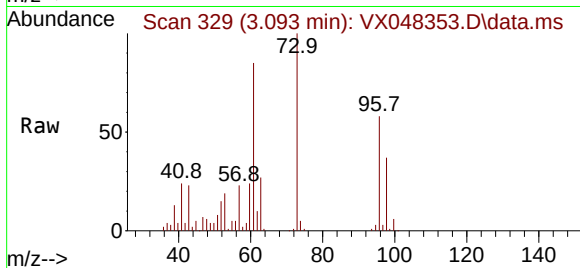
#21
trans-1,2-Dichloroethene
Concen: 48.846 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 77645
Ion Ratio Lower Upper
96 100
61 146.4 111.9 167.9
98 66.3 51.2 76.8

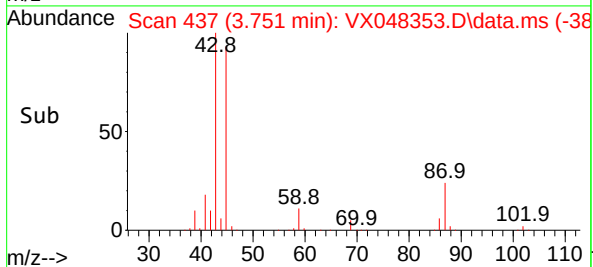
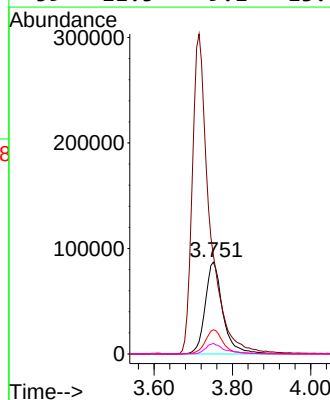
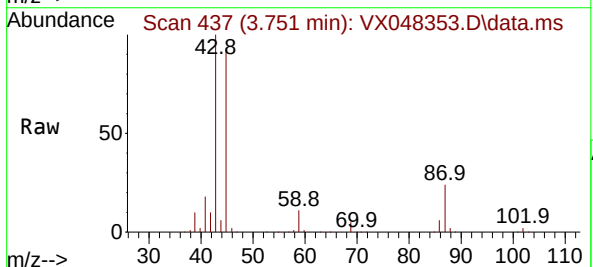
Manual Integrations
APPROVED

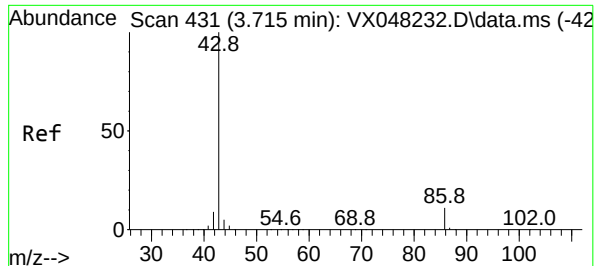
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#22
Diisopropyl ether
Concen: 56.729 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

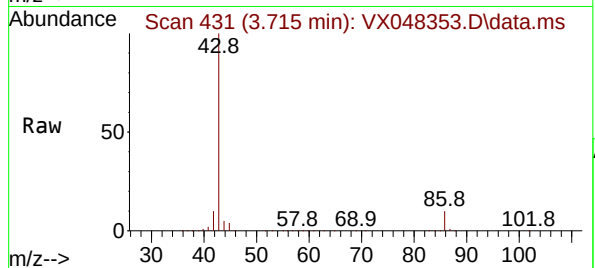
Tgt Ion: 45 Resp: 271845
Ion Ratio Lower Upper
45 100
43 107.3 89.8 134.8
87 26.3 20.6 31.0
59 11.5 9.1 13.7





#23
Vinyl Acetate
Concen: 245.353 ug/l
RT: 3.715 min Scan# 411
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

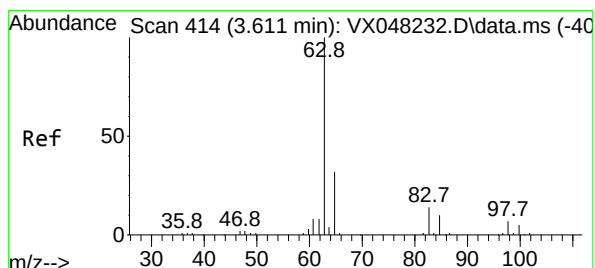
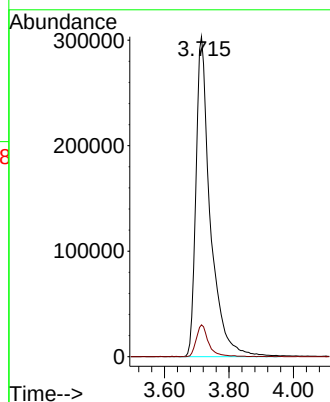
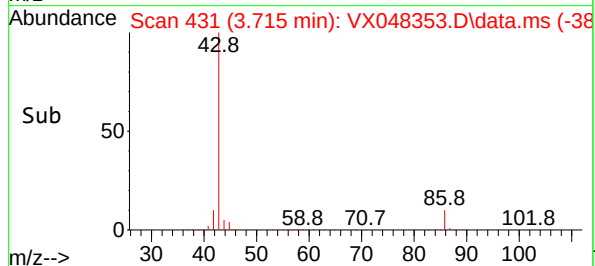
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



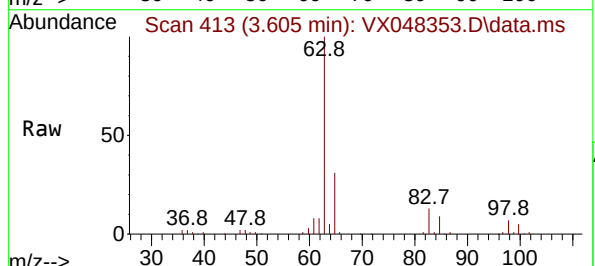
Tgt Ion: 43 Resp: 939179
Ion Ratio Lower Upper
43 100
86 9.9 7.9 11.9

Manual Integrations
APPROVED

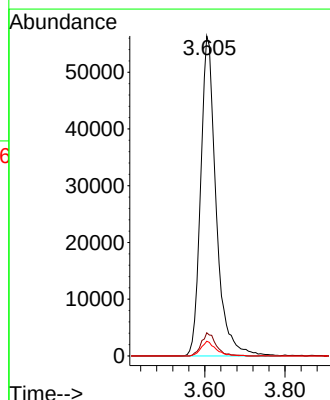
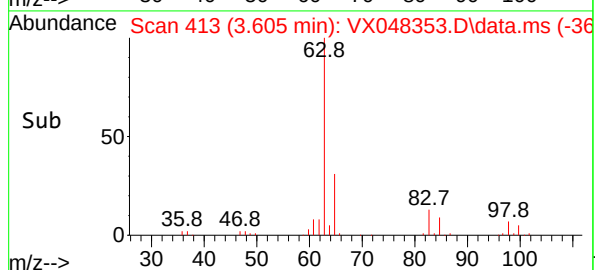
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

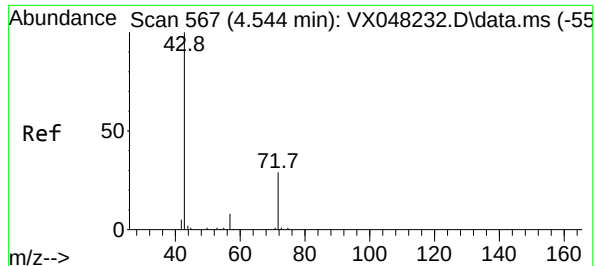


#24
1,1-Dichloroethane
Concen: 52.017 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49



Tgt Ion: 63 Resp: 150722
Ion Ratio Lower Upper
63 100
98 7.3 3.5 10.6
100 4.6 2.1 6.3





#25

2-Butanone

Concen: 217.495 ug/l

RT: 4.538 min Scan# 50

Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 182514

Ion Ratio Lower Upper

43

100

72

25.4

19.9

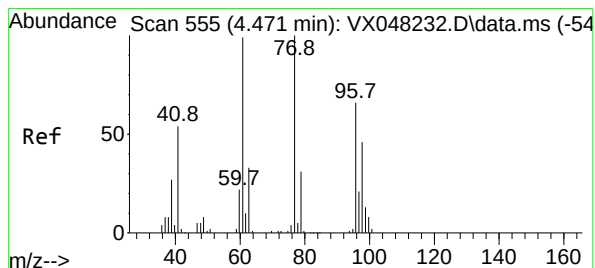
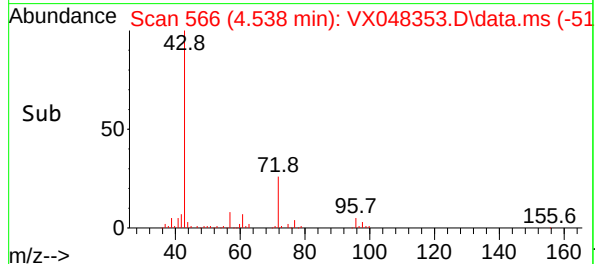
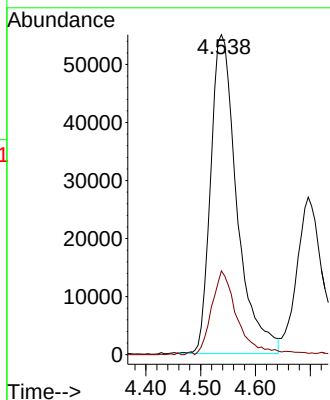
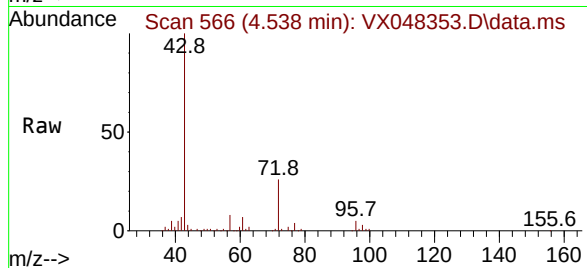
29.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#26

2,2-Dichloropropane

Concen: 50.451 ug/l

RT: 4.471 min Scan# 555

Delta R.T. 0.006 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Tgt Ion: 77 Resp: 131948

Ion Ratio Lower Upper

77

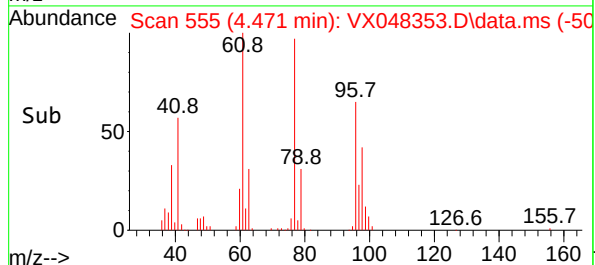
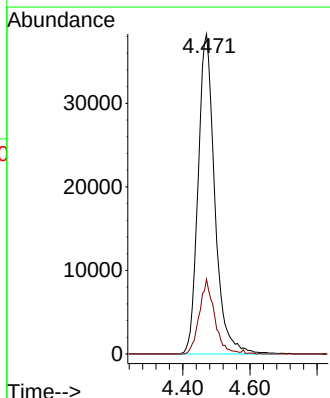
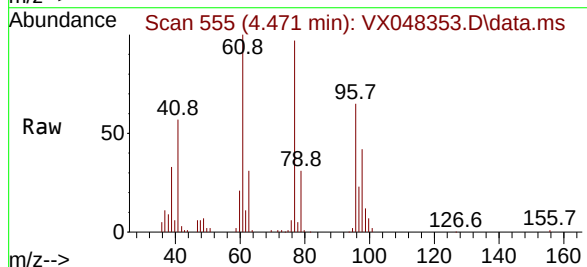
100

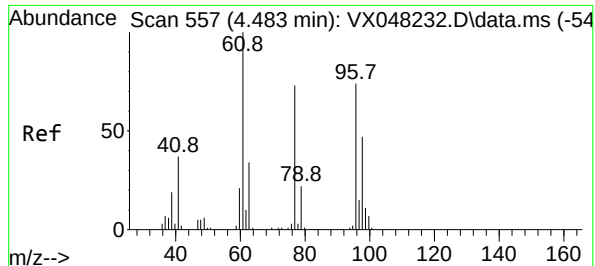
97

21.3

11.1

33.3





#27

cis-1,2-Dichloroethene

Concen: 49.885 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 9254

Ion Ratio Lower Upper

96 100

61 152.1 0.0 294.2

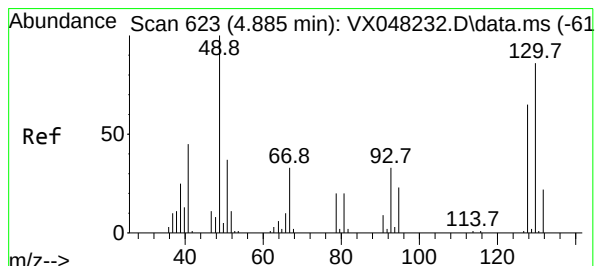
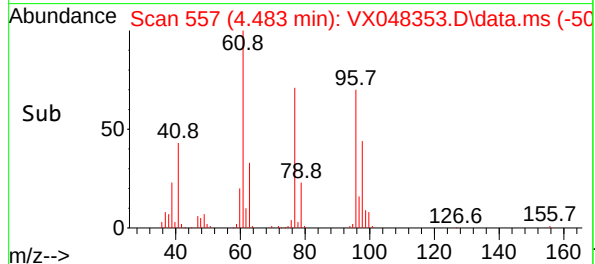
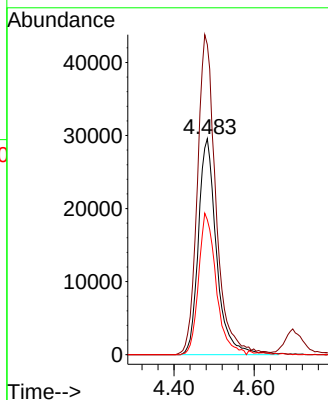
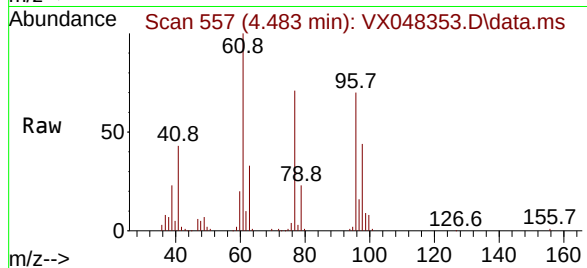
98 63.6 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#28

Bromochloromethane

Concen: 52.749 ug/l

RT: 4.891 min Scan# 624

Delta R.T. 0.006 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

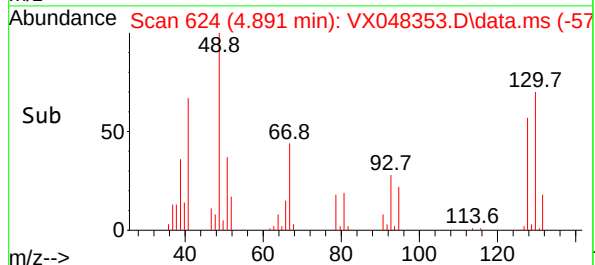
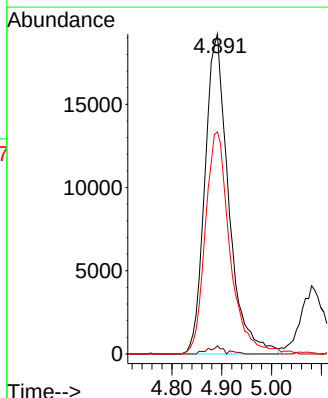
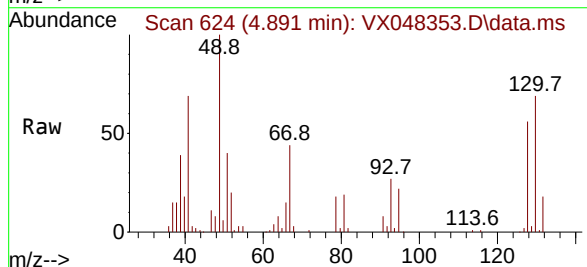
Tgt Ion: 49 Resp: 63375

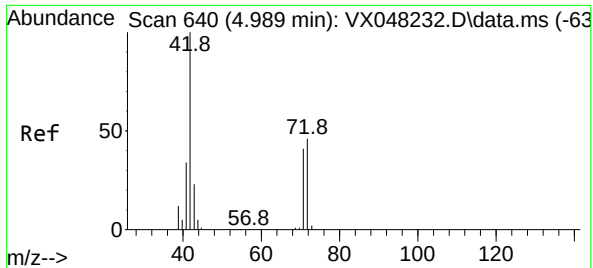
Ion Ratio Lower Upper

49 100

129 1.4 0.0 4.4

130 72.3 59.3 88.9





#29

Tetrahydrofuran

Concen: 239.119 ug/l

RT: 4.989 min Scan# 640

Delta R.T. -0.000 min

Lab File: VX048353.D

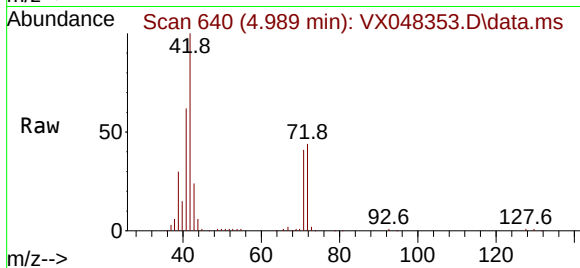
Acq: 24 Oct 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



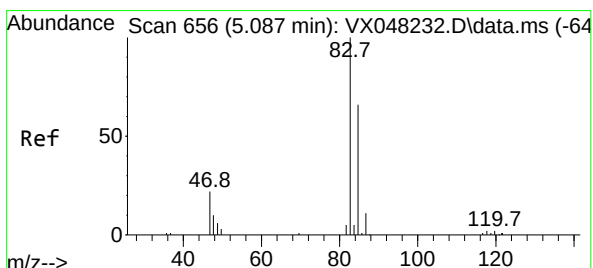
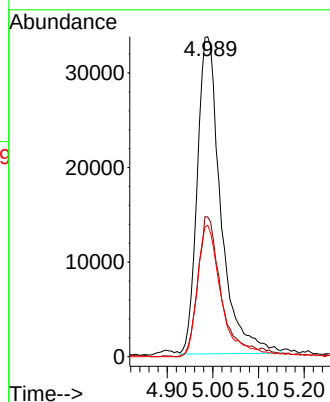
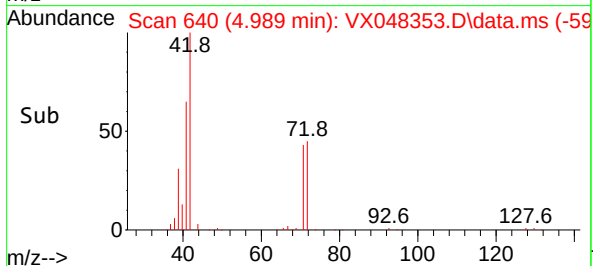
Tgt Ion:	42	Resp:	120170
Ion	Ratio	Lower	Upper
42	100		
72	43.5	35.3	52.9
71	42.1	32.2	48.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#30

Chloroform

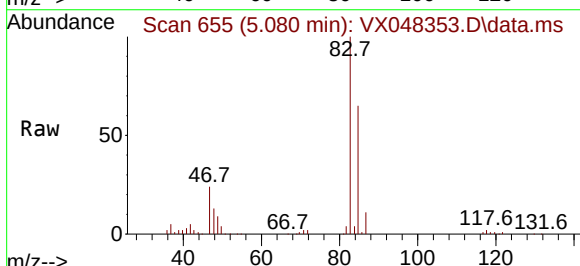
Concen: 50.495 ug/l

RT: 5.080 min Scan# 655

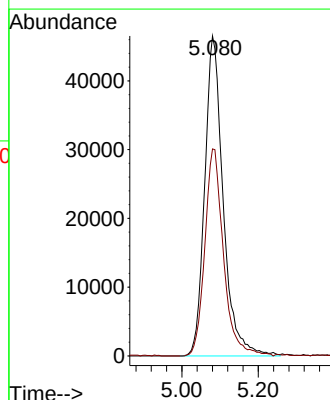
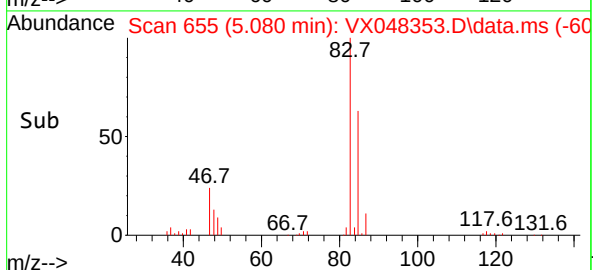
Delta R.T. -0.000 min

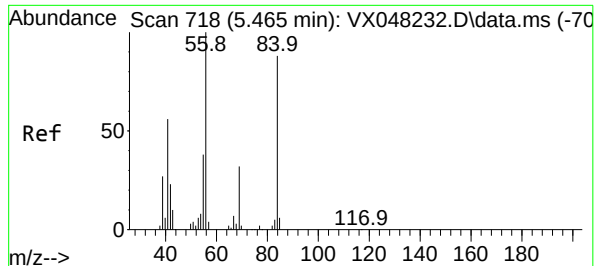
Lab File: VX048353.D

Acq: 24 Oct 2025 15:49



Tgt Ion:	83	Resp:	156317
Ion	Ratio	Lower	Upper
83	100		
85	64.7	50.1	75.1





#31

Cyclohexane

Concen: 53.842 ug/l

RT: 5.458 min Scan# 718

Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 129162

Ion Ratio Lower Upper

56 100

69 30.5 23.0 34.6

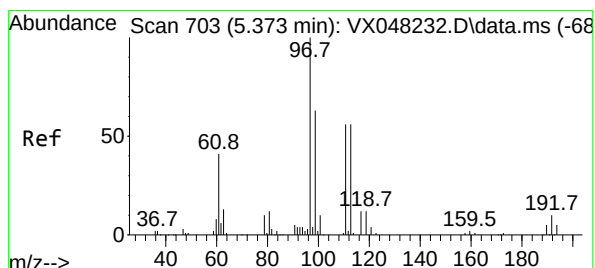
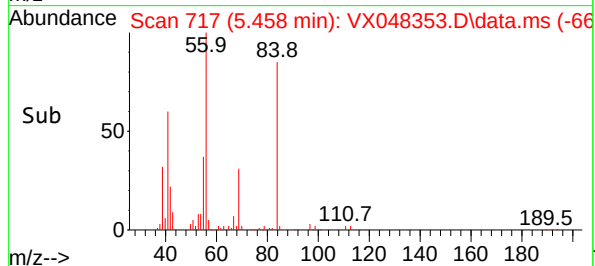
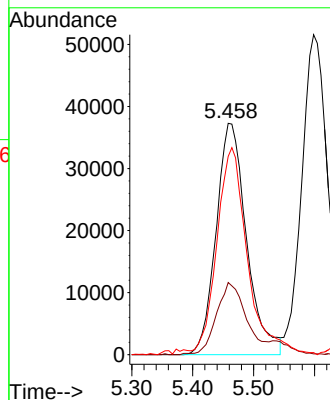
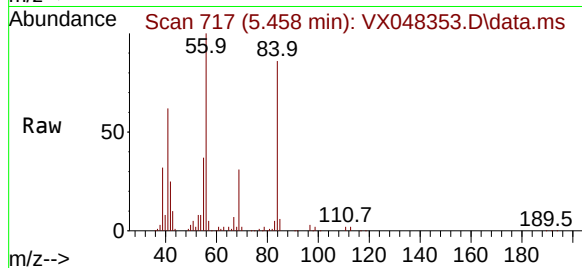
84 84.0 64.6 97.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#32

1,1,1-Trichloroethane

Concen: 49.248 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

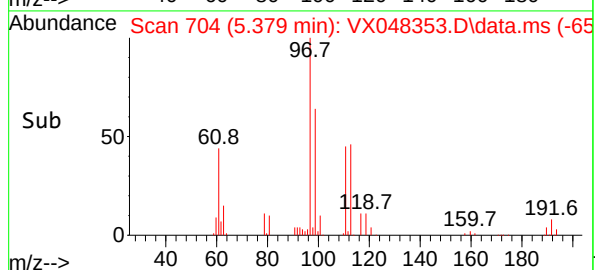
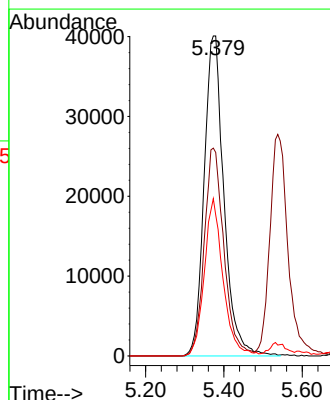
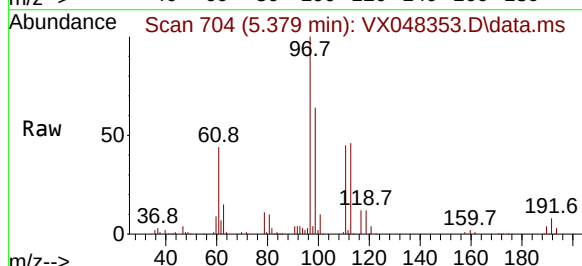
Tgt Ion: 97 Resp: 140509

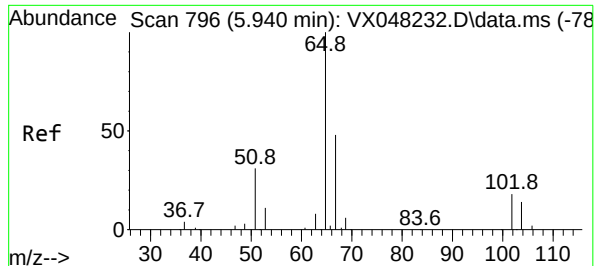
Ion Ratio Lower Upper

97 100

99 64.4 51.7 77.5

61 46.6 34.8 52.2





#33

1,2-Dichloroethane-d4

Concen: 48.565 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 9385

Ion Ratio Lower Upper

65 100

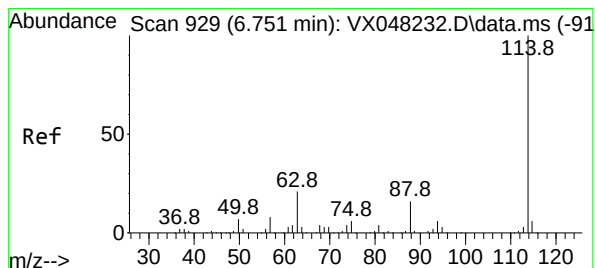
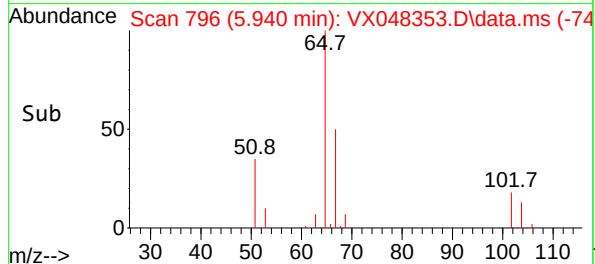
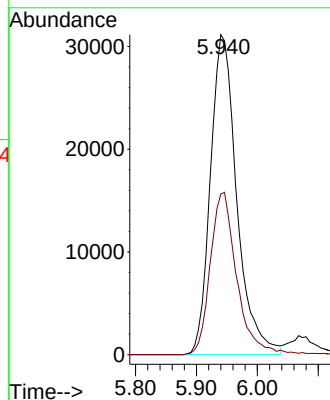
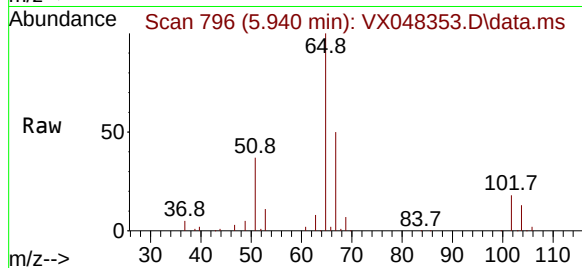
67 51.1 0.0 105.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

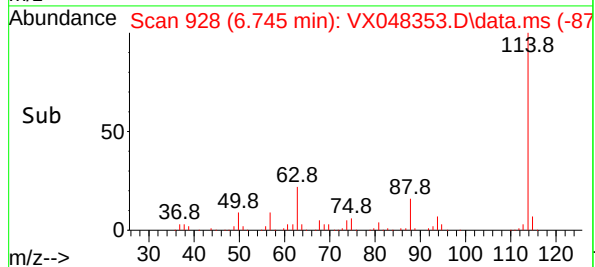
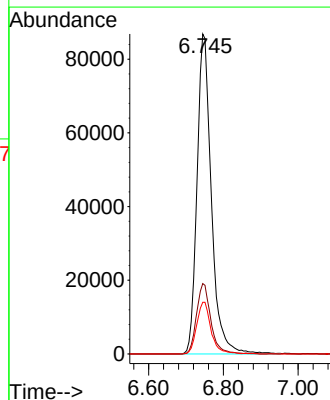
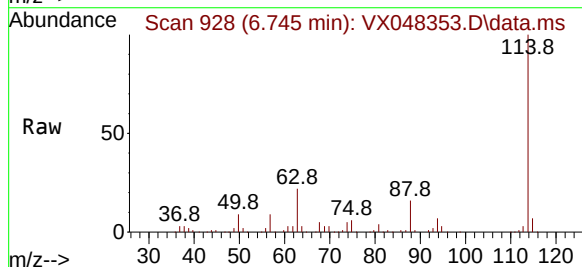
Tgt Ion:114 Resp: 230908

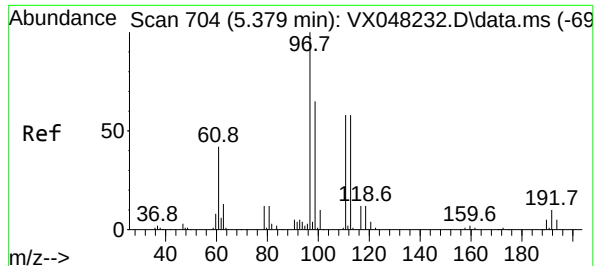
Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.2

88 16.2 0.0 33.6





#35

Dibromofluoromethane

Concen: 39.419 ug/l

RT: 5.373 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 62140

Ion Ratio Lower Upper

113 100

111 100.3 82.2 123.4

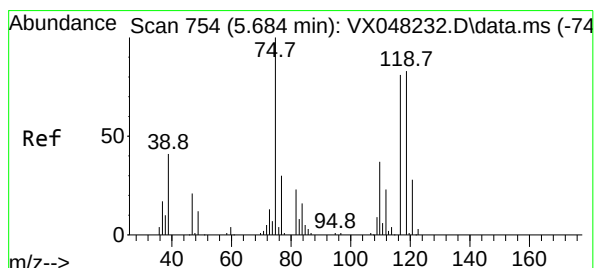
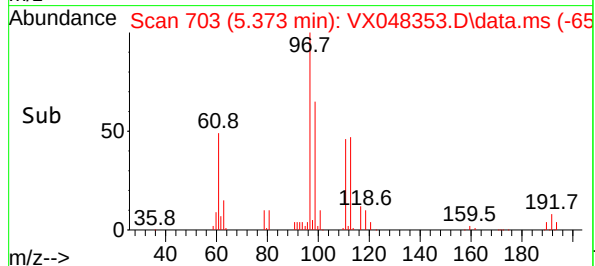
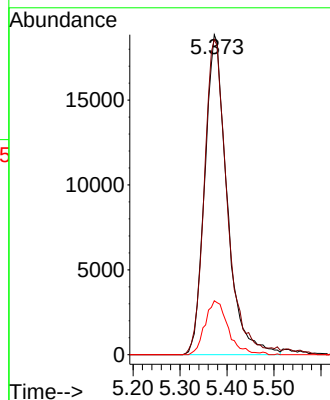
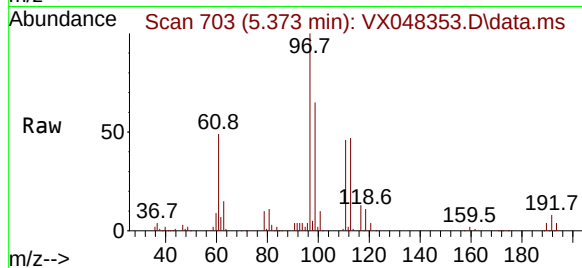
192 17.4 15.1 22.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#36

1,1-Dichloropropene

Concen: 46.369 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

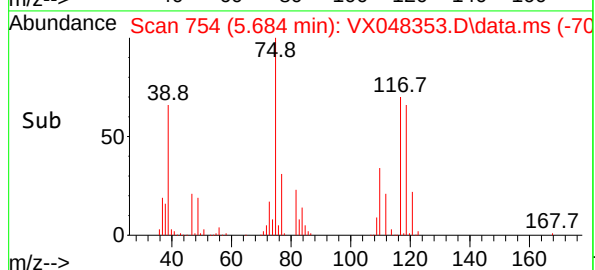
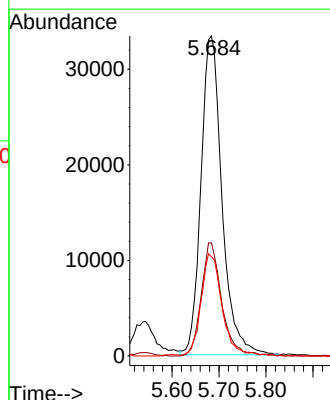
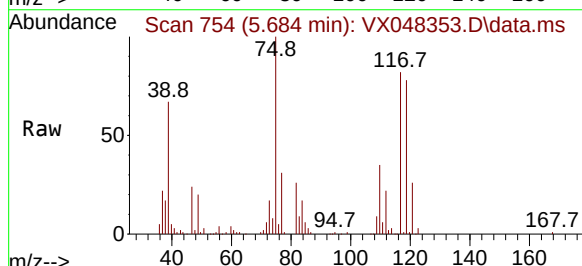
Tgt Ion: 75 Resp: 103893

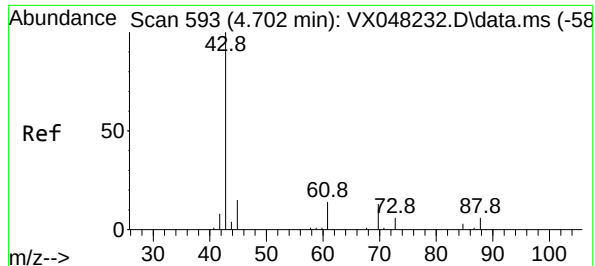
Ion Ratio Lower Upper

75 100

110 34.6 17.7 53.1

77 30.7 24.3 36.5





#37

Ethyl Acetate

Concen: 51.057 ug/l

RT: 4.696 min Scan# 592

Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 9482

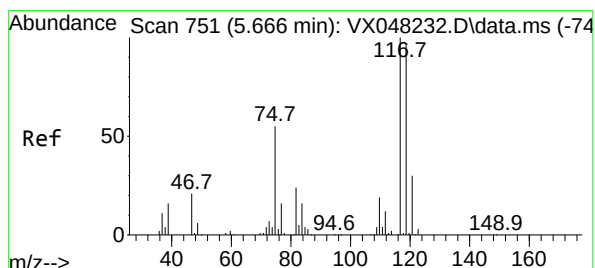
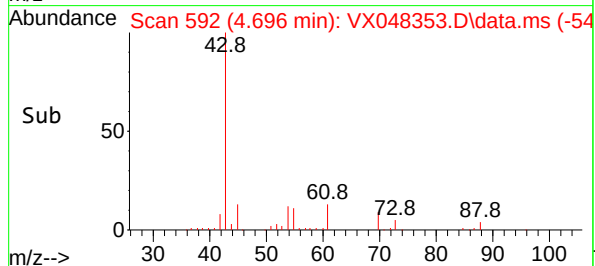
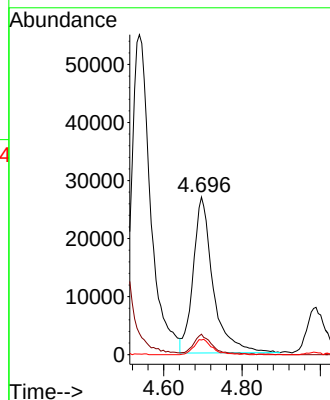
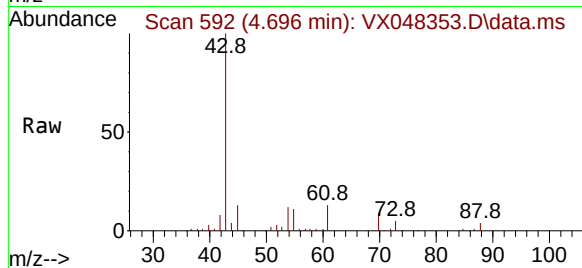
Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.6	15.8
70	9.0	7.8	11.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#38

Carbon Tetrachloride

Concen: 43.846 ug/l

RT: 5.665 min Scan# 751

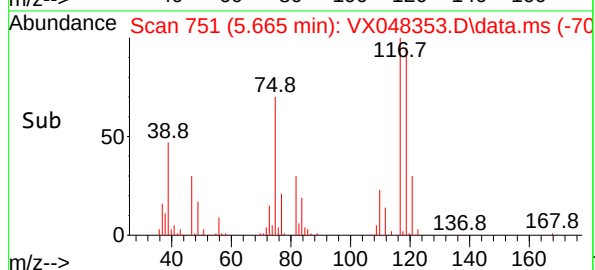
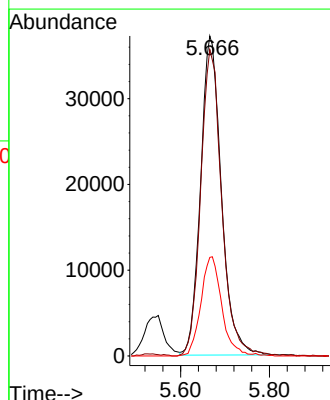
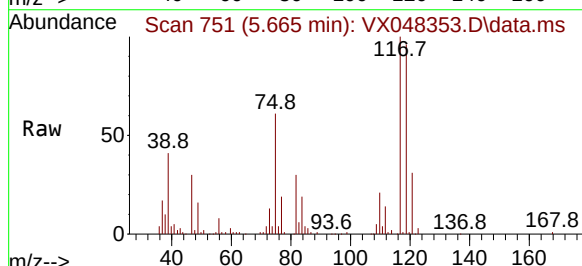
Delta R.T. -0.000 min

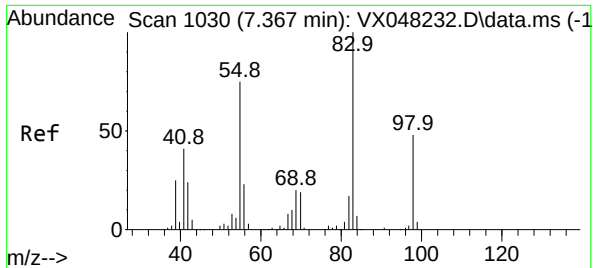
Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Tgt Ion:117 Resp: 121202

Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.2	115.8
121	30.9	24.8	37.2





#39

Methylcyclohexane

Concen: 49.732 ug/l

RT: 7.366 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 131590

Ion Ratio Lower Upper

83 100

55 78.0 66.2 99.2

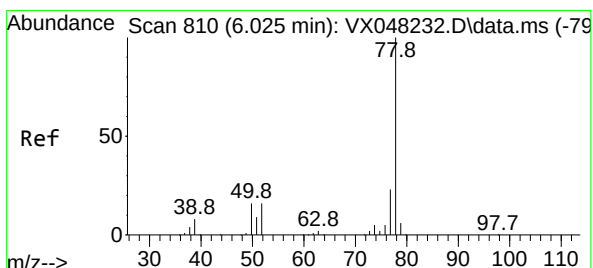
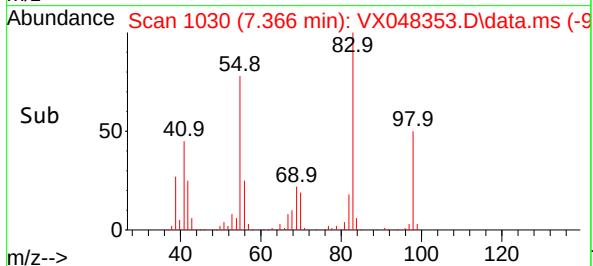
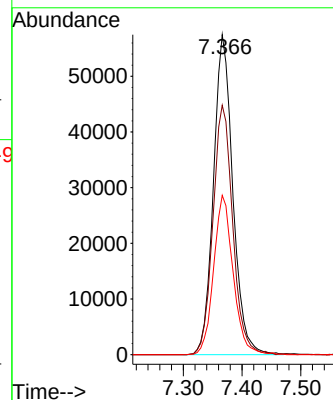
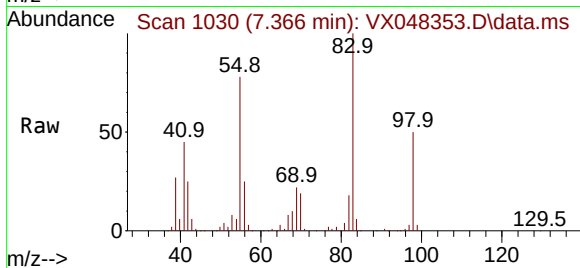
98 49.8 38.9 58.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#40

Benzene

Concen: 47.991 ug/l

RT: 6.025 min Scan# 810

Delta R.T. -0.000 min

Lab File: VX048353.D

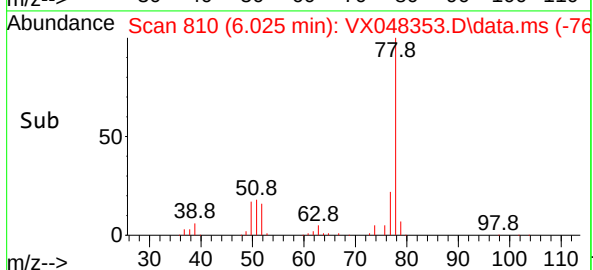
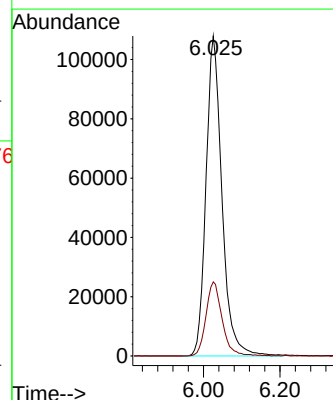
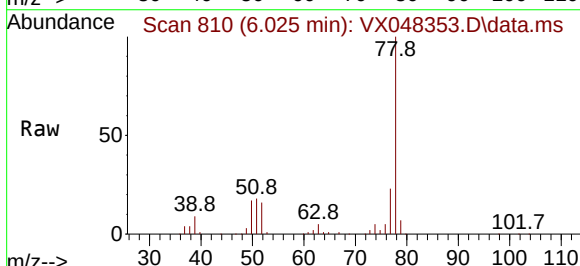
Acq: 24 Oct 2025 15:49

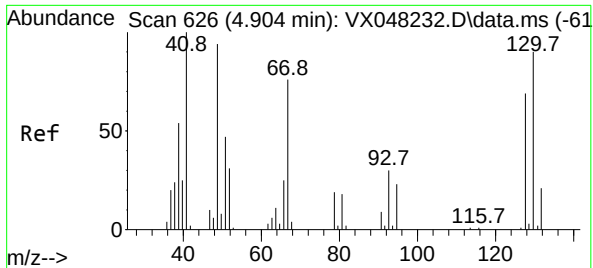
Tgt Ion: 78 Resp: 312187

Ion Ratio Lower Upper

78 100

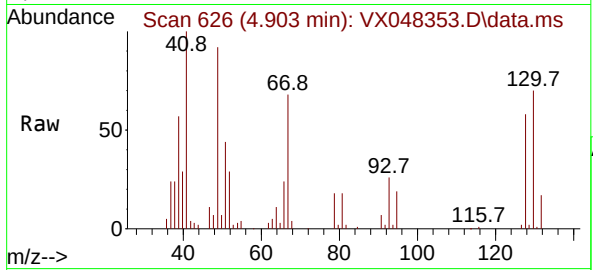
77 23.1 19.3 28.9





#41
Methacrylonitrile
Concen: 49.974 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

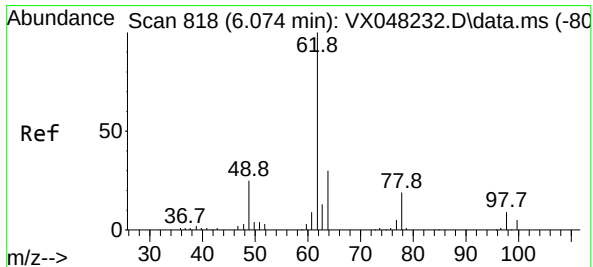
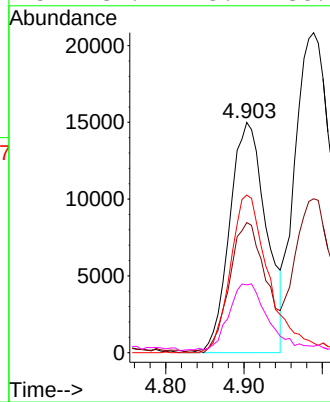
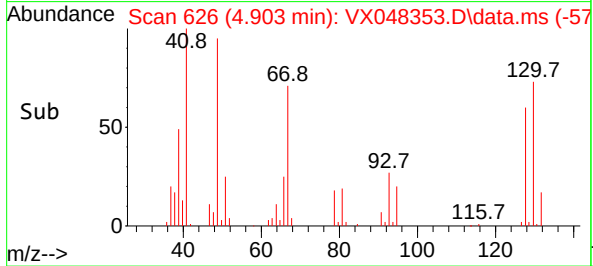
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 48739
Ion Ratio Lower Upper
41 100
39 56.3 44.0 66.0
67 72.8 58.7 88.1
52 32.9 25.9 38.9

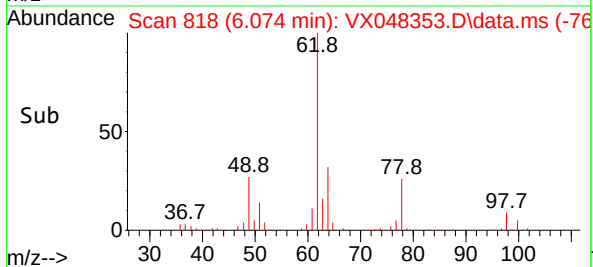
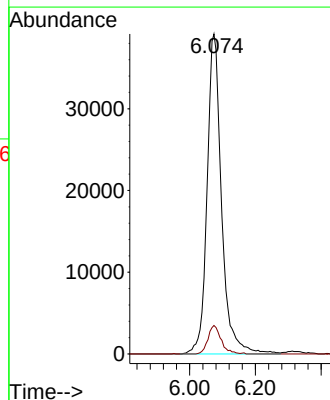
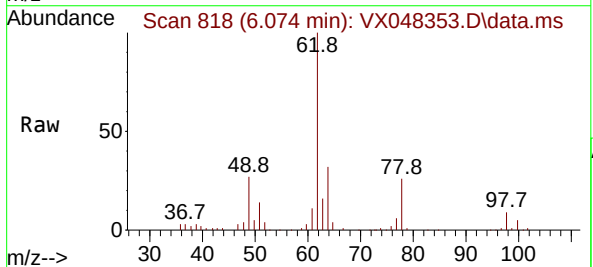
Manual Integrations
APPROVED

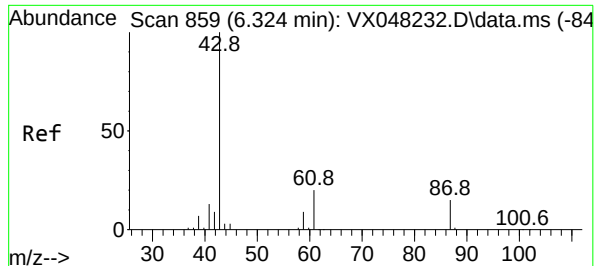
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#42
1,2-Dichloroethane
Concen: 49.865 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 62 Resp: 119697
Ion Ratio Lower Upper
62 100
98 8.1 0.0 17.2





#43

Isopropyl Acetate

Concen: 49.940 ug/l

RT: 6.318 min Scan# 859

Delta R.T. -0.006 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 152340

Ion Ratio Lower Upper

43 100

61 18.9 14.9 22.3

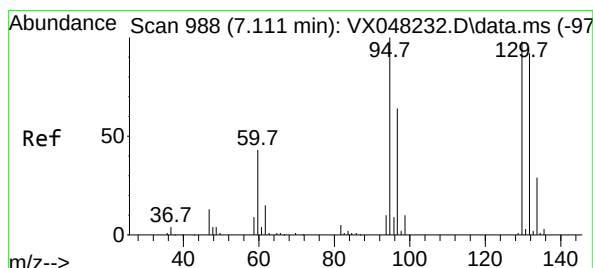
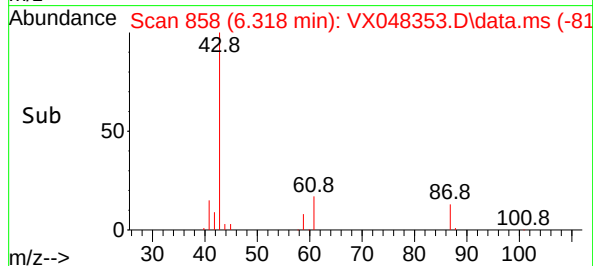
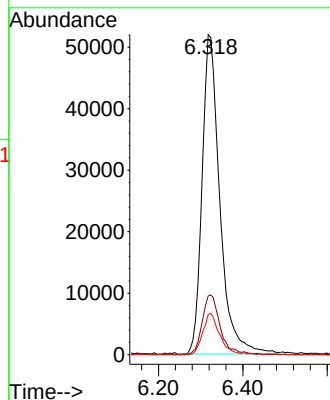
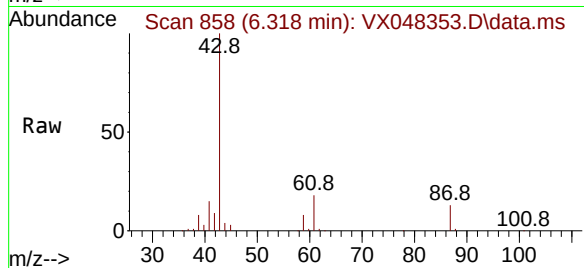
87 12.3 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#44

Trichloroethene

Concen: 46.488 ug/l

RT: 7.110 min Scan# 988

Delta R.T. -0.000 min

Lab File: VX048353.D

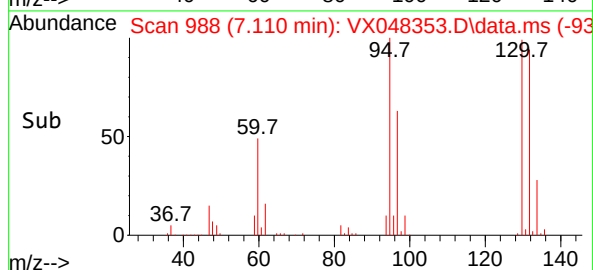
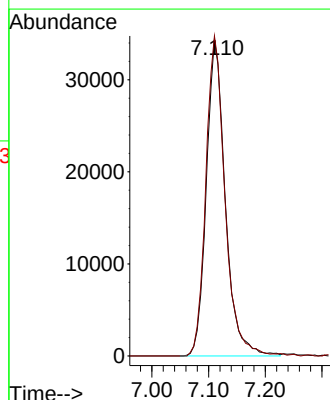
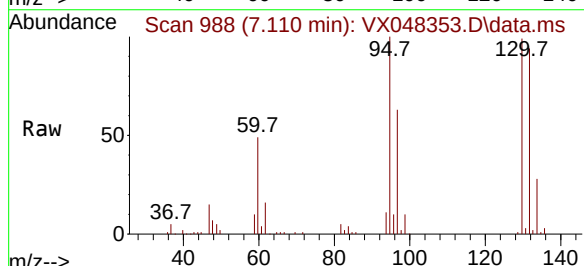
Acq: 24 Oct 2025 15:49

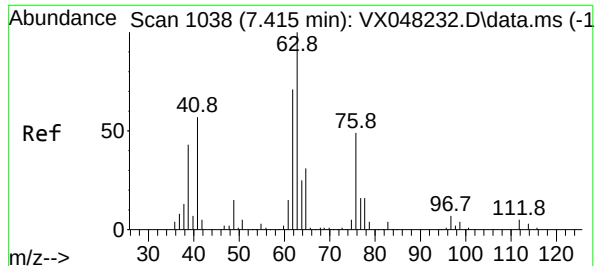
Tgt Ion:130 Resp: 79852

Ion Ratio Lower Upper

130 100

95 100.8 0.0 200.6





#45

1,2-Dichloropropane

Concen: 50.904 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 78729

Ion Ratio Lower Upper

63 100

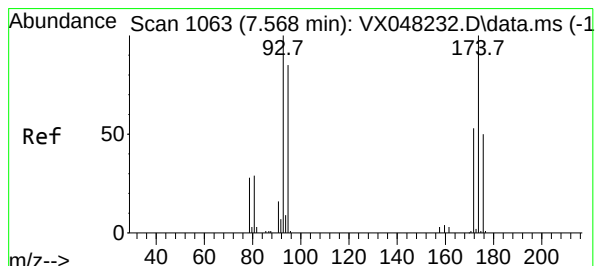
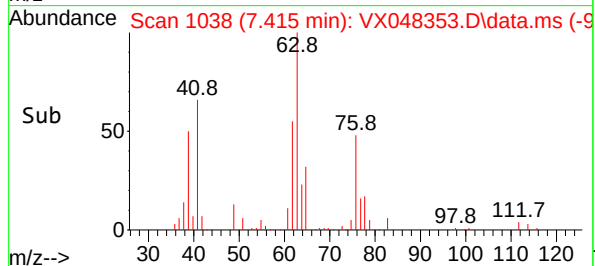
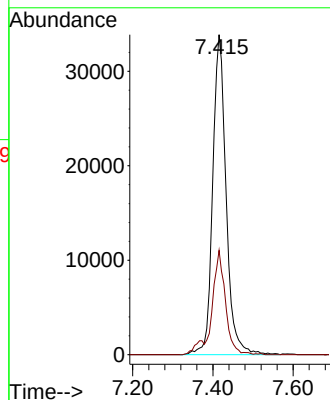
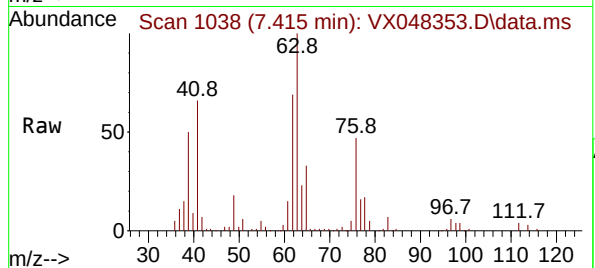
65 32.6 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#46

Dibromomethane

Concen: 46.488 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

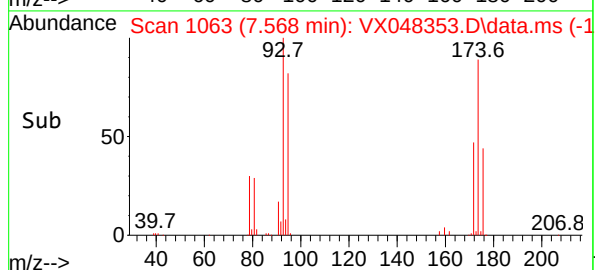
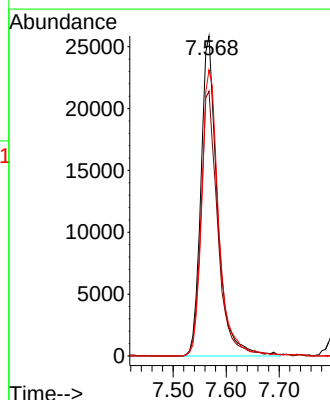
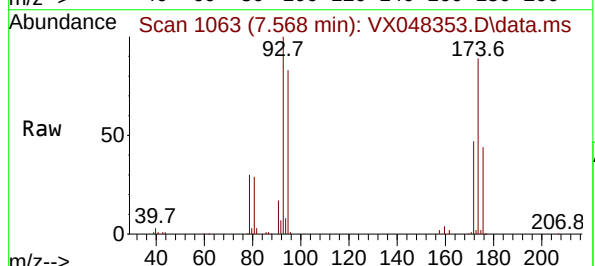
Tgt Ion: 93 Resp: 56015

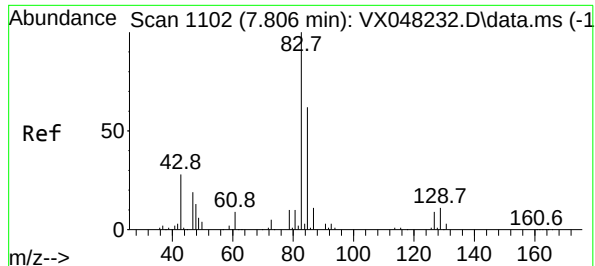
Ion Ratio Lower Upper

93 100

95 84.0 65.9 98.9

174 92.2 71.7 107.5





#47

Bromodichloromethane

Concen: 47.075 ug/l

RT: 7.805 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

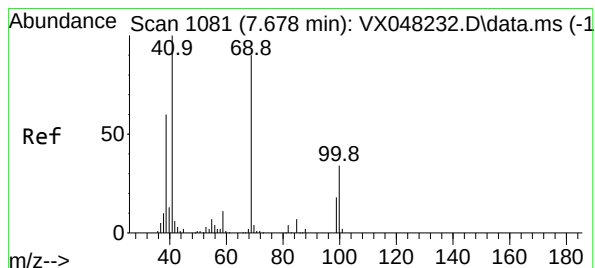
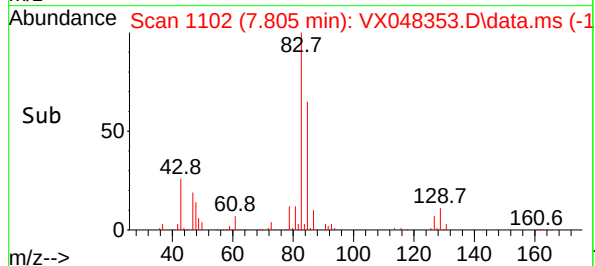
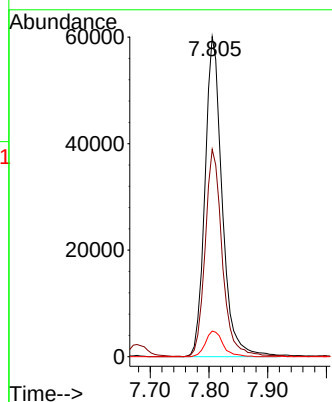
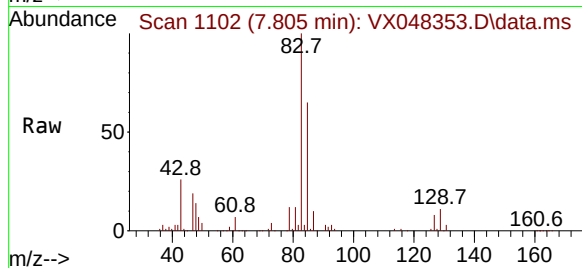
Tgt Ion:	83	Resp:	122472
Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.2	78.4
127	8.0	7.3	10.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#48

Methyl methacrylate

Concen: 50.123 ug/l

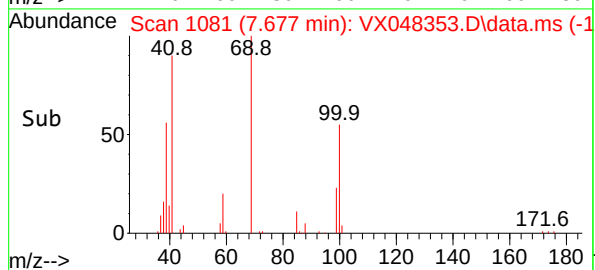
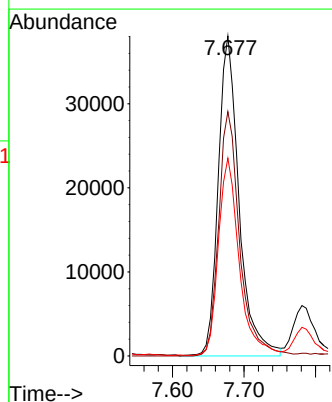
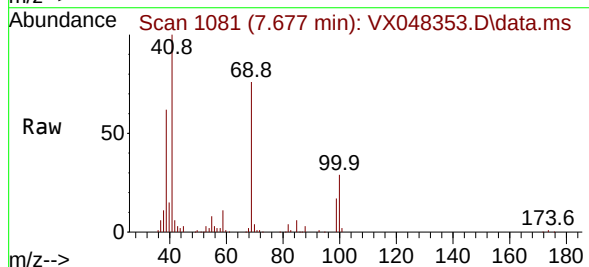
RT: 7.677 min Scan# 1081

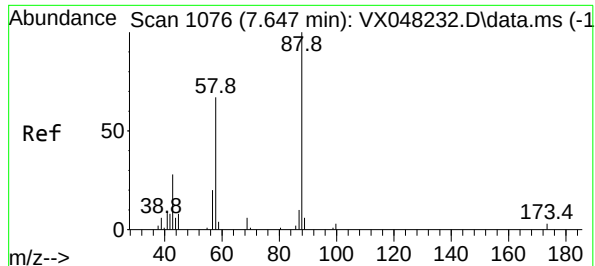
Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Tgt Ion:	41	Resp:	77157
Ion	Ratio	Lower	Upper
41	100		
69	76.8	63.4	95.0
39	61.4	47.1	70.7





#49

1,4-Dioxane

Concen: 767.869 ug/l

RT: 7.641 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 15610

Ion Ratio Lower Upper

88 100

43 40.1 35.0 52.4

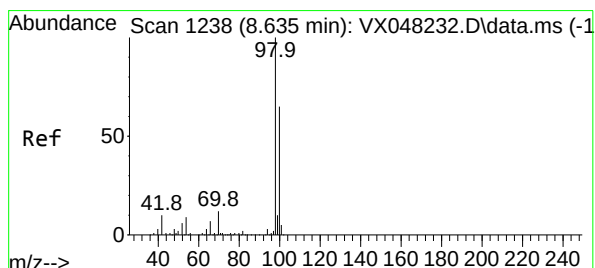
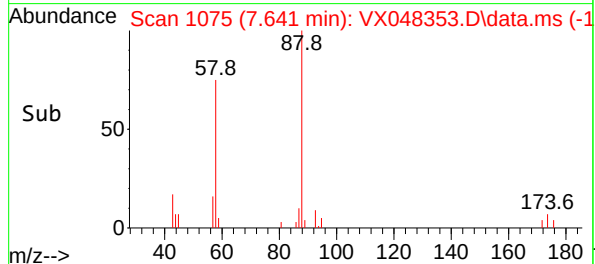
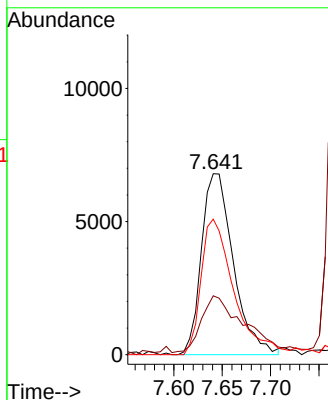
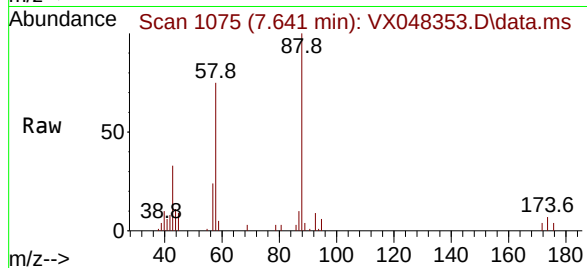
58 76.7 61.9 92.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#50

Toluene-d8

Concen: 46.661 ug/l

RT: 8.634 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX048353.D

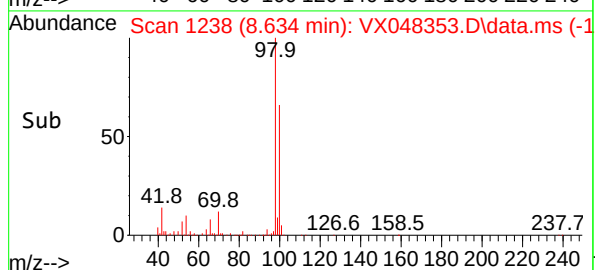
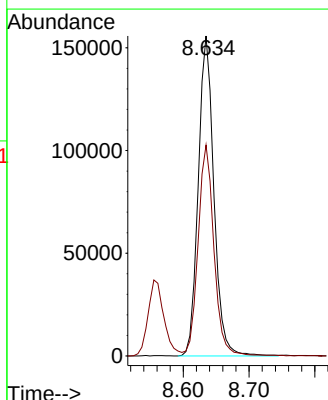
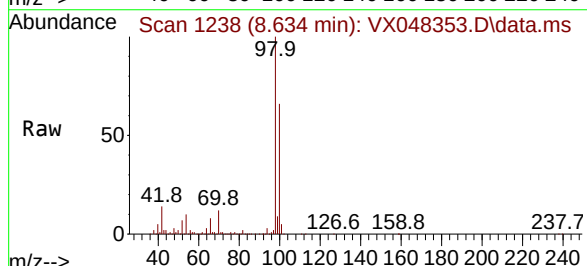
Acq: 24 Oct 2025 15:49

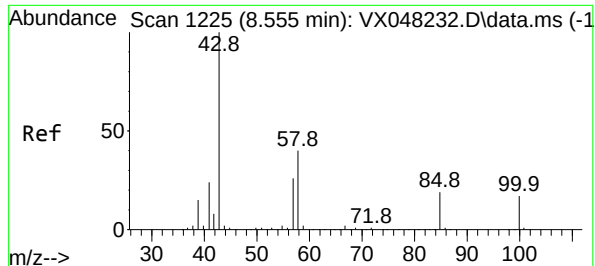
Tgt Ion: 98 Resp: 257823

Ion Ratio Lower Upper

98 100

100 66.7 53.0 79.4





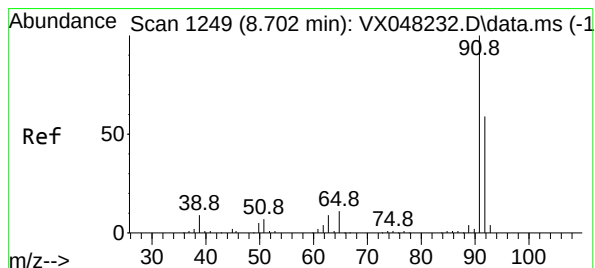
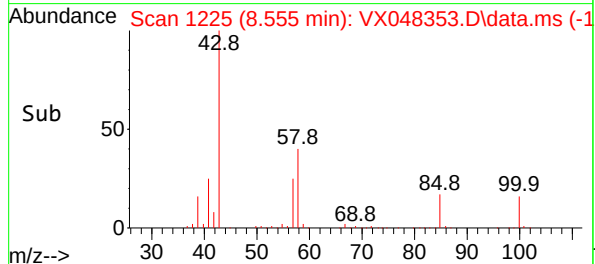
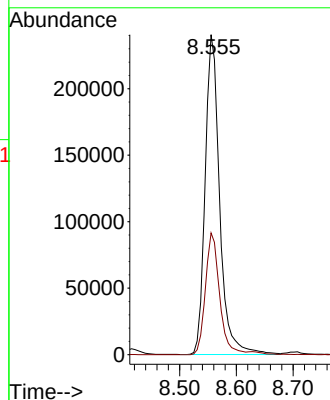
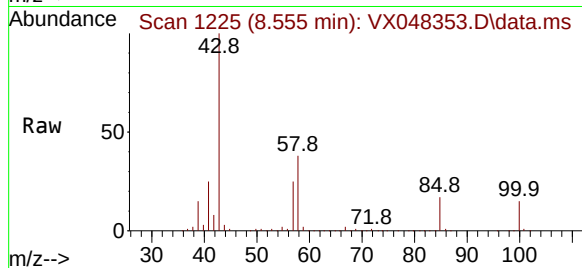
#51
4-Methyl-2-Pentanone
Concen: 242.909 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 427244
Ion Ratio Lower Upper
43 100
58 38.2 29.5 44.3

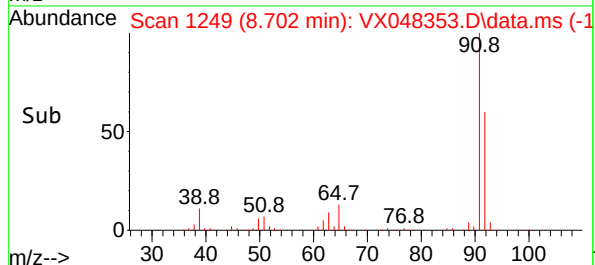
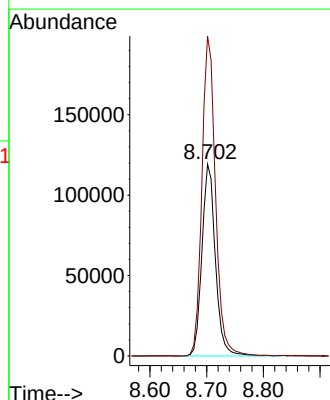
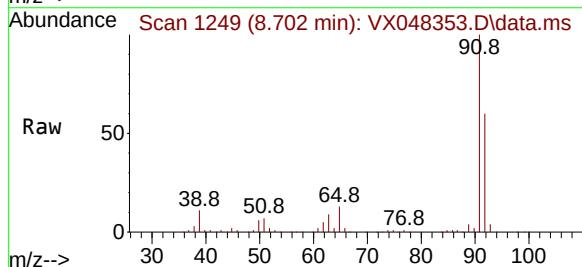
Manual Integrations
APPROVED

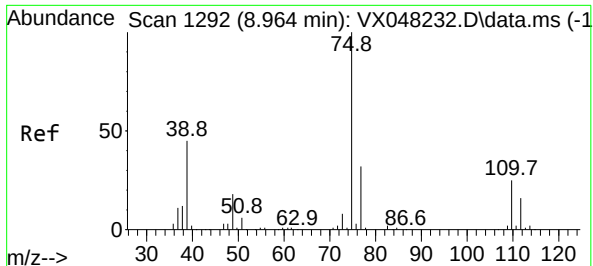
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#52
Toluene
Concen: 47.417 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 92 Resp: 195954
Ion Ratio Lower Upper
92 100
91 168.4 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 44.482 ug/l

RT: 8.964 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 11152

Ion Ratio Lower Upper

75 100

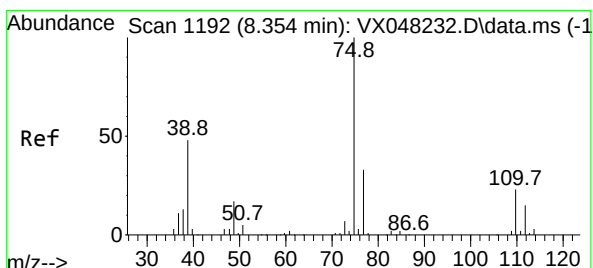
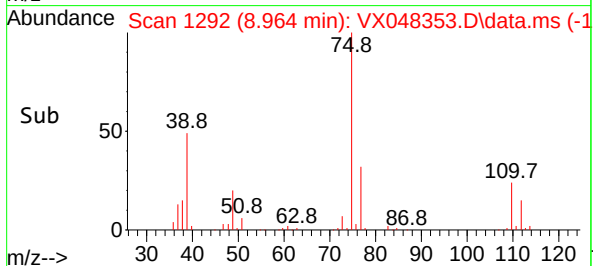
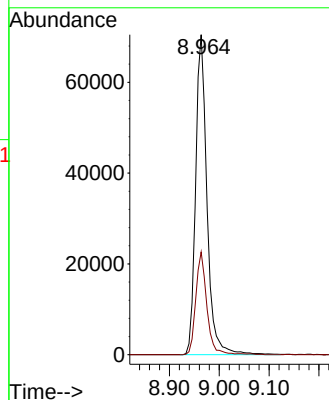
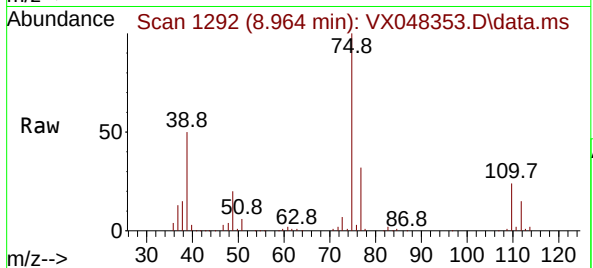
77 32.1 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#54

cis-1,3-Dichloropropene

Concen: 42.583 ug/l

RT: 8.354 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

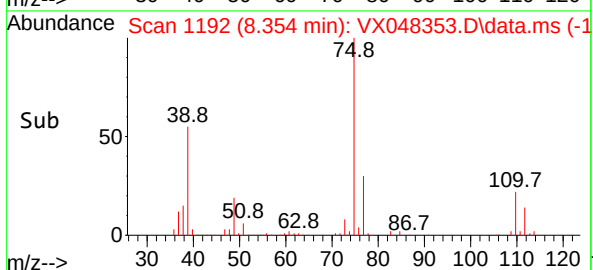
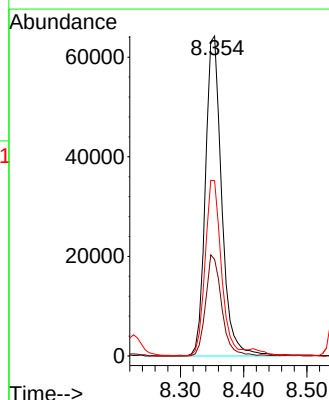
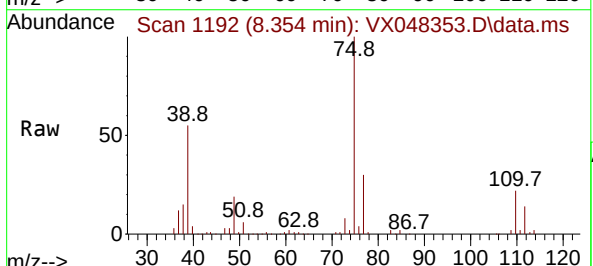
Tgt Ion: 75 Resp: 115185

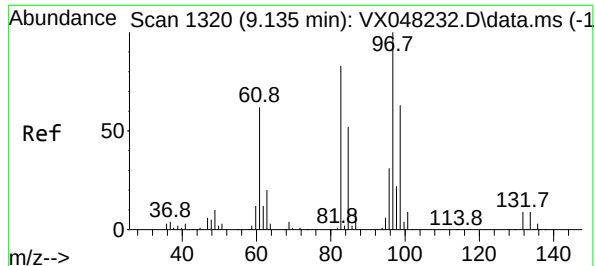
Ion Ratio Lower Upper

75 100

77 30.2 24.9 37.3

39 54.5 42.6 64.0





#55

1,1,2-Trichloroethane

Concen: 46.020 ug/l

RT: 9.134 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 70725

Ion Ratio Lower Upper

97 100

83 88.8 70.6 105.8

85 55.7 45.0 67.6

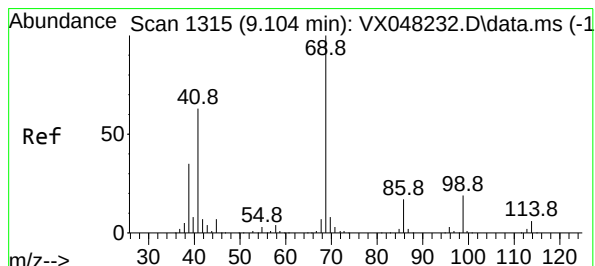
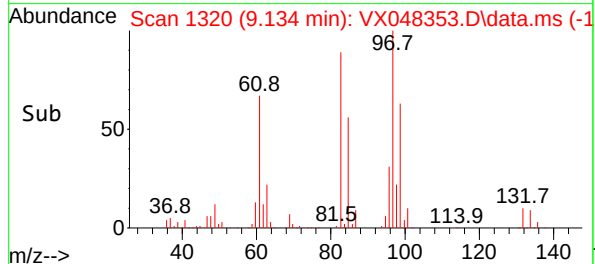
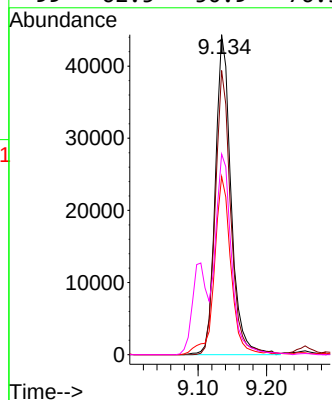
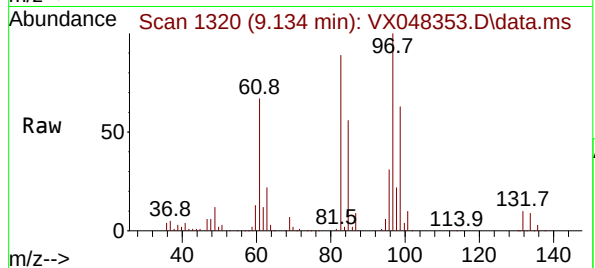
99 62.5 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#56

Ethyl methacrylate

Concen: 47.538 ug/l

RT: 9.098 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

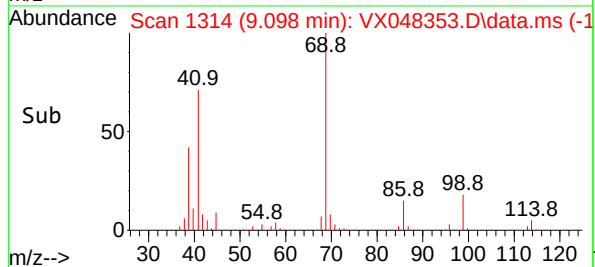
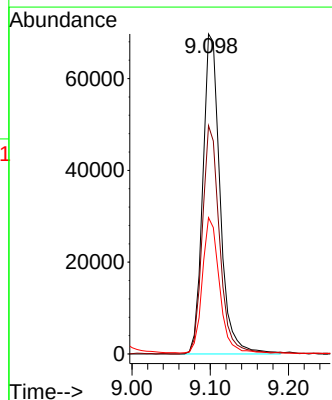
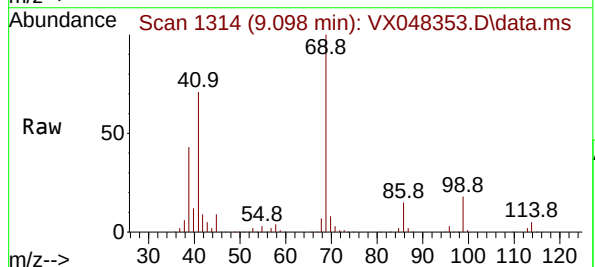
Tgt Ion: 69 Resp: 106860

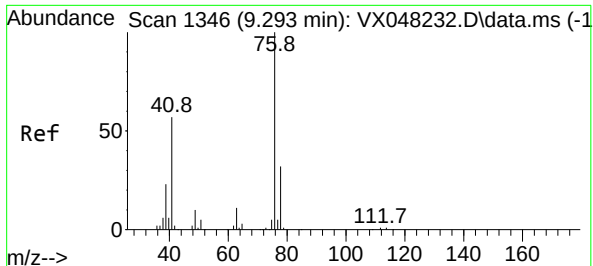
Ion Ratio Lower Upper

69 100

41 71.8 56.0 84.0

39 42.8 31.6 47.4





#57

1,3-Dichloropropane

Concen: 47.465 ug/l

RT: 9.293 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 124600

Ion Ratio Lower Upper

76 100

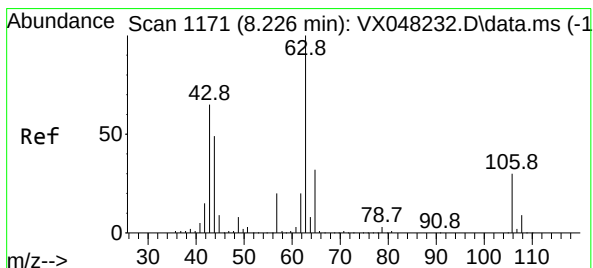
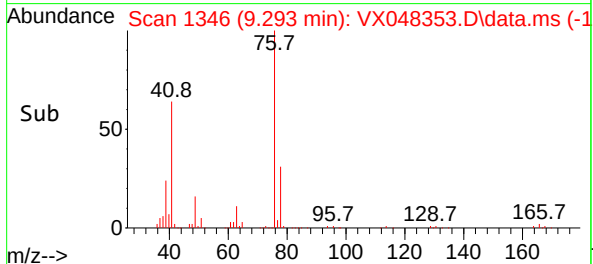
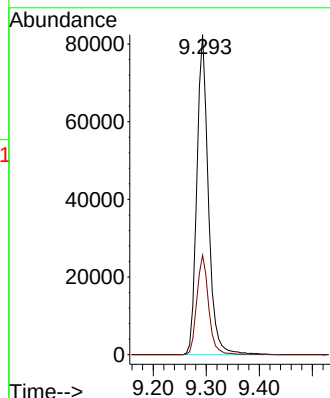
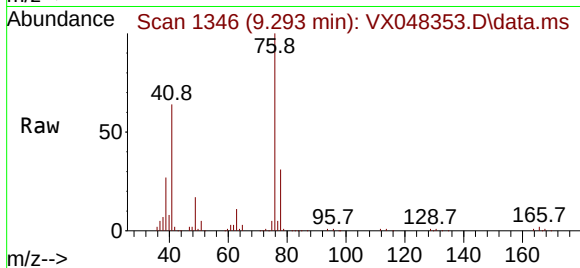
78 31.8 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#58

2-Chloroethyl Vinyl ether

Concen: 248.040 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX048353.D

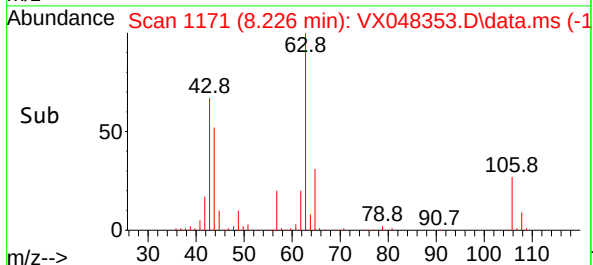
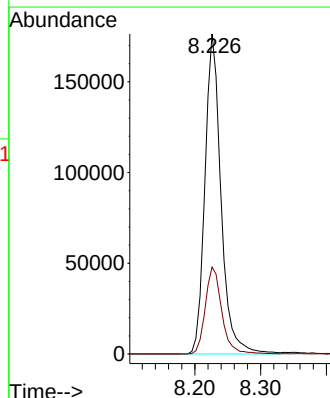
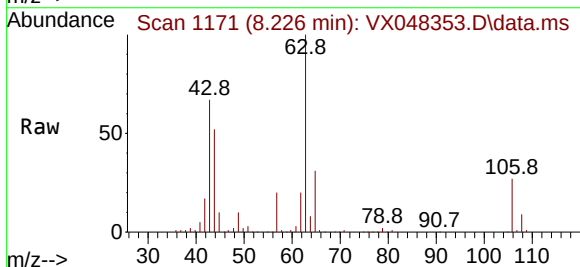
Acq: 24 Oct 2025 15:49

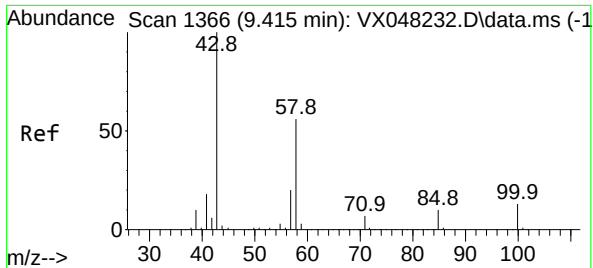
Tgt Ion: 63 Resp: 299785

Ion Ratio Lower Upper

63 100

106 27.9 22.2 33.2





#59

2-Hexanone

Concen: 236.310 ug/l

RT: 9.415 min Scan# 1366

Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 289819

Ion Ratio Lower Upper

43 100

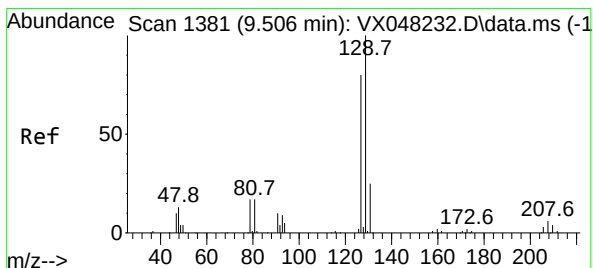
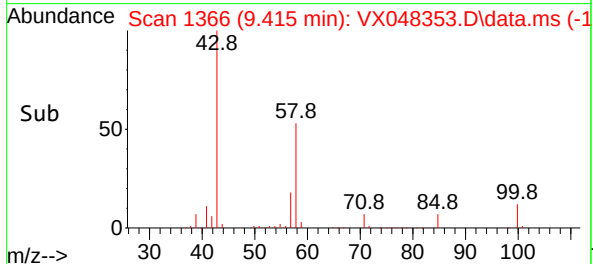
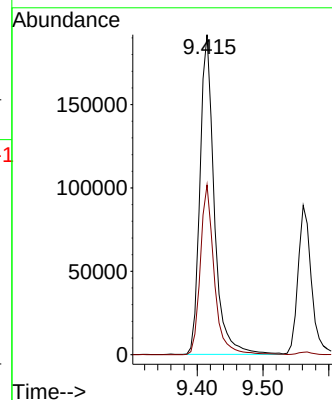
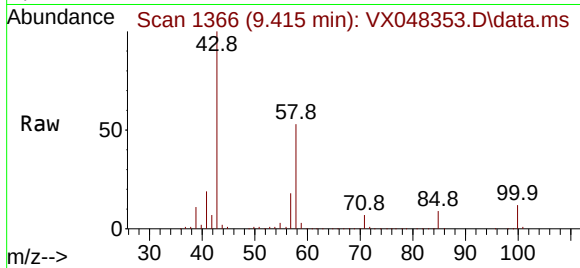
58 51.9 26.3 78.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#60

Dibromochloromethane

Concen: 42.719 ug/l

RT: 9.506 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VX048353.D

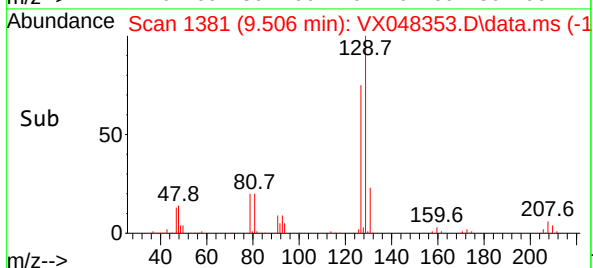
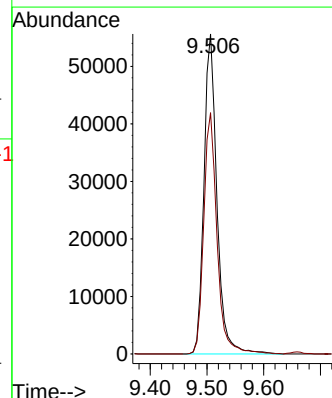
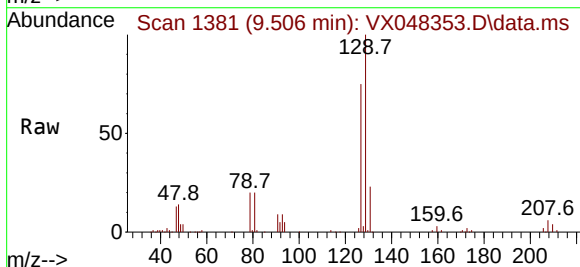
Acq: 24 Oct 2025 15:49

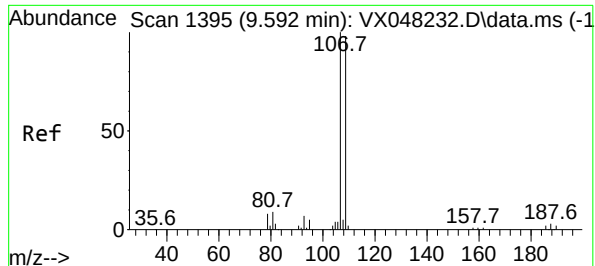
Tgt Ion:129 Resp: 88240

Ion Ratio Lower Upper

129 100

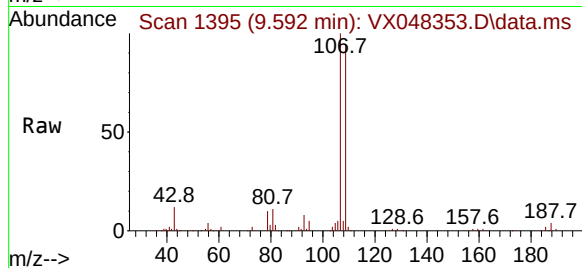
127 77.5 38.6 115.7





#61
1,2-Dibromoethane
Concen: 44.069 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

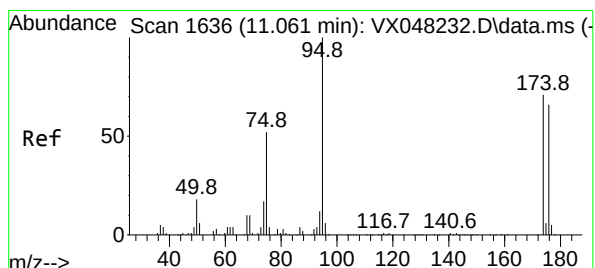
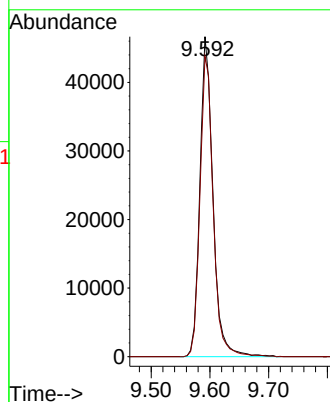
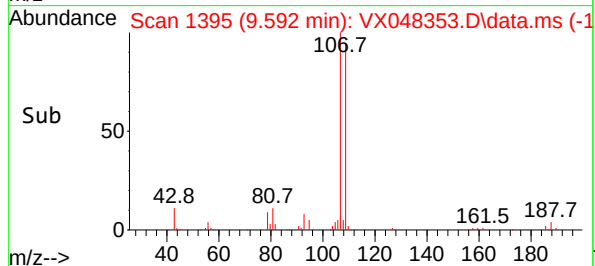
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 7220
Ion Ratio Lower Upper
107 100
109 95.1 77.0 115.4

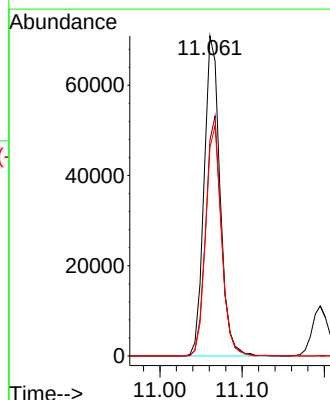
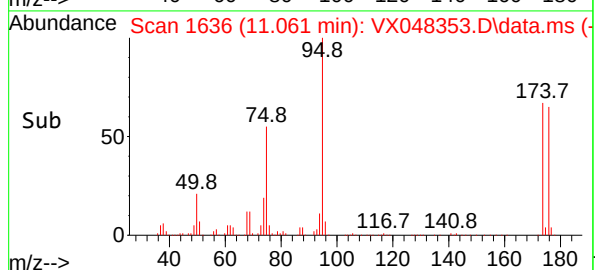
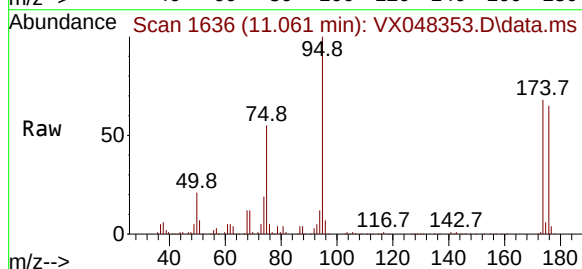
Manual Integrations
APPROVED

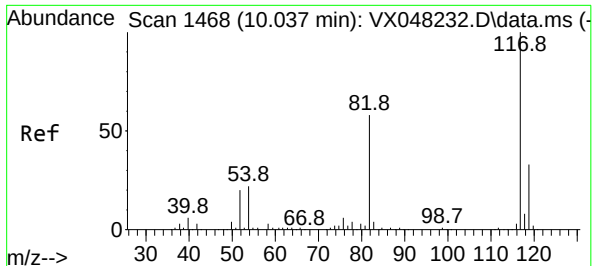
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#62
4-Bromofluorobenzene
Concen: 45.251 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

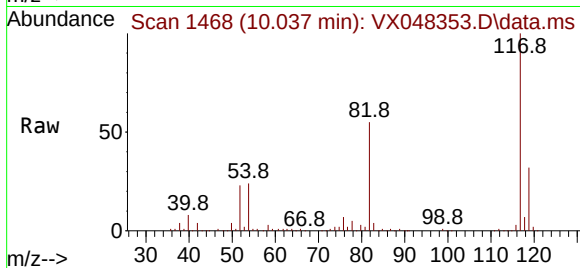
Tgt Ion: 95 Resp: 95120
Ion Ratio Lower Upper
95 100
174 73.6 0.0 147.8
176 71.7 0.0 142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

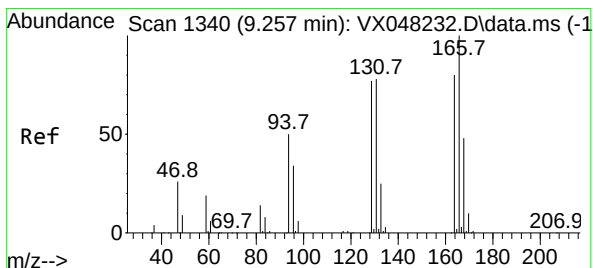
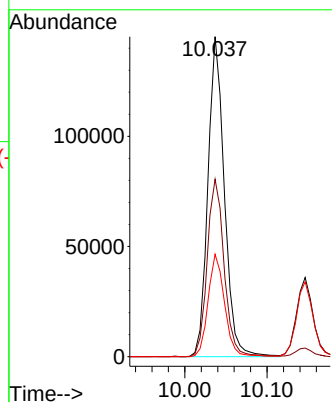
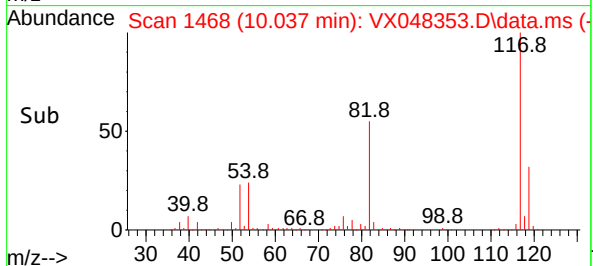
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 20189
Ion Ratio Lower Upper
117 100
82 55.3 46.5 69.7
119 32.0 25.9 38.9

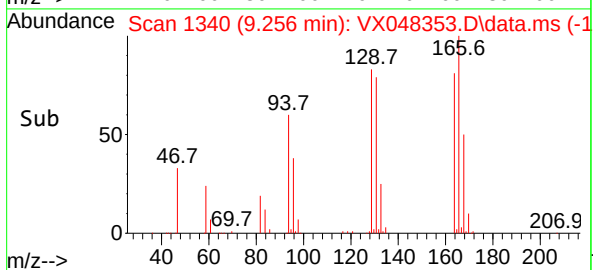
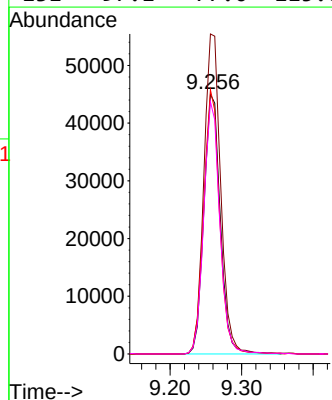
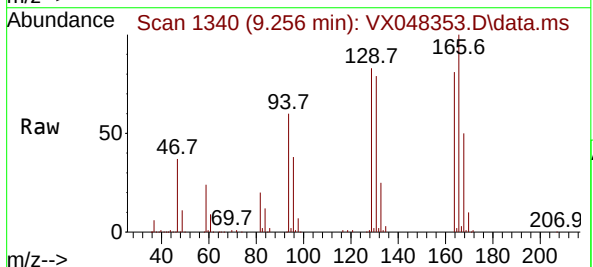
Manual Integrations
APPROVED

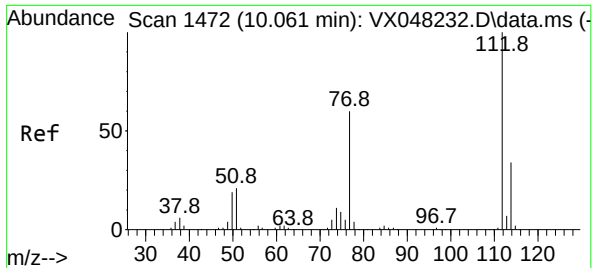
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#64
Tetrachloroethene
Concen: 47.502 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:164 Resp: 71595
Ion Ratio Lower Upper
164 100
166 123.2 104.5 156.7
129 101.7 81.8 122.6
131 97.1 77.0 115.6





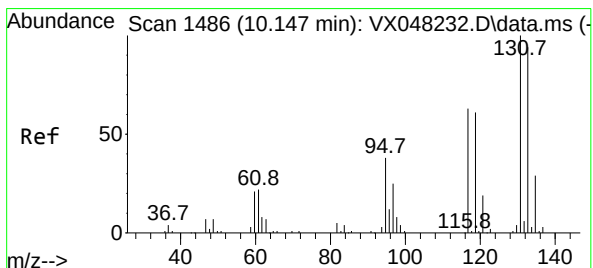
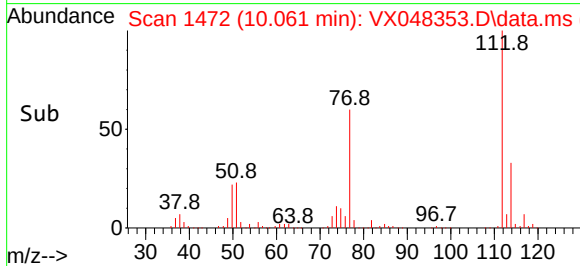
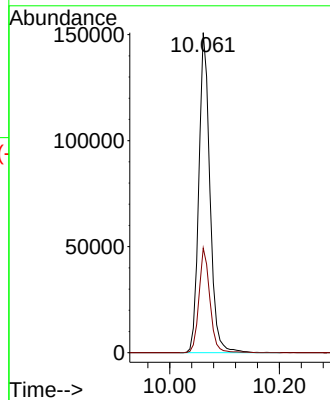
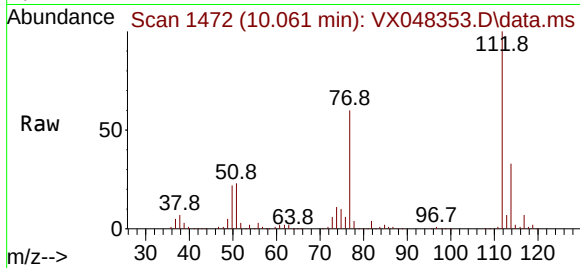
#65
Chlorobenzene
Concen: 46.854 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 212798
Ion Ratio Lower Upper
112 100
114 32.7 26.2 39.2

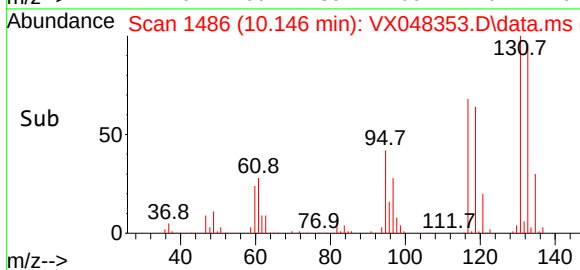
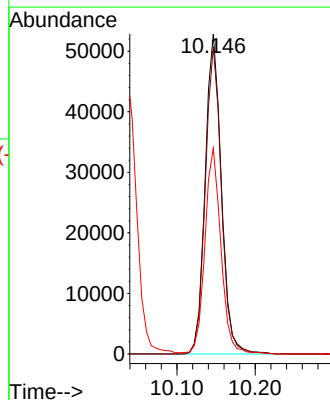
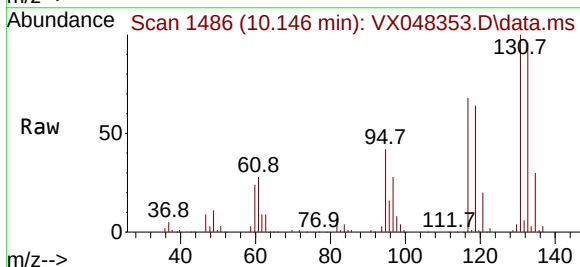
Manual Integrations
APPROVED

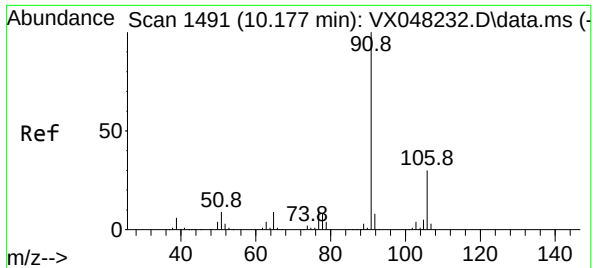
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 45.425 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

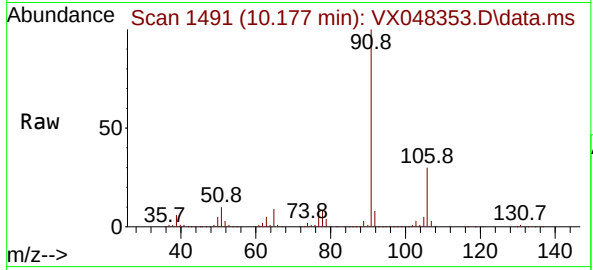
Tgt Ion:131 Resp: 75776
Ion Ratio Lower Upper
131 100
133 95.6 47.6 142.8
119 63.8 32.5 97.5





#67
Ethyl Benzene
Concen: 48.997 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

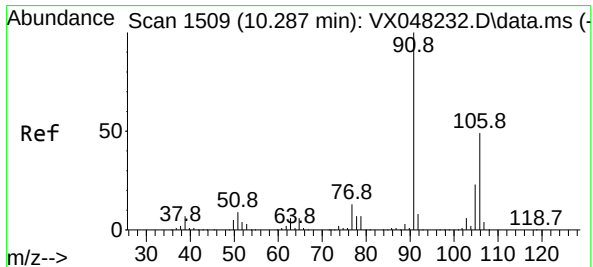
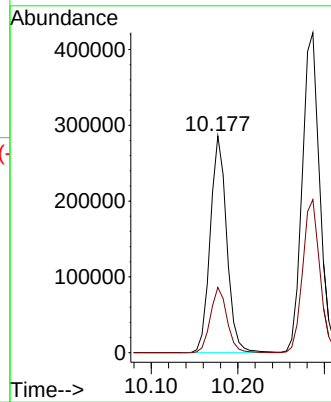
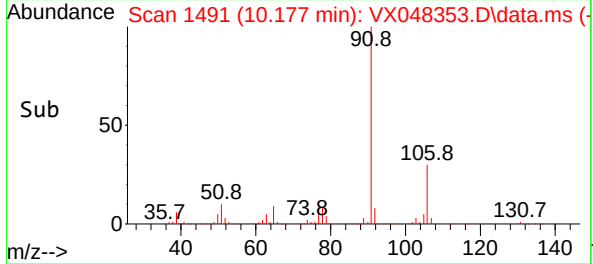
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 37887
Ion Ratio Lower Upper
91 100
106 30.1 23.8 35.6

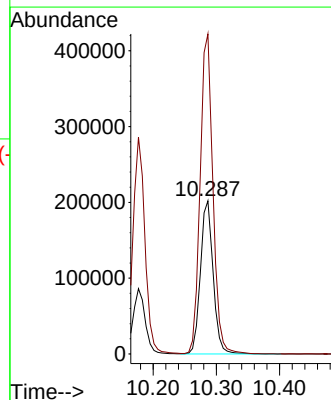
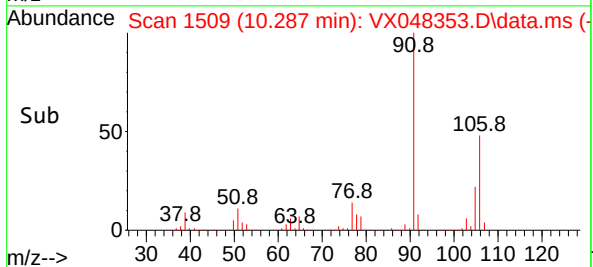
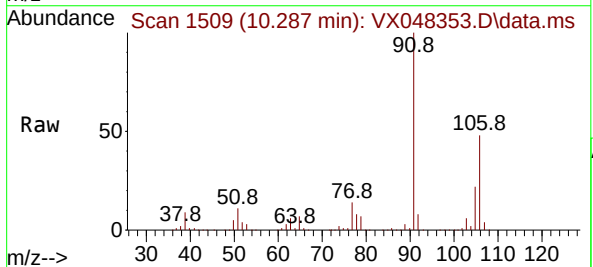
Manual Integrations
APPROVED

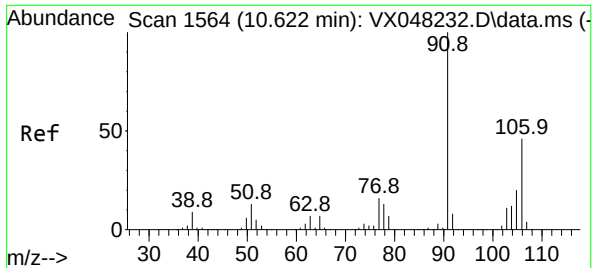
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#68
m/p-Xylenes
Concen: 98.351 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:106 Resp: 282564
Ion Ratio Lower Upper
106 100
91 210.6 167.9 251.9





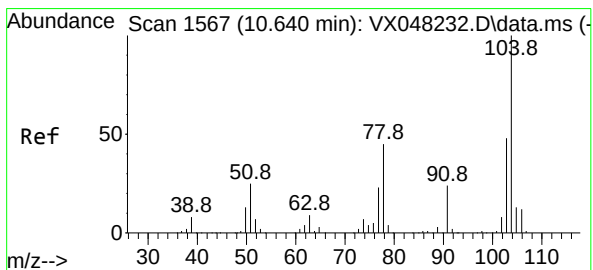
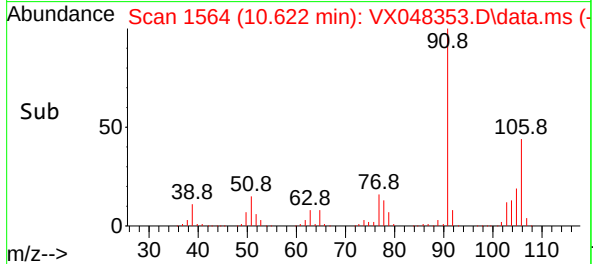
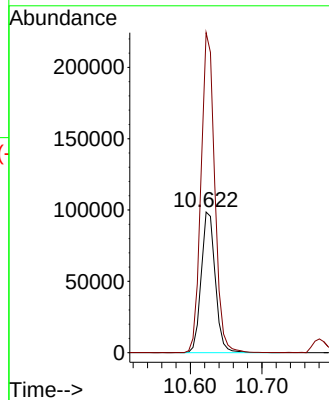
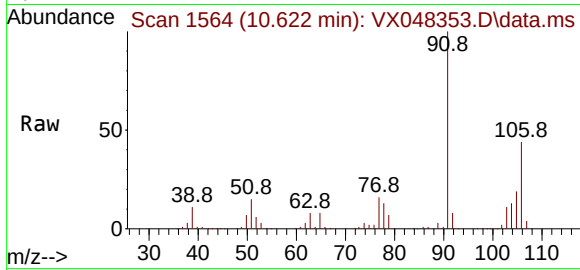
#69
o-Xylene
Concen: 48.426 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 134320
Ion Ratio Lower Upper
106 100
91 223.0 111.3 333.9

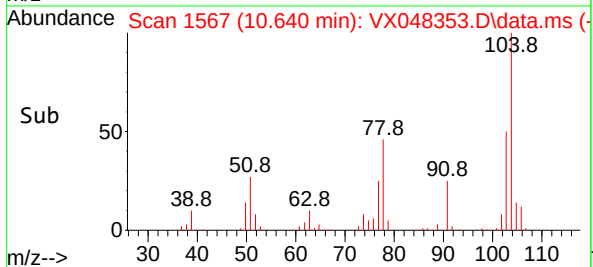
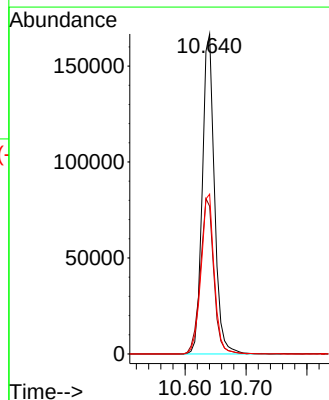
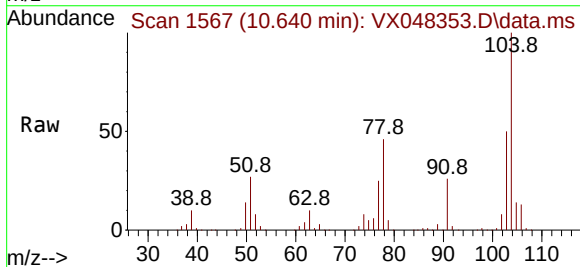
Manual Integrations
APPROVED

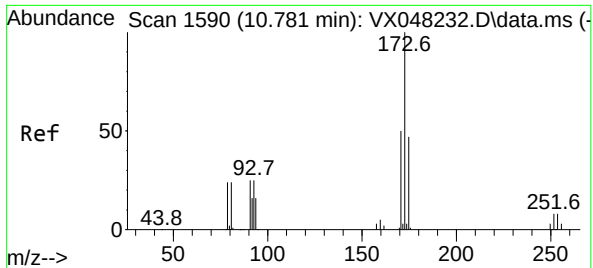
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#70
Styrene
Concen: 49.017 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

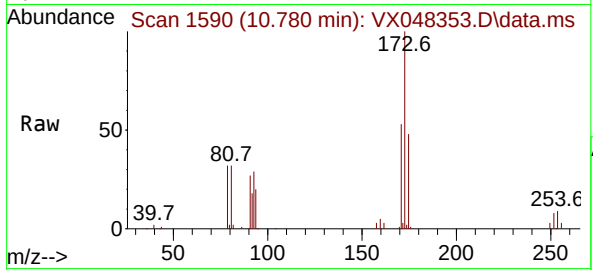
Tgt Ion:104 Resp: 231504
Ion Ratio Lower Upper
104 100
78 53.8 42.2 63.4
103 54.1 43.0 64.4





#71
Bromoform
Concen: 39.641 ug/l
RT: 10.780 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

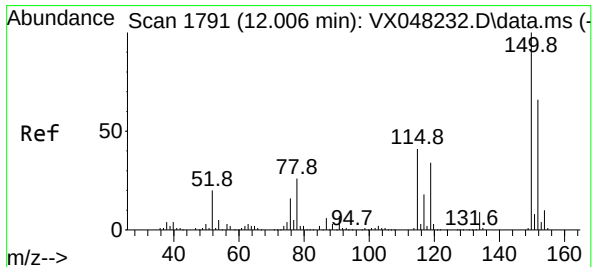
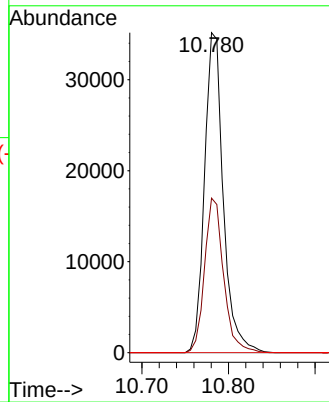
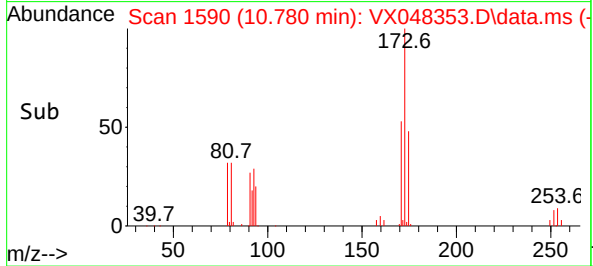
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 5285
Ion Ratio Lower Upper
173 100
175 49.1 24.0 72.0
254 0.0 0.0 0.0

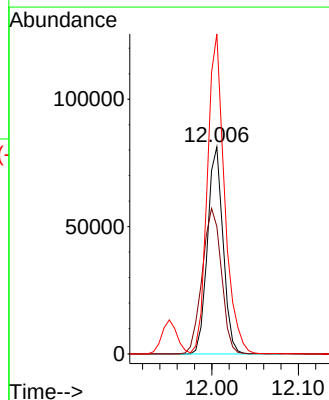
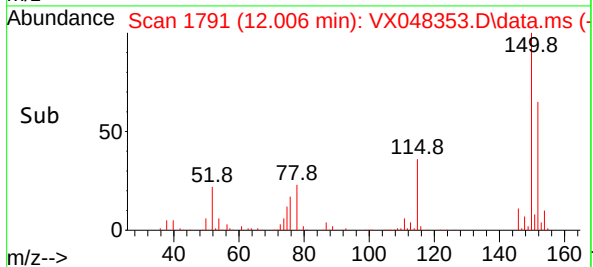
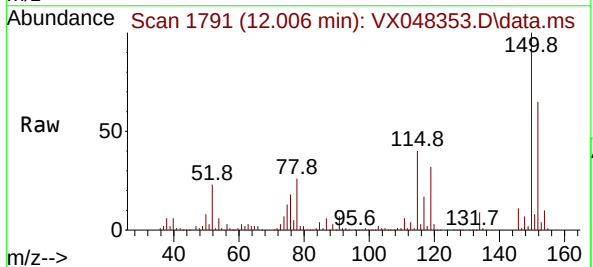
Manual Integrations
APPROVED

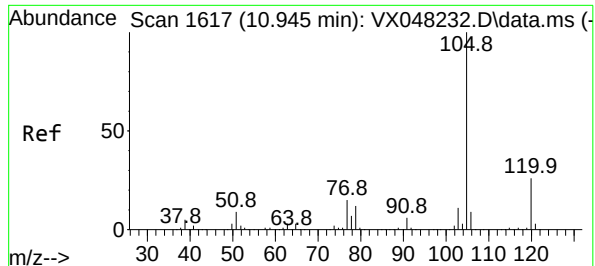
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:152 Resp: 101580
Ion Ratio Lower Upper
152 100
115 86.7 43.1 129.4
150 170.0 0.0 353.0





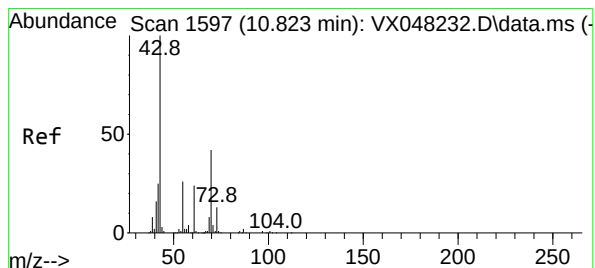
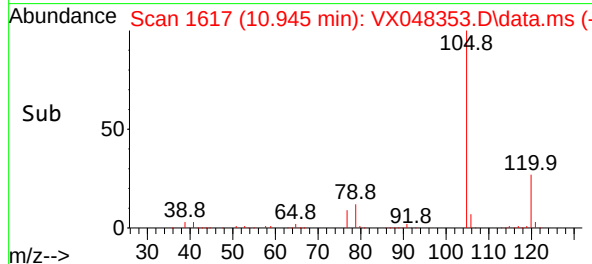
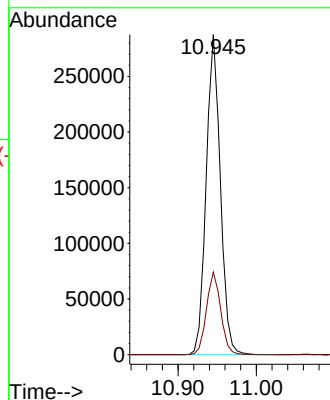
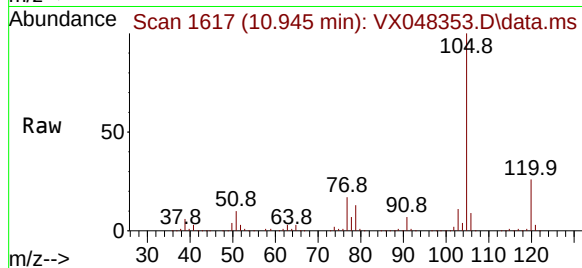
#73
Isopropylbenzene
Concen: 48.486 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 359740
Ion Ratio Lower Upper
105 100
120 26.0 13.0 38.9

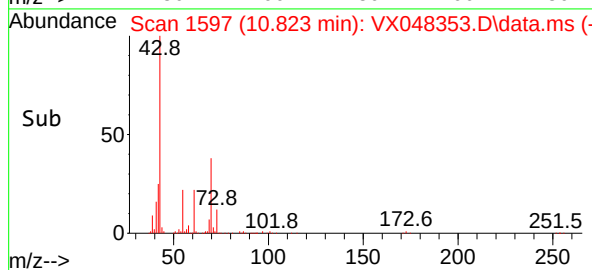
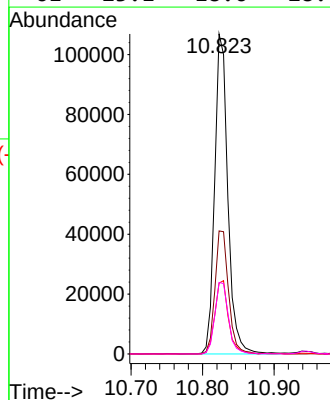
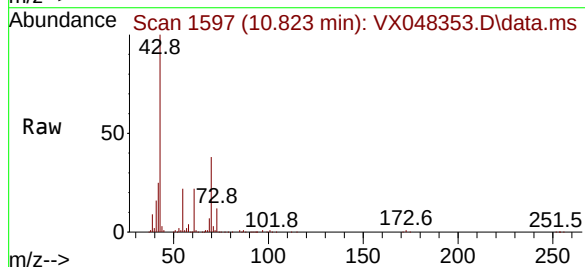
Manual Integrations
APPROVED

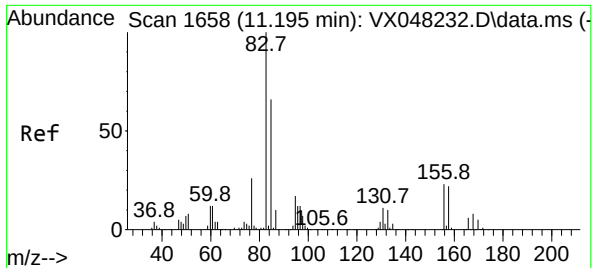
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#74
N-ethyl acetate
Concen: 51.949 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

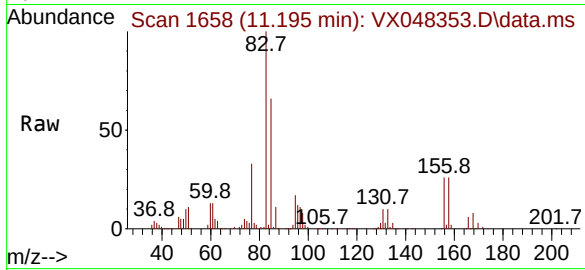
Tgt Ion: 43 Resp: 136716
Ion Ratio Lower Upper
43 100
70 39.9 32.2 48.2
55 23.5 19.1 28.7
61 23.1 18.6 28.0





#75
1,1,2,2-Tetrachloroethane
Concen: 44.044 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

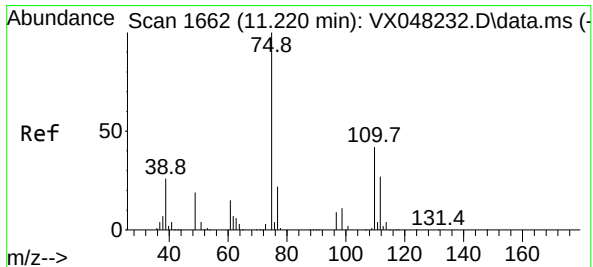
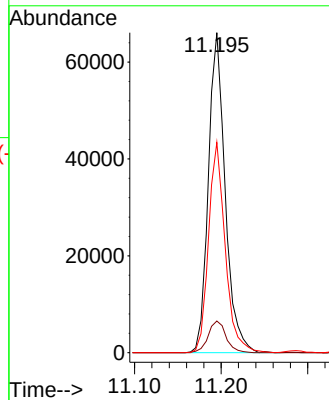
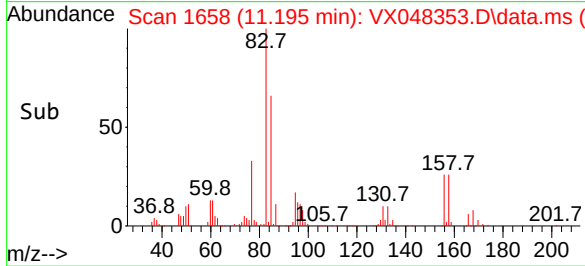
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 89239
Ion Ratio Lower Upper
83 100
131 10.5 4.8 14.4
85 65.1 31.9 95.7

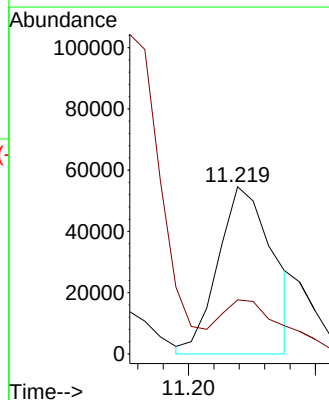
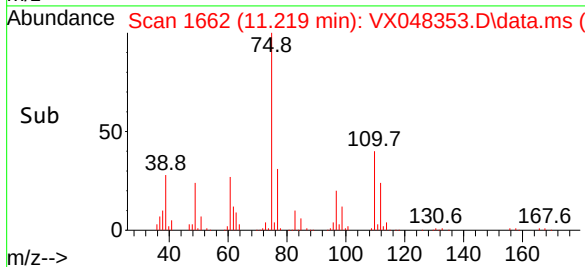
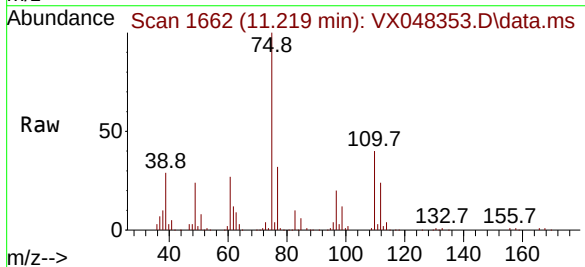
Manual Integrations
APPROVED

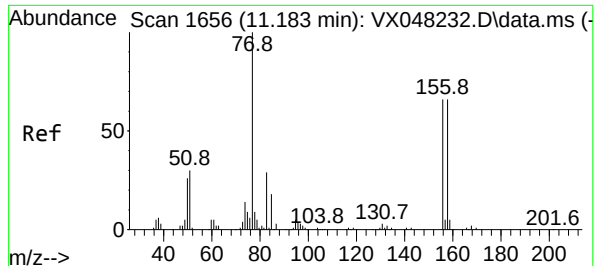
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#76
1,2,3-Trichloropropane
Concen: 49.393 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 75 Resp: 81364
Ion Ratio Lower Upper
75 100
77 37.2 22.4 67.2





#77

Bromobenzene

Concen: 45.528 ug/l

RT: 11.183 min Scan# 1656

Delta R.T. 0.006 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 84698

Ion Ratio Lower Upper

156 100

77 173.4 87.0 261.0

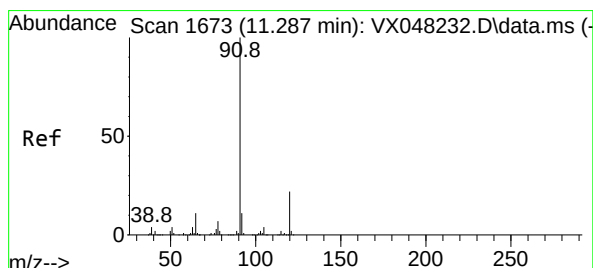
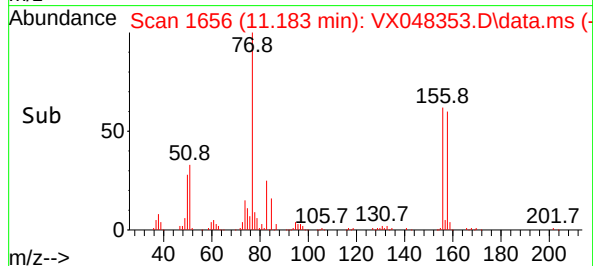
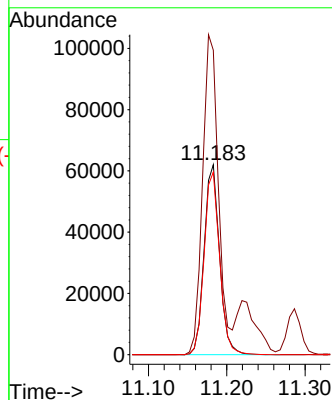
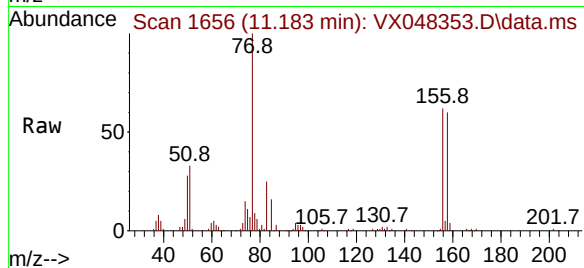
158 97.0 47.8 143.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#78

n-propylbenzene

Concen: 50.437 ug/l

RT: 11.286 min Scan# 1673

Delta R.T. -0.000 min

Lab File: VX048353.D

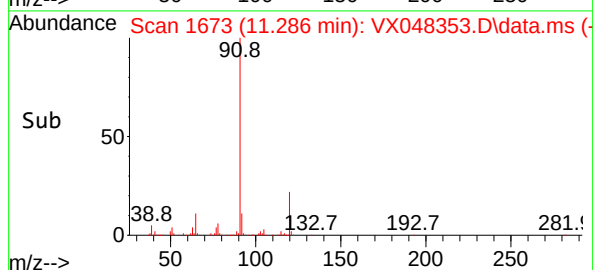
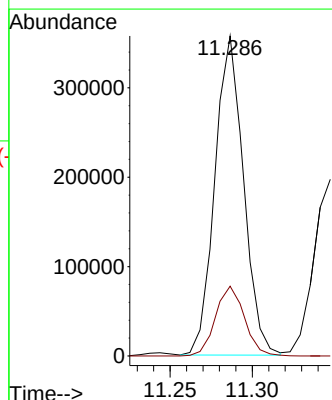
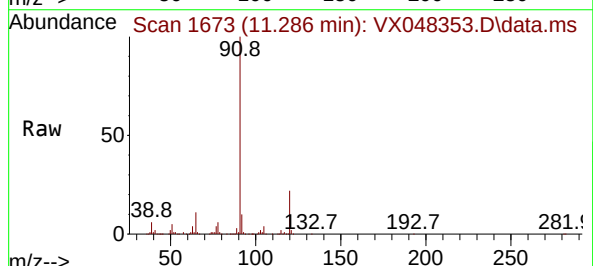
Acq: 24 Oct 2025 15:49

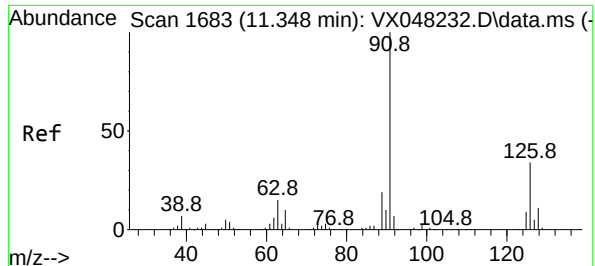
Tgt Ion: 91 Resp: 433271

Ion Ratio Lower Upper

91 100

120 22.0 11.1 33.1





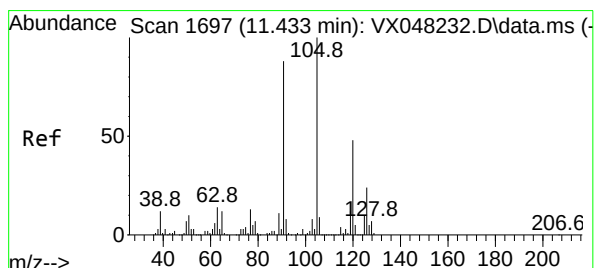
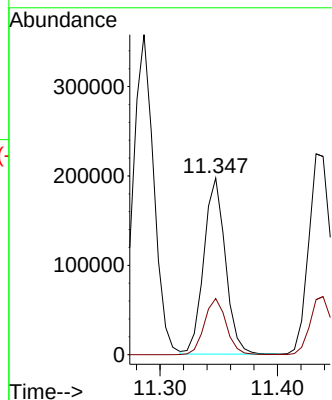
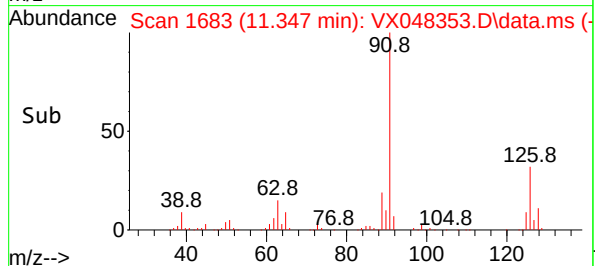
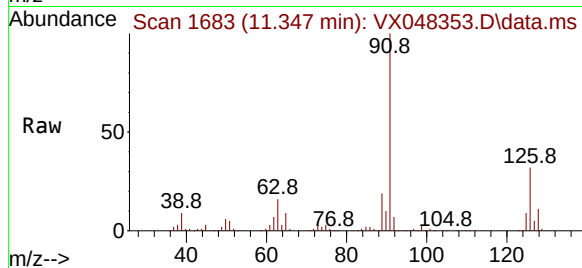
#79
2-Chlorotoluene
Concen: 48.357 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 251854
Ion Ratio Lower Upper
91 100
126 32.3 16.4 49.4

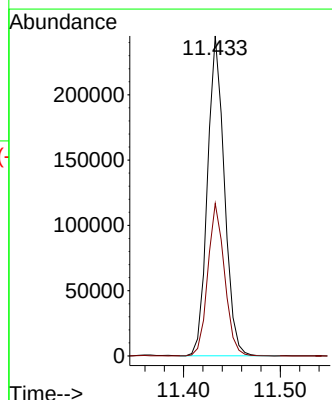
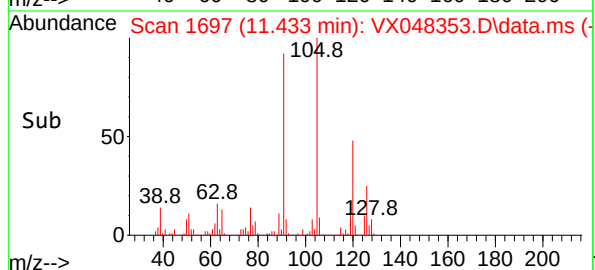
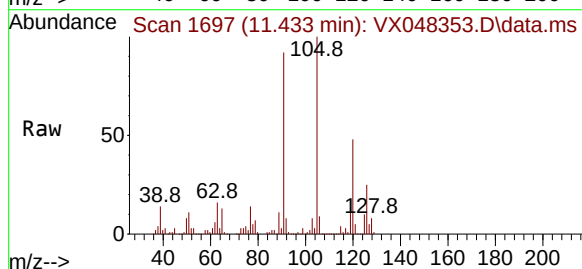
Manual Integrations
APPROVED

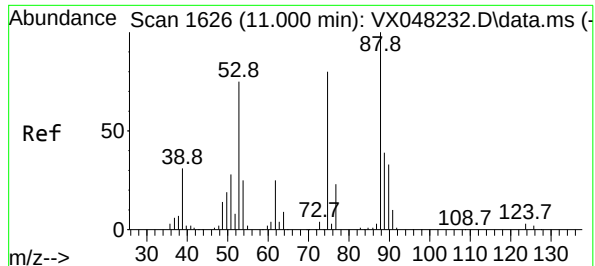
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#80
1,3,5-Trimethylbenzene
Concen: 48.442 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:105 Resp: 297431
Ion Ratio Lower Upper
105 100
120 47.4 24.0 72.0





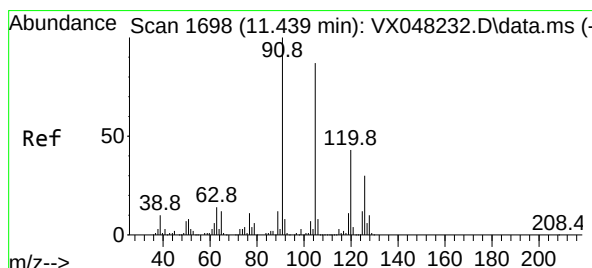
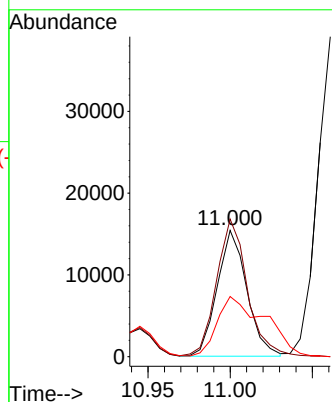
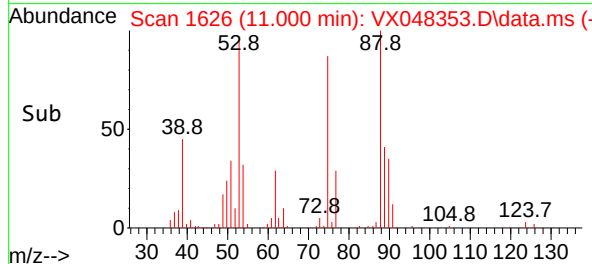
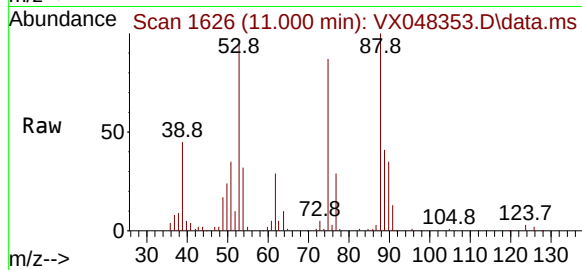
#81
trans-1,4-Dichloro-2-butene
Concen: 28.518 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 19309
Ion Ratio Lower Upper
75 100
53 114.4 79.5 119.3
89 77.5 36.8 55.2

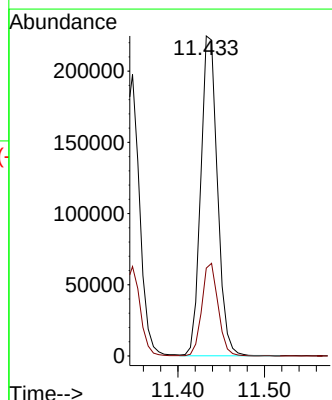
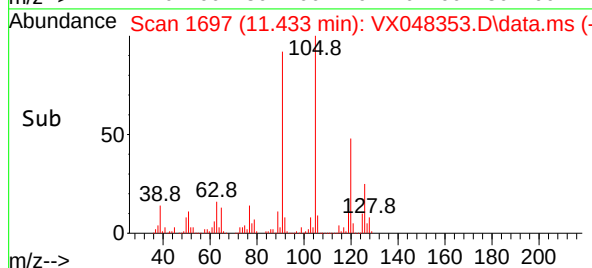
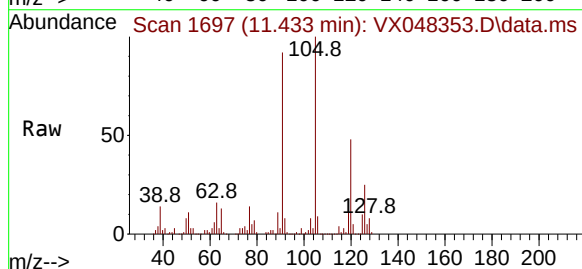
Manual Integrations
APPROVED

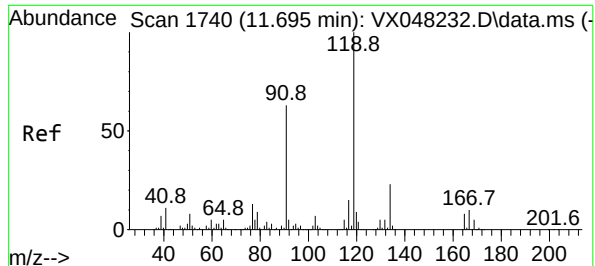
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#82
4-Chlorotoluene
Concen: 48.674 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 91 Resp: 300933
Ion Ratio Lower Upper
91 100
126 28.3 14.1 42.4





#83

tert-Butylbenzene

Concen: 48.055 ug/l

RT: 11.695 min Scan# 1740

Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 30315

Ion Ratio Lower Upper

119 100

91 60.7 30.3 91.0

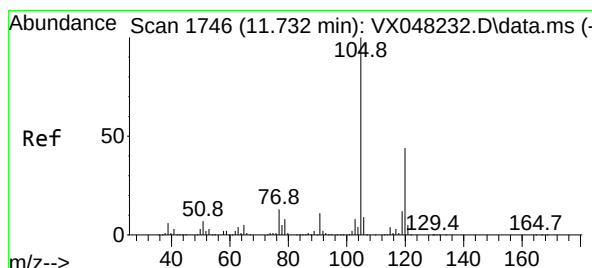
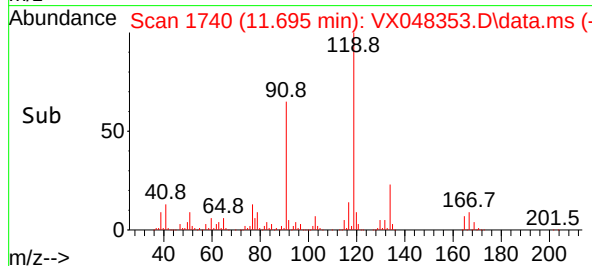
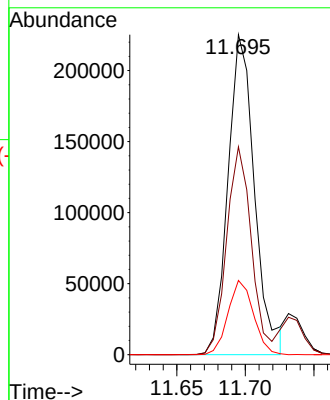
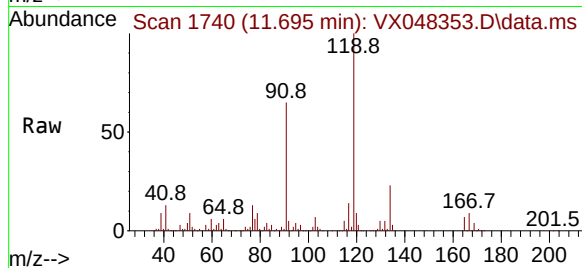
134 22.3 11.4 34.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#84

1,2,4-Trimethylbenzene

Concen: 48.628 ug/l

RT: 11.731 min Scan# 1746

Delta R.T. -0.000 min

Lab File: VX048353.D

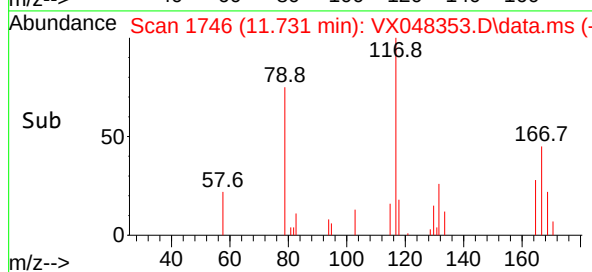
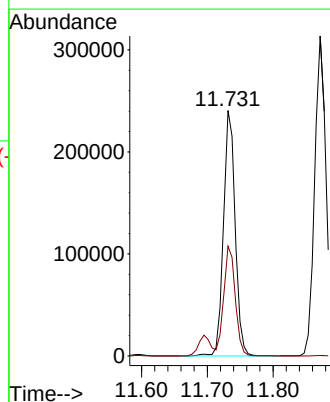
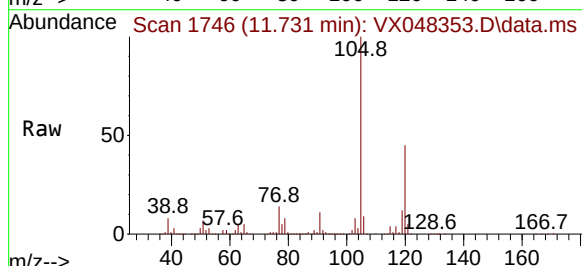
Acq: 24 Oct 2025 15:49

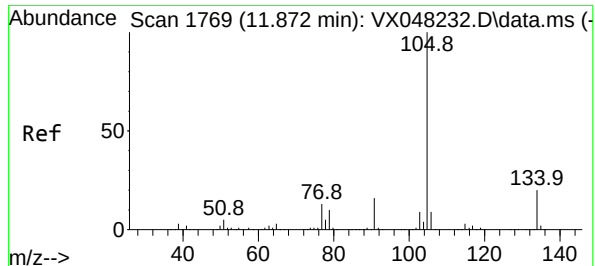
Tgt Ion:105 Resp: 297974

Ion Ratio Lower Upper

105 100

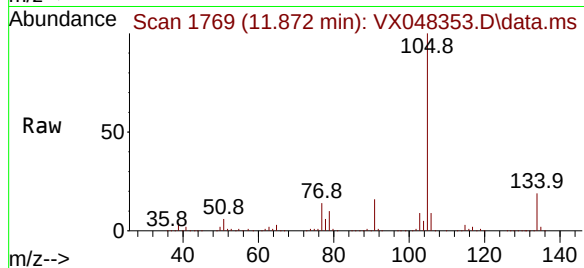
120 44.0 22.1 66.5





#85
 sec-Butylbenzene
 Concen: 49.795 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048353.D
 Acq: 24 Oct 2025 15:49

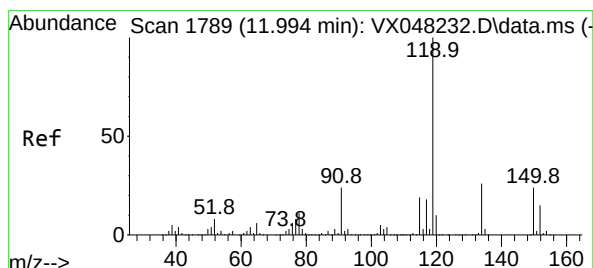
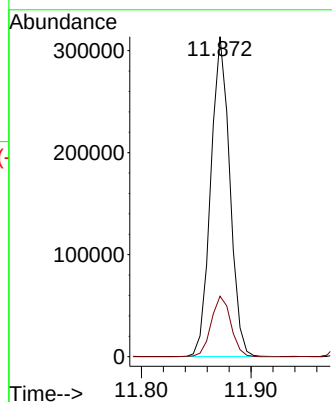
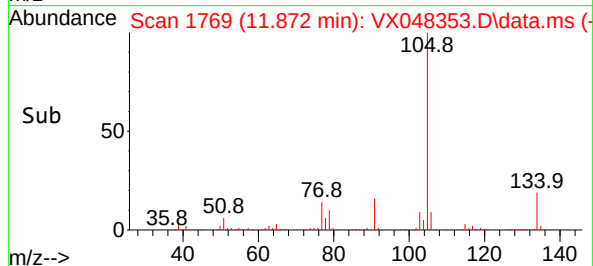
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



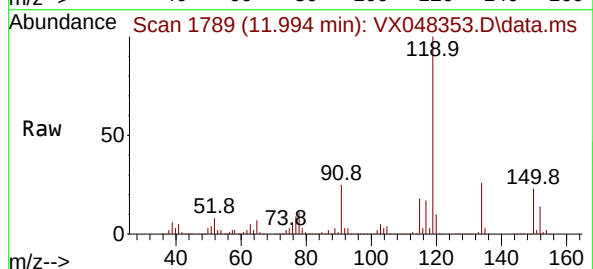
Tgt Ion:105 Resp: 37793
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.1 30.1

Manual Integrations
 APPROVED

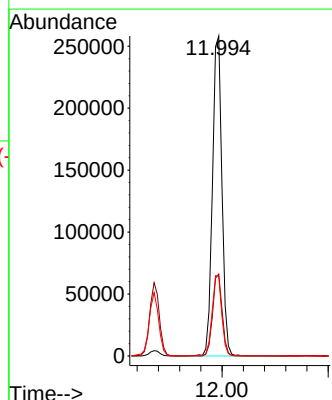
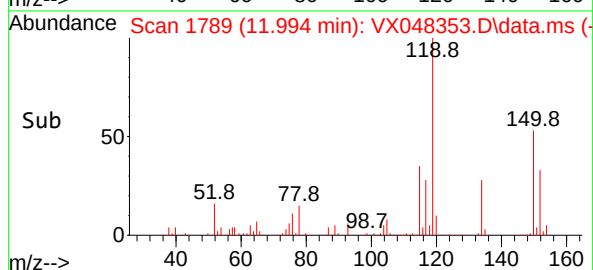
Reviewed By :John Carlone 10/27/2025
 Supervised By :Mahesh Dadoda 10/27/2025

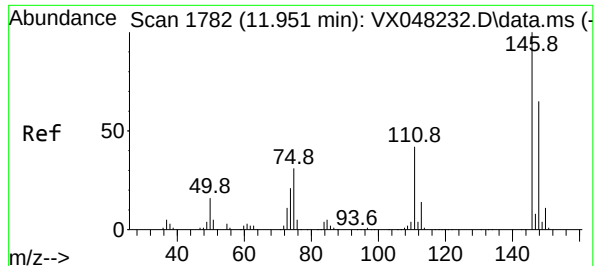


#86
 p-Isopropyltoluene
 Concen: 48.680 ug/l
 RT: 11.994 min Scan# 1789
 Delta R.T. 0.006 min
 Lab File: VX048353.D
 Acq: 24 Oct 2025 15:49



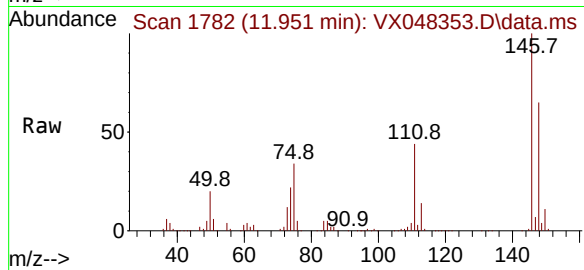
Tgt Ion:119 Resp: 319358
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.0 39.0
 91 25.5 12.1 36.3





#87
 1,3-Dichlorobenzene
 Concen: 44.932 ug/l
 RT: 11.951 min Scan# 1782
 Delta R.T. -0.000 min
 Lab File: VX048353.D
 Acq: 24 Oct 2025 15:49

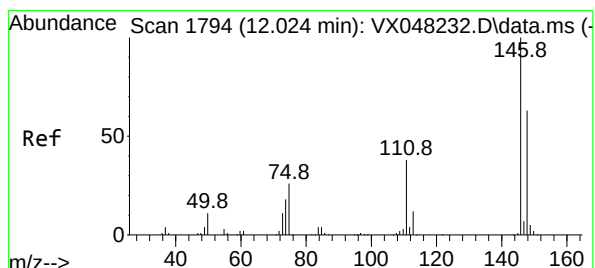
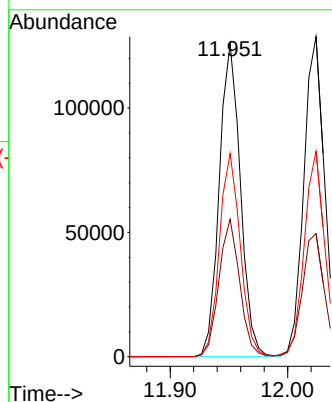
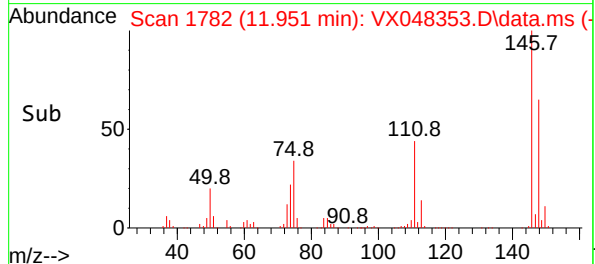
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:146 Resp: 157580
 Ion Ratio Lower Upper
 146 100
 111 43.3 20.4 61.2
 148 64.3 31.9 95.9

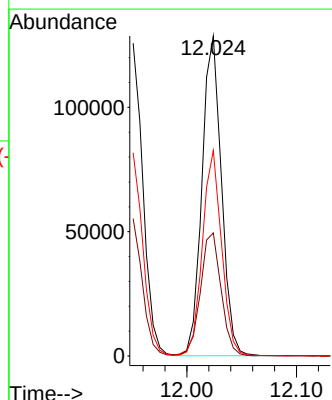
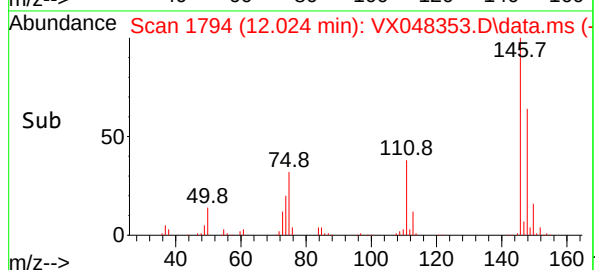
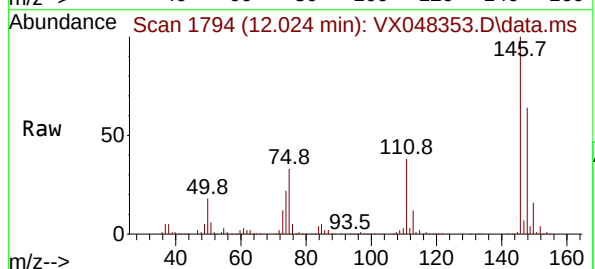
Manual Integrations
 APPROVED

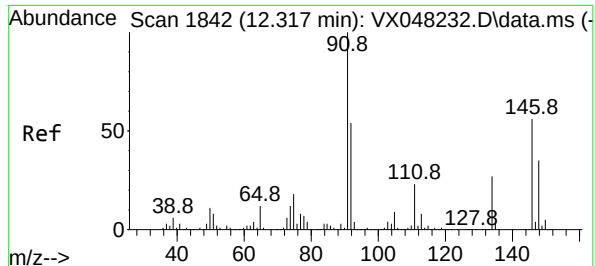
Reviewed By :John Carlone 10/27/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#88
 1,4-Dichlorobenzene
 Concen: 43.644 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX048353.D
 Acq: 24 Oct 2025 15:49

Tgt Ion:146 Resp: 158565
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.1 60.2
 148 63.6 31.8 95.3





#89

n-Butylbenzene

Concen: 51.016 ug/l

RT: 12.311 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 30462

Ion Ratio Lower Upper

91 100

92 53.5 26.9 80.6

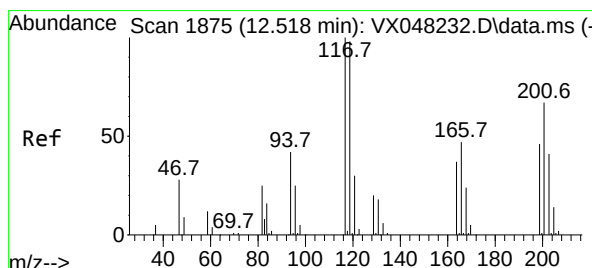
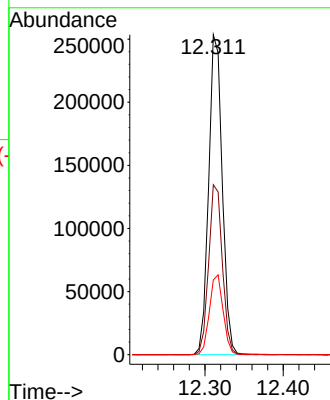
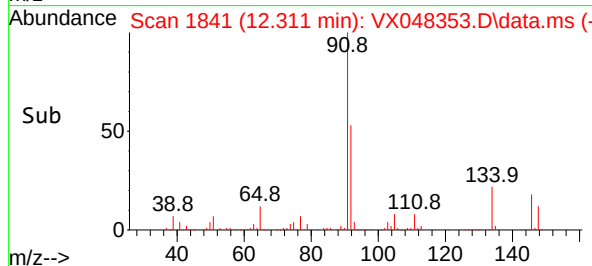
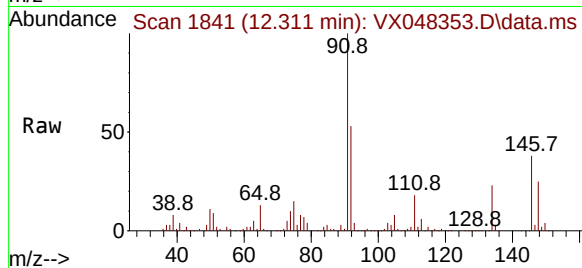
134 25.1 12.7 38.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#90

Hexachloroethane

Concen: 42.679 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VX048353.D

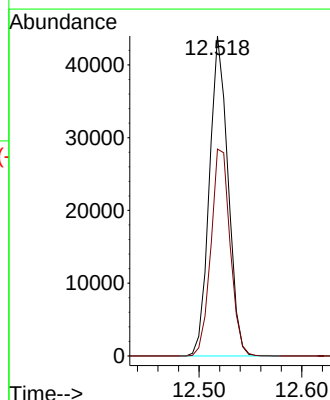
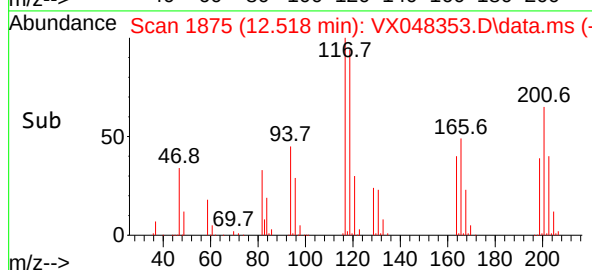
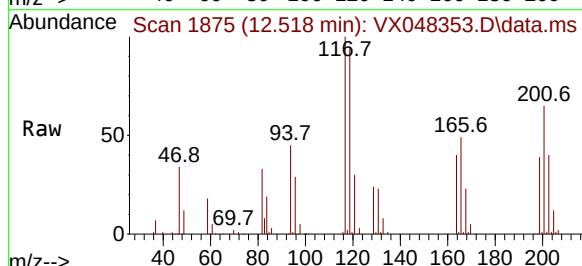
Acq: 24 Oct 2025 15:49

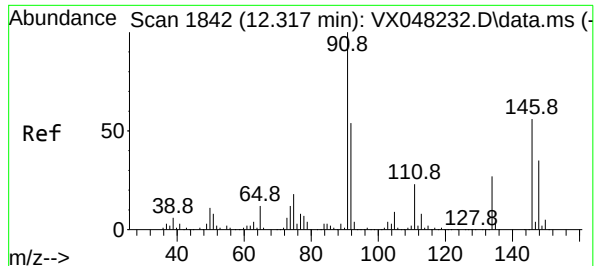
Tgt Ion:117 Resp: 55291

Ion Ratio Lower Upper

117 100

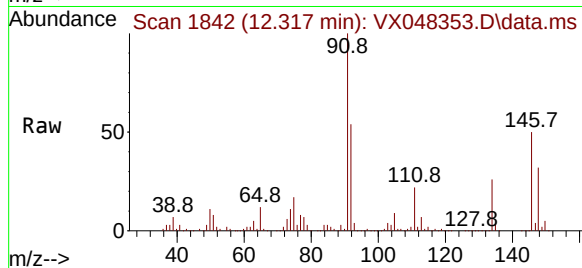
201 66.9 34.1 102.2





#91
1,2-Dichlorobenzene
Concen: 44.694 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

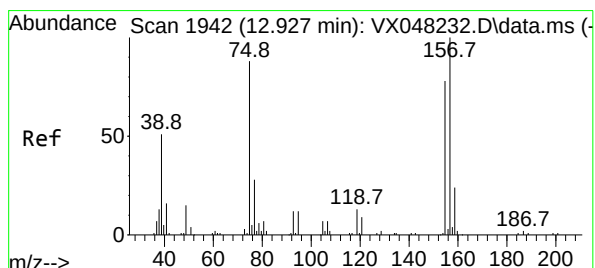
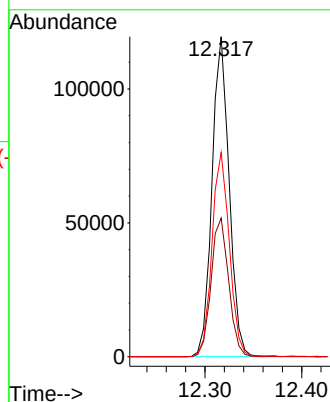
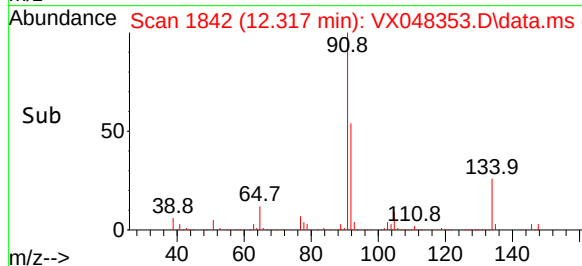
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 14716
Ion Ratio Lower Upper
146 100
111 44.5 21.9 65.5
148 64.6 31.9 95.5

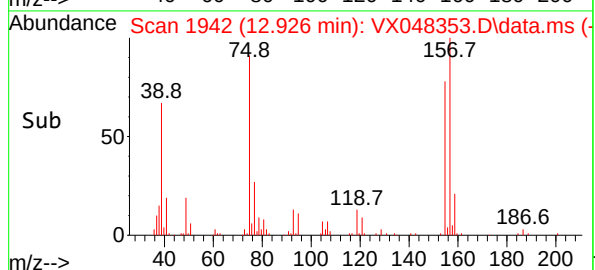
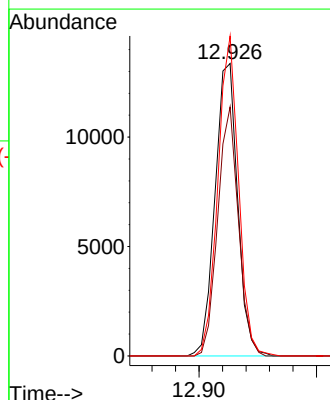
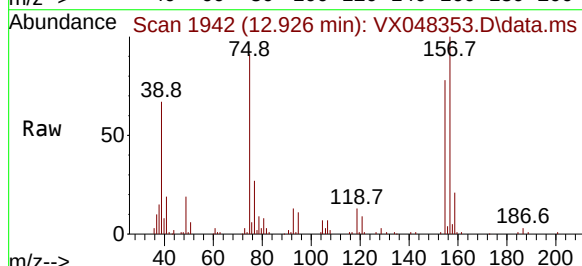
Manual Integrations
APPROVED

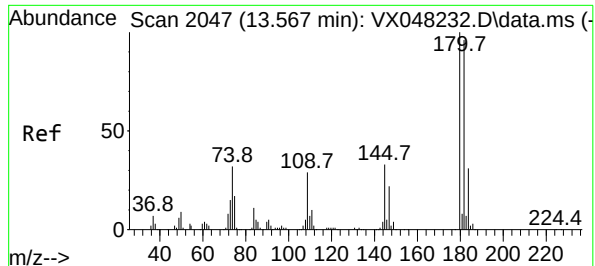
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.426 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 75 Resp: 17860
Ion Ratio Lower Upper
75 100
155 78.1 42.8 128.4
157 100.2 54.2 162.6





#93

1,2,4-Trichlorobenzene

Concen: 45.654 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 10166

Ion Ratio Lower Upper

180 100

182 93.7 47.3 142.0

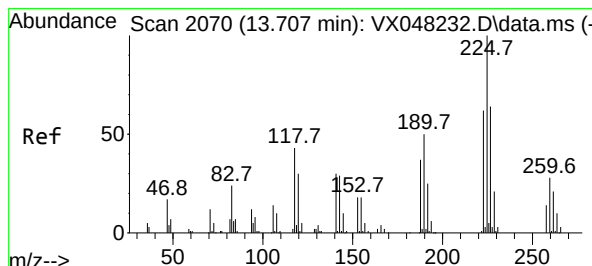
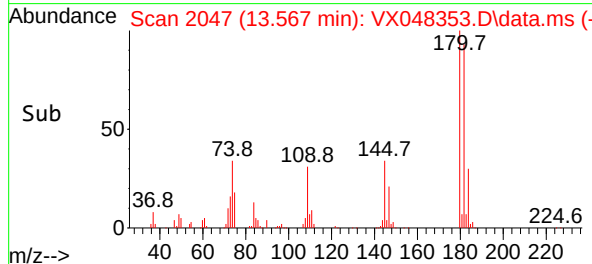
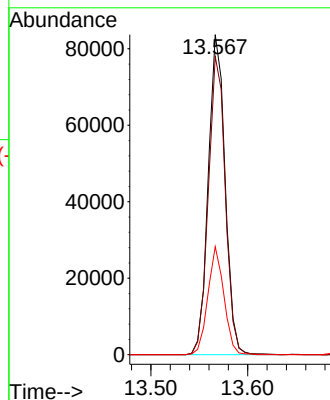
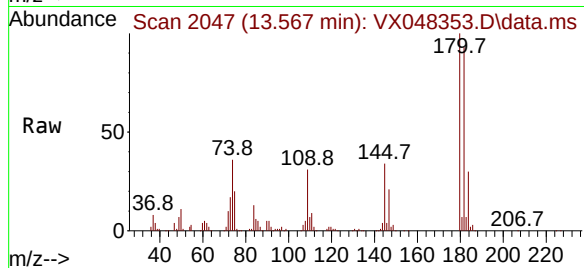
145 32.2 16.3 48.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#94

Hexachlorobutadiene

Concen: 50.828 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. 0.006 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

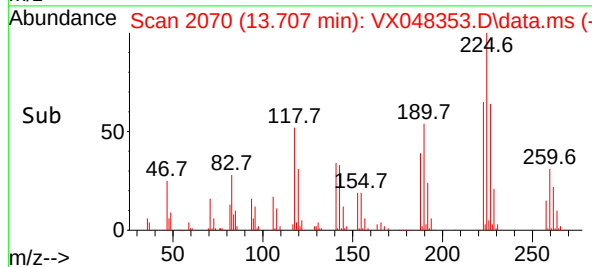
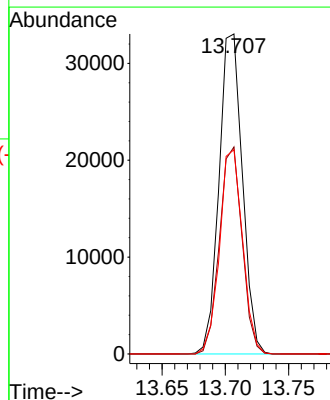
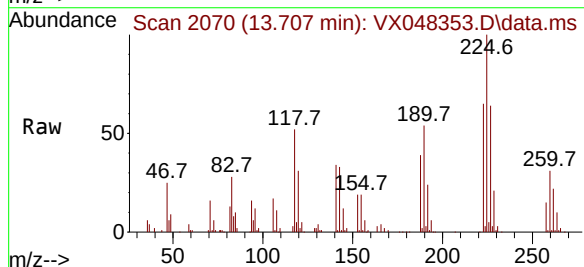
Tgt Ion:225 Resp: 42413

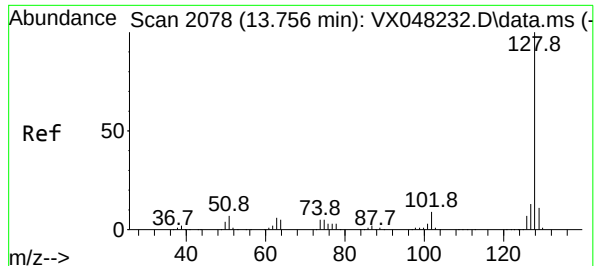
Ion Ratio Lower Upper

225 100

223 62.5 32.6 97.7

227 62.7 32.5 97.4





#95

Naphthalene

Concen: 44.472 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 262360

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

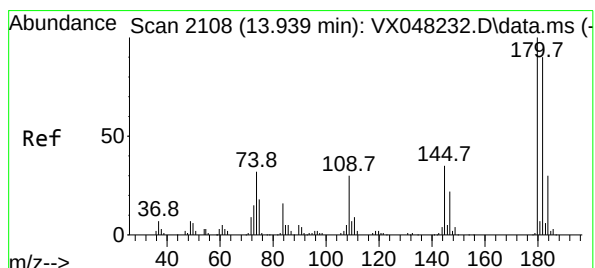
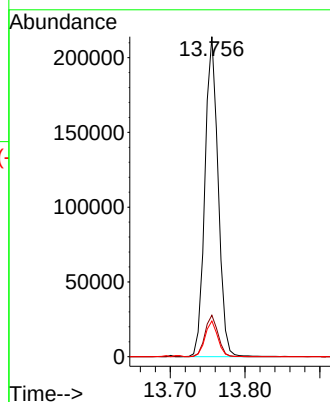
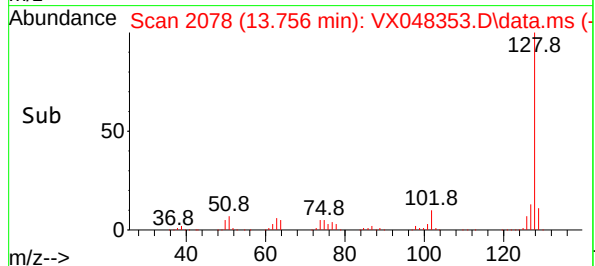
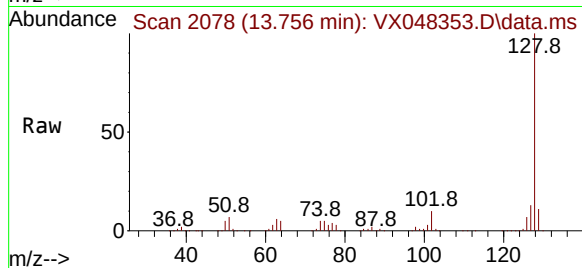
129 10.7 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#96

1,2,3-Trichlorobenzene

Concen: 45.740 ug/l

RT: 13.938 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

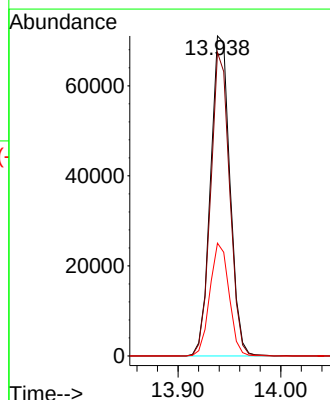
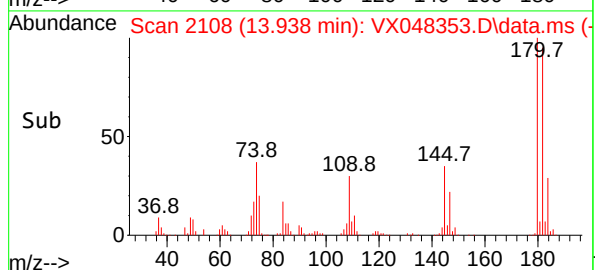
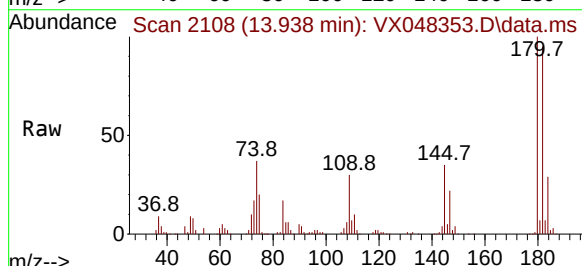
Tgt Ion:180 Resp: 93463

Ion Ratio Lower Upper

180 100

182 92.6 46.6 139.7

145 34.7 16.9 50.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
 Data File : VX048353.D
 Acq On : 24 Oct 2025 15:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 24 23:05:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 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	0.514	0.457	11.1	105	0.00
3 P	Chloromethane	0.480	0.230	52.1#	57	0.00
4 C	Vinyl Chloride	0.444	0.606	-36.5#	161#	0.00
5 T	Bromomethane	0.302	0.212	29.8#	83	0.00
6 T	Chloroethane	0.261	0.364	-39.5#	164#	0.00
7 T	Trichlorofluoromethane	0.852	1.040	-22.1	143	0.00
8 T	Diethyl Ether	0.240	0.341	-42.1#	170#	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.540	0.562	-4.1	124	0.00
10 T	Methyl Iodide	0.678	1.969	-190.4#	329#	0.00
11 T	Tert butyl alcohol	0.070	0.052	25.7#	94	0.00
12 CM	1,1-Dichloroethene	0.525	0.541	-3.0#	124	0.00
13 T	Acrolein	0.071	0.086	-21.1	146	0.00
14 T	Allyl chloride	0.872	0.917	-5.2	126	0.00
15 T	Acrylonitrile	0.251	0.240	4.4	111	0.00
16 T	Acetone	0.240	0.186	22.5	102	0.00
17 T	Carbon Disulfide	1.654	1.469	11.2	113	0.00
18 T	Methyl Acetate	0.502	0.515	-2.6	122	0.00
19 T	Methyl tert-butyl Ether	1.791	1.762	1.6	114	0.00
20 T	Methylene Chloride	0.586	0.572	2.4	115	0.00
21 T	trans-1,2-Dichloroethene	0.577	0.563	2.4	117	0.00
22 T	Diisopropyl ether	1.738	1.972	-13.5	131	0.00
23 T	Vinyl Acetate	1.389	1.363	1.9	112	0.00
24 P	1,1-Dichloroethane	1.051	1.093	-4.0	124	0.00
25 T	2-Butanone	0.304	0.265	12.8	104	0.00
26 T	2,2-Dichloropropane	0.949	0.957	-0.8	121	0.00
27 T	cis-1,2-Dichloroethene	0.673	0.671	0.3	119	0.00
28 T	Bromochloromethane	0.436	0.460	-5.5	115	0.00
29 T	Tetrahydrofuran	0.182	0.174	4.4	113	0.00
30 C	Chloroform	1.123	1.134	-1.0#	120	0.00
31 T	Cyclohexane	0.870	0.937	-7.7	126	0.00
32 T	1,1,1-Trichloroethane	1.035	1.019	1.5	116	0.00
33 S	1,2-Dichloroethane-d4	0.701	0.681	2.9	110	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	114	0.00
35 S	Dibromofluoromethane	0.341	0.269	21.1	93	0.00
36 T	1,1-Dichloropropene	0.485	0.450	7.2	119	0.00
37 T	Ethyl Acetate	0.402	0.411	-2.2	128	0.00
38 T	Carbon Tetrachloride	0.599	0.525	12.4	108	0.00
39 T	Methylcyclohexane	0.573	0.570	0.5	121	0.00
40 TM	Benzene	1.409	1.352	4.0	119	0.00
41 T	Methacrylonitrile	0.211	0.211	0.0	118	0.00
42 TM	1,2-Dichloroethane	0.520	0.518	0.4	119	0.00
43 T	Isopropyl Acetate	0.661	0.660	0.2	119	0.00
44 TM	Trichloroethene	0.372	0.346	7.0	114	0.00
45 C	1,2-Dichloropropane	0.335	0.341	-1.8#	121	0.00
46 T	Dibromomethane	0.261	0.243	6.9	112	0.00
47 T	Bromodichloromethane	0.563	0.530	5.9	113	0.00
48 T	Methyl methacrylate	0.333	0.334	-0.3	119	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
 Data File : VX048353.D
 Acq On : 24 Oct 2025 15:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 24 23:05:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.004	0.003	25.0	87	0.00
50 S	Toluene-d8	1.196	1.117	6.6	108	0.00
51 T	4-Methyl-2-Pentanone	0.381	0.370	2.9	112	0.00
52 CM	Toluene	0.895	0.849	5.1#	113	0.00
53 T	t-1,3-Dichloropropene	0.543	0.483	11.0	101	0.00
54 T	cis-1,3-Dichloropropene	0.586	0.499	14.8	100	0.00
55 T	1,1,2-Trichloroethane	0.333	0.306	8.1	109	0.00
56 T	Ethyl methacrylate	0.487	0.463	4.9	108	0.00
57 T	1,3-Dichloropropane	0.568	0.540	4.9	113	0.00
58 T	2-Chloroethyl Vinyl ether	0.232	0.260	-12.1	114	0.00
59 T	2-Hexanone	0.266	0.251	5.6	108	0.00
60 T	Dibromochloromethane	0.447	0.382	14.5	103	0.00
61 T	1,2-Dibromoethane	0.355	0.313	11.8	105	0.00
62 S	4-Bromofluorobenzene	0.455	0.412	9.5	106	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	109	0.00
64 T	Tetrachloroethene	0.373	0.355	4.8	118	0.00
65 PM	Chlorobenzene	1.125	1.054	6.3	110	0.00
66 T	1,1,1,2-Tetrachloroethane	0.413	0.375	9.2	105	0.00
67 C	Ethyl Benzene	1.915	1.877	2.0#	113	0.00
68 T	m/p-Xylenes	0.712	0.700	1.7	111	0.00
69 T	o-Xylene	0.687	0.665	3.2	110	0.00
70 T	Styrene	1.170	1.147	2.0	110	0.00
71 P	Bromoform	0.330	0.262	20.6	93	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	110	0.00
73 T	Isopropylbenzene	3.652	3.541	3.0	113	0.00
74 T	N-amyl acetate	1.295	1.346	-3.9	118	0.00
75 P	1,1,2,2-Tetrachloroethane	0.997	0.879	11.8	102	0.00
76 T	1,2,3-Trichloropropane	0.811	0.801	1.2	119	0.00
77 T	Bromobenzene	0.916	0.834	9.0	106	0.00
78 T	n-propylbenzene	4.228	4.265	-0.9	116	0.00
79 T	2-Chlorotoluene	2.564	2.479	3.3	113	0.00
80 T	1,3,5-Trimethylbenzene	3.022	2.928	3.1	112	0.00
81 T	trans-1,4-Dichloro-2-butene	0.333	0.190	42.9#	66	0.00
82 T	4-Chlorotoluene	3.043	2.963	2.6	113	0.00
83 T	tert-Butylbenzene	3.105	2.984	3.9	112	0.00
84 T	1,2,4-Trimethylbenzene	3.016	2.933	2.8	112	0.00
85 T	sec-Butylbenzene	3.736	3.721	0.4	117	0.00
86 T	p-Isopropyltoluene	3.229	3.144	2.6	115	0.00
87 T	1,3-Dichlorobenzene	1.726	1.551	10.1	110	0.00
88 T	1,4-Dichlorobenzene	1.788	1.561	12.7	108	0.00
89 T	n-Butylbenzene	2.939	2.999	-2.0	125	0.00
90 T	Hexachloroethane	0.638	0.544	14.7	105	0.00
91 T	1,2-Dichlorobenzene	1.621	1.449	10.6	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.202	0.176	12.9	99	0.00
93 T	1,2,4-Trichlorobenzene	1.096	1.001	8.7	114	0.00
94 T	Hexachlorobutadiene	0.507	0.418	17.6	123	0.00
95 T	Naphthalene	2.904	2.583	11.1	102	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048353.D
Acq On : 24 Oct 2025 15:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 24 23:05:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.006	0.920	8.5	111	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
 Data File : VX048353.D
 Acq On : 24 Oct 2025 15:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 24 23:05:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 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	111	0.00
2 T	Dichlorodifluoromethane	50.000	44.408	11.2	105	0.00
3 P	Chloromethane	50.000	24.009	52.0#	57	0.00
4 C	Vinyl Chloride	50.000	68.154	-36.3#	161	0.00
5 T	Bromomethane	50.000	35.116	29.8#	83	0.00
6 T	Chloroethane	50.000	69.795	-39.6#	164	0.00
7 T	Trichlorofluoromethane	50.000	61.011	-22.0	143	0.00
8 T	Diethyl Ether	50.000	71.117	-42.2#	170	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.078	-4.2	124	0.00
10 T	Methyl Iodide	50.000	145.110	-190.2#	329	0.00
11 T	Tert butyl alcohol	250.000	188.008	24.8	94	0.00
12 CM	1,1-Dichloroethene	50.000	51.547	-3.1#	124	0.00
13 T	Acrolein	250.000	303.455	-21.4	146	0.00
14 T	Allyl chloride	50.000	52.626	-5.3	126	0.00
15 T	Acrylonitrile	250.000	239.471	4.2	111	0.00
16 T	Acetone	250.000	193.768	22.5	102	0.00
17 T	Carbon Disulfide	50.000	44.407	11.2	113	0.00
18 T	Methyl Acetate	50.000	51.241	-2.5	122	0.00
19 T	Methyl tert-butyl Ether	50.000	49.188	1.6	114	0.00
20 T	Methylene Chloride	50.000	48.781	2.4	115	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.846	2.3	117	0.00
22 T	Diisopropyl ether	50.000	56.729	-13.5	131	0.00
23 T	Vinyl Acetate	250.000	245.353	1.9	112	0.00
24 P	1,1-Dichloroethane	50.000	52.017	-4.0	124	0.00
25 T	2-Butanone	250.000	217.495	13.0	104	0.00
26 T	2,2-Dichloropropane	50.000	50.451	-0.9	121	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.885	0.2	119	0.00
28 T	Bromochloromethane	50.000	52.749	-5.5	115	0.00
29 T	Tetrahydrofuran	250.000	239.119	4.4	113	0.00
30 C	Chloroform	50.000	50.495	-1.0#	120	0.00
31 T	Cyclohexane	50.000	53.842	-7.7	126	0.00
32 T	1,1,1-Trichloroethane	50.000	49.248	1.5	116	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.565	2.9	110	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	114	0.00
35 S	Dibromofluoromethane	50.000	39.419	21.2	93	0.00
36 T	1,1-Dichloropropene	50.000	46.369	7.3	119	0.00
37 T	Ethyl Acetate	50.000	51.057	-2.1	128	0.00
38 T	Carbon Tetrachloride	50.000	43.846	12.3	108	0.00
39 T	Methylcyclohexane	50.000	49.732	0.5	121	0.00
40 TM	Benzene	50.000	47.991	4.0	119	0.00
41 T	Methacrylonitrile	50.000	49.974	0.1	118	0.00
42 TM	1,2-Dichloroethane	50.000	49.865	0.3	119	0.00
43 T	Isopropyl Acetate	50.000	49.940	0.1	119	0.00
44 TM	Trichloroethene	50.000	46.488	7.0	114	0.00
45 C	1,2-Dichloropropane	50.000	50.904	-1.8#	121	0.00
46 T	Dibromomethane	50.000	46.488	7.0	112	0.00
47 T	Bromodichloromethane	50.000	47.075	5.8	113	0.00
48 T	Methyl methacrylate	50.000	50.123	-0.2	119	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
 Data File : VX048353.D
 Acq On : 24 Oct 2025 15:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 24 23:05:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 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	767.869	23.2	87	0.00
50 S	Toluene-d8	50.000	46.661	6.7	108	0.00
51 T	4-Methyl-2-Pentanone	250.000	242.909	2.8	112	0.00
52 CM	Toluene	50.000	47.417	5.2#	113	0.00
53 T	t-1,3-Dichloropropene	50.000	44.482	11.0	101	0.00
54 T	cis-1,3-Dichloropropene	50.000	42.583	14.8	100	0.00
55 T	1,1,2-Trichloroethane	50.000	46.020	8.0	109	0.00
56 T	Ethyl methacrylate	50.000	47.538	4.9	108	0.00
57 T	1,3-Dichloropropane	50.000	47.465	5.1	113	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	248.040	0.8	114	0.00
59 T	2-Hexanone	250.000	236.310	5.5	108	0.00
60 T	Dibromochloromethane	50.000	42.719	14.6	103	0.00
61 T	1,2-Dibromoethane	50.000	44.069	11.9	105	0.00
62 S	4-Bromofluorobenzene	50.000	45.251	9.5	106	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	109	0.00
64 T	Tetrachloroethene	50.000	47.502	5.0	118	0.00
65 PM	Chlorobenzene	50.000	46.854	6.3	110	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	45.425	9.2	105	0.00
67 C	Ethyl Benzene	50.000	48.997	2.0#	113	0.00
68 T	m/p-Xylenes	100.000	98.351	1.6	111	0.00
69 T	o-Xylene	50.000	48.426	3.1	110	0.00
70 T	Styrene	50.000	49.017	2.0	110	0.00
71 P	Bromoform	50.000	39.641	20.7	93	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	110	0.00
73 T	Isopropylbenzene	50.000	48.486	3.0	113	0.00
74 T	N-amyl acetate	50.000	51.949	-3.9	118	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	44.044	11.9	102	0.00
76 T	1,2,3-Trichloropropane	50.000	49.393	1.2	119	0.00
77 T	Bromobenzene	50.000	45.528	8.9	106	0.00
78 T	n-propylbenzene	50.000	50.437	-0.9	116	0.00
79 T	2-Chlorotoluene	50.000	48.357	3.3	113	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.442	3.1	112	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	28.518	43.0#	66	0.00
82 T	4-Chlorotoluene	50.000	48.674	2.7	113	0.00
83 T	tert-Butylbenzene	50.000	48.055	3.9	112	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.628	2.7	112	0.00
85 T	sec-Butylbenzene	50.000	49.795	0.4	117	0.00
86 T	p-Isopropyltoluene	50.000	48.680	2.6	115	0.00
87 T	1,3-Dichlorobenzene	50.000	44.932	10.1	110	0.00
88 T	1,4-Dichlorobenzene	50.000	43.644	12.7	108	0.00
89 T	n-Butylbenzene	50.000	51.016	-2.0	125	0.00
90 T	Hexachloroethane	50.000	42.679	14.6	105	0.00
91 T	1,2-Dichlorobenzene	50.000	44.694	10.6	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	43.426	13.1	99	0.00
93 T	1,2,4-Trichlorobenzene	50.000	45.654	8.7	114	0.00
94 T	Hexachlorobutadiene	50.000	50.828	-1.7	123	0.00
95 T	Naphthalene	50.000	44.472	11.1	102	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048353.D
Acq On : 24 Oct 2025 15:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 24 23:05:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 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	45.740	8.5	111	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6



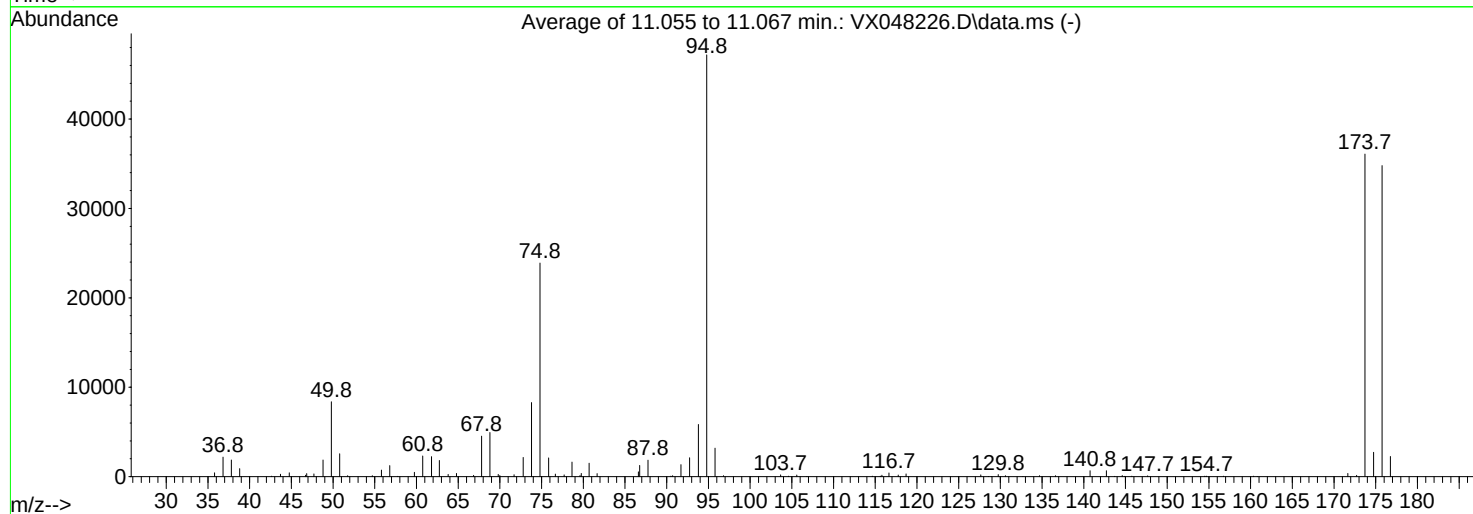
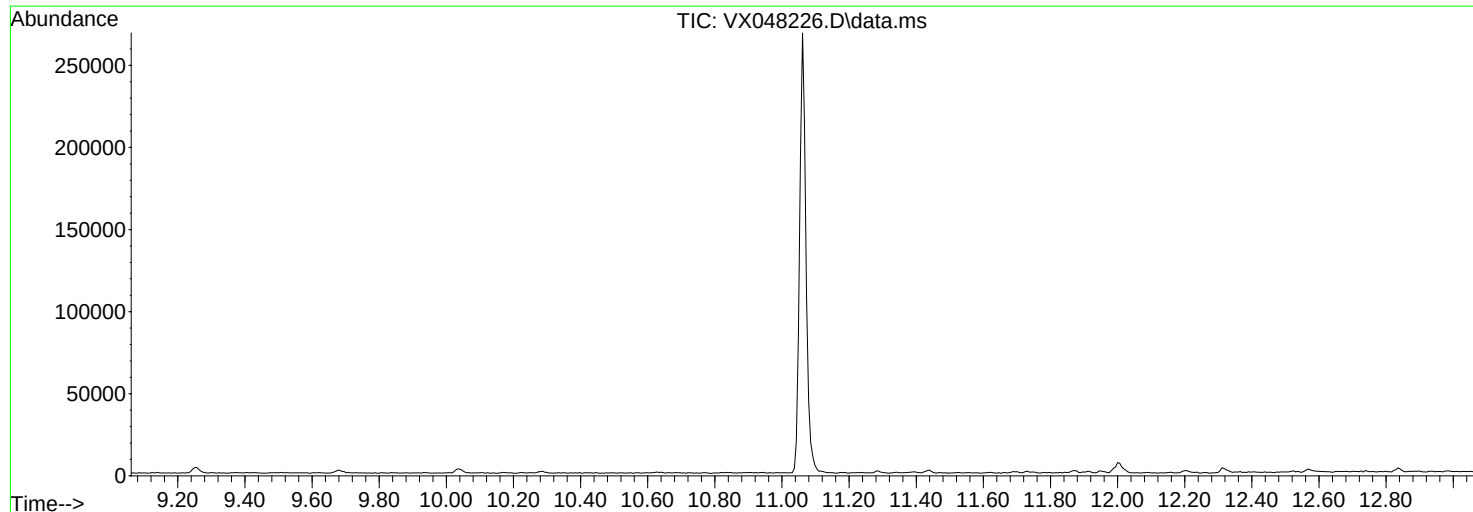
QC SAMPLE DATA

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048226.D
Acq On : 20 Oct 2025 08:15
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Title : SW846 8260
Last Update : Mon Oct 20 14:13:59 2025



AutoFind: Scans 1635, 1636, 1637; Background Corrected with Scan 1629

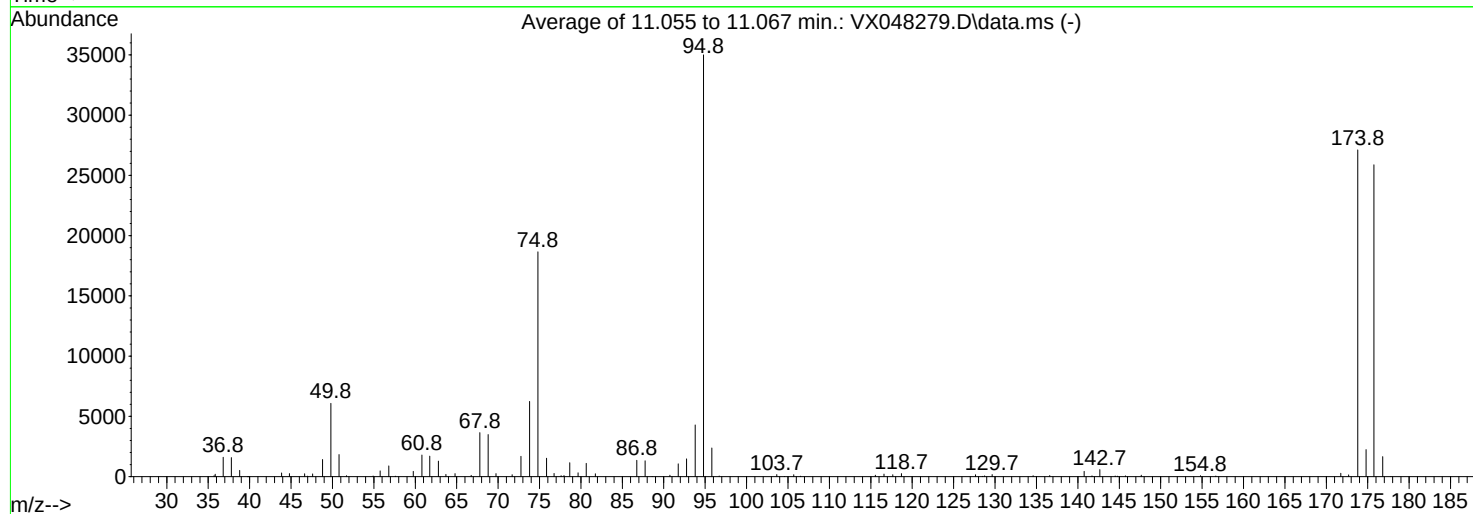
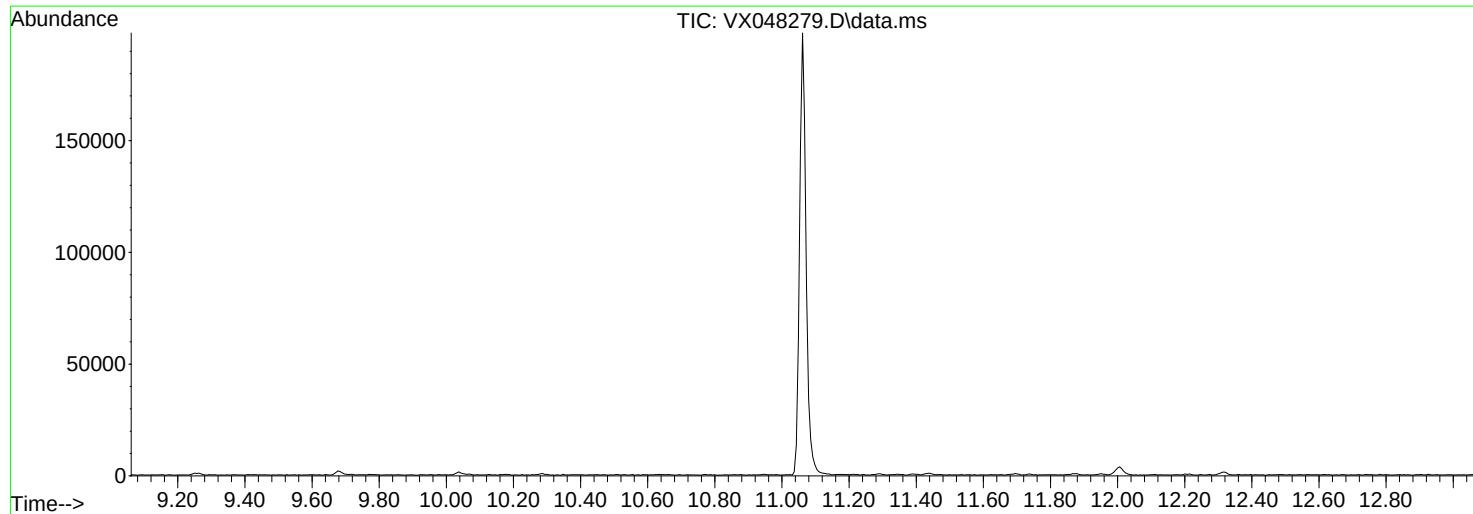
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	17.7	8374	PASS
75	95	30	60	50.7	23901	PASS
95	95	100	100	100.0	47184	PASS
96	95	5	9	6.8	3185	PASS
173	174	0.00	2	0.4	138	PASS
174	95	50	100	76.5	36091	PASS
175	174	5	9	7.5	2719	PASS
176	174	95	101	96.4	34800	PASS
177	176	5	9	6.5	2253	PASS

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048279.D
Acq On : 22 Oct 2025 08:07
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Title : SW846 8260
Last Update : Mon Oct 20 14:13:59 2025



AutoFind: Scans 1635, 1636, 1637; Background Corrected with Scan 1629

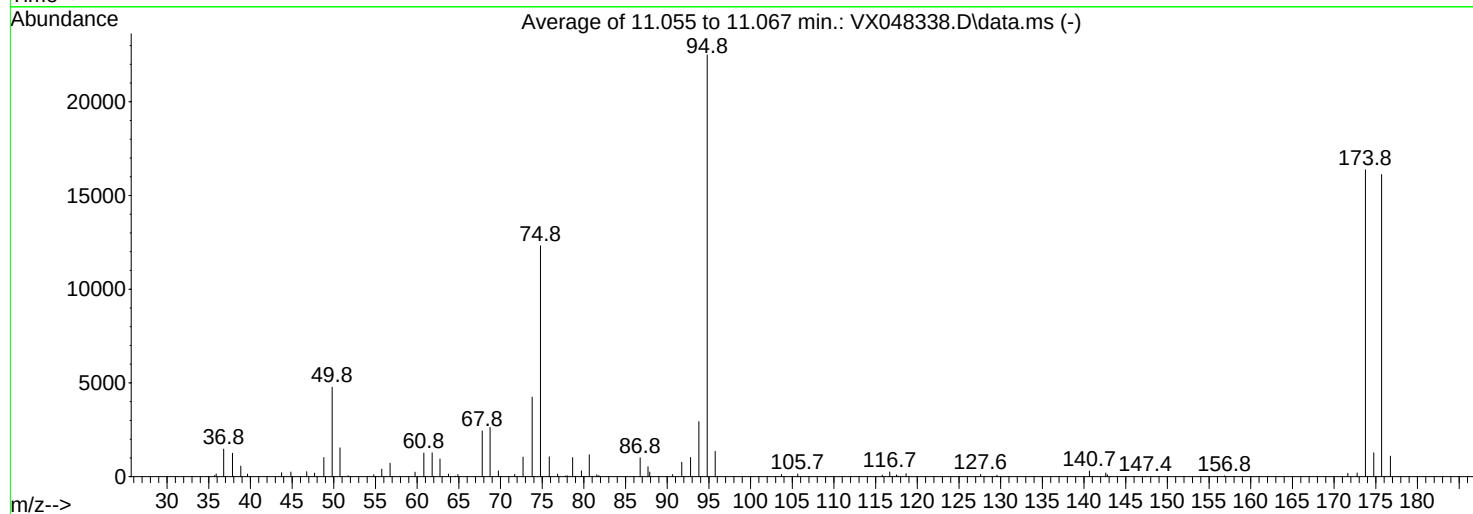
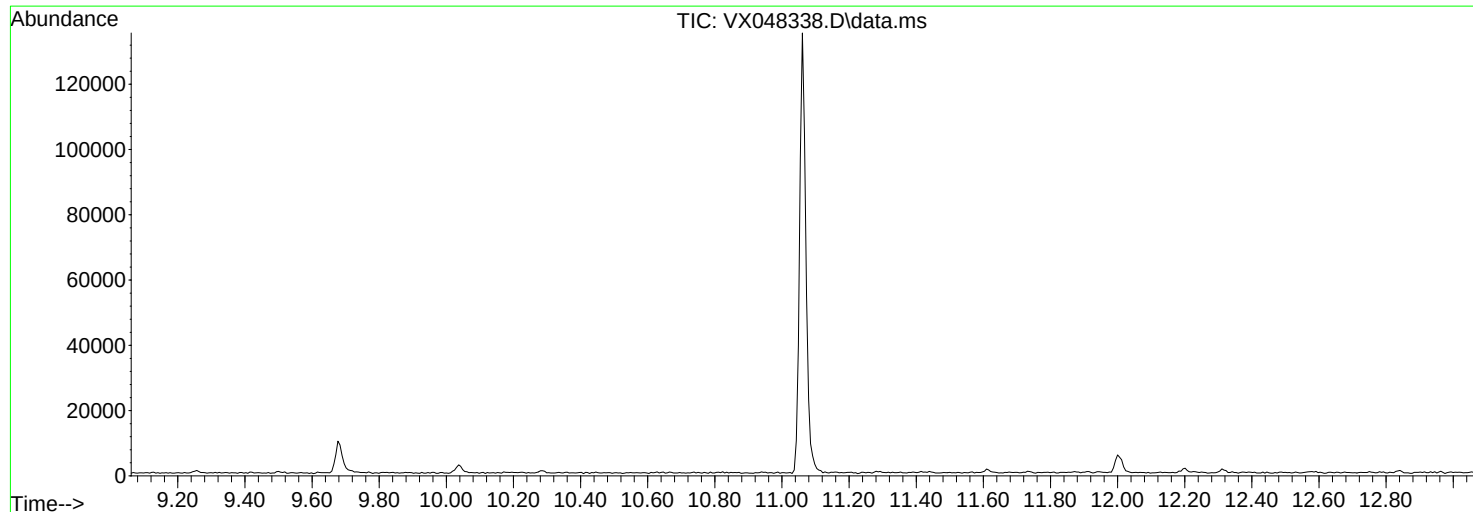
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	17.4	6085	PASS
75	95	30	60	53.3	18653	PASS
95	95	100	100	100.0	35005	PASS
96	95	5	9	6.8	2374	PASS
173	174	0.00	2	0.5	144	PASS
174	95	50	100	77.5	27120	PASS
175	174	5	9	8.3	2250	PASS
176	174	95	101	95.4	25885	PASS
177	176	5	9	6.4	1654	PASS

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048338.D
Acq On : 24 Oct 2025 08:19
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Title : SW846 8260
Last Update : Mon Oct 20 14:13:59 2025



AutoFind: Scans 1635, 1636, 1637; Background Corrected with Scan 1629

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
50	95	15	40	21.2	4772	PASS
75	95	30	60	54.7	12319	PASS
95	95	100	100	100.0	22504	PASS
96	95	5	9	6.0	1351	PASS
173	174	0.00	2	1.2	197	PASS
174	95	50	100	72.8	16374	PASS
175	174	5	9	7.8	1269	PASS
176	174	95	101	98.4	16118	PASS
177	176	5	9	6.8	1089	PASS



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

Report of Analysis

Client: ICE Service Group, Inc.
Project: NWIRP Northrup Grumman Site – Bethpage, NY
Client Sample ID: VX1022WBL01
Lab Sample ID: VX1022WBL01
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3399
Matrix: TCLP
% Solid: 0
Test: TCLP VOA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-01-4	Vinyl Chloride	0.75	U	1	0.26	0.75	1.00	ug/L	10/22/25 09:26	VX102225
75-35-4	1,1-Dichloroethene	0.75	U	1	0.23	0.75	1.00	ug/L	10/22/25 09:26	VX102225
78-93-3	2-Butanone	2.50	U	1	0.98	2.50	5.00	ug/L	10/22/25 09:26	VX102225
56-23-5	Carbon Tetrachloride	0.50	U	1	0.25	0.50	1.00	ug/L	10/22/25 09:26	VX102225
67-66-3	Chloroform	0.50	U	1	0.25	0.50	1.00	ug/L	10/22/25 09:26	VX102225
71-43-2	Benzene	0.50	U	1	0.15	0.50	1.00	ug/L	10/22/25 09:26	VX102225
107-06-2	1,2-Dichloroethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/22/25 09:26	VX102225
79-01-6	Trichloroethene	0.75	U	1	0.090	0.75	1.00	ug/L	10/22/25 09:26	VX102225
127-18-4	Tetrachloroethene	0.50	U	1	0.23	0.50	1.00	ug/L	10/22/25 09:26	VX102225
108-90-7	Chlorobenzene	0.50	U	1	0.12	0.50	1.00	ug/L	10/22/25 09:26	VX102225
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	50.7			81 - 118		101%	SPK: 50		
1868-53-7	Dibromofluoromethane	49.1			80 - 119		98%	SPK: 50		
2037-26-5	Toluene-d8	47.7			89 - 112		95%	SPK: 50		
460-00-4	4-Bromofluorobenzene	54.5			85 - 114		109%	SPK: 50		
INTERNAL STANDARDS										
		Area Count								
363-72-4	Pentafluorobenzene	97900								
540-36-3	1,4-Difluorobenzene	185000								
3114-55-4	Chlorobenzene-d5	199000								
3855-82-1	1,4-Dichlorobenzene-d4	99800								

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
 Data File : VX048282.D
 Acq On : 22 Oct 2025 09:26
 Operator : JC/MD
 Sample : VX1022WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBL01

Quant Time: Oct 24 05:50:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	97887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	185129	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	199062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	99844	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	69611	50.720	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.440%
35) Dibromofluoromethane	5.373	113	62055	49.099	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.200%
50) Toluene-d8	8.635	98	211132	47.660	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.320%
62) 4-Bromofluorobenzene	11.061	95	91904	54.533	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.060%

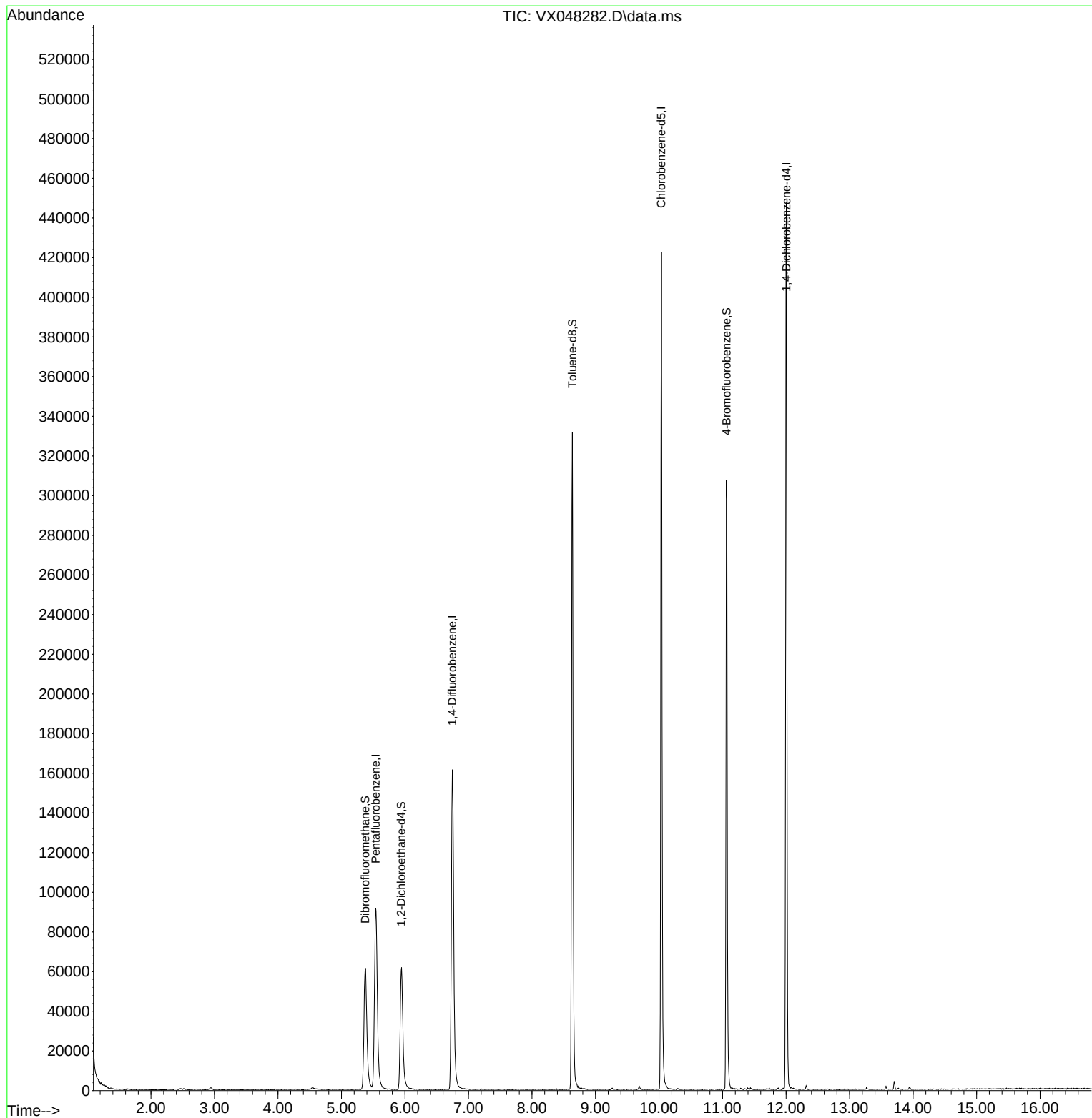
Target Compounds	Qvalue

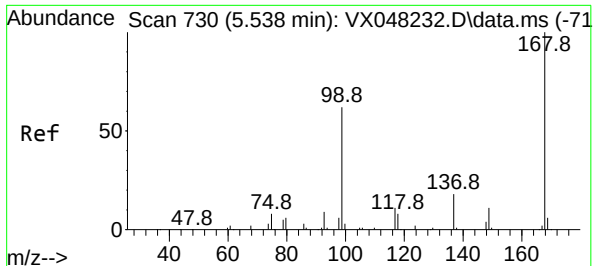
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048282.D
Acq On : 22 Oct 2025 09:26
Operator : JC/MD
Sample : VX1022WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBL01

Quant Time: Oct 24 05:50:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

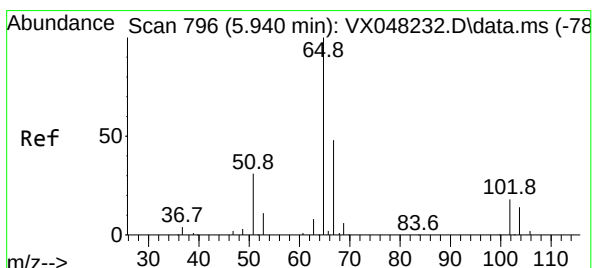
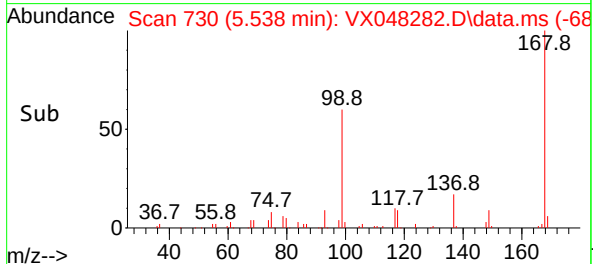
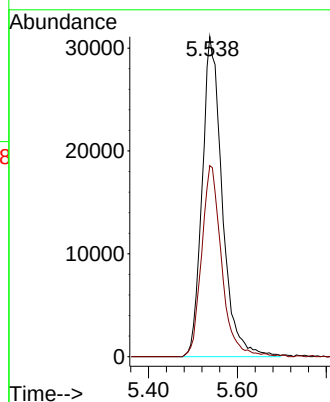
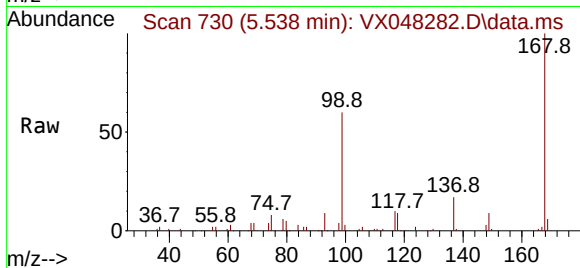




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048282.D
Acq: 22 Oct 2025 09:26

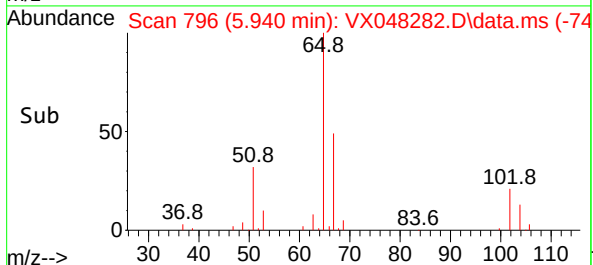
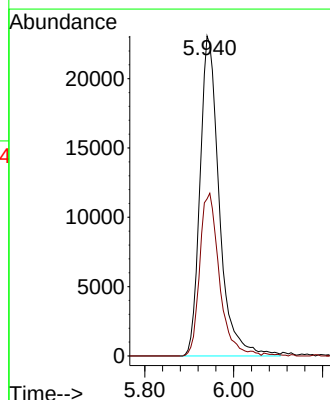
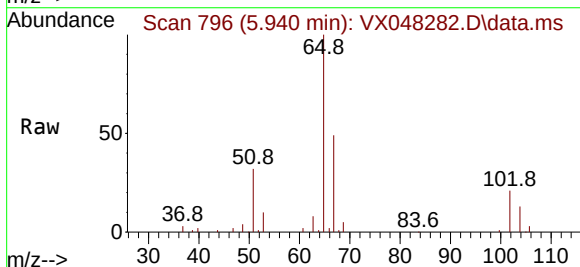
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBL01

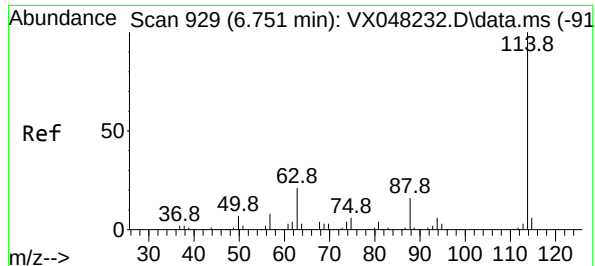
Tgt Ion:168 Resp: 97887
Ion Ratio Lower Upper
168 100
99 59.7 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 50.720 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048282.D
Acq: 22 Oct 2025 09:26

Tgt Ion: 65 Resp: 69611
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX048282.D

Acq: 22 Oct 2025 09:26

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBL01

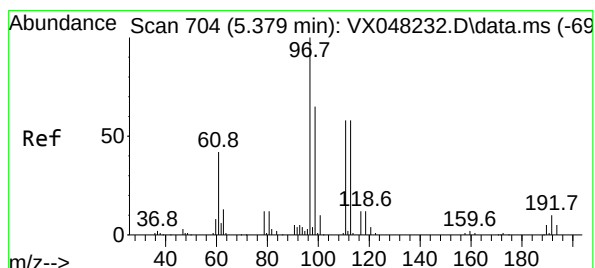
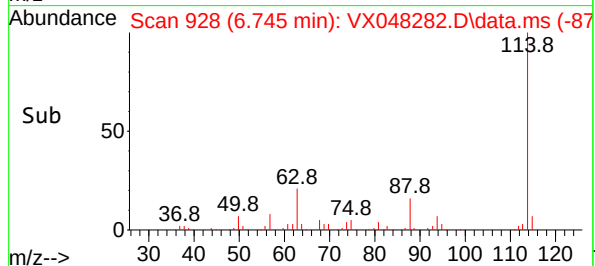
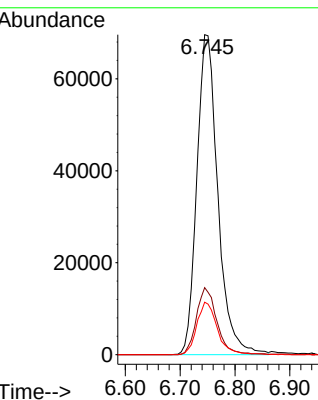
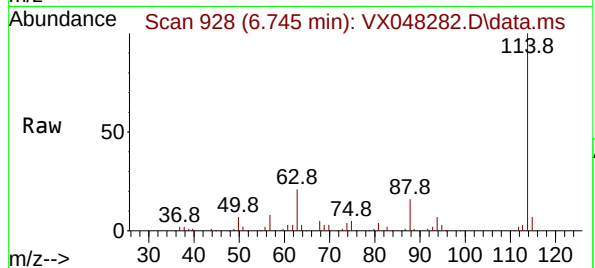
Tgt Ion:114 Resp: 185129

Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.2

88 16.4 0.0 33.6



#35

Dibromofluoromethane

Concen: 49.099 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX048282.D

Acq: 22 Oct 2025 09:26

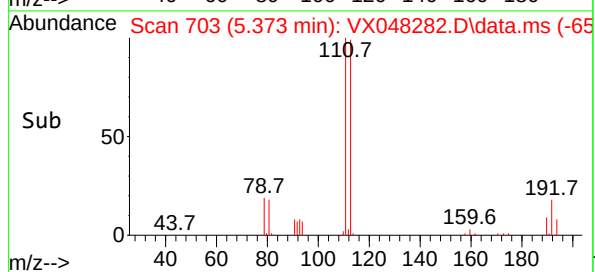
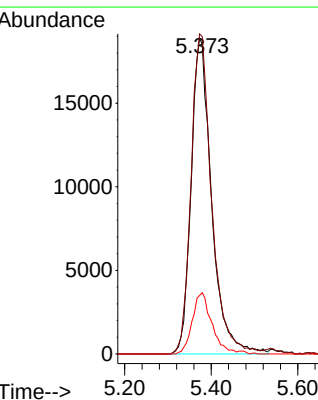
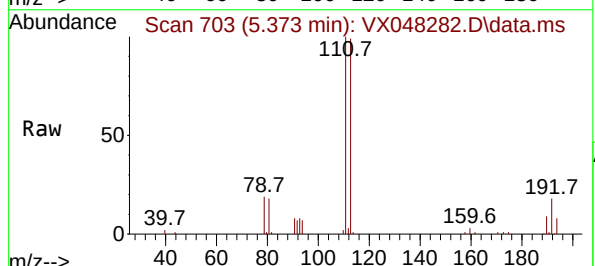
Tgt Ion:113 Resp: 62055

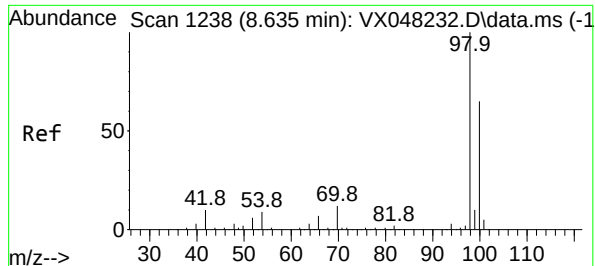
Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.4

192 18.4 15.1 22.7





#50

Toluene-d8

Concen: 47.660 ug/l

RT: 8.635 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048282.D

Acq: 22 Oct 2025 09:26

Instrument :

MSVOA_X

ClientSampleId :

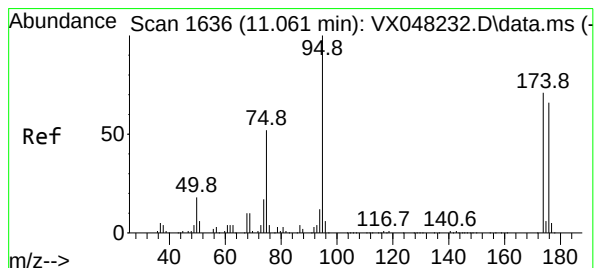
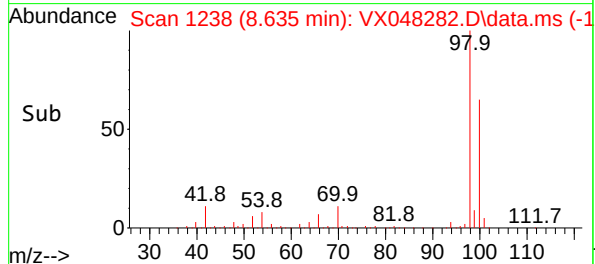
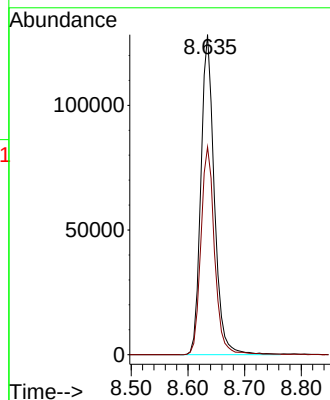
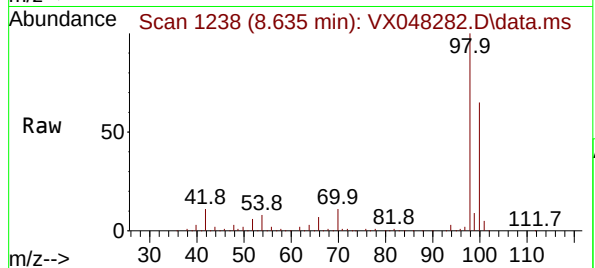
VX1022WBL01

Tgt Ion: 98 Resp: 211132

Ion Ratio Lower Upper

98 100

100 66.3 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 54.533 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. -0.000 min

Lab File: VX048282.D

Acq: 22 Oct 2025 09:26

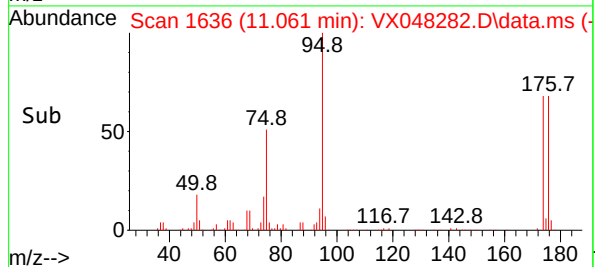
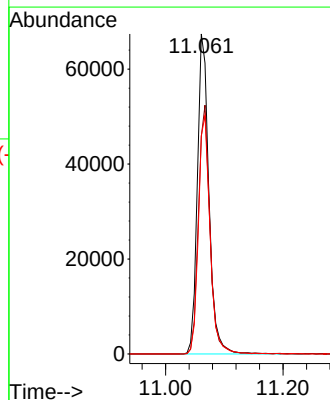
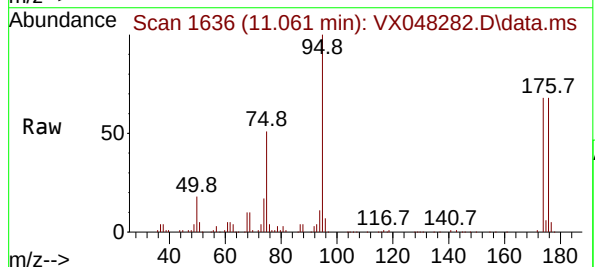
Tgt Ion: 95 Resp: 91904

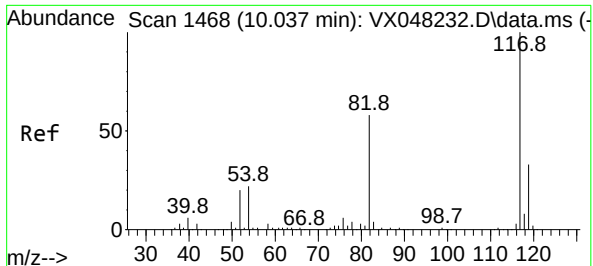
Ion Ratio Lower Upper

95 100

174 77.8 0.0 147.8

176 75.2 0.0 142.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX048282.D

Acq: 22 Oct 2025 09:26

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBL01

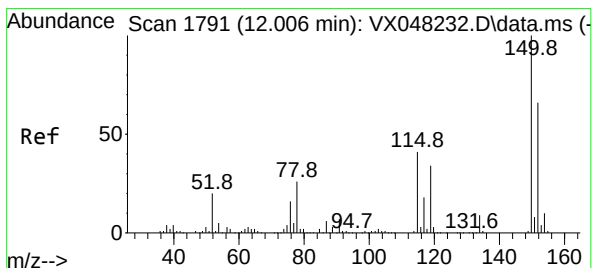
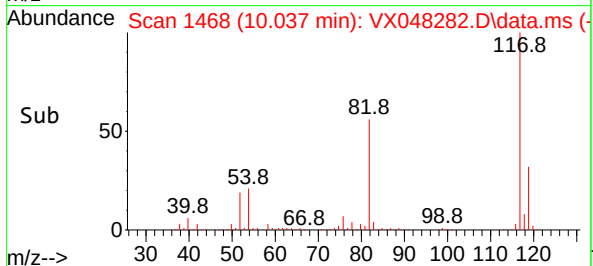
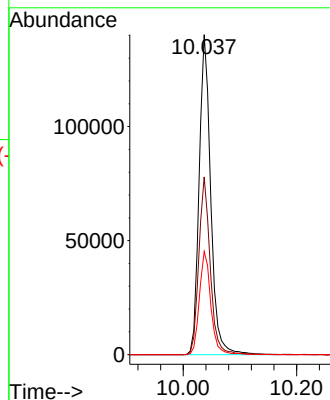
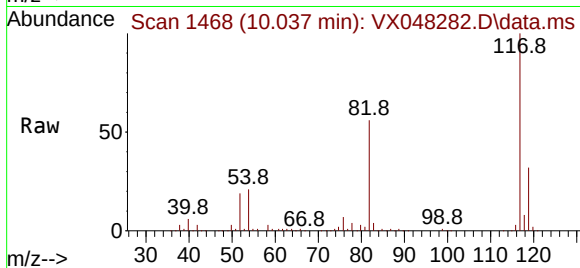
Tgt Ion:117 Resp: 199062

Ion Ratio Lower Upper

117 100

82 55.6 46.5 69.7

119 32.2 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX048282.D

Acq: 22 Oct 2025 09:26

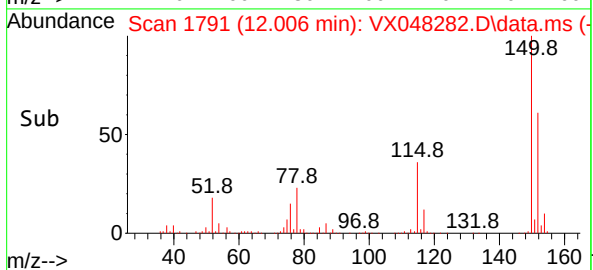
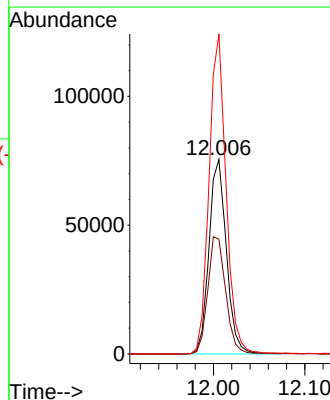
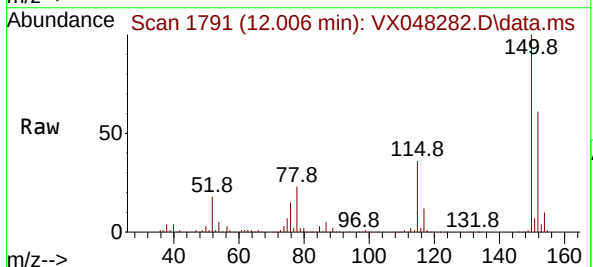
Tgt Ion:152 Resp: 99844

Ion Ratio Lower Upper

152 100

115 62.1 43.1 129.4

150 160.7 0.0 353.0





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

Report of Analysis

Client: ICE Service Group, Inc.
Project: NWIRP Northrup Grumman Site – Bethpage, NY
Client Sample ID: VX1024WBL01
Lab Sample ID: VX1024WBL01
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3399
Matrix: TCLP
% Solid: 0
Test: TCLP VOA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-01-4	Vinyl Chloride	0.75	U	1	0.26	0.75	1.00	ug/L	10/24/25 09:48	VX102425
75-35-4	1,1-Dichloroethene	0.75	U	1	0.23	0.75	1.00	ug/L	10/24/25 09:48	VX102425
78-93-3	2-Butanone	2.50	U	1	0.98	2.50	5.00	ug/L	10/24/25 09:48	VX102425
56-23-5	Carbon Tetrachloride	0.50	U	1	0.25	0.50	1.00	ug/L	10/24/25 09:48	VX102425
67-66-3	Chloroform	0.50	U	1	0.25	0.50	1.00	ug/L	10/24/25 09:48	VX102425
71-43-2	Benzene	0.50	U	1	0.15	0.50	1.00	ug/L	10/24/25 09:48	VX102425
107-06-2	1,2-Dichloroethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/24/25 09:48	VX102425
79-01-6	Trichloroethene	0.75	U	1	0.090	0.75	1.00	ug/L	10/24/25 09:48	VX102425
127-18-4	Tetrachloroethene	0.50	U	1	0.23	0.50	1.00	ug/L	10/24/25 09:48	VX102425
108-90-7	Chlorobenzene	0.50	U	1	0.12	0.50	1.00	ug/L	10/24/25 09:48	VX102425
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	52.2			81 - 118		104%	SPK: 50		
1868-53-7	Dibromofluoromethane	39.0	*		80 - 119		78%	SPK: 50		
2037-26-5	Toluene-d8	43.1	*		89 - 112		86%	SPK: 50		
460-00-4	4-Bromofluorobenzene	42.7			85 - 114		85%	SPK: 50		
INTERNAL STANDARDS										
		Area Count								
363-72-4	Pentafluorobenzene	90500								
540-36-3	1,4-Difluorobenzene	176000								
3114-55-4	Chlorobenzene-d5	166000								
3855-82-1	1,4-Dichlorobenzene-d4	72200								

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
 Data File : VX048340.D
 Acq On : 24 Oct 2025 09:48
 Operator : JC/MD
 Sample : VX1024WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBL01

Quant Time: Oct 24 23:00:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	90540	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.738	114	176490	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	165587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	72164	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	66303	52.230	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.460%
35) Dibromofluoromethane	5.361	113	46939	38.957	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	77.920%
50) Toluene-d8	8.628	98	182081	43.114	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	86.220%#
62) 4-Bromofluorobenzene	11.061	95	68609	42.703	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.400%

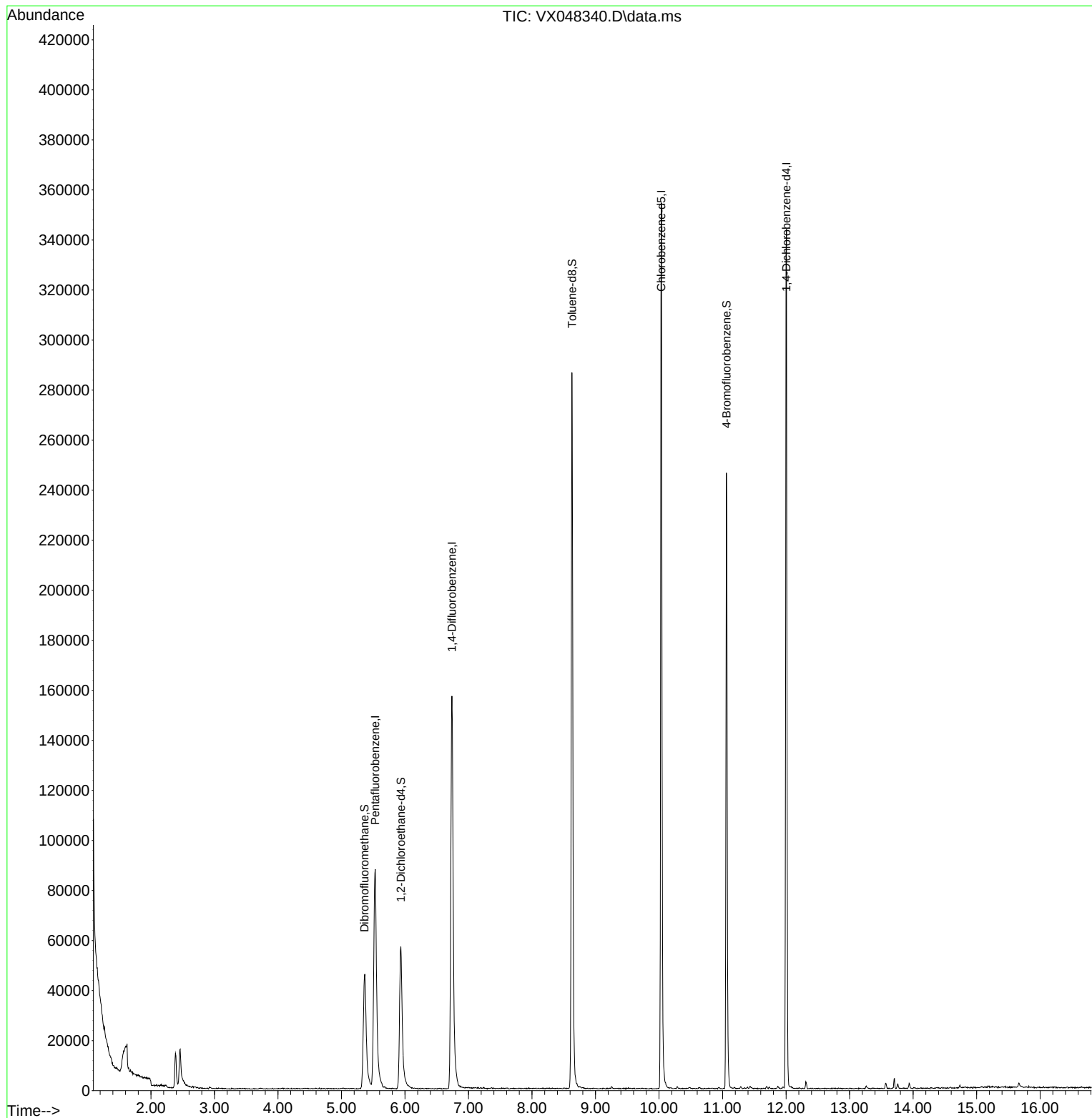
Target Compounds	Qvalue

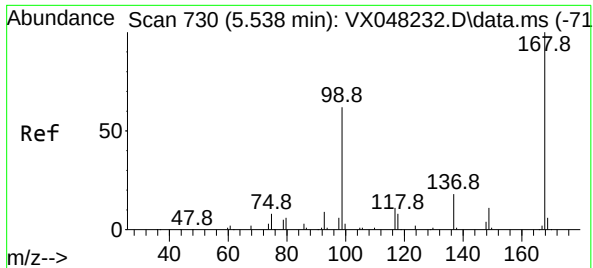
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048340.D
Acq On : 24 Oct 2025 09:48
Operator : JC/MD
Sample : VX1024WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBL01

Quant Time: Oct 24 23:00:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

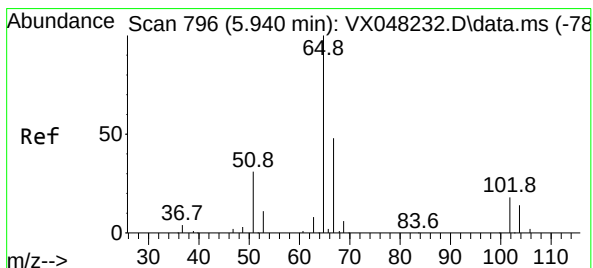
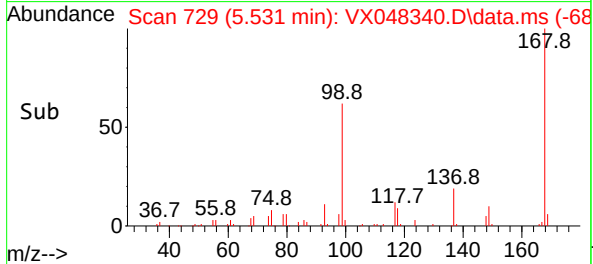
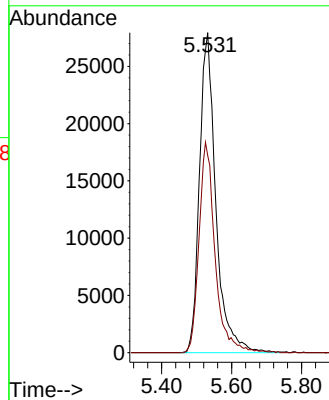
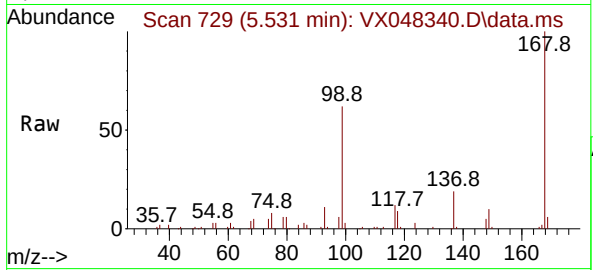




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.013 min
Lab File: VX048340.D
Acq: 24 Oct 2025 09:48

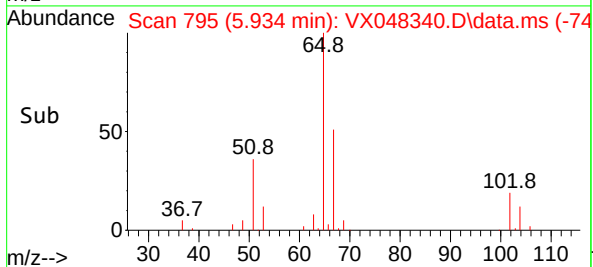
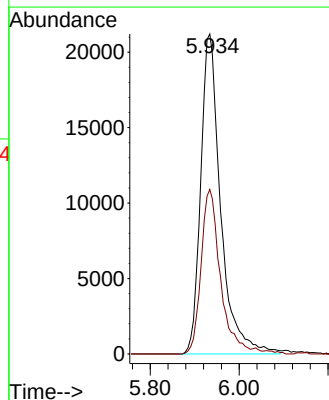
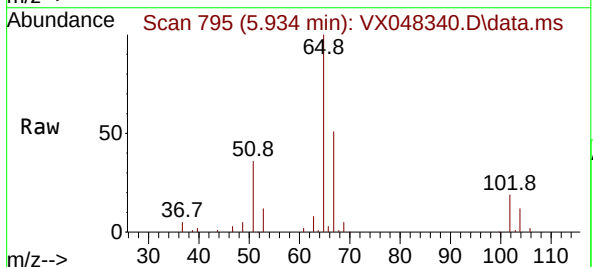
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBL01

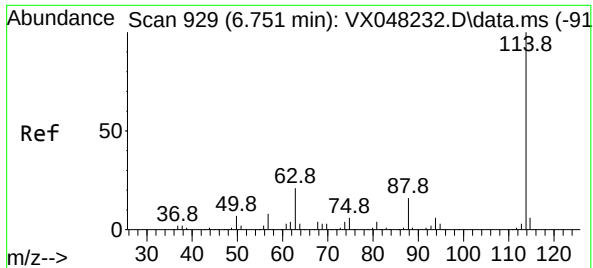
Tgt Ion:168 Resp: 90540
Ion Ratio Lower Upper
168 100
99 61.6 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 52.230 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.006 min
Lab File: VX048340.D
Acq: 24 Oct 2025 09:48

Tgt Ion: 65 Resp: 66303
Ion Ratio Lower Upper
65 100
67 50.1 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.738 min Scan# 91

Delta R.T. -0.007 min

Lab File: VX048340.D

Acq: 24 Oct 2025 09:48

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBL01

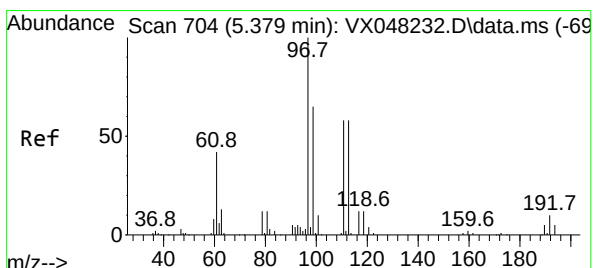
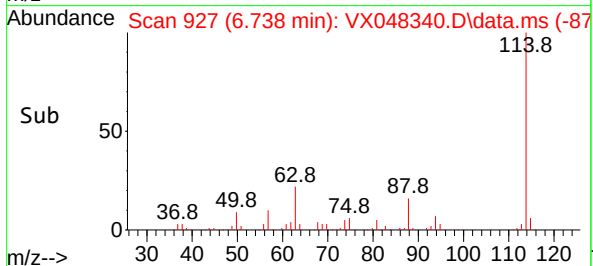
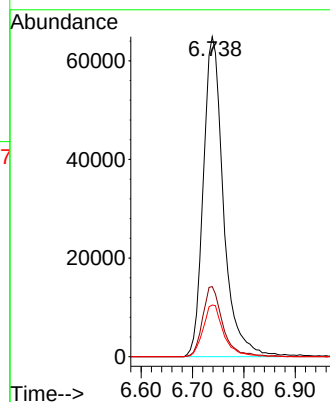
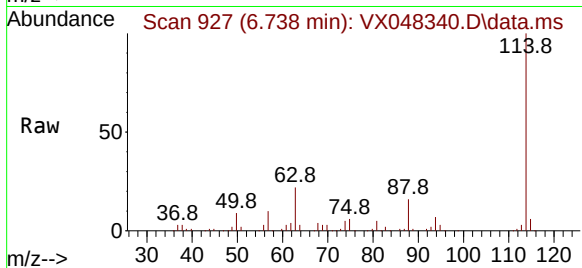
Tgt Ion:114 Resp: 176490

Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.2

88 16.1 0.0 33.6



#35

Dibromofluoromethane

Concen: 38.957 ug/l

RT: 5.361 min Scan# 701

Delta R.T. -0.012 min

Lab File: VX048340.D

Acq: 24 Oct 2025 09:48

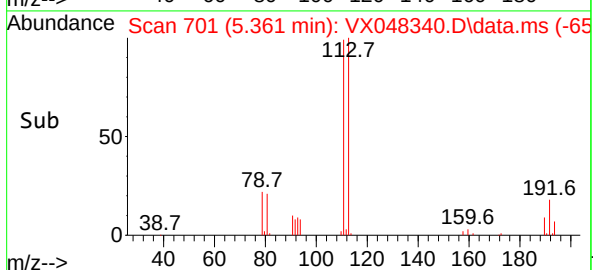
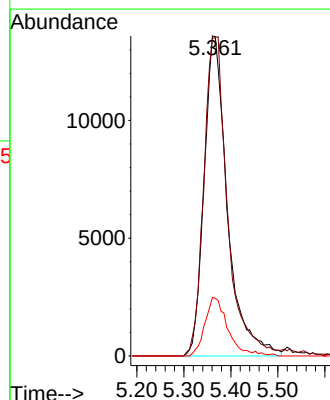
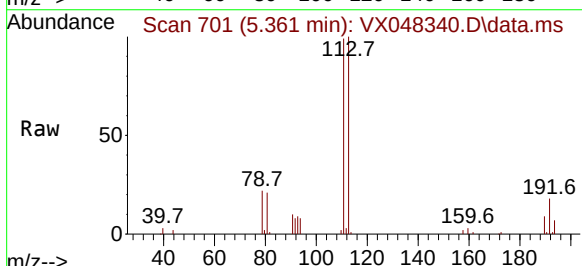
Tgt Ion:113 Resp: 46939

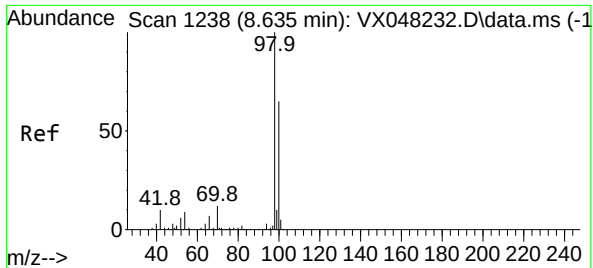
Ion Ratio Lower Upper

113 100

111 101.1 82.2 123.4

192 18.0 15.1 22.7





#50

Toluene-d8

Concen: 43.114 ug/l

RT: 8.628 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX048340.D

Acq: 24 Oct 2025 09:48

Instrument :

MSVOA_X

ClientSampleId :

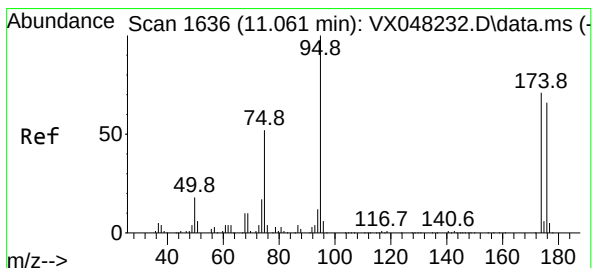
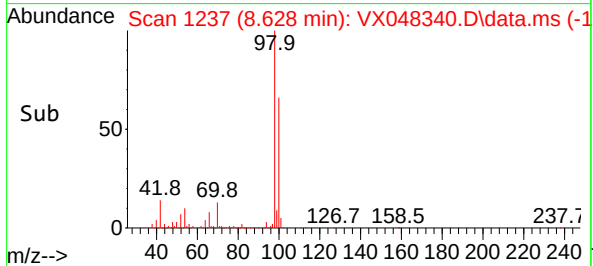
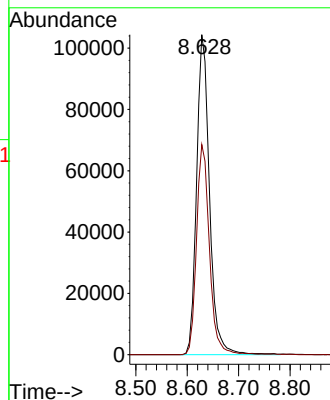
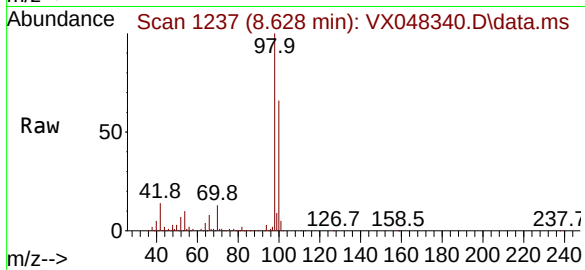
VX1024WBL01

Tgt Ion: 98 Resp: 182081

Ion Ratio Lower Upper

98 100

100 65.8 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 42.703 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. -0.000 min

Lab File: VX048340.D

Acq: 24 Oct 2025 09:48

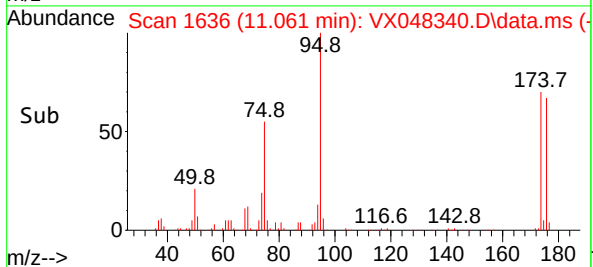
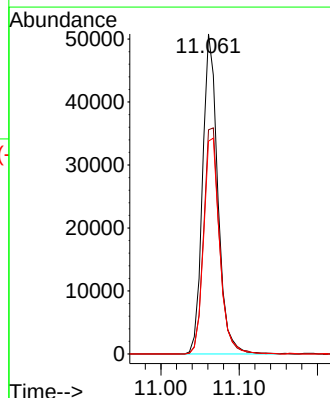
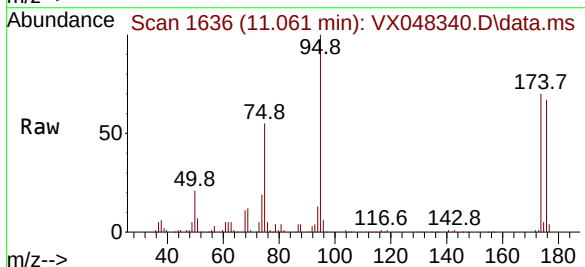
Tgt Ion: 95 Resp: 68609

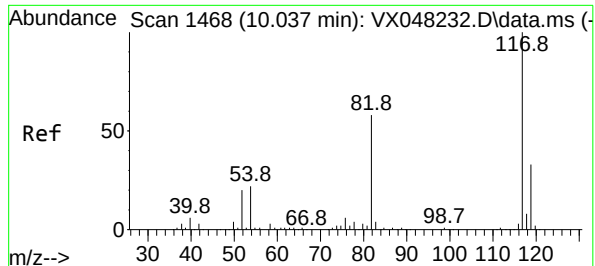
Ion Ratio Lower Upper

95 100

174 73.6 0.0 147.8

176 71.0 0.0 142.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX048340.D

Acq: 24 Oct 2025 09:48

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBL01

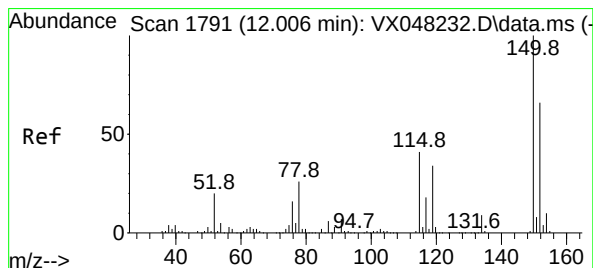
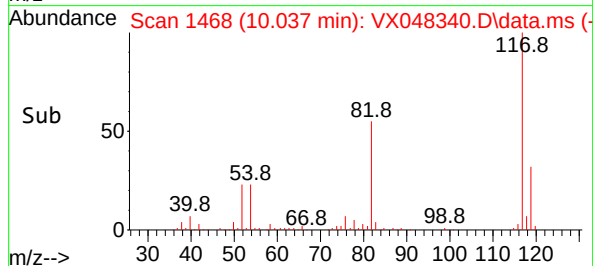
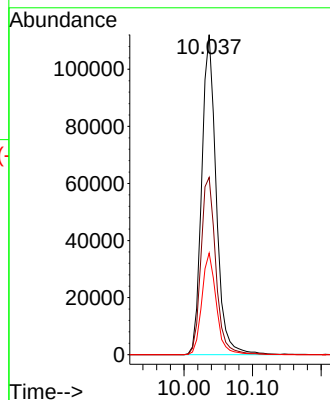
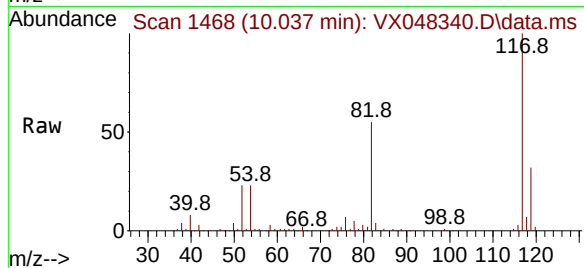
Tgt Ion:117 Resp: 165587

Ion Ratio Lower Upper

117 100

82 55.4 46.5 69.7

119 31.8 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX048340.D

Acq: 24 Oct 2025 09:48

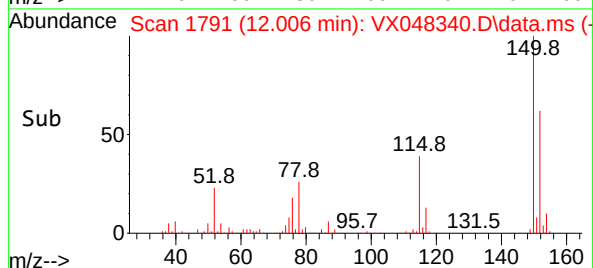
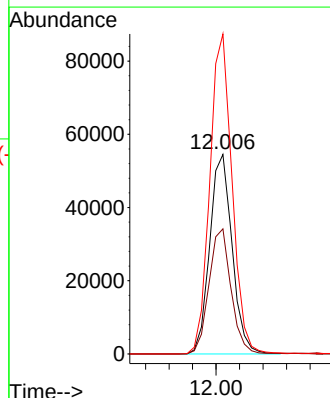
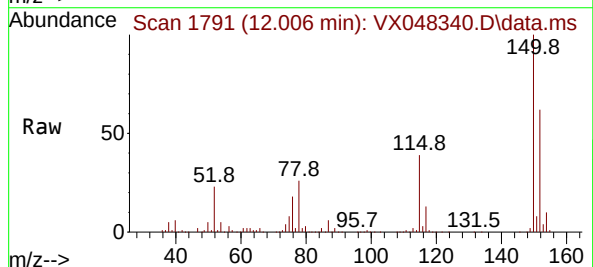
Tgt Ion:152 Resp: 72164

Ion Ratio Lower Upper

152 100

115 61.9 43.1 129.4

150 159.8 0.0 353.0





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

Report of Analysis

Client: ICE Service Group, Inc.
Project: NWIRP Northrup Grumman Site – Bethpage, NY
Client Sample ID: VX1022WBS01
Lab Sample ID: VX1022WBS01
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3399
Matrix: TCLP
% Solid: 0
Test: TCLP VOA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-01-4	Vinyl Chloride	16.4		1	0.26	0.75	1.00	ug/L	10/22/25 09:53	VX102225
75-35-4	1,1-Dichloroethene	18.3		1	0.23	0.75	1.00	ug/L	10/22/25 09:53	VX102225
78-93-3	2-Butanone	88.7		1	0.98	2.50	5.00	ug/L	10/22/25 09:53	VX102225
56-23-5	Carbon Tetrachloride	18.9		1	0.25	0.50	1.00	ug/L	10/22/25 09:53	VX102225
67-66-3	Chloroform	19.4		1	0.25	0.50	1.00	ug/L	10/22/25 09:53	VX102225
71-43-2	Benzene	18.9		1	0.15	0.50	1.00	ug/L	10/22/25 09:53	VX102225
107-06-2	1,2-Dichloroethane	20.4		1	0.22	0.50	1.00	ug/L	10/22/25 09:53	VX102225
79-01-6	Trichloroethene	19.3		1	0.090	0.75	1.00	ug/L	10/22/25 09:53	VX102225
127-18-4	Tetrachloroethene	17.9		1	0.23	0.50	1.00	ug/L	10/22/25 09:53	VX102225
108-90-7	Chlorobenzene	19.3		1	0.12	0.50	1.00	ug/L	10/22/25 09:53	VX102225
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	50.2			81 - 118		100%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.9			80 - 119		102%	SPK: 50		
2037-26-5	Toluene-d8	50.7			89 - 112		101%	SPK: 50		
460-00-4	4-Bromofluorobenzene	52.4			85 - 114		105%	SPK: 50		
INTERNAL STANDARDS										
		Area Count								
363-72-4	Pentafluorobenzene	116000								
540-36-3	1,4-Difluorobenzene	185000								
3114-55-4	Chlorobenzene-d5	172000								
3855-82-1	1,4-Dichlorobenzene-d4	91100								

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
 Data File : VX048283.D
 Acq On : 22 Oct 2025 09:53
 Operator : JC/MD
 Sample : VX1022WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/24/2025
 Supervised By : Mahesh Dadoda 10/24/2025

Quant Time: Oct 24 05:51:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	115938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	185153	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	172449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	91086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	81572	50.182	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.360%			
35) Dibromofluoromethane	5.373	113	64382	50.934	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.860%			
50) Toluene-d8	8.629	98	224820	50.743	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.480%			
62) 4-Bromofluorobenzene	11.061	95	88327	52.404	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	22868	19.187	ug/l	95
3) Chloromethane	1.301	50	18787	16.887	ug/l	97
4) Vinyl Chloride	1.380	62	16907	16.412	ug/l	100
5) Bromomethane	1.618	94	12759	18.250	ug/l	92
6) Chloroethane	1.697	64	10602	17.514	ug/l	94
7) Trichlorofluoromethane	1.892	101	36946	18.700	ug/l	98
8) Diethyl Ether	2.130	74	9583	17.238	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.337	101	22281	17.809	ug/l	93
10) Methyl Iodide	2.453	142	29719	18.895	ug/l	98
11) Tert butyl alcohol	2.934	59	13125	81.322	ug/l	98
12) 1,1-Dichloroethene	2.325	96	22236	18.268	ug/l	89
13) Acrolein	2.233	56	18404	111.807	ug/l	100
14) Allyl chloride	2.666	41	34300	16.973	ug/l	94
15) Acrylonitrile	3.056	53	51470	88.440	ug/l	98
16) Acetone	2.374	43	49714	89.149	ug/l	94
17) Carbon Disulfide	2.514	76	61537	16.041	ug/l	98
18) Methyl Acetate	2.697	43	19682	16.900	ug/l #	90
19) Methyl tert-butyl Ether	3.105	73	76499	18.423	ug/l	98
20) Methylene Chloride	2.788	84	25627	18.860	ug/l	90
21) trans-1,2-Dichloroethene	3.087	96	24665	18.448	ug/l	97
22) Diisopropyl ether	3.745	45	74217	18.413	ug/l #	82
23) Vinyl Acetate	3.709	43	293391	91.123	ug/l	95
24) 1,1-Dichloroethane	3.605	63	44644	18.318	ug/l	98
25) 2-Butanone	4.538	43	62637	88.741	ug/l	94
26) 2,2-Dichloropropane	4.459	77	42168	19.169	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	29422	18.855	ug/l	97
28) Bromochloromethane	4.885	49	18103	17.914	ug/l #	80
29) Tetrahydrofuran	4.983	42	35783	84.647	ug/l	90
30) Chloroform	5.074	83	50484	19.388	ug/l	96
31) Cyclohexane	5.452	56	36067	17.875	ug/l	89
32) 1,1,1-Trichloroethane	5.367	97	45607	19.005	ug/l	98
36) 1,1-Dichloropropene	5.678	75	32884	18.304	ug/l	99
37) Ethyl Acetate	4.702	43	25793	17.321	ug/l	96
38) Carbon Tetrachloride	5.660	117	41818	18.866	ug/l	97
39) Methylcyclohexane	7.367	83	37971	17.896	ug/l	93
40) Benzene	6.019	78	98700	18.922	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
 Data File : VX048283.D
 Acq On : 22 Oct 2025 09:53
 Operator : JC/MD
 Sample : VX1022WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/24/2025
 Supervised By : Mahesh Dadoda 10/24/2025

Quant Time: Oct 24 05:51:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	13641	17.443	ug/l	95
42) 1,2-Dichloroethane	6.068	62	39202	20.367	ug/l	99
43) Isopropyl Acetate	6.318	43	43873	17.936	ug/l	97
44) Trichloroethene	7.111	130	26617	19.325	ug/l	99
45) 1,2-Dichloropropane	7.415	63	23590	19.022	ug/l	93
46) Dibromomethane	7.568	93	18429	19.074	ug/l	92
47) Bromodichloromethane	7.799	83	40507	19.417	ug/l	96
48) Methyl methacrylate	7.677	41	21757	17.627	ug/l	93
49) 1,4-Dioxane	7.641	88	5789	355.001	ug/l	91
51) 4-Methyl-2-Pentanone	8.555	43	128509	91.119	ug/l	96
52) Toluene	8.702	92	64846	19.569	ug/l	98
53) t-1,3-Dichloropropene	8.964	75	39352	19.575	ug/l	97
54) cis-1,3-Dichloropropene	8.348	75	41608	19.183	ug/l	95
55) 1,1,2-Trichloroethane	9.135	97	24236	19.667	ug/l	96
56) Ethyl methacrylate	9.098	69	32337	17.941	ug/l	98
57) 1,3-Dichloropropane	9.293	76	40790	19.378	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.226	63	82301	86.039	ug/l	96
59) 2-Hexanone	9.415	43	91212	92.750	ug/l	95
60) Dibromochloromethane	9.500	129	32118	19.391	ug/l	98
61) 1,2-Dibromoethane	9.592	107	25567	19.461	ug/l	100
64) Tetrachloroethene	9.256	164	23106	17.948	ug/l	96
65) Chlorobenzene	10.061	112	74866	19.299	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.147	131	27221	19.105	ug/l	99
67) Ethyl Benzene	10.177	91	123704	18.730	ug/l	95
68) m/p-Xylenes	10.287	106	96187	39.196	ug/l	99
69) o-Xylene	10.622	106	45915	19.380	ug/l	100
70) Styrene	10.640	104	81400	20.178	ug/l	99
71) Bromoform	10.781	173	21486	18.867	ug/l #	97
73) Isopropylbenzene	10.945	105	121492	18.261	ug/l	98
74) N-amyl acetate	10.823	43	39294	16.651	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.195	83	32943	18.132	ug/l	97
76) 1,2,3-Trichloropropane	11.220	75	30421m	20.595	ug/l	
77) Bromobenzene	11.183	156	30904	18.526	ug/l	91
78) n-propylbenzene	11.287	91	142548	18.506	ug/l	98
79) 2-Chlorotoluene	11.348	91	87720	18.783	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	102516	18.620	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	10045	16.545	ug/l	92
82) 4-Chlorotoluene	11.439	91	104284	18.810	ug/l	97
83) tert-Butylbenzene	11.695	119	105858	18.713	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	105149	19.137	ug/l	99
85) sec-Butylbenzene	11.872	105	122676	18.025	ug/l	100
86) p-Isopropyltoluene	11.988	119	107570	18.286	ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	58833	18.708	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	60010	18.420	ug/l	98
89) n-Butylbenzene	12.317	91	93913	17.540	ug/l	99
90) Hexachloroethane	12.518	117	20129	17.328	ug/l	91
91) 1,2-Dichlorobenzene	12.317	146	55576	18.823	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	6490	17.598	ug/l	95
93) 1,2,4-Trichlorobenzene	13.567	180	35339	17.699	ug/l	99
94) Hexachlorobutadiene	13.707	225	13881	18.594	ug/l	97
95) Naphthalene	13.756	128	96835	18.305	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	33930	18.518	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048283.D
Acq On : 22 Oct 2025 09:53
Operator : JC/MD
Sample : VX1022WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

Quant Time: Oct 24 05:51:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

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

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

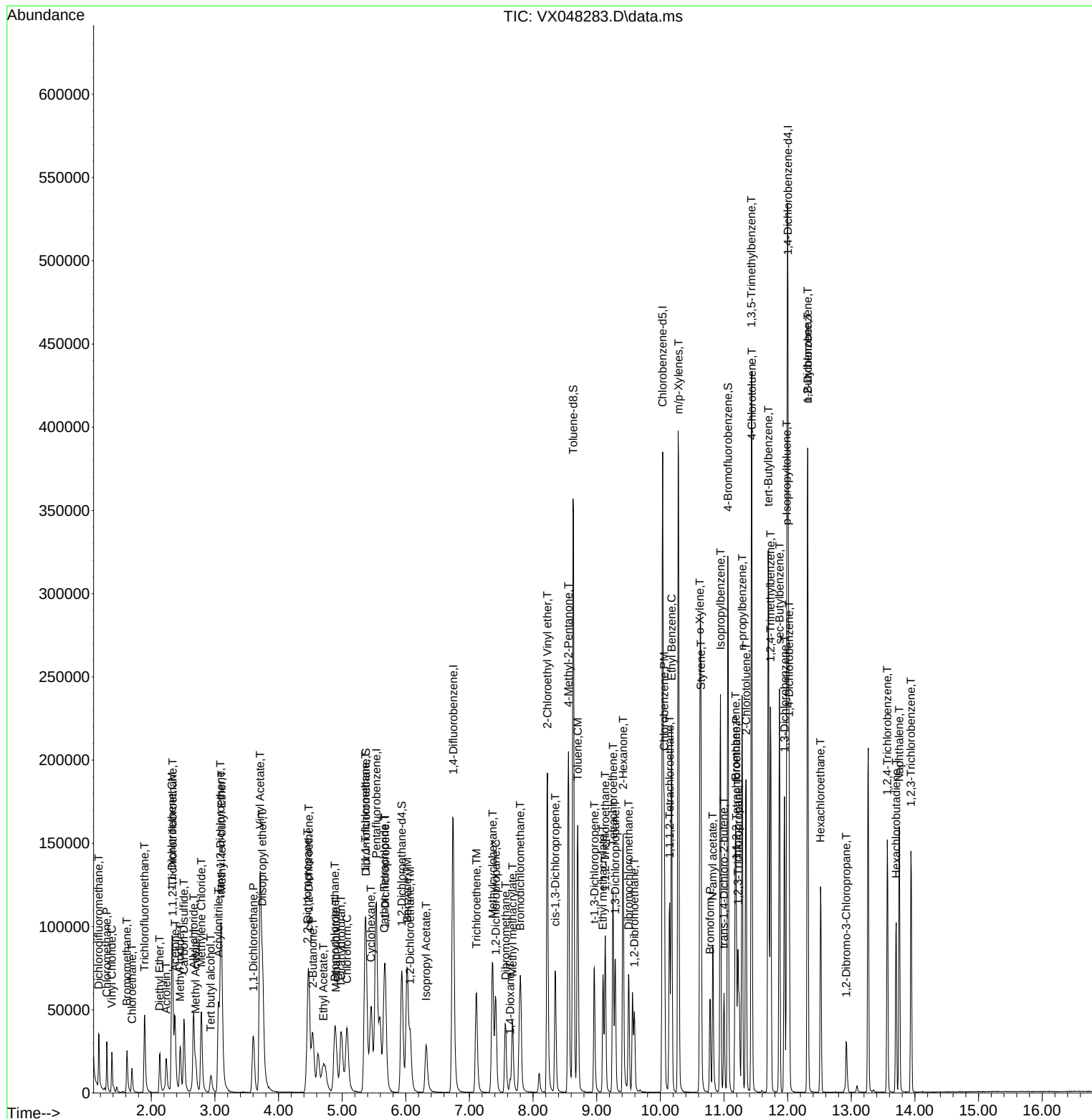
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048283.D
Acq On : 22 Oct 2025 09:53
Operator : JC/MD
Sample : VX1022WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

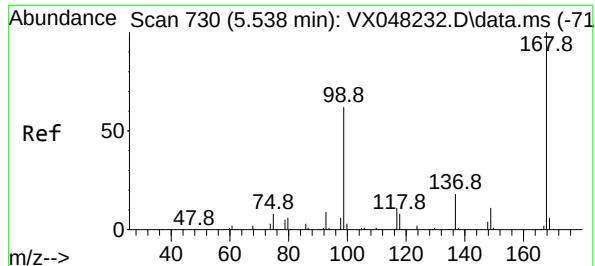
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

Manual Integrations

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

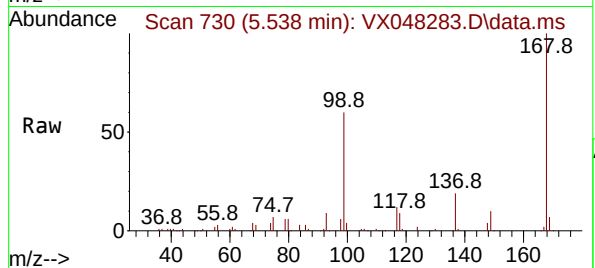
Quant Time: Oct 24 05:51:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

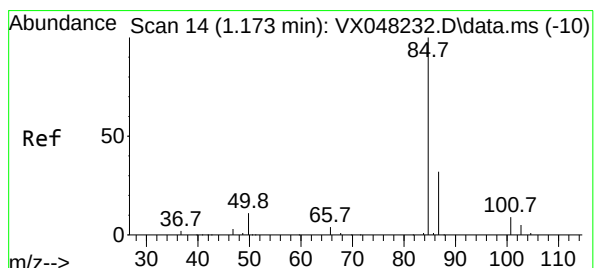
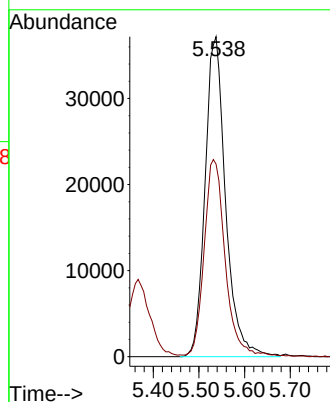
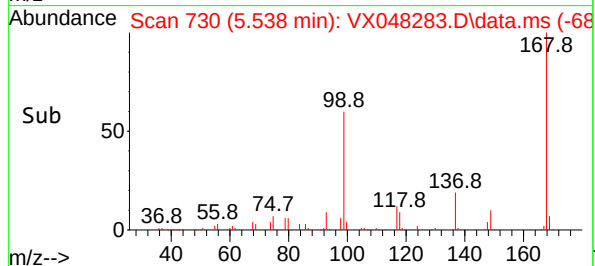
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01



Tgt Ion:168 Resp: 115938
Ion Ratio Lower Upper
168 100
99 59.8 46.4 69.6

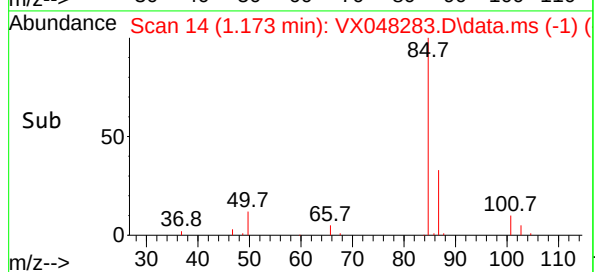
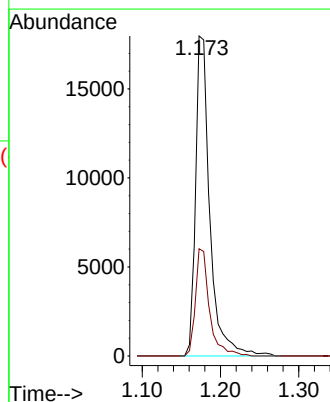
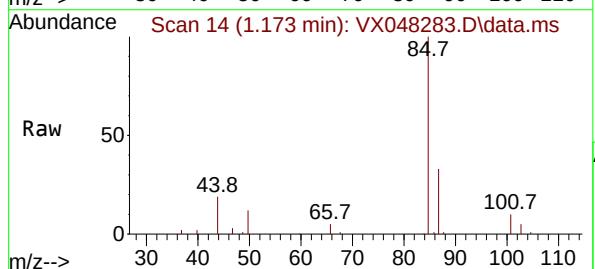
Manual Integrations
APPROVED

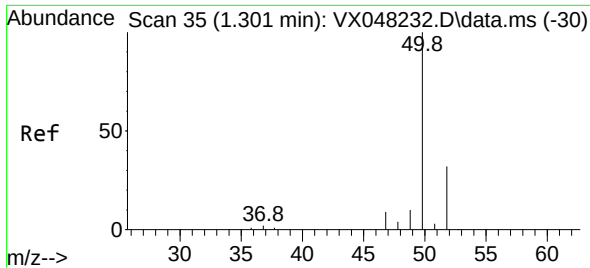
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#2
Dichlorodifluoromethane
Concen: 19.187 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

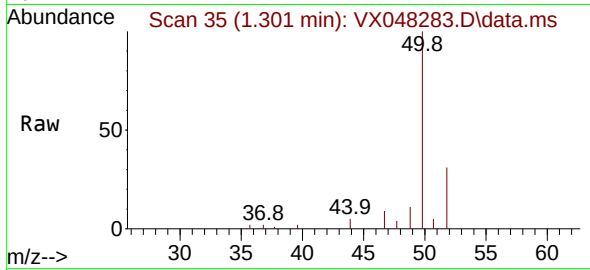
Tgt Ion: 85 Resp: 22868
Ion Ratio Lower Upper
85 100
87 33.5 15.3 45.9





#3
Chloromethane
Concen: 16.887 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

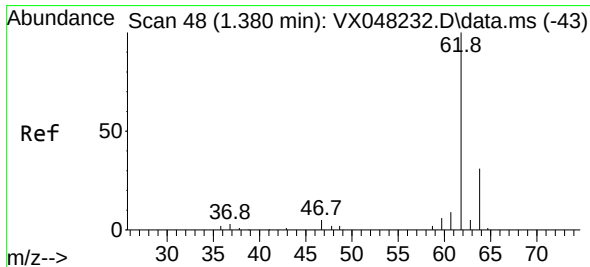
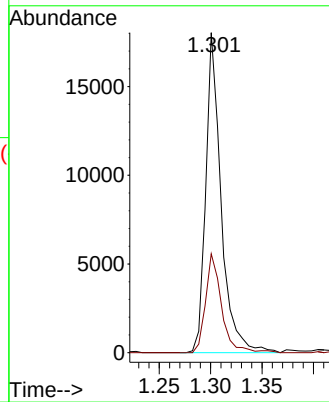
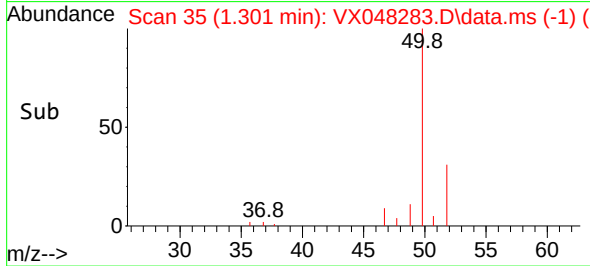
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01



Tgt Ion: 50 Resp: 1878
Ion Ratio Lower Upper
50 100
52 30.9 25.9 38.9

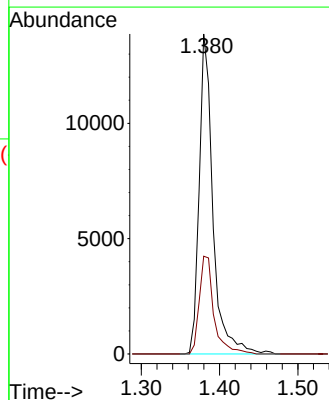
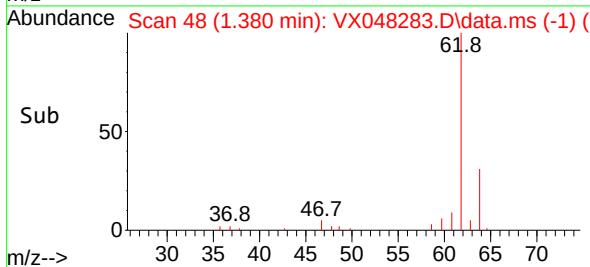
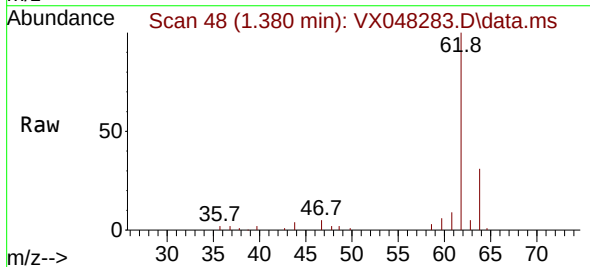
Manual Integrations
APPROVED

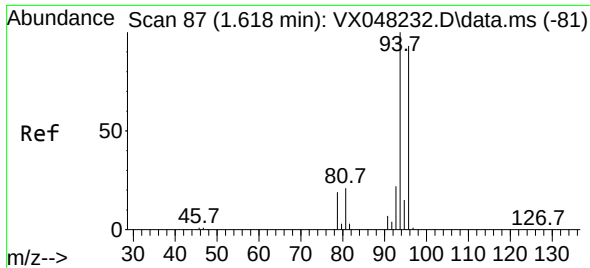
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#4
Vinyl Chloride
Concen: 16.412 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

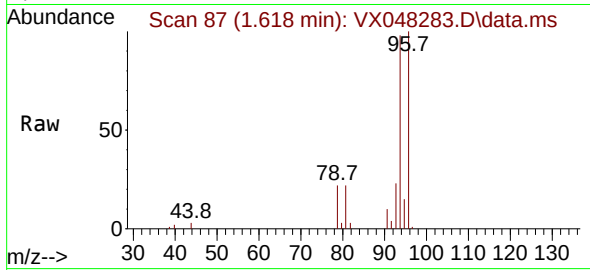
Tgt Ion: 62 Resp: 16907
Ion Ratio Lower Upper
62 100
64 31.5 25.1 37.7





#5
Bromomethane
Concen: 18.250 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

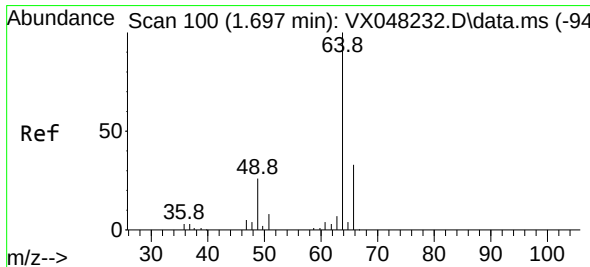
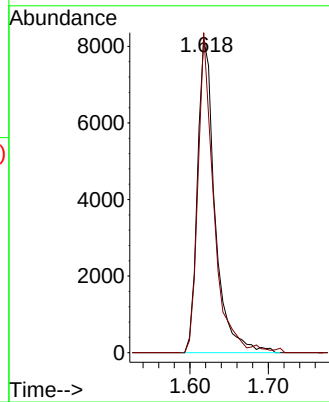
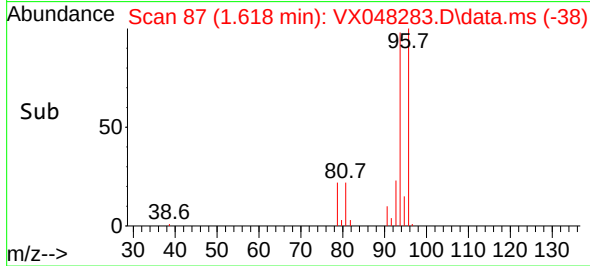
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01



Tgt Ion: 94 Resp: 1275
Ion Ratio Lower Upper
94 100
96 103.2 76.0 114.0

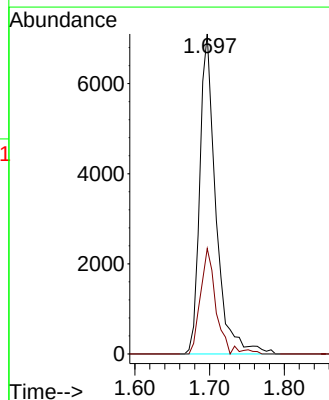
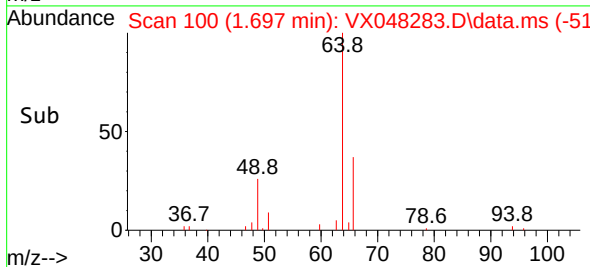
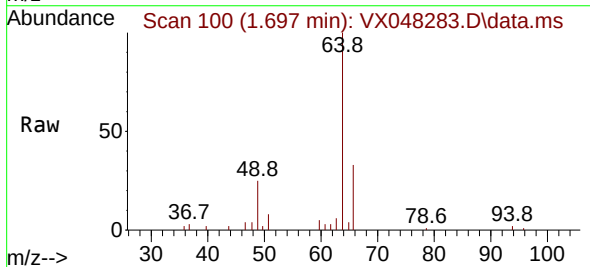
Manual Integrations
APPROVED

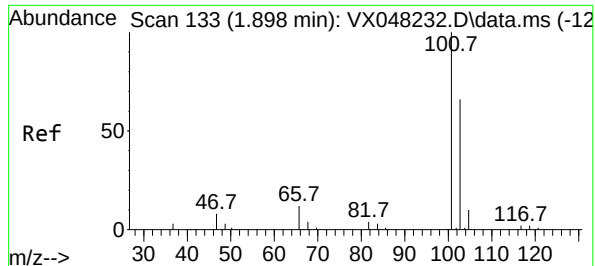
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#6
Chloroethane
Concen: 17.514 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

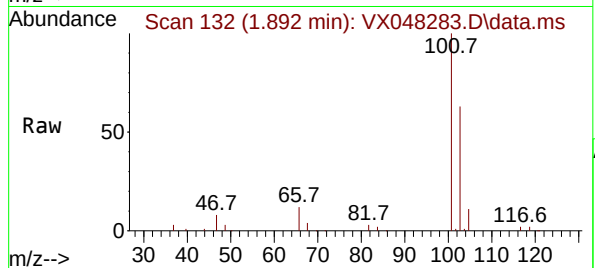
Tgt Ion: 64 Resp: 10602
Ion Ratio Lower Upper
64 100
66 32.9 23.9 35.9





#7
Trichlorofluoromethane
Concen: 18.700 ug/l
RT: 1.892 min Scan# 110
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

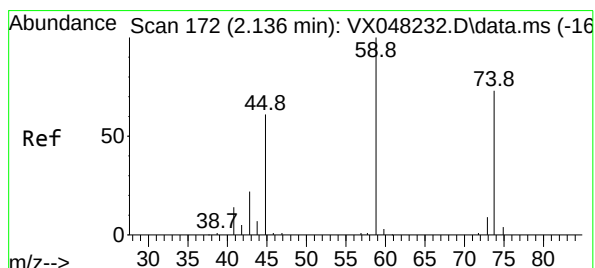
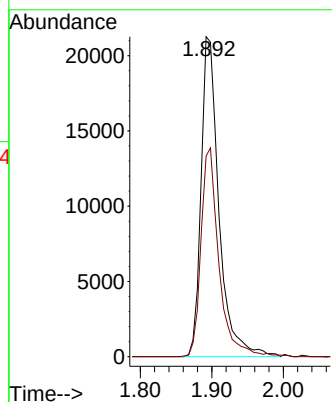
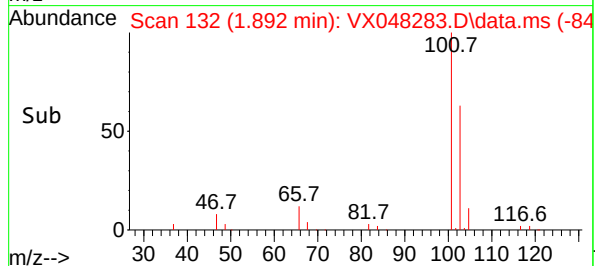
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01



Tgt Ion:101 Resp: 36940
Ion Ratio Lower Upper
101 100
103 62.7 51.6 77.4

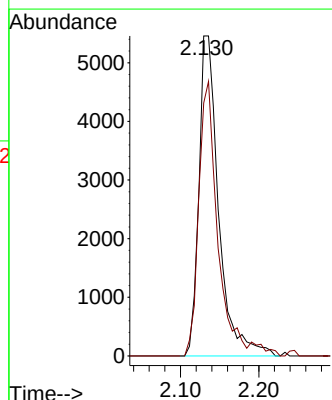
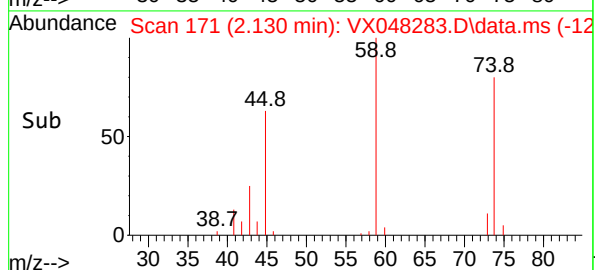
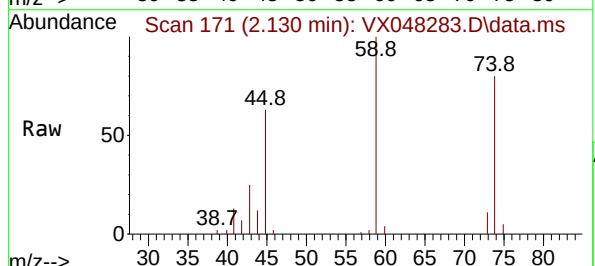
Manual Integrations
APPROVED

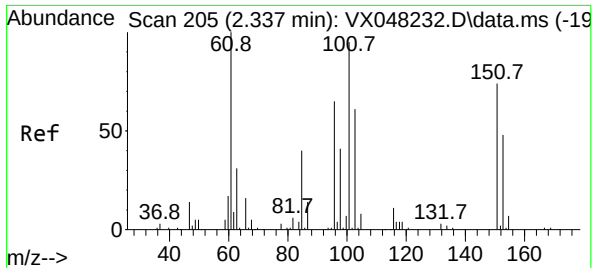
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#8
Diethyl Ether
Concen: 17.238 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 74 Resp: 9583
Ion Ratio Lower Upper
74 100
45 80.5 50.0 149.8





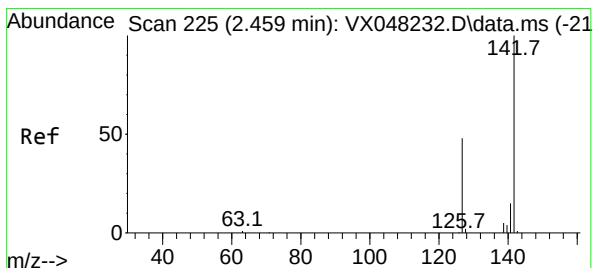
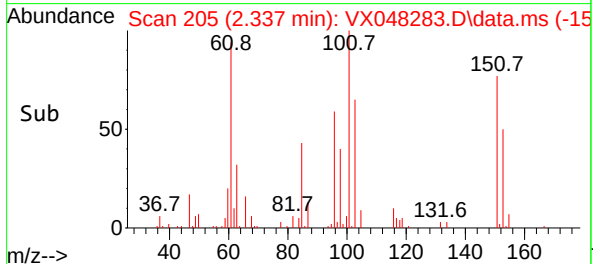
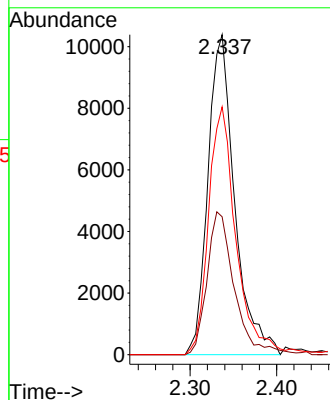
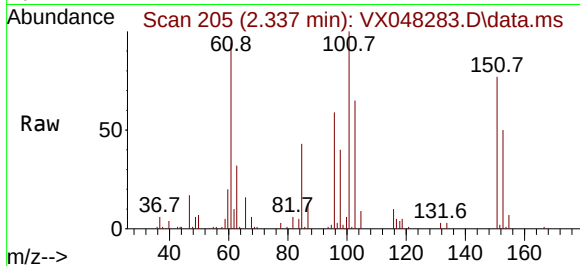
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.809 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

Tgt Ion:101 Resp: 2228
Ion Ratio Lower Upper
101 100
85 45.7 35.6 53.4
151 80.6 58.0 87.0

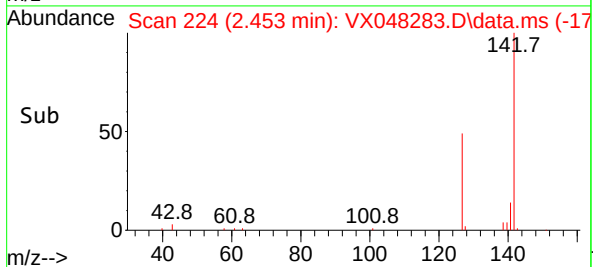
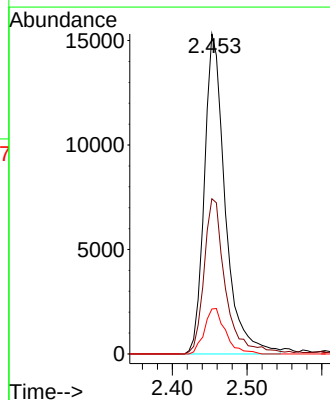
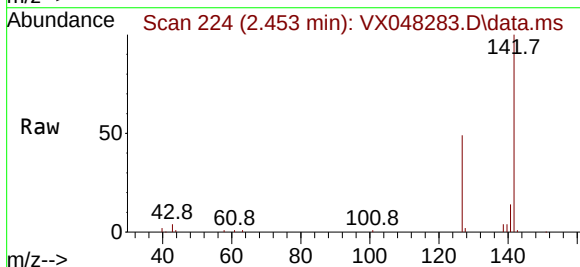
Manual Integrations
APPROVED

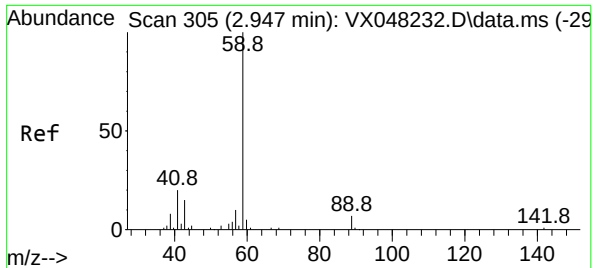
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#10
Methyl Iodide
Concen: 18.895 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:142 Resp: 29719
Ion Ratio Lower Upper
142 100
127 50.1 38.5 57.7
141 14.3 11.6 17.4





#11

Tert butyl alcohol

Concen: 81.322 ug/l

RT: 2.934 min Scan# 305

Delta R.T. -0.006 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS01

Tgt Ion: 59 Resp: 1312

Ion Ratio Lower Upper

59 100

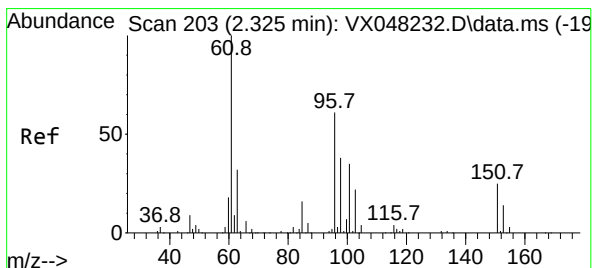
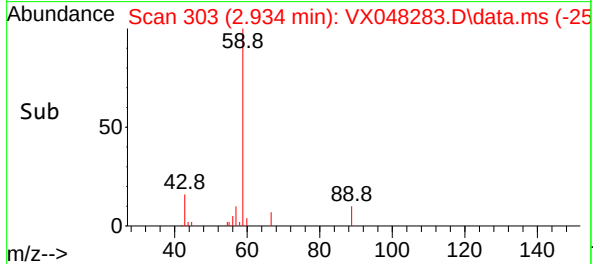
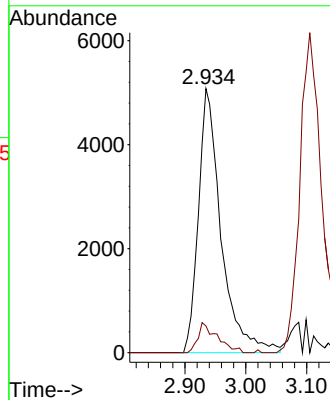
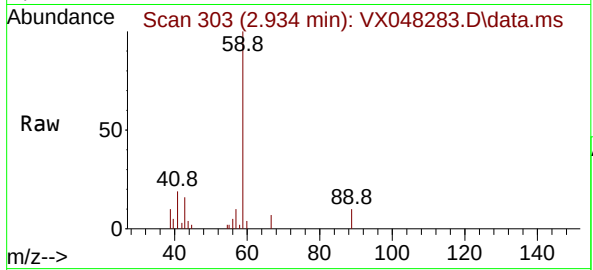
57 9.7 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#12

1,1-Dichloroethene

Concen: 18.268 ug/l

RT: 2.325 min Scan# 203

Delta R.T. -0.000 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

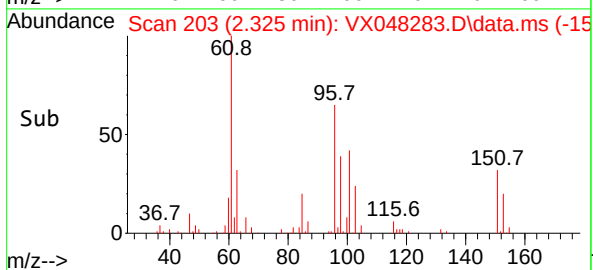
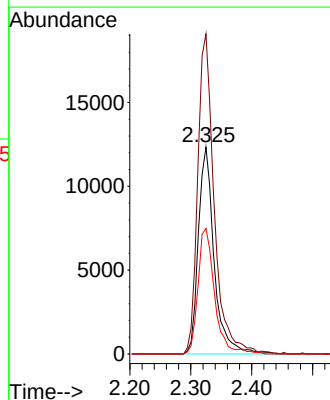
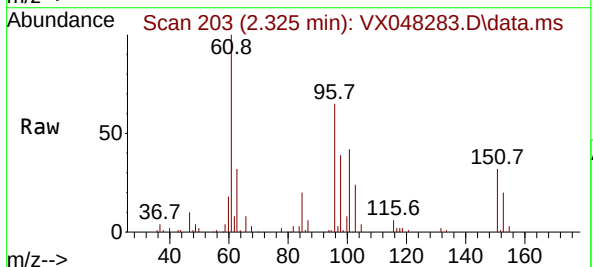
Tgt Ion: 96 Resp: 22236

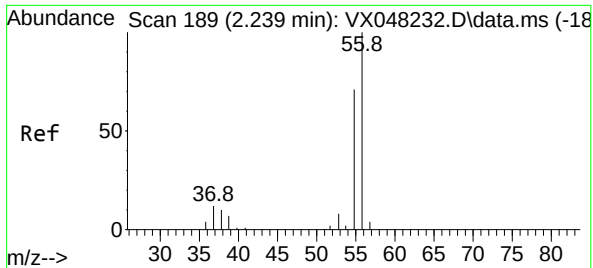
Ion Ratio Lower Upper

96 100

61 154.7 139.0 208.6

98 62.1 52.4 78.6





#13

Acrolein

Concen: 111.807 ug/l

RT: 2.233 min Scan# 189

Delta R.T. -0.000 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS01

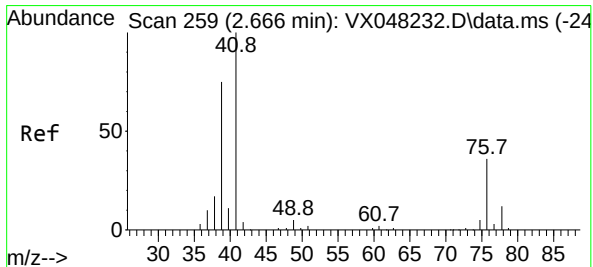
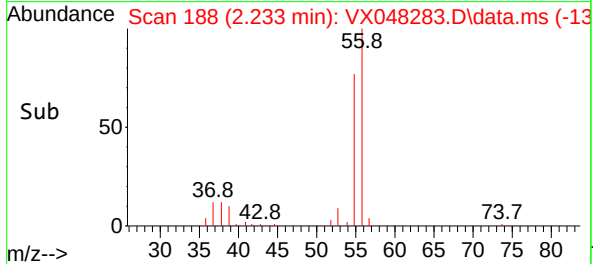
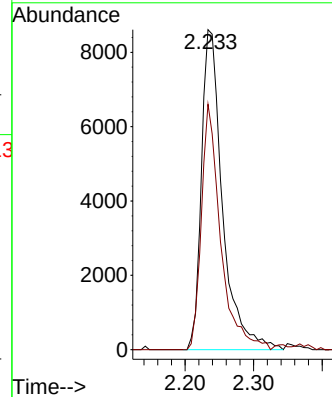
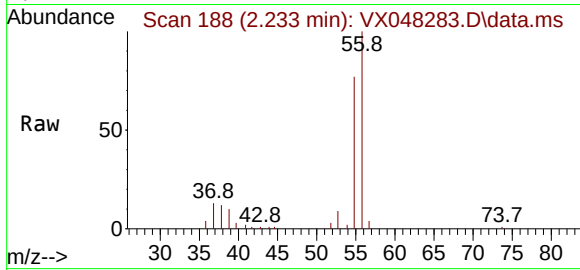
Tgt Ion:	56	Resp:	1840
Ion	Ratio	Lower	Upper
56	100		
55	70.1	56.1	84.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#14

Allyl chloride

Concen: 16.973 ug/l

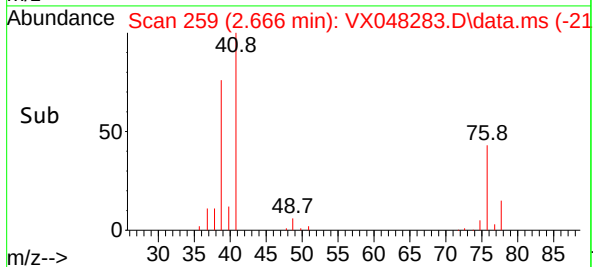
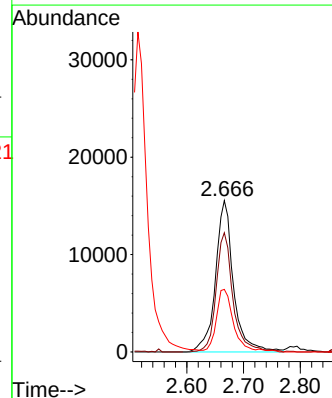
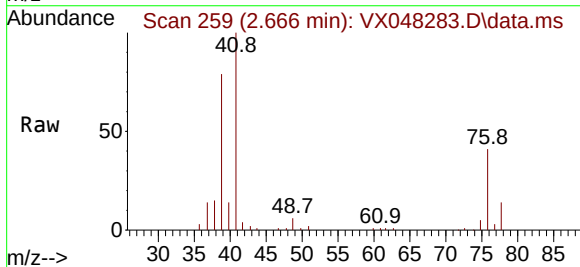
RT: 2.666 min Scan# 259

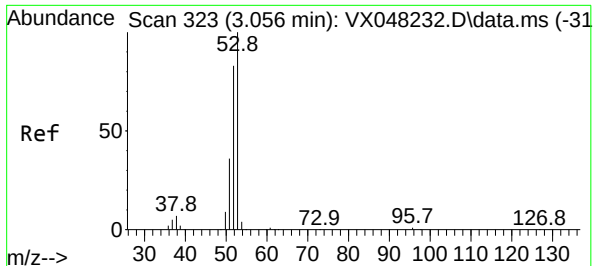
Delta R.T. -0.000 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

Tgt Ion:	41	Resp:	34300
Ion	Ratio	Lower	Upper
41	100		
39	73.8	56.0	84.0
76	39.9	27.5	41.3





#15

Acrylonitrile

Concen: 88.440 ug/l

RT: 3.056 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS01

Tgt Ion: 53 Resp: 51470

Ion Ratio Lower Upper

53 100

52 80.2 66.1 99.1

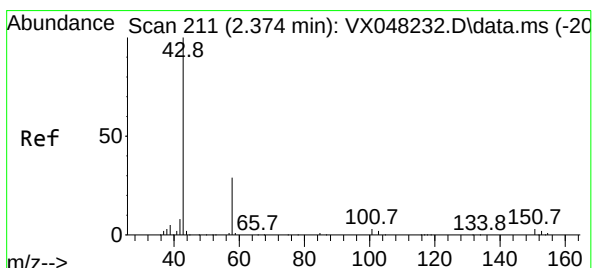
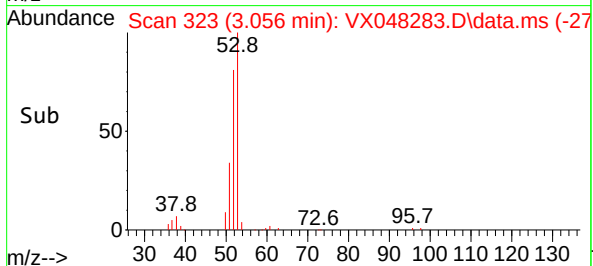
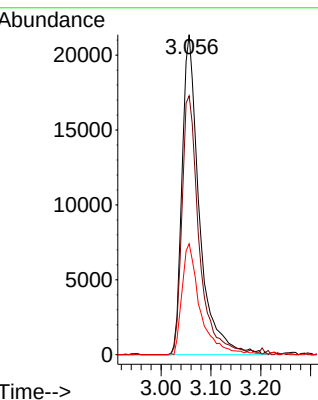
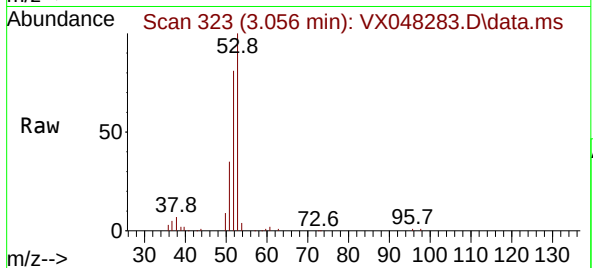
51 36.6 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#16

Acetone

Concen: 89.149 ug/l

RT: 2.374 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX048283.D

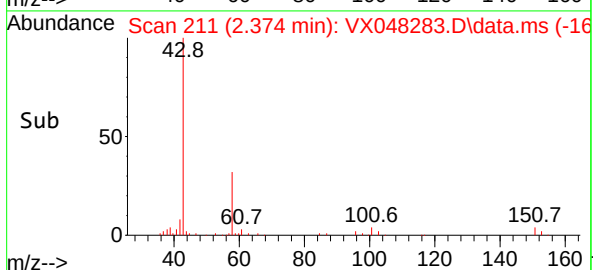
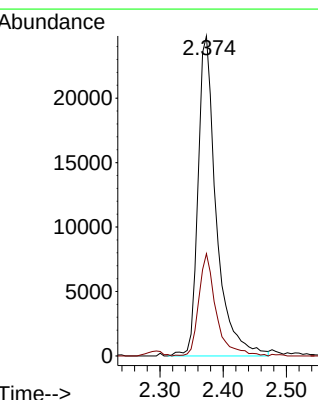
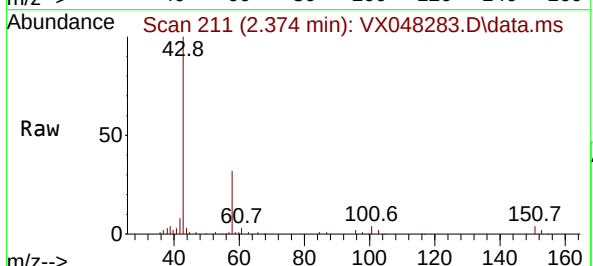
Acq: 22 Oct 2025 09:53

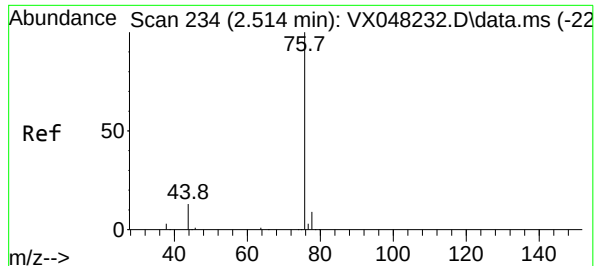
Tgt Ion: 43 Resp: 49714

Ion Ratio Lower Upper

43 100

58 32.3 23.4 35.2





#17

Carbon Disulfide

Concen: 16.041 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS01

Tgt Ion: 76 Resp: 6153

Ion Ratio Lower Upper

76 100

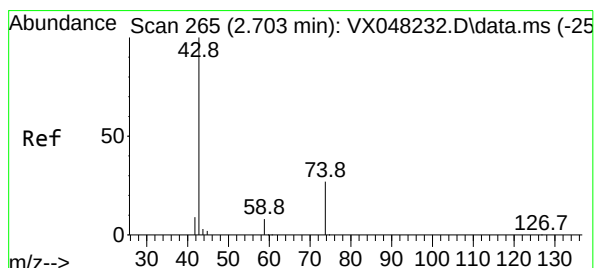
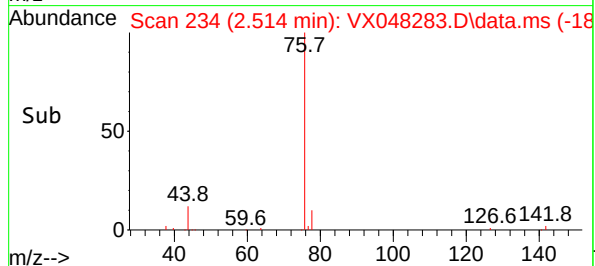
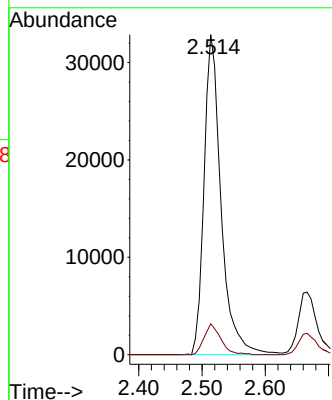
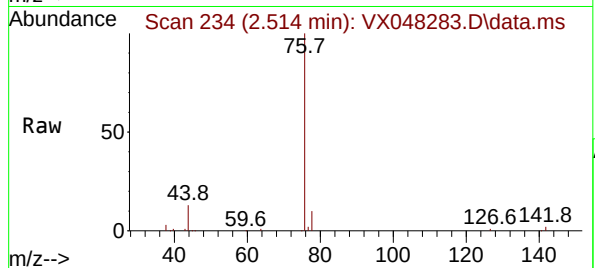
78 9.7 7.1 10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#18

Methyl Acetate

Concen: 16.900 ug/l

RT: 2.697 min Scan# 264

Delta R.T. -0.000 min

Lab File: VX048283.D

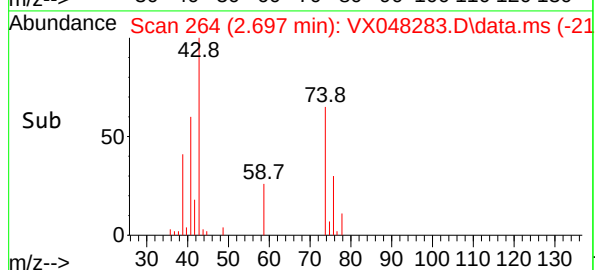
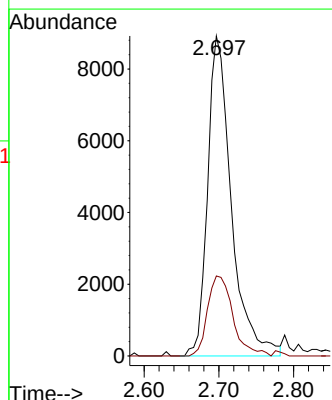
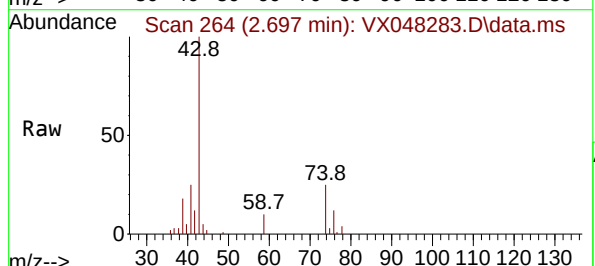
Acq: 22 Oct 2025 09:53

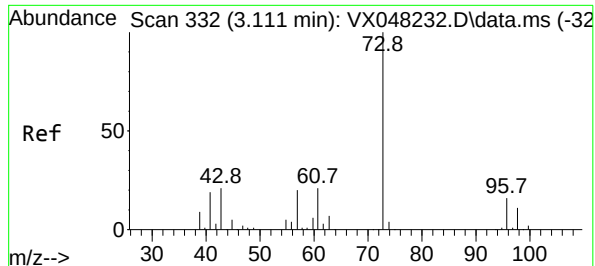
Tgt Ion: 43 Resp: 19682

Ion Ratio Lower Upper

43 100

74 26.6 17.5 26.3#





#19

Methyl tert-butyl Ether

Concen: 18.423 ug/l

RT: 3.105 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS01

Tgt Ion: 73 Resp: 76499

Ion Ratio Lower Upper

73 100

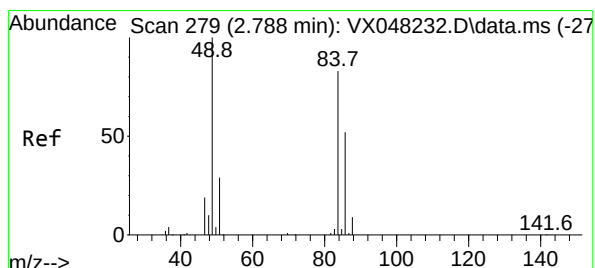
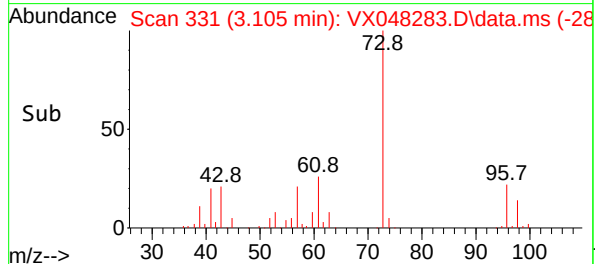
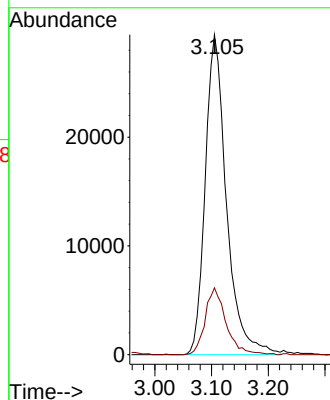
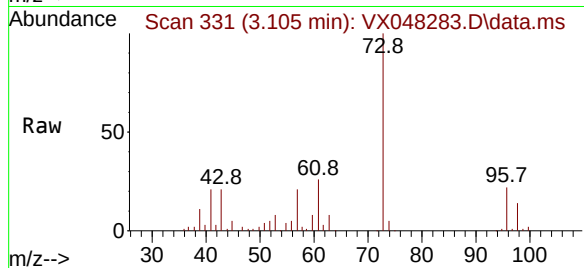
57 20.9 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#20

Methylene Chloride

Concen: 18.860 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

Tgt Ion: 84 Resp: 25627

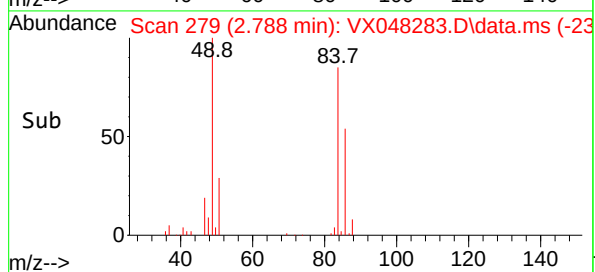
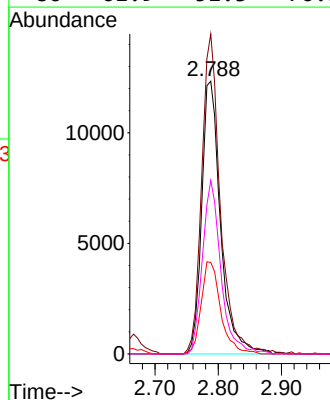
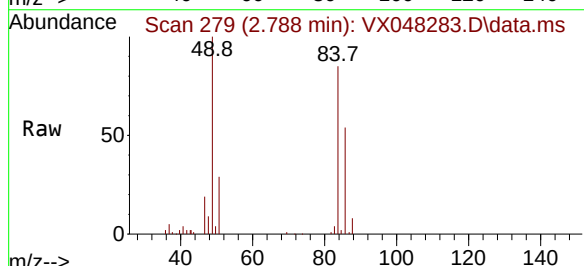
Ion Ratio Lower Upper

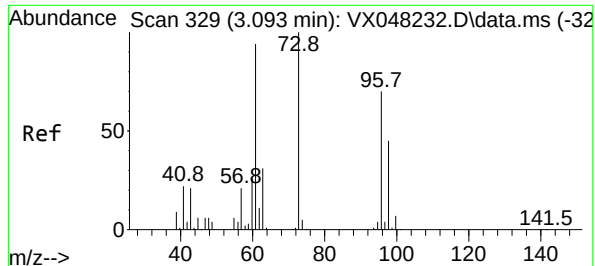
84 100

49 114.2 104.1 156.1

51 32.7 31.3 46.9

86 61.9 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 18.448 ug/l

RT: 3.087 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS01

Tgt Ion: 96 Resp: 2466

Ion Ratio Lower Upper

96 100

61 136.6 111.9 167.9

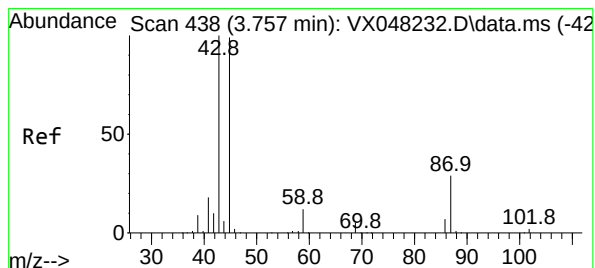
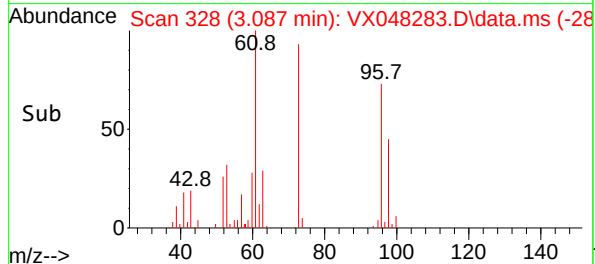
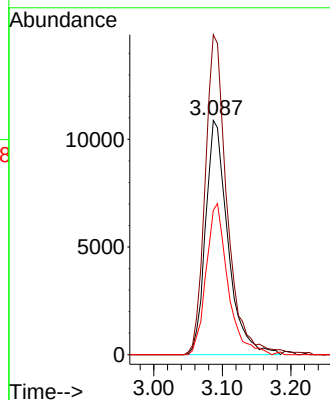
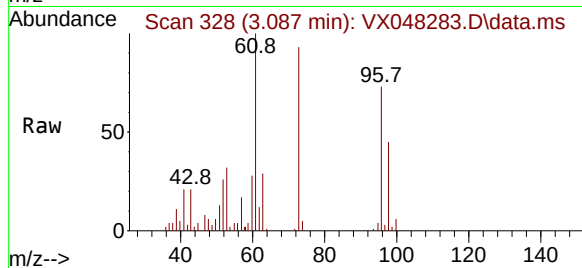
98 61.6 51.2 76.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#22

Diisopropyl ether

Concen: 18.413 ug/l

RT: 3.745 min Scan# 436

Delta R.T. -0.006 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

Tgt Ion: 45 Resp: 74217

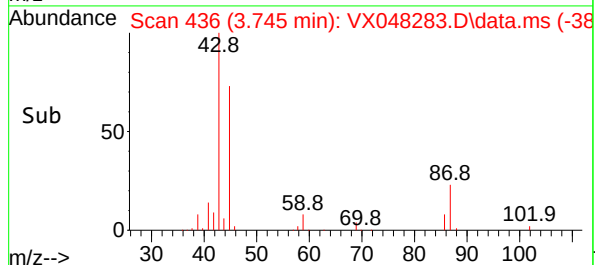
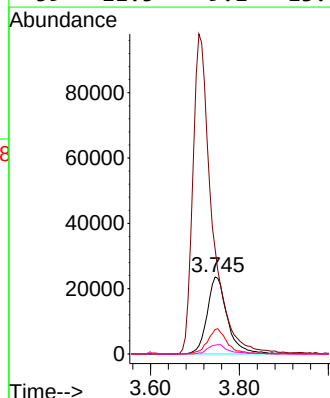
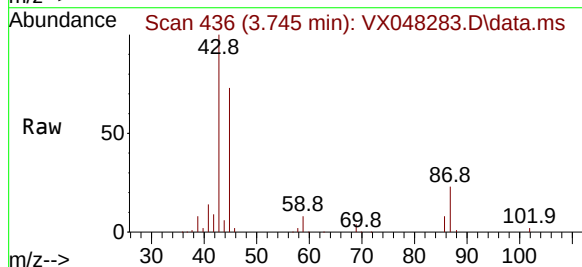
Ion Ratio Lower Upper

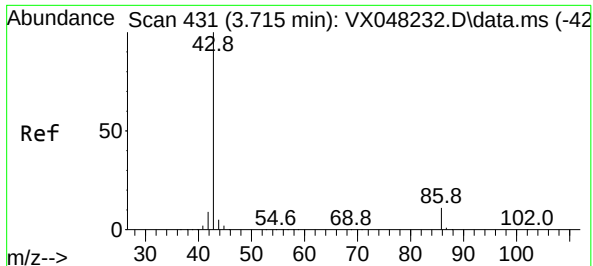
45 100

43 135.1 89.8 134.8#

87 31.9 20.6 31.0#

59 11.5 9.1 13.7





#23

Vinyl Acetate

Concen: 91.123 ug/l

RT: 3.709 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS01

Tgt Ion: 43 Resp: 29339

Ion Ratio Lower Upper

43

100

86

11.7

7.9

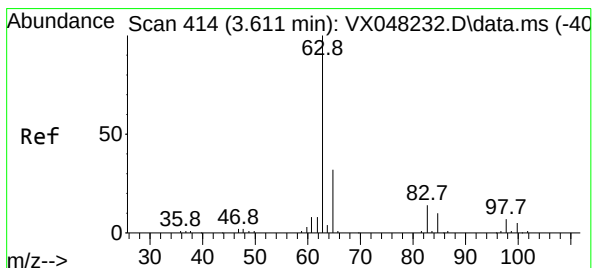
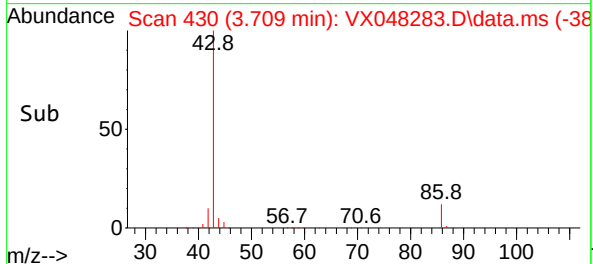
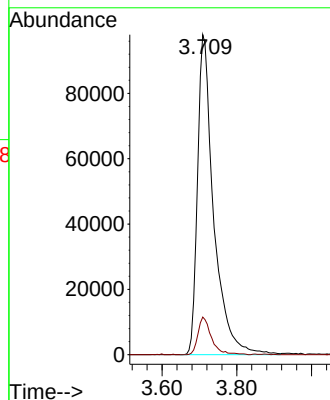
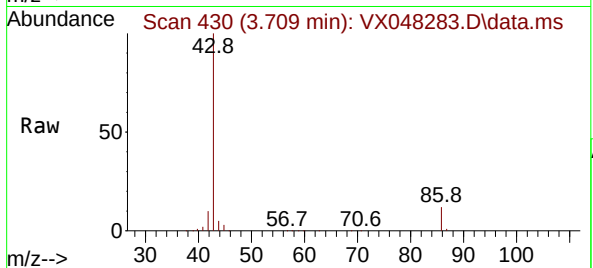
11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#24

1,1-Dichloroethane

Concen: 18.318 ug/l

RT: 3.605 min Scan# 413

Delta R.T. -0.000 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

Tgt Ion: 63 Resp: 44644

Ion Ratio Lower Upper

63

100

98

100

8.0

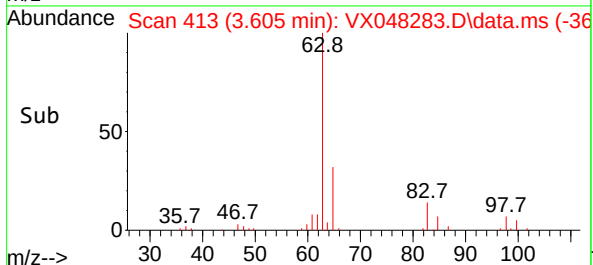
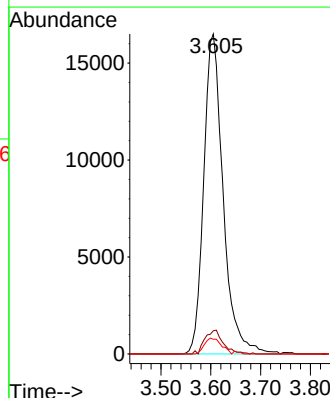
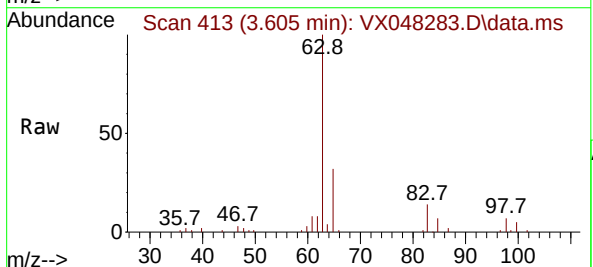
4.6

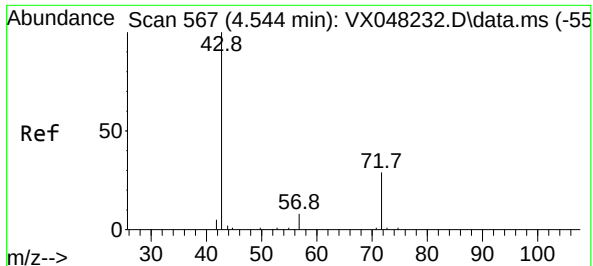
3.5

2.1

10.6

6.3





#25

2-Butanone

Concen: 88.741 ug/l

RT: 4.538 min Scan# 50

Delta R.T. -0.000 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS01

Tgt Ion: 43 Resp: 6263

Ion Ratio Lower Upper

43

100

72

28.1

19.9

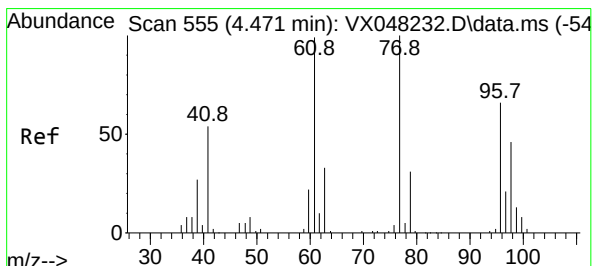
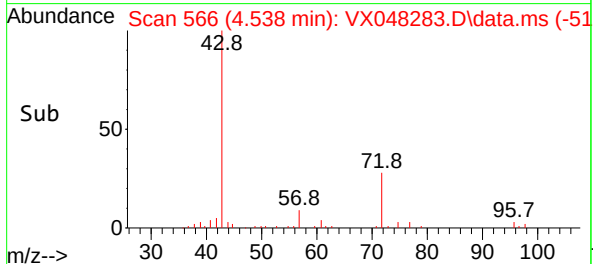
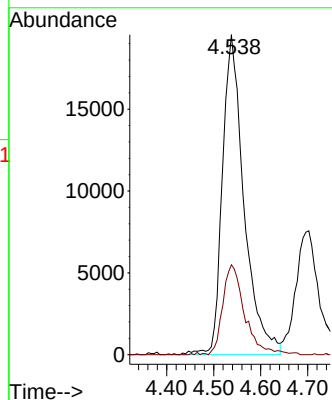
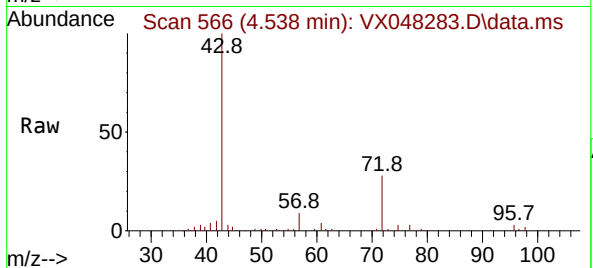
29.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#26

2,2-Dichloropropane

Concen: 19.169 ug/l

RT: 4.459 min Scan# 553

Delta R.T. -0.006 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

Tgt Ion: 77 Resp: 42168

Ion Ratio Lower Upper

77

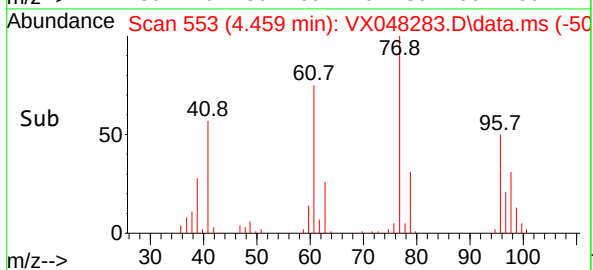
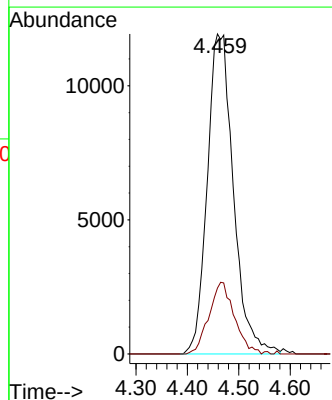
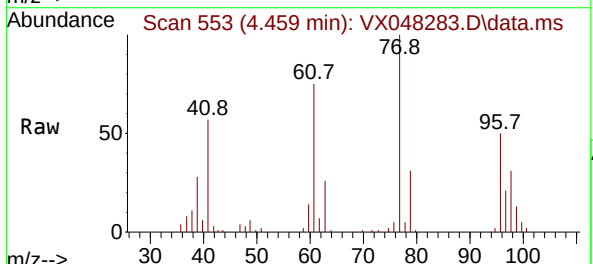
100

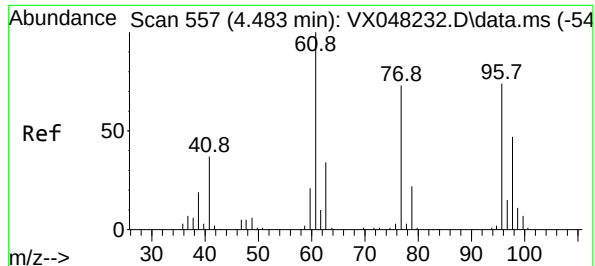
97

21.8

11.1

33.3





#27

cis-1,2-Dichloroethene

Concen: 18.855 ug/l

RT: 4.477 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS01

Tgt Ion: 96 Resp: 2942

Ion Ratio Lower Upper

96 100

61 142.1 0.0 294.2

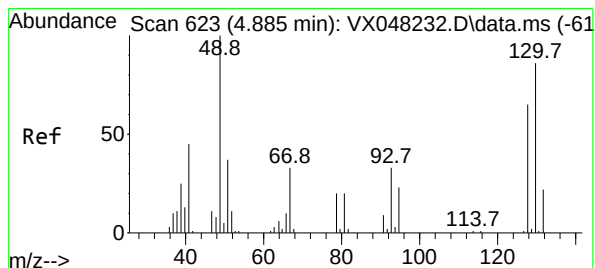
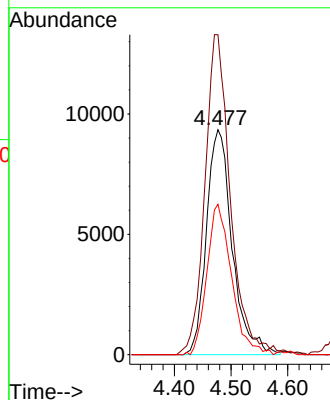
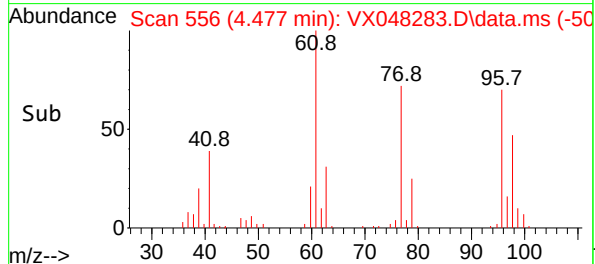
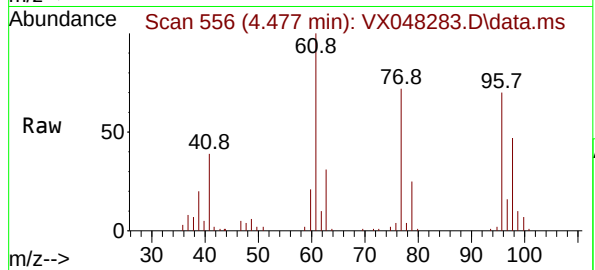
98 64.0 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#28

Bromochloromethane

Concen: 17.914 ug/l

RT: 4.885 min Scan# 623

Delta R.T. -0.000 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

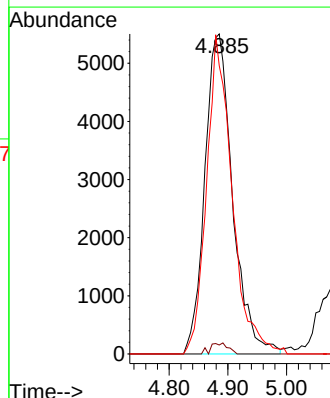
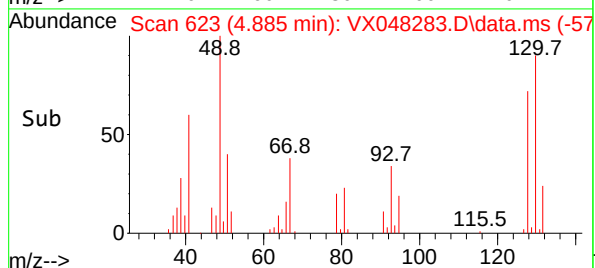
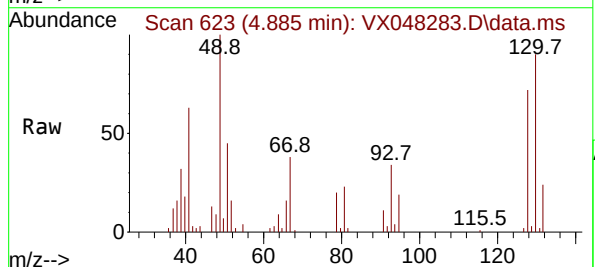
Tgt Ion: 49 Resp: 18103

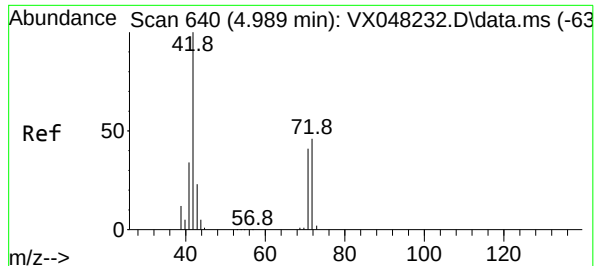
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

130 91.4 59.3 88.9#





#29

Tetrahydrofuran

Concen: 84.647 ug/l

RT: 4.983 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS01

Tgt Ion: 42 Resp: 3578

Ion Ratio Lower Upper

42 100

72 50.3 35.3 52.9

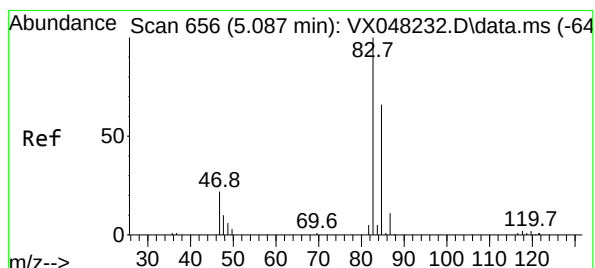
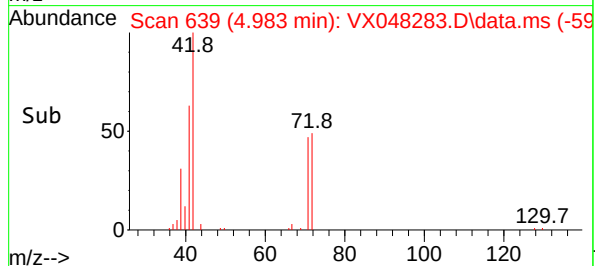
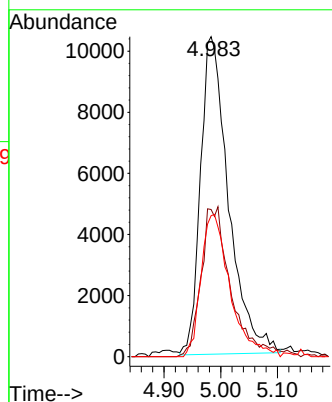
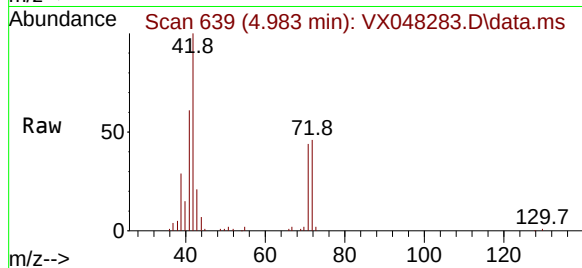
71 46.3 32.2 48.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#30

Chloroform

Concen: 19.388 ug/l

RT: 5.074 min Scan# 654

Delta R.T. -0.006 min

Lab File: VX048283.D

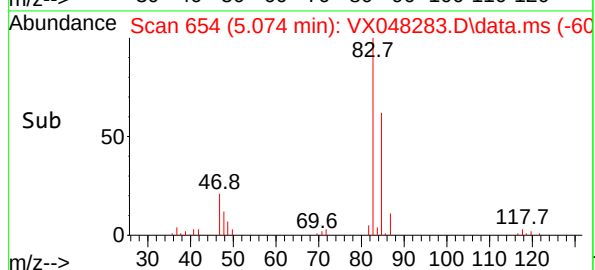
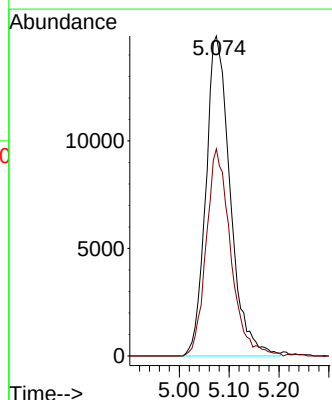
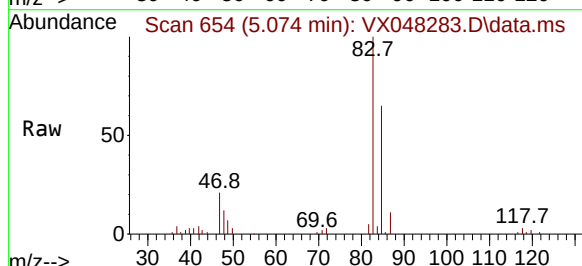
Acq: 22 Oct 2025 09:53

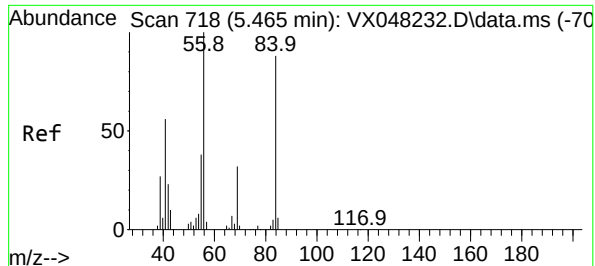
Tgt Ion: 83 Resp: 50484

Ion Ratio Lower Upper

83 100

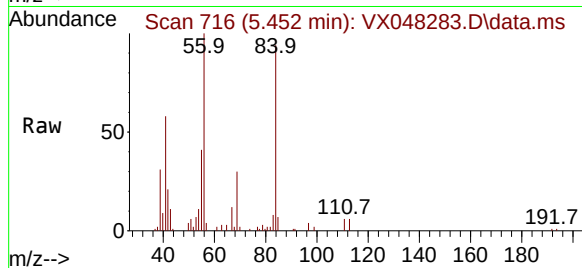
85 65.9 50.1 75.1





#31
Cyclohexane
Concen: 17.875 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

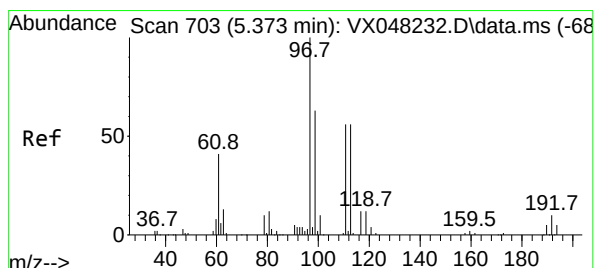
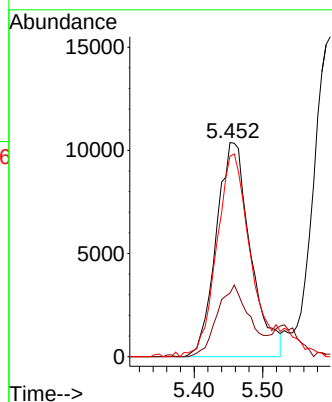
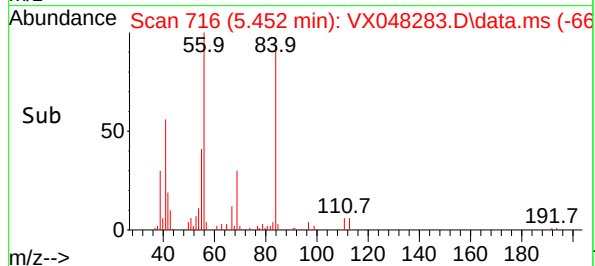
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01



Tgt Ion: 56 Resp: 3606
Ion Ratio Lower Upper
56 100
69 29.7 23.0 34.6
84 93.6 64.6 97.0

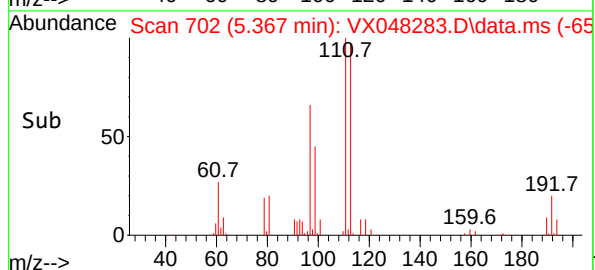
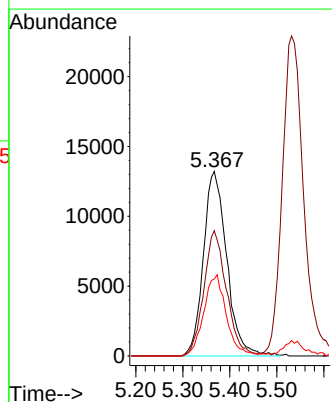
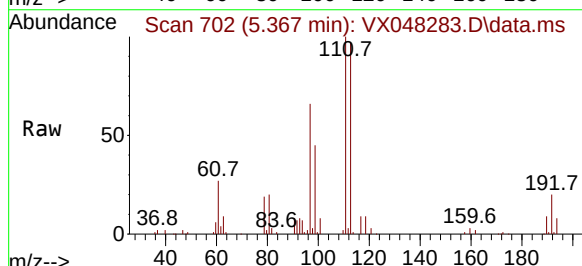
Manual Integrations
APPROVED

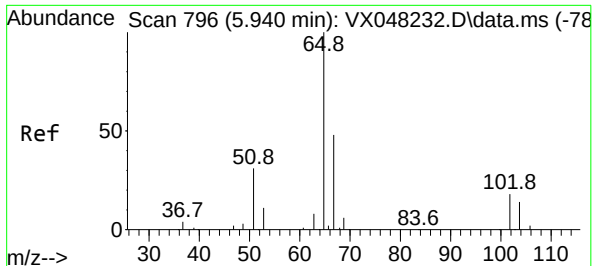
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#32
1,1,1-Trichloroethane
Concen: 19.005 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 97 Resp: 45607
Ion Ratio Lower Upper
97 100
99 65.9 51.7 77.5
61 42.3 34.8 52.2





#33

1,2-Dichloroethane-d4

Concen: 50.182 ug/l

RT: 5.934 min Scan# 795

Delta R.T. -0.006 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS01

Tgt Ion: 65 Resp: 81572

Ion Ratio Lower Upper

65 100

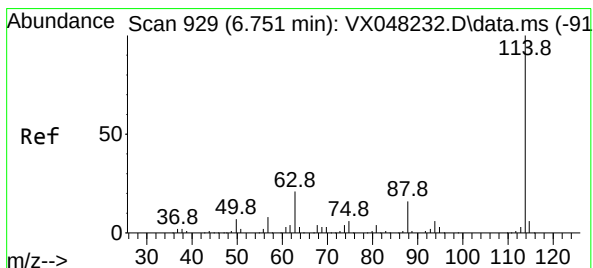
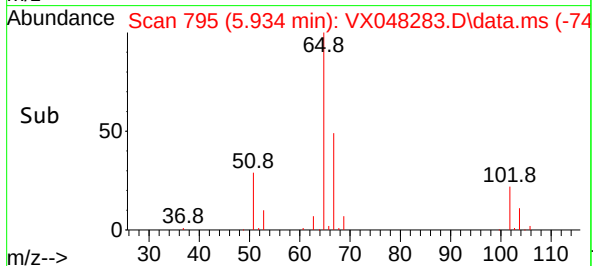
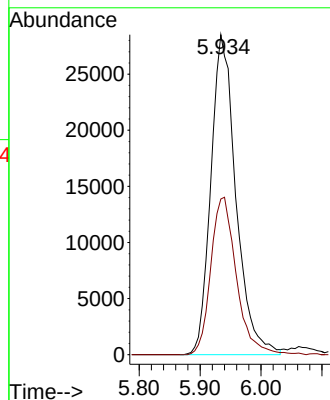
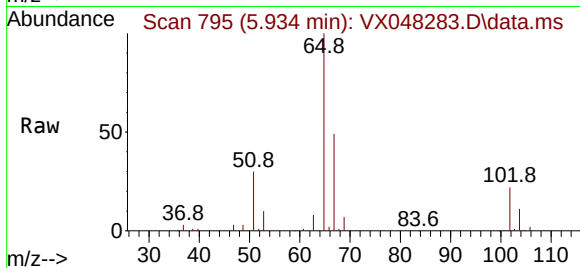
67 50.3 0.0 105.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

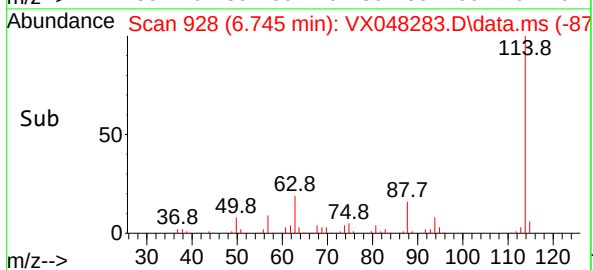
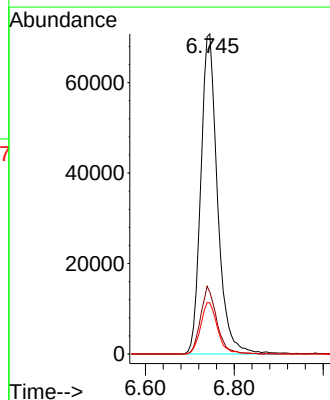
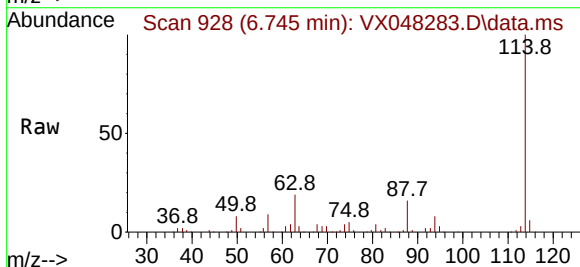
Tgt Ion:114 Resp: 185153

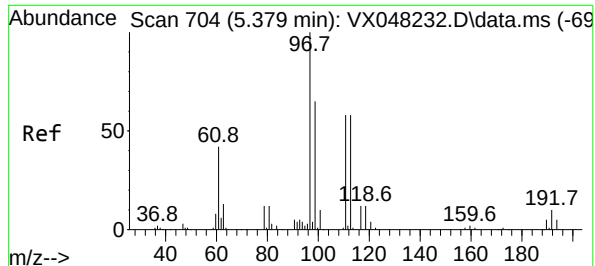
Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.2

88 16.0 0.0 33.6





#35

Dibromofluoromethane

Concen: 50.934 ug/l

RT: 5.373 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS01

Tgt Ion:113 Resp: 6438

Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.4

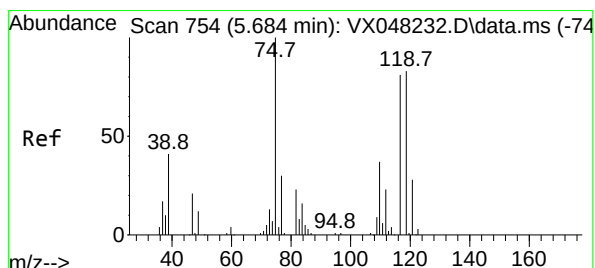
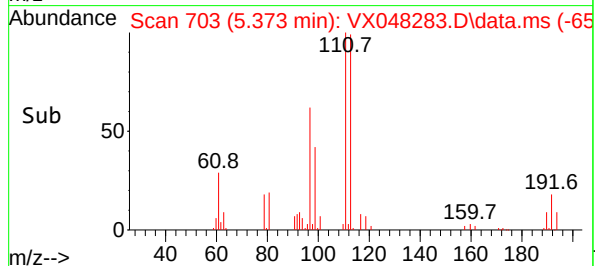
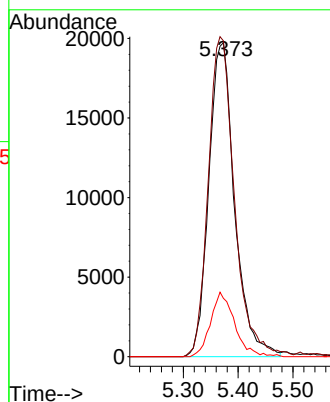
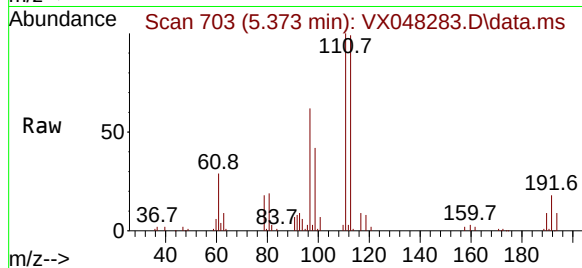
192 19.3 15.1 22.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#36

1,1-Dichloropropene

Concen: 18.304 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.006 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

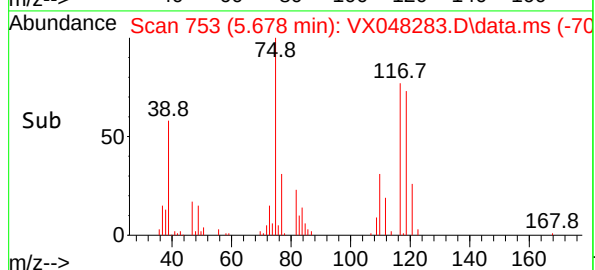
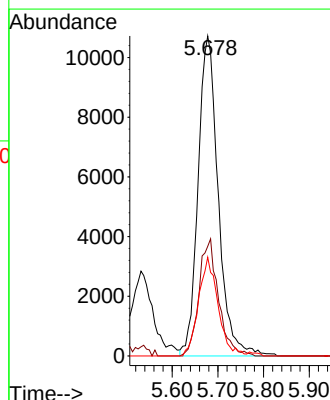
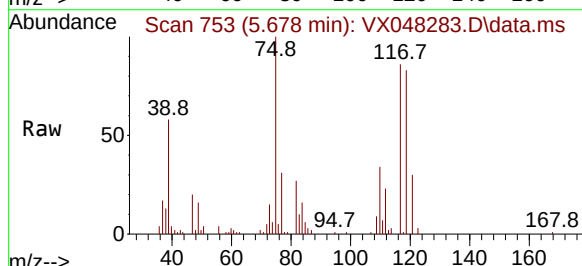
Tgt Ion: 75 Resp: 32884

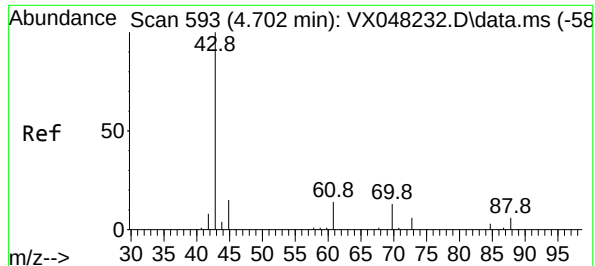
Ion Ratio Lower Upper

75 100

110 35.3 17.7 53.1

77 29.7 24.3 36.5





#37

Ethyl Acetate

Concen: 17.321 ug/l

RT: 4.702 min Scan# 593

Delta R.T. 0.006 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS01

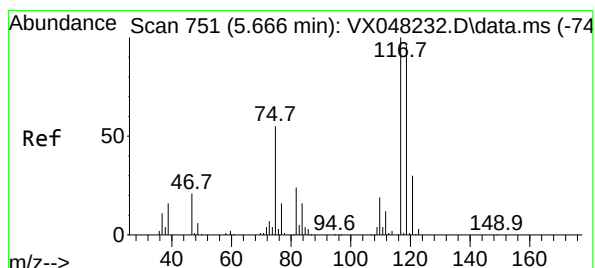
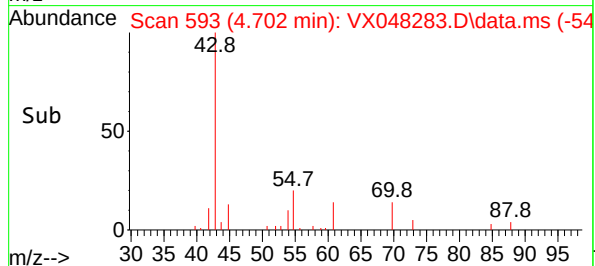
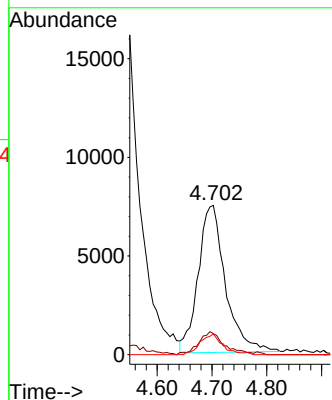
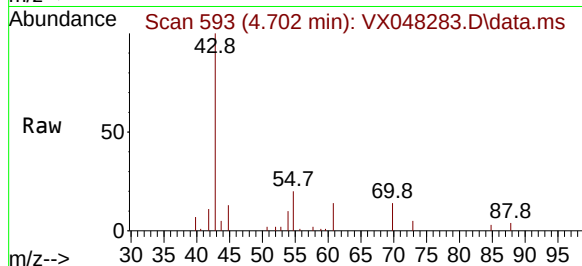
Tgt Ion:	43	Resp:	2579
Ion	Ratio	Lower	Upper
43	100		
61	14.5	10.6	15.8
70	11.6	7.8	11.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#38

Carbon Tetrachloride

Concen: 18.866 ug/l

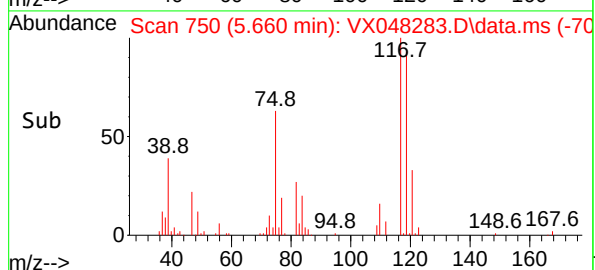
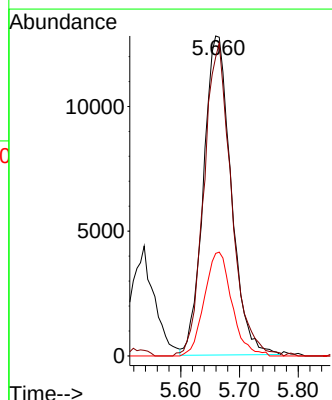
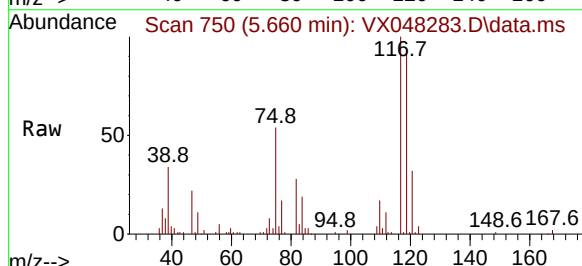
RT: 5.660 min Scan# 750

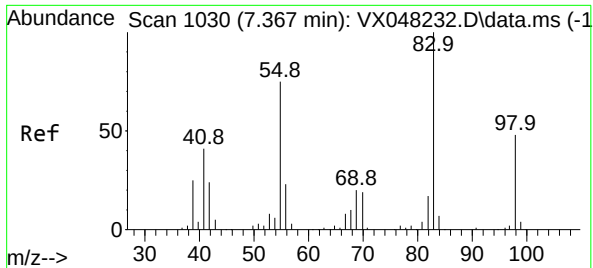
Delta R.T. -0.006 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

Tgt Ion:	117	Resp:	41818
Ion	Ratio	Lower	Upper
117	100		
119	93.0	77.2	115.8
121	32.2	24.8	37.2





#39

Methylcyclohexane

Concen: 17.896 ug/l

RT: 7.367 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS01

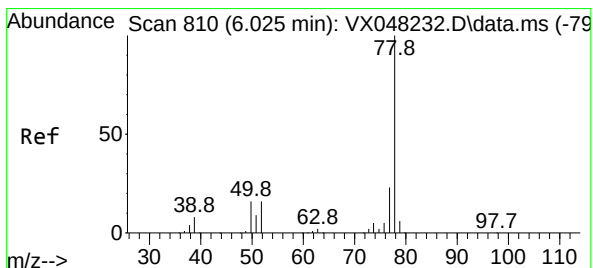
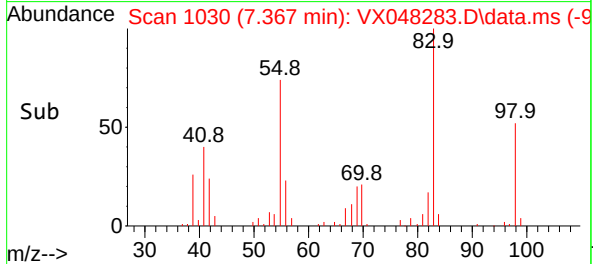
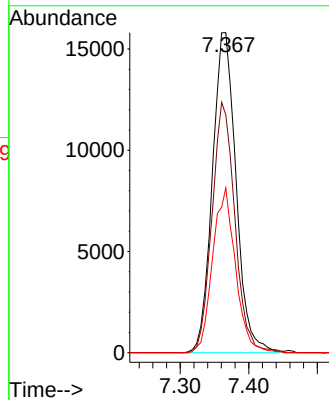
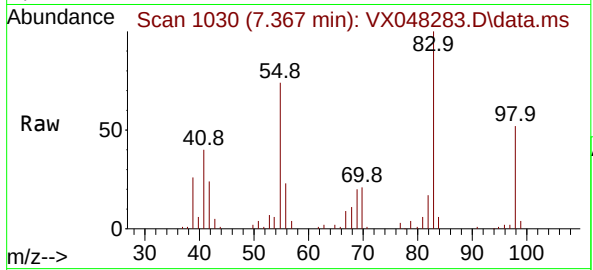
Tgt Ion:	83	Resp:	3797
Ion	Ratio	Lower	Upper
83	100		
55	74.3	66.2	99.2
98	51.5	38.9	58.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#40

Benzene

Concen: 18.922 ug/l

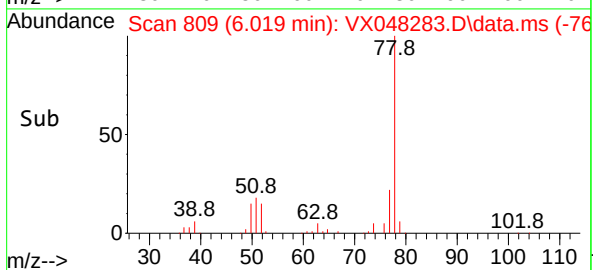
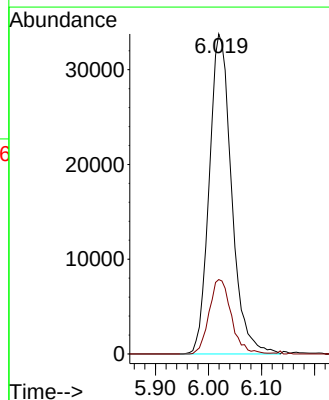
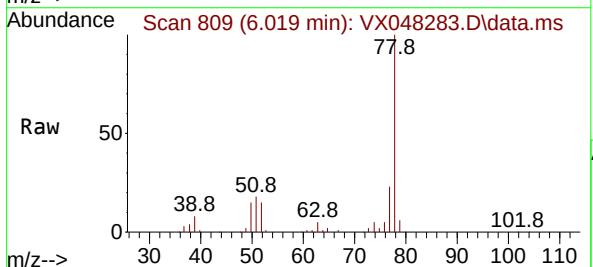
RT: 6.019 min Scan# 809

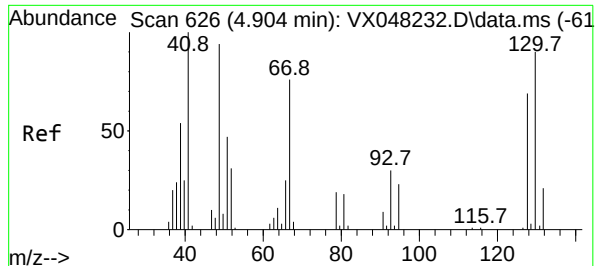
Delta R.T. -0.006 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

Tgt Ion:	78	Resp:	98700
Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.3	28.9





#41

Methacrylonitrile

Concen: 17.443 ug/l

RT: 4.904 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS01

Tgt Ion: 41 Resp: 1364

Ion Ratio Lower Upper

41 100

39 59.4 44.0 66.0

67 76.5 58.7 88.1

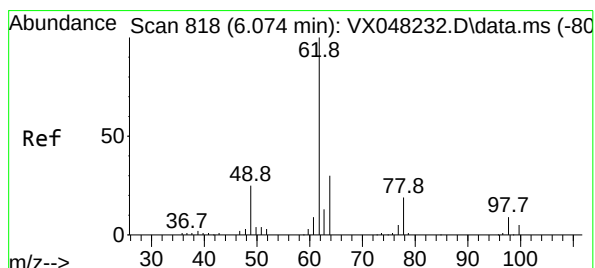
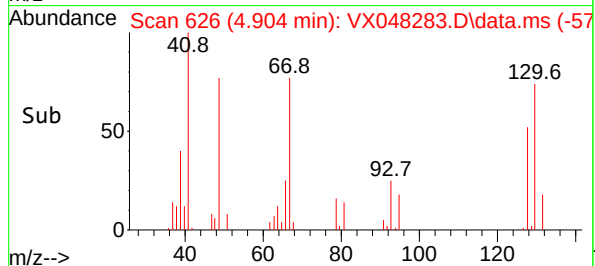
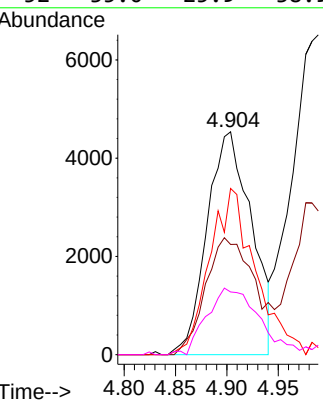
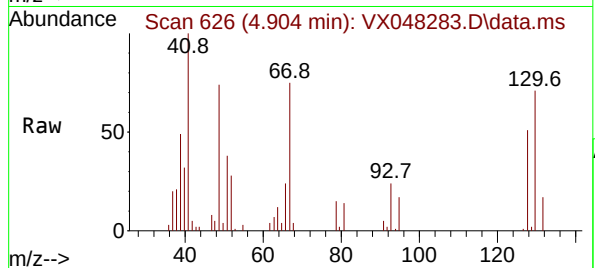
52 35.0 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#42

1,2-Dichloroethane

Concen: 20.367 ug/l

RT: 6.068 min Scan# 817

Delta R.T. -0.000 min

Lab File: VX048283.D

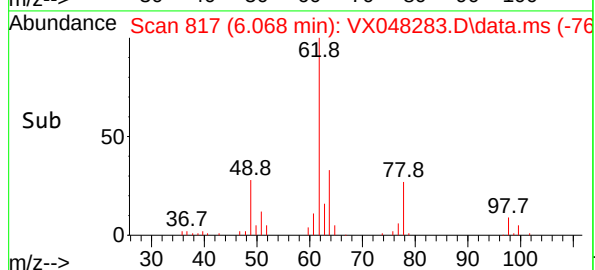
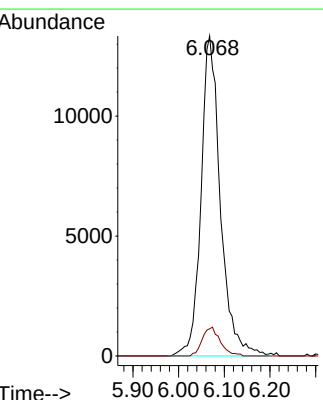
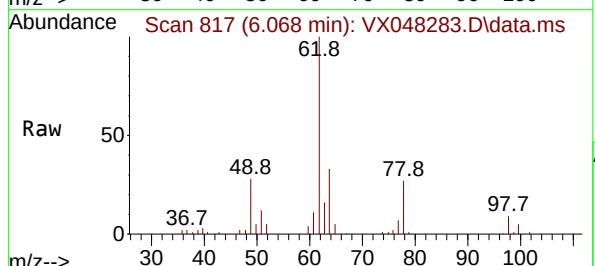
Acq: 22 Oct 2025 09:53

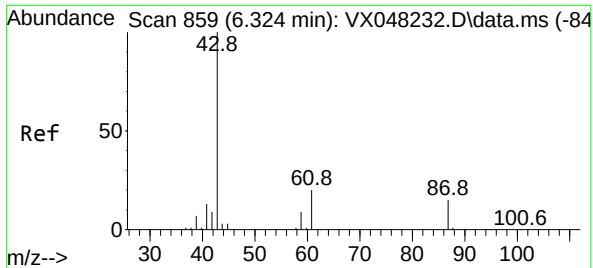
Tgt Ion: 62 Resp: 39202

Ion Ratio Lower Upper

62 100

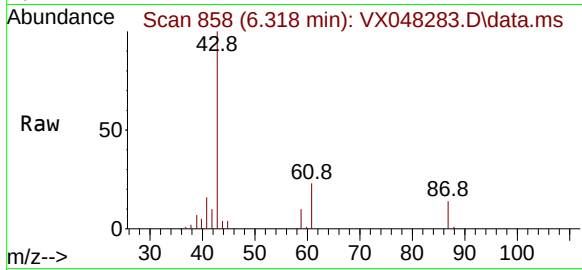
98 8.4 0.0 17.2





#43
Isopropyl Acetate
Concen: 17.936 ug/l
RT: 6.318 min Scan# 858
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

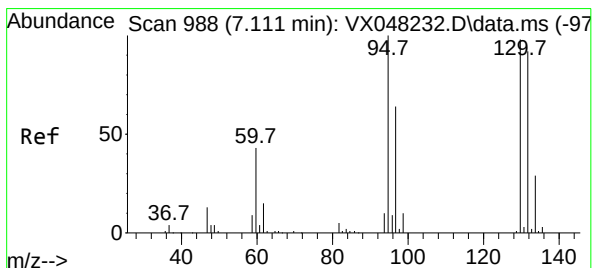
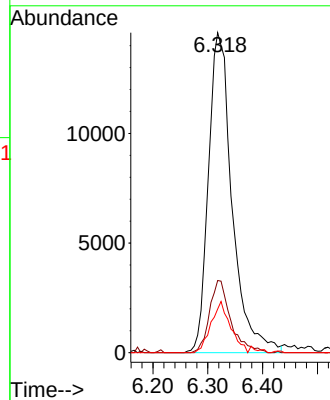
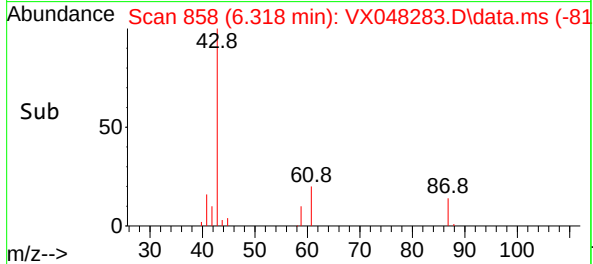
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01



Tgt Ion: 43 Resp: 4387
Ion Ratio Lower Upper
43 100
61 20.1 14.9 22.3
87 13.1 9.4 14.2

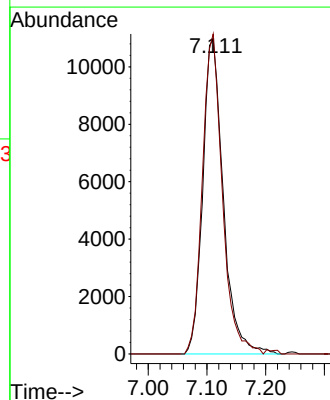
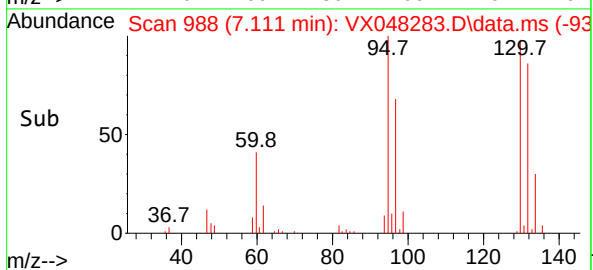
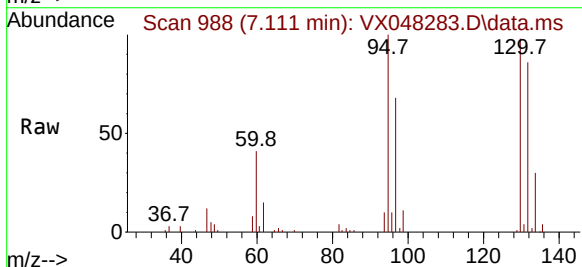
Manual Integrations
APPROVED

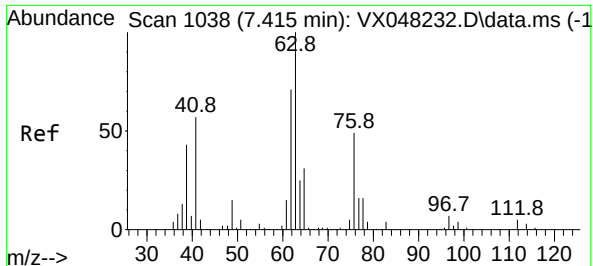
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#44
Trichloroethene
Concen: 19.325 ug/l
RT: 7.111 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:130 Resp: 26617
Ion Ratio Lower Upper
130 100
95 101.7 0.0 200.6





#45

1,2-Dichloropropane

Concen: 19.022 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS01

Tgt Ion: 63 Resp: 23590

Ion Ratio Lower Upper

63 100

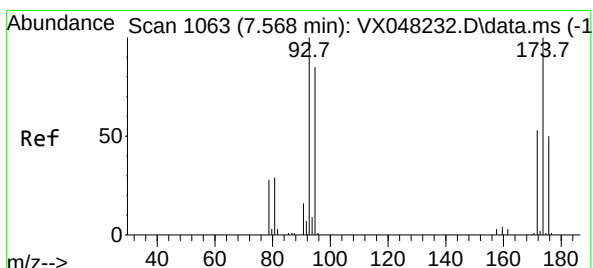
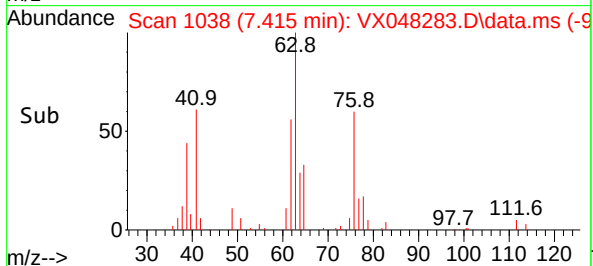
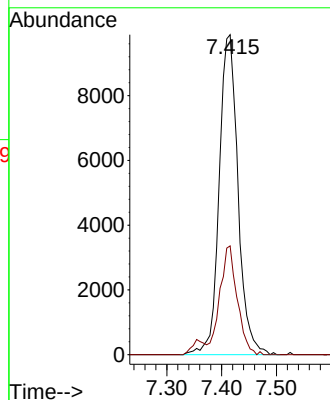
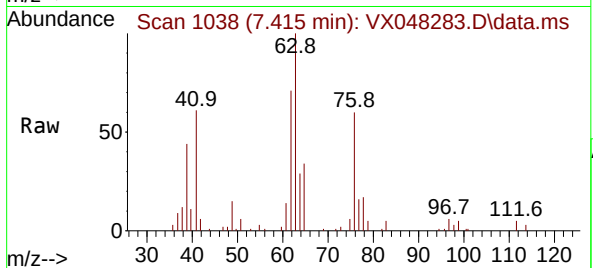
65 34.0 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#46

Dibromomethane

Concen: 19.074 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

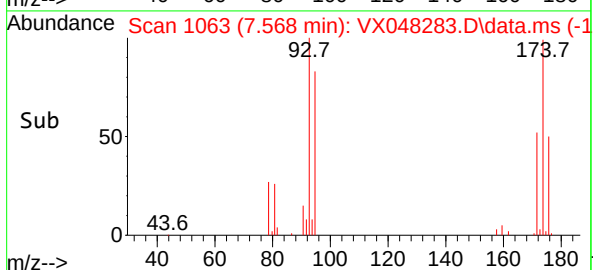
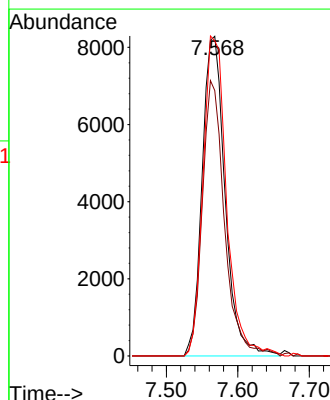
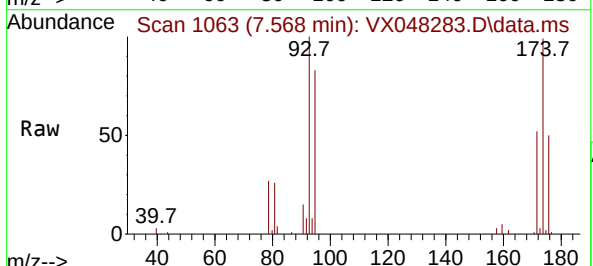
Tgt Ion: 93 Resp: 18429

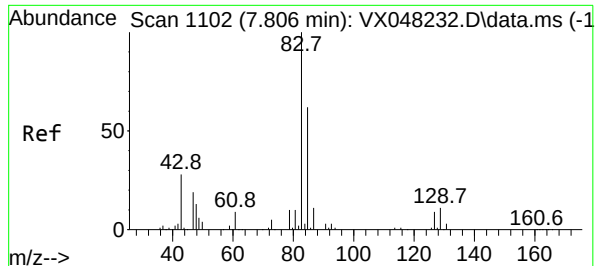
Ion Ratio Lower Upper

93 100

95 83.1 65.9 98.9

174 102.9 71.7 107.5





#47

Bromodichloromethane

Concen: 19.417 ug/l

RT: 7.799 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS01

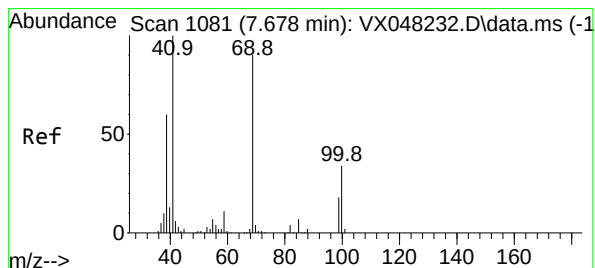
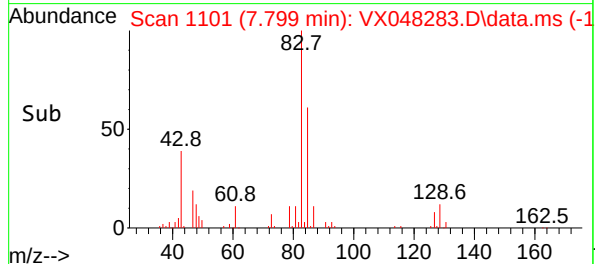
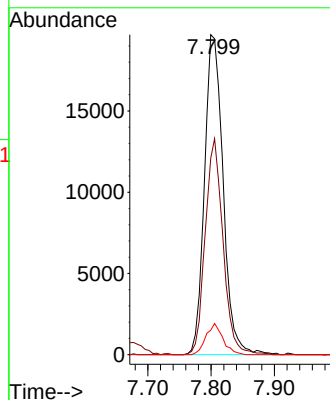
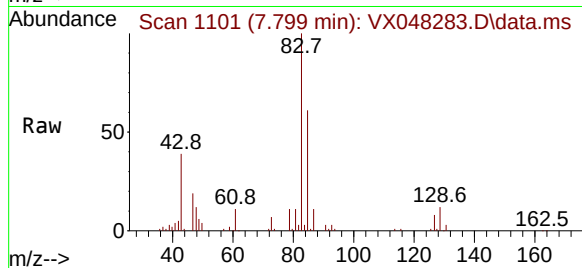
Tgt Ion:	83	Resp:	4050
Ion	Ratio	Lower	Upper
83	100		
85	61.4	52.2	78.4
127	8.4	7.3	10.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#48

Methyl methacrylate

Concen: 17.627 ug/l

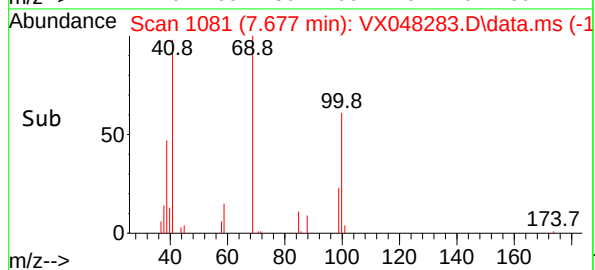
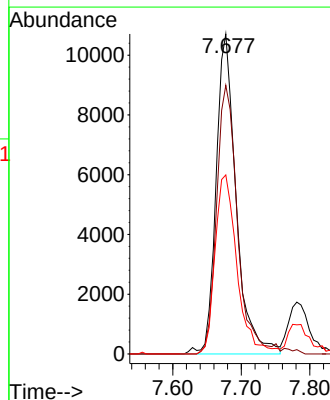
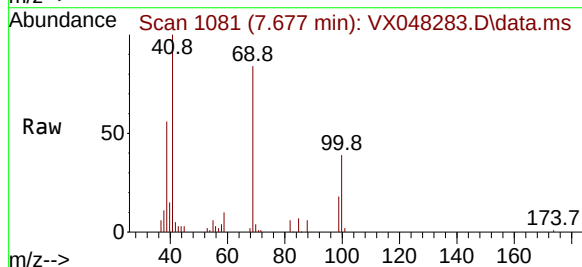
RT: 7.677 min Scan# 1081

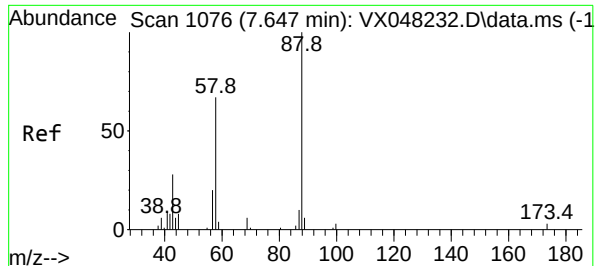
Delta R.T. -0.000 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

Tgt Ion:	41	Resp:	21757
Ion	Ratio	Lower	Upper
41	100		
69	88.1	63.4	95.0
39	60.7	47.1	70.7





#49

1,4-Dioxane

Concen: 355.001 ug/l

RT: 7.641 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS01

Tgt Ion: 88 Resp: 5789

Ion Ratio Lower Upper

88 100

43 36.7 35.0 52.4

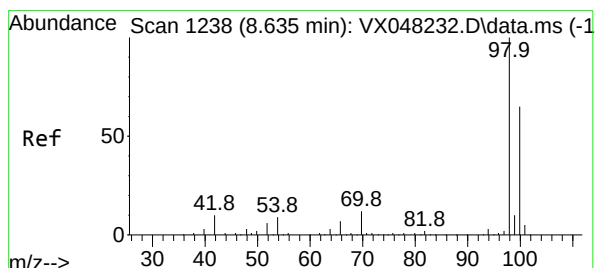
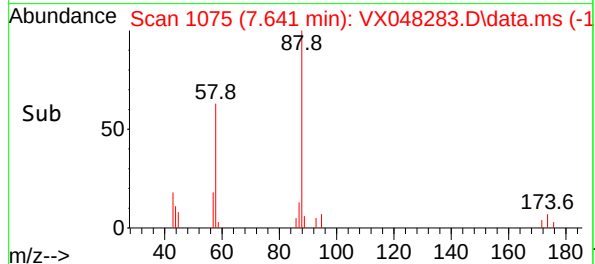
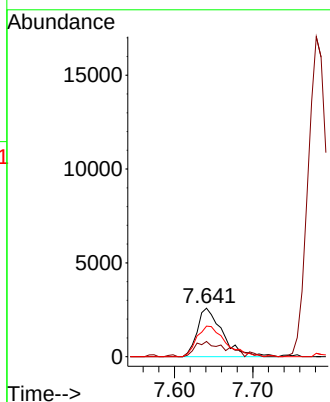
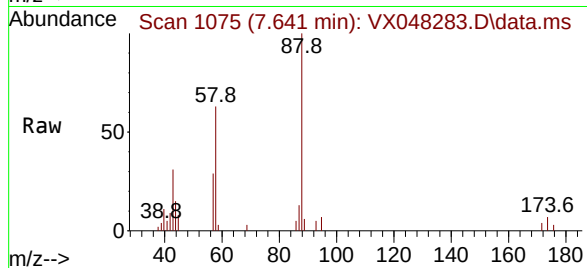
58 71.1 61.9 92.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#50

Toluene-d8

Concen: 50.743 ug/l

RT: 8.629 min Scan# 1237

Delta R.T. -0.006 min

Lab File: VX048283.D

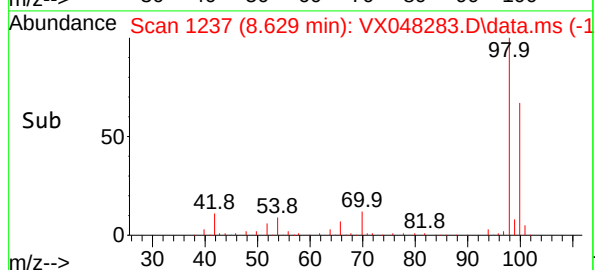
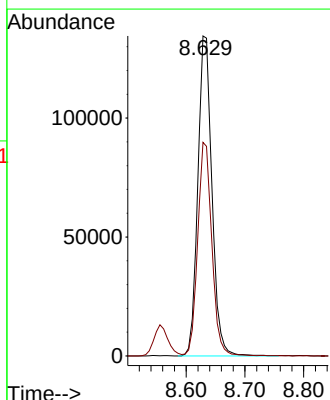
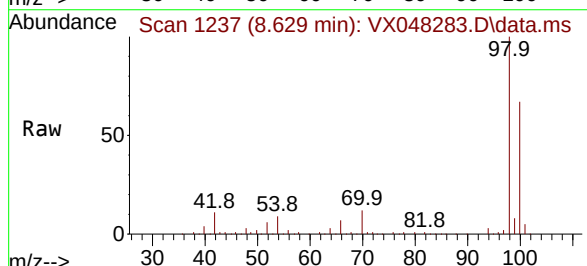
Acq: 22 Oct 2025 09:53

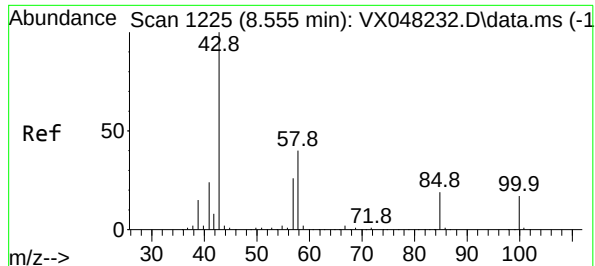
Tgt Ion: 98 Resp: 224820

Ion Ratio Lower Upper

98 100

100 67.1 53.0 79.4





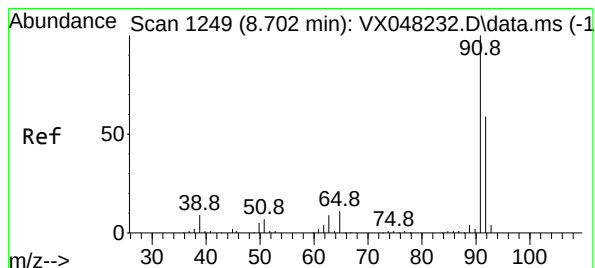
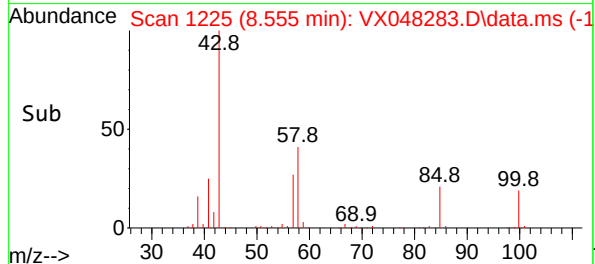
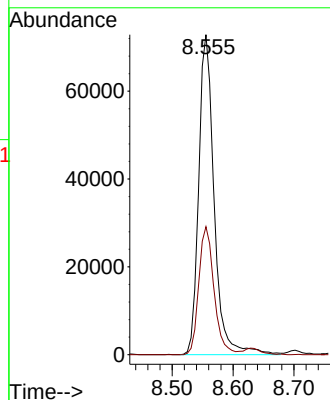
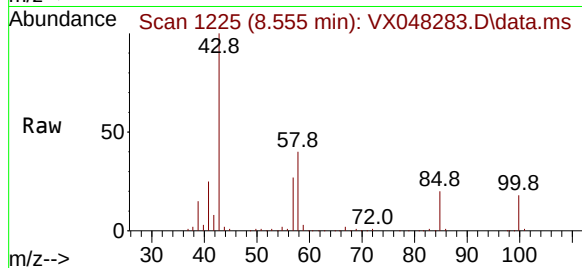
#51
4-Methyl-2-Pentanone
Concen: 91.119 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

Tgt Ion: 43 Resp: 128509
Ion Ratio Lower Upper
43 100
58 39.4 29.5 44.3

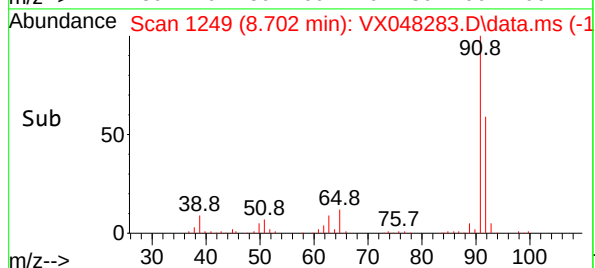
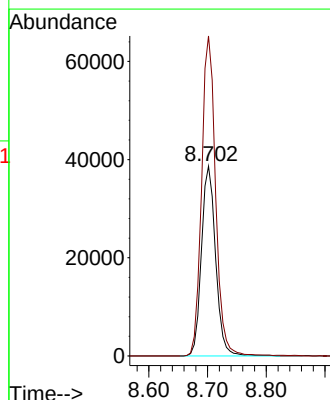
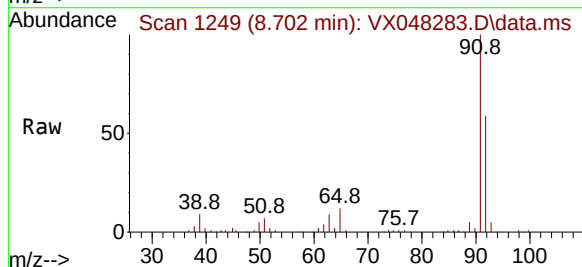
Manual Integrations
APPROVED

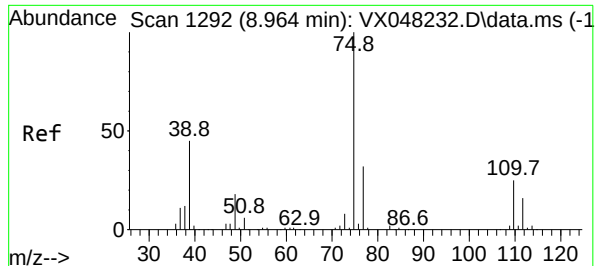
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#52
Toluene
Concen: 19.569 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 92 Resp: 64846
Ion Ratio Lower Upper
92 100
91 167.4 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 19.575 ug/l

RT: 8.964 min Scan# 1191

Delta R.T. -0.000 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS01

Tgt Ion: 75 Resp: 39352

Ion Ratio Lower Upper

75 100

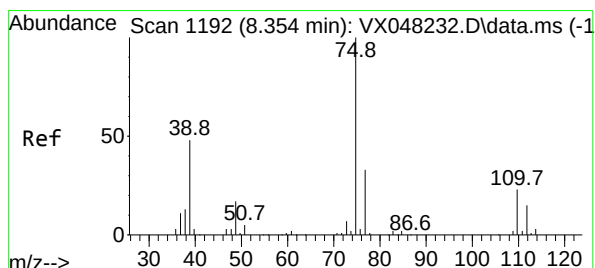
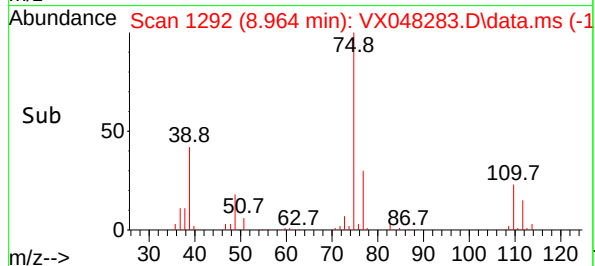
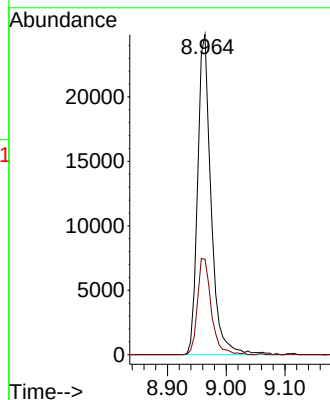
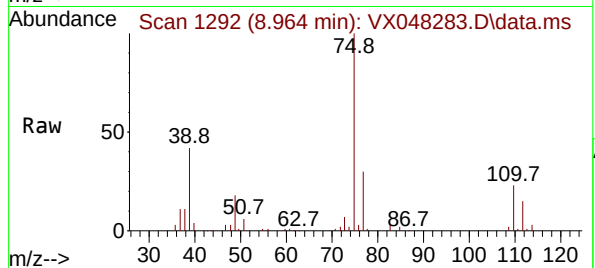
77 29.8 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#54

cis-1,3-Dichloropropene

Concen: 19.183 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. -0.000 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

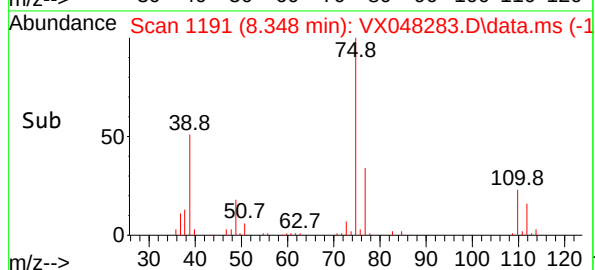
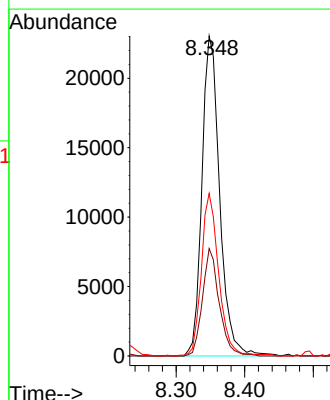
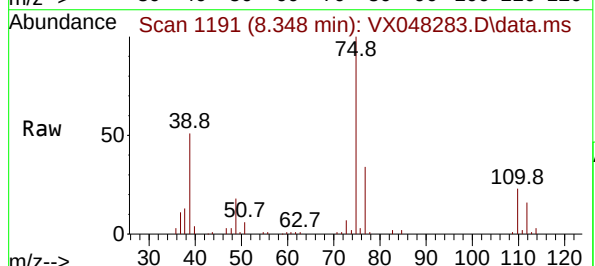
Tgt Ion: 75 Resp: 41608

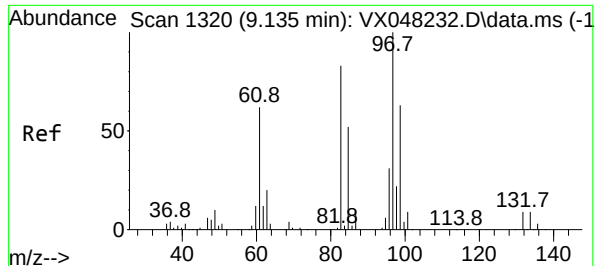
Ion Ratio Lower Upper

75 100

77 33.5 24.9 37.3

39 49.1 42.6 64.0





#55

1,1,2-Trichloroethane

Concen: 19.667 ug/l

RT: 9.135 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS01

Tgt Ion: 97 Resp: 24230

Ion Ratio Lower Upper

97 100

83 84.3 70.6 105.8

85 54.4 45.0 67.6

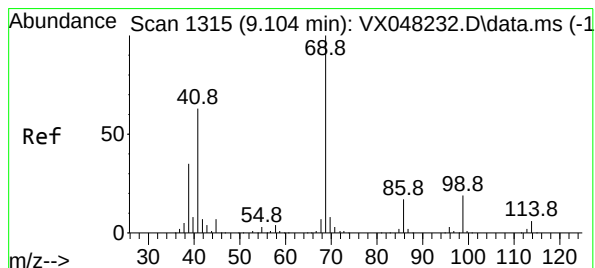
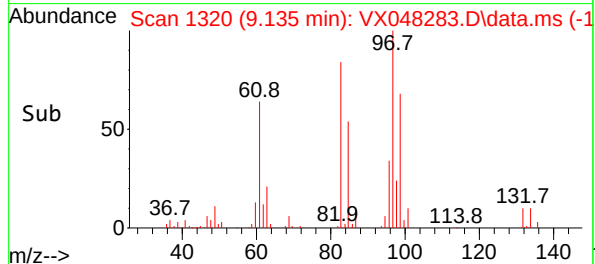
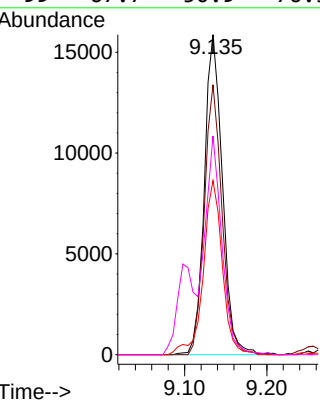
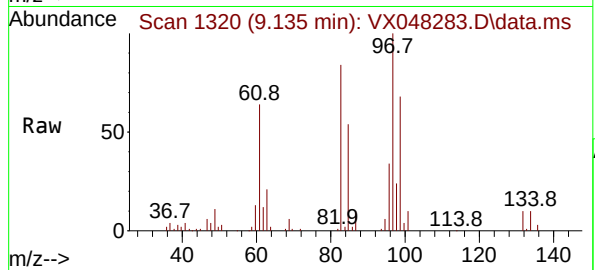
99 67.7 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#56

Ethyl methacrylate

Concen: 17.941 ug/l

RT: 9.098 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

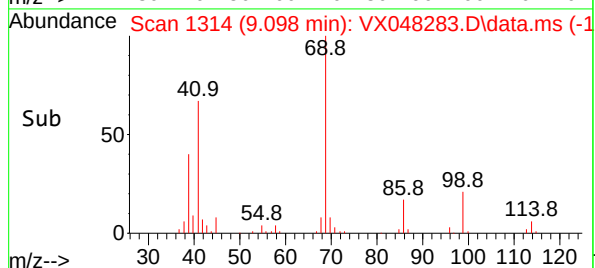
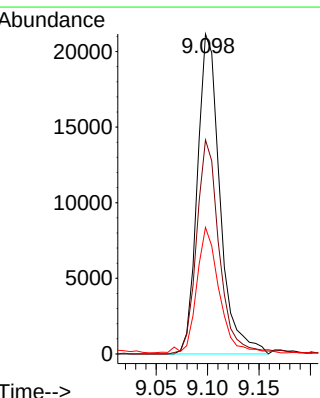
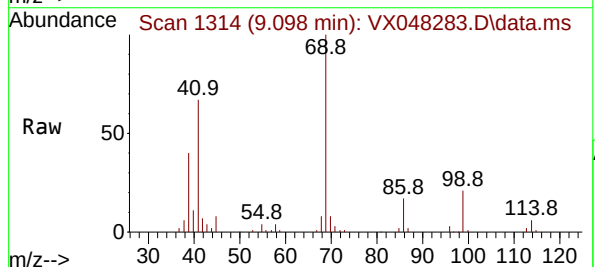
Tgt Ion: 69 Resp: 32337

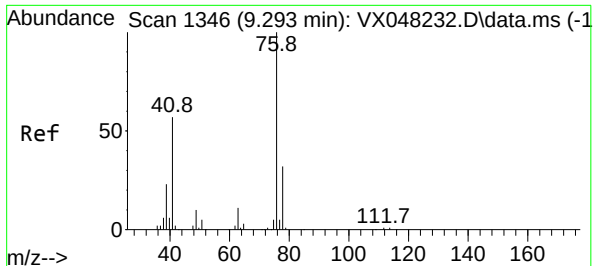
Ion Ratio Lower Upper

69 100

41 68.0 56.0 84.0

39 39.3 31.6 47.4





#57

1,3-Dichloropropane

Concen: 19.378 ug/l

RT: 9.293 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS01

Tgt Ion: 76 Resp: 40790

Ion Ratio Lower Upper

76 100

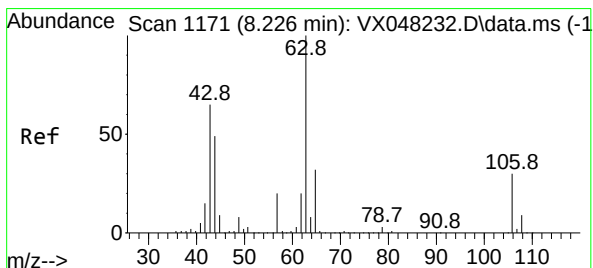
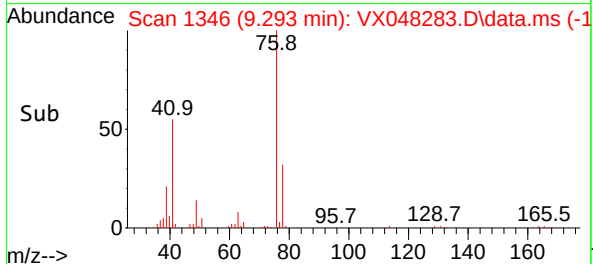
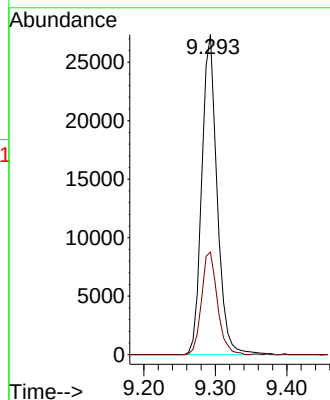
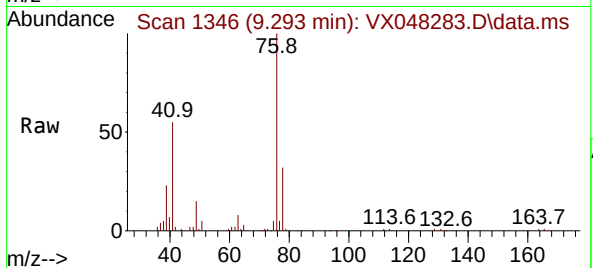
78 33.1 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#58

2-Chloroethyl Vinyl ether

Concen: 86.039 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX048283.D

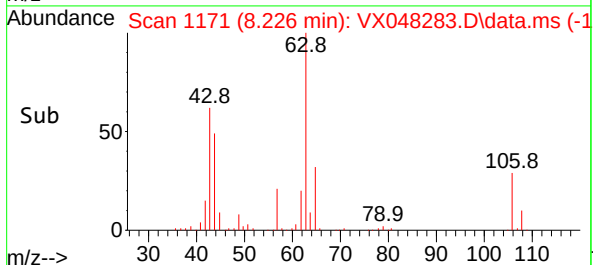
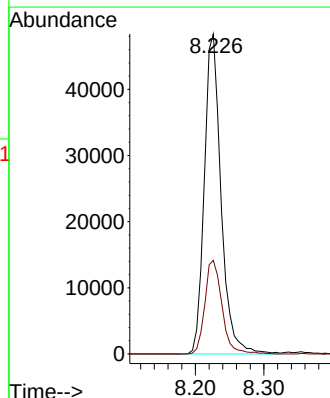
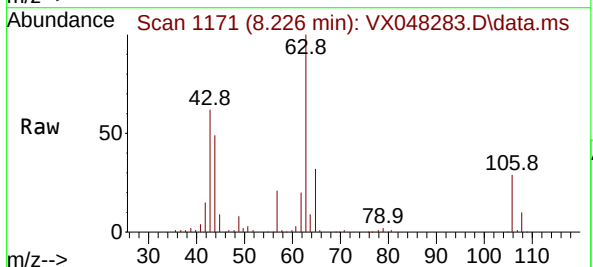
Acq: 22 Oct 2025 09:53

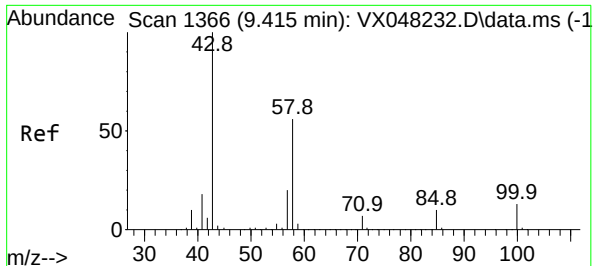
Tgt Ion: 63 Resp: 82301

Ion Ratio Lower Upper

63 100

106 29.9 22.2 33.2





#59

2-Hexanone

Concen: 92.750 ug/l

RT: 9.415 min Scan# 1366

Delta R.T. -0.000 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS01

Tgt Ion: 43 Resp: 9121

Ion Ratio Lower Upper

43

100

58

55.8

26.3

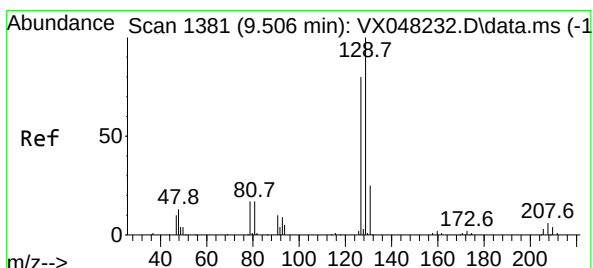
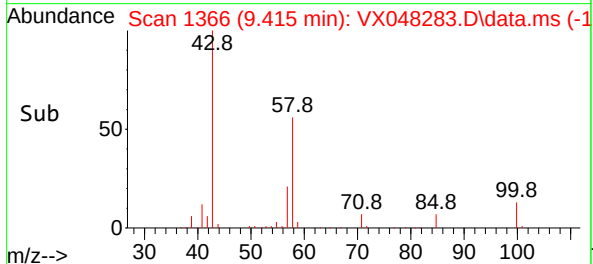
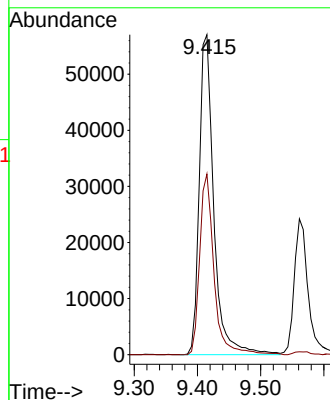
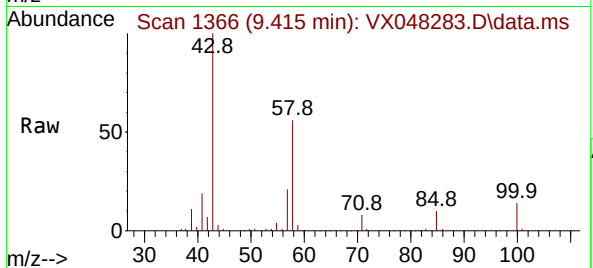
78.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#60

Dibromochloromethane

Concen: 19.391 ug/l

RT: 9.500 min Scan# 1380

Delta R.T. -0.006 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

Tgt Ion:129 Resp: 32118

Ion Ratio Lower Upper

129

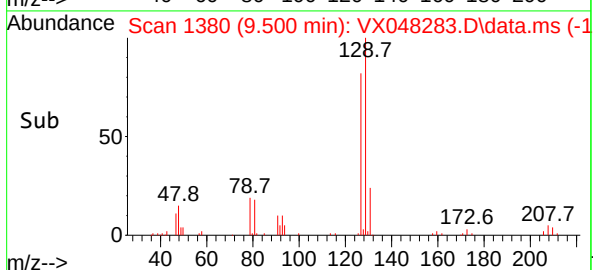
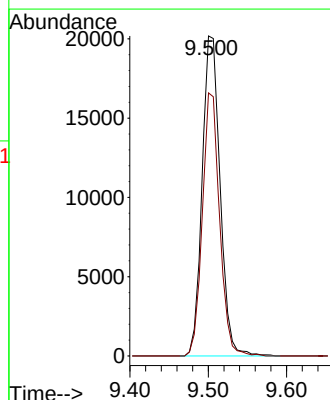
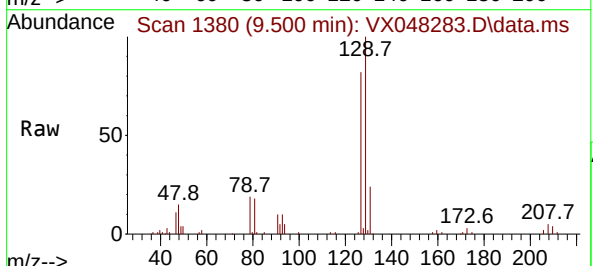
100

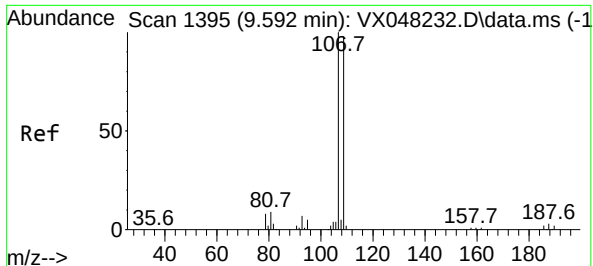
127

78.9

38.6

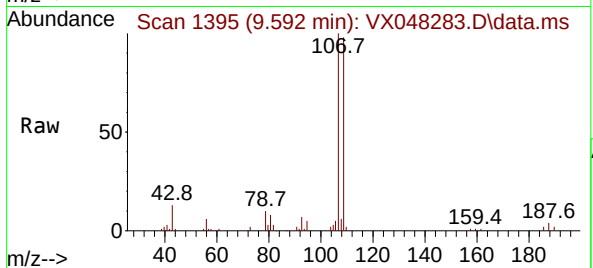
115.7





#61
1,2-Dibromoethane
Concen: 19.461 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

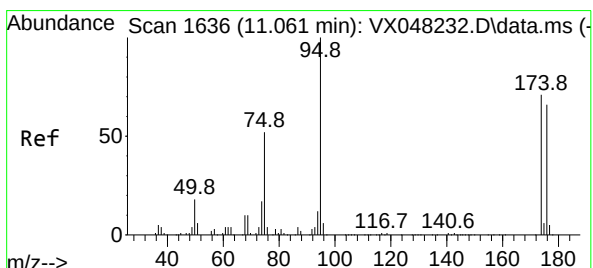
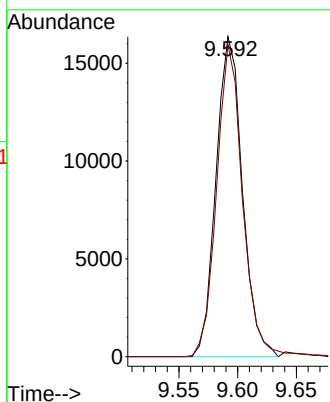
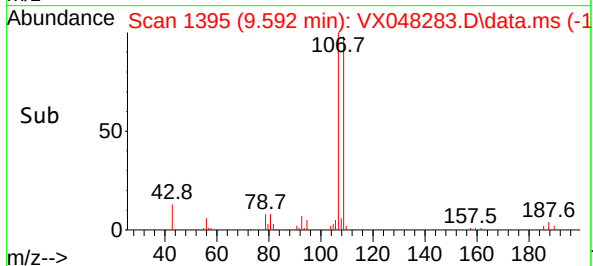
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01



Tgt Ion:107 Resp: 2556
Ion Ratio Lower Upper
107 100
109 96.1 77.0 115.4

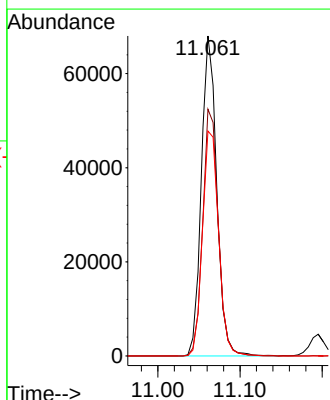
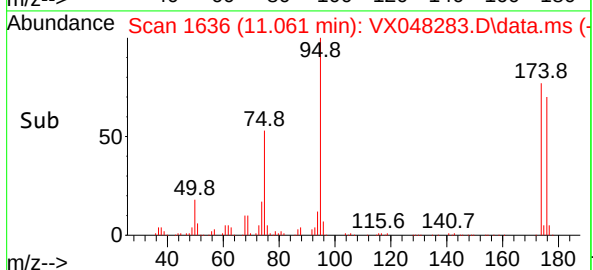
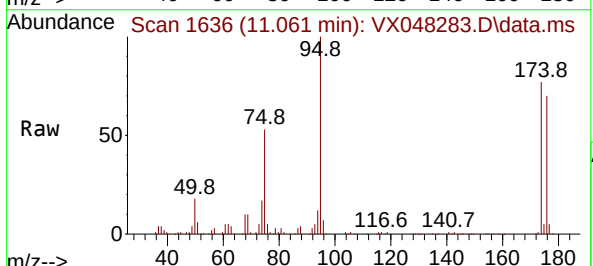
Manual Integrations
APPROVED

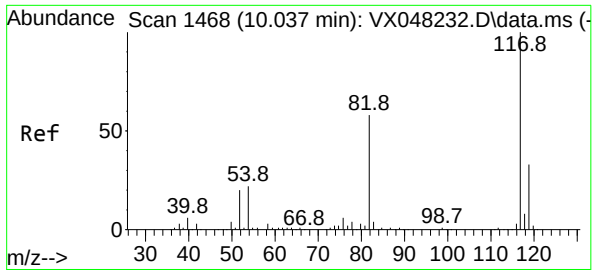
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#62
4-Bromofluorobenzene
Concen: 52.404 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

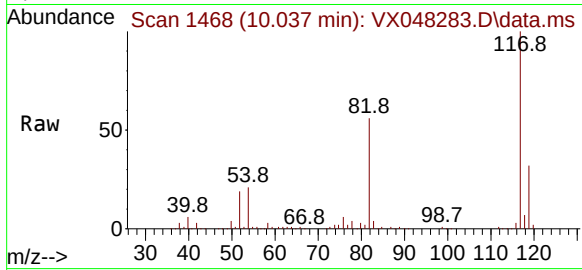
Tgt Ion: 95 Resp: 88327
Ion Ratio Lower Upper
95 100
174 78.0 0.0 147.8
176 73.9 0.0 142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

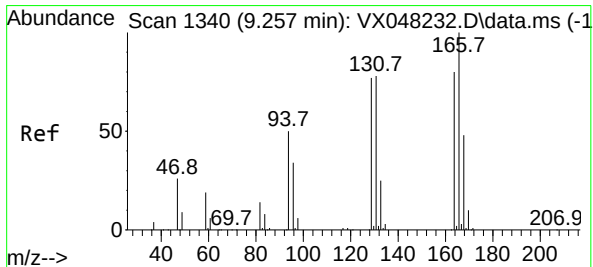
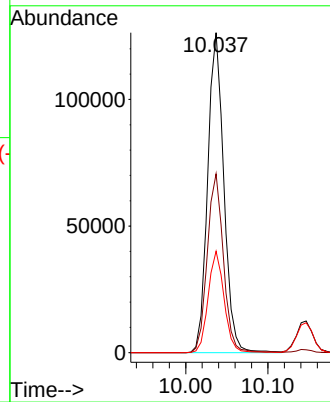
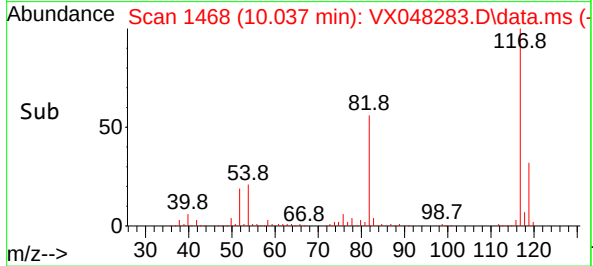
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01



Tgt Ion:117 Resp: 172449
Ion Ratio Lower Upper
117 100
82 55.9 46.5 69.7
119 31.7 25.9 38.9

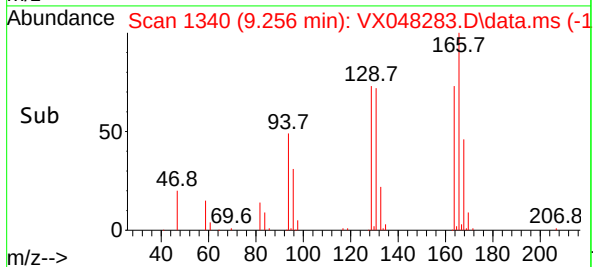
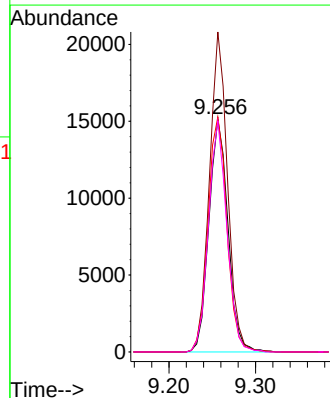
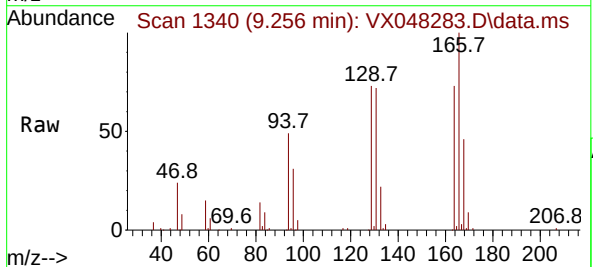
Manual Integrations
APPROVED

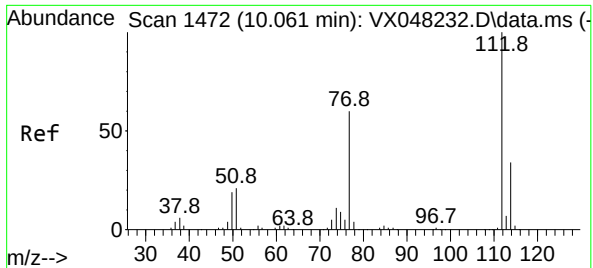
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#64
Tetrachloroethene
Concen: 17.948 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:164 Resp: 23106
Ion Ratio Lower Upper
164 100
166 137.4 104.5 156.7
129 100.9 81.8 122.6
131 99.2 77.0 115.6





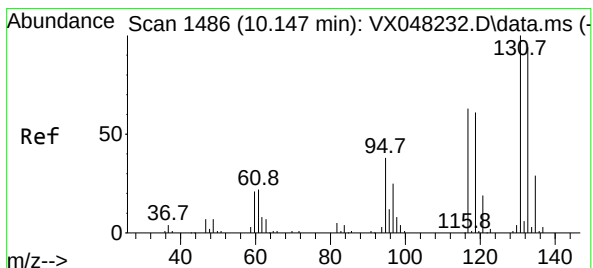
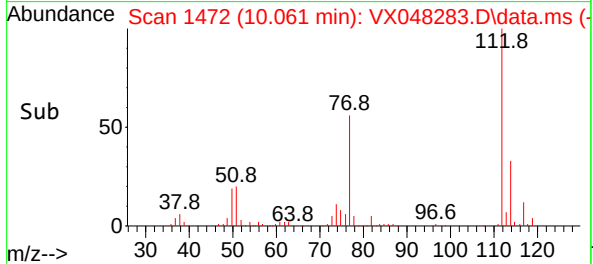
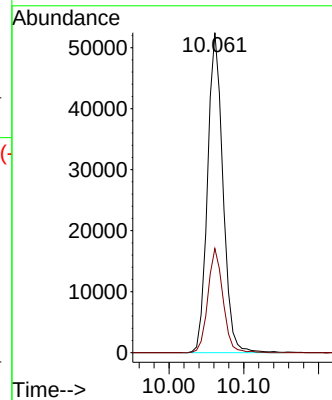
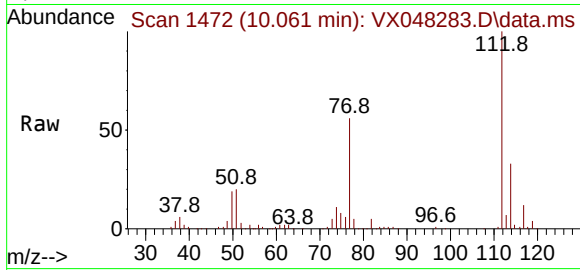
#65
Chlorobenzene
Concen: 19.299 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

Tgt Ion:112 Resp: 74860
Ion Ratio Lower Upper
112 100
114 32.5 26.2 39.2

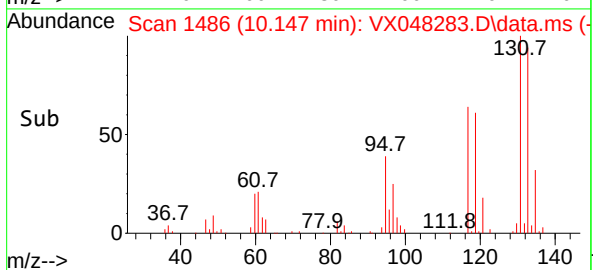
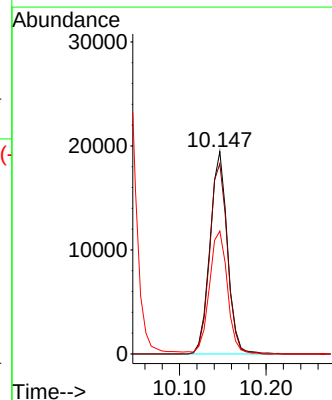
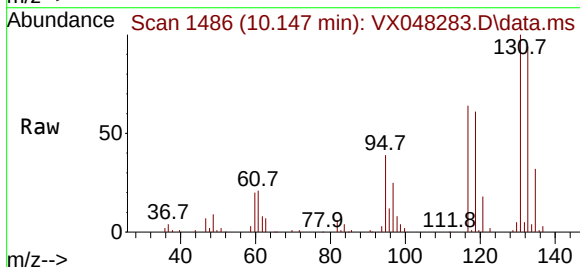
Manual Integrations
APPROVED

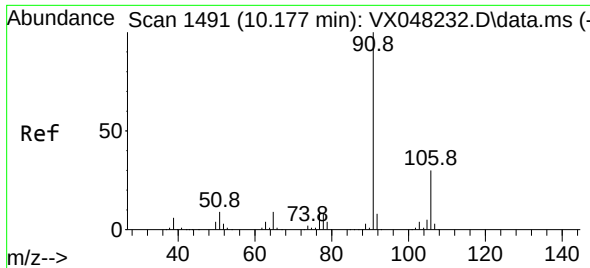
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.105 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

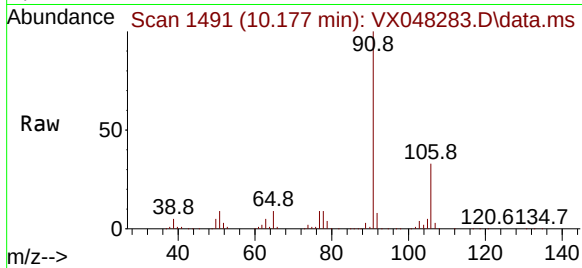
Tgt Ion:131 Resp: 27221
Ion Ratio Lower Upper
131 100
133 95.5 47.6 142.8
119 63.3 32.5 97.5





#67
Ethyl Benzene
Concen: 18.730 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

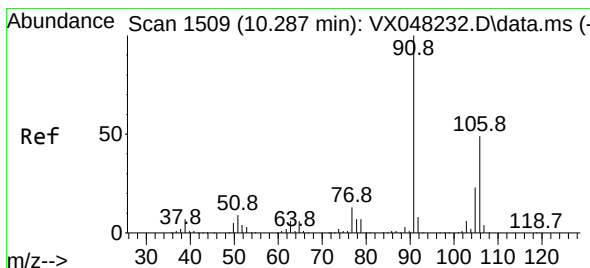
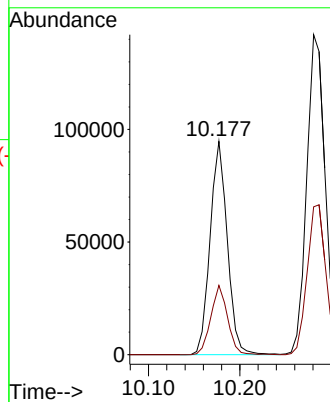
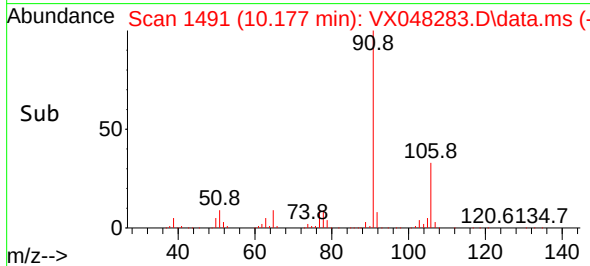
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01



Tgt Ion: 91 Resp: 123704
Ion Ratio Lower Upper
91 100
106 32.5 23.8 35.6

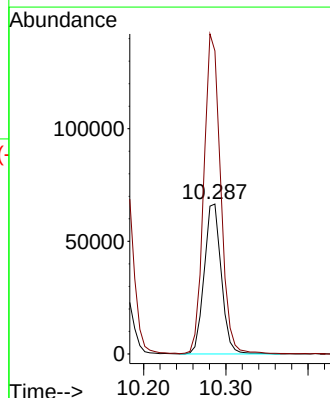
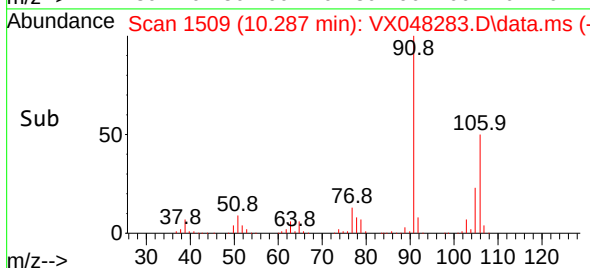
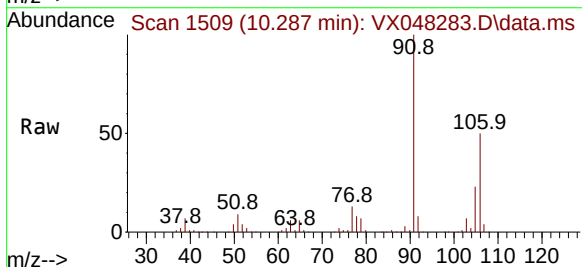
Manual Integrations
APPROVED

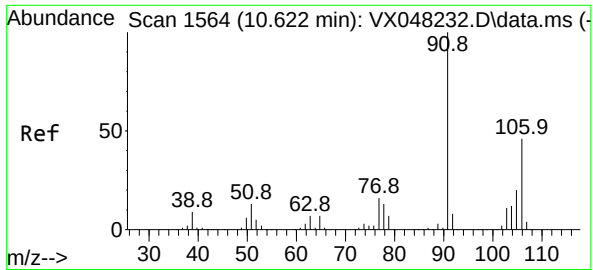
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#68
m/p-Xylenes
Concen: 39.196 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:106 Resp: 96187
Ion Ratio Lower Upper
106 100
91 210.8 167.9 251.9





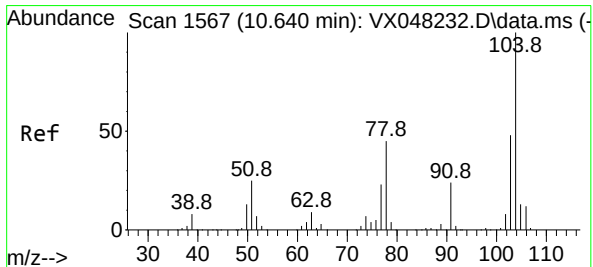
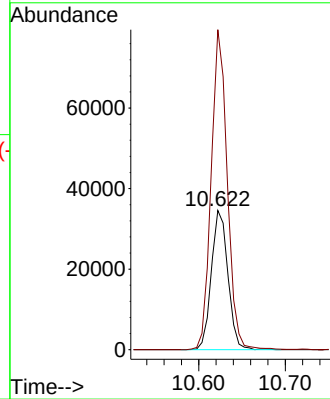
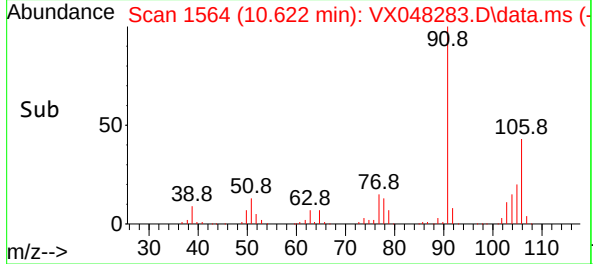
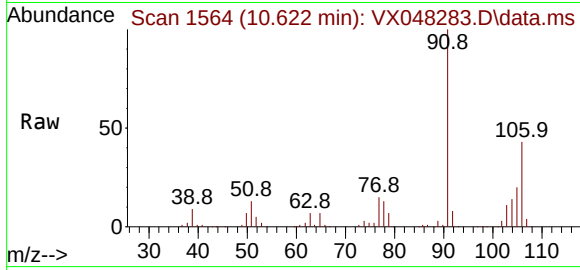
#69
o-Xylene
Concen: 19.380 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

Tgt Ion:106 Resp: 45915
Ion Ratio Lower Upper
106 100
91 223.3 111.3 333.9

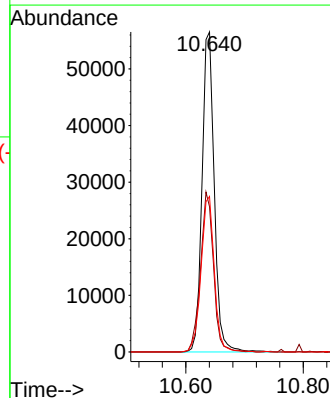
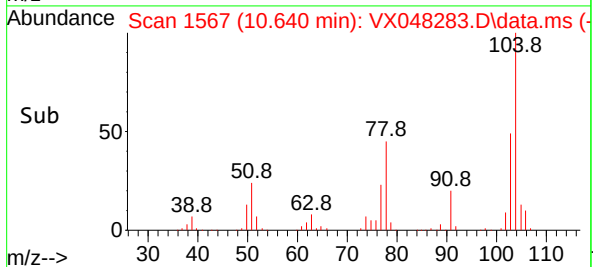
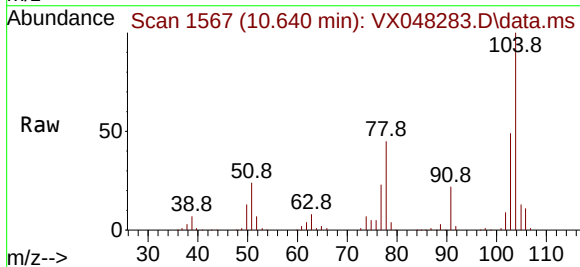
Manual Integrations
APPROVED

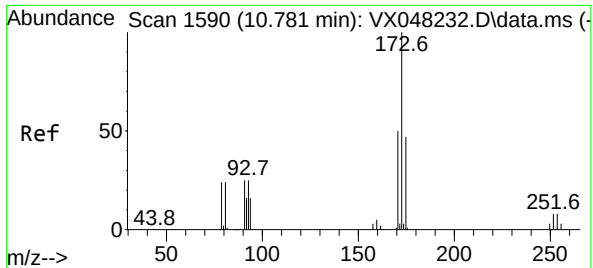
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#70
Styrene
Concen: 20.178 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

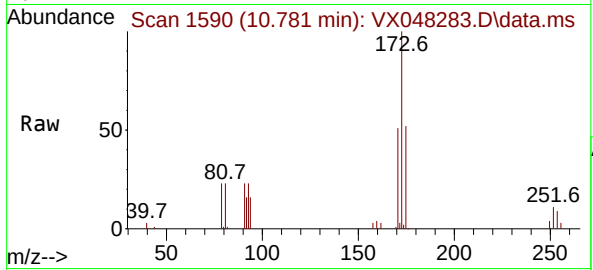
Tgt Ion:104 Resp: 81400
Ion Ratio Lower Upper
104 100
78 53.2 42.2 63.4
103 52.8 43.0 64.4





#71
Bromoform
Concen: 18.867 ug/l
RT: 10.781 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

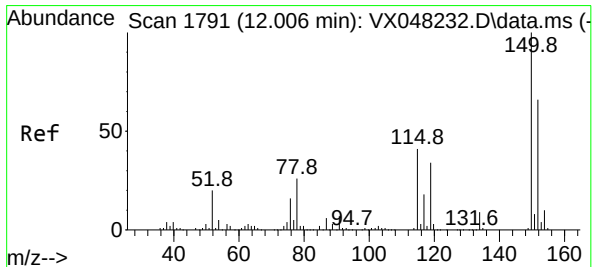
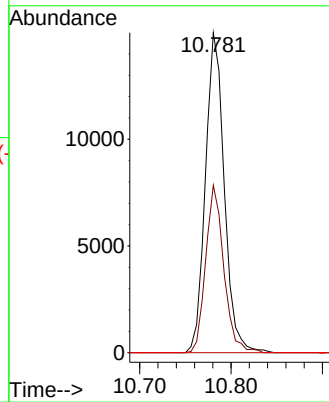
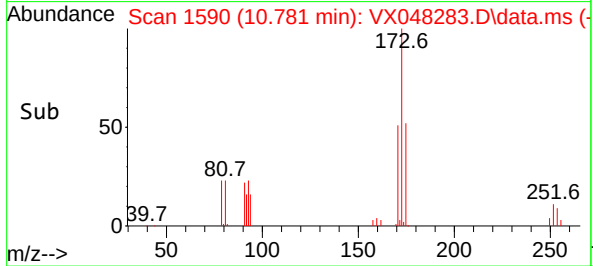
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01



Tgt Ion:173 Resp: 21486
Ion Ratio Lower Upper
173 100
175 50.3 24.0 72.0
254 0.0 0.0 0.0

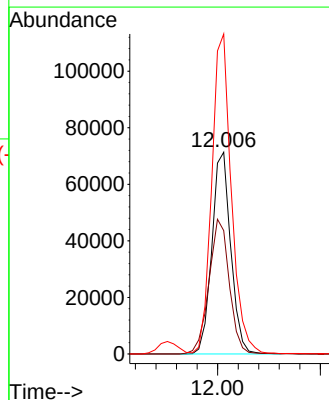
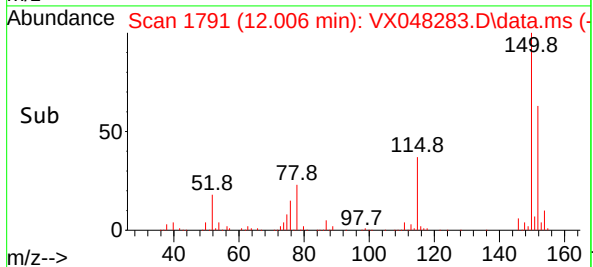
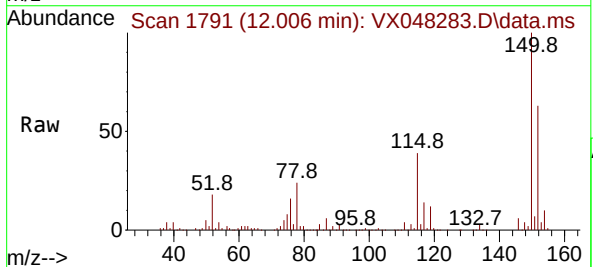
Manual Integrations
APPROVED

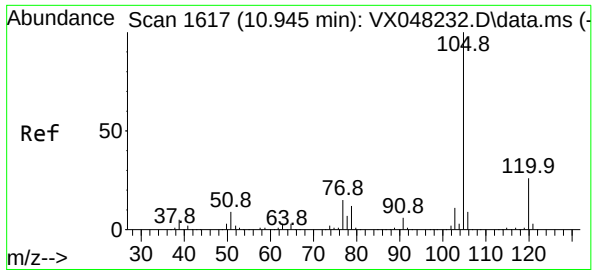
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:152 Resp: 91086
Ion Ratio Lower Upper
152 100
115 71.9 43.1 129.4
150 164.1 0.0 353.0





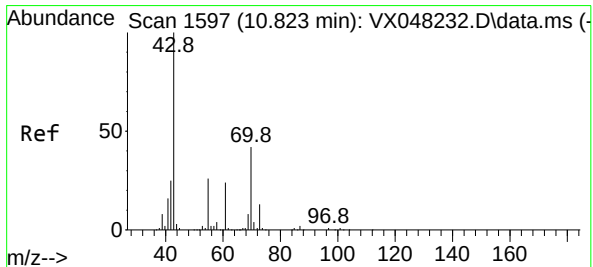
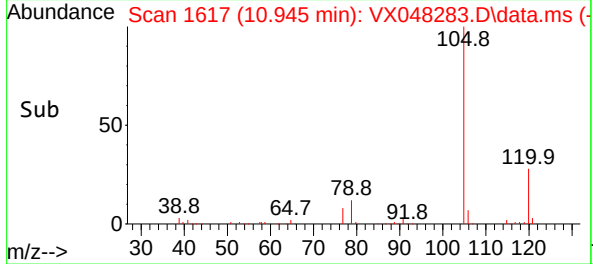
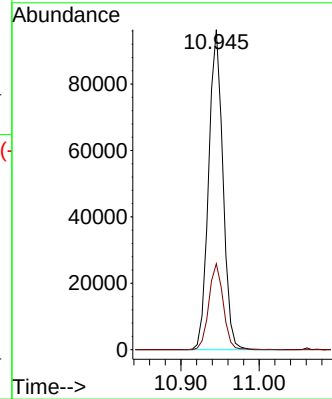
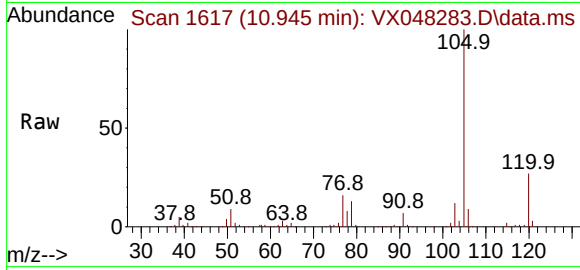
#73
Isopropylbenzene
Concen: 18.261 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

Tgt Ion:105 Resp: 121492
Ion Ratio Lower Upper
105 100
120 27.0 13.0 38.9

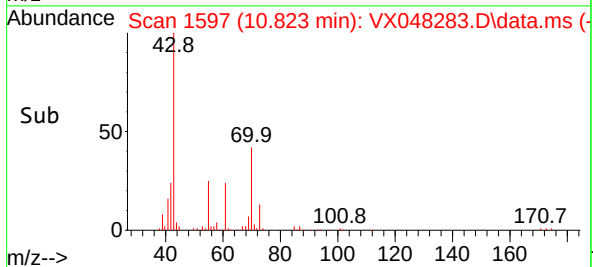
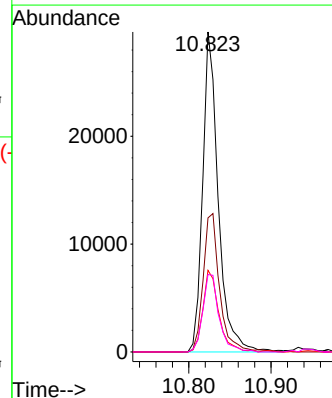
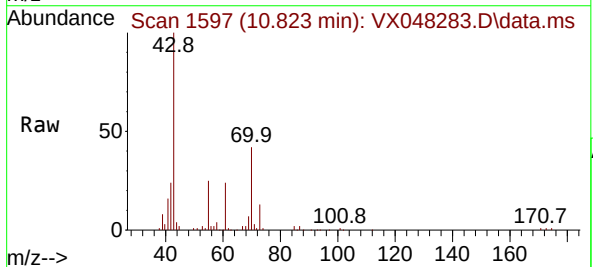
Manual Integrations
APPROVED

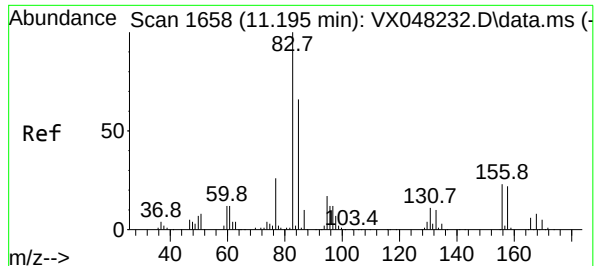
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#74
N-ethyl acetate
Concen: 16.651 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 43 Resp: 39294
Ion Ratio Lower Upper
43 100
70 45.7 32.2 48.2
55 26.0 19.1 28.7
61 25.3 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.132 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS01

Tgt Ion: 83 Resp: 3294

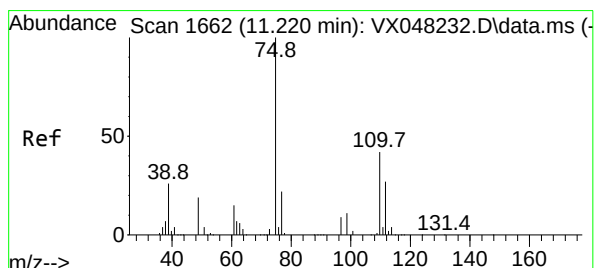
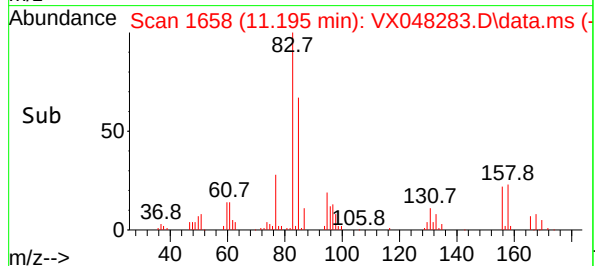
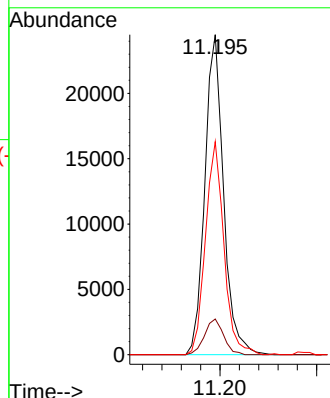
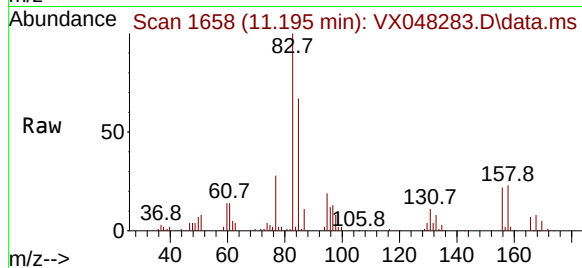
Ion	Ratio	Lower	Upper
83	100		
131	11.4	4.8	14.4
85	65.8	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#76

1,2,3-Trichloropropane

Concen: 20.595 ug/l m

RT: 11.220 min Scan# 1662

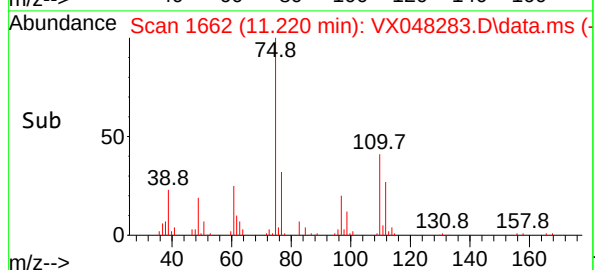
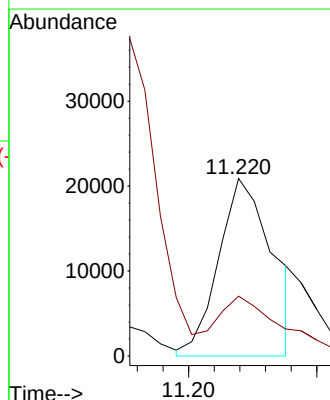
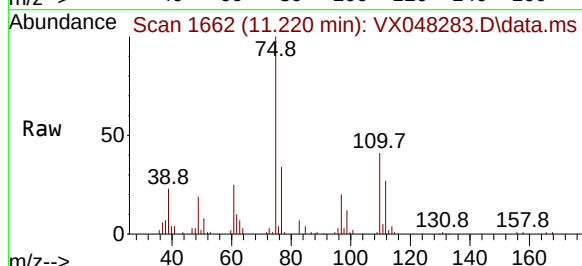
Delta R.T. -0.000 min

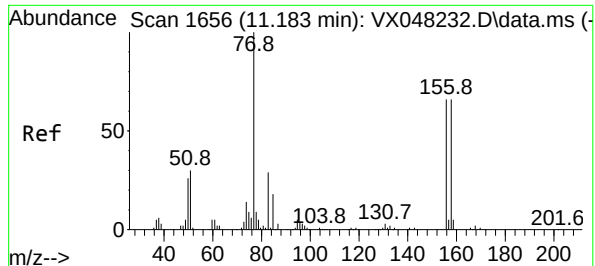
Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

Tgt Ion: 75 Resp: 30421

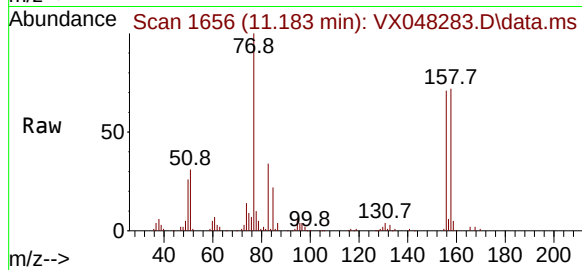
Ion	Ratio	Lower	Upper
75	100		
77	38.3	22.4	67.2





#77
Bromobenzene
Concen: 18.526 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. 0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

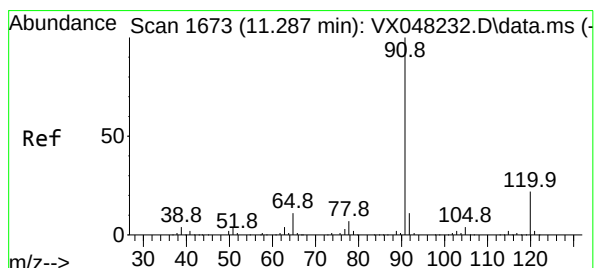
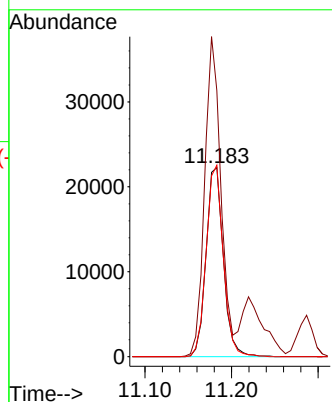
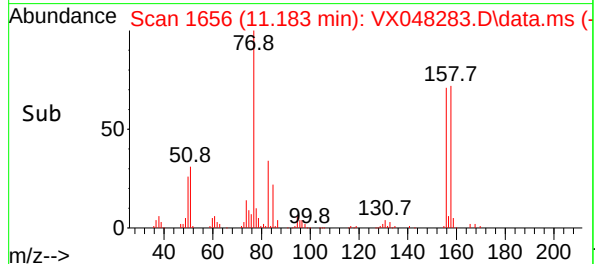
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01



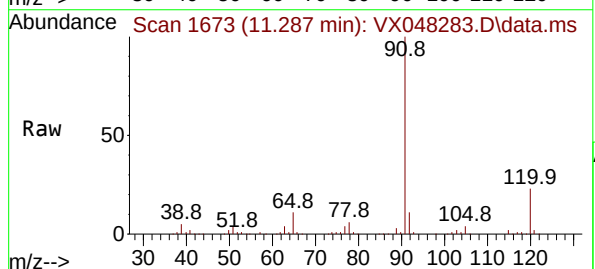
Tgt Ion:156 Resp: 30904
Ion Ratio Lower Upper
156 100
77 157.4 87.0 261.0
158 100.1 47.8 143.4

Manual Integrations
APPROVED

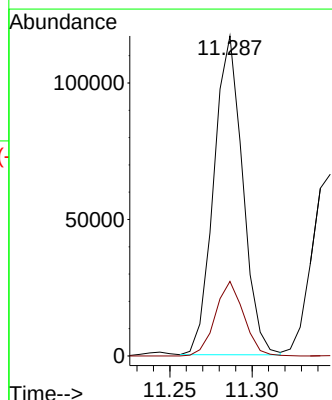
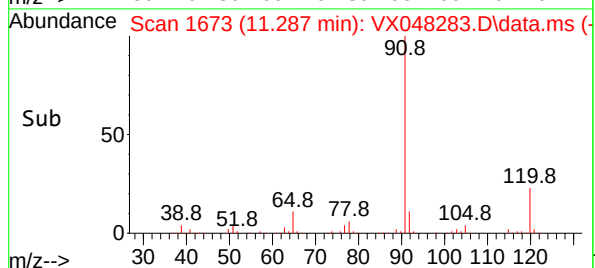
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

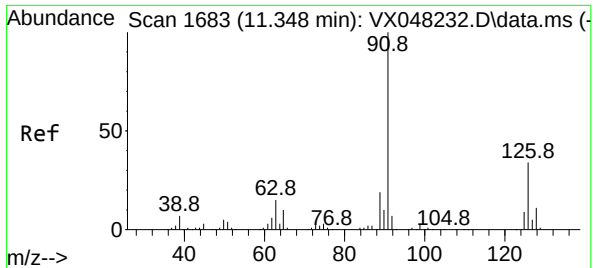


#78
n-propylbenzene
Concen: 18.506 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53



Tgt Ion: 91 Resp: 142548
Ion Ratio Lower Upper
91 100
120 23.0 11.1 33.1





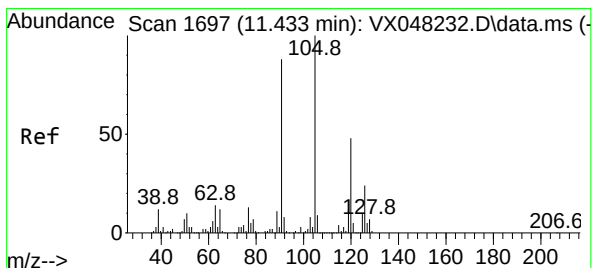
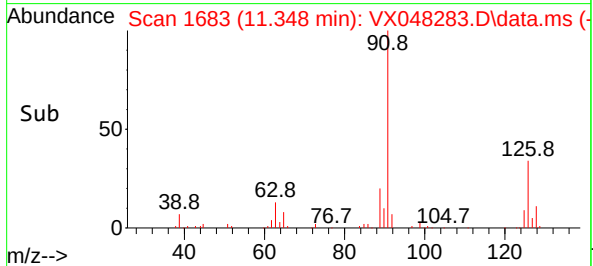
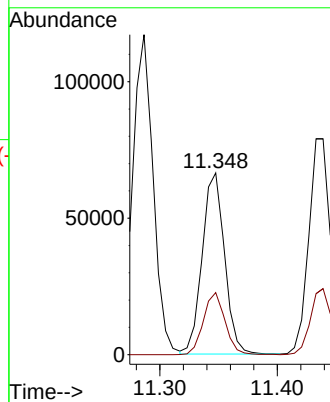
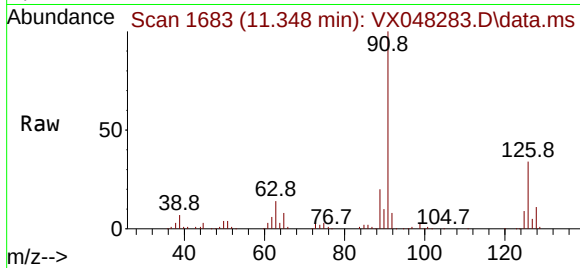
#79
2-Chlorotoluene
Concen: 18.783 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

Tgt Ion: 91 Resp: 87720
Ion Ratio Lower Upper
91 100
126 33.2 16.4 49.4

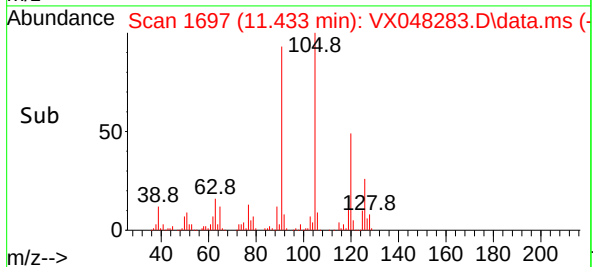
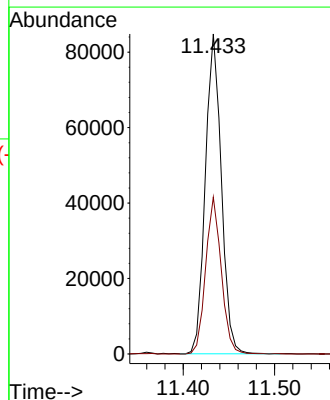
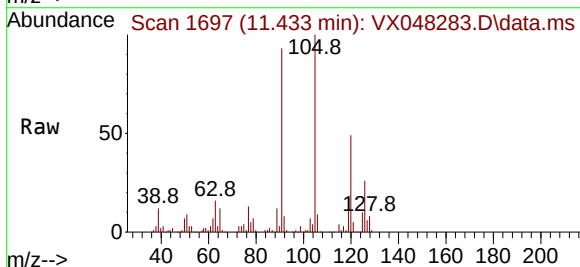
Manual Integrations
APPROVED

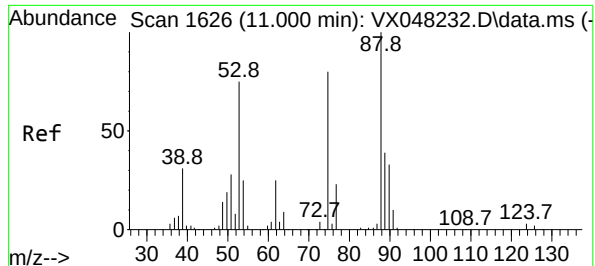
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#80
1,3,5-Trimethylbenzene
Concen: 18.620 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:105 Resp: 102516
Ion Ratio Lower Upper
105 100
120 48.0 24.0 72.0





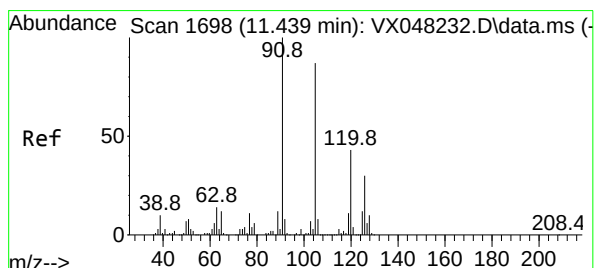
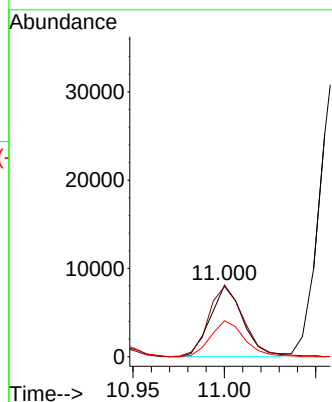
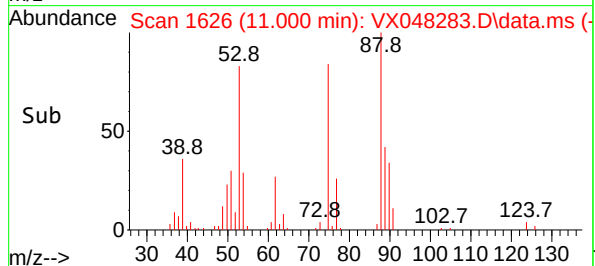
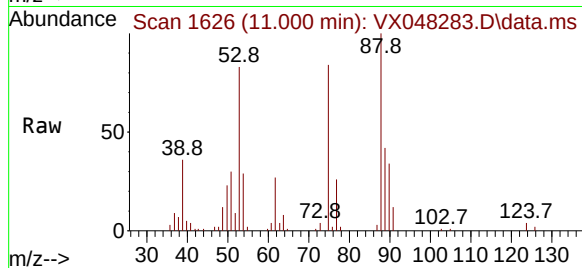
#81
trans-1,4-Dichloro-2-butene
Concen: 16.545 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

Tgt Ion: 75 Resp: 1004
Ion Ratio Lower Upper
75 100
53 106.6 79.5 119.3
89 51.7 36.8 55.2

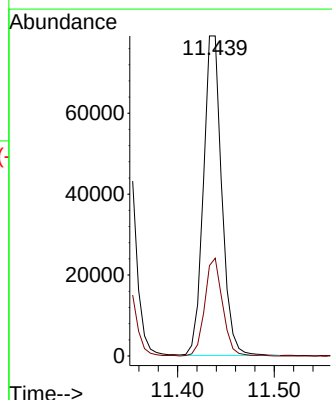
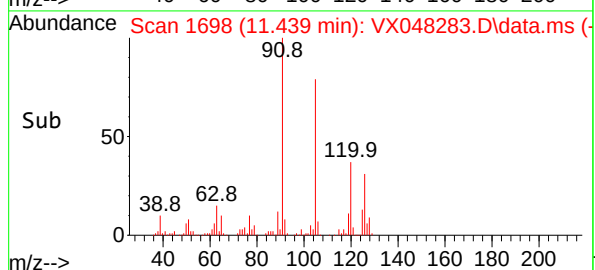
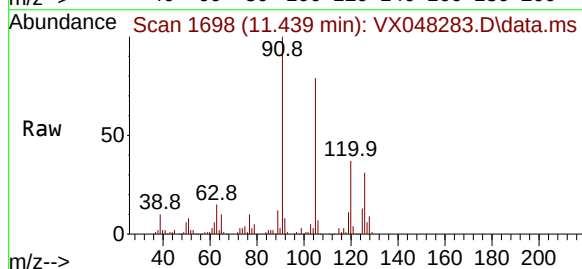
Manual Integrations
APPROVED

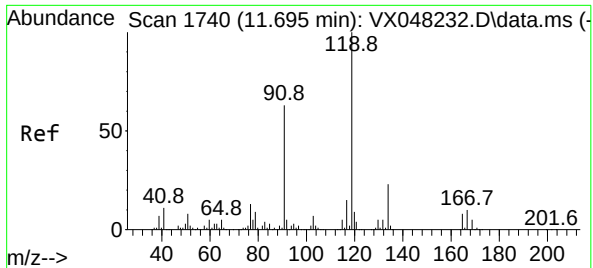
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#82
4-Chlorotoluene
Concen: 18.810 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

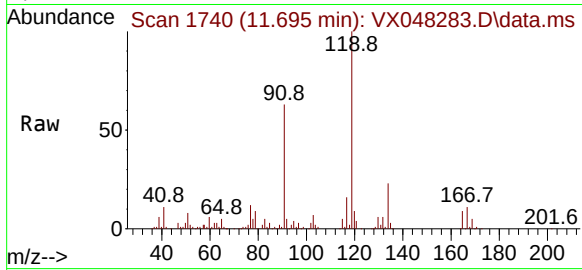
Tgt Ion: 91 Resp: 104284
Ion Ratio Lower Upper
91 100
126 29.9 14.1 42.4





#83
tert-Butylbenzene
Concen: 18.713 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

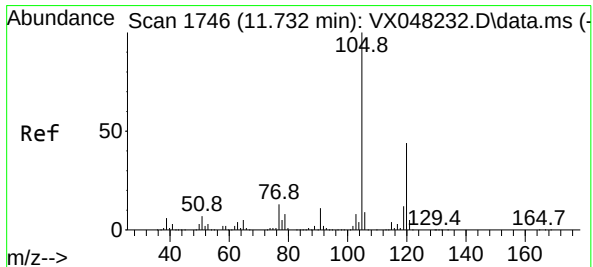
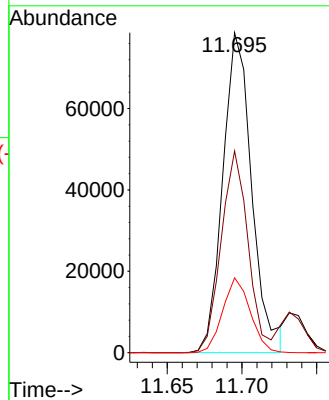
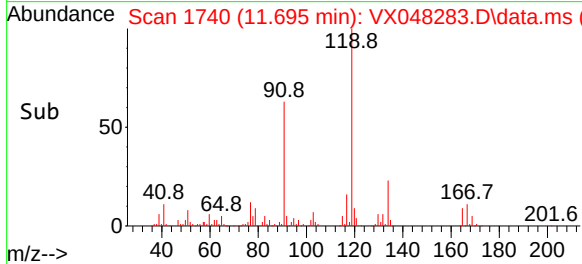
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01



Tgt Ion:119 Resp: 105858
Ion Ratio Lower Upper
119 100
91 58.7 30.3 91.0
134 22.3 11.4 34.2

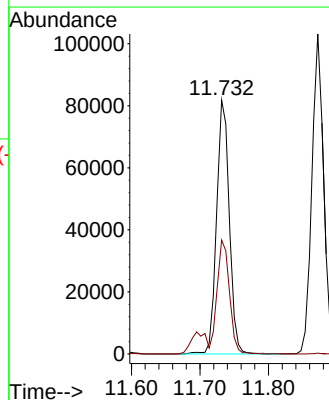
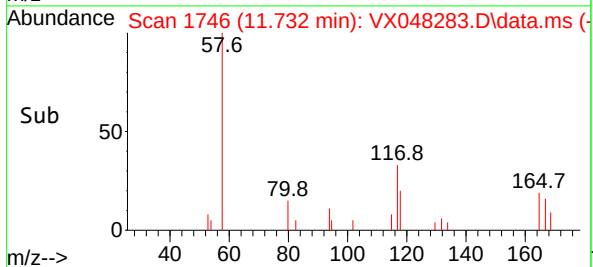
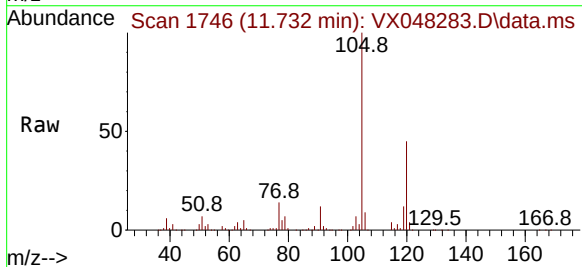
Manual Integrations
APPROVED

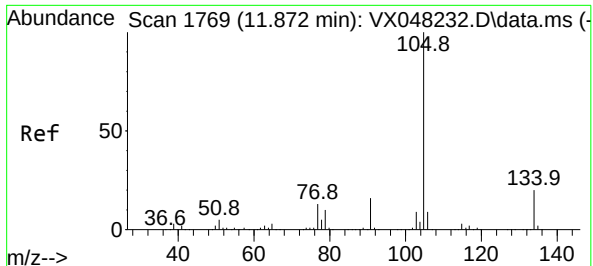
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#84
1,2,4-Trimethylbenzene
Concen: 19.137 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

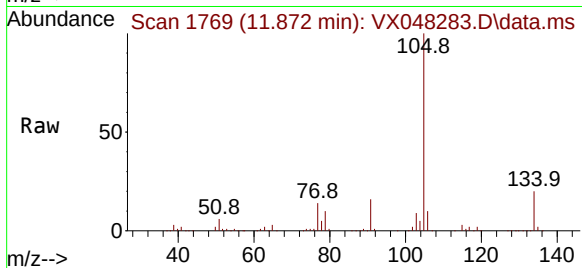
Tgt Ion:105 Resp: 105149
Ion Ratio Lower Upper
105 100
120 43.6 22.1 66.5





#85
 sec-Butylbenzene
 Concen: 18.025 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048283.D
 Acq: 22 Oct 2025 09:53

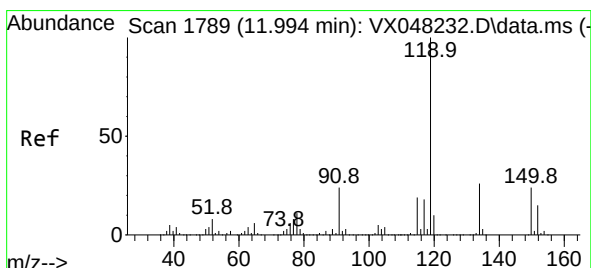
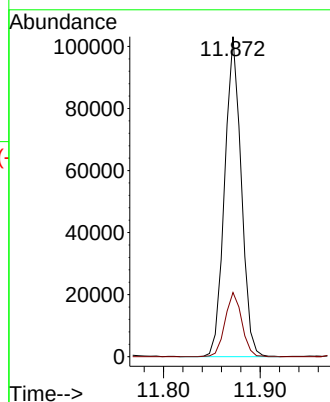
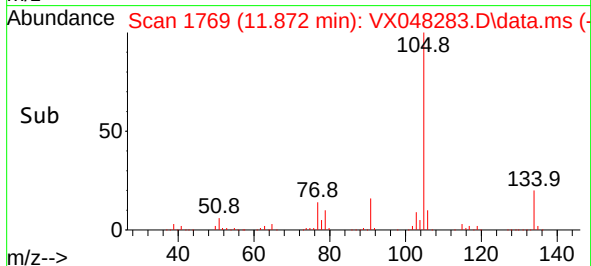
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBS01



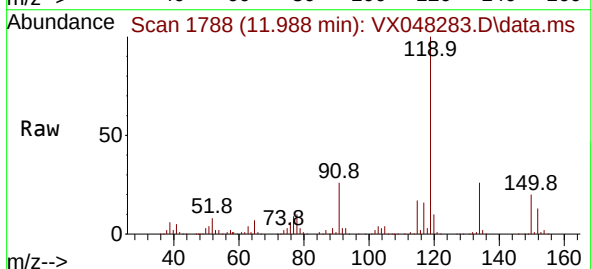
Tgt Ion:105 Resp: 122670
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.1

Manual Integrations
 APPROVED

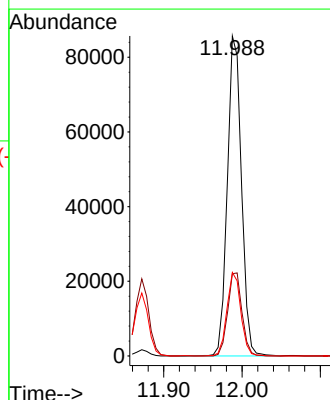
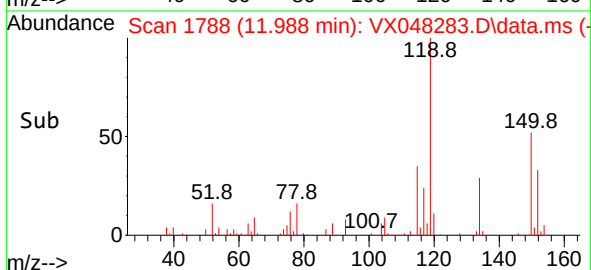
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/24/2025

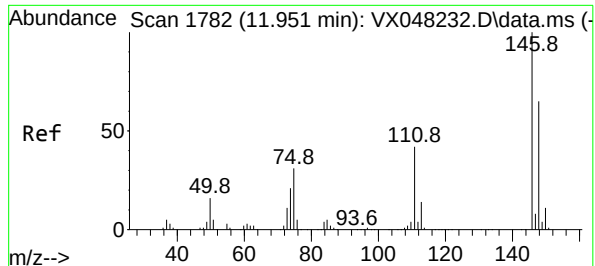


#86
 p-Isopropyltoluene
 Concen: 18.286 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. -0.000 min
 Lab File: VX048283.D
 Acq: 22 Oct 2025 09:53



Tgt Ion:119 Resp: 107570
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 39.0
 91 25.7 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 18.708 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS01

Tgt Ion:146 Resp: 5883

Ion Ratio Lower Upper

146 100

111 41.9 20.4 61.2

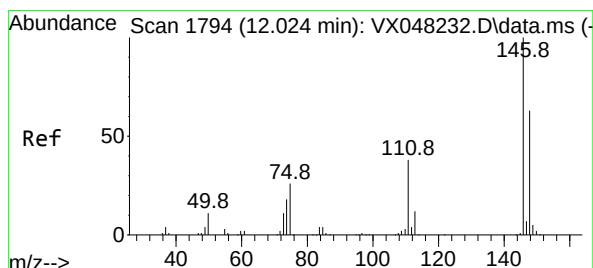
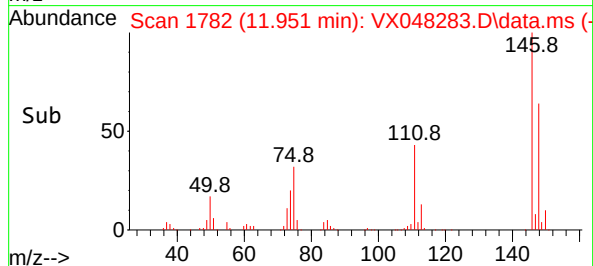
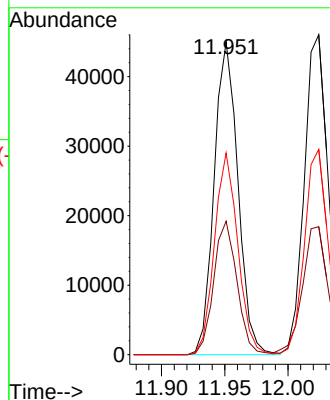
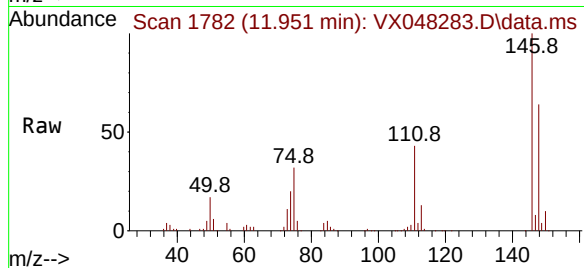
148 63.2 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#88

1,4-Dichlorobenzene

Concen: 18.420 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

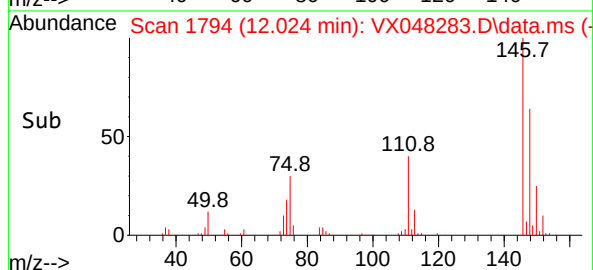
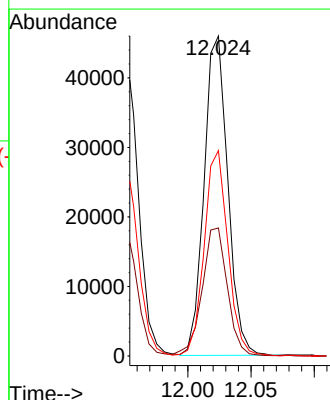
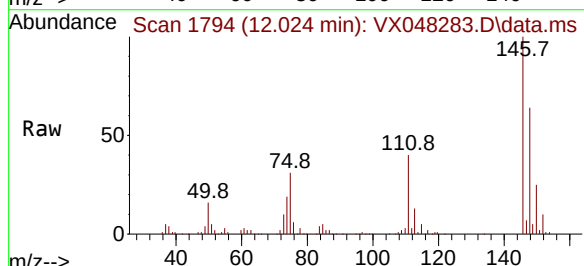
Tgt Ion:146 Resp: 60010

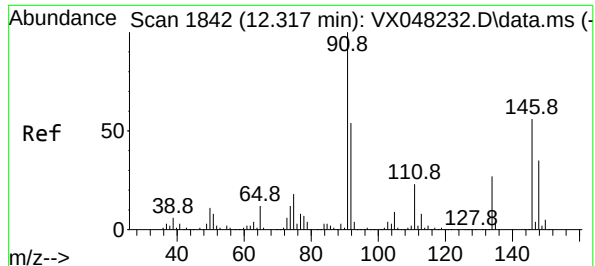
Ion Ratio Lower Upper

146 100

111 42.4 20.1 60.2

148 64.4 31.8 95.3





#89

n-Butylbenzene

Concen: 17.540 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. 0.006 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS01

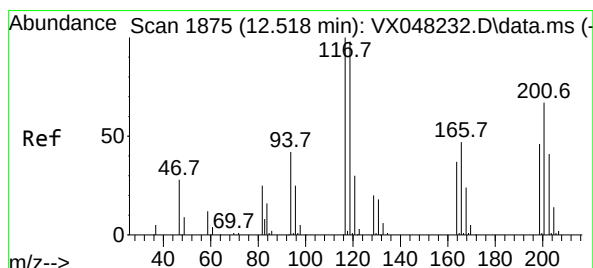
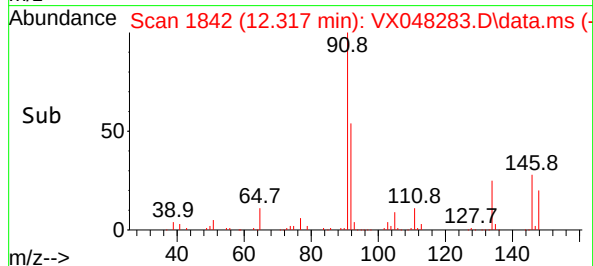
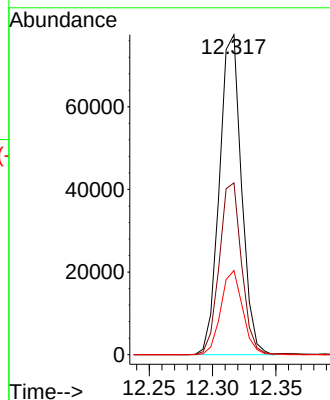
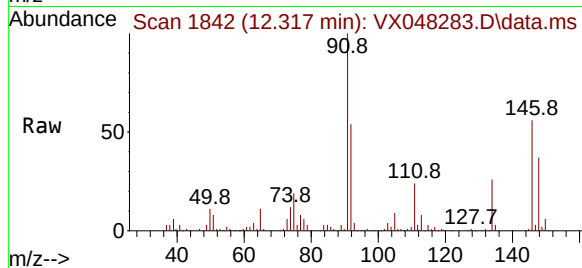
Tgt Ion:	91	Resp:	9391
Ion	Ratio	Lower	Upper
91	100		
92	54.4	26.9	80.6
134	26.0	12.7	38.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#90

Hexachloroethane

Concen: 17.328 ug/l

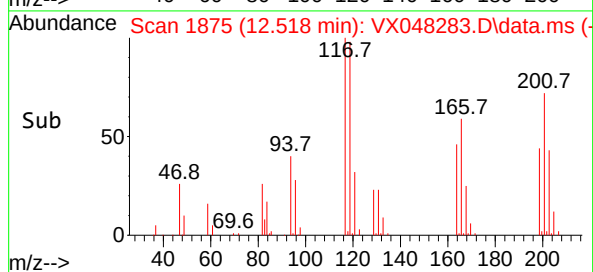
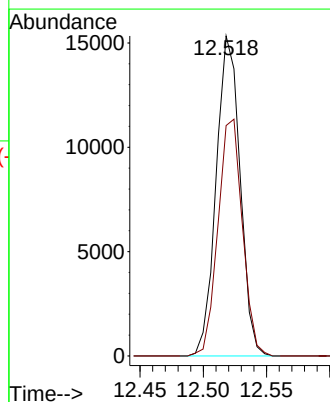
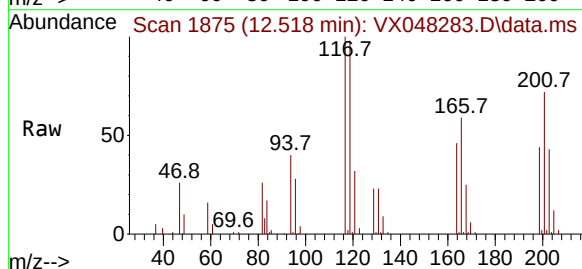
RT: 12.518 min Scan# 1875

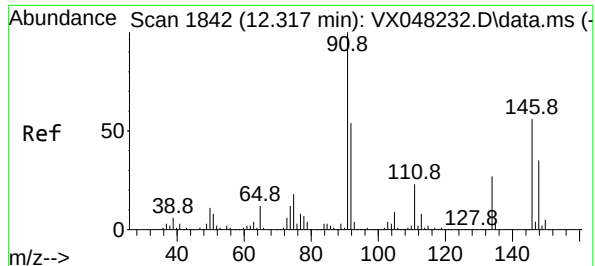
Delta R.T. -0.000 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

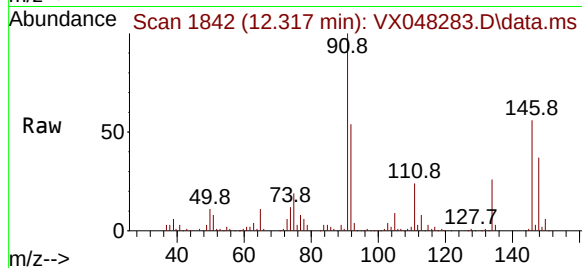
Tgt Ion:	117	Resp:	20129
Ion	Ratio	Lower	Upper
117	100		
201	75.6	34.1	102.2





#91
1,2-Dichlorobenzene
Concen: 18.823 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

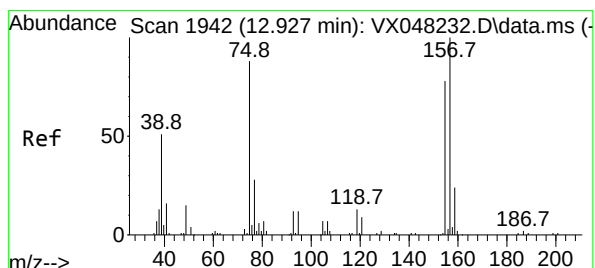
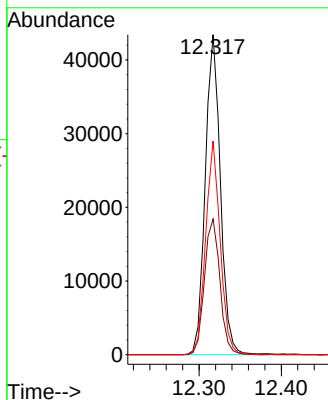
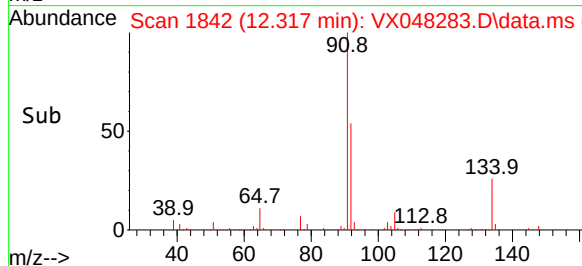
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01



Tgt Ion:146 Resp: 55570
Ion Ratio Lower Upper
146 100
111 43.3 21.9 65.5
148 64.0 31.9 95.5

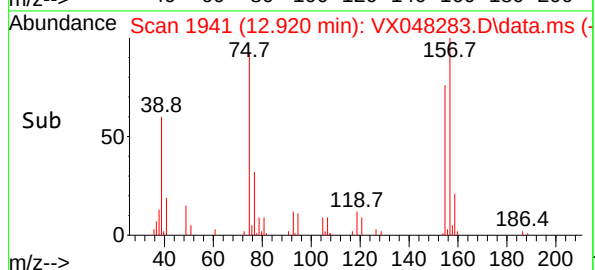
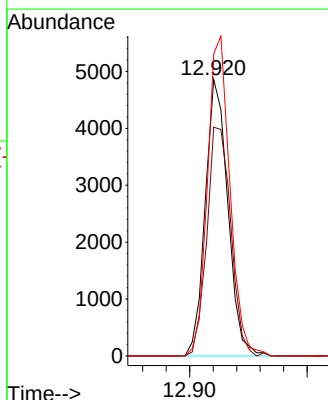
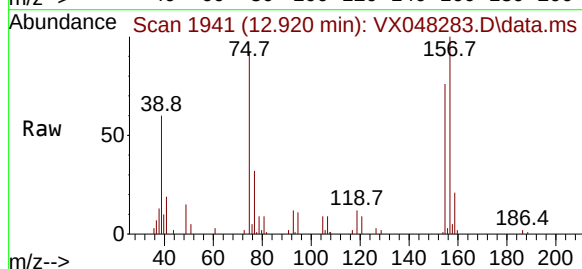
Manual Integrations
APPROVED

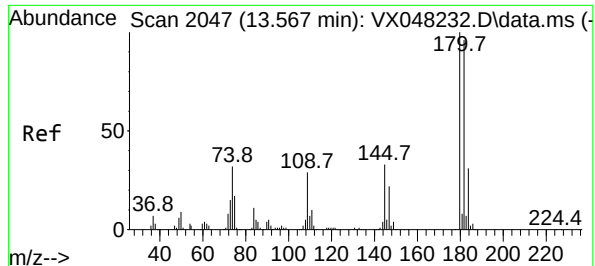
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.598 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 75 Resp: 6490
Ion Ratio Lower Upper
75 100
155 87.8 42.8 128.4
157 114.9 54.2 162.6





#93

1,2,4-Trichlorobenzene

Concen: 17.699 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS01

Tgt Ion:180 Resp: 35339

Ion Ratio Lower Upper

180 100

182 96.4 47.3 142.0

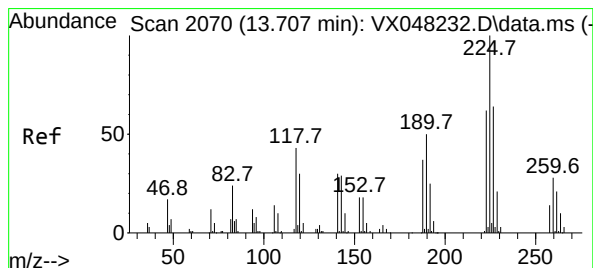
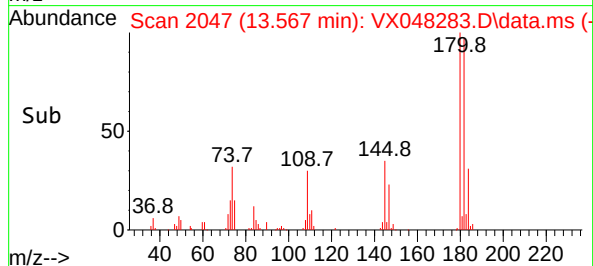
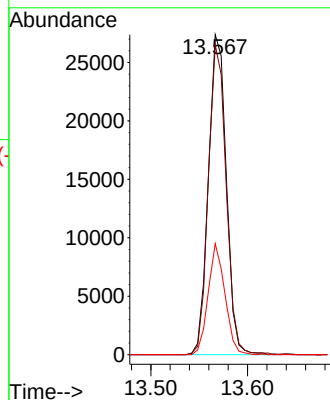
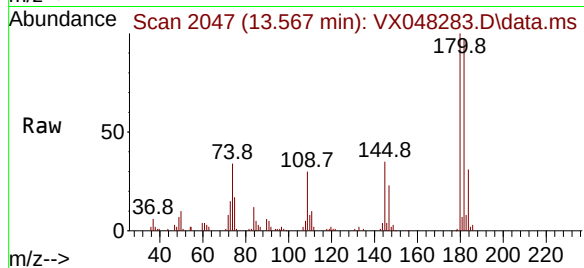
145 32.5 16.3 48.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#94

Hexachlorobutadiene

Concen: 18.594 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. 0.006 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

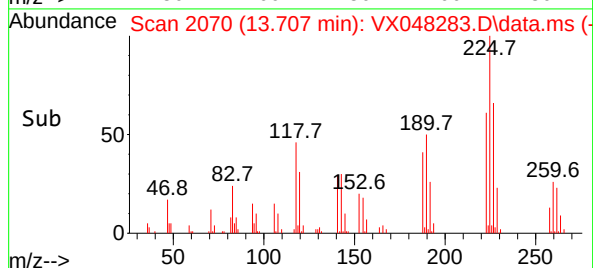
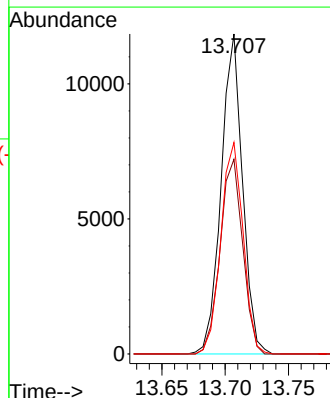
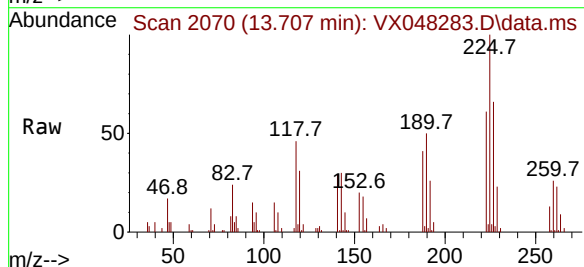
Tgt Ion:225 Resp: 13881

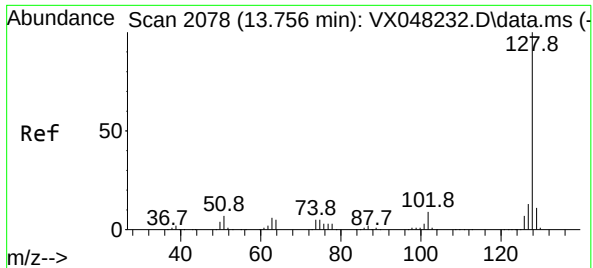
Ion Ratio Lower Upper

225 100

223 64.3 32.6 97.7

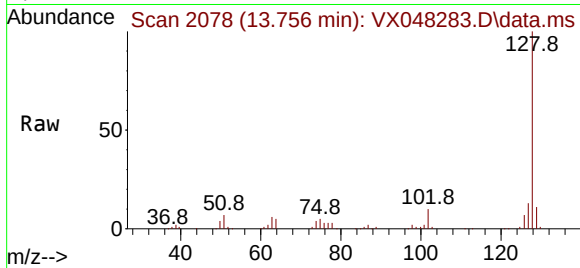
227 68.8 32.5 97.4





#95
Naphthalene
Concen: 18.305 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

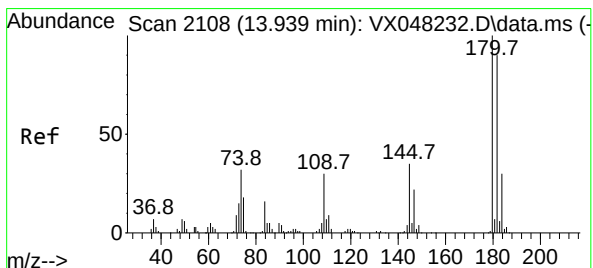
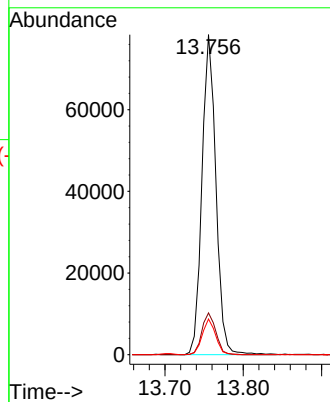
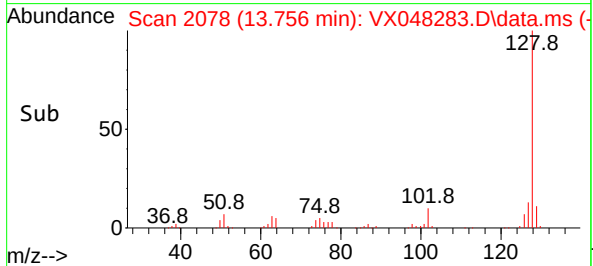
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01



Tgt Ion:128 Resp: 96835
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.7 8.6 12.8

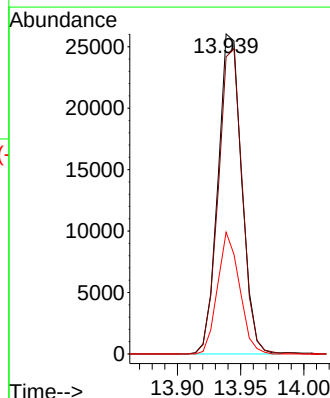
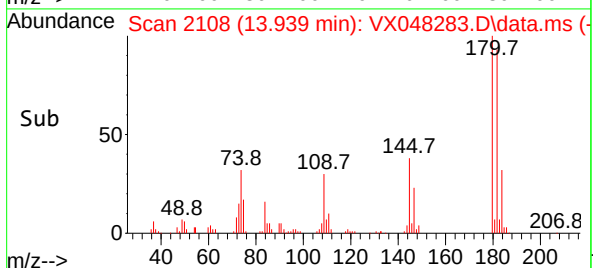
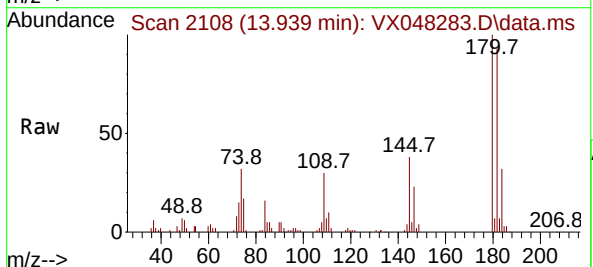
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.518 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:180 Resp: 33930
Ion Ratio Lower Upper
180 100
182 96.3 46.6 139.7
145 35.2 16.9 50.7





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

Report of Analysis

Client: ICE Service Group, Inc.
Project: NWIRP Northrup Grumman Site – Bethpage, NY
Client Sample ID: VX1024WBS01
Lab Sample ID: VX1024WBS01
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3399
Matrix: TCLP
% Solid: 0
Test: TCLP VOA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-01-4	Vinyl Chloride	27.8		1	0.26	0.75	1.00	ug/L	10/24/25 10:15	VX102425
75-35-4	1,1-Dichloroethene	20.7		1	0.23	0.75	1.00	ug/L	10/24/25 10:15	VX102425
78-93-3	2-Butanone	84.6		1	0.98	2.50	5.00	ug/L	10/24/25 10:15	VX102425
56-23-5	Carbon Tetrachloride	18.5		1	0.25	0.50	1.00	ug/L	10/24/25 10:15	VX102425
67-66-3	Chloroform	20.8		1	0.25	0.50	1.00	ug/L	10/24/25 10:15	VX102425
71-43-2	Benzene	20.2		1	0.15	0.50	1.00	ug/L	10/24/25 10:15	VX102425
107-06-2	1,2-Dichloroethane	21.0		1	0.22	0.50	1.00	ug/L	10/24/25 10:15	VX102425
79-01-6	Trichloroethene	19.2		1	0.090	0.75	1.00	ug/L	10/24/25 10:15	VX102425
127-18-4	Tetrachloroethene	20.9		1	0.23	0.50	1.00	ug/L	10/24/25 10:15	VX102425
108-90-7	Chlorobenzene	19.8		1	0.12	0.50	1.00	ug/L	10/24/25 10:15	VX102425
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	51.3			81 - 118		103%	SPK: 50		
1868-53-7	Dibromofluoromethane	41.6			80 - 119		83%	SPK: 50		
2037-26-5	Toluene-d8	49.6			89 - 112		99%	SPK: 50		
460-00-4	4-Bromofluorobenzene	48.3			85 - 114		97%	SPK: 50		
INTERNAL STANDARDS										
		Area Count								
363-72-4	Pentafluorobenzene	146000								
540-36-3	1,4-Difluorobenzene	239000								
3114-55-4	Chlorobenzene-d5	209000								
3855-82-1	1,4-Dichlorobenzene-d4	104000								

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
 Data File : VX048341.D
 Acq On : 24 Oct 2025 10:15
 Operator : JC/MD
 Sample : VX1024WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/27/2025
 Supervised By :Mahesh Dadoda 10/27/2025

Quant Time: Oct 24 23:00:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	145979	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.744	114	238661	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	208902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	103563	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.933	65	104947	51.275	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	102.560%		
35) Dibromofluoromethane	5.367	113	67722	41.564	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	83.120%		
50) Toluene-d8	8.628	98	283427	49.629	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.260%		
62) 4-Bromofluorobenzene	11.061	95	105010	48.334	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.660%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	27195	18.122	ug/l	94
3) Chloromethane	1.300	50	14115	10.077	ug/l	93
4) Vinyl Chloride	1.379	62	36112	27.840	ug/l	98
5) Bromomethane	1.617	94	12608	14.323	ug/l	92
6) Chloroethane	1.696	64	21902	28.735	ug/l	95
7) Trichlorofluoromethane	1.898	101	61799	24.842	ug/l	98
8) Diethyl Ether	2.129	74	20019	28.600	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.337	101	33915	21.529	ug/l	99
10) Methyl Iodide	2.458	142	121848	61.528	ug/l	98
11) Tert butyl alcohol	2.934	59	16210	79.768	ug/l	98
12) 1,1-Dichloroethene	2.324	96	31747	20.715	ug/l	98
13) Acrolein	2.233	56	25338	122.255	ug/l	100
14) Allyl chloride	2.666	41	54311	21.344	ug/l	95
15) Acrylonitrile	3.056	53	70500	96.210	ug/l	99
16) Acetone	2.367	43	48526	69.111	ug/l	98
17) Carbon Disulfide	2.513	76	88439	18.310	ug/l	98
18) Methyl Acetate	2.696	43	29292	19.976	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	105877	20.250	ug/l	100
20) Methylene Chloride	2.788	84	34512	20.172	ug/l	98
21) trans-1,2-Dichloroethene	3.086	96	34044	20.223	ug/l	98
22) Diisopropyl ether	3.745	45	118430	23.336	ug/l	99
23) Vinyl Acetate	3.708	43	423009	104.344	ug/l	99
24) 1,1-Dichloroethane	3.599	63	65078	21.207	ug/l	98
25) 2-Butanone	4.531	43	75222	84.639	ug/l	95
26) 2,2-Dichloropropane	4.464	77	56864	20.530	ug/l	98
27) cis-1,2-Dichloroethene	4.476	96	39206	19.955	ug/l	96
28) Bromochloromethane	4.879	49	27053	21.261	ug/l	97
29) Tetrahydrofuran	4.982	42	51748	97.222	ug/l	99
30) Chloroform	5.074	83	68186	20.797	ug/l	99
31) Cyclohexane	5.452	56	57458	22.616	ug/l	89
32) 1,1,1-Trichloroethane	5.367	97	62899	20.816	ug/l	98
36) 1,1-Dichloropropene	5.677	75	46219	19.958	ug/l	96
37) Ethyl Acetate	4.690	43	41061	21.391	ug/l #	95
38) Carbon Tetrachloride	5.659	117	52919	18.522	ug/l	95
39) Methylcyclohexane	7.366	83	56949	20.823	ug/l	98
40) Benzene	6.019	78	135581	20.165	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
 Data File : VX048341.D
 Acq On : 24 Oct 2025 10:15
 Operator : JC/MD
 Sample : VX1024WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/27/2025
 Supervised By : Mahesh Dadoda 10/27/2025

Quant Time: Oct 24 23:00:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.891	41	20984	20.817	ug/l	98
42) 1,2-Dichloroethane	6.068	62	52014	20.965	ug/l	99
43) Isopropyl Acetate	6.318	43	68756	21.807	ug/l	99
44) Trichloroethene	7.104	130	34170	19.247	ug/l	98
45) 1,2-Dichloropropane	7.409	63	33220	20.781	ug/l	99
46) Dibromomethane	7.561	93	24750	19.873	ug/l	98
47) Bromodichloromethane	7.805	83	52628	19.571	ug/l	99
48) Methyl methacrylate	7.677	41	33315	20.939	ug/l	96
49) 1,4-Dioxane	7.641	88	7180	341.585	ug/l	96
51) 4-Methyl-2-Pentanone	8.555	43	189499	104.240	ug/l	99
52) Toluene	8.701	92	84824	19.859	ug/l	98
53) t-1,3-Dichloropropene	8.963	75	49569	19.129	ug/l	96
54) cis-1,3-Dichloropropene	8.348	75	52191	18.668	ug/l	95
55) 1,1,2-Trichloroethane	9.134	97	31755	19.991	ug/l	95
56) Ethyl methacrylate	9.098	69	45976	19.789	ug/l	97
57) 1,3-Dichloropropane	9.293	76	53530	19.729	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.226	63	118629	96.012	ug/l	99
59) 2-Hexanone	9.415	43	125025	98.630	ug/l	98
60) Dibromochloromethane	9.506	129	38132	17.861	ug/l	99
61) 1,2-Dibromoethane	9.591	107	32346	19.101	ug/l	98
64) Tetrachloroethene	9.256	164	32600	20.904	ug/l	97
65) Chlorobenzene	10.061	112	93252	19.844	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.146	131	32783	18.993	ug/l	99
67) Ethyl Benzene	10.177	91	163786	20.471	ug/l	99
68) m/p-Xylenes	10.286	106	122538	41.221	ug/l	99
69) o-Xylene	10.622	106	57644	20.085	ug/l	100
70) Styrene	10.640	104	98123	20.079	ug/l	98
71) Bromoform	10.780	173	23162	16.790	ug/l #	99
73) Isopropylbenzene	10.945	105	156349	20.669	ug/l	100
74) N-amyl acetate	10.823	43	58990	21.985	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.195	83	39902	19.317	ug/l	100
76) 1,2,3-Trichloropropane	11.219	75	35869m	21.358	ug/l	
77) Bromobenzene	11.176	156	36110	19.039	ug/l	98
78) n-propylbenzene	11.286	91	186273	21.269	ug/l	99
79) 2-Chlorotoluene	11.347	91	111240	20.949	ug/l	98
80) 1,3,5-Trimethylbenzene	11.432	105	129782	20.733	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	8393	12.159	ug/l #	53
82) 4-Chlorotoluene	11.432	91	129943	20.615	ug/l	100
83) tert-Butylbenzene	11.695	119	128952	20.049	ug/l	99
84) 1,2,4-Trimethylbenzene	11.731	105	129443	20.720	ug/l	99
85) sec-Butylbenzene	11.871	105	165405	21.376	ug/l	99
86) p-Isopropyltoluene	11.987	119	137775	20.599	ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	68516	19.162	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	69433	18.745	ug/l	99
89) n-Butylbenzene	12.316	91	127603	20.961	ug/l	100
90) Hexachloroethane	12.518	117	22551	17.074	ug/l	99
91) 1,2-Dichlorobenzene	12.316	146	64650	19.258	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.920	75	7646	18.235	ug/l	92
93) 1,2,4-Trichlorobenzene	13.566	180	42595	18.762	ug/l	100
94) Hexachlorobutadiene	13.706	225	18776	22.108	ug/l	95
95) Naphthalene	13.755	128	112756	18.747	ug/l	100
96) 1,2,3-Trichlorobenzene	13.944	180	39822	19.115	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048341.D
Acq On : 24 Oct 2025 10:15
Operator : JC/MD
Sample : VX1024WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

Quant Time: Oct 24 23:00:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

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

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

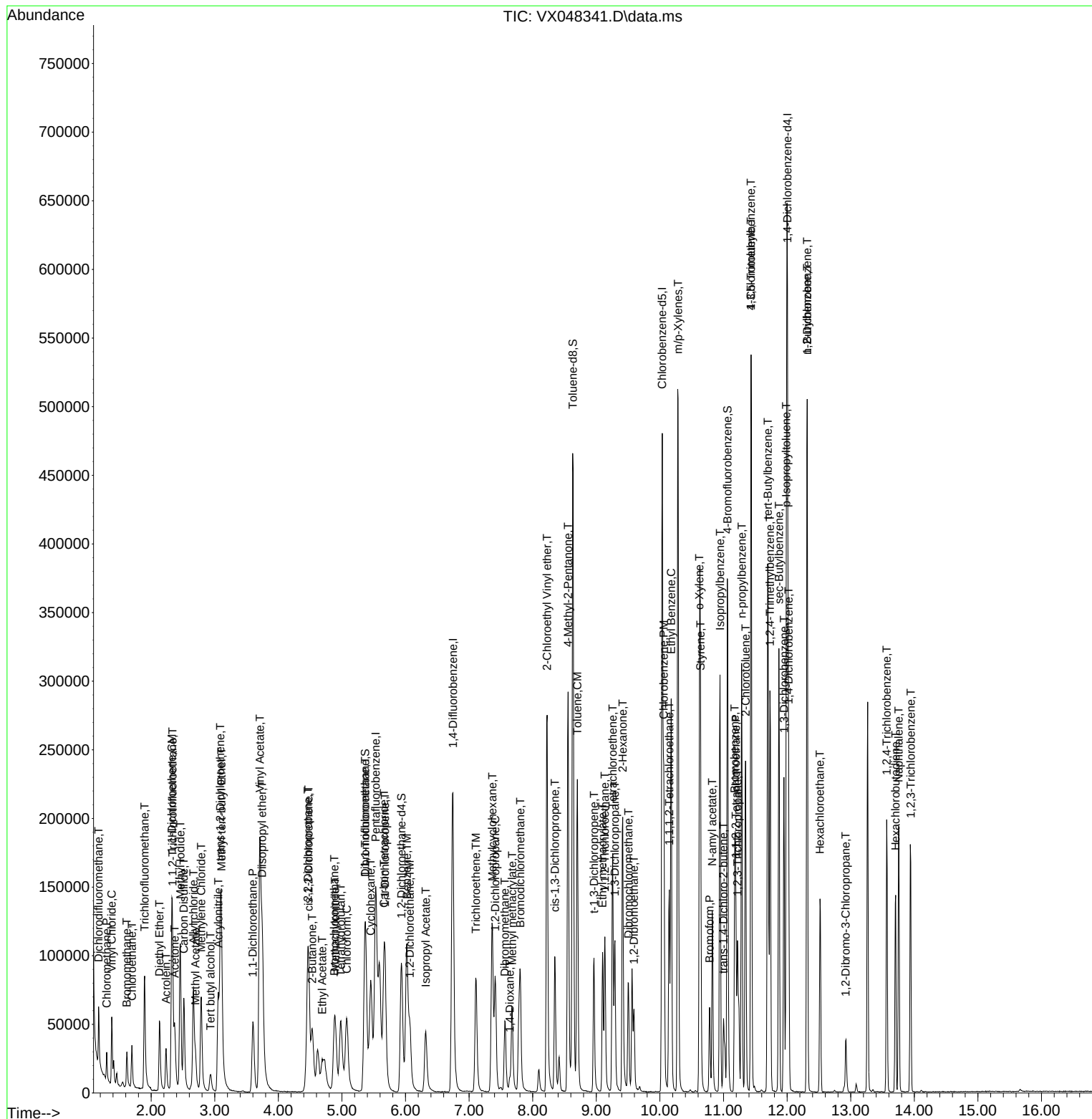
```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\  
Data File : VX048341.D  
Acq On    : 24 Oct 2025  10:15  
Operator  : JC/MD  
Sample    : VX1024WBS01  
Misc      : 5.0mL/MSVOA_X/WATER  
ALS Vial  : 4      Sample Multiplier: 1
```

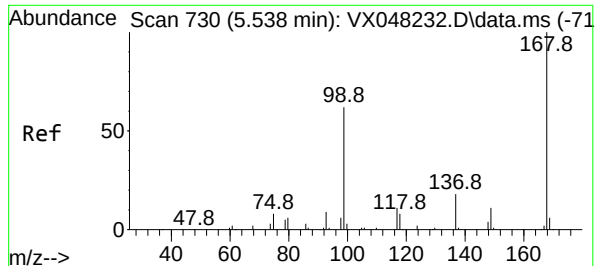
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

Quant Time: Oct 24 23:00:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration





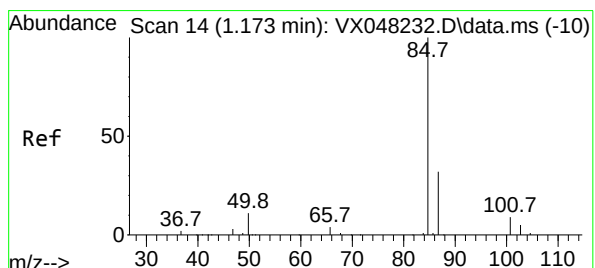
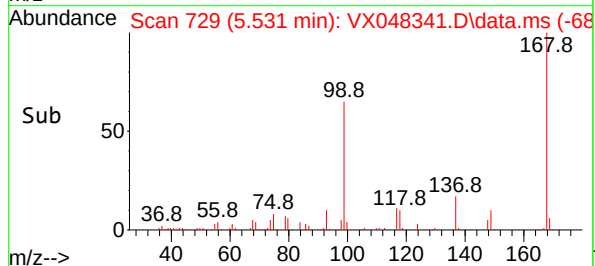
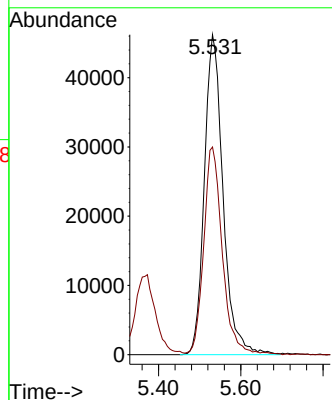
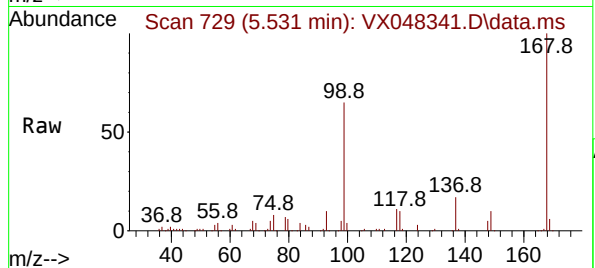
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.013 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

Tgt Ion:168 Resp: 145979
Ion Ratio Lower Upper
168 100
99 64.6 46.4 69.6

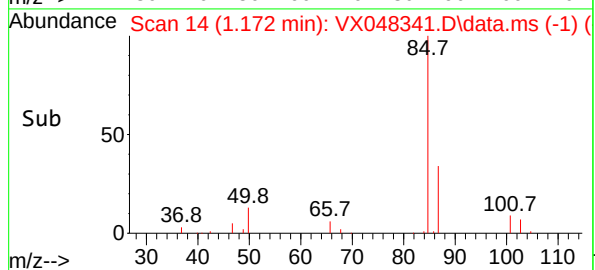
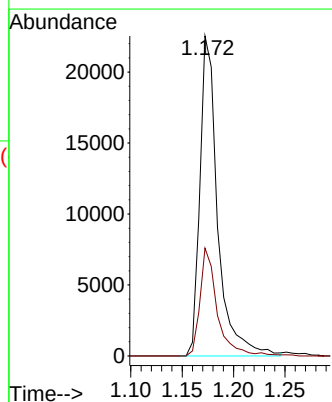
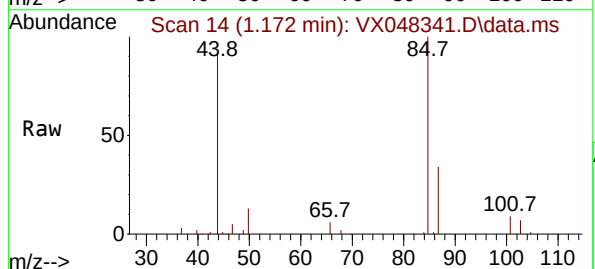
Manual Integrations
APPROVED

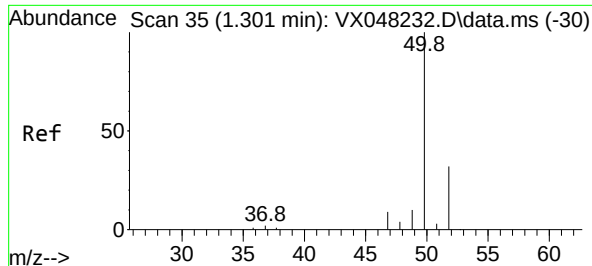
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#2
Dichlorodifluoromethane
Concen: 18.122 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

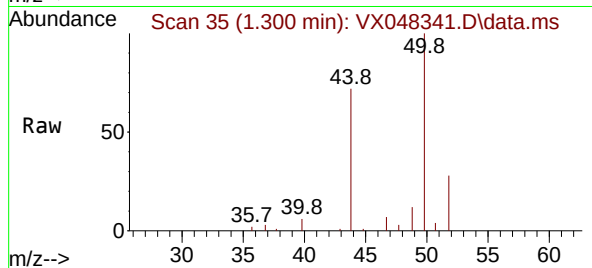
Tgt Ion: 85 Resp: 27195
Ion Ratio Lower Upper
85 100
87 33.7 15.3 45.9





#3
Chloromethane
Concen: 10.077 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

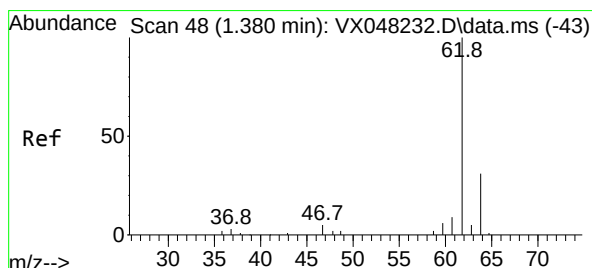
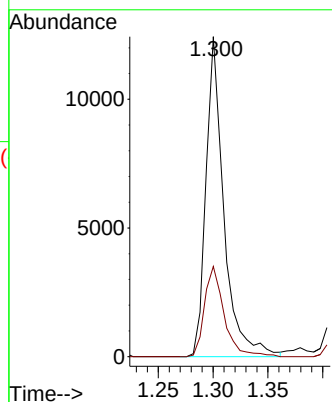
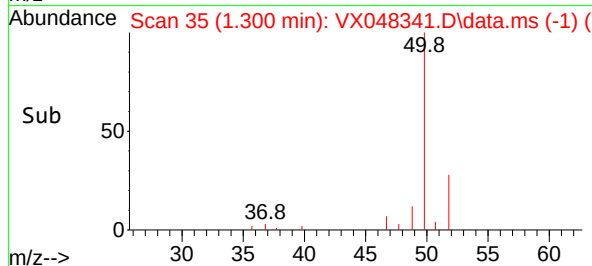
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01



Tgt Ion: 50 Resp: 1411
Ion Ratio Lower Upper
50 100
52 28.2 25.9 38.9

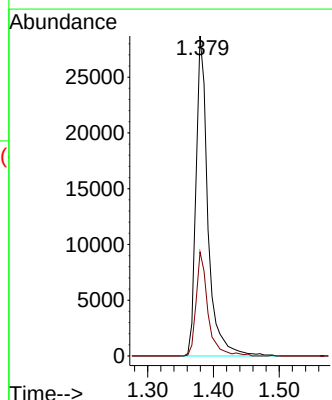
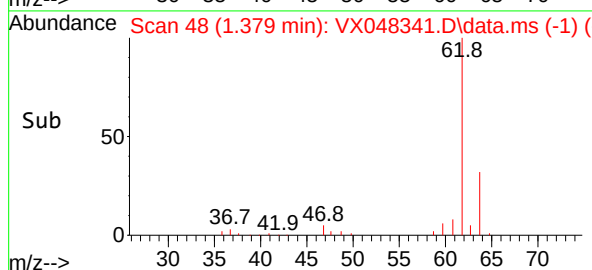
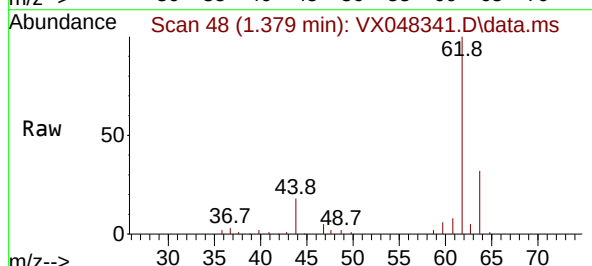
Manual Integrations
APPROVED

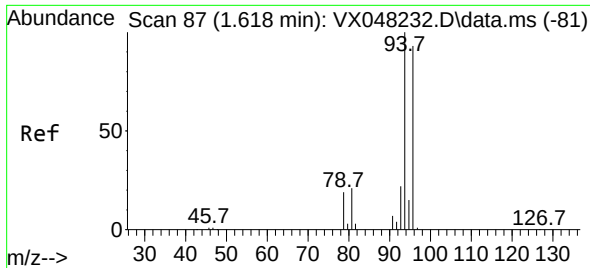
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#4
Vinyl Chloride
Concen: 27.840 ug/l
RT: 1.379 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

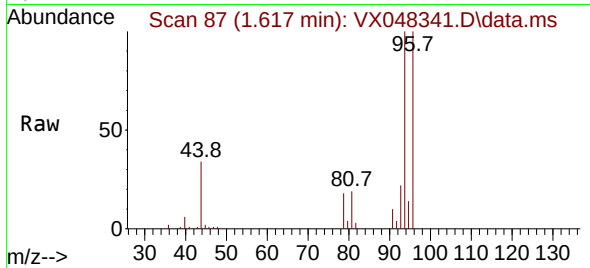
Tgt Ion: 62 Resp: 36112
Ion Ratio Lower Upper
62 100
64 32.5 25.1 37.7





#5
Bromomethane
Concen: 14.323 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

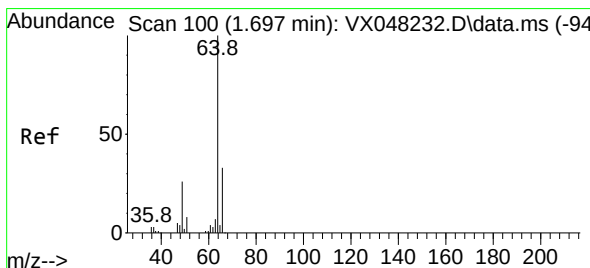
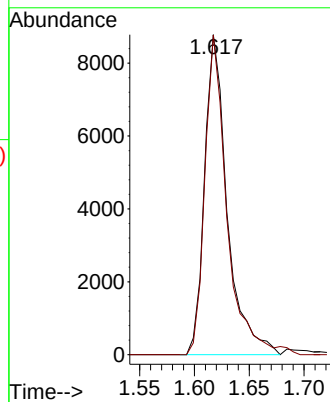
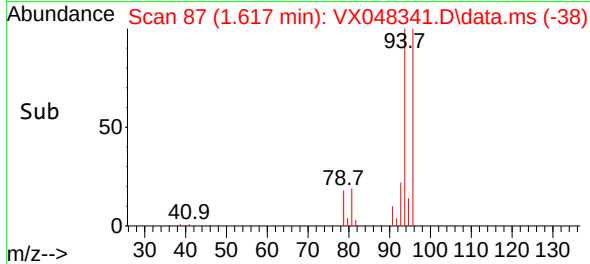
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01



Tgt Ion: 94 Resp: 12608
Ion Ratio Lower Upper
94 100
96 87.6 76.0 114.0

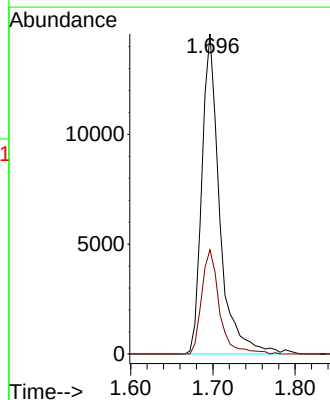
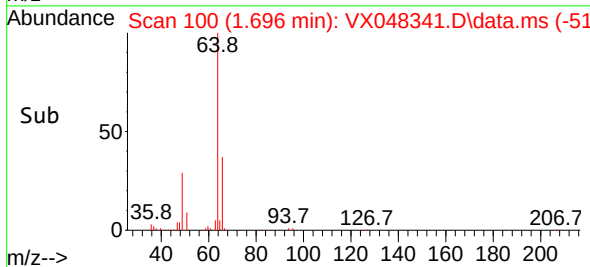
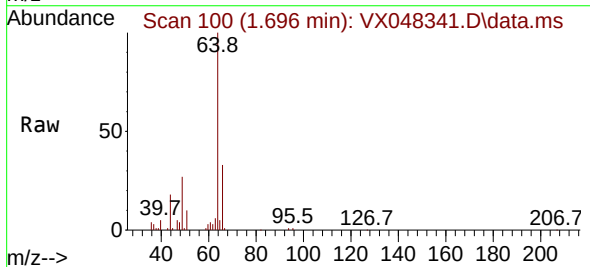
Manual Integrations
APPROVED

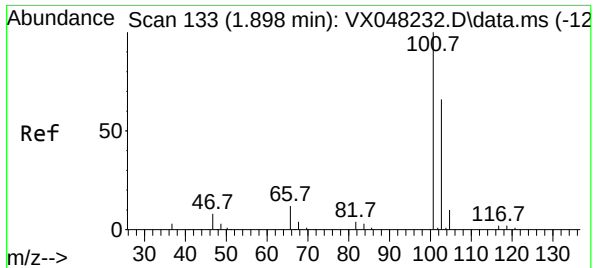
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#6
Chloroethane
Concen: 28.735 ug/l
RT: 1.696 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

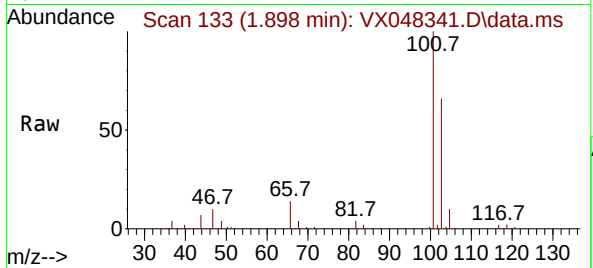
Tgt Ion: 64 Resp: 21902
Ion Ratio Lower Upper
64 100
66 32.6 23.9 35.9





#7
Trichlorofluoromethane
Concen: 24.842 ug/l
RT: 1.898 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

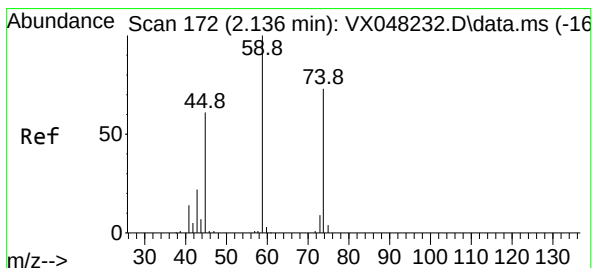
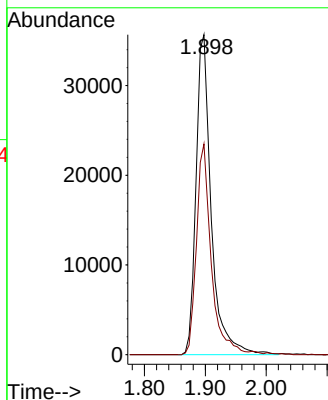
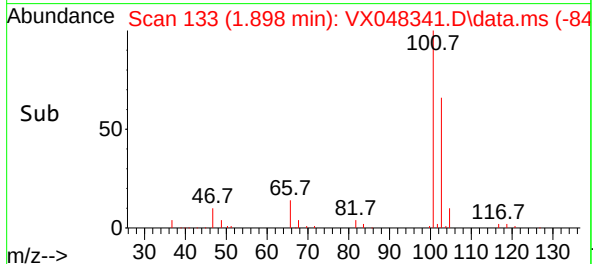
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01



Tgt Ion:101 Resp: 61799
Ion Ratio Lower Upper
101 100
103 65.9 51.6 77.4

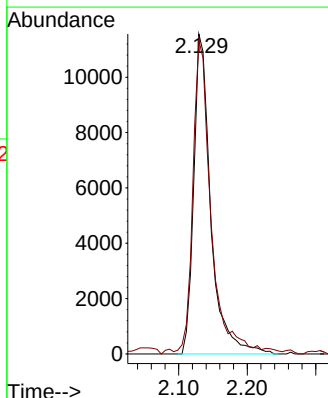
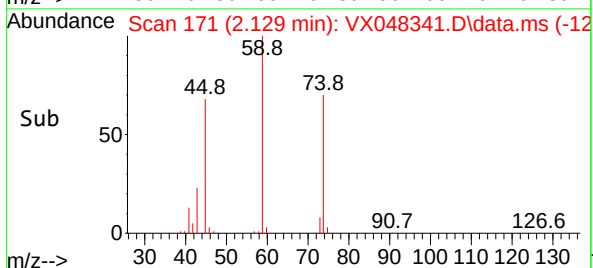
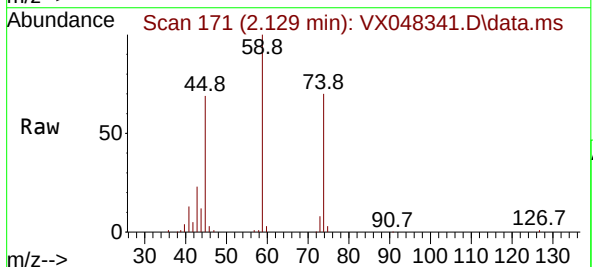
Manual Integrations
APPROVED

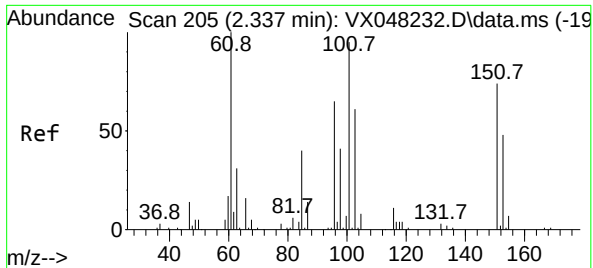
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#8
Diethyl Ether
Concen: 28.600 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 74 Resp: 20019
Ion Ratio Lower Upper
74 100
45 106.0 50.0 149.8





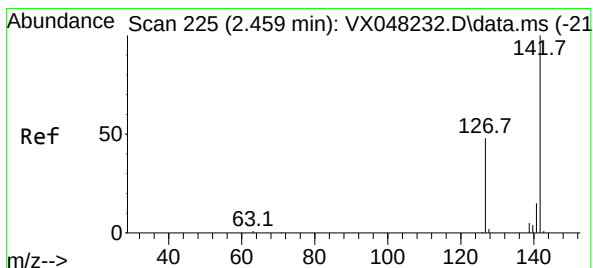
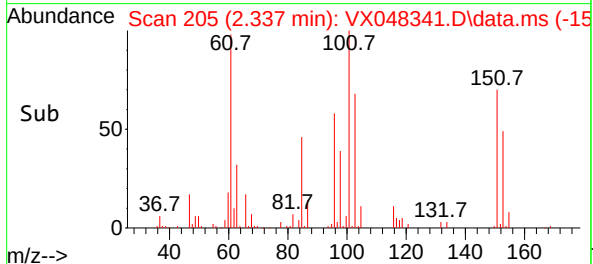
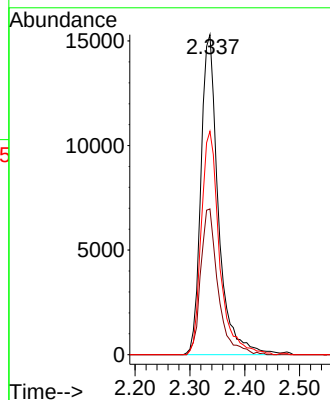
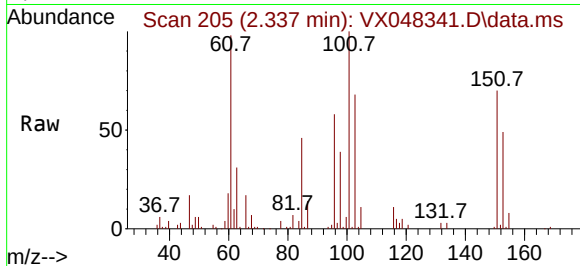
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.529 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

Tgt Ion:101 Resp: 33915
Ion Ratio Lower Upper
101 100
85 45.5 35.6 53.4
151 72.7 58.0 87.0

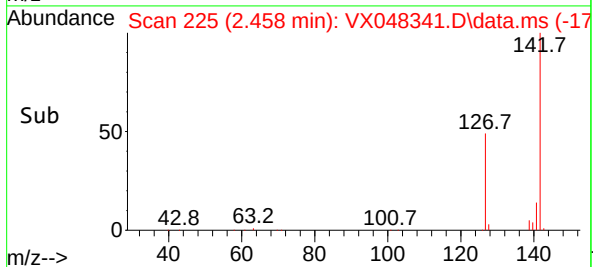
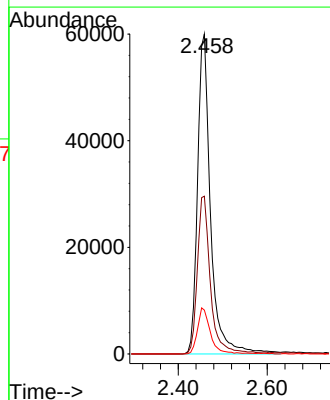
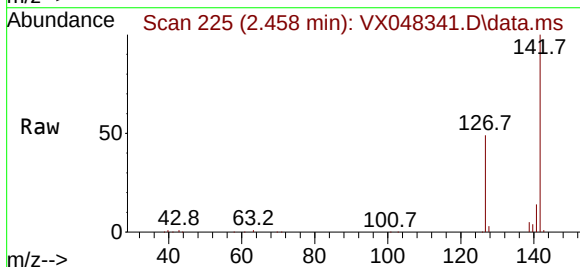
Manual Integrations
APPROVED

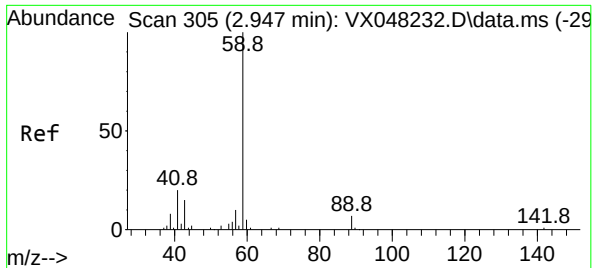
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#10
Methyl Iodide
Concen: 61.528 ug/l
RT: 2.458 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:142 Resp: 121848
Ion Ratio Lower Upper
142 100
127 49.5 38.5 57.7
141 14.6 11.6 17.4





#11

Tert butyl alcohol

Concen: 79.768 ug/l

RT: 2.934 min Scan# 305

Delta R.T. -0.007 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

Tgt Ion: 59 Resp: 16210

Ion Ratio Lower Upper

59 100

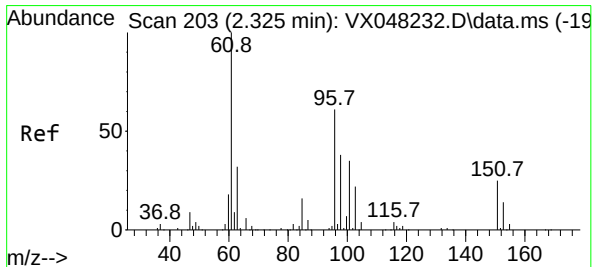
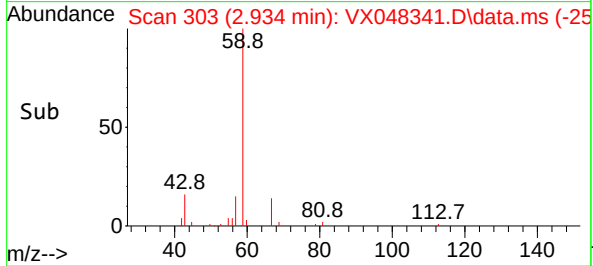
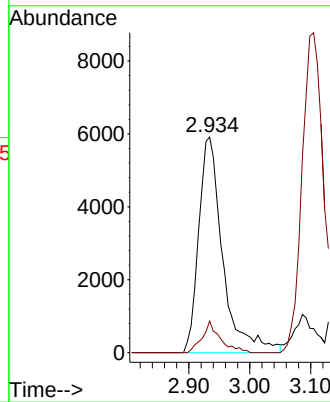
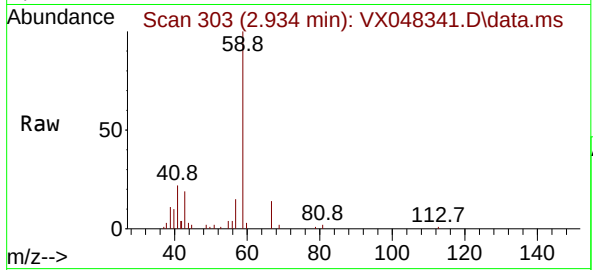
57 11.0 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#12

1,1-Dichloroethene

Concen: 20.715 ug/l

RT: 2.324 min Scan# 203

Delta R.T. -0.000 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

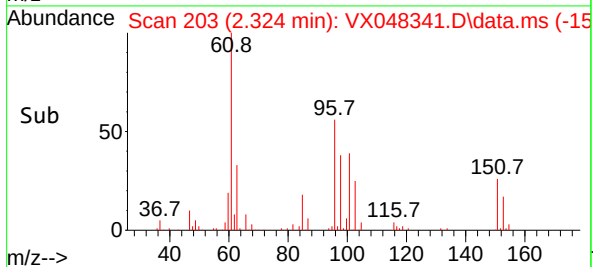
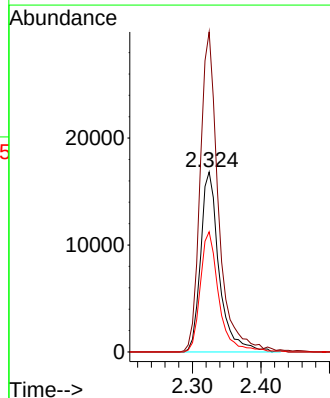
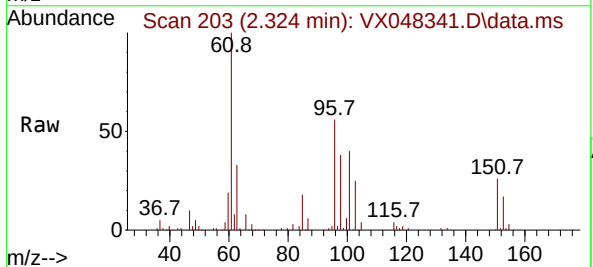
Tgt Ion: 96 Resp: 31747

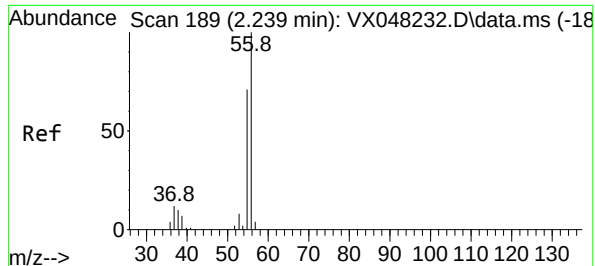
Ion Ratio Lower Upper

96 100

61 177.7 139.0 208.6

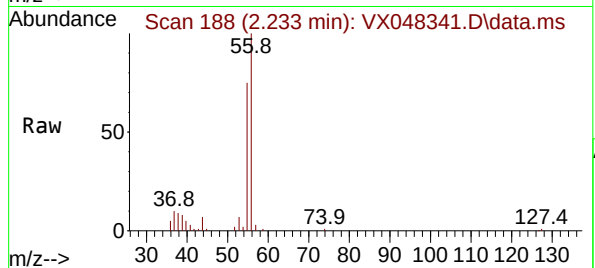
98 66.7 52.4 78.6





#13
Acrolein
Concen: 122.255 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

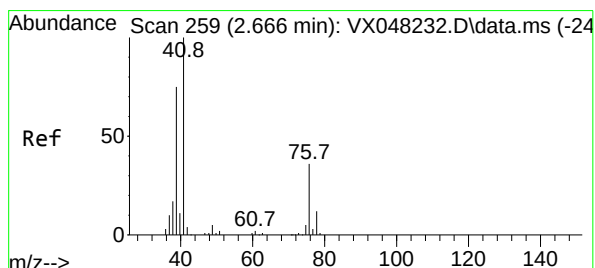
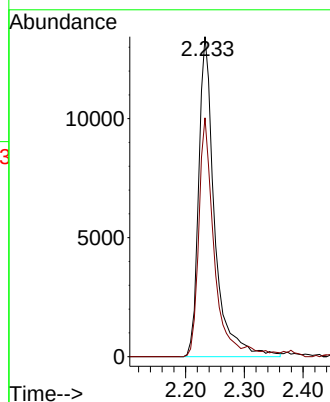
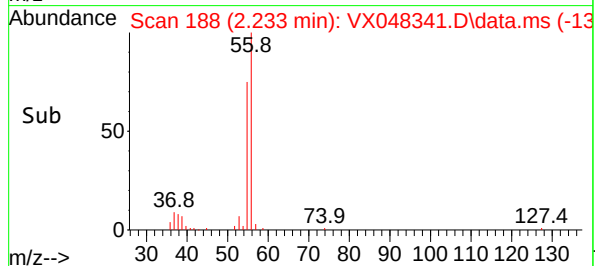
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01



Tgt Ion: 56 Resp: 25338
Ion Ratio Lower Upper
56 100
55 70.1 56.1 84.1

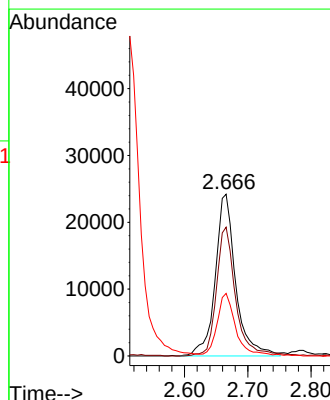
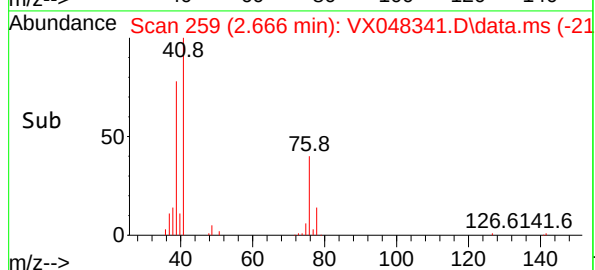
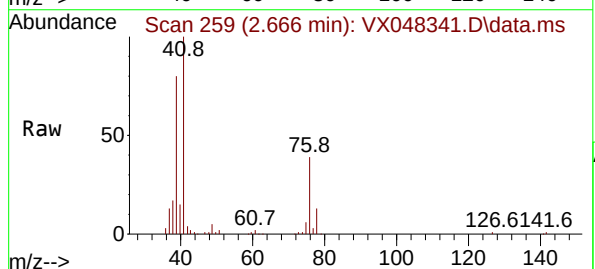
Manual Integrations
APPROVED

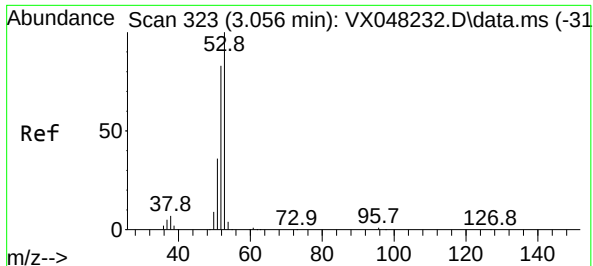
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#14
Allyl chloride
Concen: 21.344 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 41 Resp: 54311
Ion Ratio Lower Upper
41 100
39 74.9 56.0 84.0
76 35.5 27.5 41.3





#15

Acrylonitrile

Concen: 96.210 ug/l

RT: 3.056 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

Tgt Ion: 53 Resp: 70500

Ion Ratio Lower Upper

53 100

52 83.5 66.1 99.1

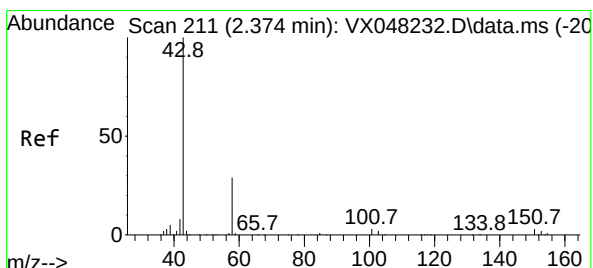
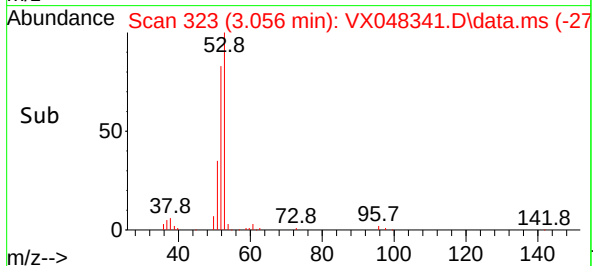
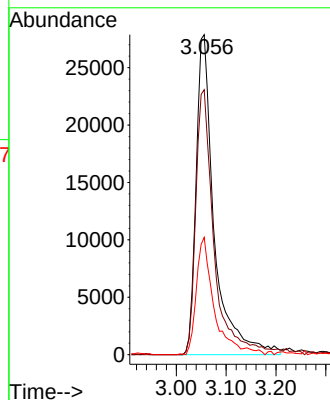
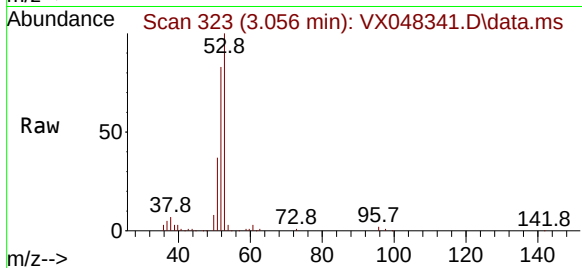
51 36.1 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#16

Acetone

Concen: 69.111 ug/l

RT: 2.367 min Scan# 210

Delta R.T. -0.007 min

Lab File: VX048341.D

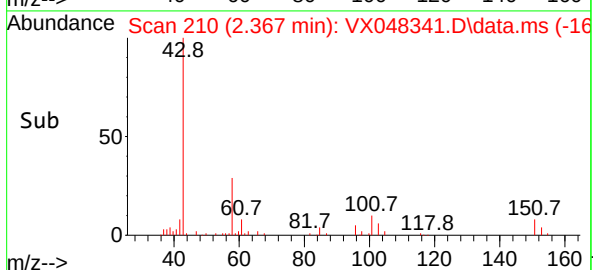
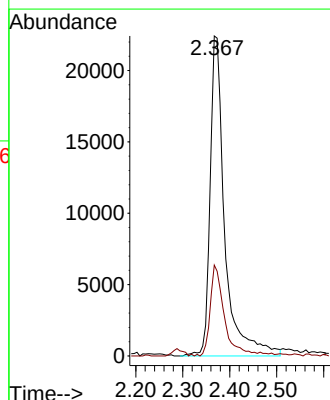
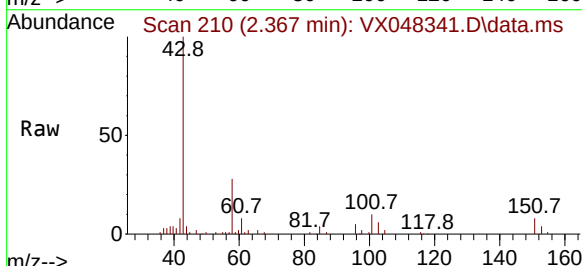
Acq: 24 Oct 2025 10:15

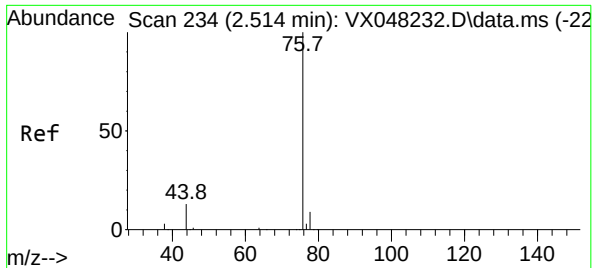
Tgt Ion: 43 Resp: 48526

Ion Ratio Lower Upper

43 100

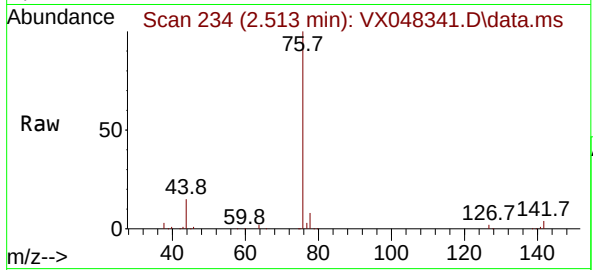
58 28.2 23.4 35.2





#17
Carbon Disulfide
Concen: 18.310 ug/l
RT: 2.513 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

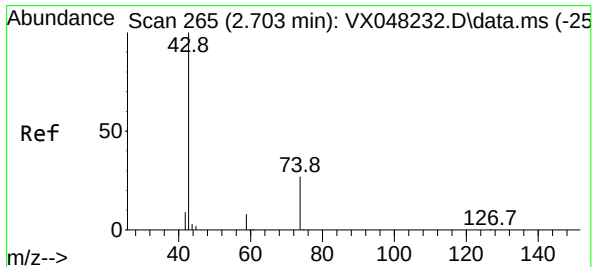
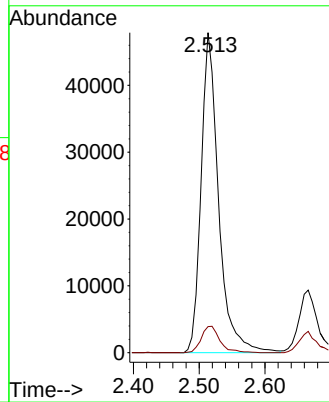
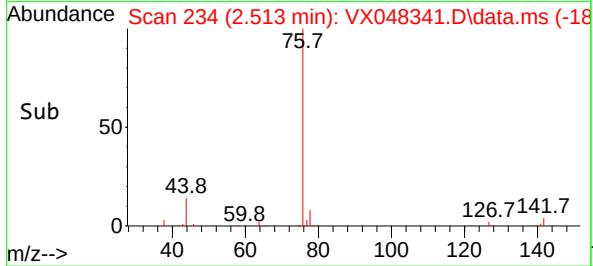
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01



Tgt Ion: 76 Resp: 88439
Ion Ratio Lower Upper
76 100
78 8.2 7.1 10.7

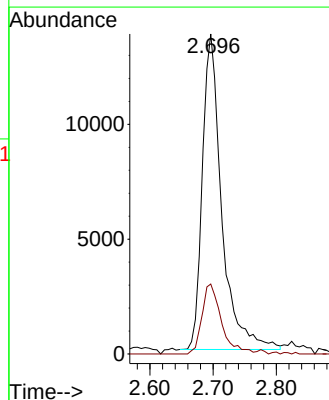
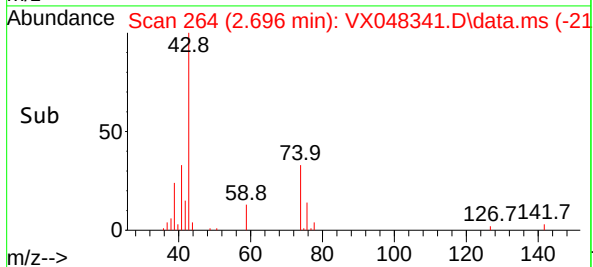
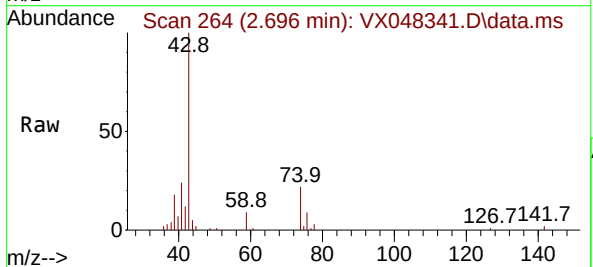
Manual Integrations
APPROVED

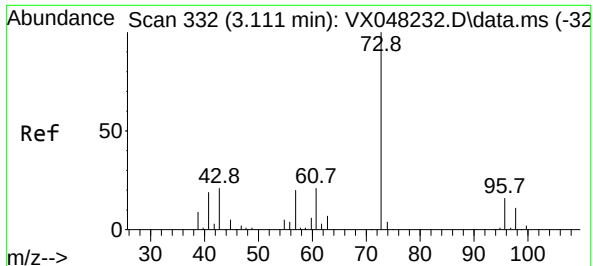
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#18
Methyl Acetate
Concen: 19.976 ug/l
RT: 2.696 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 43 Resp: 29292
Ion Ratio Lower Upper
43 100
74 22.2 17.5 26.3





#19

Methyl tert-butyl Ether

Concen: 20.250 ug/l

RT: 3.105 min Scan# 31

Delta R.T. -0.007 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

Tgt Ion: 73 Resp: 10587

Ion Ratio Lower Upper

73 100

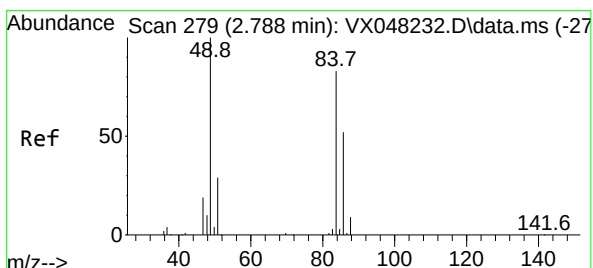
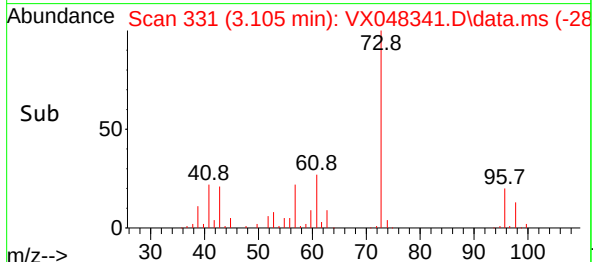
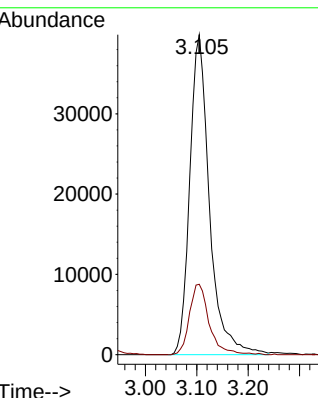
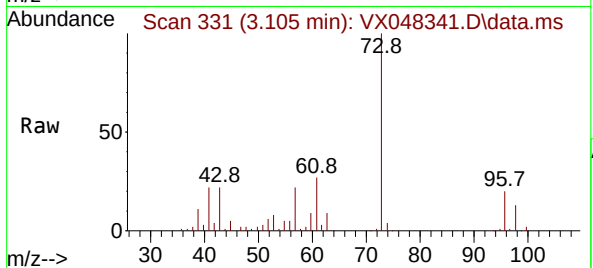
57 22.0 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#20

Methylene Chloride

Concen: 20.172 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Tgt Ion: 84 Resp: 34512

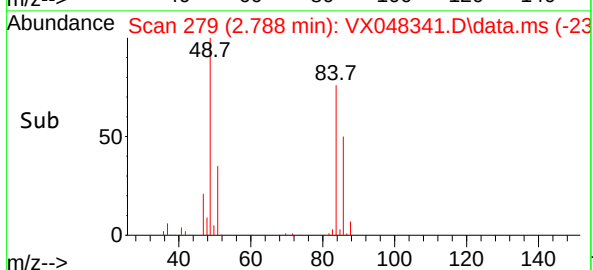
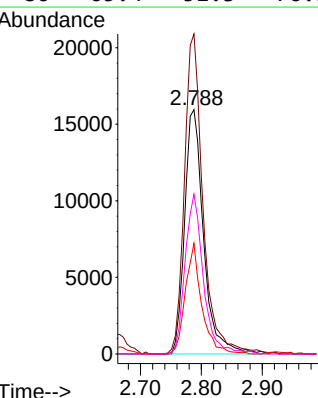
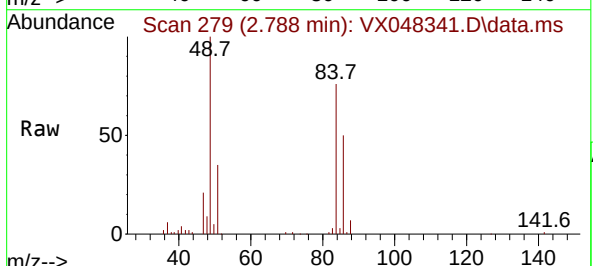
Ion Ratio Lower Upper

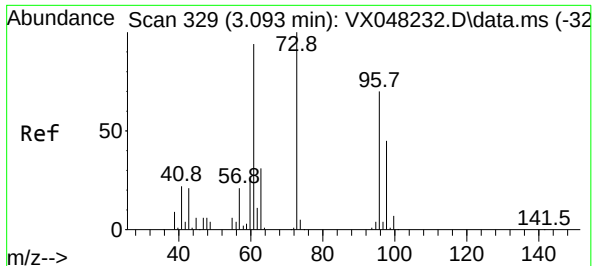
84 100

49 130.5 104.1 156.1

51 45.2 31.3 46.9

86 65.4 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 20.223 ug/l

RT: 3.086 min Scan# 31

Delta R.T. -0.007 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

Tgt Ion: 96 Resp: 3404

Ion Ratio Lower Upper

96 100

61 138.1 111.9 167.9

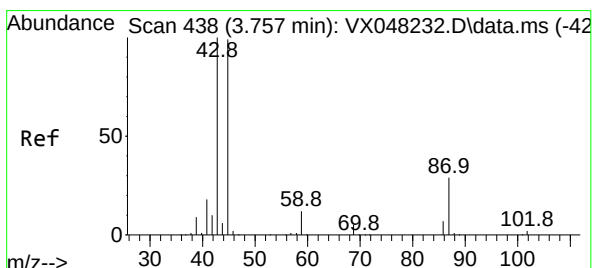
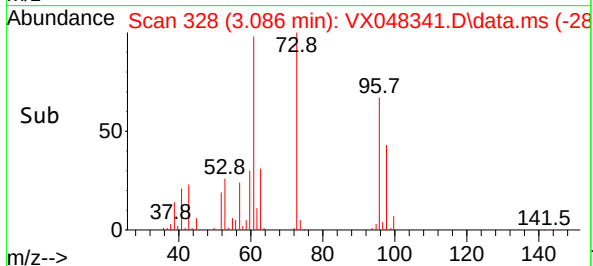
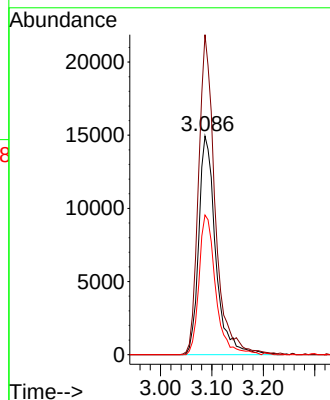
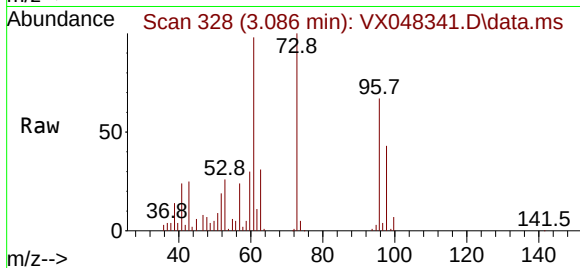
98 60.3 51.2 76.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#22

Diisopropyl ether

Concen: 23.336 ug/l

RT: 3.745 min Scan# 436

Delta R.T. -0.007 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Tgt Ion: 45 Resp: 118430

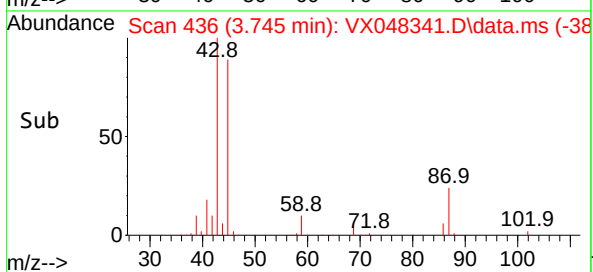
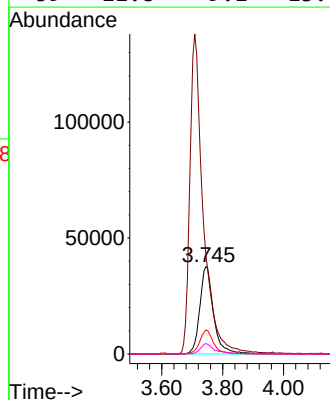
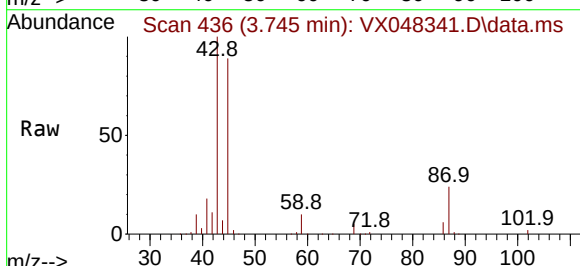
Ion Ratio Lower Upper

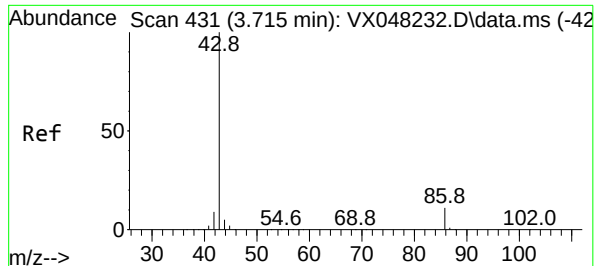
45 100

43 112.2 89.8 134.8

87 27.4 20.6 31.0

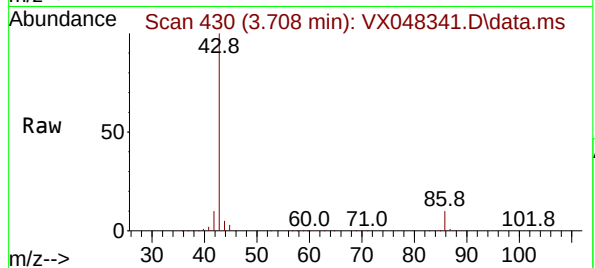
59 11.8 9.1 13.7





#23
Vinyl Acetate
Concen: 104.344 ug/l
RT: 3.708 min Scan# 41
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

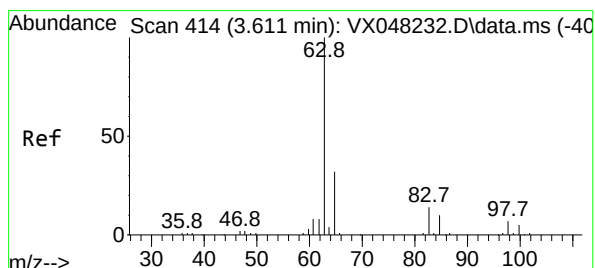
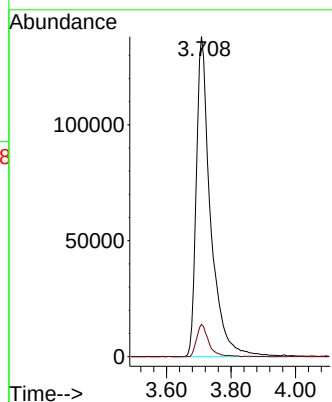
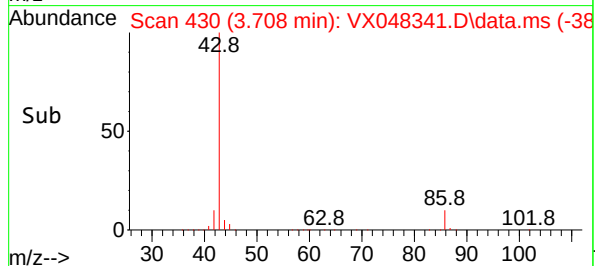
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01



Tgt Ion: 43 Resp: 423009
Ion Ratio Lower Upper
43 100
86 10.1 7.9 11.9

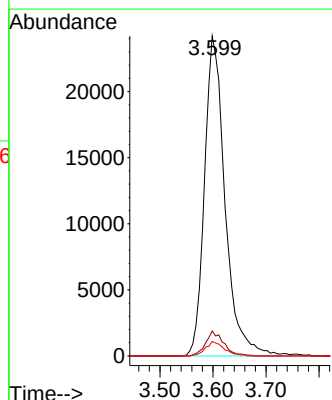
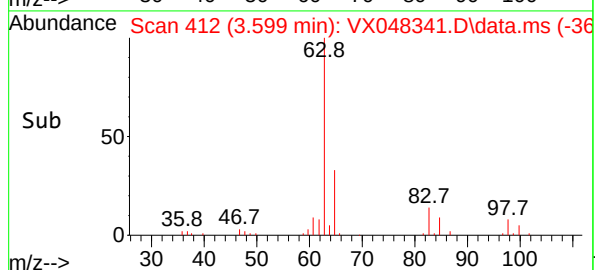
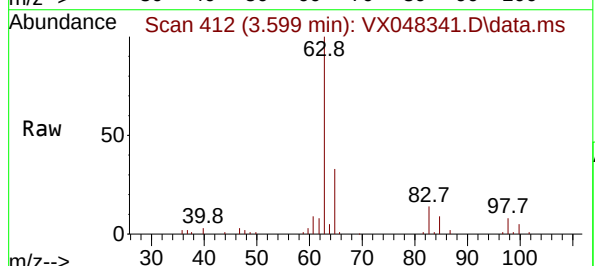
Manual Integrations
APPROVED

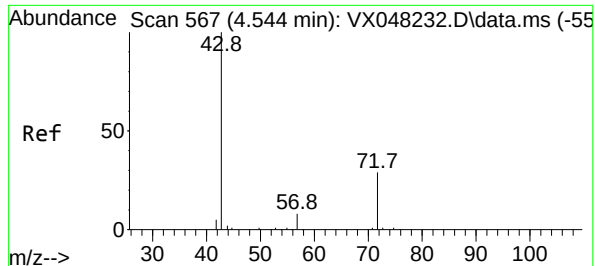
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#24
1,1-Dichloroethane
Concen: 21.207 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 63 Resp: 65078
Ion Ratio Lower Upper
63 100
98 7.8 3.5 10.6
100 4.6 2.1 6.3





#25

2-Butanone

Concen: 84.639 ug/l

RT: 4.531 min Scan# 50

Delta R.T. -0.007 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

Tgt Ion: 43 Resp: 7522

Ion Ratio Lower Upper

43

100

72

27.6

19.9

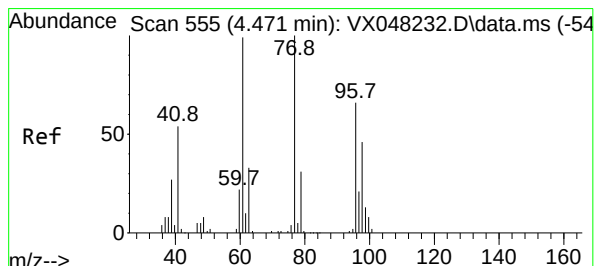
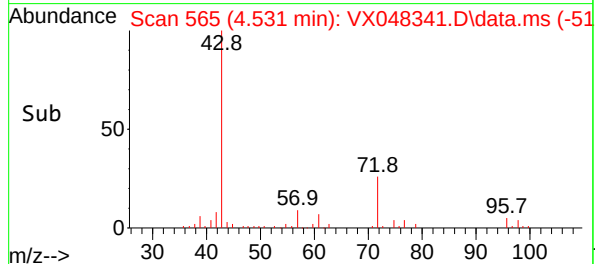
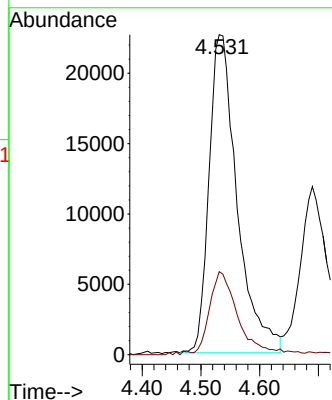
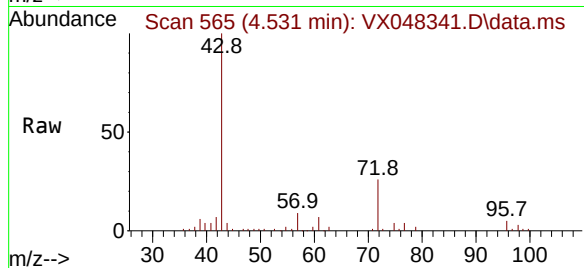
29.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#26

2,2-Dichloropropane

Concen: 20.530 ug/l

RT: 4.464 min Scan# 554

Delta R.T. -0.000 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Tgt Ion: 77 Resp: 56864

Ion Ratio Lower Upper

77

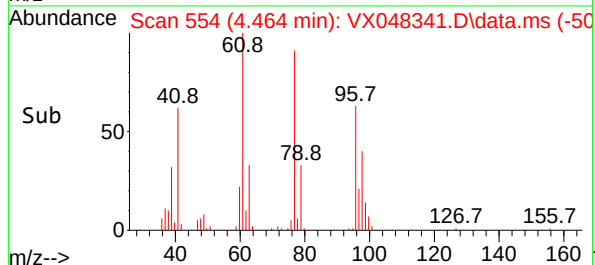
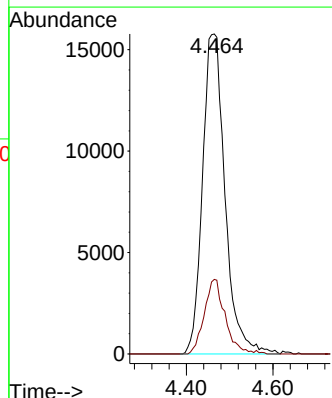
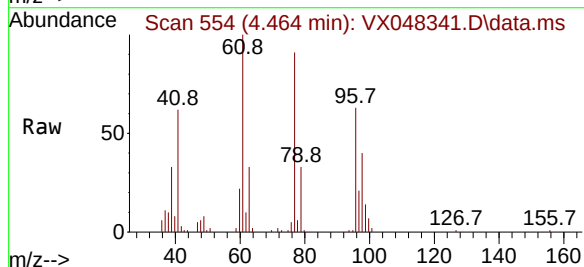
100

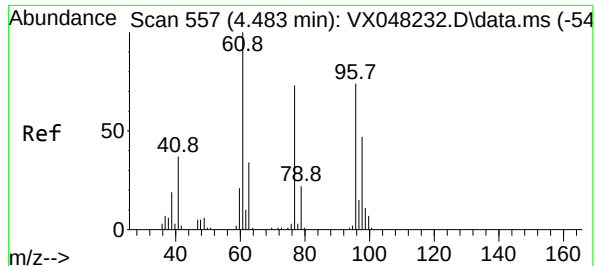
97

21.5

11.1

33.3





#27

cis-1,2-Dichloroethene

Concen: 19.955 ug/l

RT: 4.476 min Scan# 557

Delta R.T. -0.007 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

Tgt Ion: 96 Resp: 39200

Ion Ratio Lower Upper

96 100

61 154.3 0.0 294.2

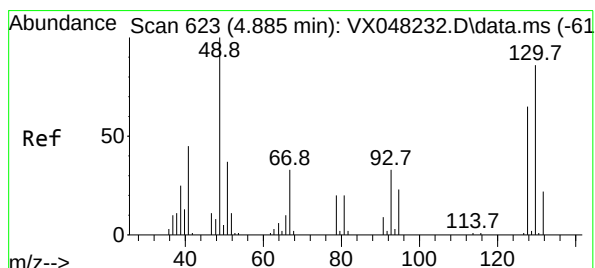
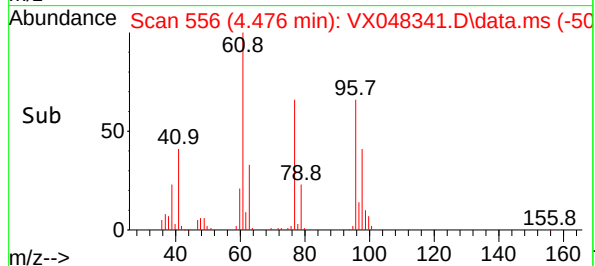
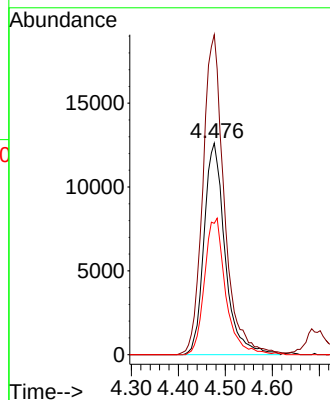
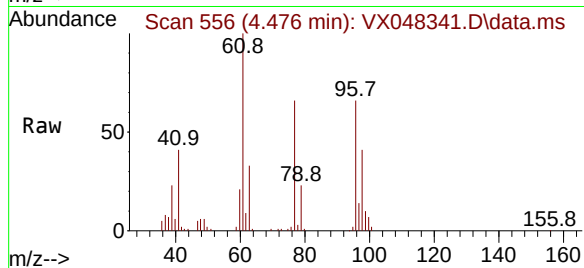
98 64.7 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#28

Bromochloromethane

Concen: 21.261 ug/l

RT: 4.879 min Scan# 622

Delta R.T. -0.007 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

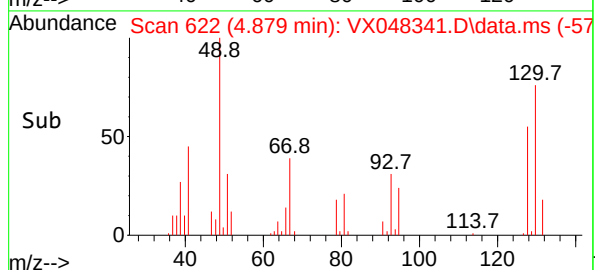
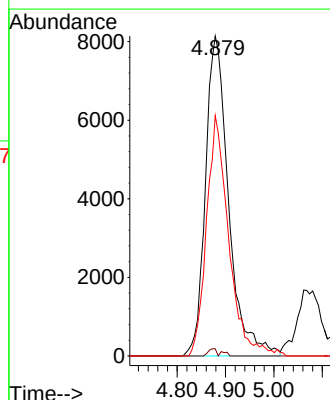
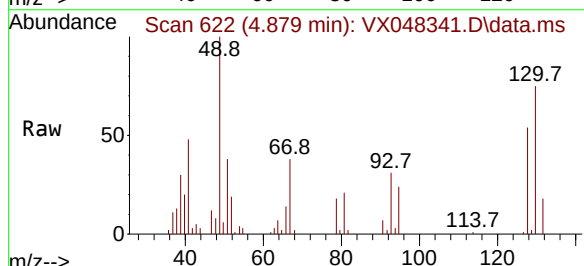
Tgt Ion: 49 Resp: 27053

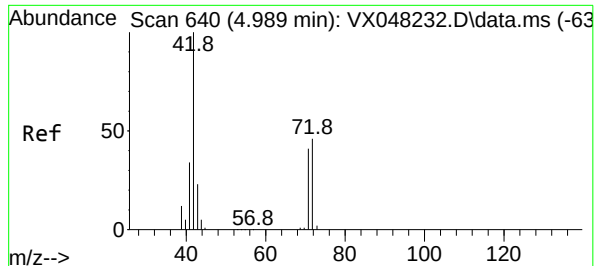
Ion Ratio Lower Upper

49 100

129 0.8 0.0 4.4

130 71.8 59.3 88.9





#29

Tetrahydrofuran

Concen: 97.222 ug/l

RT: 4.982 min Scan# 61

Delta R.T. -0.007 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

Tgt Ion: 42 Resp: 5174

Ion Ratio Lower Upper

42 100

72 45.0 35.3 52.9

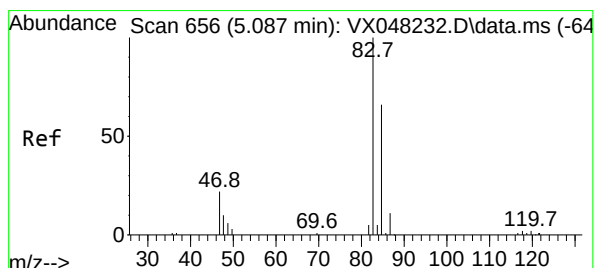
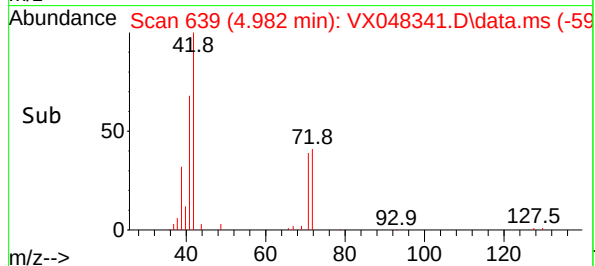
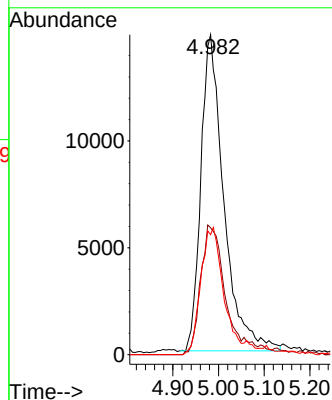
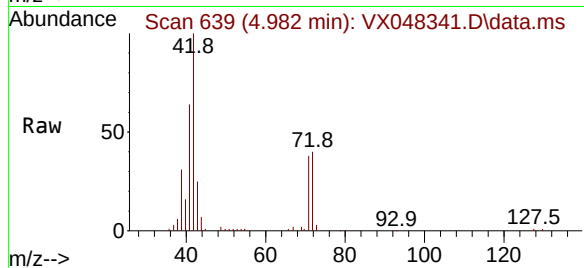
71 39.6 32.2 48.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#30

Chloroform

Concen: 20.797 ug/l

RT: 5.074 min Scan# 654

Delta R.T. -0.007 min

Lab File: VX048341.D

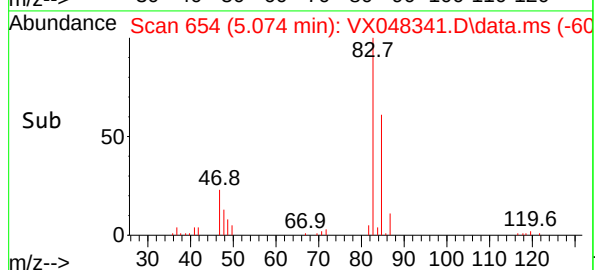
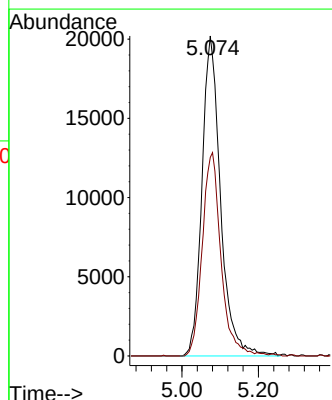
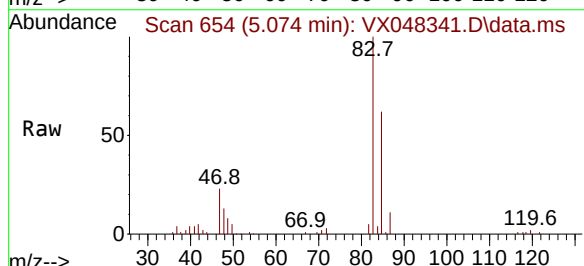
Acq: 24 Oct 2025 10:15

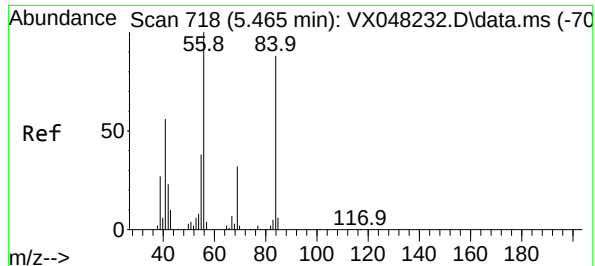
Tgt Ion: 83 Resp: 68186

Ion Ratio Lower Upper

83 100

85 62.1 50.1 75.1





#31

Cyclohexane

Concen: 22.616 ug/l

RT: 5.452 min Scan# 716

Delta R.T. -0.007 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

Tgt Ion: 56 Resp: 57458

Ion Ratio Lower Upper

56 100

69 31.5 23.0 34.6

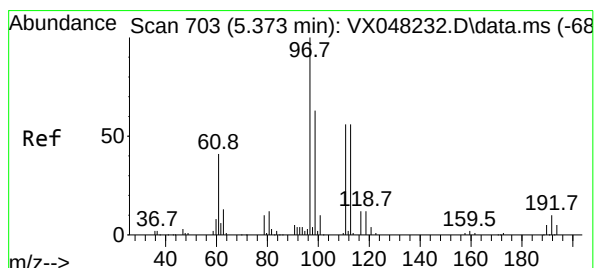
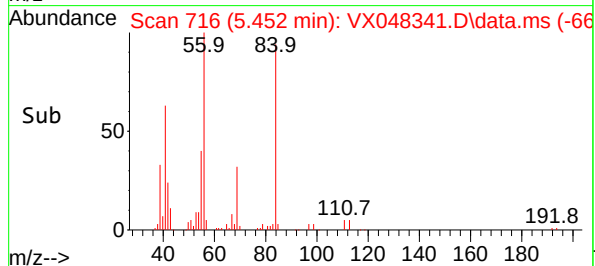
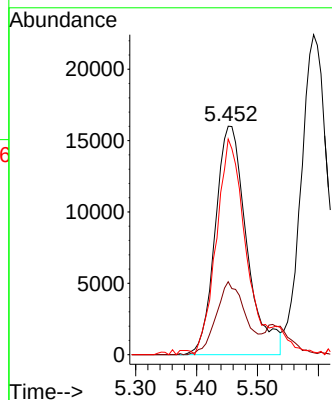
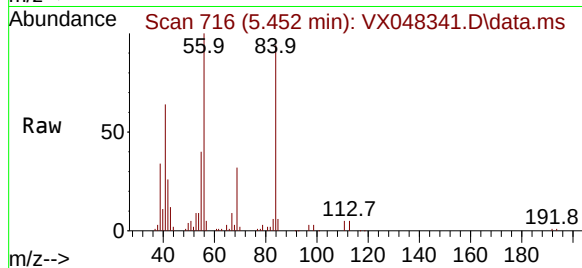
84 92.6 64.6 97.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#32

1,1,1-Trichloroethane

Concen: 20.816 ug/l

RT: 5.367 min Scan# 702

Delta R.T. -0.006 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

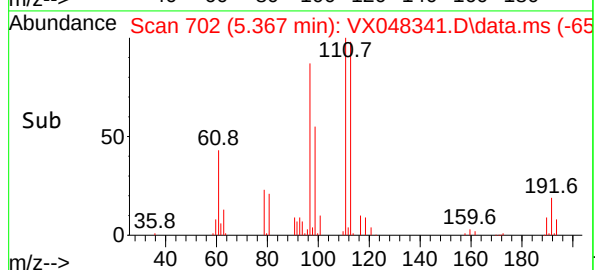
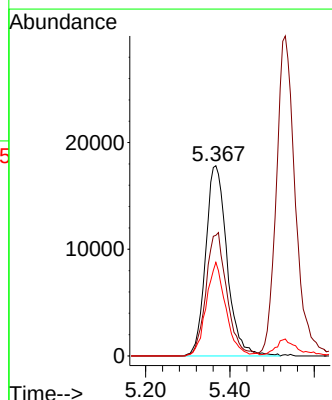
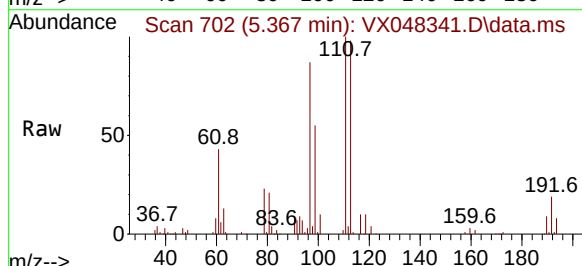
Tgt Ion: 97 Resp: 62899

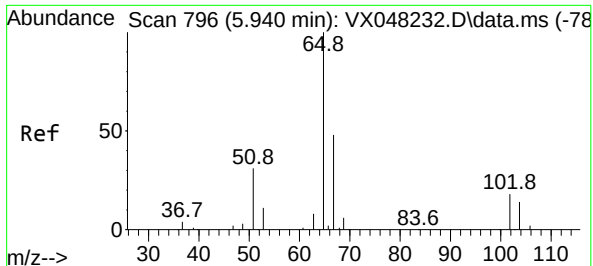
Ion Ratio Lower Upper

97 100

99 63.6 51.7 77.5

61 45.0 34.8 52.2





#33

1,2-Dichloroethane-d4

Concen: 51.275 ug/l

RT: 5.933 min Scan# 795

Delta R.T. -0.007 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

Tgt Ion: 65 Resp: 10494

Ion Ratio Lower Upper

65 100

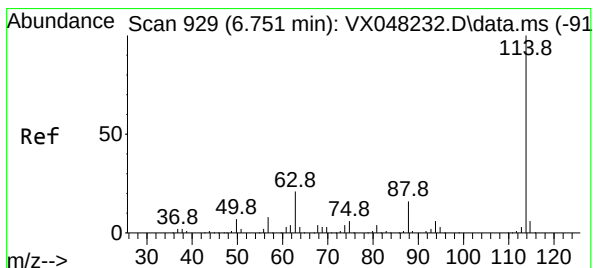
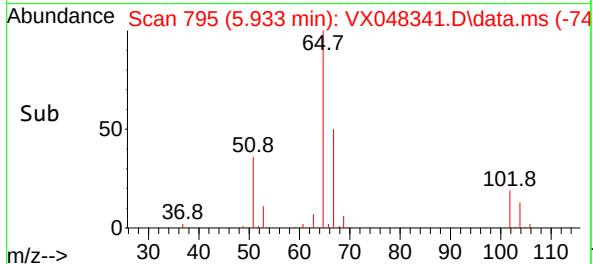
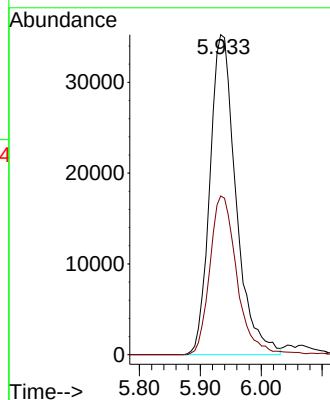
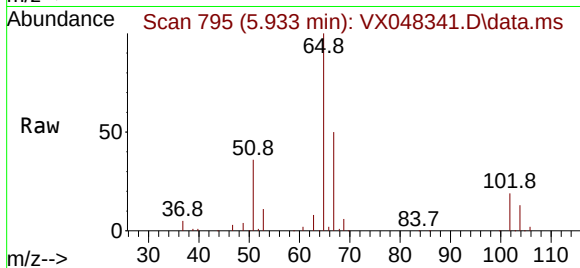
67 51.5 0.0 105.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.744 min Scan# 928

Delta R.T. -0.001 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

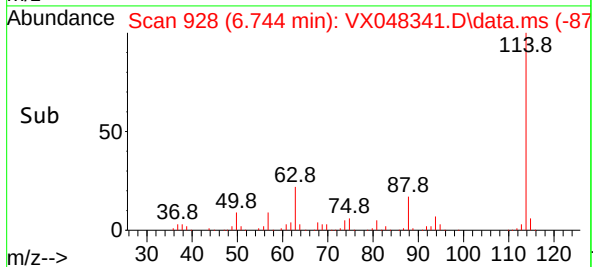
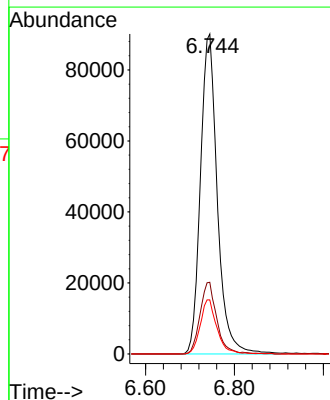
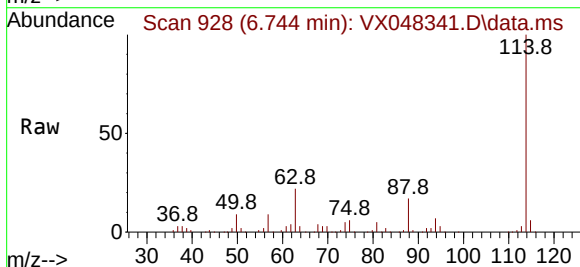
Tgt Ion:114 Resp: 238661

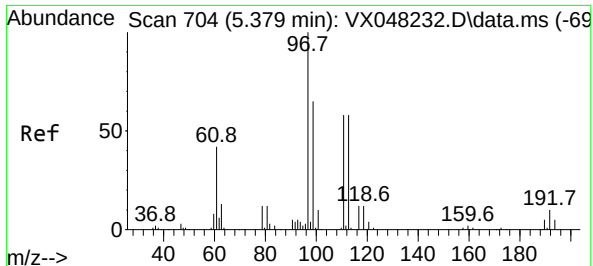
Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.2

88 16.9 0.0 33.6





#35

Dibromofluoromethane

Concen: 41.564 ug/l

RT: 5.367 min Scan# 704

Delta R.T. -0.007 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

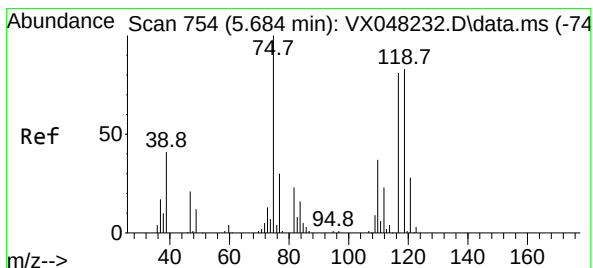
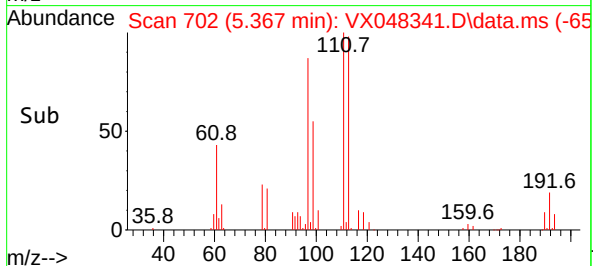
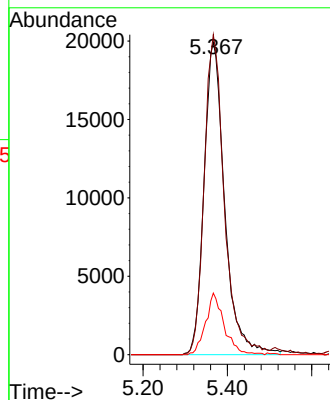
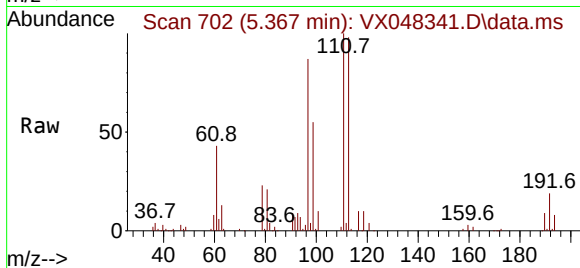
Tgt Ion:	113	Resp:	6772
Ion	Ratio	Lower	Upper
113	100		
111	99.9	82.2	123.4
192	17.8	15.1	22.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#36

1,1-Dichloropropene

Concen: 19.958 ug/l

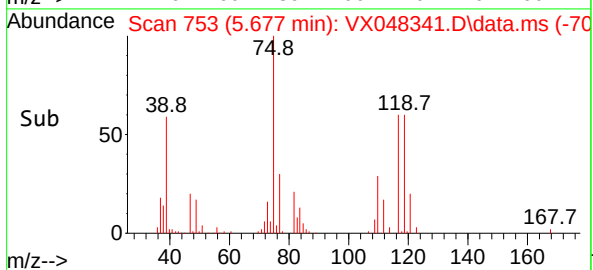
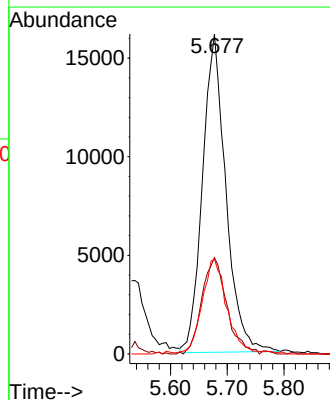
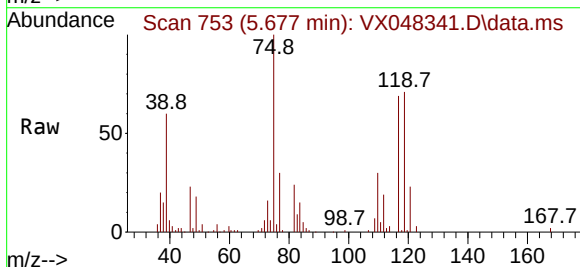
RT: 5.677 min Scan# 753

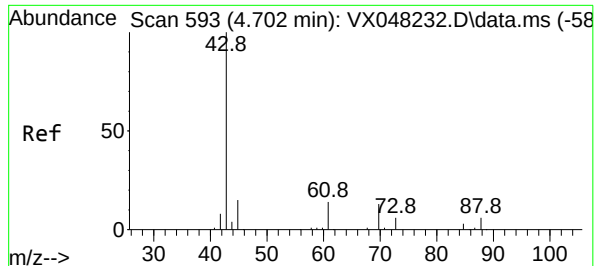
Delta R.T. -0.007 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Tgt Ion:	75	Resp:	46219
Ion	Ratio	Lower	Upper
75	100		
110	32.2	17.7	53.1
77	32.0	24.3	36.5





#37

Ethyl Acetate

Concen: 21.391 ug/l

RT: 4.690 min Scan# 593

Delta R.T. -0.007 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

Tgt Ion: 43 Resp: 4106

Ion Ratio Lower Upper

43 100

61 10.3 10.6 15.8

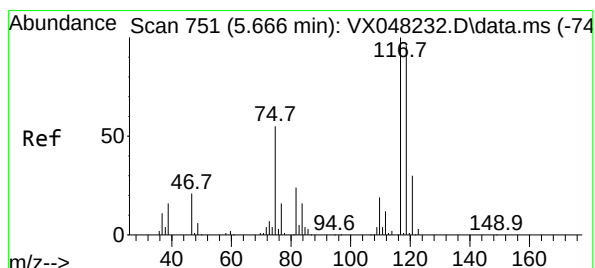
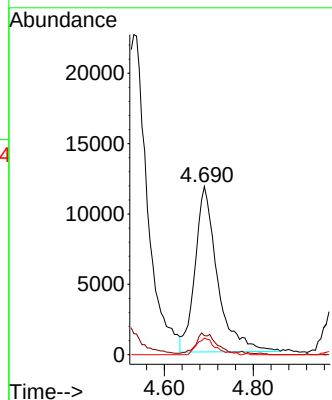
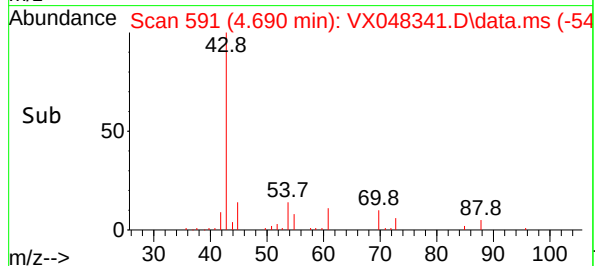
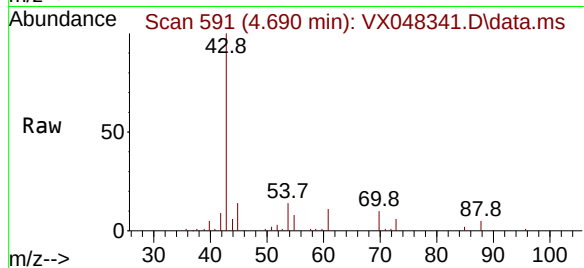
70 8.6 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#38

Carbon Tetrachloride

Concen: 18.522 ug/l

RT: 5.659 min Scan# 750

Delta R.T. -0.007 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

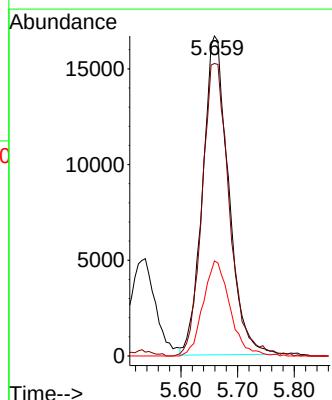
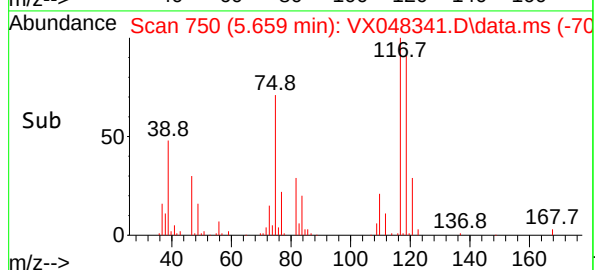
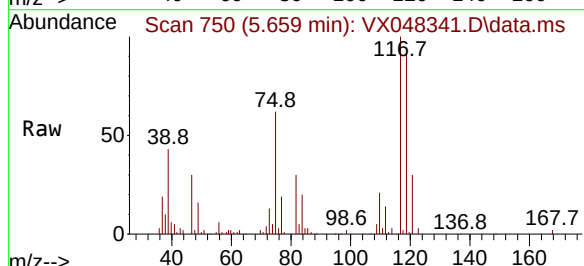
Tgt Ion:117 Resp: 52919

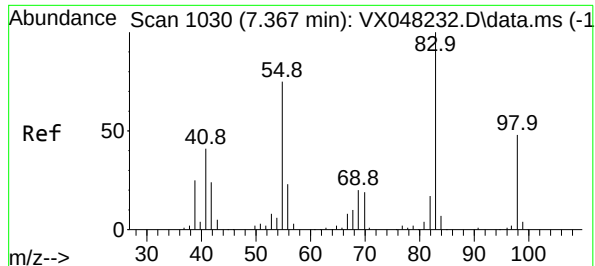
Ion Ratio Lower Upper

117 100

119 91.2 77.2 115.8

121 29.8 24.8 37.2





#39

Methylcyclohexane

Concen: 20.823 ug/l

RT: 7.366 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

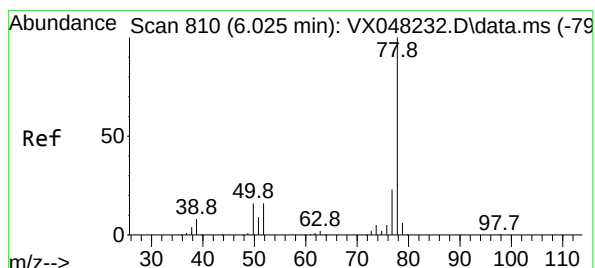
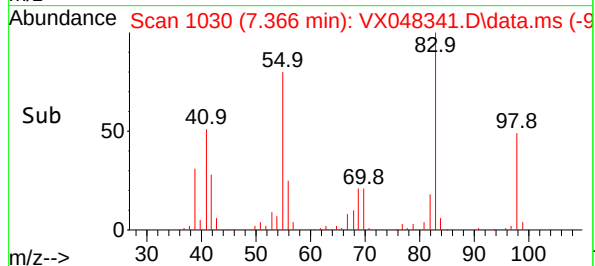
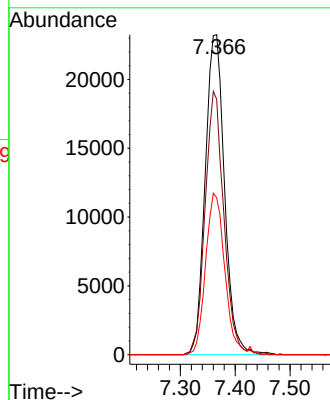
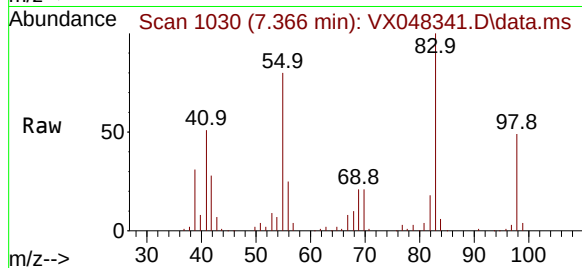
Tgt Ion:	83	Resp:	56949
Ion Ratio	Lower	Upper	
83	100		
55	79.8	66.2	99.2
98	49.1	38.9	58.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#40

Benzene

Concen: 20.165 ug/l

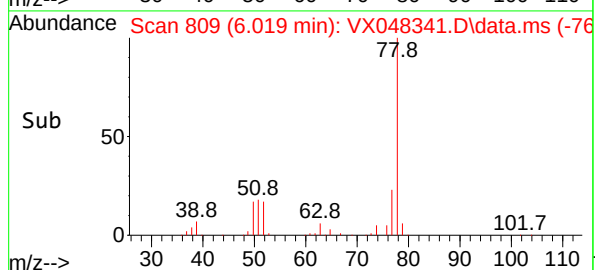
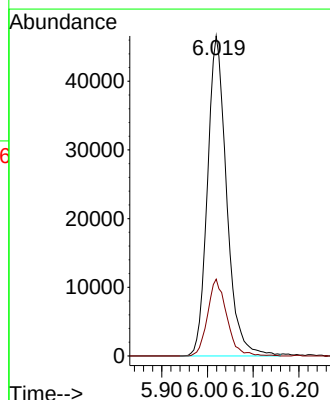
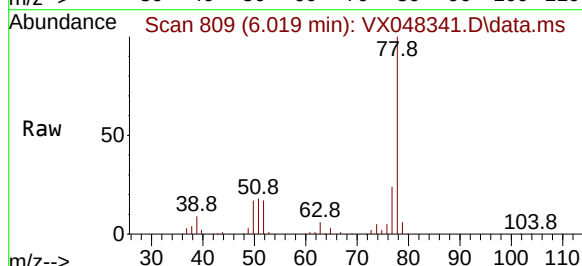
RT: 6.019 min Scan# 809

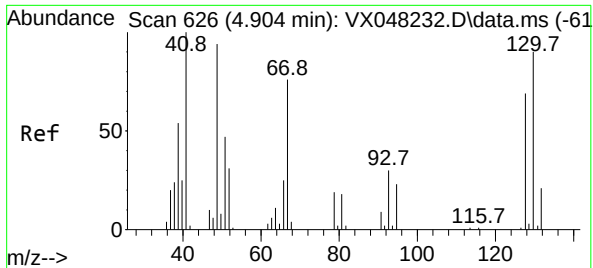
Delta R.T. -0.007 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

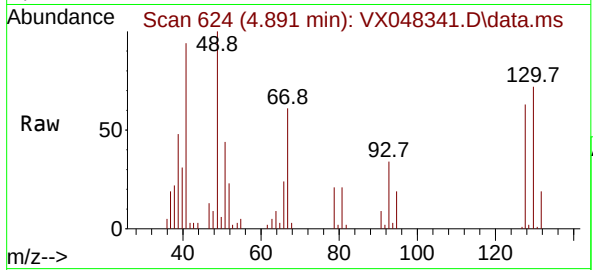
Tgt Ion:	78	Resp:	135581
Ion Ratio	Lower	Upper	
78	100		
77	24.0	19.3	28.9





#41
Methacrylonitrile
Concen: 20.817 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.013 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

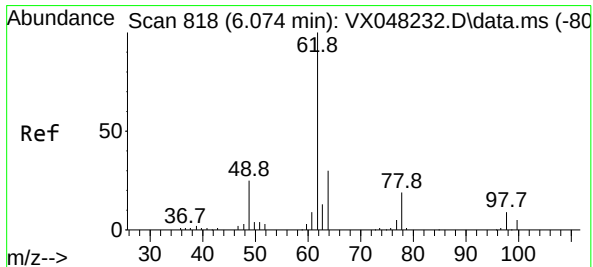
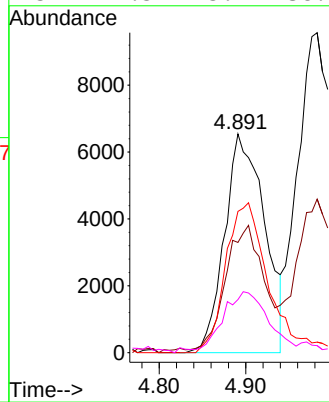
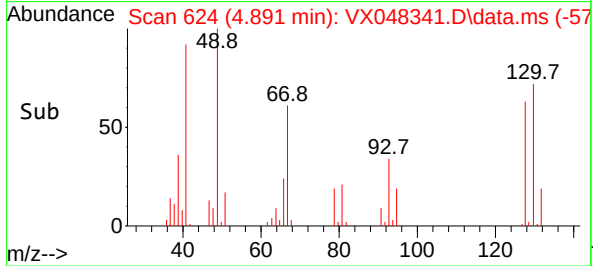
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01



Tgt Ion: 41 Resp: 20984
Ion Ratio Lower Upper
41 100
39 53.4 44.0 66.0
67 73.4 58.7 88.1
52 29.5 25.9 38.9

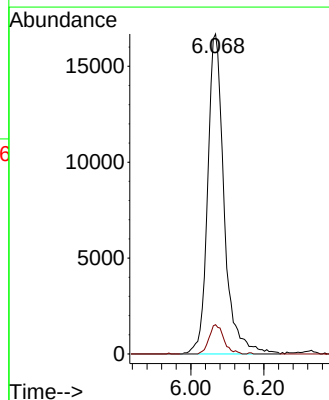
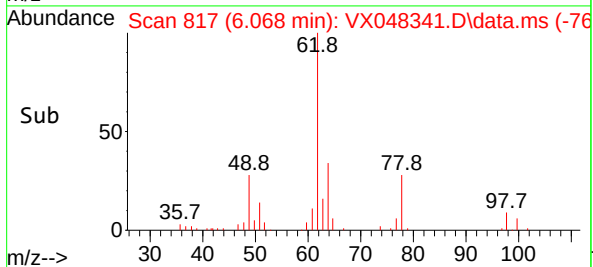
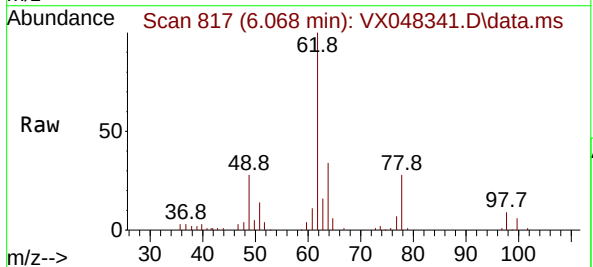
Manual Integrations
APPROVED

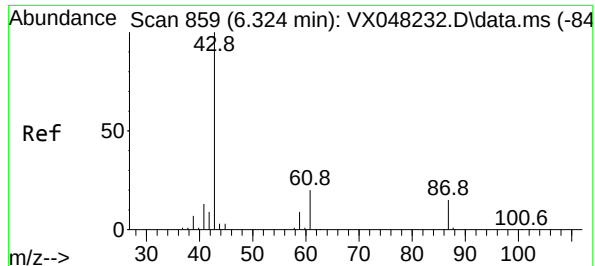
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#42
1,2-Dichloroethane
Concen: 20.965 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 62 Resp: 52014
Ion Ratio Lower Upper
62 100
98 8.2 0.0 17.2





#43

Isopropyl Acetate

Concen: 21.807 ug/l

RT: 6.318 min Scan# 858

Delta R.T. -0.007 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

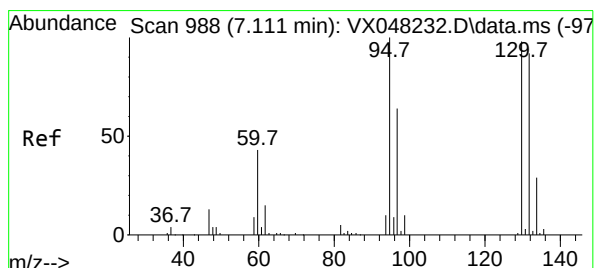
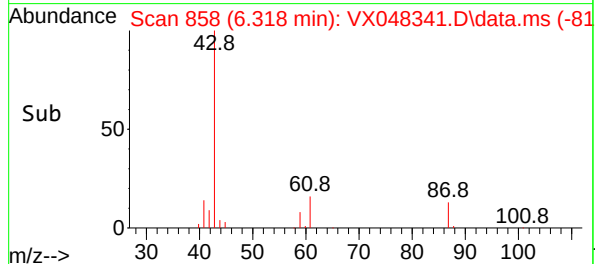
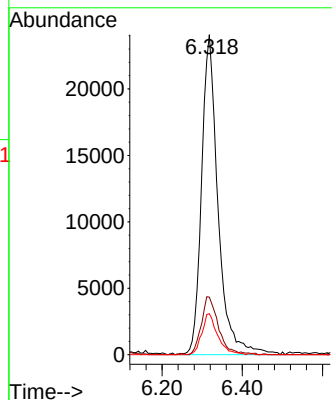
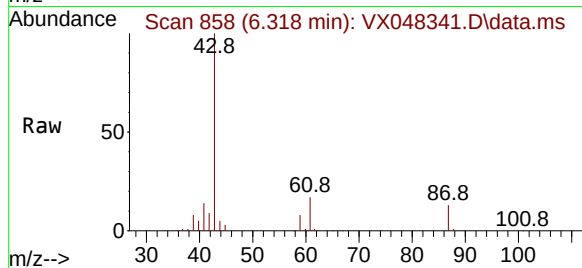
Tgt Ion:	43	Resp:	68750
Ion	Ratio	Lower	Upper
43	100		
61	18.8	14.9	22.3
87	12.3	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#44

Trichloroethene

Concen: 19.247 ug/l

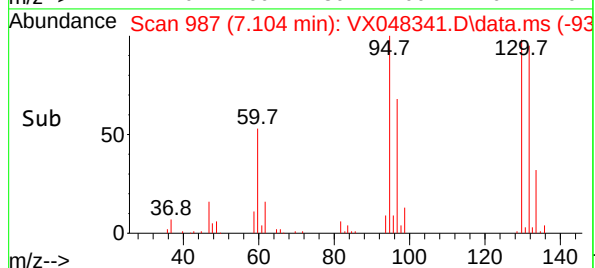
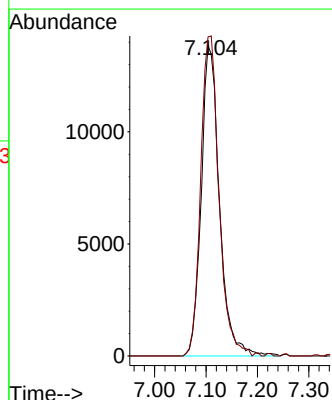
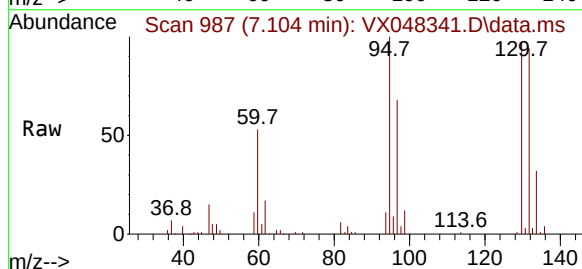
RT: 7.104 min Scan# 987

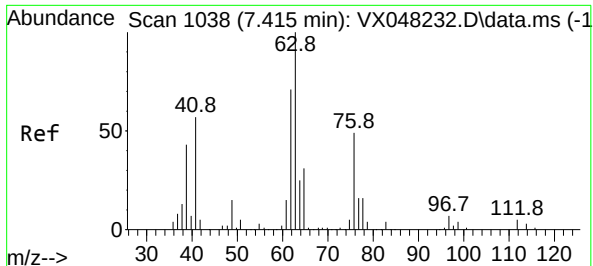
Delta R.T. -0.007 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Tgt Ion:	130	Resp:	34170
Ion	Ratio	Lower	Upper
130	100		
95	102.8	0.0	200.6





#45

1,2-Dichloropropane

Concen: 20.781 ug/l

RT: 7.409 min Scan# 1037

Delta R.T. -0.007 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

Tgt Ion: 63 Resp: 33220

Ion Ratio Lower Upper

63 100

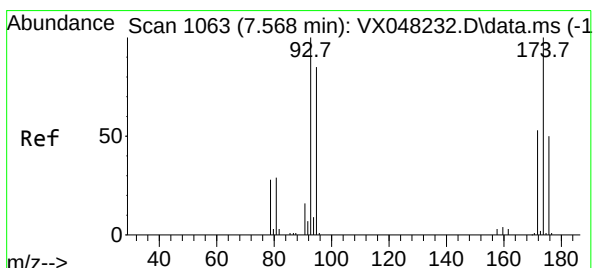
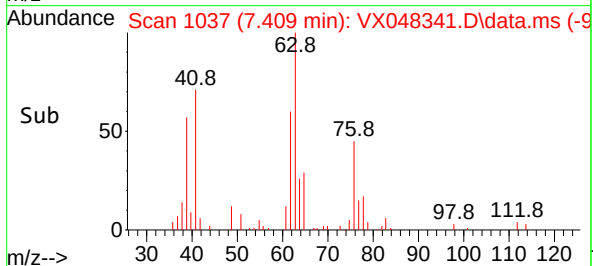
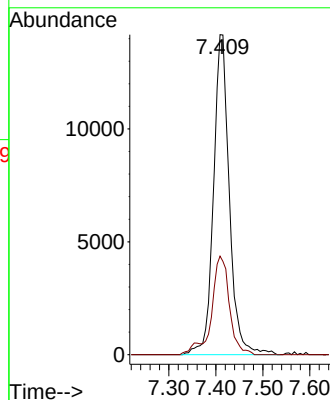
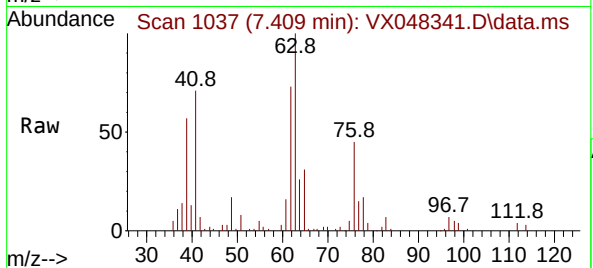
65 30.8 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#46

Dibromomethane

Concen: 19.873 ug/l

RT: 7.561 min Scan# 1062

Delta R.T. -0.007 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

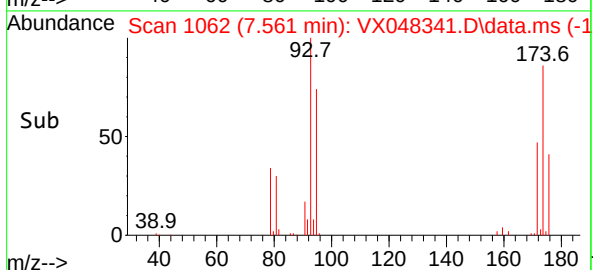
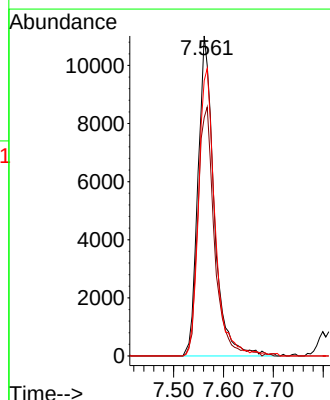
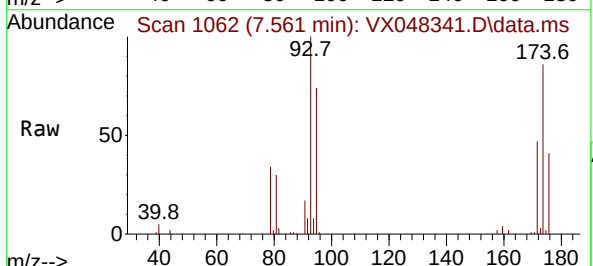
Tgt Ion: 93 Resp: 24750

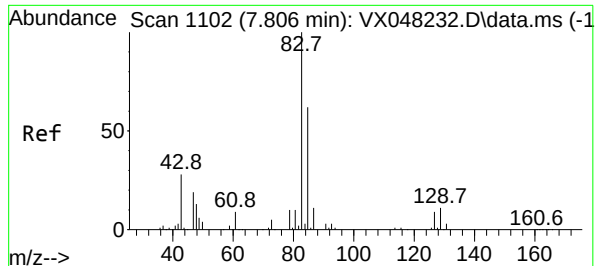
Ion Ratio Lower Upper

93 100

95 80.1 65.9 98.9

174 91.2 71.7 107.5





#47

Bromodichloromethane

Concen: 19.571 ug/l

RT: 7.805 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

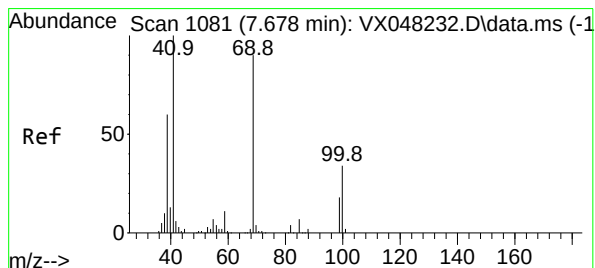
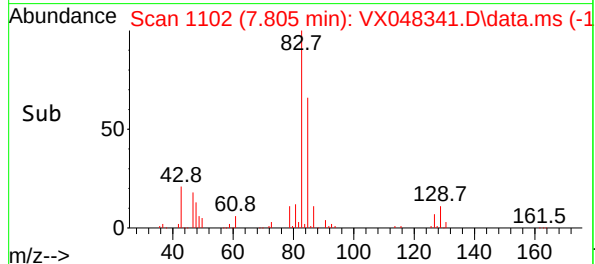
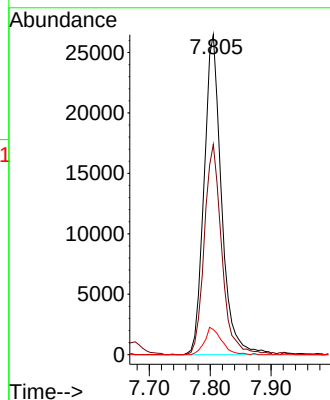
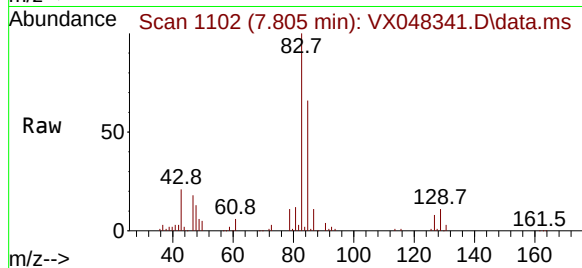
Tgt Ion:	83	Resp:	52628
Ion	Ratio	Lower	Upper
83	100		
85	65.7	52.2	78.4
127	7.8	7.3	10.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#48

Methyl methacrylate

Concen: 20.939 ug/l

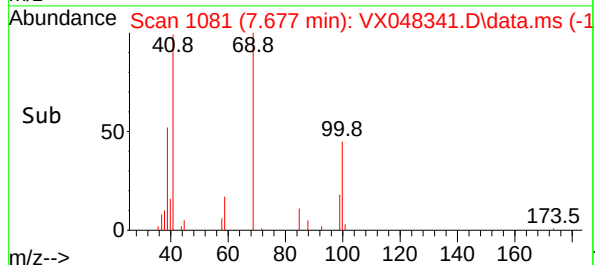
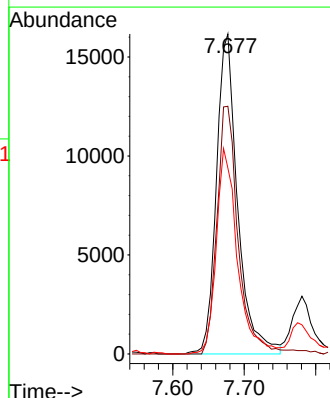
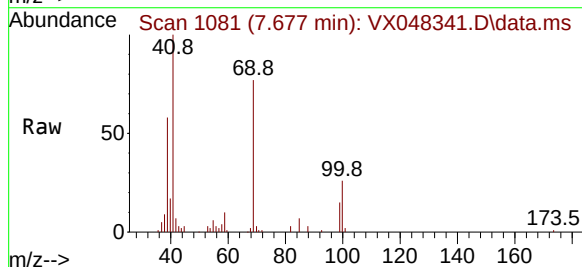
RT: 7.677 min Scan# 1081

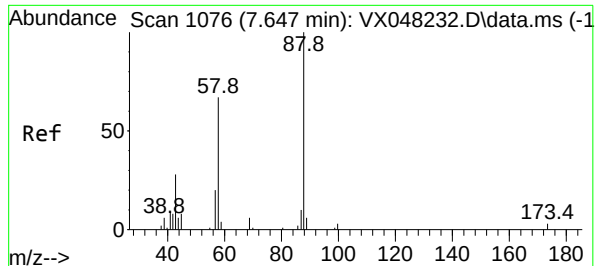
Delta R.T. -0.000 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Tgt Ion:	41	Resp:	33315
Ion	Ratio	Lower	Upper
41	100		
69	78.2	63.4	95.0
39	64.2	47.1	70.7





#49

1,4-Dioxane

Concen: 341.585 ug/l

RT: 7.641 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

Tgt Ion: 88 Resp: 7180

Ion Ratio Lower Upper

88 100

43 44.0 35.0 52.4

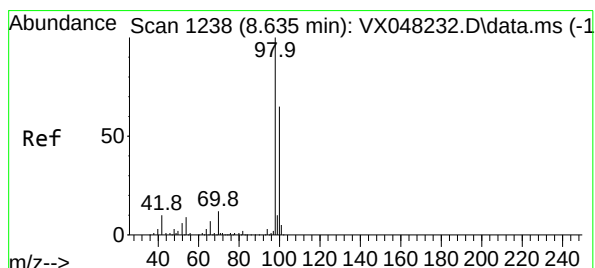
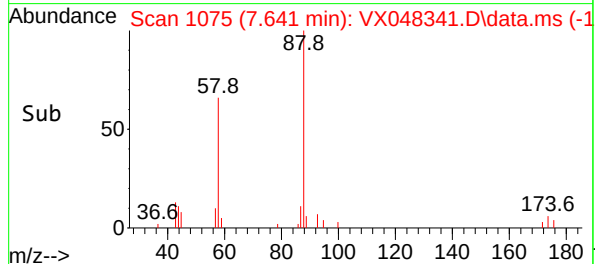
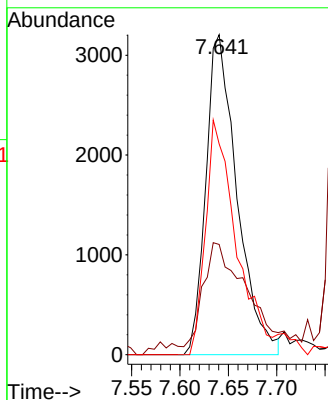
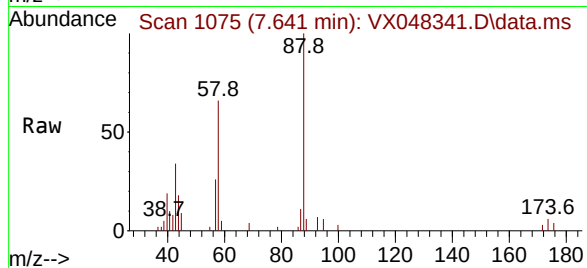
58 72.1 61.9 92.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#50

Toluene-d8

Concen: 49.629 ug/l

RT: 8.628 min Scan# 1237

Delta R.T. -0.007 min

Lab File: VX048341.D

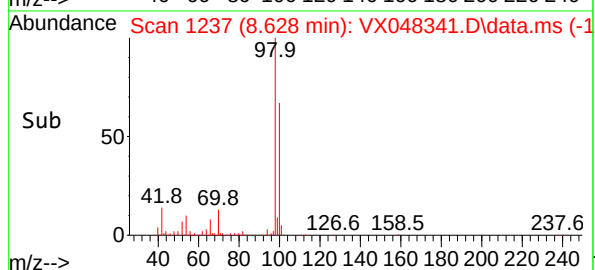
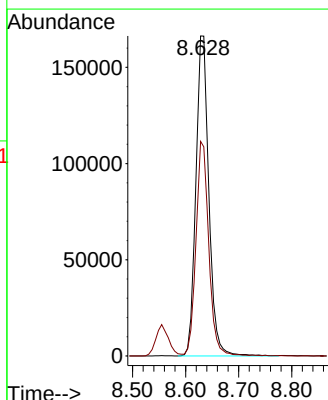
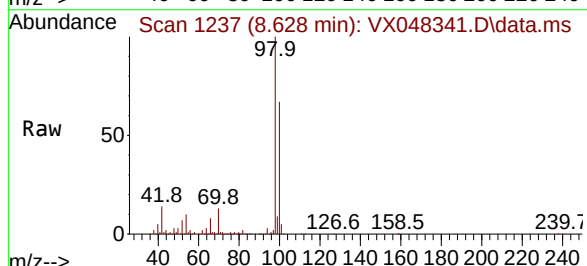
Acq: 24 Oct 2025 10:15

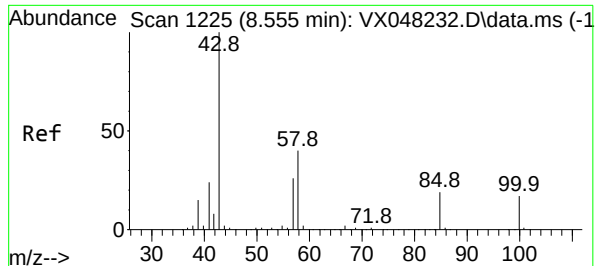
Tgt Ion: 98 Resp: 283427

Ion Ratio Lower Upper

98 100

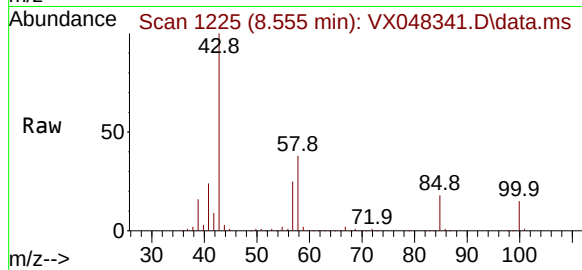
100 65.7 53.0 79.4





#51
4-Methyl-2-Pentanone
Concen: 104.240 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

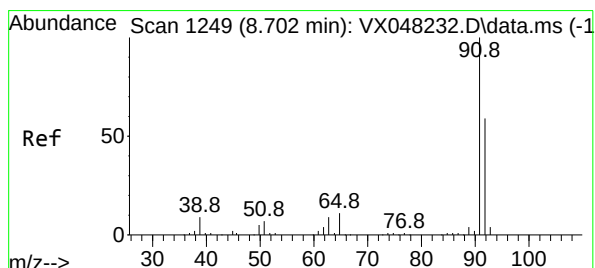
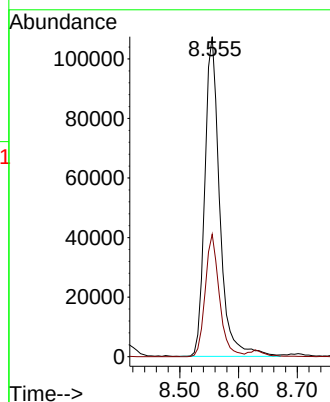
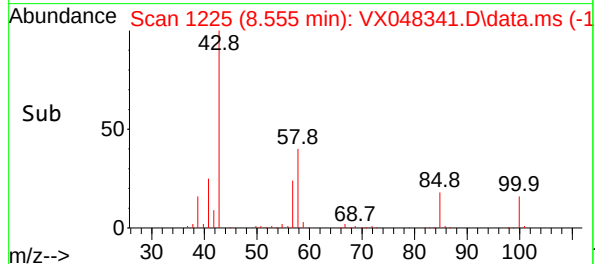
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01



Tgt Ion: 43 Resp: 189499
Ion Ratio Lower Upper
43 100
58 36.4 29.5 44.3

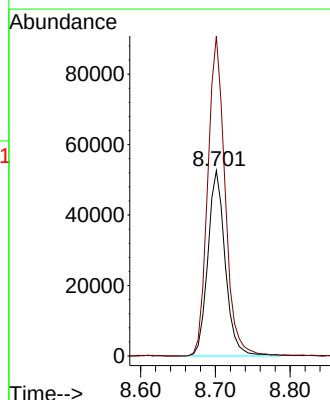
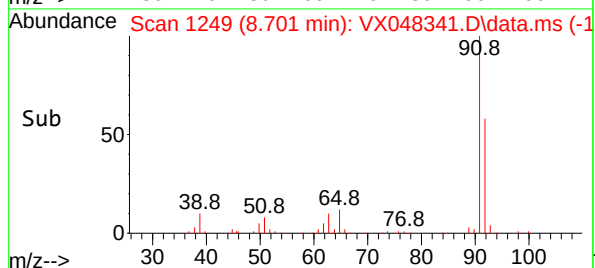
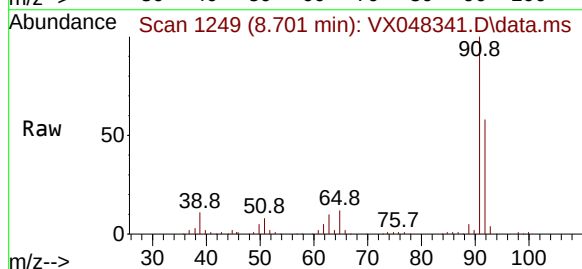
Manual Integrations
APPROVED

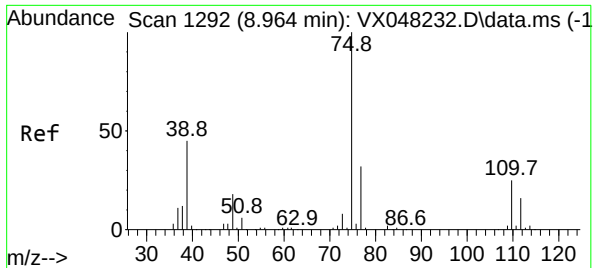
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#52
Toluene
Concen: 19.859 ug/l
RT: 8.701 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 92 Resp: 84824
Ion Ratio Lower Upper
92 100
91 173.0 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 19.129 ug/l

RT: 8.963 min Scan# 1191

Delta R.T. -0.000 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

Tgt Ion: 75 Resp: 4956

Ion Ratio Lower Upper

75 100

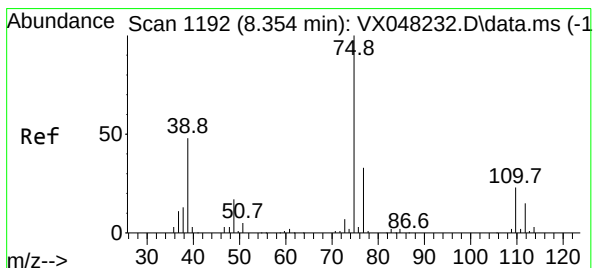
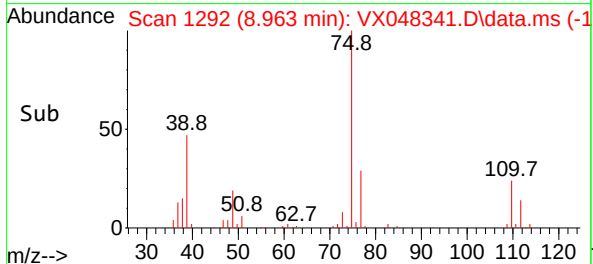
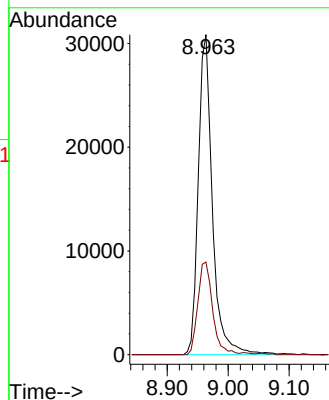
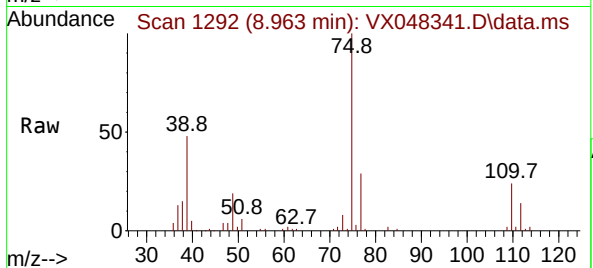
77 28.9 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#54

cis-1,3-Dichloropropene

Concen: 18.668 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. -0.000 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

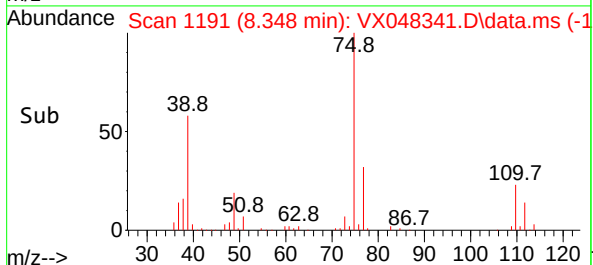
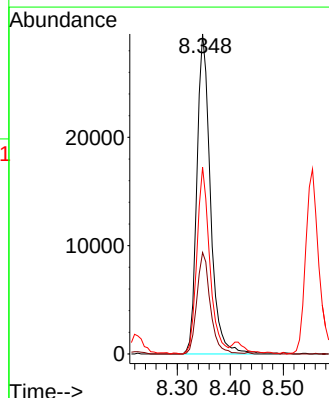
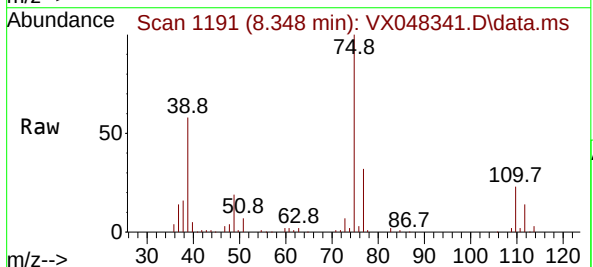
Tgt Ion: 75 Resp: 52191

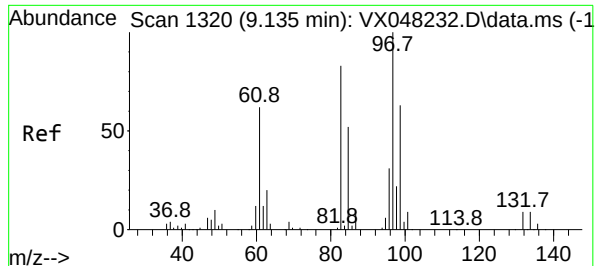
Ion Ratio Lower Upper

75 100

77 31.7 24.9 37.3

39 58.2 42.6 64.0





#55

1,1,2-Trichloroethane

Concen: 19.991 ug/l

RT: 9.134 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

Tgt Ion: 97 Resp: 3175

Ion Ratio Lower Upper

97 100

83 82.8 70.6 105.8

85 54.7 45.0 67.6

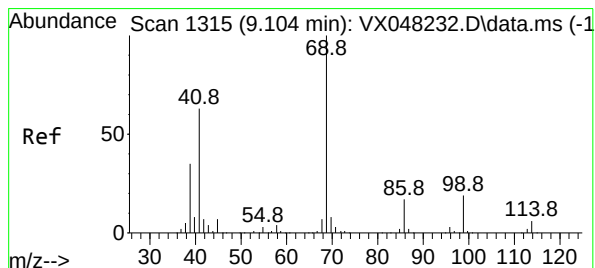
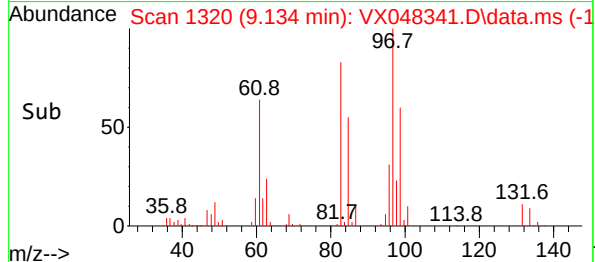
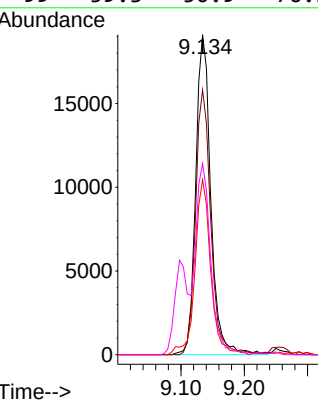
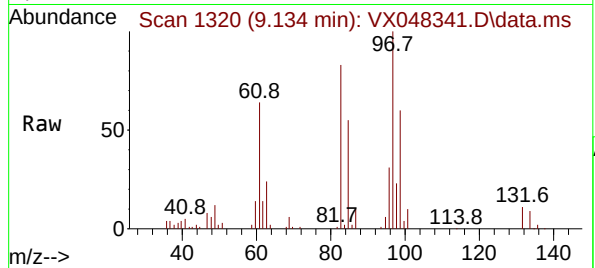
99 59.3 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#56

Ethyl methacrylate

Concen: 19.789 ug/l

RT: 9.098 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

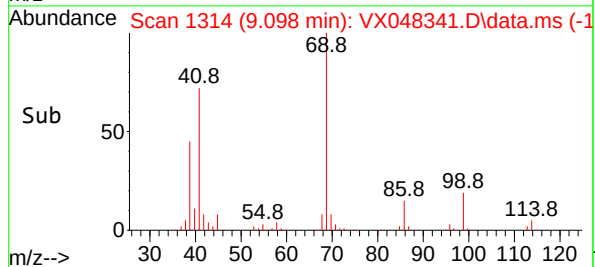
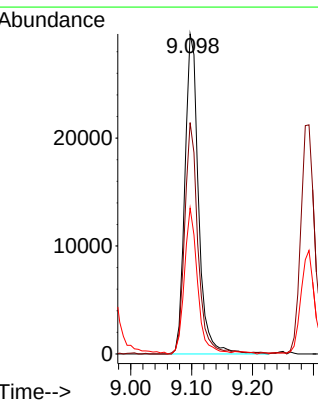
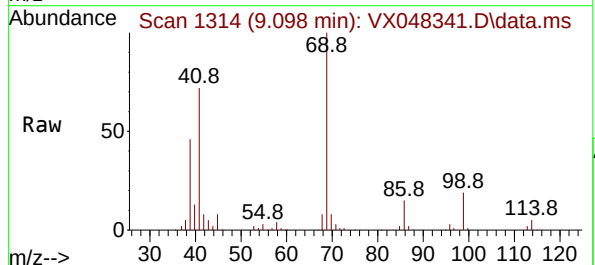
Tgt Ion: 69 Resp: 45976

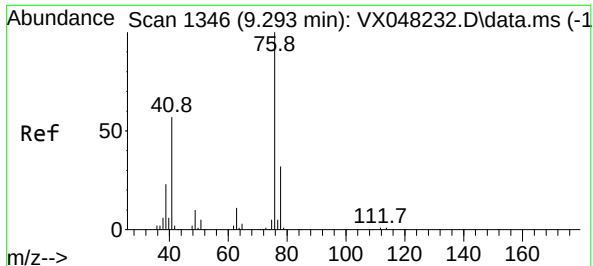
Ion Ratio Lower Upper

69 100

41 71.0 56.0 84.0

39 44.1 31.6 47.4





#57

1,3-Dichloropropane

Concen: 19.729 ug/l

RT: 9.293 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

Tgt Ion: 76 Resp: 53530

Ion Ratio Lower Upper

76 100

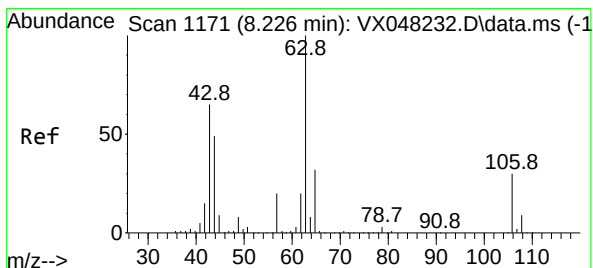
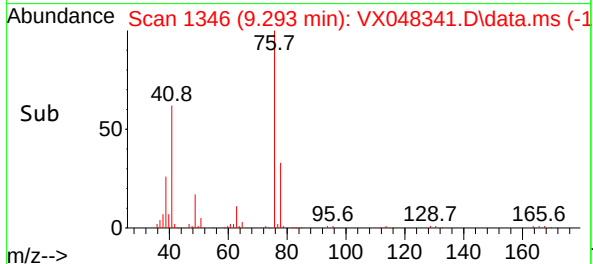
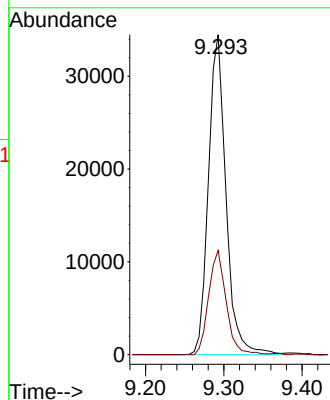
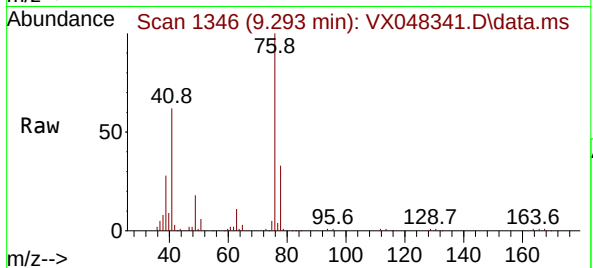
78 32.6 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#58

2-Chloroethyl Vinyl ether

Concen: 96.012 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. -0.000 min

Lab File: VX048341.D

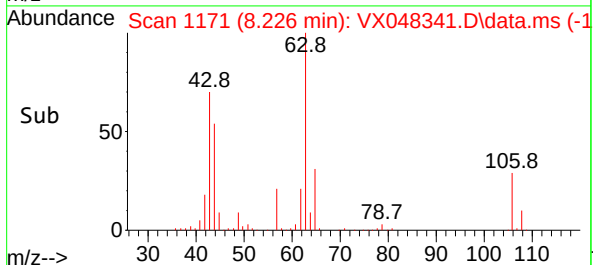
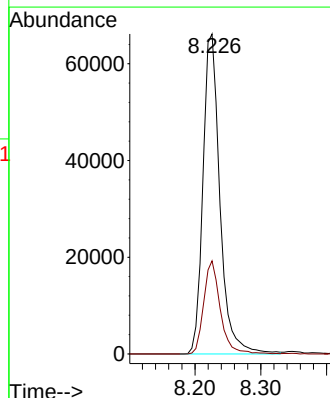
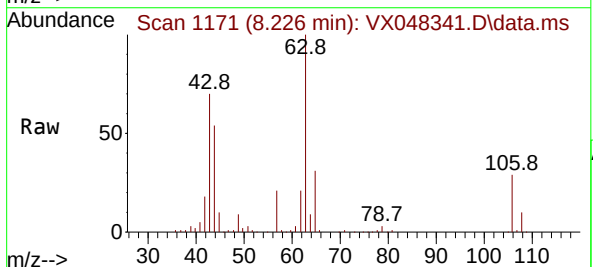
Acq: 24 Oct 2025 10:15

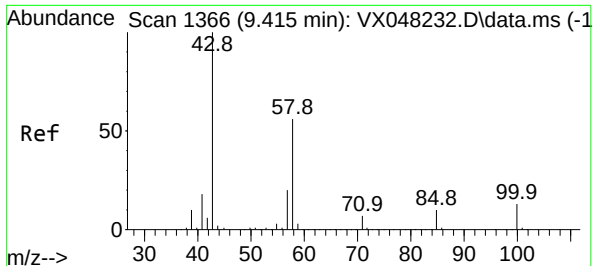
Tgt Ion: 63 Resp: 118629

Ion Ratio Lower Upper

63 100

106 28.5 22.2 33.2





#59

2-Hexanone

Concen: 98.630 ug/l

RT: 9.415 min Scan# 1366

Delta R.T. -0.000 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

Tgt Ion: 43 Resp: 12502

Ion Ratio Lower Upper

43 100

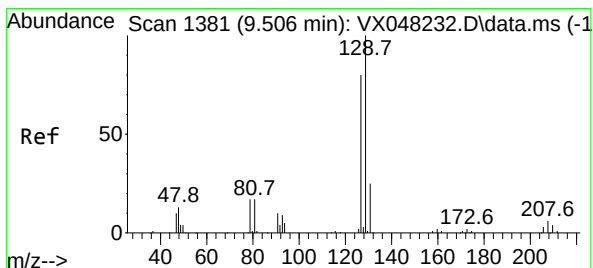
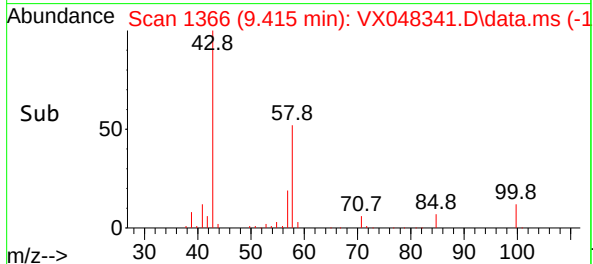
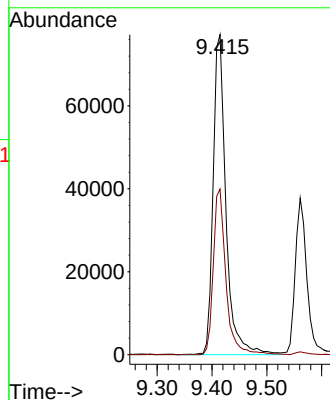
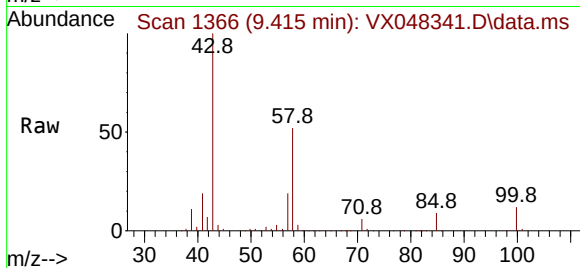
58 51.1 26.3 78.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#60

Dibromochloromethane

Concen: 17.861 ug/l

RT: 9.506 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VX048341.D

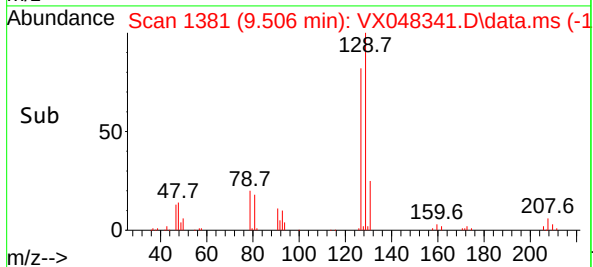
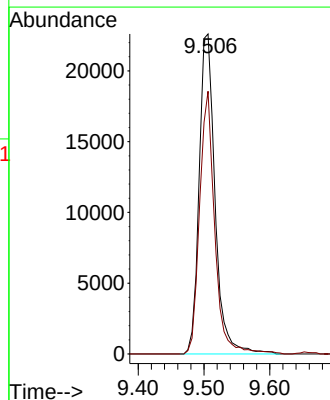
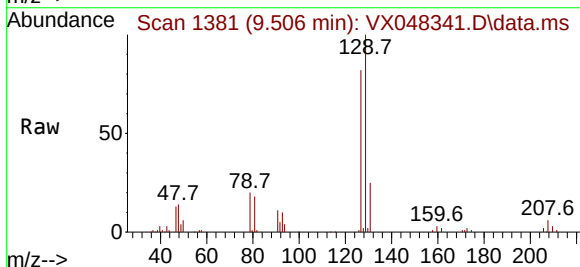
Acq: 24 Oct 2025 10:15

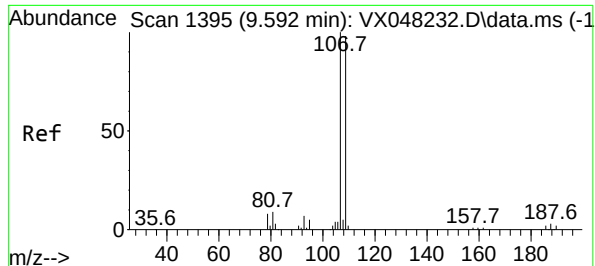
Tgt Ion:129 Resp: 38132

Ion Ratio Lower Upper

129 100

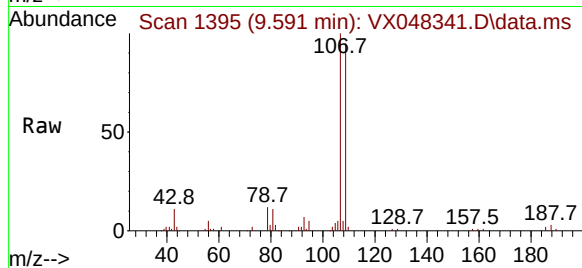
127 78.1 38.6 115.7





#61
1,2-Dibromoethane
Concen: 19.101 ug/l
RT: 9.591 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

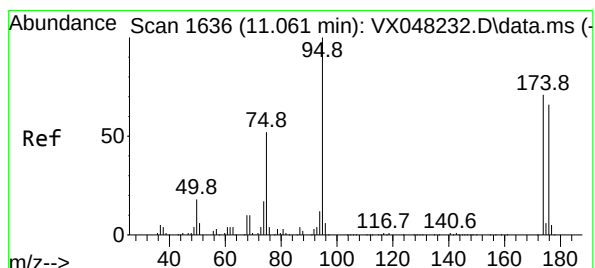
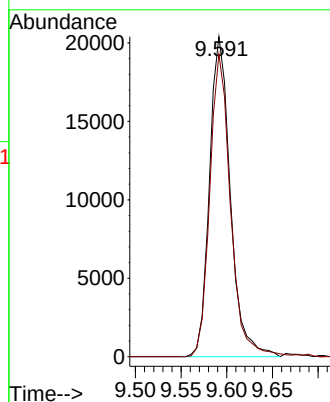
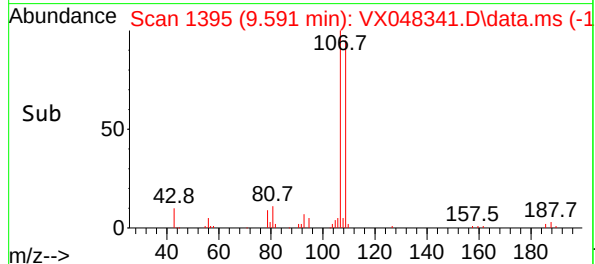
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01



Tgt Ion:107 Resp: 32340
Ion Ratio Lower Upper
107 100
109 93.8 77.0 115.4

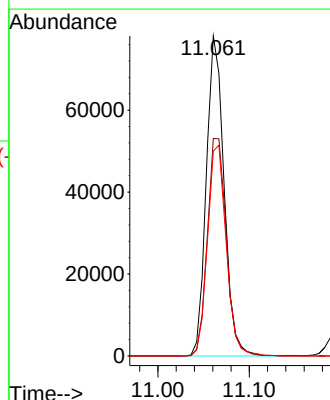
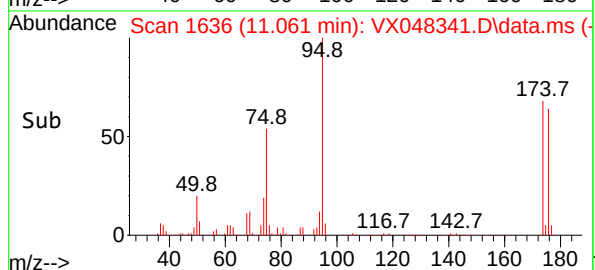
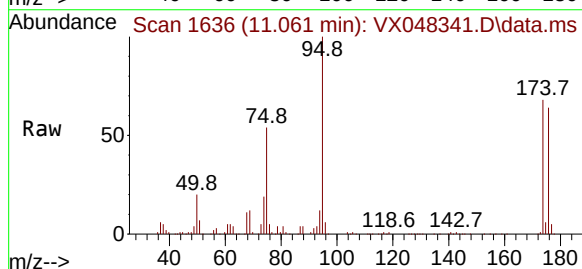
Manual Integrations
APPROVED

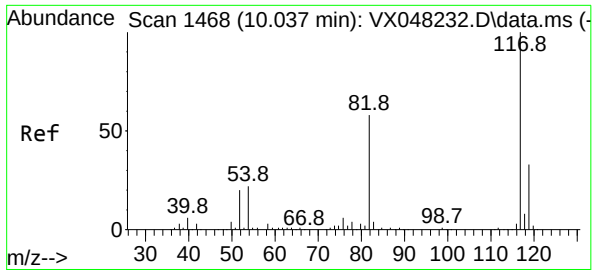
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#62
4-Bromofluorobenzene
Concen: 48.334 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

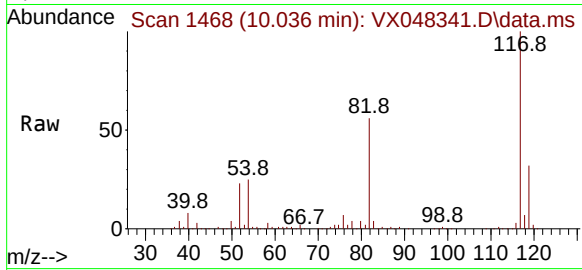
Tgt Ion: 95 Resp: 105010
Ion Ratio Lower Upper
95 100
174 72.9 0.0 147.8
176 69.1 0.0 142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

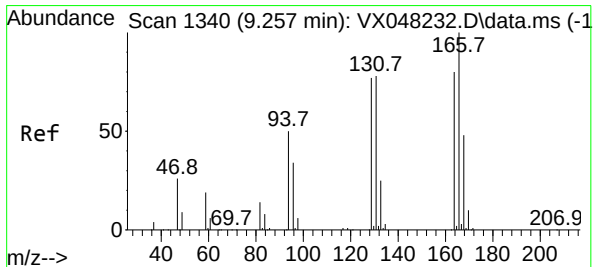
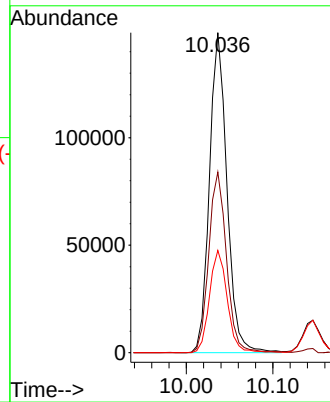
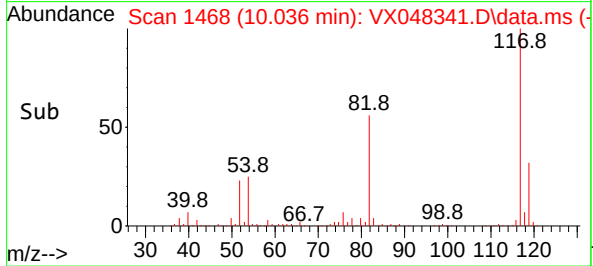
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01



Tgt Ion:117 Resp: 208902
Ion Ratio Lower Upper
117 100
82 56.4 46.5 69.7
119 32.0 25.9 38.9

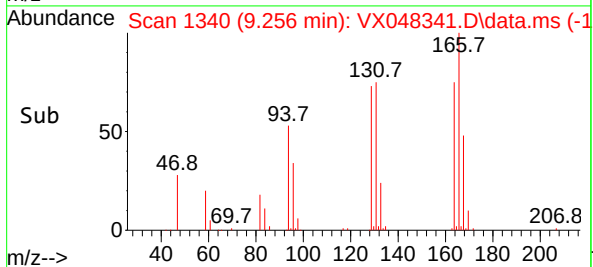
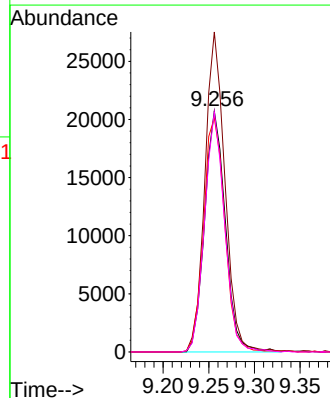
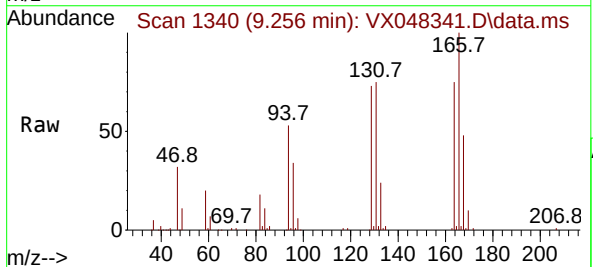
Manual Integrations
APPROVED

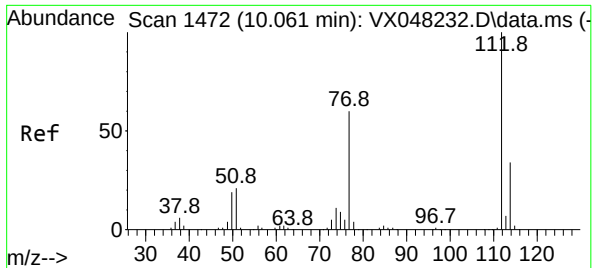
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#64
Tetrachloroethene
Concen: 20.904 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:164 Resp: 32600
Ion Ratio Lower Upper
164 100
166 132.8 104.5 156.7
129 97.2 81.8 122.6
131 99.6 77.0 115.6





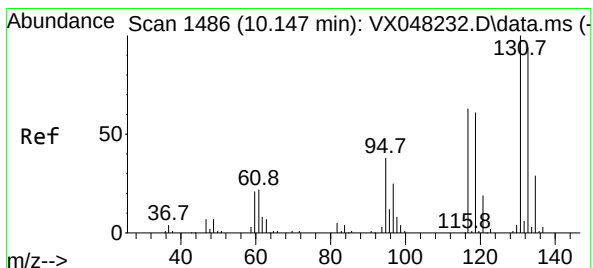
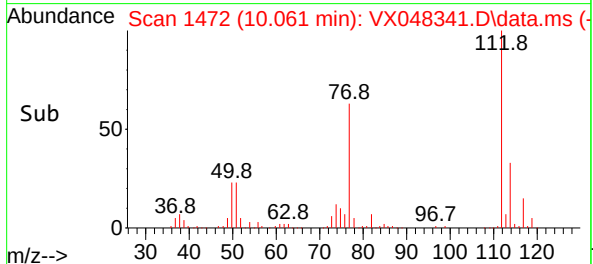
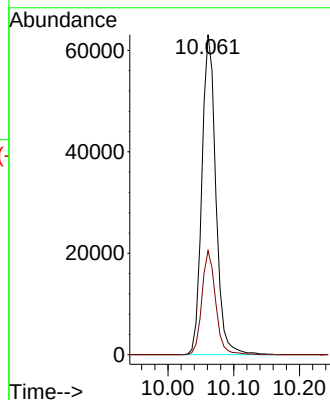
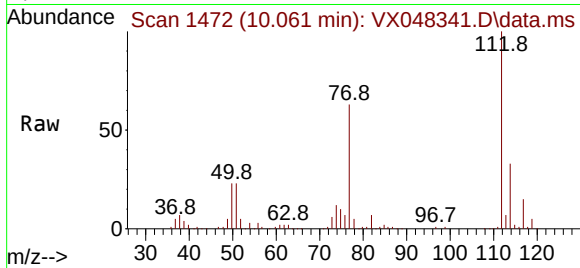
#65
Chlorobenzene
Concen: 19.844 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

Tgt Ion:112 Resp: 9325
Ion Ratio Lower Upper
112 100
114 32.5 26.2 39.2

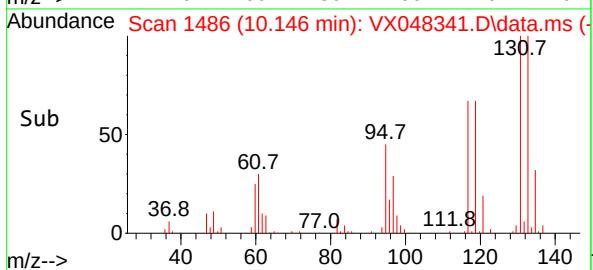
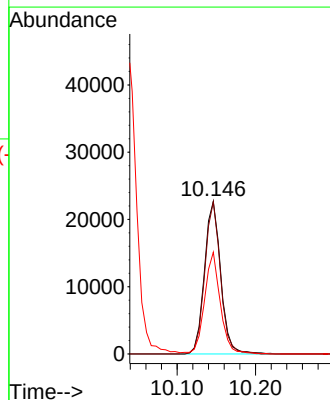
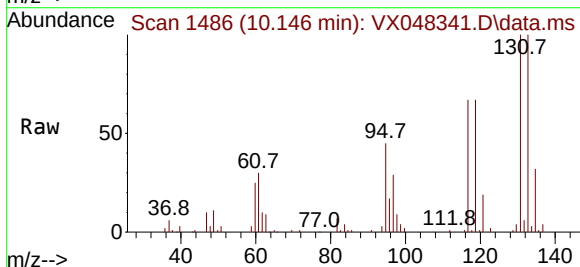
Manual Integrations
APPROVED

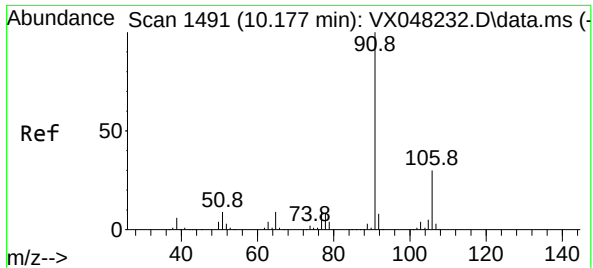
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 18.993 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

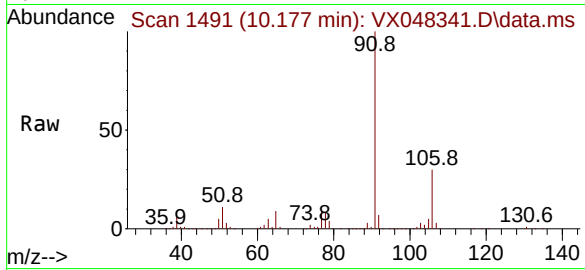
Tgt Ion:131 Resp: 32783
Ion Ratio Lower Upper
131 100
133 96.1 47.6 142.8
119 64.4 32.5 97.5





#67
Ethyl Benzene
Concen: 20.471 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

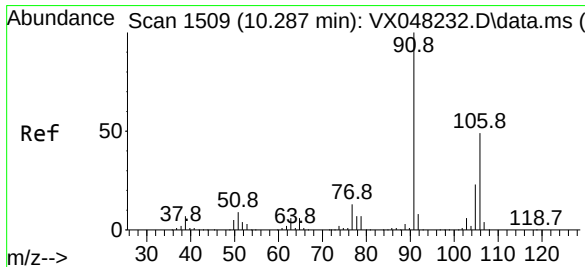
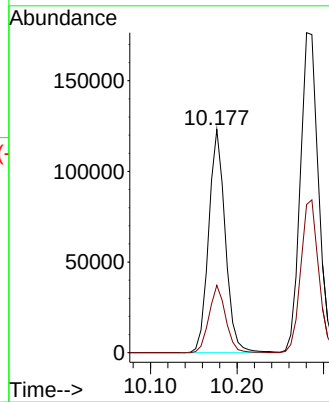
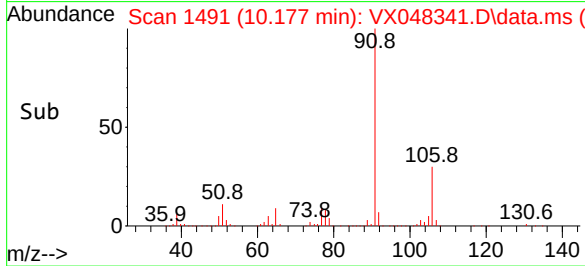
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01



Tgt Ion: 91 Resp: 163780
Ion Ratio Lower Upper
91 100
106 30.2 23.8 35.6

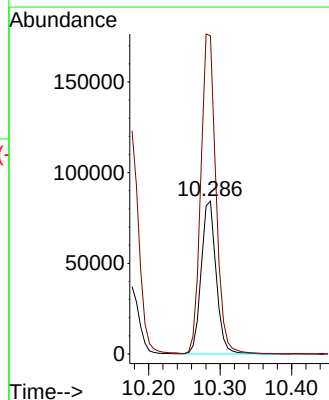
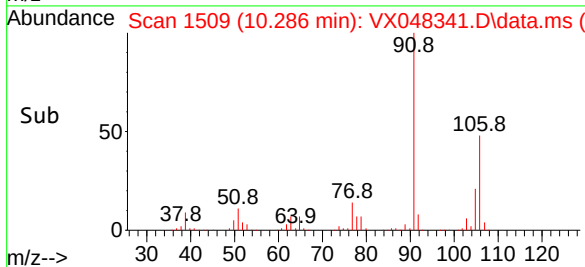
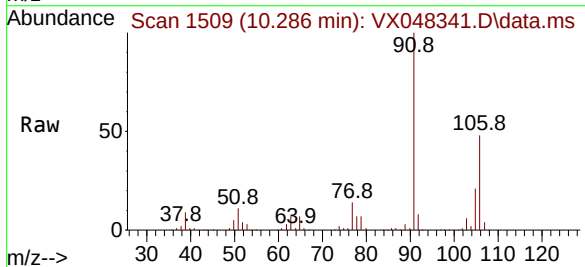
Manual Integrations
APPROVED

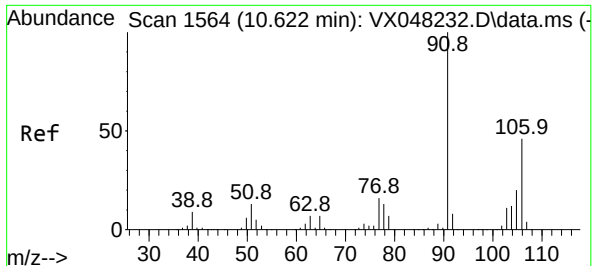
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#68
m/p-Xylenes
Concen: 41.221 ug/l
RT: 10.286 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:106 Resp: 122538
Ion Ratio Lower Upper
106 100
91 211.9 167.9 251.9





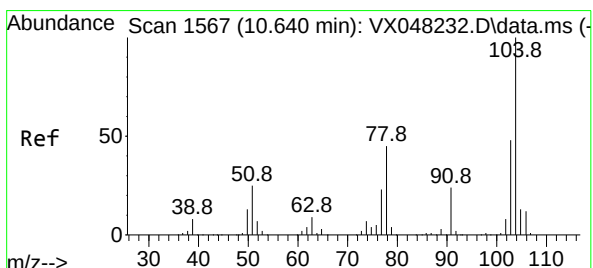
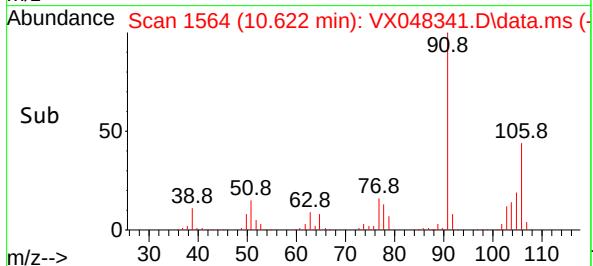
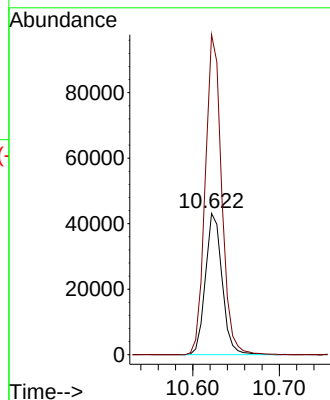
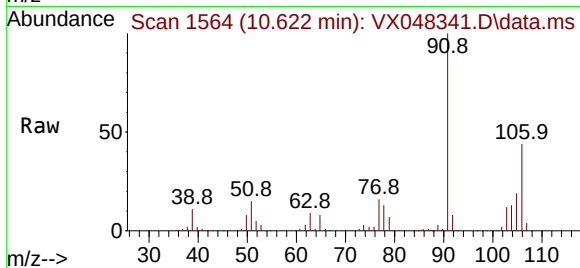
#69
o-Xylene
Concen: 20.085 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

Tgt Ion:106 Resp: 57644
Ion Ratio Lower Upper
106 100
91 223.3 111.3 333.9

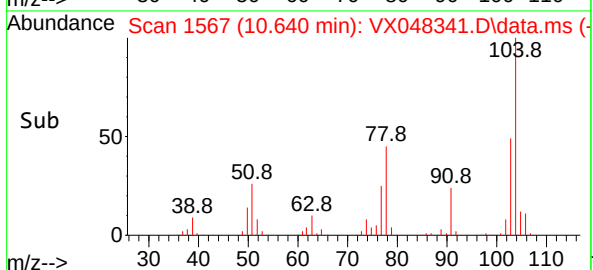
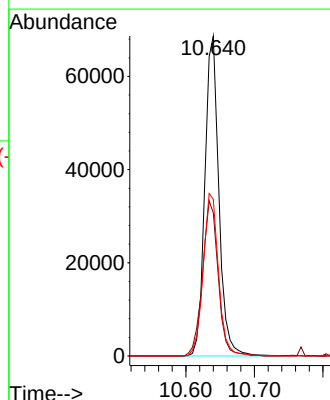
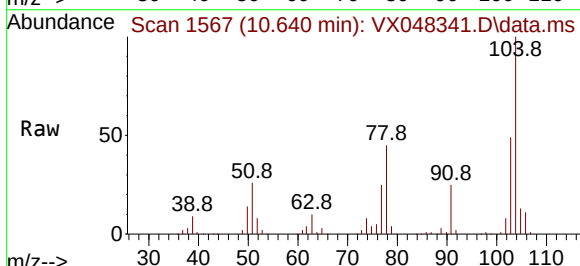
Manual Integrations
APPROVED

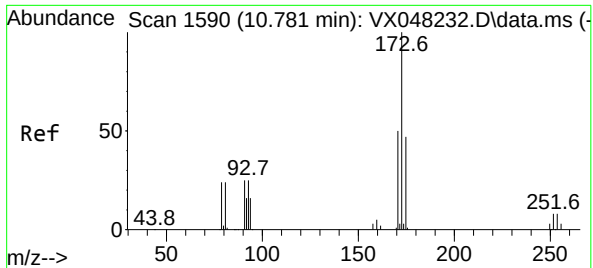
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#70
Styrene
Concen: 20.079 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

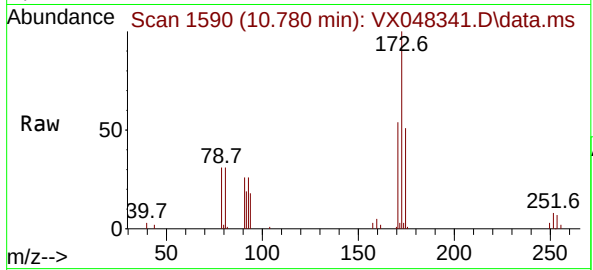
Tgt Ion:104 Resp: 98123
Ion Ratio Lower Upper
104 100
78 53.9 42.2 63.4
103 55.4 43.0 64.4





#71
Bromoform
Concen: 16.790 ug/l
RT: 10.780 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

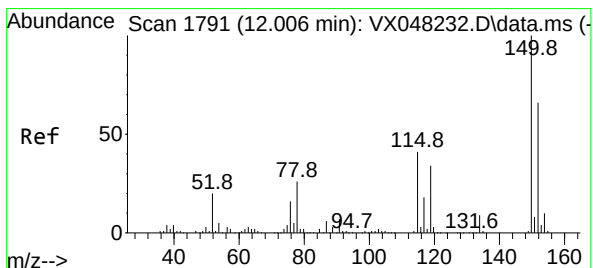
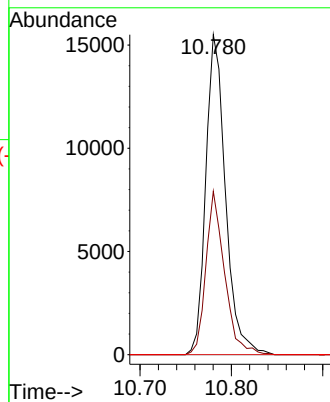
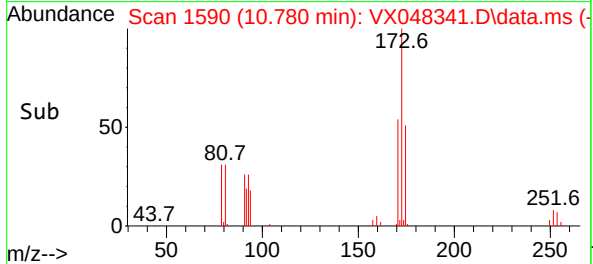
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01



Tgt Ion:173 Resp: 23162
Ion Ratio Lower Upper
173 100
175 48.4 24.0 72.0
254 0.0 0.0 0.0

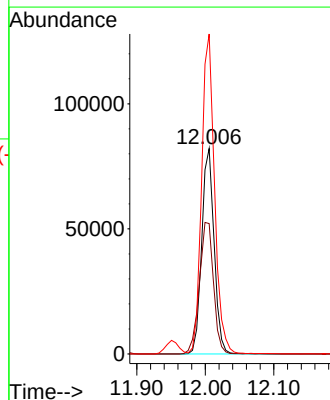
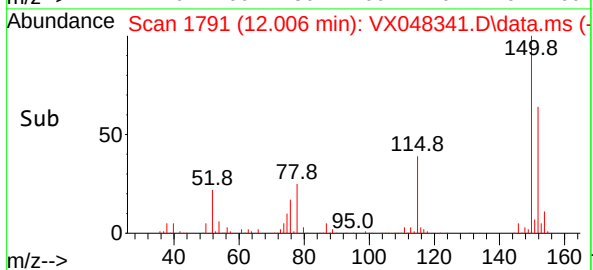
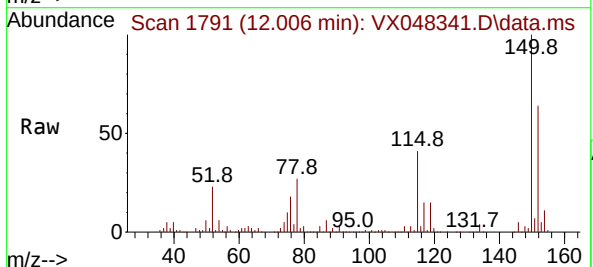
Manual Integrations
APPROVED

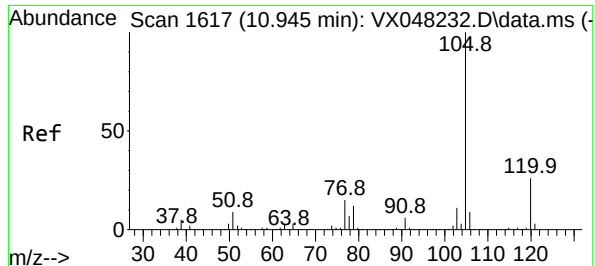
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:152 Resp: 103563
Ion Ratio Lower Upper
152 100
115 73.0 43.1 129.4
150 162.2 0.0 353.0





#73

Isopropylbenzene

Concen: 20.669 ug/l

RT: 10.945 min Scan# 1617

Delta R.T. -0.000 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

Tgt Ion:105 Resp: 156349

Ion Ratio Lower Upper

105 100

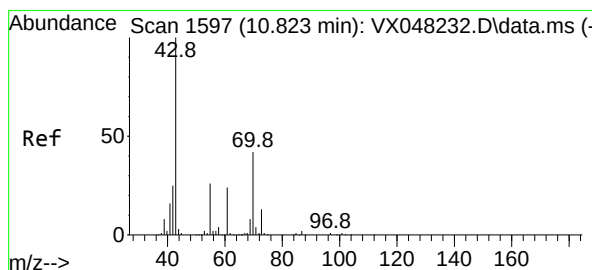
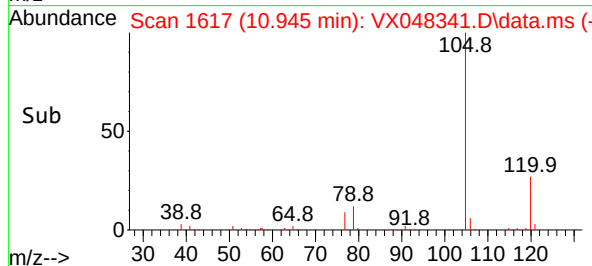
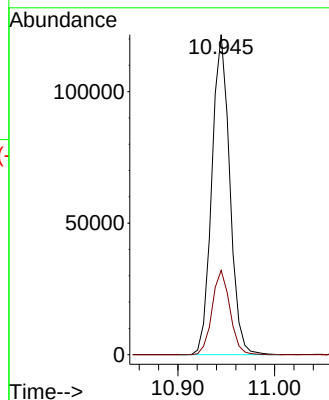
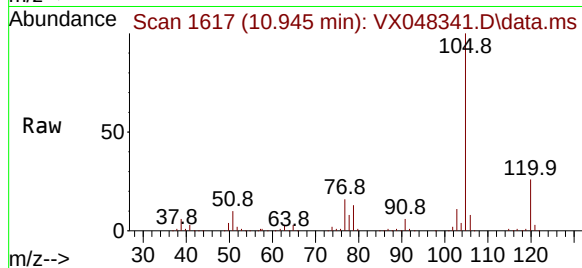
120 26.1 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#74

N-ethyl acetate

Concen: 21.985 ug/l

RT: 10.823 min Scan# 1597

Delta R.T. -0.000 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Tgt Ion: 43 Resp: 58990

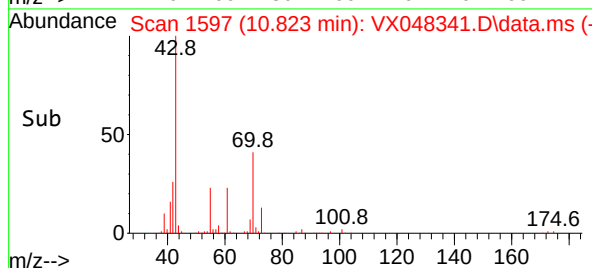
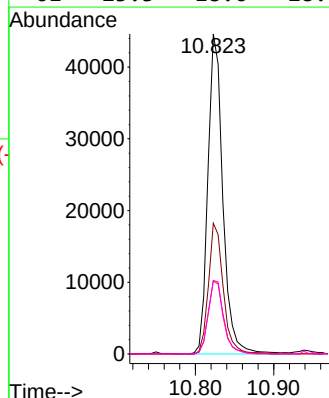
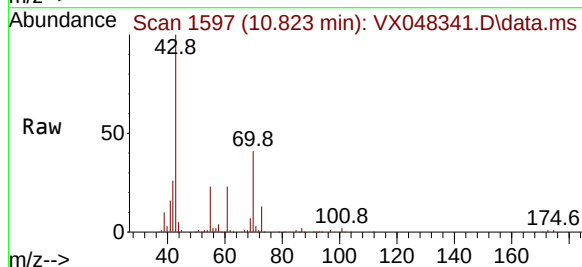
Ion Ratio Lower Upper

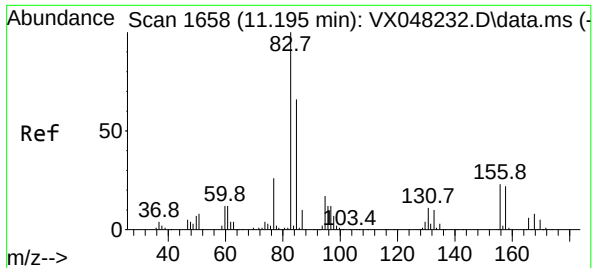
43 100

70 40.4 32.2 48.2

55 23.8 19.1 28.7

61 23.3 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.317 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

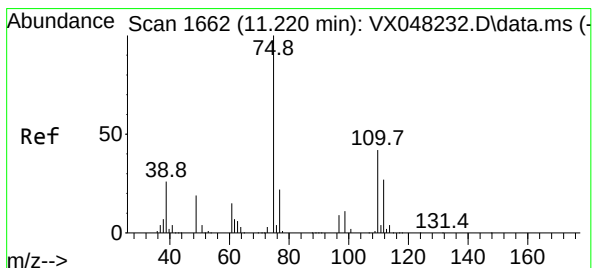
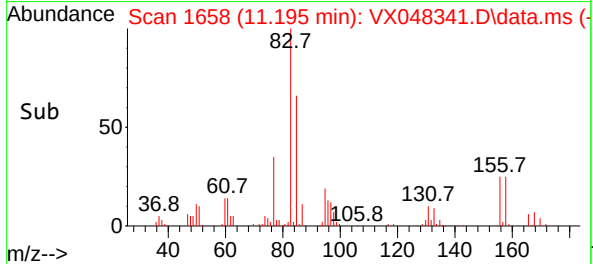
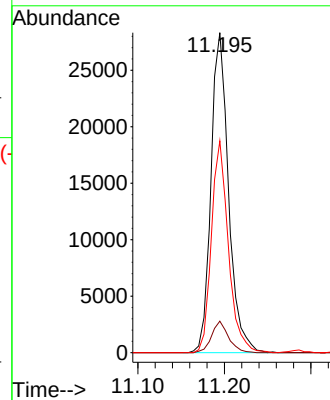
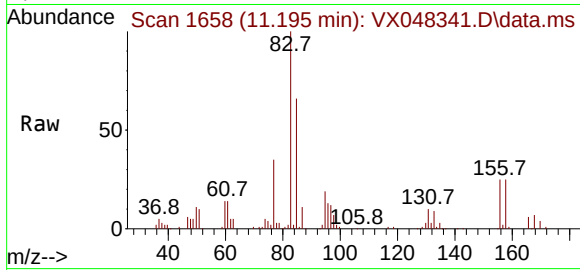
Tgt Ion:	83	Resp:	3990
Ion Ratio	Lower	Upper	
83	100		
131	9.5	4.8	14.4
85	64.0	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#76

1,2,3-Trichloropropane

Concen: 21.358 ug/l m

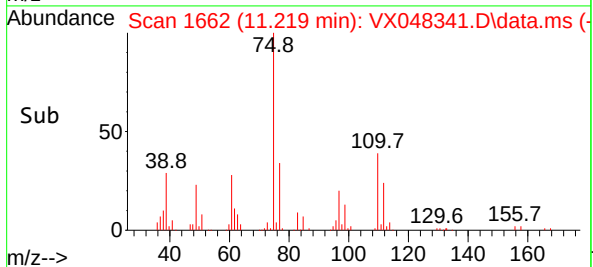
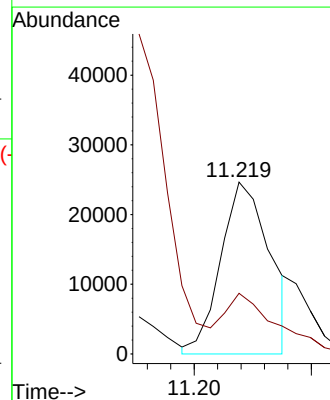
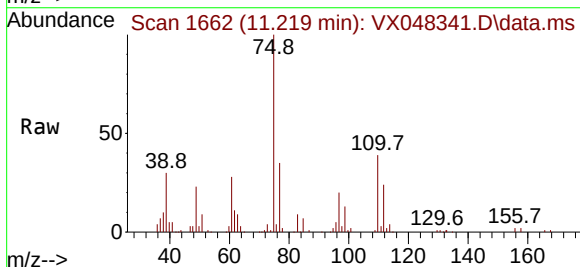
RT: 11.219 min Scan# 1662

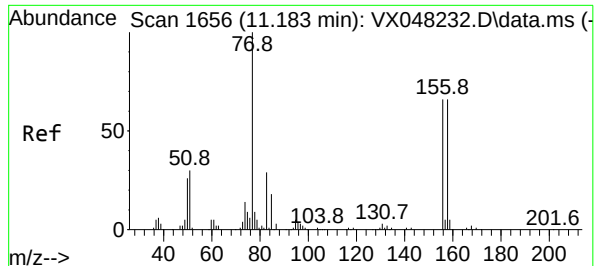
Delta R.T. -0.000 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Tgt Ion:	75	Resp:	35869
Ion Ratio	Lower	Upper	
75	100		
77	37.8	22.4	67.2





#77

Bromobenzene

Concen: 19.039 ug/l

RT: 11.176 min Scan# 1655

Delta R.T. -0.000 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

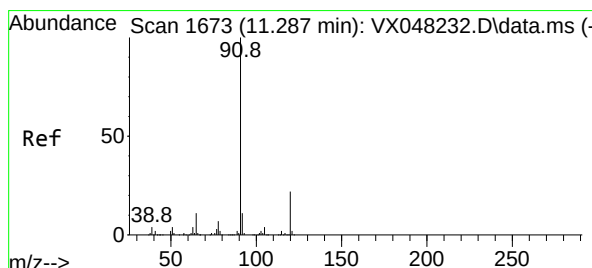
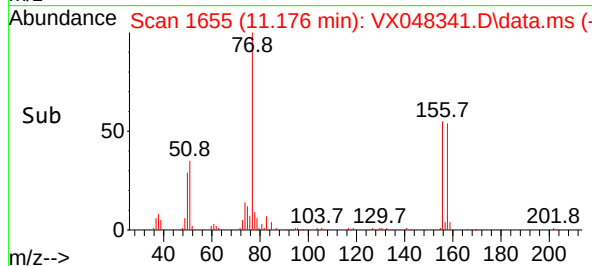
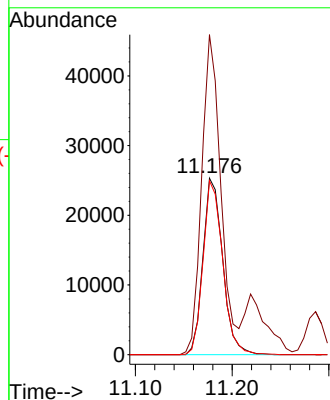
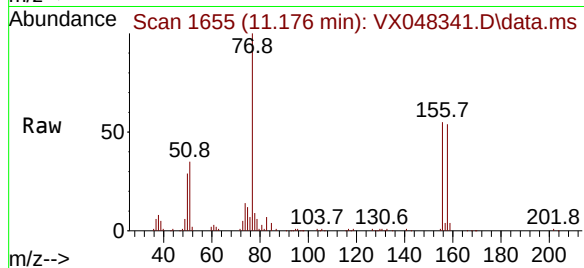
Tgt Ion:	156	Resp:	36110
Ion	Ratio	Lower	Upper
156	100		
77	175.7	87.0	261.0
158	97.8	47.8	143.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#78

n-propylbenzene

Concen: 21.269 ug/l

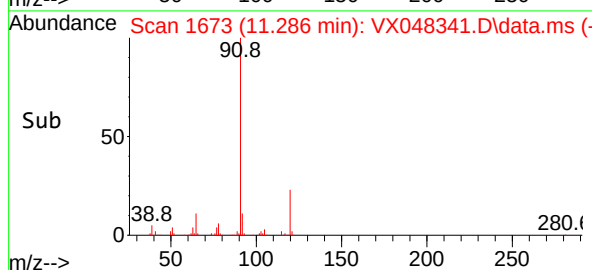
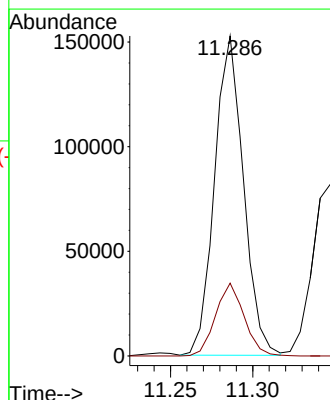
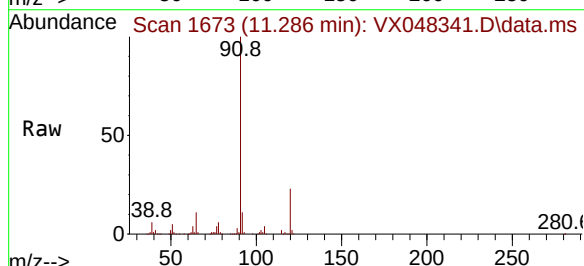
RT: 11.286 min Scan# 1673

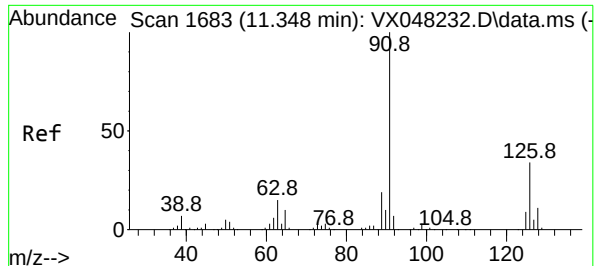
Delta R.T. -0.000 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Tgt Ion:	91	Resp:	186273
Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.1	33.1





#79

2-Chlorotoluene

Concen: 20.949 ug/l

RT: 11.347 min Scan# 1683

Delta R.T. -0.000 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

Tgt Ion: 91 Resp: 111240

Ion Ratio Lower Upper

91 100

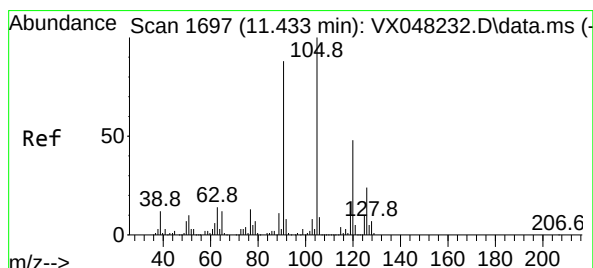
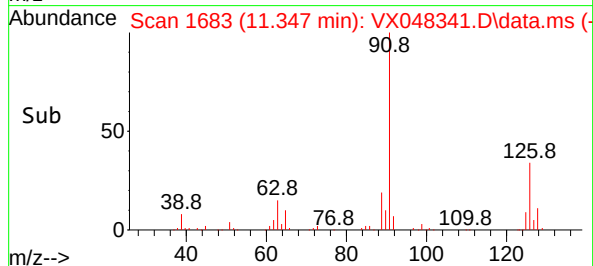
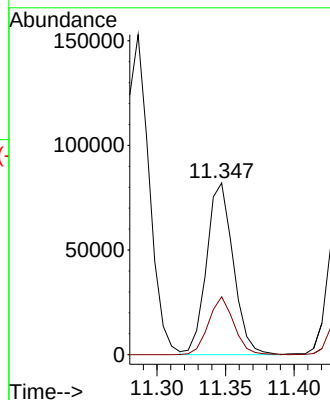
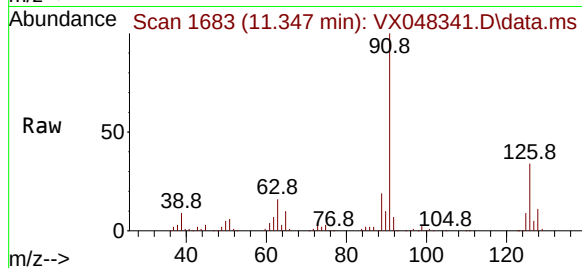
126 31.9 16.4 49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#80

1,3,5-Trimethylbenzene

Concen: 20.733 ug/l

RT: 11.432 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VX048341.D

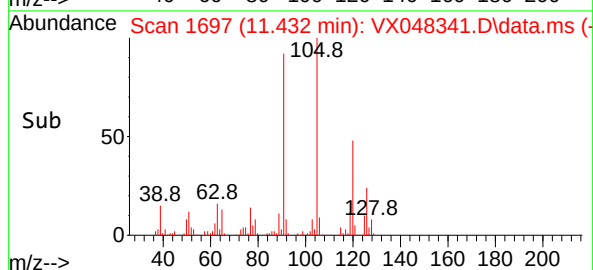
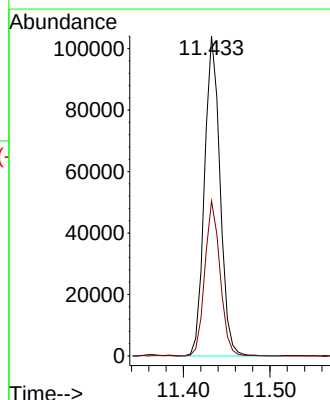
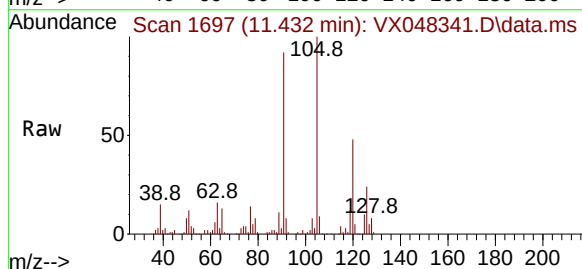
Acq: 24 Oct 2025 10:15

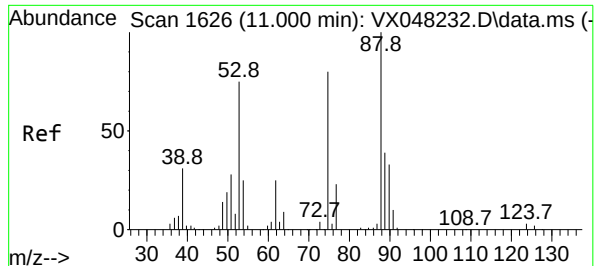
Tgt Ion:105 Resp: 129782

Ion Ratio Lower Upper

105 100

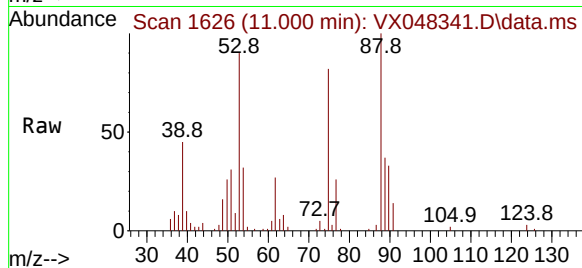
120 47.5 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 12.159 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

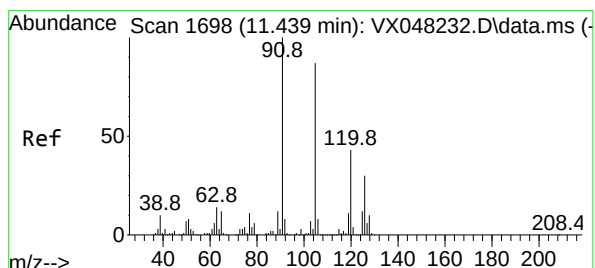
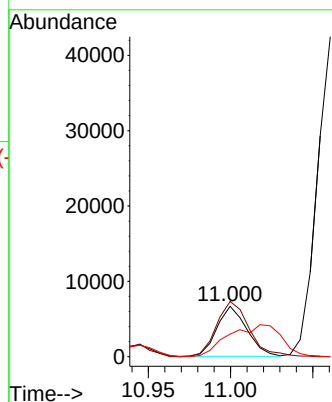
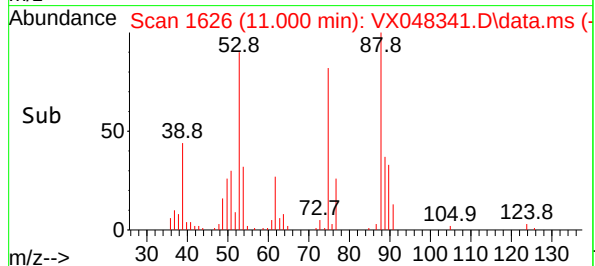
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01



Tgt Ion: 75 Resp: 839
Ion Ratio Lower Upper
75 100
53 121.3 79.5 119.3
89 113.0 36.8 55.2

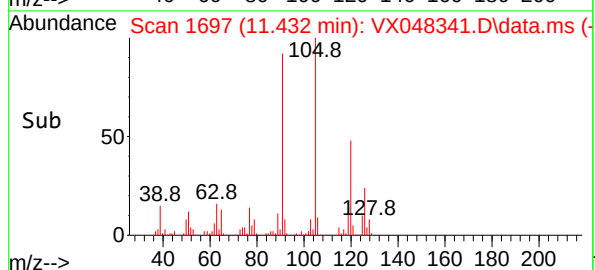
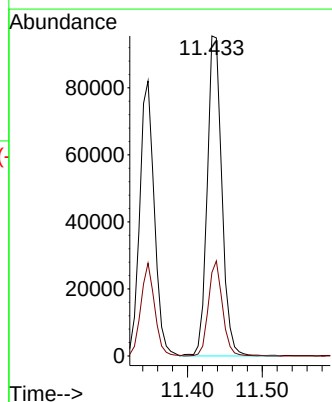
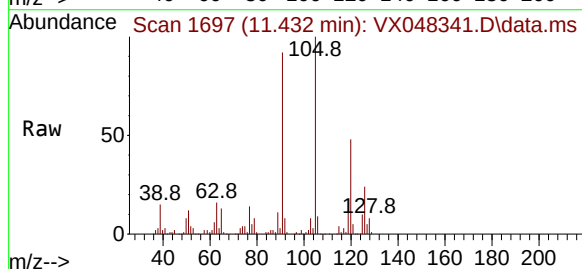
Manual Integrations
APPROVED

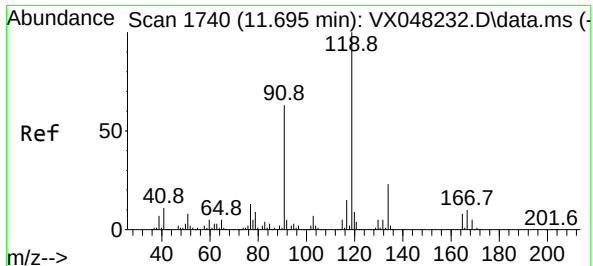
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#82
4-Chlorotoluene
Concen: 20.615 ug/l
RT: 11.432 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 91 Resp: 129943
Ion Ratio Lower Upper
91 100
126 28.3 14.1 42.4





#83

tert-Butylbenzene

Concen: 20.049 ug/l

RT: 11.695 min Scan# 1740

Delta R.T. -0.000 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

Tgt Ion:119 Resp: 128952

Ion Ratio Lower Upper

119 100

91 61.7 30.3 91.0

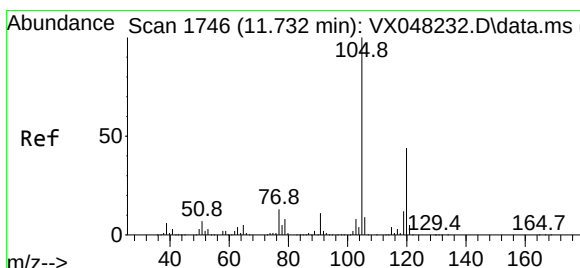
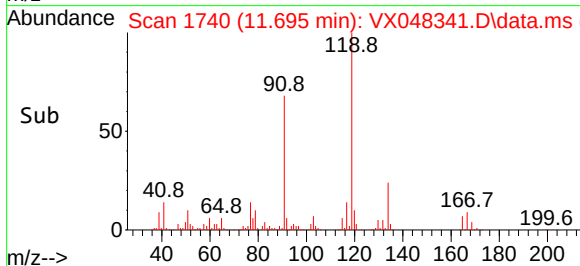
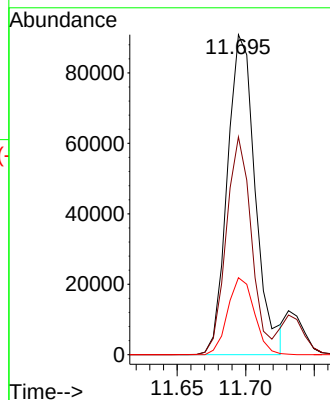
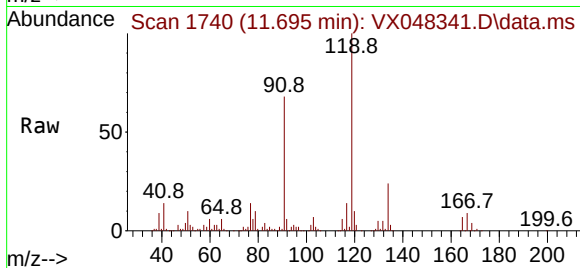
134 22.9 11.4 34.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#84

1,2,4-Trimethylbenzene

Concen: 20.720 ug/l

RT: 11.731 min Scan# 1746

Delta R.T. -0.000 min

Lab File: VX048341.D

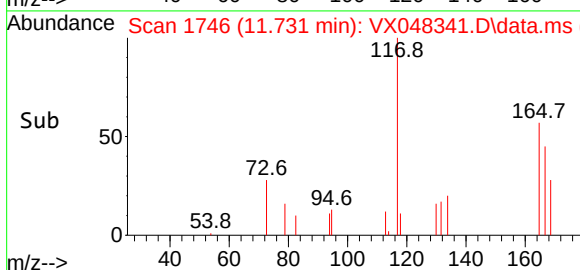
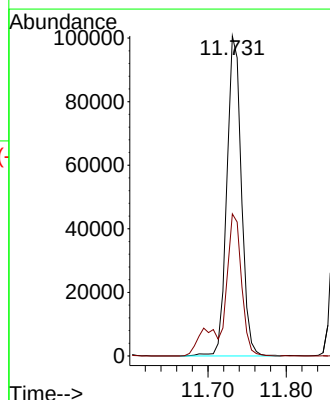
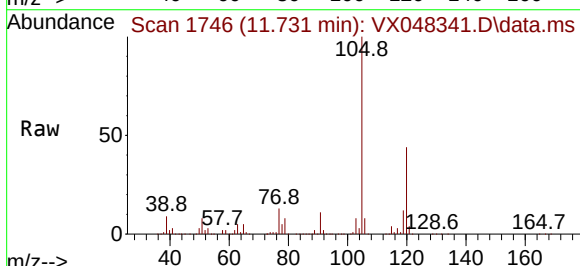
Acq: 24 Oct 2025 10:15

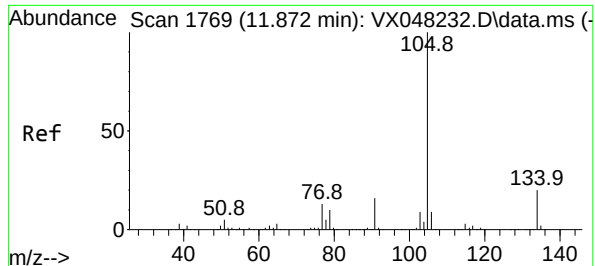
Tgt Ion:105 Resp: 129443

Ion Ratio Lower Upper

105 100

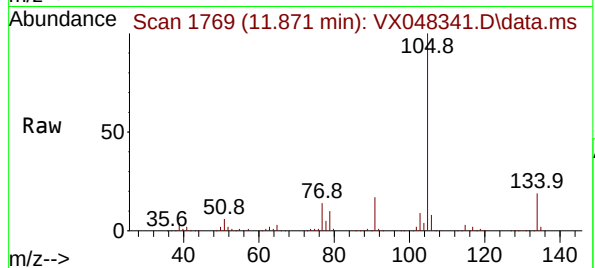
120 43.8 22.1 66.5





#85
sec-Butylbenzene
Concen: 21.376 ug/l
RT: 11.871 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

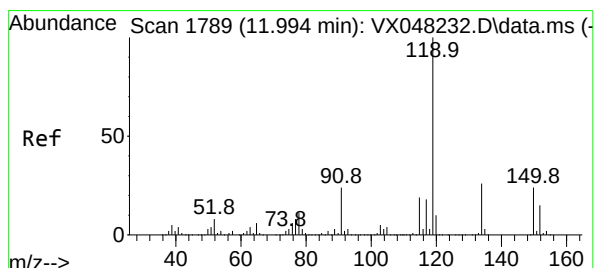
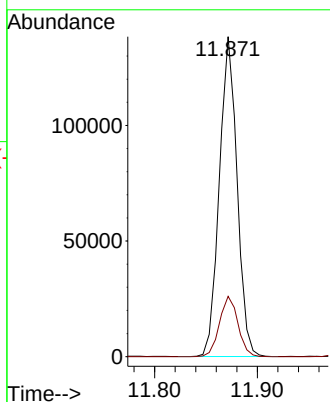
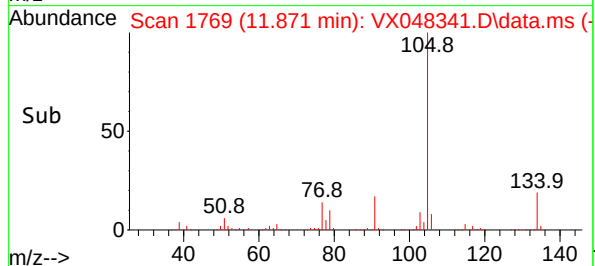
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01



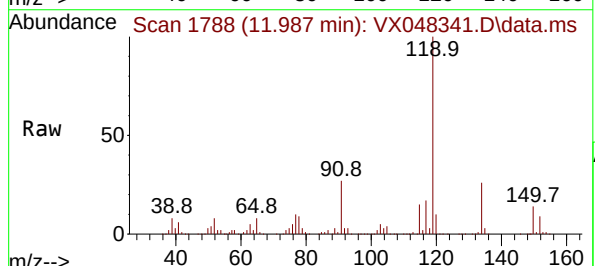
Tgt Ion:105 Resp: 16540
Ion Ratio Lower Upper
105 100
134 19.7 10.1 30.1

Manual Integrations
APPROVED

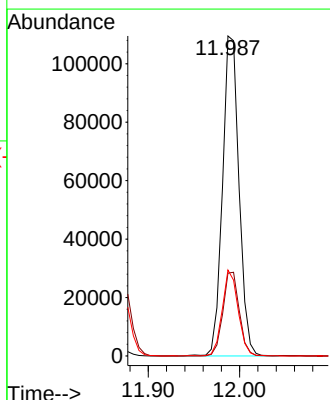
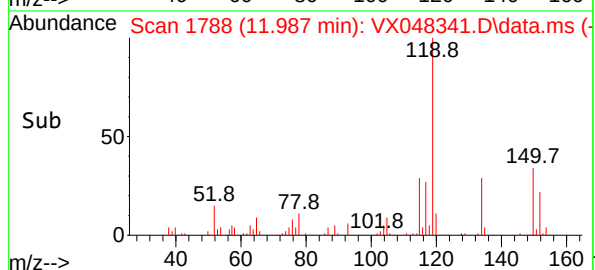
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

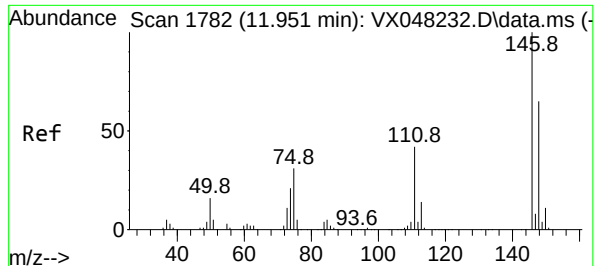


#86
p-Isopropyltoluene
Concen: 20.599 ug/l
RT: 11.987 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15



Tgt Ion:119 Resp: 137775
Ion Ratio Lower Upper
119 100
134 26.0 13.0 39.0
91 25.8 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 19.162 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

Tgt Ion:146 Resp: 68510

Ion Ratio Lower Upper

146 100

111 41.9 20.4 61.2

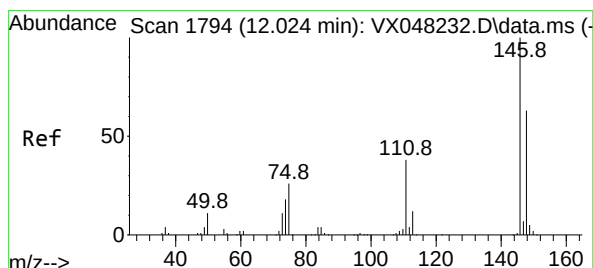
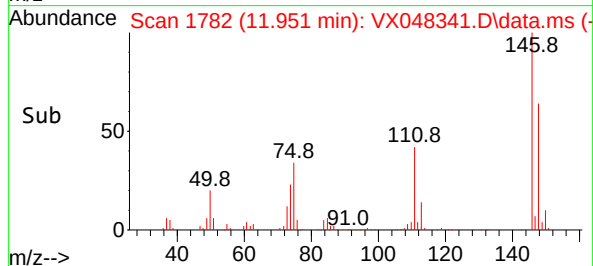
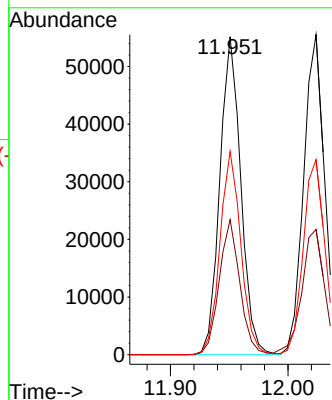
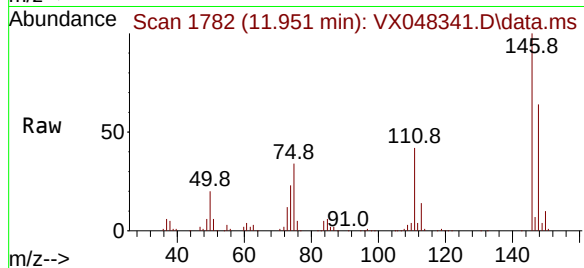
148 63.8 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#88

1,4-Dichlorobenzene

Concen: 18.745 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

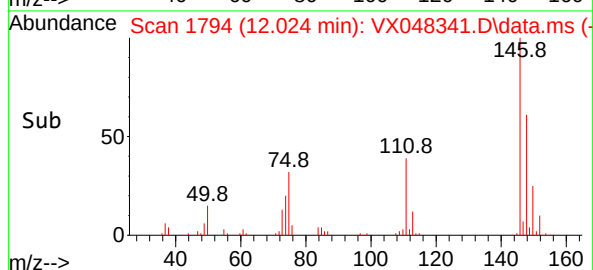
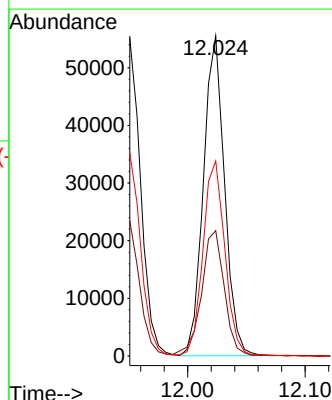
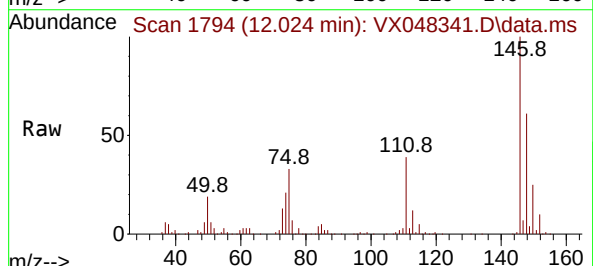
Tgt Ion:146 Resp: 69433

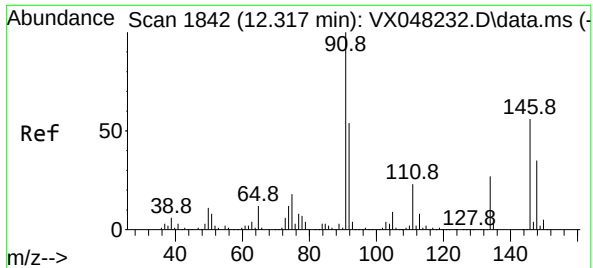
Ion Ratio Lower Upper

146 100

111 42.0 20.1 60.2

148 63.4 31.8 95.3





#89

n-Butylbenzene

Concen: 20.961 ug/l

RT: 12.316 min Scan# 1842

Delta R.T. 0.006 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

Tgt Ion: 91 Resp: 12760

Ion Ratio Lower Upper

91 100

92 53.6 26.9 80.6

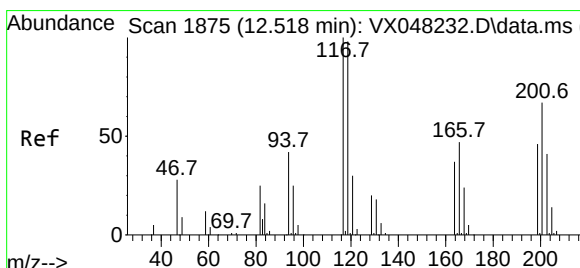
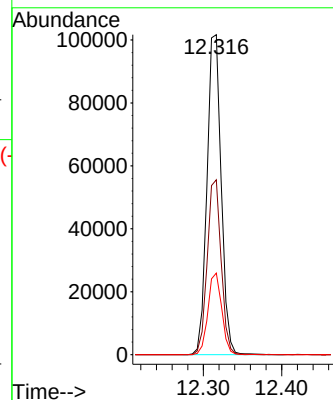
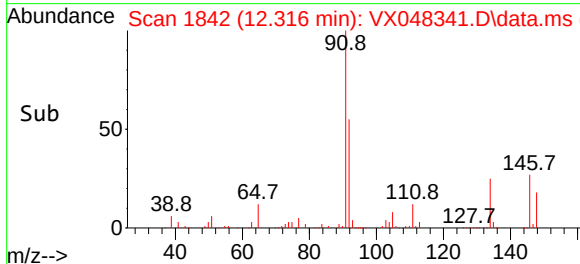
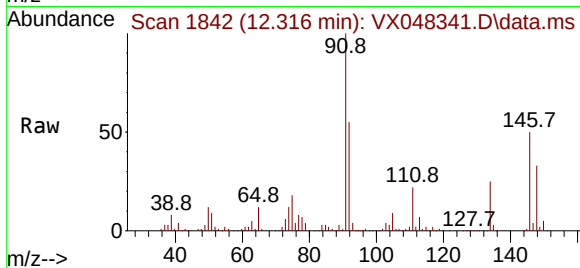
134 24.8 12.7 38.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#90

Hexachloroethane

Concen: 17.074 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VX048341.D

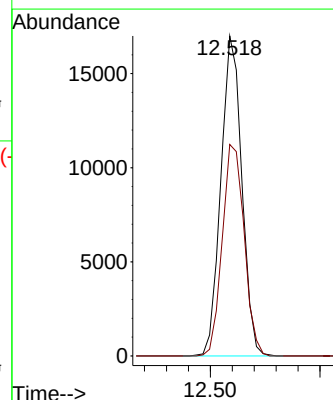
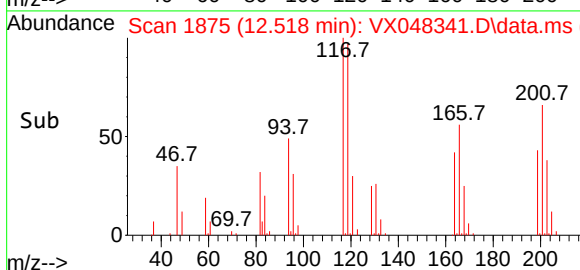
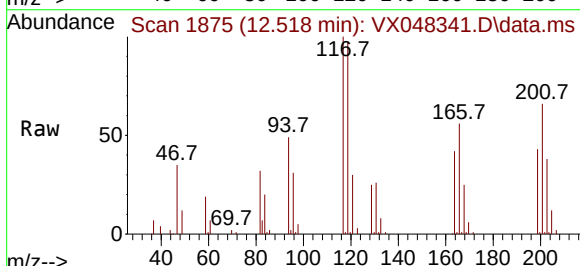
Acq: 24 Oct 2025 10:15

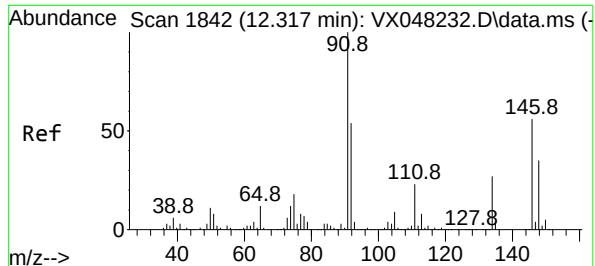
Tgt Ion:117 Resp: 22551

Ion Ratio Lower Upper

117 100

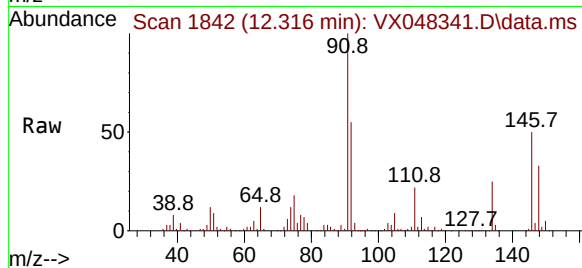
201 69.2 34.1 102.2





#91
1,2-Dichlorobenzene
Concen: 19.258 ug/l
RT: 12.316 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

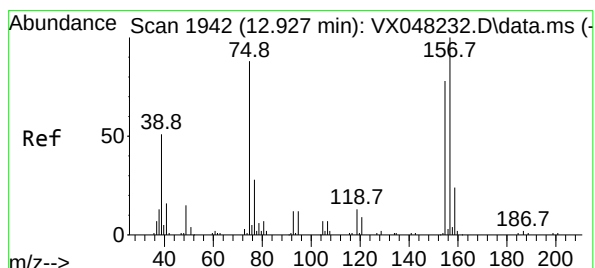
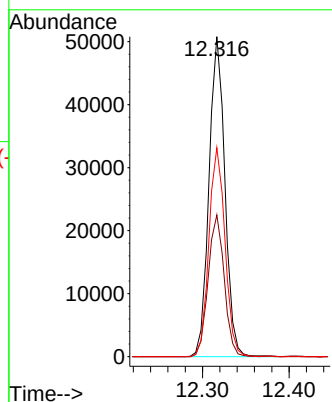
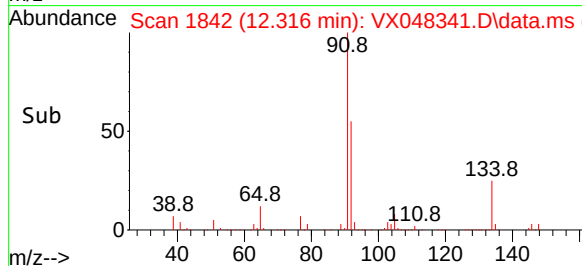
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01



Tgt Ion:146 Resp: 64650
Ion Ratio Lower Upper
146 100
111 44.8 21.9 65.5
148 66.1 31.9 95.5

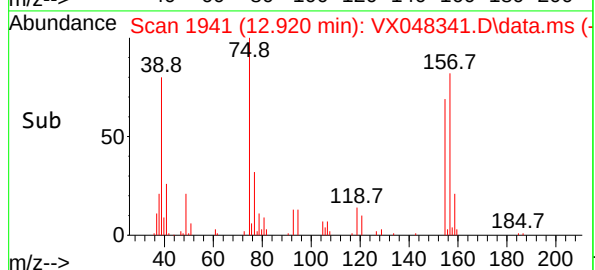
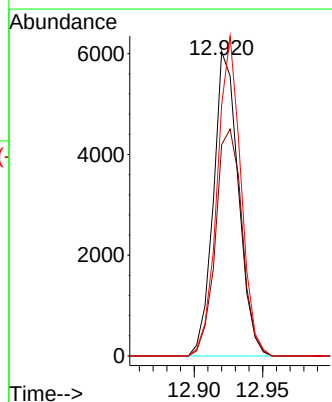
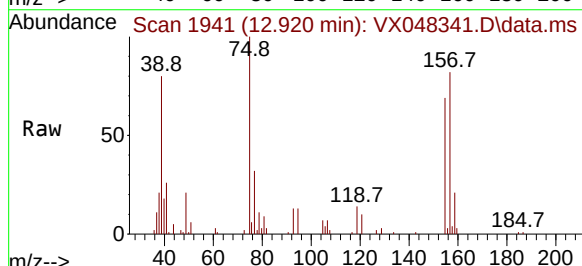
Manual Integrations
APPROVED

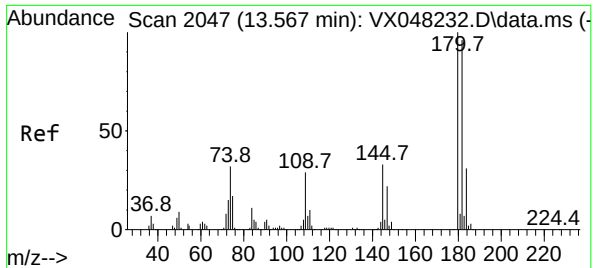
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.235 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

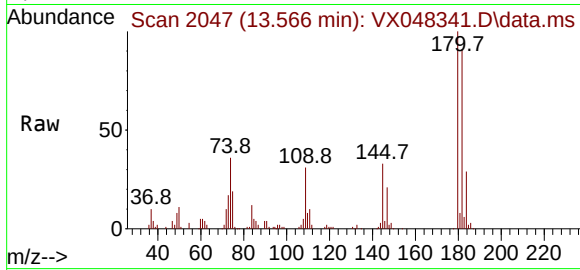
Tgt Ion: 75 Resp: 7646
Ion Ratio Lower Upper
75 100
155 79.2 42.8 128.4
157 99.5 54.2 162.6





#93
1,2,4-Trichlorobenzene
Concen: 18.762 ug/l
RT: 13.566 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

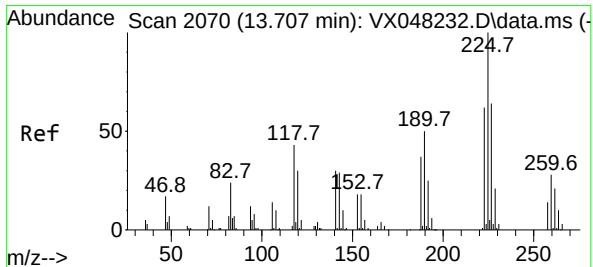
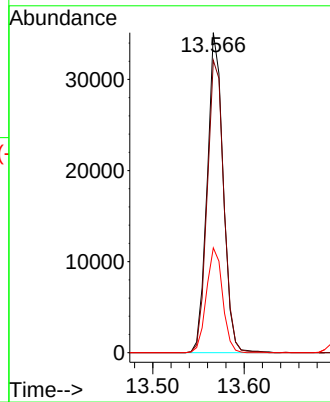
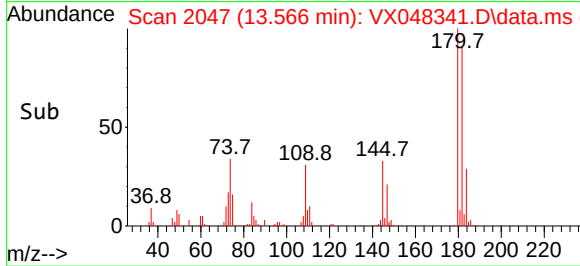
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01



Tgt Ion:180 Resp: 4259
Ion Ratio Lower Upper
180 100
182 94.9 47.3 142.0
145 33.1 16.3 48.9

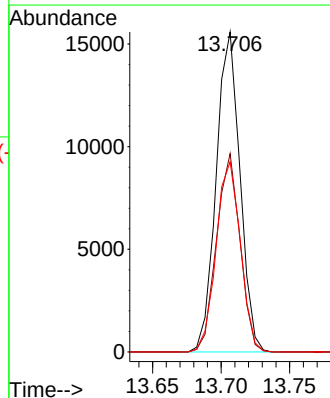
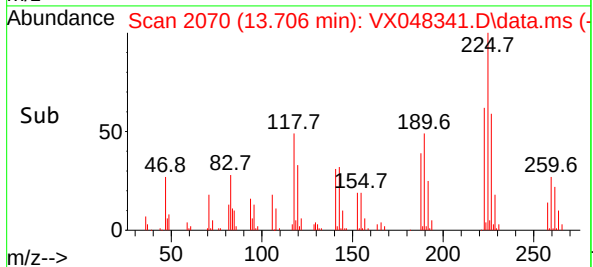
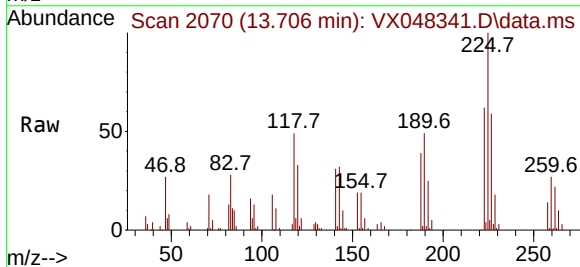
Manual Integrations
APPROVED

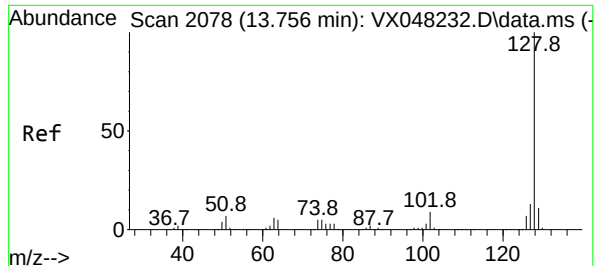
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#94
Hexachlorobutadiene
Concen: 22.108 ug/l
RT: 13.706 min Scan# 2070
Delta R.T. 0.005 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:225 Resp: 18776
Ion Ratio Lower Upper
225 100
223 61.2 32.6 97.7
227 60.8 32.5 97.4





#95

Naphthalene

Concen: 18.747 ug/l

RT: 13.755 min Scan# 2078

Delta R.T. -0.000 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

Tgt Ion:128 Resp: 112750

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

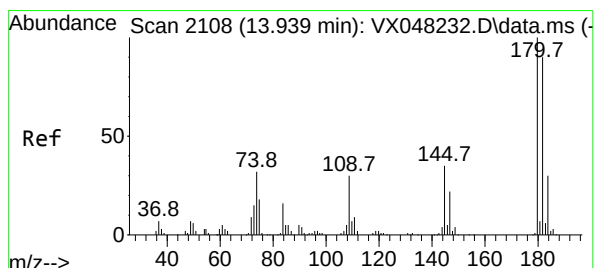
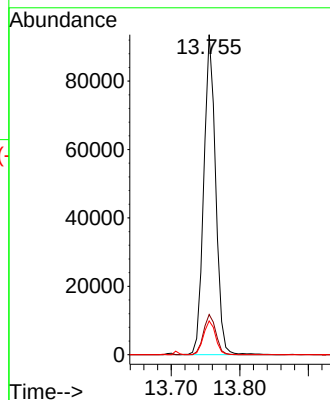
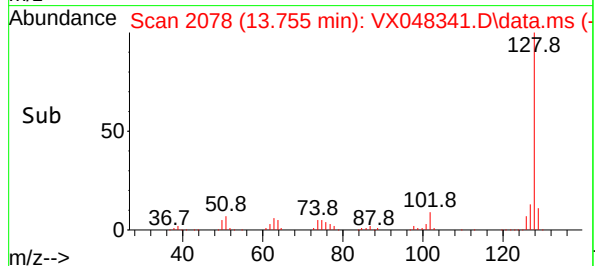
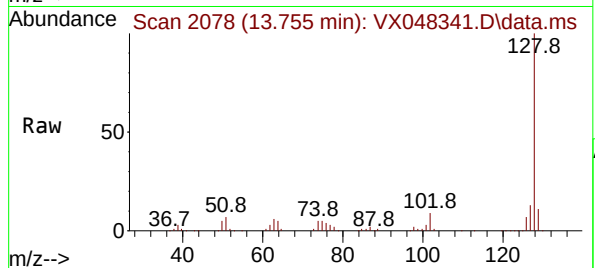
129 10.8 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#96

1,2,3-Trichlorobenzene

Concen: 19.115 ug/l

RT: 13.944 min Scan# 2109

Delta R.T. 0.006 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

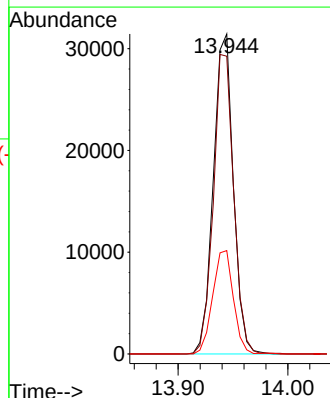
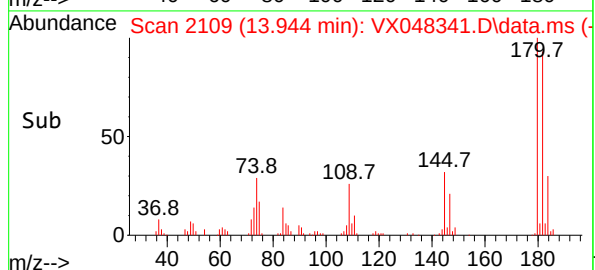
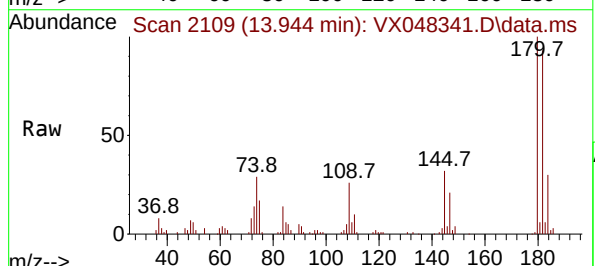
Tgt Ion:180 Resp: 39822

Ion Ratio Lower Upper

180 100

182 95.2 46.6 139.7

145 33.6 16.9 50.7





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

Report of Analysis

Client: ICE Service Group, Inc.
Project: NWIRP Northrup Grumman Site – Bethpage, NY
Client Sample ID: VX1022WBSD01
Lab Sample ID: VX1022WBSD01
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3399
Matrix: TCLP
% Solid: 0
Test: TCLP VOA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-01-4	Vinyl Chloride	17.8		1	0.26	0.75	1.00	ug/L	10/22/25 10:18	VX102225
75-35-4	1,1-Dichloroethene	17.0		1	0.23	0.75	1.00	ug/L	10/22/25 10:18	VX102225
78-93-3	2-Butanone	88.8		1	0.98	2.50	5.00	ug/L	10/22/25 10:18	VX102225
56-23-5	Carbon Tetrachloride	18.3		1	0.25	0.50	1.00	ug/L	10/22/25 10:18	VX102225
67-66-3	Chloroform	19.2		1	0.25	0.50	1.00	ug/L	10/22/25 10:18	VX102225
71-43-2	Benzene	18.6		1	0.15	0.50	1.00	ug/L	10/22/25 10:18	VX102225
107-06-2	1,2-Dichloroethane	19.6		1	0.22	0.50	1.00	ug/L	10/22/25 10:18	VX102225
79-01-6	Trichloroethene	18.8		1	0.090	0.75	1.00	ug/L	10/22/25 10:18	VX102225
127-18-4	Tetrachloroethene	18.3		1	0.23	0.50	1.00	ug/L	10/22/25 10:18	VX102225
108-90-7	Chlorobenzene	19.1		1	0.12	0.50	1.00	ug/L	10/22/25 10:18	VX102225
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	49.3			81 - 118		99%	SPK: 50		
1868-53-7	Dibromofluoromethane	49.3			80 - 119		99%	SPK: 50		
2037-26-5	Toluene-d8	49.2			89 - 112		98%	SPK: 50		
460-00-4	4-Bromofluorobenzene	49.4			85 - 114		99%	SPK: 50		
INTERNAL STANDARDS										
		Area Count								
363-72-4	Pentafluorobenzene	120000								
540-36-3	1,4-Difluorobenzene	196000								
3114-55-4	Chlorobenzene-d5	181000								
3855-82-1	1,4-Dichlorobenzene-d4	92300								

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
 Data File : VX048284.D
 Acq On : 22 Oct 2025 10:18
 Operator : JC/MD
 Sample : VX1022WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/24/2025
 Supervised By : Mahesh Dadoda 10/24/2025

Quant Time: Oct 24 05:52:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.532	168	120104	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.745	114	195961	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	180624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	92297	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	82990	49.283	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.560%		
35) Dibromofluoromethane	5.367	113	65947	49.295	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.580%		
50) Toluene-d8	8.629	98	230741	49.207	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.420%		
62) 4-Bromofluorobenzene	11.061	95	88101	49.387	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.780%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	23340	18.904	ug/l	96
3) Chloromethane	1.301	50	22183	19.248	ug/l	98
4) Vinyl Chloride	1.380	62	18991	17.795	ug/l	99
5) Bromomethane	1.618	94	12429	17.161	ug/l	99
6) Chloroethane	1.697	64	10355	16.512	ug/l #	86
7) Trichlorofluoromethane	1.898	101	36108	17.642	ug/l	96
8) Diethyl Ether	2.136	74	9485	16.470	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.337	101	23134	17.849	ug/l	95
10) Methyl Iodide	2.453	142	29973	18.396	ug/l	97
11) Tert butyl alcohol	2.941	59	12474	74.608	ug/l	98
12) 1,1-Dichloroethene	2.325	96	21375	16.952	ug/l	89
13) Acrolein	2.233	56	17626	103.366	ug/l	94
14) Allyl chloride	2.666	41	34578	16.517	ug/l	95
15) Acrylonitrile	3.056	53	51590	85.572	ug/l	99
16) Acetone	2.374	43	48392	83.768	ug/l	95
17) Carbon Disulfide	2.514	76	60156	15.137	ug/l	96
18) Methyl Acetate	2.697	43	20120	16.677	ug/l	96
19) Methyl tert-butyl Ether	3.105	73	76922	17.882	ug/l	95
20) Methylene Chloride	2.788	84	25251	17.939	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	23986	17.318	ug/l	97
22) Diisopropyl ether	3.751	45	76447	18.308	ug/l	95
23) Vinyl Acetate	3.709	43	296196	88.804	ug/l	95
24) 1,1-Dichloroethane	3.605	63	44297	17.545	ug/l	99
25) 2-Butanone	4.538	43	64935	88.805	ug/l	96
26) 2,2-Dichloropropane	4.459	77	41209	18.083	ug/l	97
27) cis-1,2-Dichloroethene	4.477	96	29677	18.359	ug/l	99
28) Bromochloromethane	4.885	49	19339	18.473	ug/l	85
29) Tetrahydrofuran	4.983	42	38740	88.463	ug/l	92
30) Chloroform	5.074	83	51696	19.165	ug/l	99
31) Cyclohexane	5.458	56	38986	18.651	ug/l	93
32) 1,1,1-Trichloroethane	5.367	97	46741	18.802	ug/l	99
36) 1,1-Dichloropropene	5.678	75	34395	18.089	ug/l	99
37) Ethyl Acetate	4.696	43	26522	16.828	ug/l #	95
38) Carbon Tetrachloride	5.666	117	42819	18.252	ug/l	98
39) Methylcyclohexane	7.367	83	40011	17.817	ug/l	93
40) Benzene	6.019	78	102728	18.608	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
 Data File : VX048284.D
 Acq On : 22 Oct 2025 10:18
 Operator : JC/MD
 Sample : VX1022WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/24/2025
 Supervised By : Mahesh Dadoda 10/24/2025

Quant Time: Oct 24 05:52:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	15325	18.516	ug/l	97
42) 1,2-Dichloroethane	6.068	62	39959	19.615	ug/l	100
43) Isopropyl Acetate	6.324	43	47991	18.537	ug/l #	94
44) Trichloroethene	7.111	130	27345	18.759	ug/l	89
45) 1,2-Dichloropropane	7.415	63	25354	19.317	ug/l	97
46) Dibromomethane	7.568	93	20155	19.710	ug/l	93
47) Bromodichloromethane	7.806	83	43009	19.480	ug/l	97
48) Methyl methacrylate	7.678	41	24768	18.959	ug/l	95
49) 1,4-Dioxane	7.647	88	6857	397.302	ug/l	93
51) 4-Methyl-2-Pentanone	8.555	43	143580	96.190	ug/l	98
52) Toluene	8.702	92	68859	19.634	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	42100	19.787	ug/l	100
54) cis-1,3-Dichloropropene	8.348	75	43961	19.150	ug/l	91
55) 1,1,2-Trichloroethane	9.135	97	26128	20.033	ug/l	96
56) Ethyl methacrylate	9.098	69	37038	19.415	ug/l	94
57) 1,3-Dichloropropane	9.293	76	44479	19.965	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.226	63	87997	86.903	ug/l	95
59) 2-Hexanone	9.415	43	100647	96.700	ug/l	96
60) Dibromochloromethane	9.500	129	33589	19.161	ug/l	99
61) 1,2-Dibromoethane	9.592	107	28498	20.496	ug/l	93
64) Tetrachloroethene	9.257	164	24658	18.287	ug/l	91
65) Chlorobenzene	10.061	112	77769	19.140	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	28328	18.982	ug/l	99
67) Ethyl Benzene	10.177	91	129701	18.749	ug/l	99
68) m/p-Xylenes	10.287	106	99982	38.899	ug/l	99
69) o-Xylene	10.622	106	47318	19.068	ug/l	100
70) Styrene	10.634	104	82638	19.558	ug/l	100
71) Bromoform	10.781	173	22550	18.905	ug/l #	99
73) Isopropylbenzene	10.945	105	124929	18.532	ug/l	100
74) N-amyl acetate	10.823	43	42802	17.899	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.195	83	34771	18.887	ug/l	97
76) 1,2,3-Trichloropropane	11.220	75	31727m	21.197	ug/l	
77) Bromobenzene	11.177	156	31977	18.917	ug/l	93
78) n-propylbenzene	11.287	91	146740	18.800	ug/l	98
79) 2-Chlorotoluene	11.348	91	90136	19.047	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	105222	18.861	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	10645	17.303	ug/l	96
82) 4-Chlorotoluene	11.433	91	105630	18.803	ug/l	96
83) tert-Butylbenzene	11.695	119	107485	18.752	ug/l	97
84) 1,2,4-Trimethylbenzene	11.732	105	107910	19.382	ug/l	99
85) sec-Butylbenzene	11.872	105	126036	18.276	ug/l	100
86) p-Isopropyltoluene	11.988	119	109030	18.291	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	58821	18.459	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	60184	18.231	ug/l	98
89) n-Butylbenzene	12.317	91	93633	17.258	ug/l	98
90) Hexachloroethane	12.518	117	19578	16.632	ug/l	94
91) 1,2-Dichlorobenzene	12.317	146	54904	18.351	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.920	75	6427	17.199	ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	33681	16.647	ug/l	97
94) Hexachlorobutadiene	13.707	225	13822	18.273	ug/l	97
95) Naphthalene	13.756	128	92069	17.176	ug/l	99
96) 1,2,3-Trichlorobenzene	13.939	180	33036	17.794	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048284.D
Acq On : 22 Oct 2025 10:18
Operator : JC/MD
Sample : VX1022WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

Quant Time: Oct 24 05:52:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

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

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

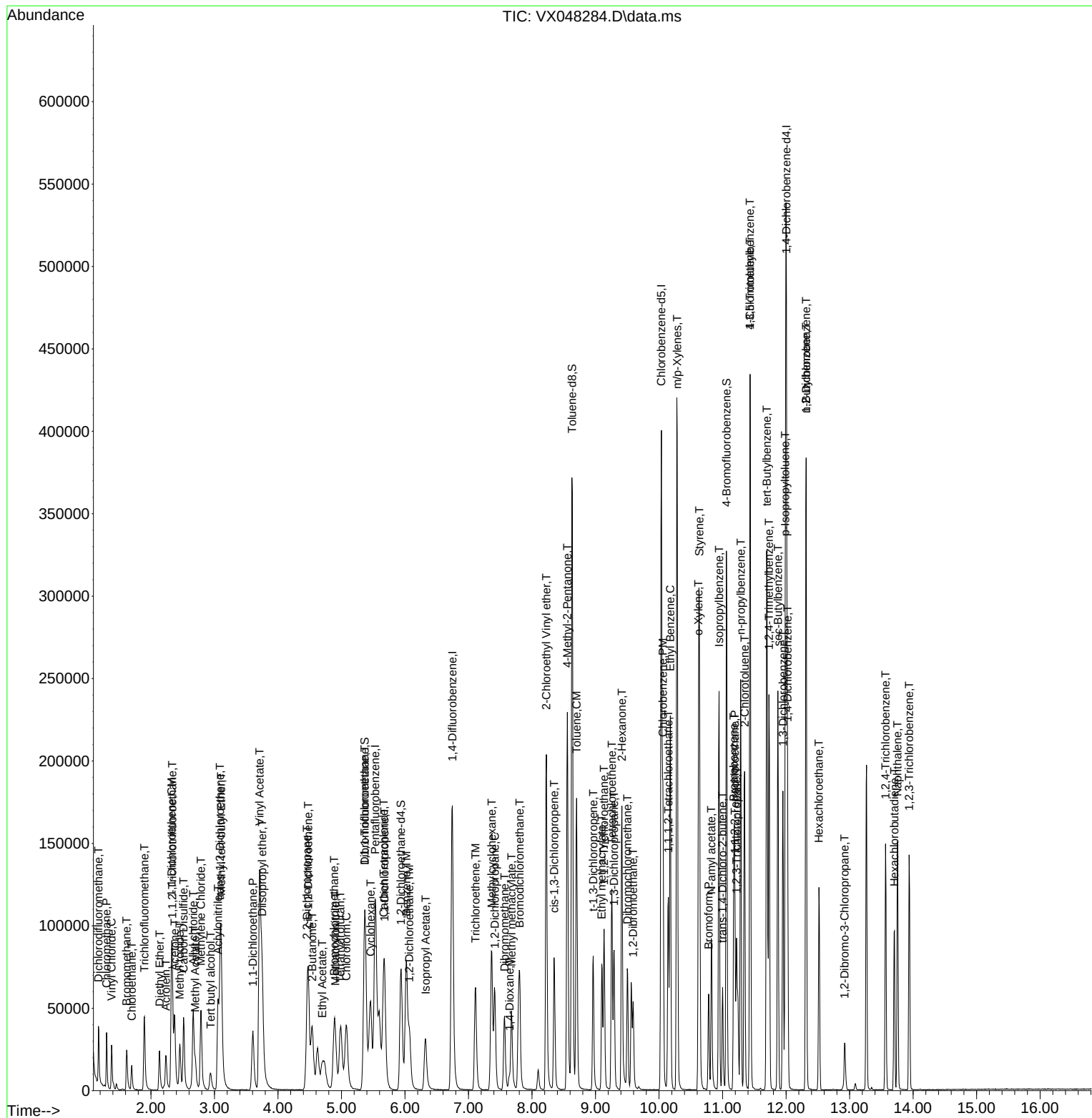
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
 Data File : VX048284.D
 Acq On : 22 Oct 2025 10:18
 Operator : JC/MD
 Sample : VX1022WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

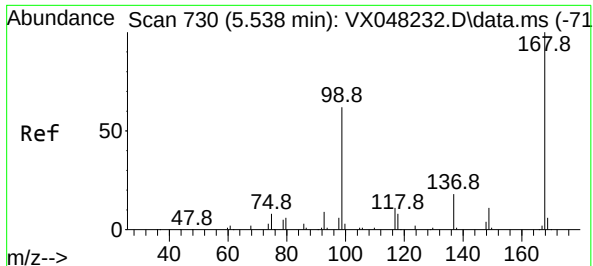
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBSD01

Manual Integrations APPROVED

Reviewed By : John Carlone 10/24/2025
 Supervised By : Mahesh Dadoda 10/24/2025

Quant Time: Oct 24 05:52:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration





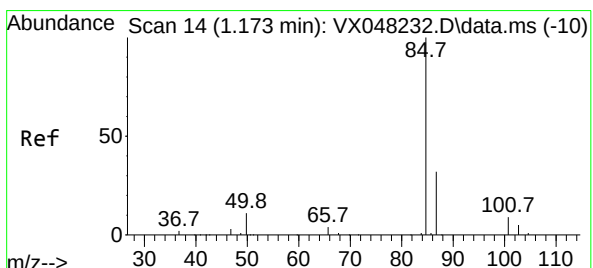
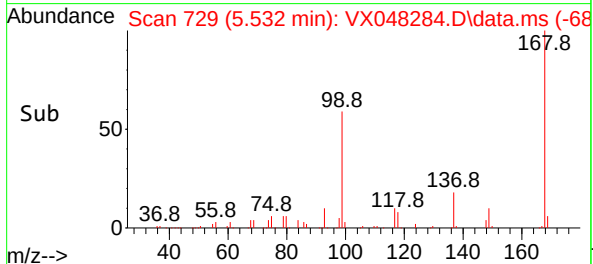
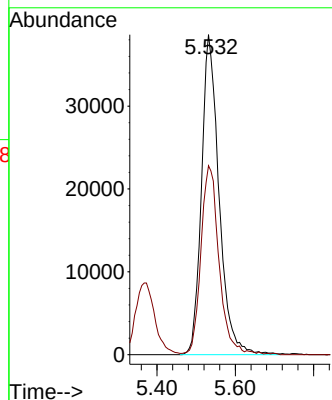
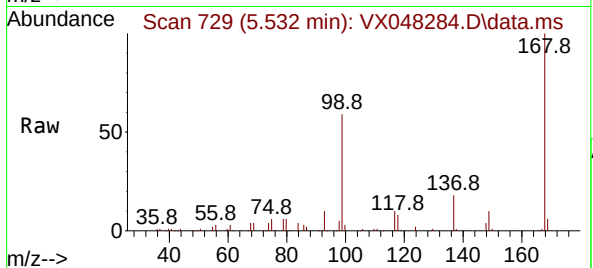
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

Tgt Ion:168 Resp: 120104
Ion Ratio Lower Upper
168 100
99 59.1 46.4 69.6

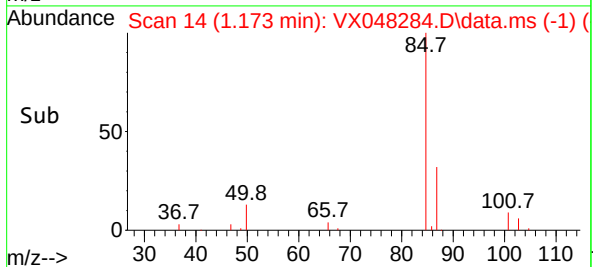
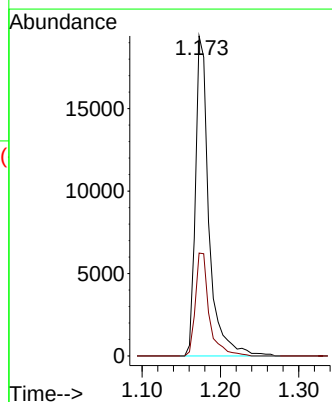
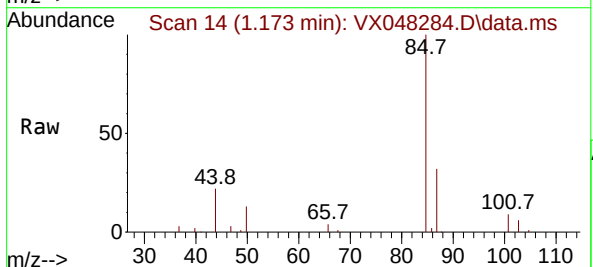
Manual Integrations
APPROVED

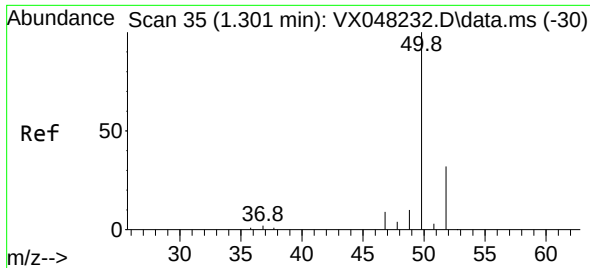
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#2
Dichlorodifluoromethane
Concen: 18.904 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 85 Resp: 23340
Ion Ratio Lower Upper
85 100
87 32.5 15.3 45.9





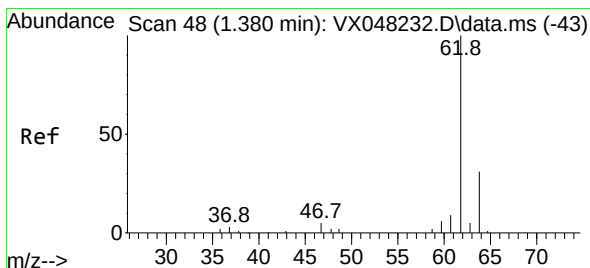
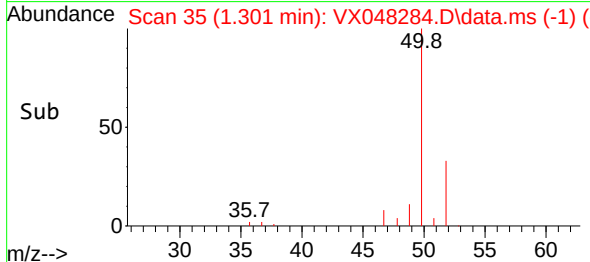
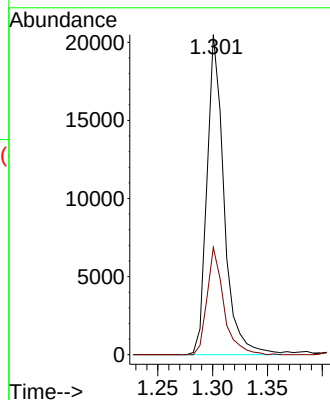
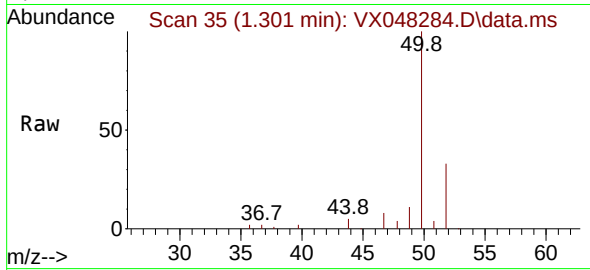
#3
Chloromethane
Concen: 19.248 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

Tgt Ion: 50 Resp: 2218
Ion Ratio Lower Upper
50 100
52 33.5 25.9 38.9

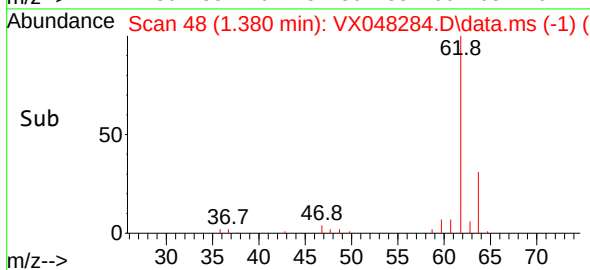
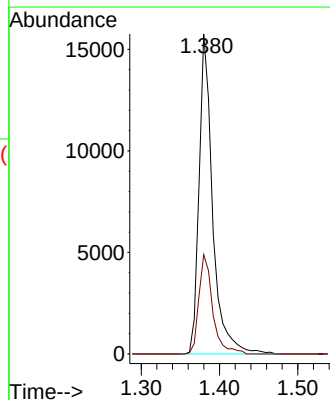
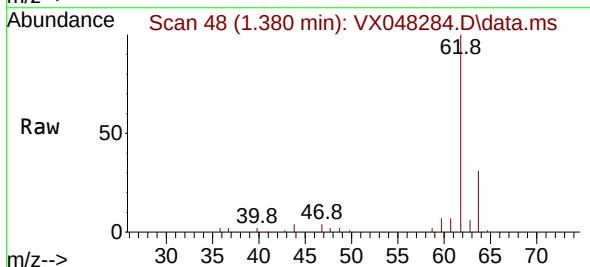
Manual Integrations
APPROVED

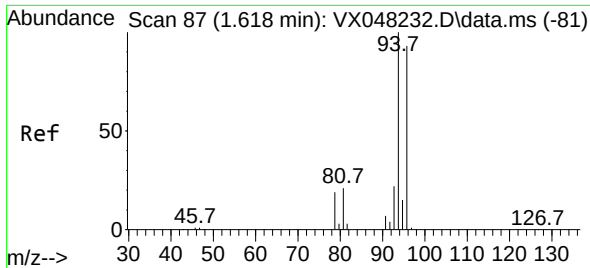
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#4
Vinyl Chloride
Concen: 17.795 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 62 Resp: 18991
Ion Ratio Lower Upper
62 100
64 31.0 25.1 37.7





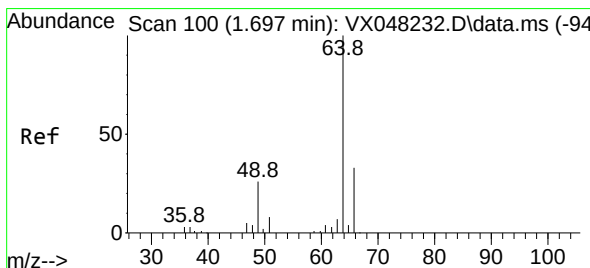
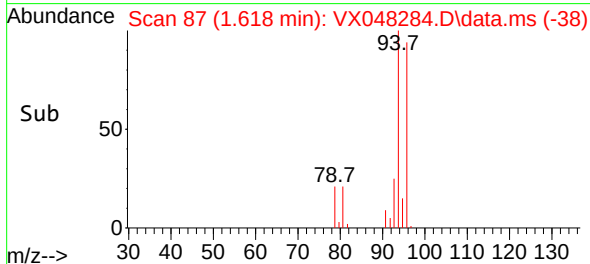
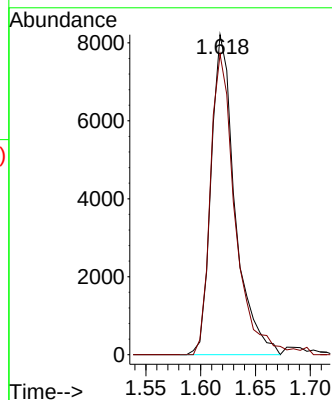
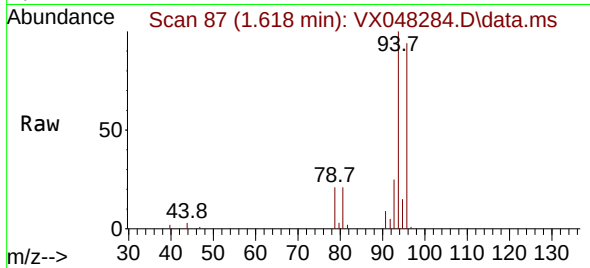
#5
Bromomethane
Concen: 17.161 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

Tgt Ion: 94 Resp: 12429
Ion Ratio Lower Upper
94 100
96 93.9 76.0 114.0

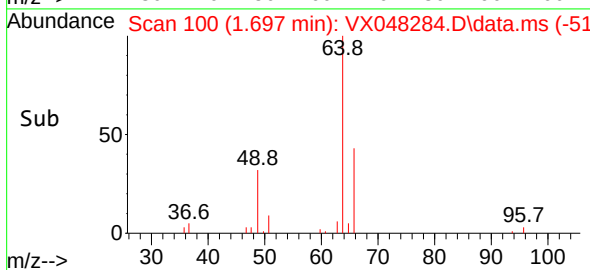
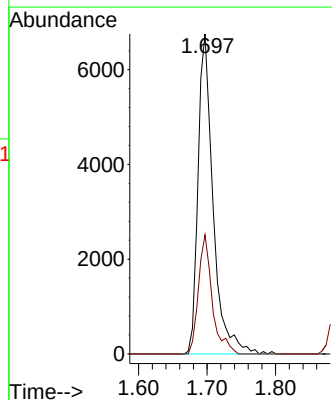
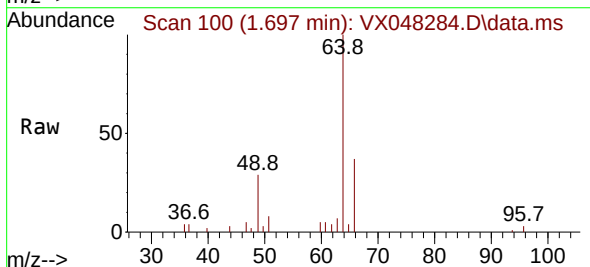
Manual Integrations
APPROVED

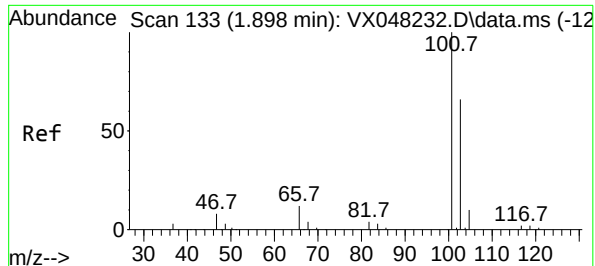
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#6
Chloroethane
Concen: 16.512 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

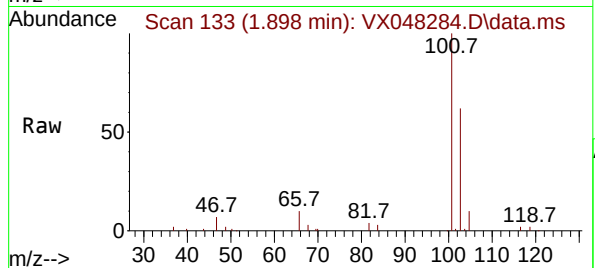
Tgt Ion: 64 Resp: 10355
Ion Ratio Lower Upper
64 100
66 37.3 23.9 35.9#





#7
Trichlorofluoromethane
Concen: 17.642 ug/l
RT: 1.898 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

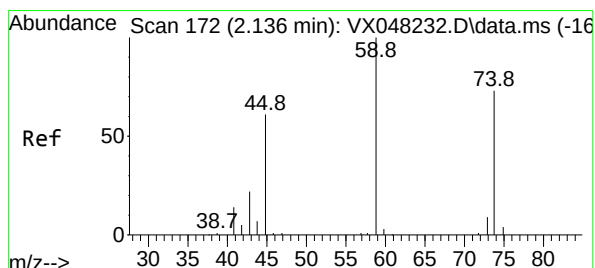
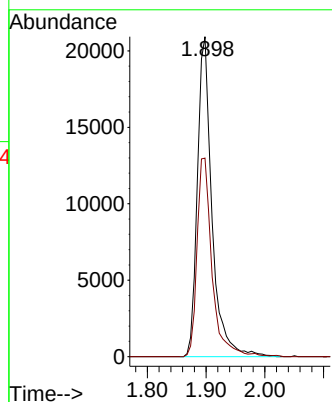
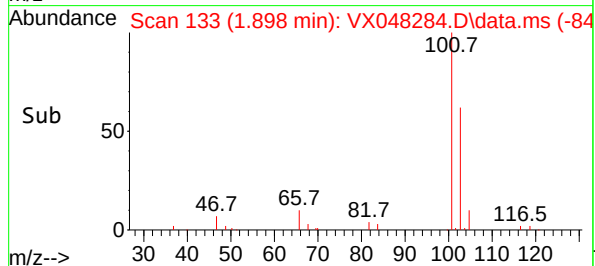
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01



Tgt Ion:101 Resp: 3610
Ion Ratio Lower Upper
101 100
103 61.4 51.6 77.4

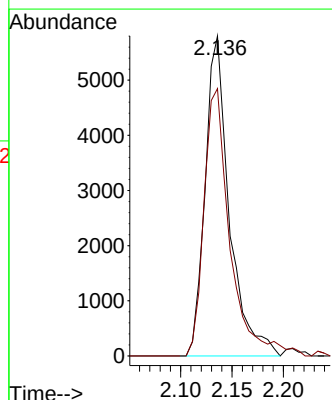
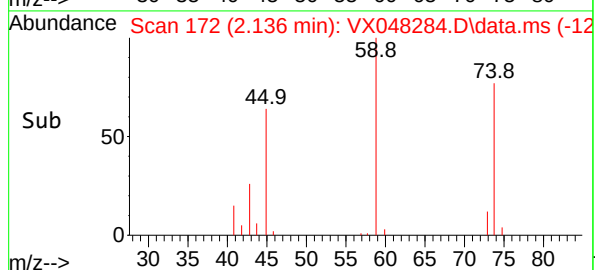
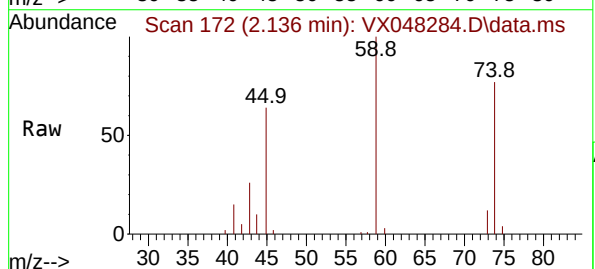
Manual Integrations
APPROVED

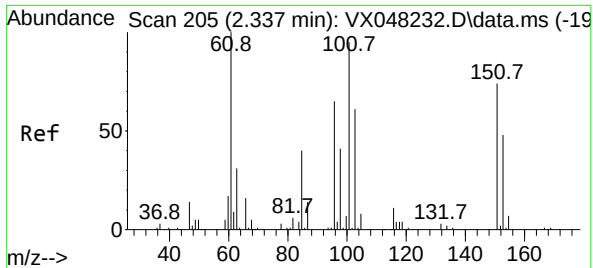
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#8
Diethyl Ether
Concen: 16.470 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 74 Resp: 9485
Ion Ratio Lower Upper
74 100
45 89.8 50.0 149.8





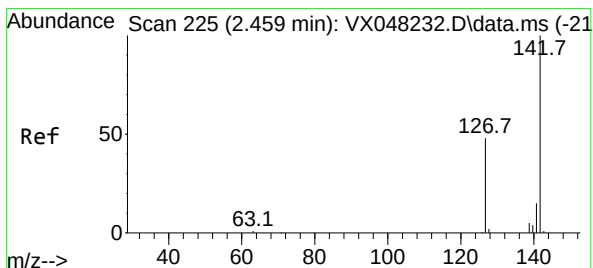
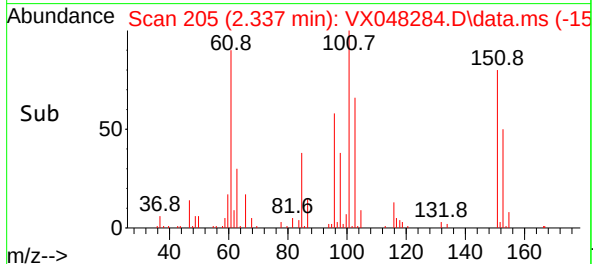
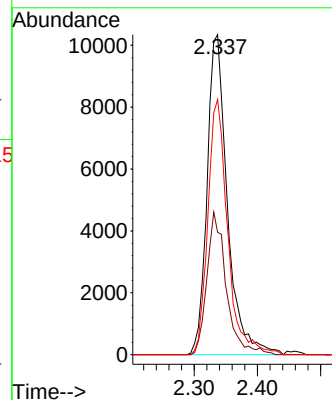
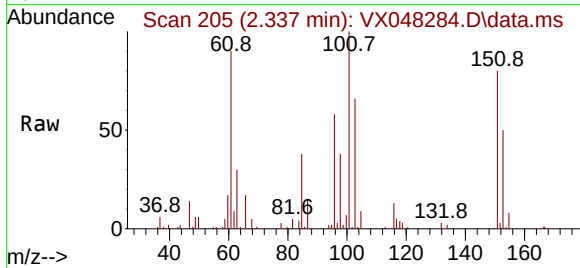
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.849 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

Tgt Ion:101 Resp: 23134
Ion Ratio Lower Upper
101 100
85 42.6 35.6 53.4
151 77.9 58.0 87.0

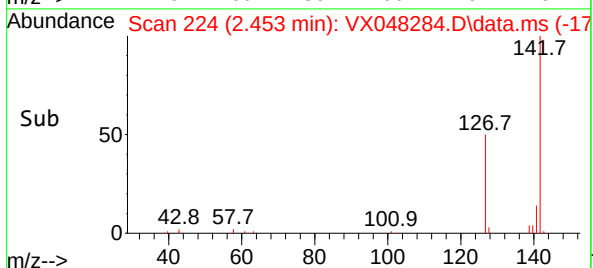
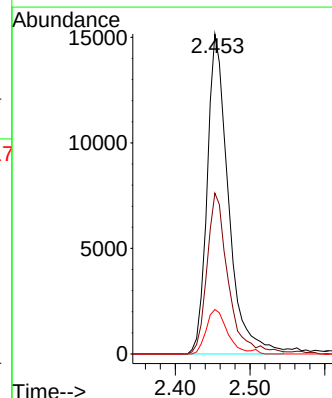
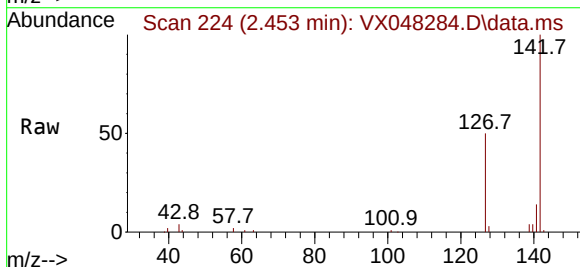
Manual Integrations
APPROVED

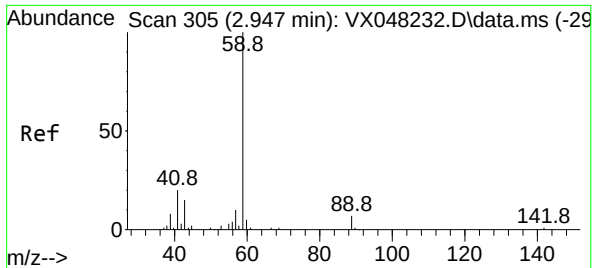
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#10
Methyl Iodide
Concen: 18.396 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:142 Resp: 29973
Ion Ratio Lower Upper
142 100
127 50.2 38.5 57.7
141 14.1 11.6 17.4





#11

Tert butyl alcohol

Concen: 74.608 ug/l

RT: 2.941 min Scan# 305

Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD01

Tgt Ion: 59 Resp: 12474

Ion Ratio Lower Upper

59 100

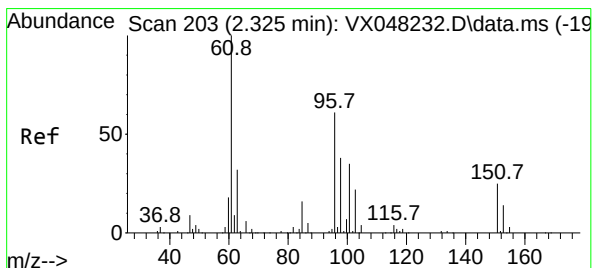
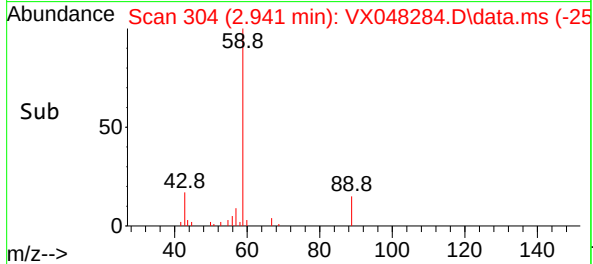
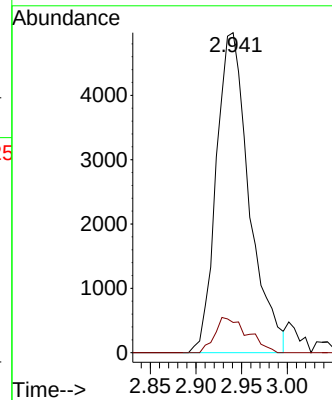
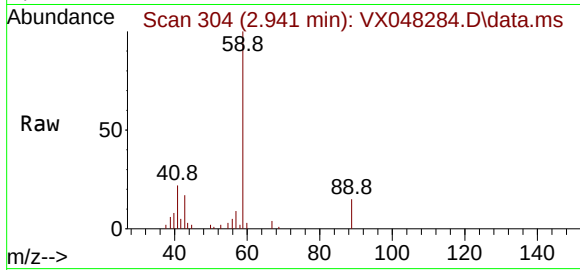
57 11.0 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#12

1,1-Dichloroethene

Concen: 16.952 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

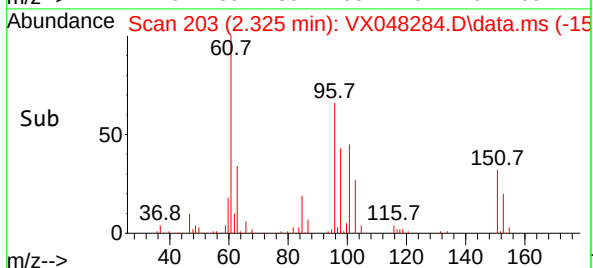
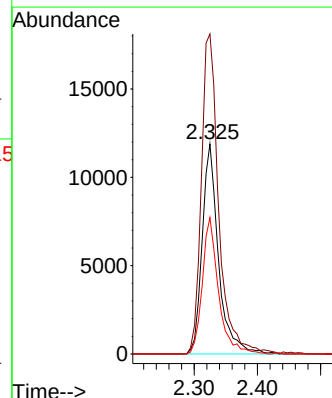
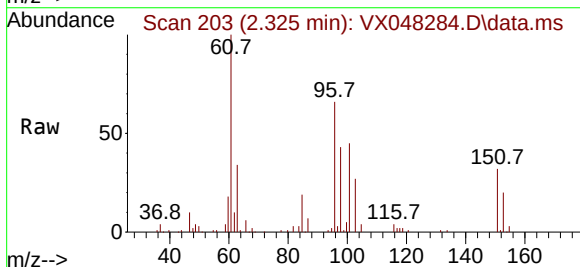
Tgt Ion: 96 Resp: 21375

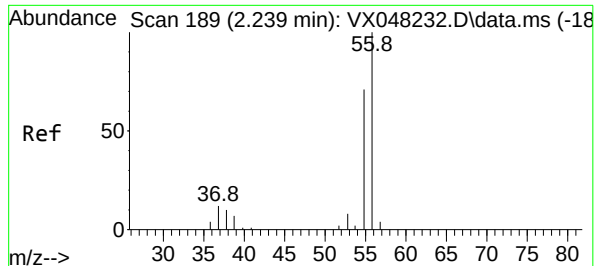
Ion Ratio Lower Upper

96 100

61 152.4 139.0 208.6

98 64.9 52.4 78.6





#13

Acrolein

Concen: 103.366 ug/l

RT: 2.233 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD01

Tgt Ion: 56 Resp: 17620

Ion Ratio Lower Upper

56 100

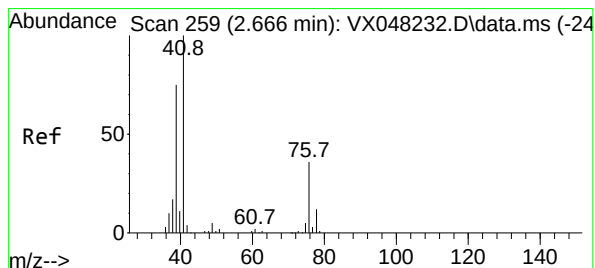
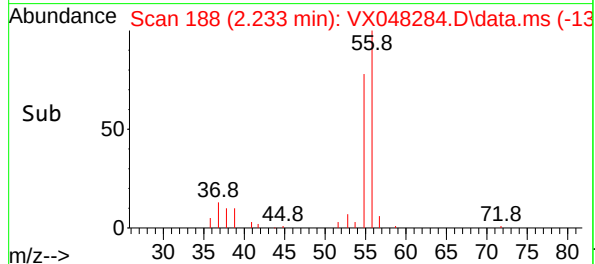
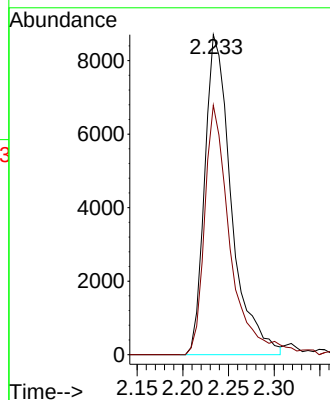
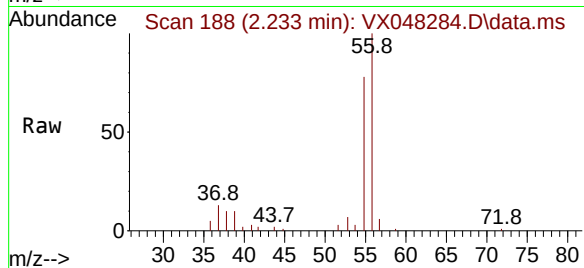
55 75.3 56.1 84.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#14

Allyl chloride

Concen: 16.517 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

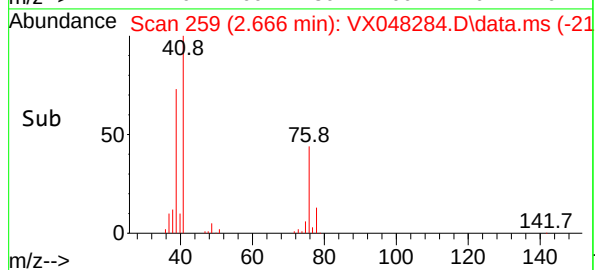
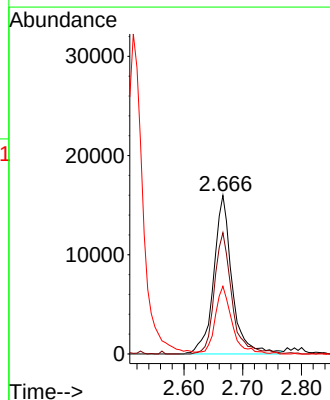
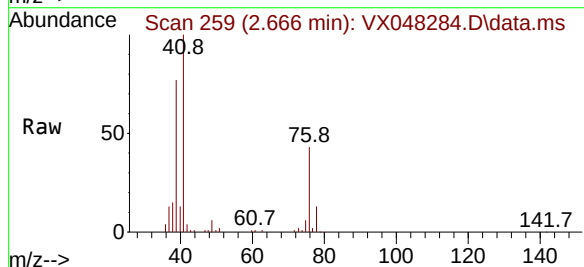
Tgt Ion: 41 Resp: 34578

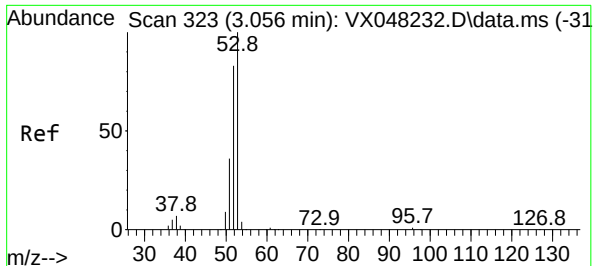
Ion Ratio Lower Upper

41 100

39 73.3 56.0 84.0

76 37.8 27.5 41.3





#15

Acrylonitrile

Concen: 85.572 ug/l

RT: 3.056 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD01

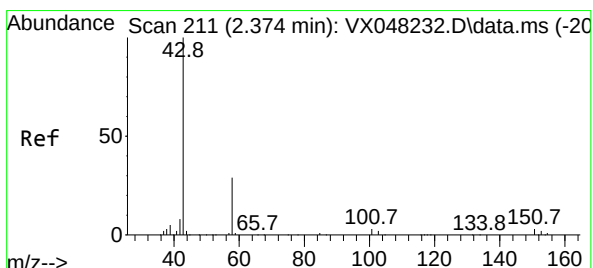
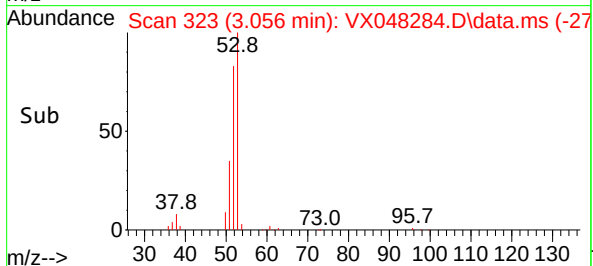
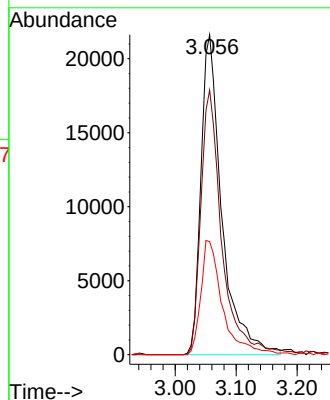
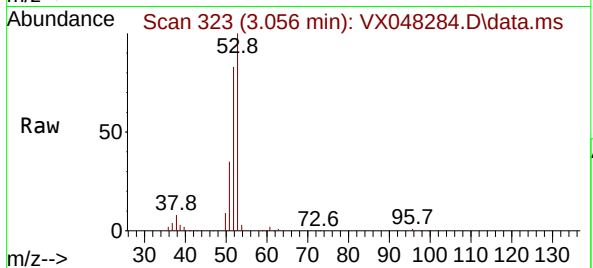
Tgt Ion:	53	Resp:	51590
Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.1	99.1
51	37.1	29.0	43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#16

Acetone

Concen: 83.768 ug/l

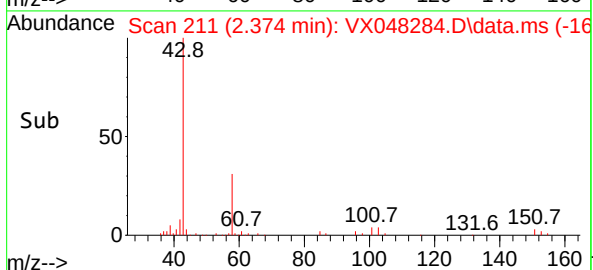
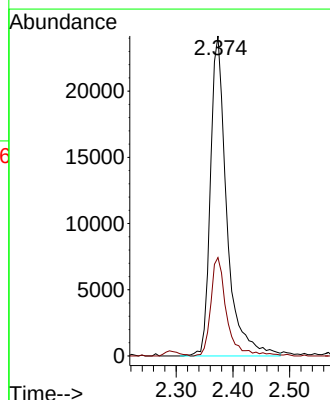
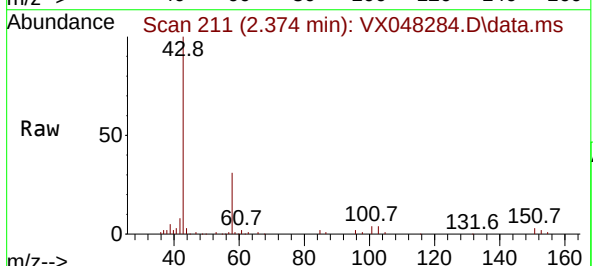
RT: 2.374 min Scan# 211

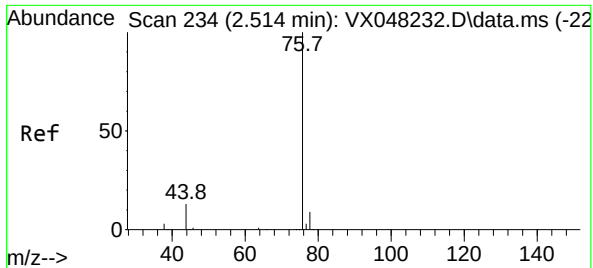
Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Tgt Ion:	43	Resp:	48392
Ion	Ratio	Lower	Upper
43	100		
58	31.9	23.4	35.2





#17

Carbon Disulfide

Concen: 15.137 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD01

Tgt Ion: 76 Resp: 60150

Ion Ratio Lower Upper

76 100

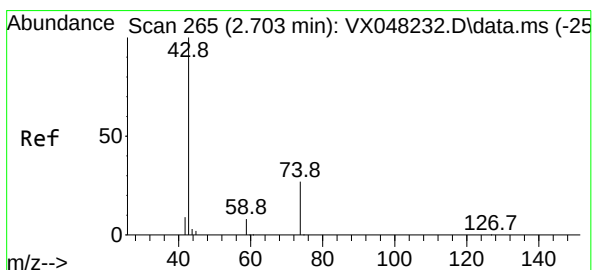
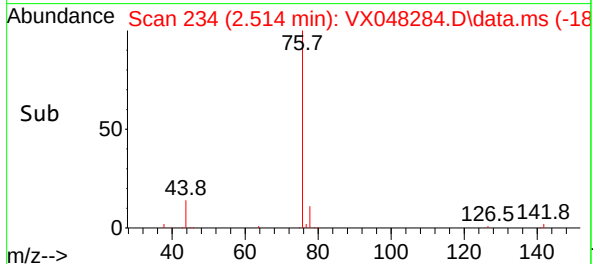
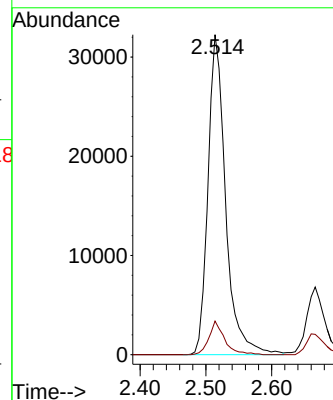
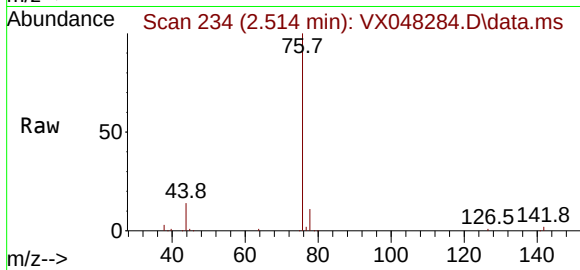
78 10.5 7.1 10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#18

Methyl Acetate

Concen: 16.677 ug/l

RT: 2.697 min Scan# 264

Delta R.T. 0.000 min

Lab File: VX048284.D

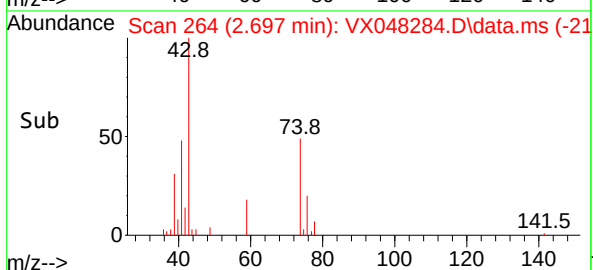
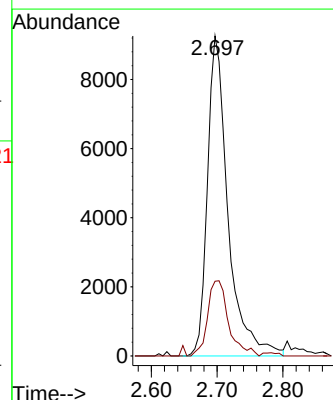
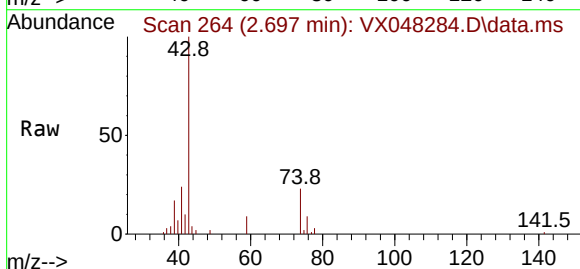
Acq: 22 Oct 2025 10:18

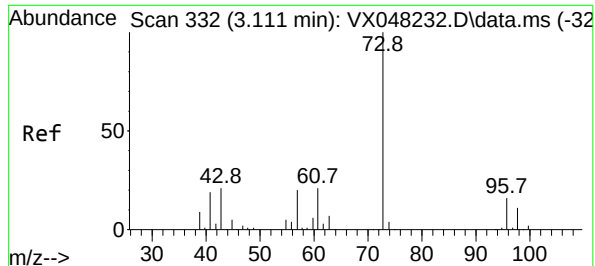
Tgt Ion: 43 Resp: 20120

Ion Ratio Lower Upper

43 100

74 23.9 17.5 26.3





#19

Methyl tert-butyl Ether

Concen: 17.882 ug/l

RT: 3.105 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD01

Tgt Ion: 73 Resp: 7692

Ion Ratio Lower Upper

73 100

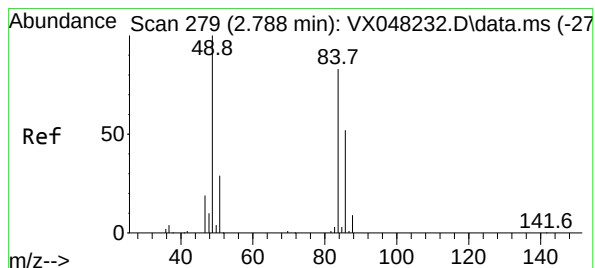
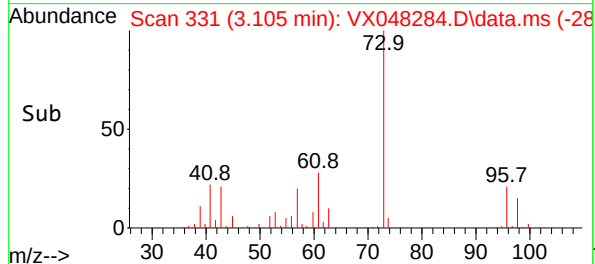
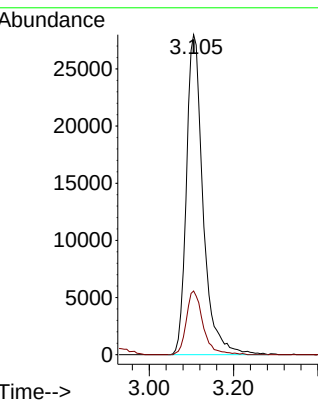
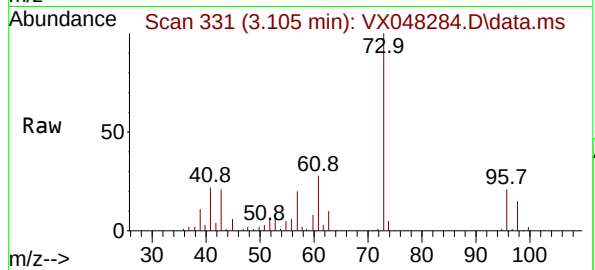
57 19.9 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#20

Methylene Chloride

Concen: 17.939 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Tgt Ion: 84 Resp: 25251

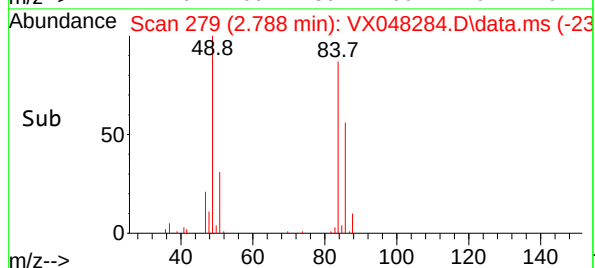
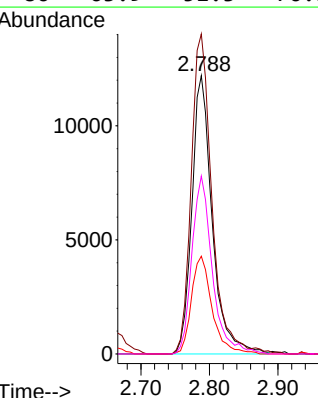
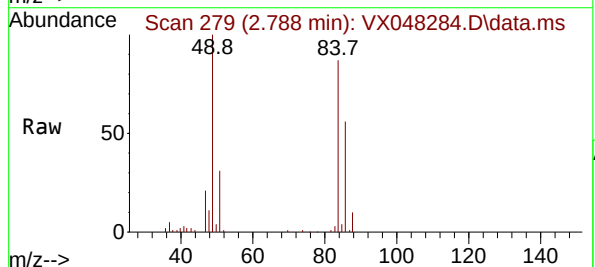
Ion Ratio Lower Upper

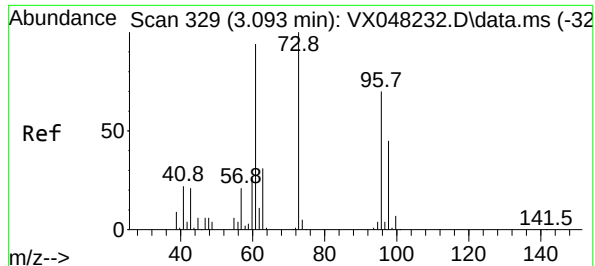
84 100

49 115.0 104.1 156.1

51 35.1 31.3 46.9

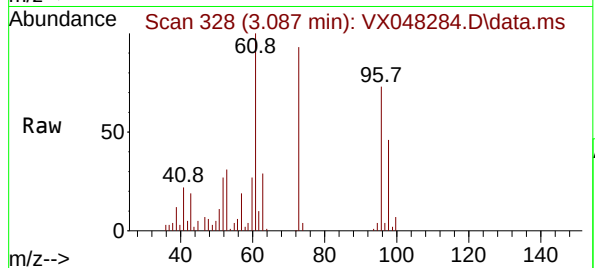
86 63.9 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 17.318 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

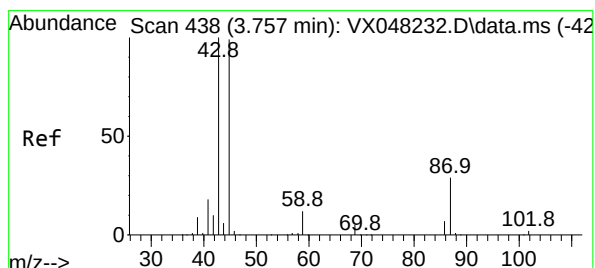
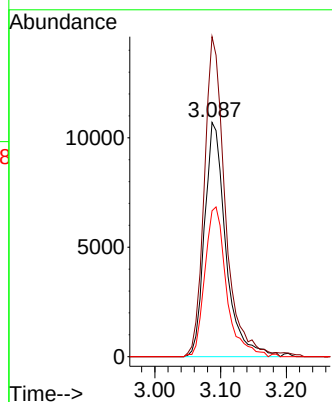
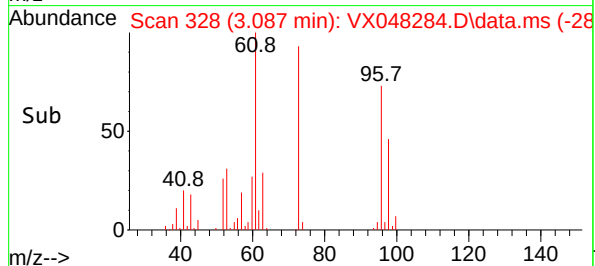
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01



Tgt Ion: 96 Resp: 23980
Ion Ratio Lower Upper
96 100
61 136.6 111.9 167.9
98 62.3 51.2 76.8

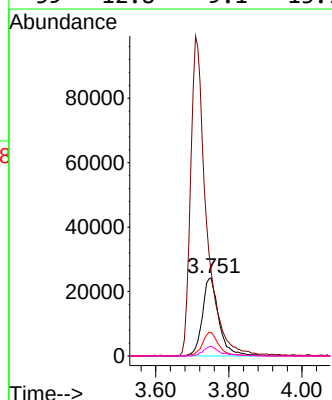
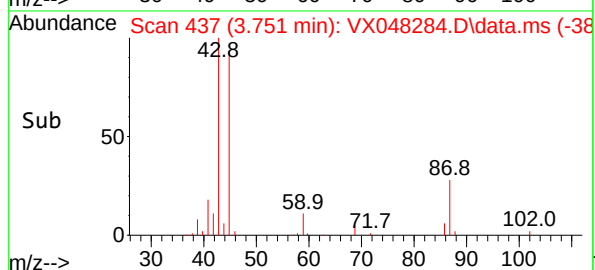
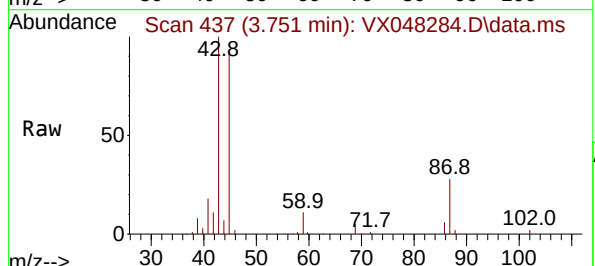
Manual Integrations
APPROVED

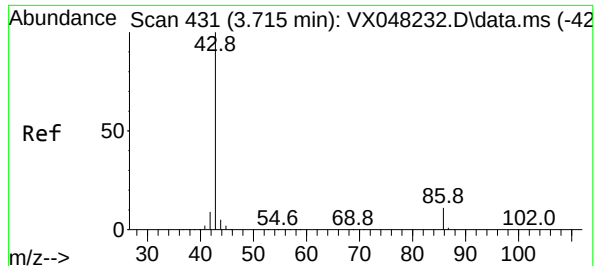
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#22
Diisopropyl ether
Concen: 18.308 ug/l
RT: 3.751 min Scan# 437
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 45 Resp: 76447
Ion Ratio Lower Upper
45 100
43 107.4 89.8 134.8
87 30.2 20.6 31.0
59 12.8 9.1 13.7





#23

Vinyl Acetate

Concen: 88.804 ug/l

RT: 3.709 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD01

Tgt Ion: 43 Resp: 296190

Ion Ratio Lower Upper

43 100

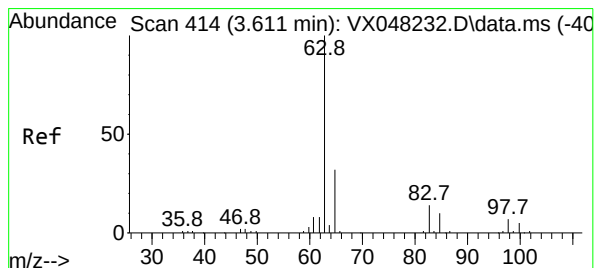
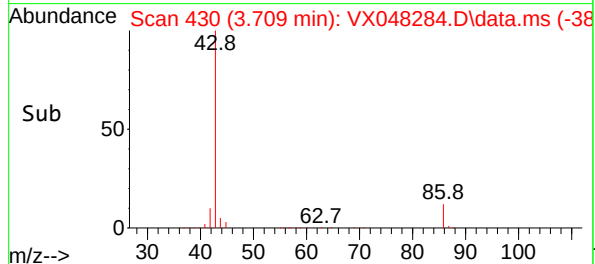
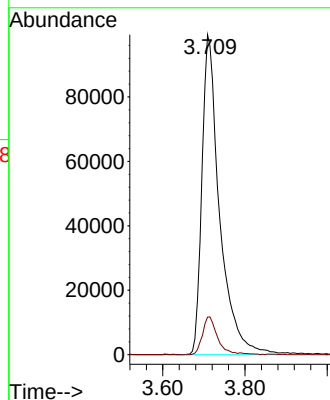
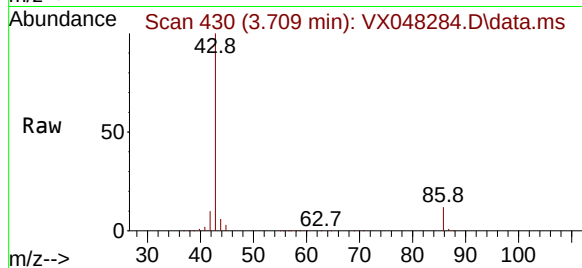
86 11.7 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#24

1,1-Dichloroethane

Concen: 17.545 ug/l

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

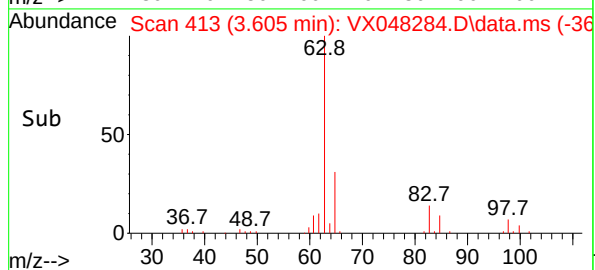
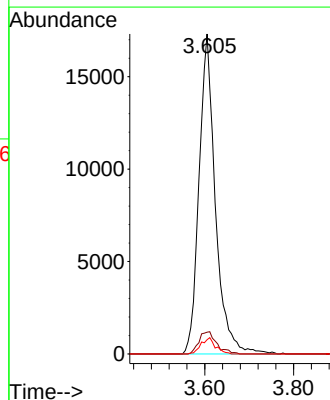
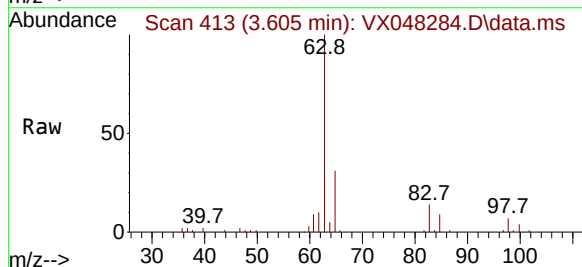
Tgt Ion: 63 Resp: 44297

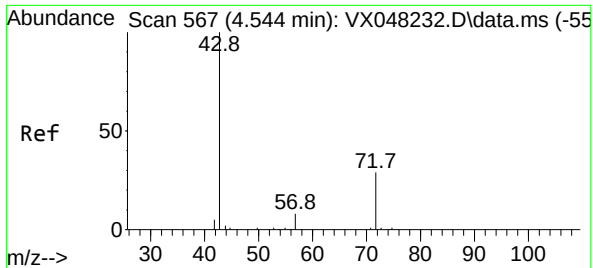
Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.6

100 4.5 2.1 6.3





#25

2-Butanone

Concen: 88.805 ug/l

RT: 4.538 min Scan# 50

Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD01

Tgt Ion: 43 Resp: 6493

Ion Ratio Lower Upper

43 100

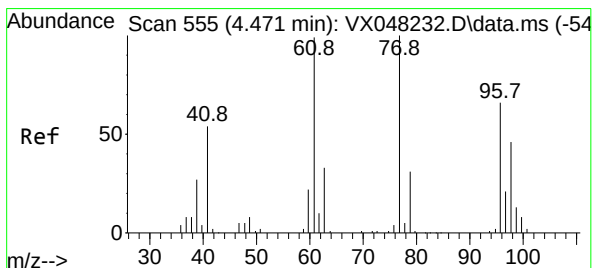
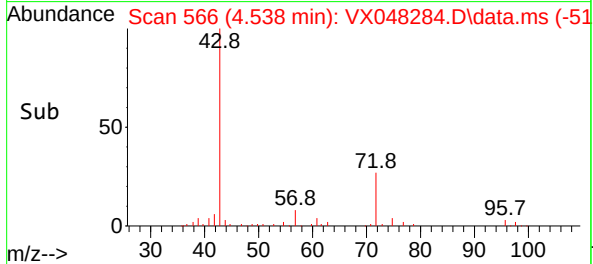
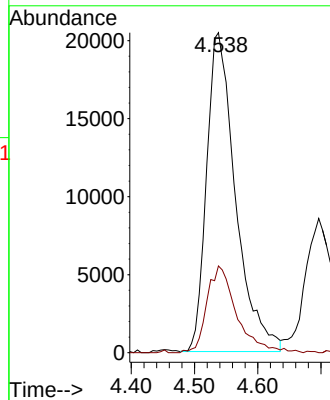
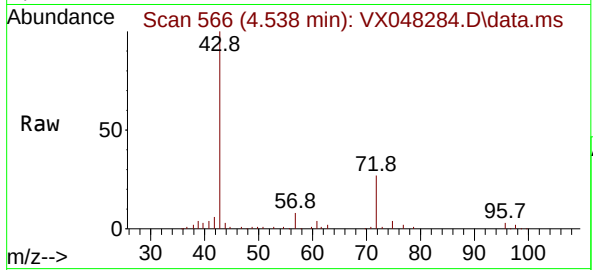
72 27.1 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#26

2,2-Dichloropropane

Concen: 18.083 ug/l

RT: 4.459 min Scan# 553

Delta R.T. -0.006 min

Lab File: VX048284.D

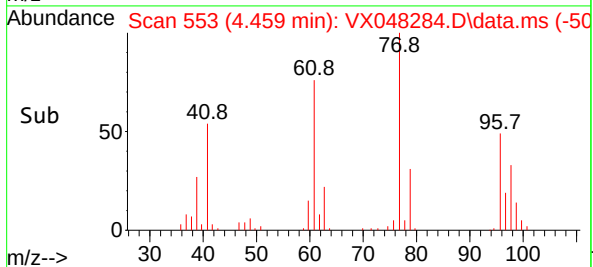
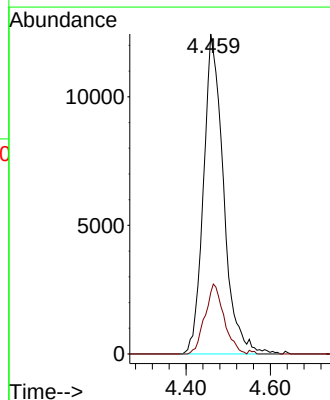
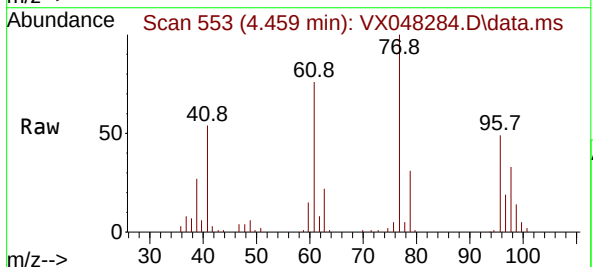
Acq: 22 Oct 2025 10:18

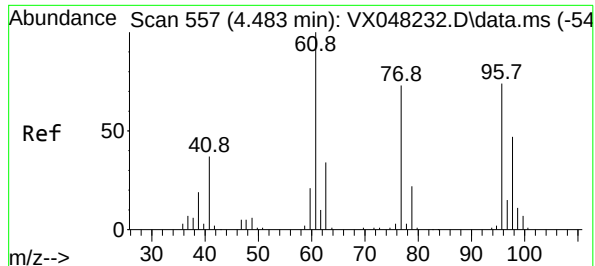
Tgt Ion: 77 Resp: 41209

Ion Ratio Lower Upper

77 100

97 20.8 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 18.359 ug/l

RT: 4.477 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD01

Tgt Ion: 96 Resp: 2967

Ion Ratio Lower Upper

96 100

61 144.8 0.0 294.2

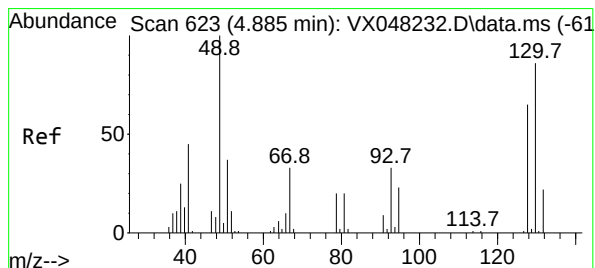
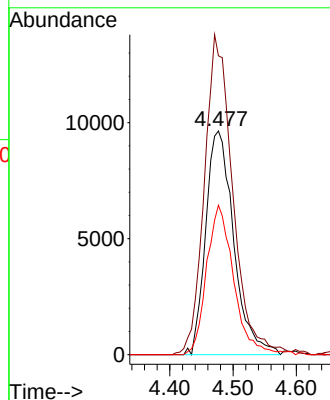
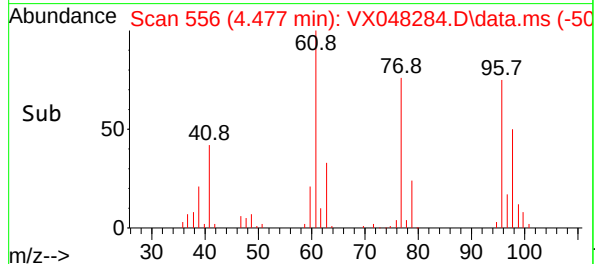
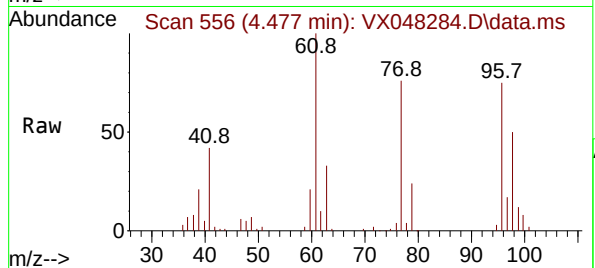
98 64.7 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#28

Bromochloromethane

Concen: 18.473 ug/l

RT: 4.885 min Scan# 623

Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

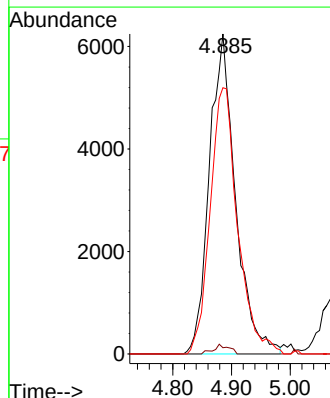
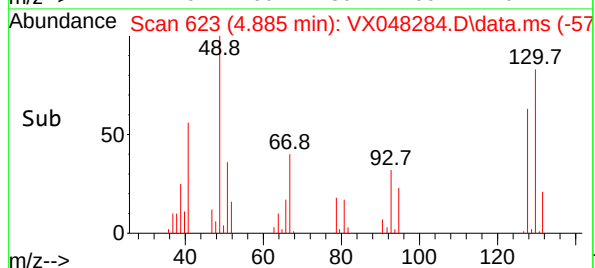
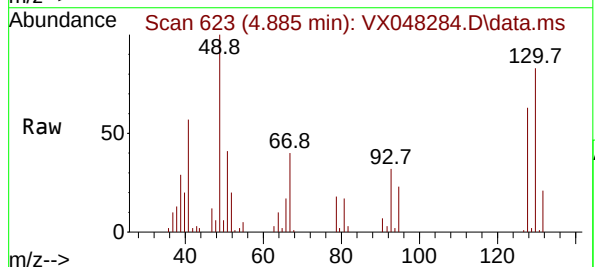
Tgt Ion: 49 Resp: 19339

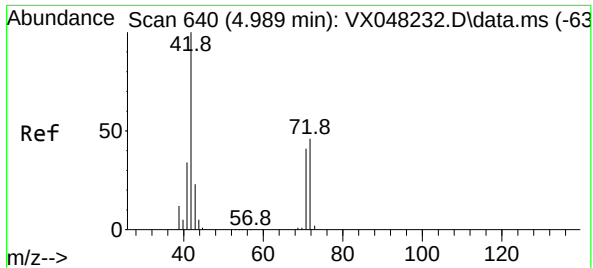
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.4

130 87.3 59.3 88.9





#29

Tetrahydrofuran

Concen: 88.463 ug/l

RT: 4.983 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD01

Tgt Ion: 42 Resp: 38740

Ion Ratio Lower Upper

42 100

72 49.8 35.3 52.9

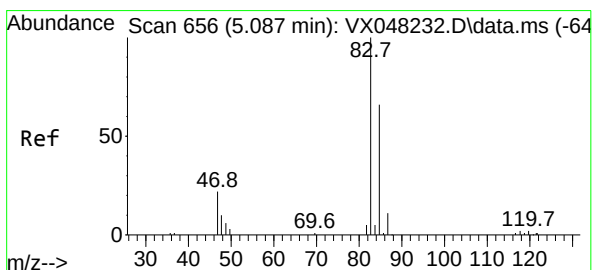
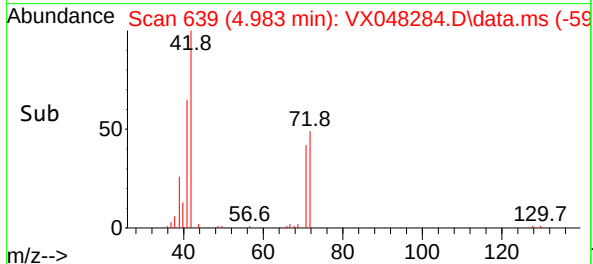
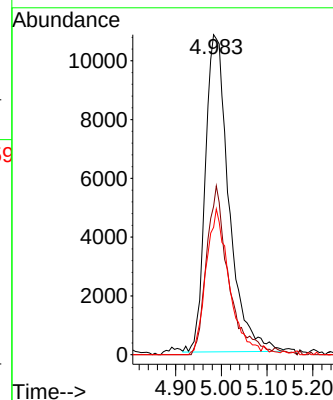
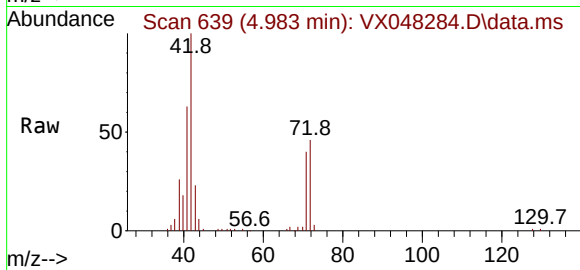
71 45.0 32.2 48.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#30

Chloroform

Concen: 19.165 ug/l

RT: 5.074 min Scan# 654

Delta R.T. -0.006 min

Lab File: VX048284.D

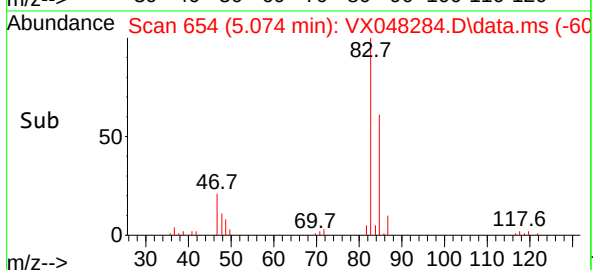
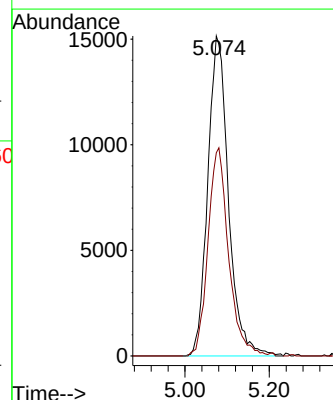
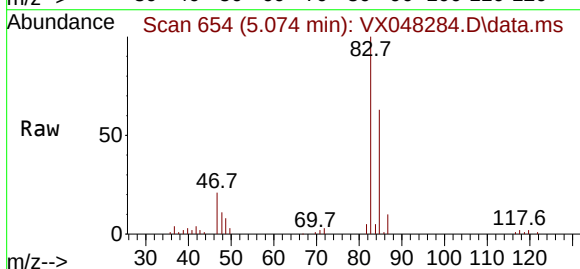
Acq: 22 Oct 2025 10:18

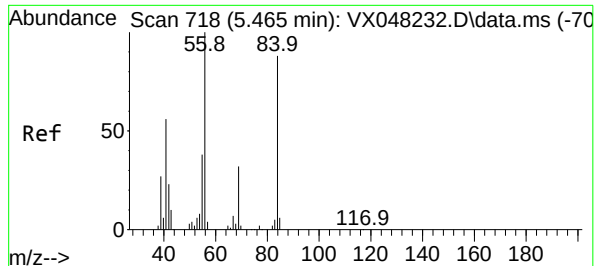
Tgt Ion: 83 Resp: 51696

Ion Ratio Lower Upper

83 100

85 63.5 50.1 75.1





#31

Cyclohexane

Concen: 18.651 ug/l

RT: 5.458 min Scan# 718

Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD01

Tgt Ion: 56 Resp: 3898

Ion Ratio Lower Upper

56 100

69 32.7 23.0 34.6

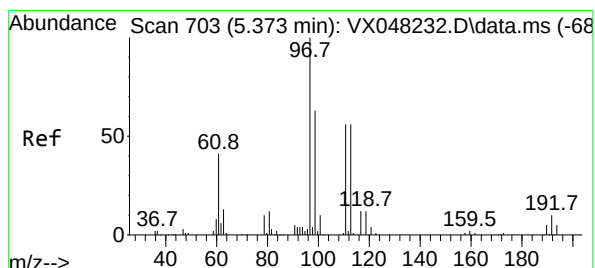
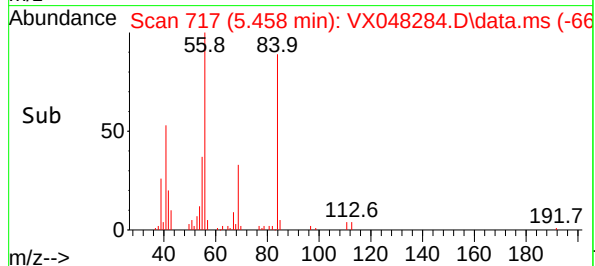
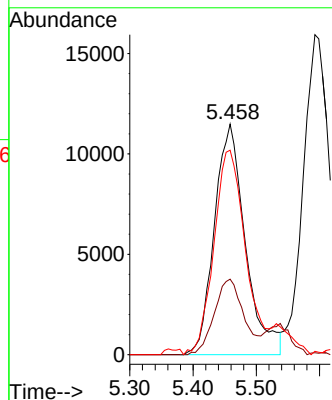
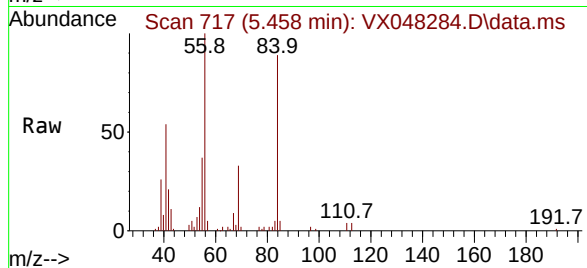
84 86.3 64.6 97.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#32

1,1,1-Trichloroethane

Concen: 18.802 ug/l

RT: 5.367 min Scan# 702

Delta R.T. -0.006 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

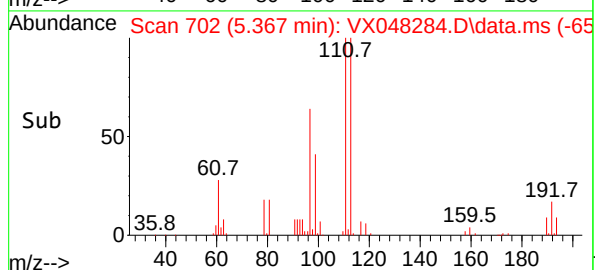
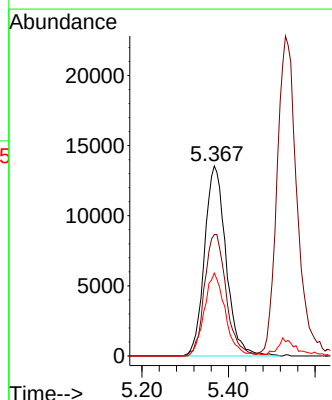
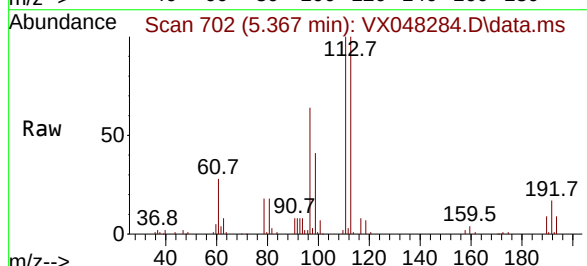
Tgt Ion: 97 Resp: 46741

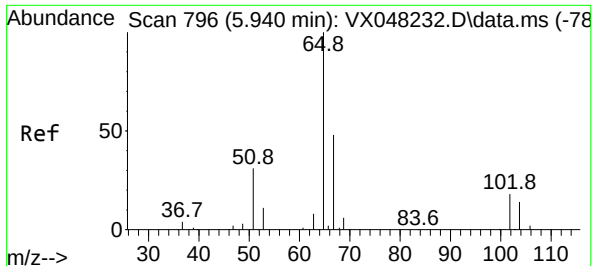
Ion Ratio Lower Upper

97 100

99 64.4 51.7 77.5

61 42.4 34.8 52.2





#33

1,2-Dichloroethane-d4

Concen: 49.283 ug/l

RT: 5.934 min Scan# 796

Delta R.T. -0.006 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD01

Tgt Ion: 65 Resp: 82990

Ion Ratio Lower Upper

65 100

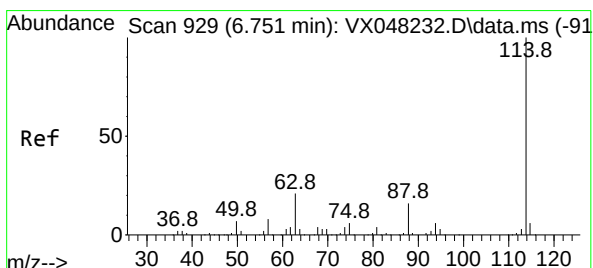
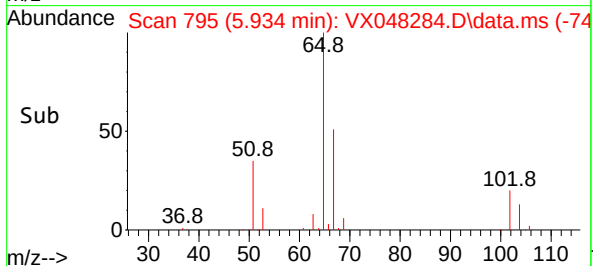
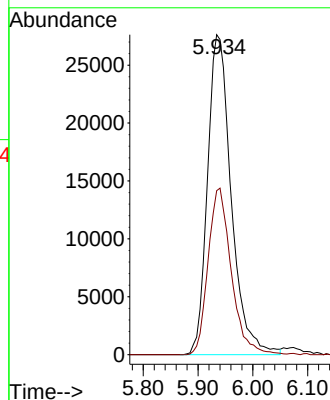
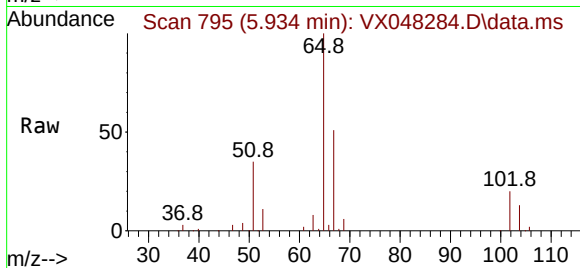
67 50.9 0.0 105.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

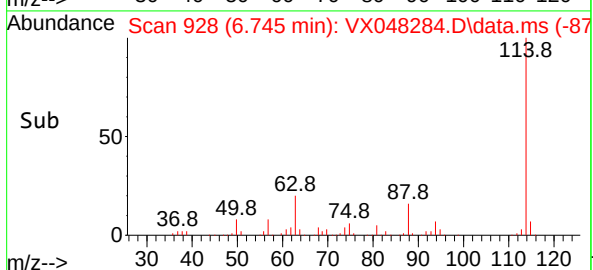
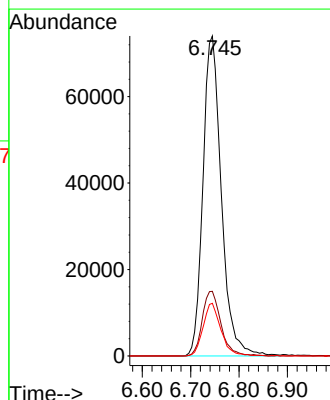
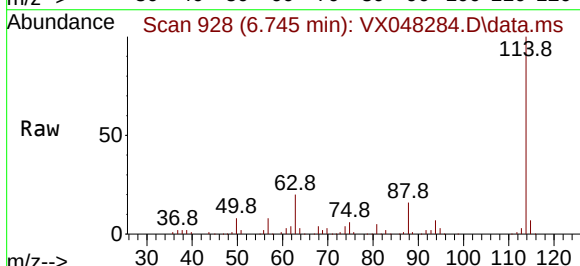
Tgt Ion:114 Resp: 195961

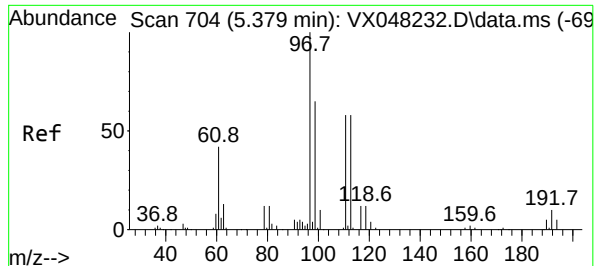
Ion Ratio Lower Upper

114 100

63 20.2 0.0 43.2

88 16.5 0.0 33.6





#35

Dibromofluoromethane

Concen: 49.295 ug/l

RT: 5.367 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD01

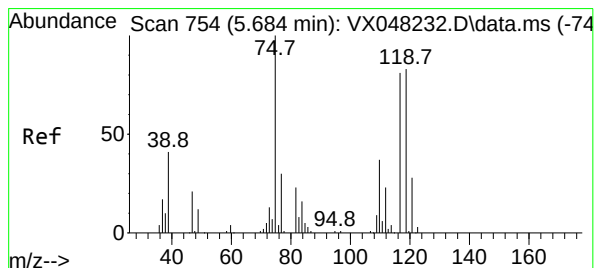
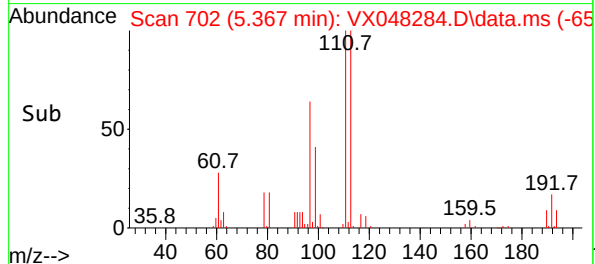
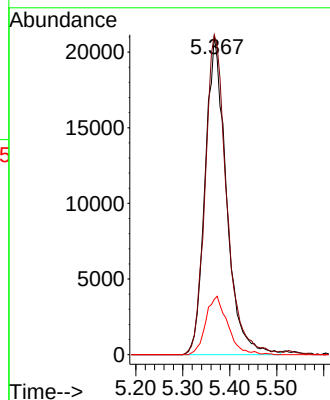
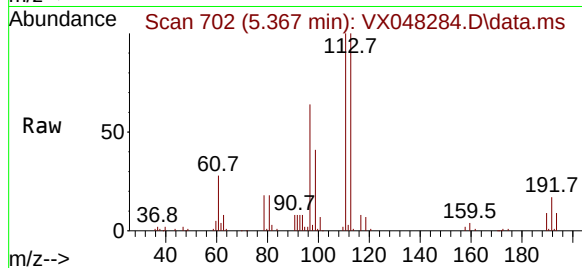
Tgt Ion:	113	Resp:	6594
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.2	123.4
192	18.9	15.1	22.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#36

1,1-Dichloropropene

Concen: 18.089 ug/l

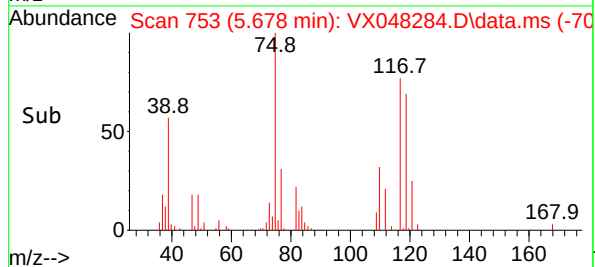
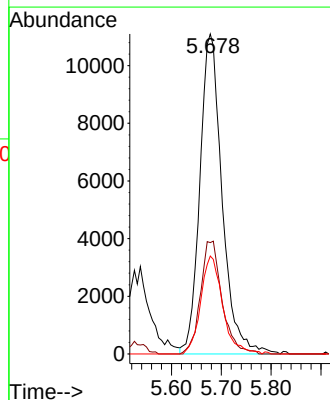
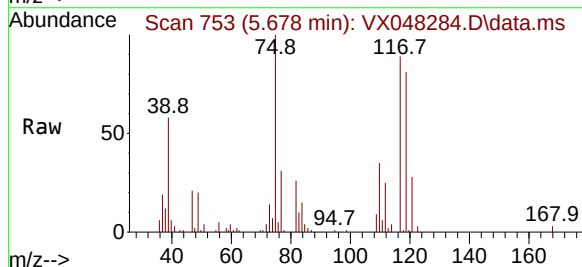
RT: 5.678 min Scan# 753

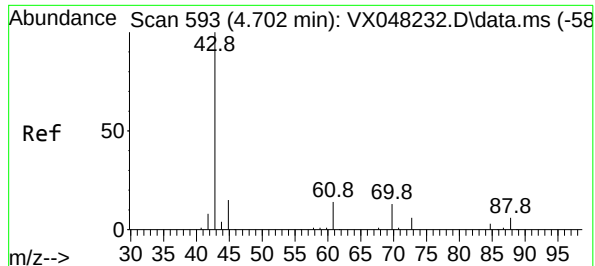
Delta R.T. -0.006 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Tgt Ion:	75	Resp:	34395
Ion	Ratio	Lower	Upper
75	100		
110	34.2	17.7	53.1
77	30.1	24.3	36.5





#37

Ethyl Acetate

Concen: 16.828 ug/l

RT: 4.696 min Scan# 592

Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

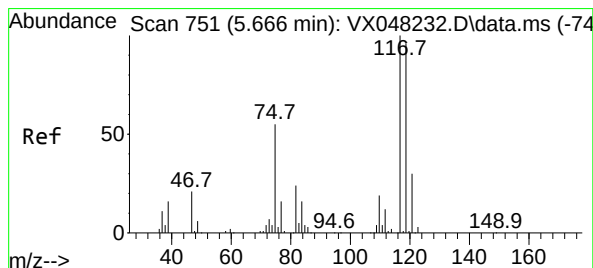
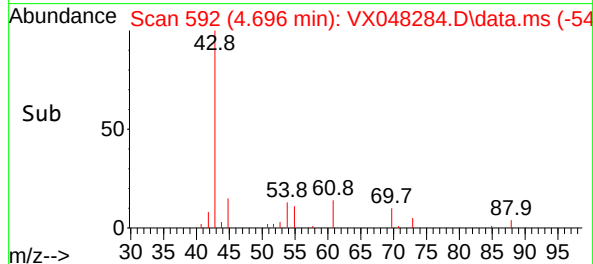
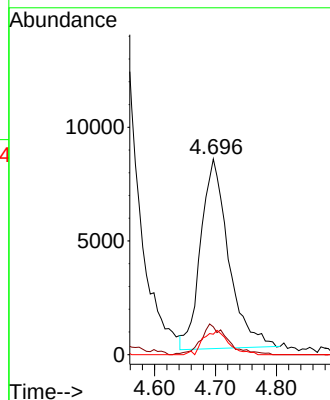
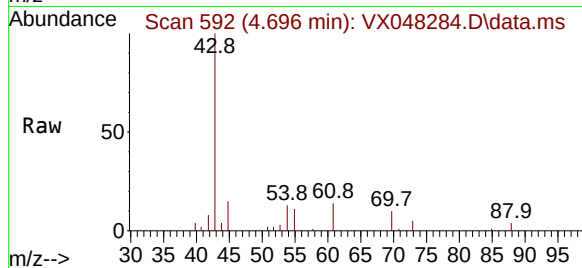
VX1022WBSD01

Tgt Ion:	43	Resp:	2652
Ion Ratio	Lower	Upper	
43	100		
61	15.4	10.6	15.8
70	11.7	7.8	11.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#38

Carbon Tetrachloride

Concen: 18.252 ug/l

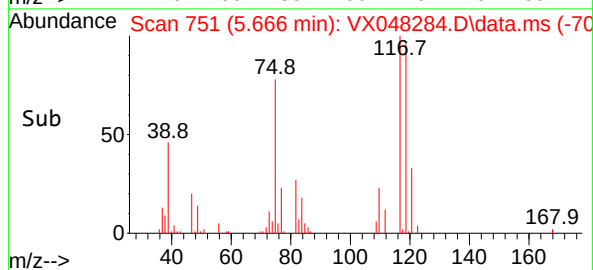
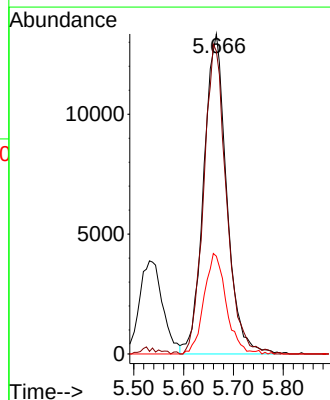
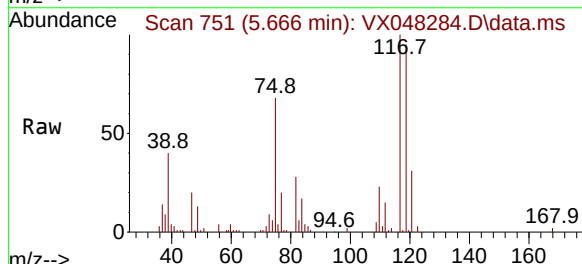
RT: 5.666 min Scan# 751

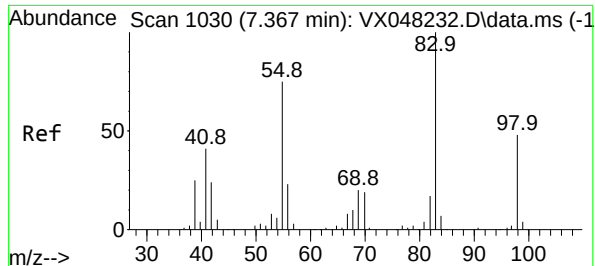
Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Tgt Ion:	117	Resp:	42819
Ion Ratio	Lower	Upper	
117	100		
119	94.7	77.2	115.8
121	30.5	24.8	37.2





#39

Methylcyclohexane

Concen: 17.817 ug/l

RT: 7.367 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD01

Tgt Ion: 83 Resp: 4001

Ion Ratio Lower Upper

83 100

55 73.6 66.2 99.2

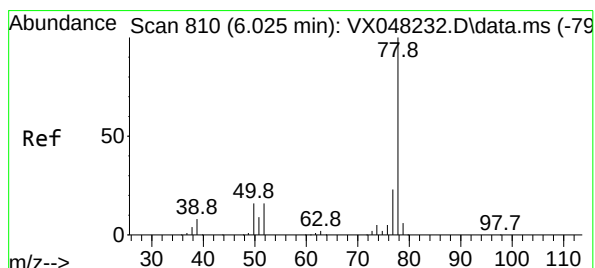
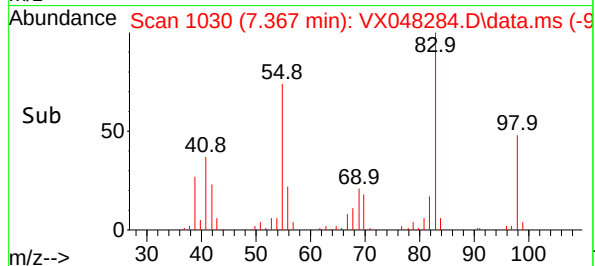
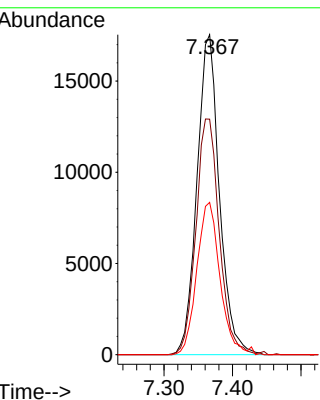
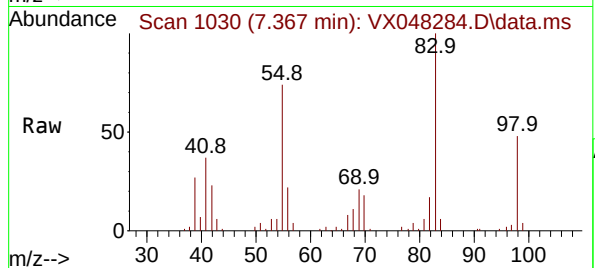
98 47.6 38.9 58.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#40

Benzene

Concen: 18.608 ug/l

RT: 6.019 min Scan# 809

Delta R.T. -0.006 min

Lab File: VX048284.D

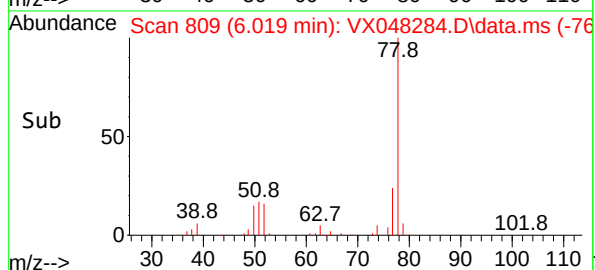
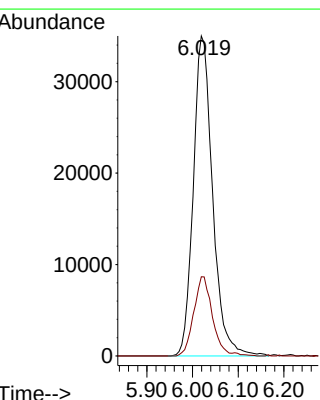
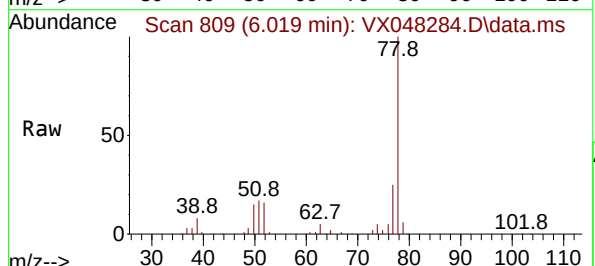
Acq: 22 Oct 2025 10:18

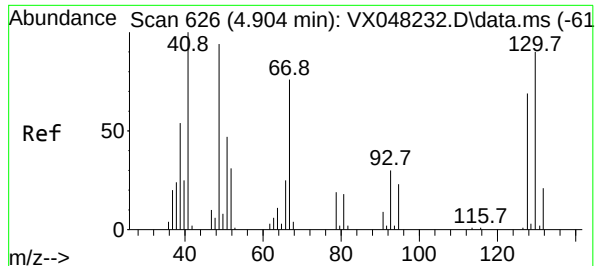
Tgt Ion: 78 Resp: 102728

Ion Ratio Lower Upper

78 100

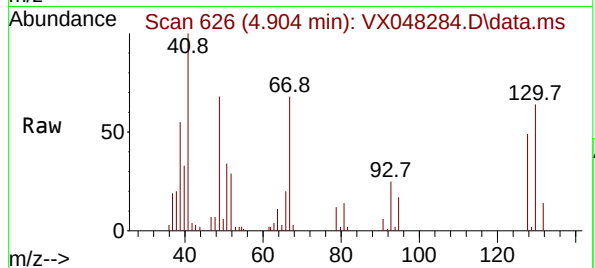
77 24.7 19.3 28.9





#41
Methacrylonitrile
Concen: 18.516 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

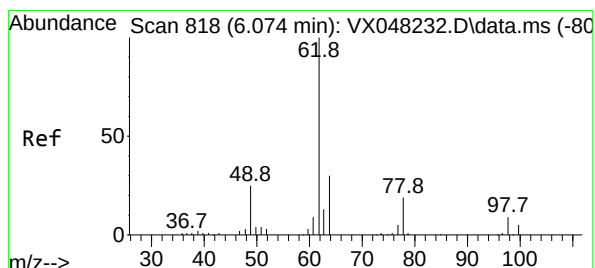
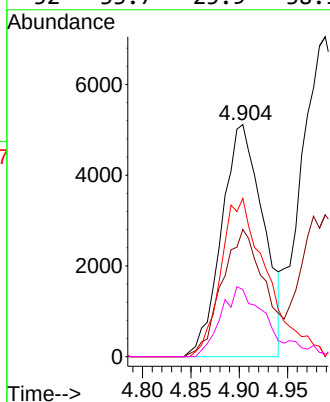
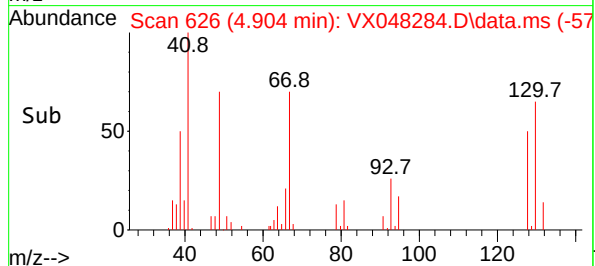
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01



Tgt Ion: 41 Resp: 15329
Ion Ratio Lower Upper
41 100
39 57.1 44.0 66.0
67 75.6 58.7 88.1
52 33.7 25.9 38.9

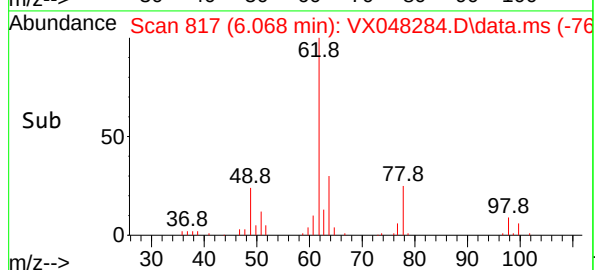
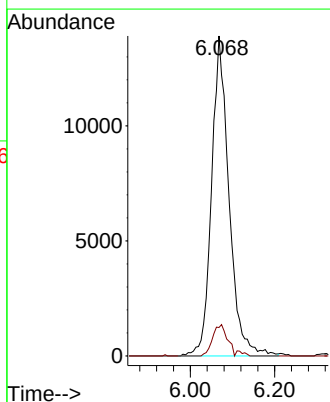
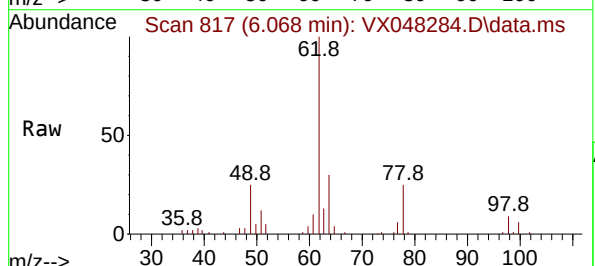
Manual Integrations
APPROVED

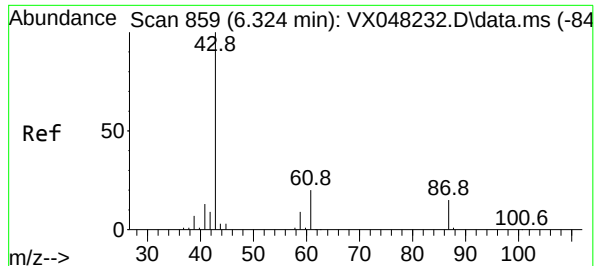
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#42
1,2-Dichloroethane
Concen: 19.615 ug/l
RT: 6.068 min Scan# 817
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 62 Resp: 39959
Ion Ratio Lower Upper
62 100
98 8.6 0.0 17.2





#43

Isopropyl Acetate

Concen: 18.537 ug/l

RT: 6.324 min Scan# 859

Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD01

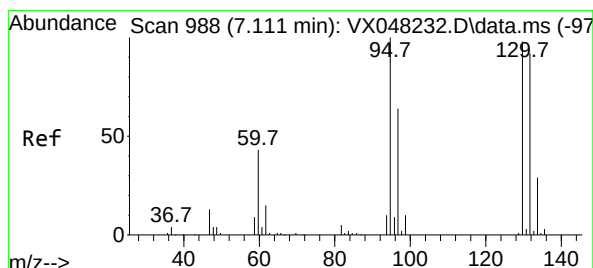
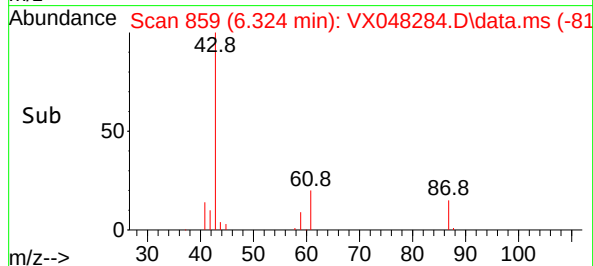
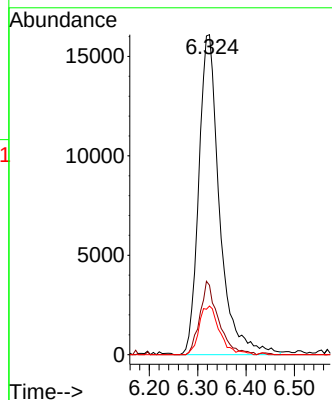
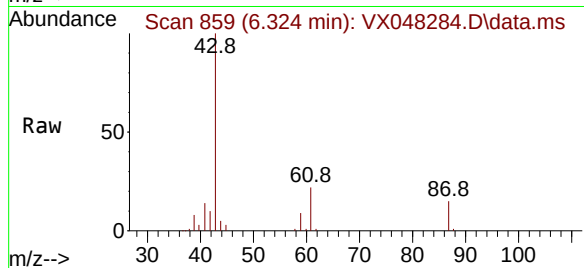
Tgt Ion:	43	Resp:	4799
Ion	Ratio	Lower	Upper
43	100		
61	20.5	14.9	22.3
87	15.0	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#44

Trichloroethene

Concen: 18.759 ug/l

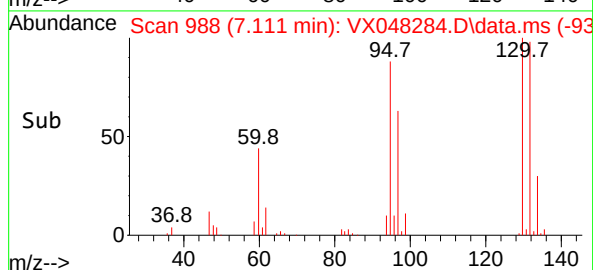
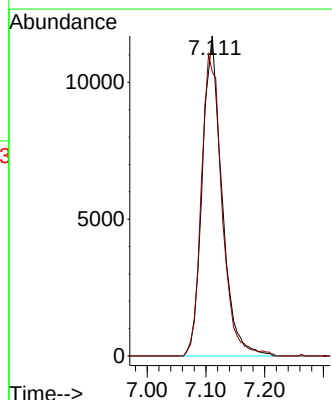
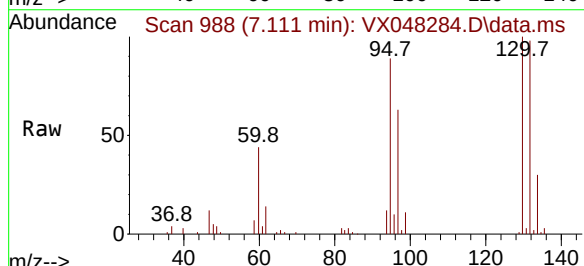
RT: 7.111 min Scan# 988

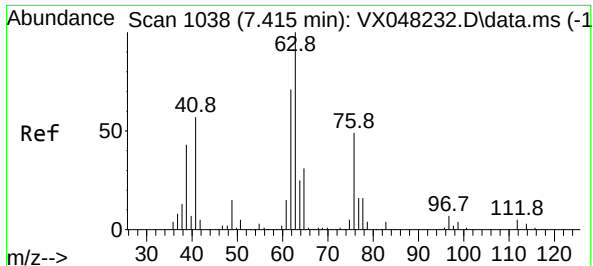
Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Tgt Ion:	130	Resp:	27345
Ion	Ratio	Lower	Upper
130	100		
95	88.9	0.0	200.6





#45

1,2-Dichloropropane

Concen: 19.317 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD01

Tgt Ion: 63 Resp: 2535

Ion Ratio Lower Upper

63 100

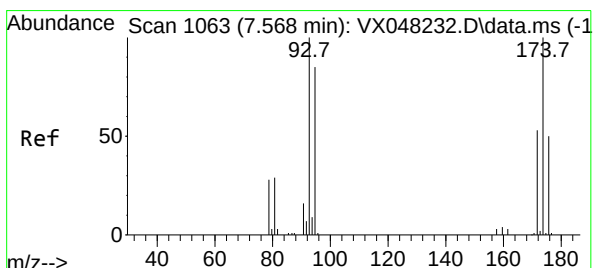
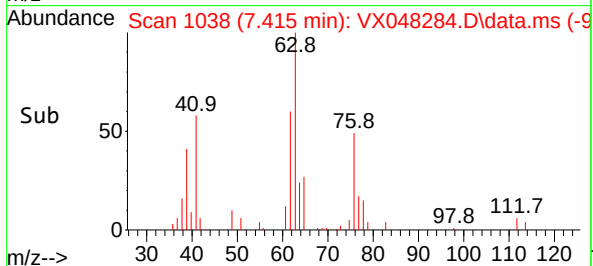
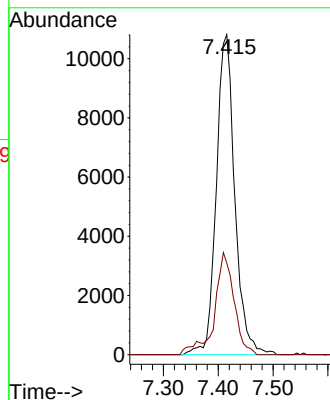
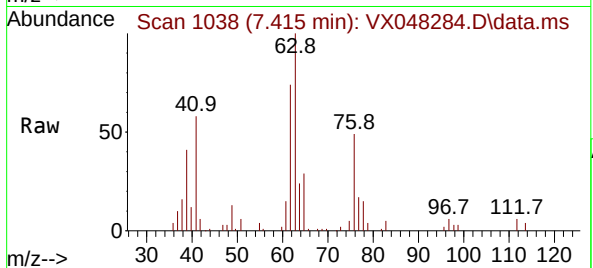
65 28.6 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#46

Dibromomethane

Concen: 19.710 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

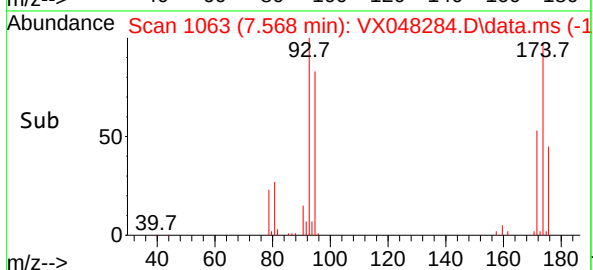
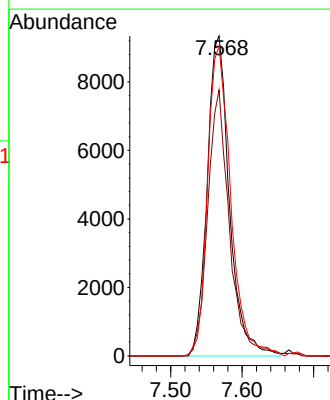
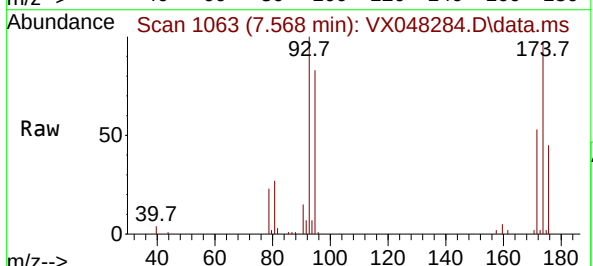
Tgt Ion: 93 Resp: 20155

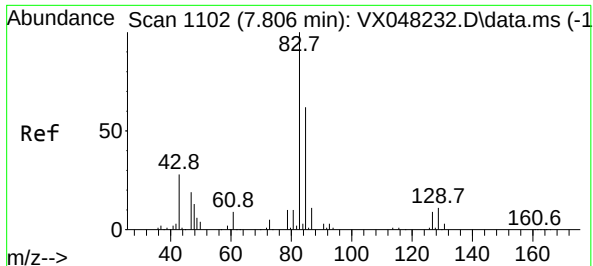
Ion Ratio Lower Upper

93 100

95 81.7 65.9 98.9

174 101.1 71.7 107.5





#47

Bromodichloromethane

Concen: 19.480 ug/l

RT: 7.806 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD01

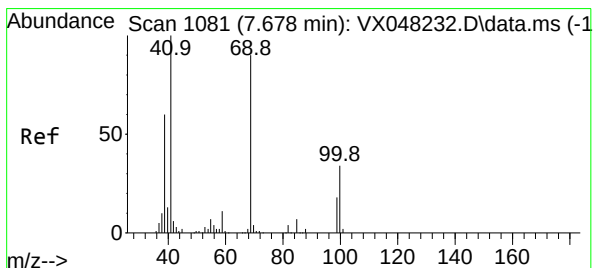
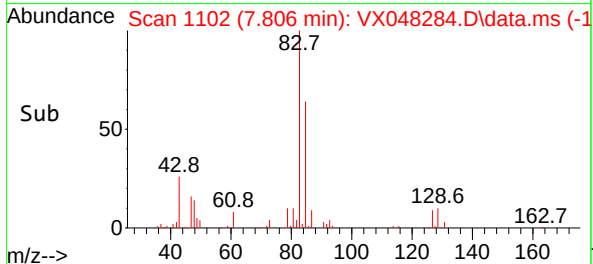
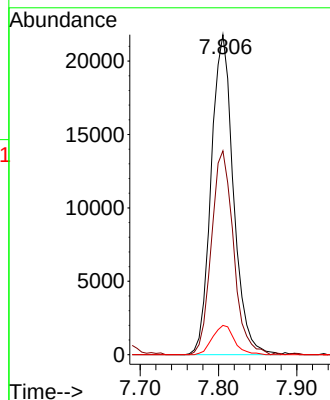
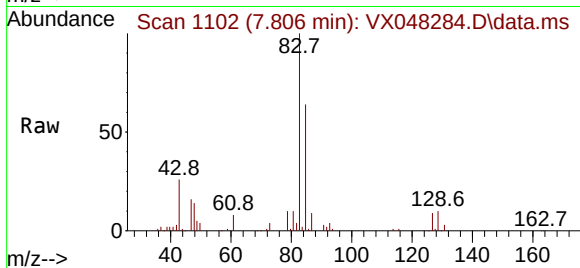
Tgt Ion:	83	Resp:	43009
Ion	Ratio	Lower	Upper
83	100		
85	62.4	52.2	78.4
127	9.0	7.3	10.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#48

Methyl methacrylate

Concen: 18.959 ug/l

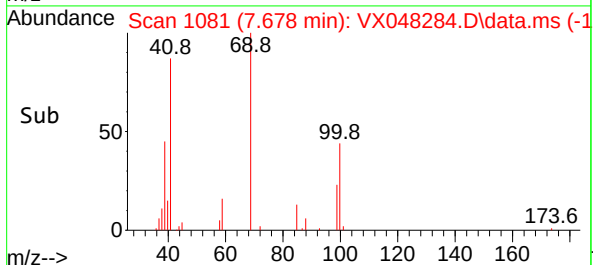
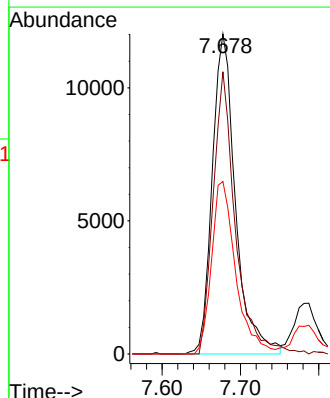
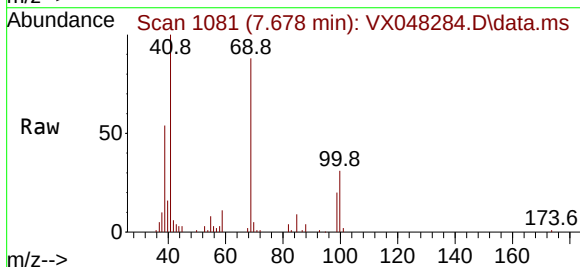
RT: 7.678 min Scan# 1081

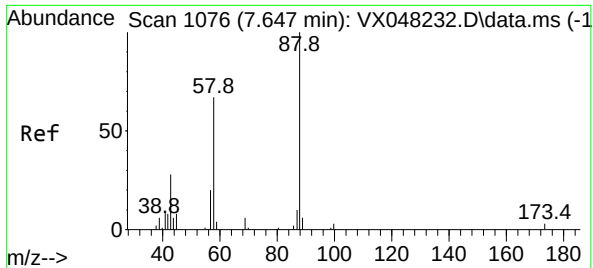
Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Tgt Ion:	41	Resp:	24768
Ion	Ratio	Lower	Upper
41	100		
69	84.3	63.4	95.0
39	56.1	47.1	70.7





#49

1,4-Dioxane

Concen: 397.302 ug/l

RT: 7.647 min Scan# 1076

Delta R.T. 0.006 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD01

Tgt Ion: 88 Resp: 685

Ion Ratio Lower Upper

88 100

43 37.5 35.0 52.4

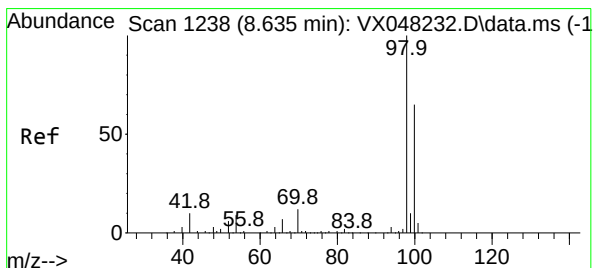
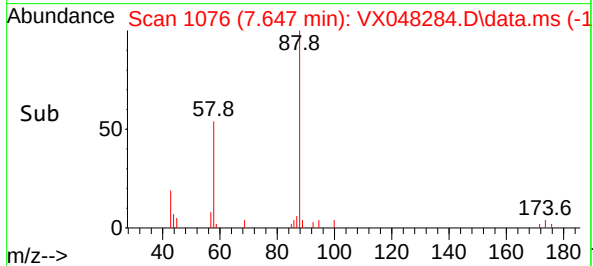
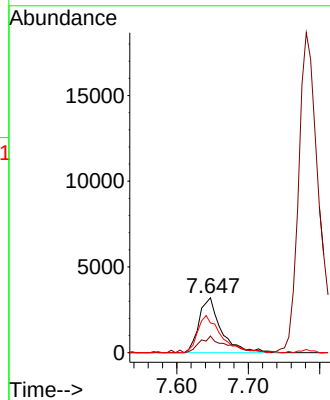
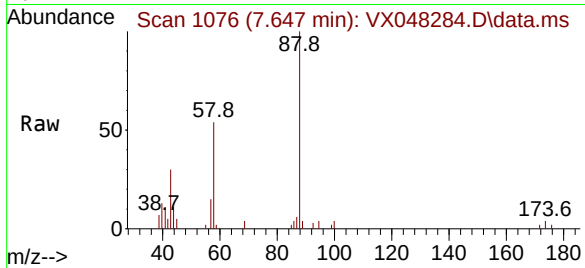
58 72.0 61.9 92.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#50

Toluene-d8

Concen: 49.207 ug/l

RT: 8.629 min Scan# 1237

Delta R.T. -0.006 min

Lab File: VX048284.D

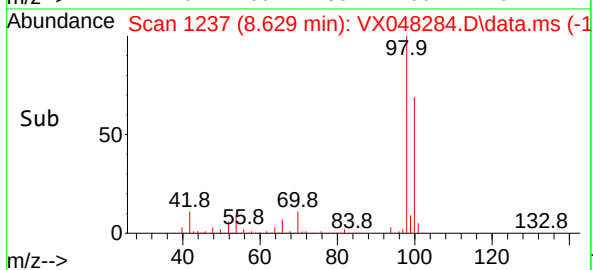
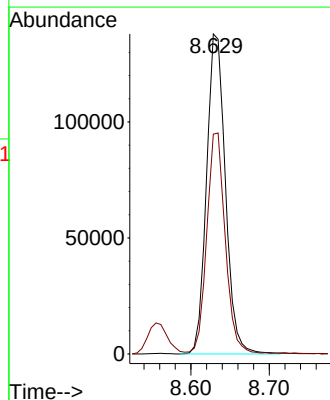
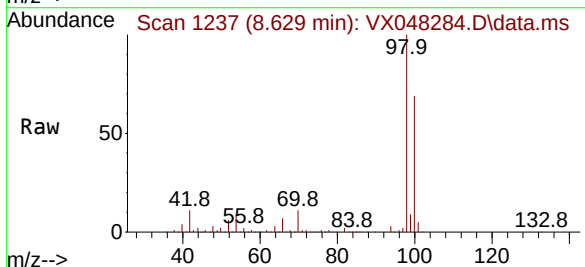
Acq: 22 Oct 2025 10:18

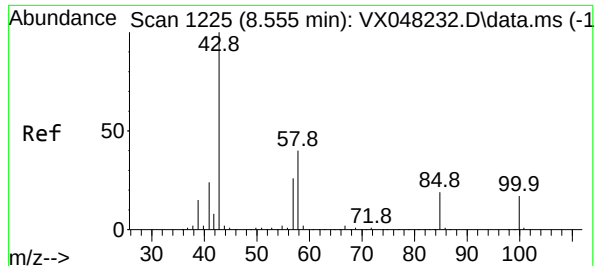
Tgt Ion: 98 Resp: 230741

Ion Ratio Lower Upper

98 100

100 67.8 53.0 79.4





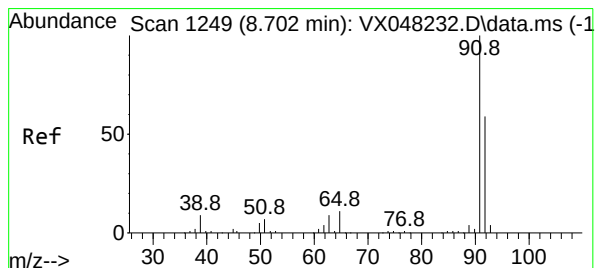
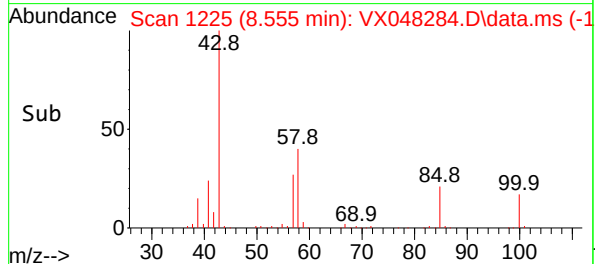
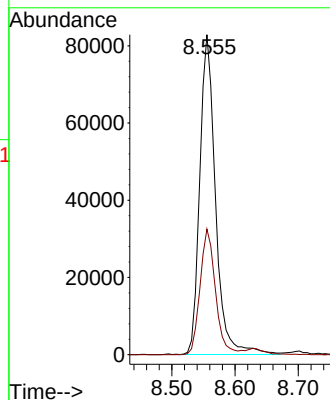
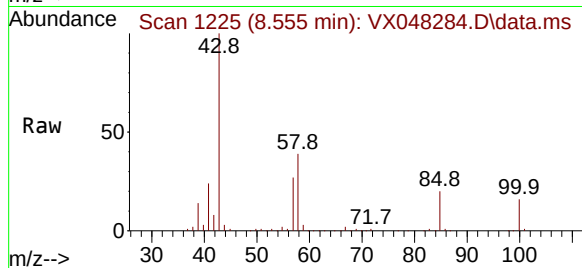
#51
4-Methyl-2-Pentanone
Concen: 96.190 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

Tgt Ion: 43 Resp: 143580
Ion Ratio Lower Upper
43 100
58 38.3 29.5 44.3

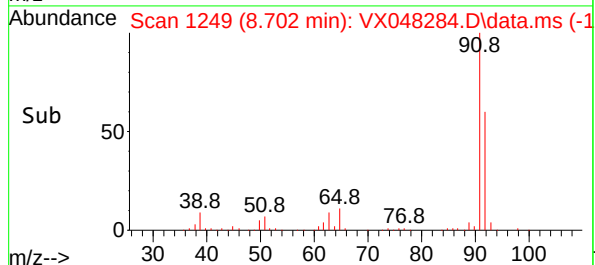
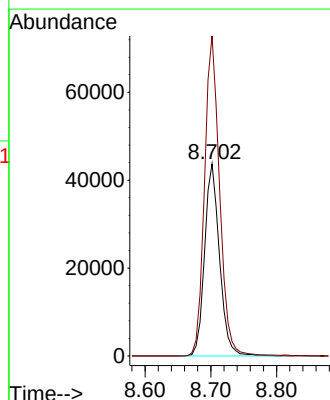
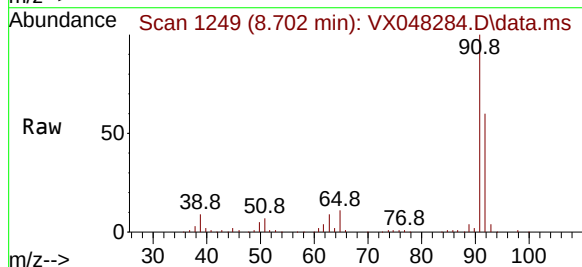
Manual Integrations
APPROVED

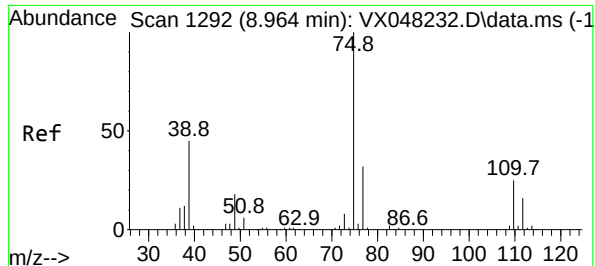
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#52
Toluene
Concen: 19.634 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 92 Resp: 68859
Ion Ratio Lower Upper
92 100
91 168.7 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 19.787 ug/l

RT: 8.964 min Scan# 1191

Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD01

Tgt Ion: 75 Resp: 42100

Ion Ratio Lower Upper

75 100

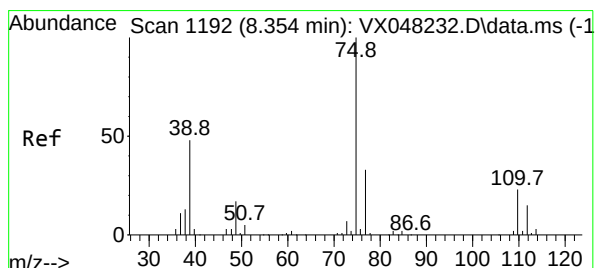
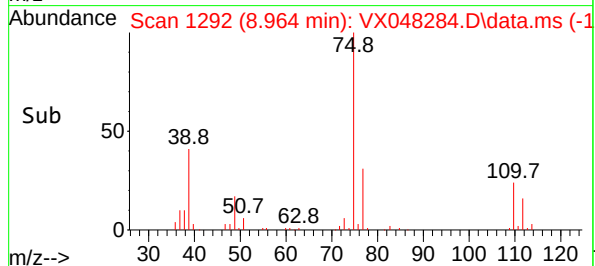
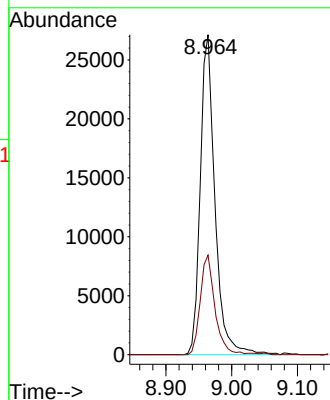
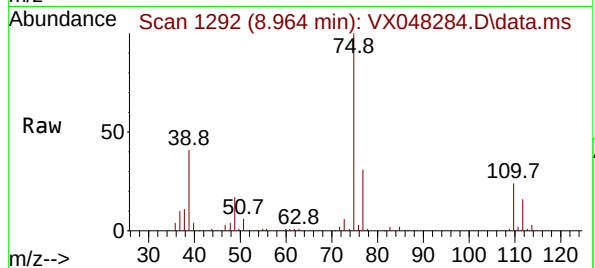
77 31.1 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#54

cis-1,3-Dichloropropene

Concen: 19.150 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

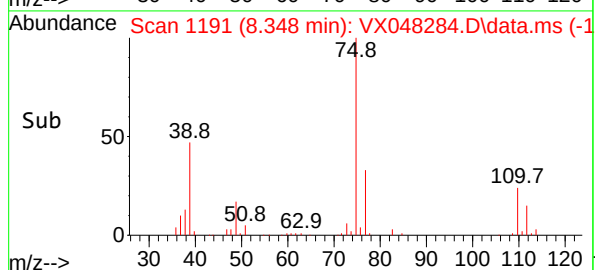
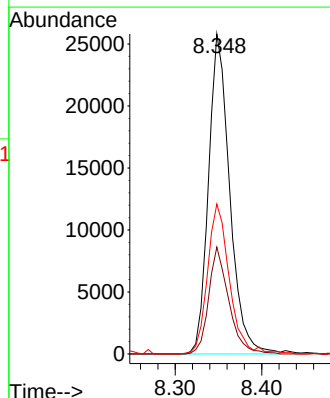
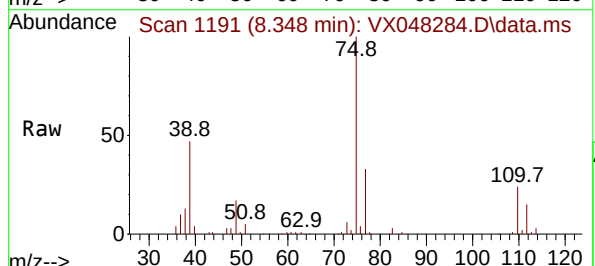
Tgt Ion: 75 Resp: 43961

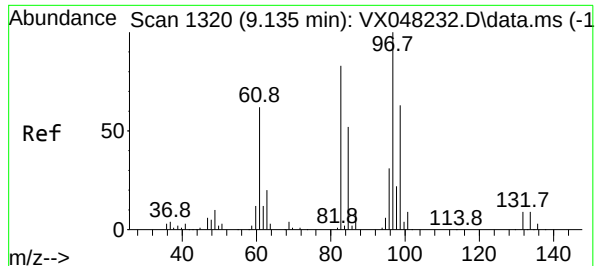
Ion Ratio Lower Upper

75 100

77 33.4 24.9 37.3

39 45.1 42.6 64.0





#55

1,1,2-Trichloroethane

Concen: 20.033 ug/l

RT: 9.135 min Scan# 1320

Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD01

Tgt Ion: 97 Resp: 26128

Ion Ratio Lower Upper

97 100

83 81.8 70.6 105.8

85 56.0 45.0 67.6

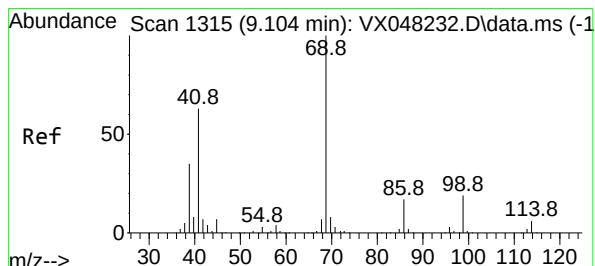
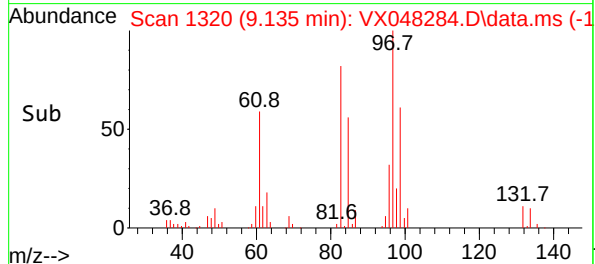
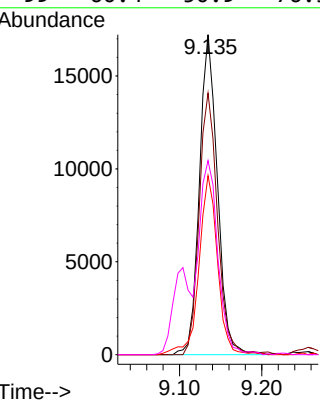
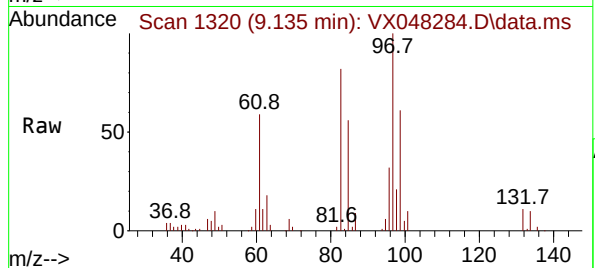
99 60.4 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#56

Ethyl methacrylate

Concen: 19.415 ug/l

RT: 9.098 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

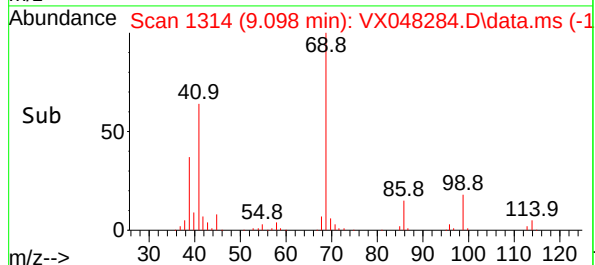
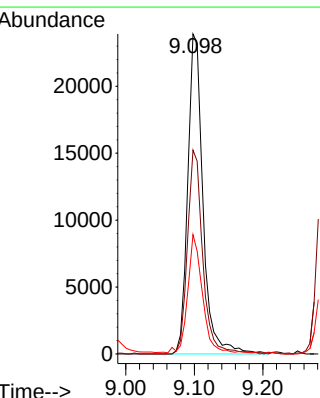
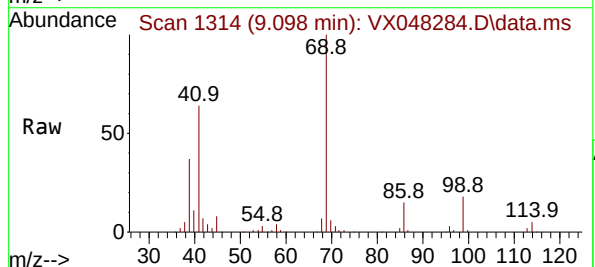
Tgt Ion: 69 Resp: 37038

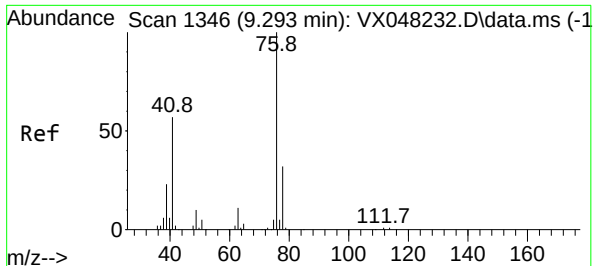
Ion Ratio Lower Upper

69 100

41 64.0 56.0 84.0

39 37.2 31.6 47.4





#57

1,3-Dichloropropane

Concen: 19.965 ug/l

RT: 9.293 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD01

Tgt Ion: 76 Resp: 44479

Ion Ratio Lower Upper

76 100

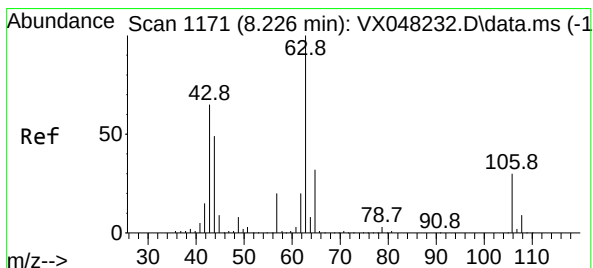
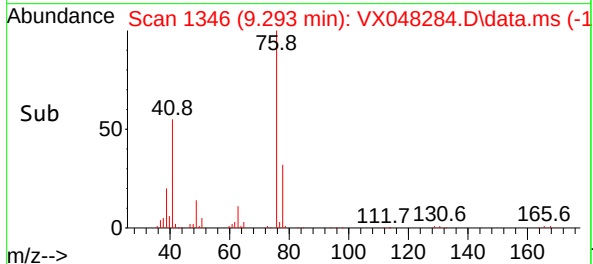
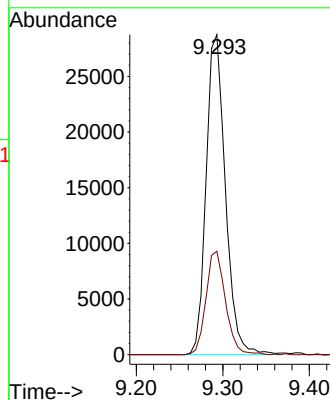
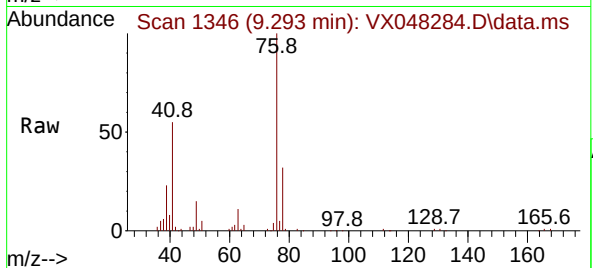
78 32.7 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#58

2-Chloroethyl Vinyl ether

Concen: 86.903 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX048284.D

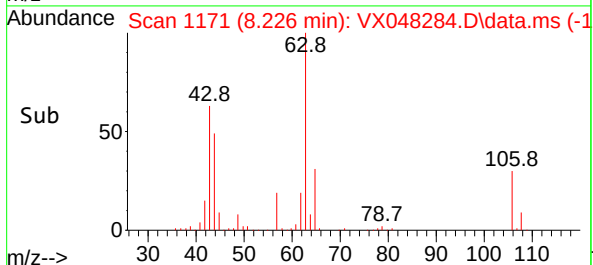
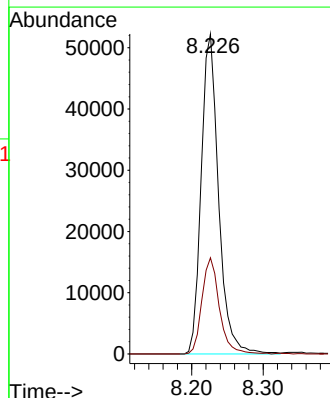
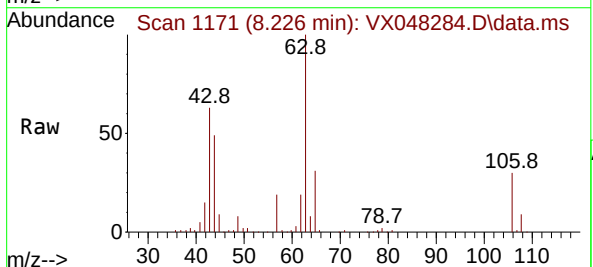
Acq: 22 Oct 2025 10:18

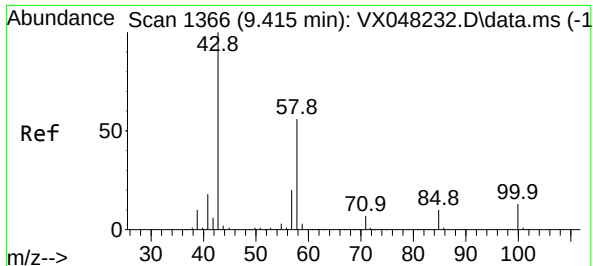
Tgt Ion: 63 Resp: 87997

Ion Ratio Lower Upper

63 100

106 30.2 22.2 33.2





#59

2-Hexanone

Concen: 96.700 ug/l

RT: 9.415 min Scan# 1366

Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD01

Tgt Ion: 43 Resp: 10064

Ion Ratio Lower Upper

43 100

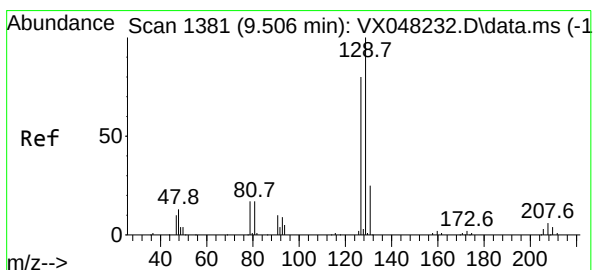
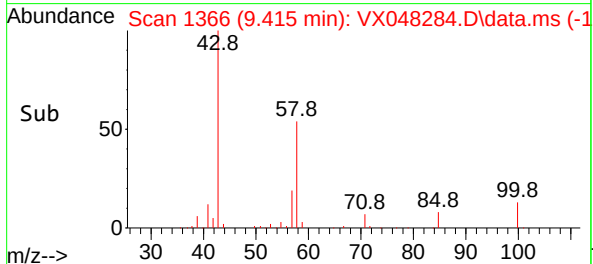
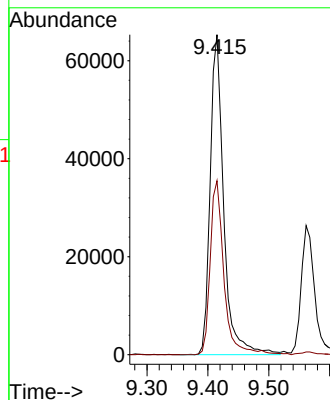
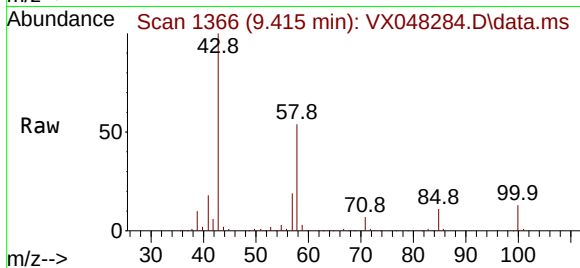
58 55.4 26.3 78.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#60

Dibromochloromethane

Concen: 19.161 ug/l

RT: 9.500 min Scan# 1380

Delta R.T. -0.006 min

Lab File: VX048284.D

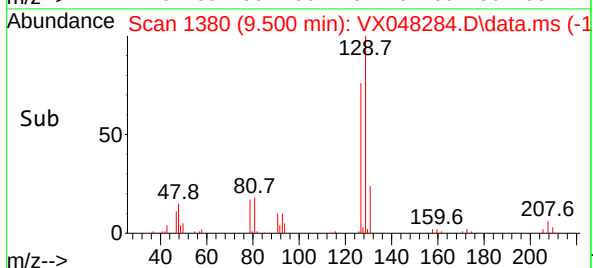
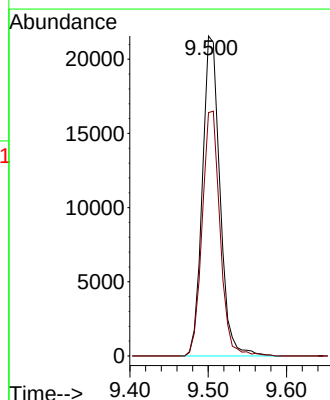
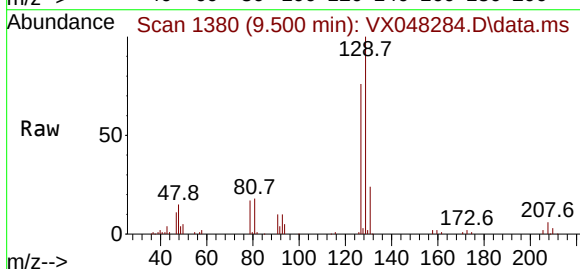
Acq: 22 Oct 2025 10:18

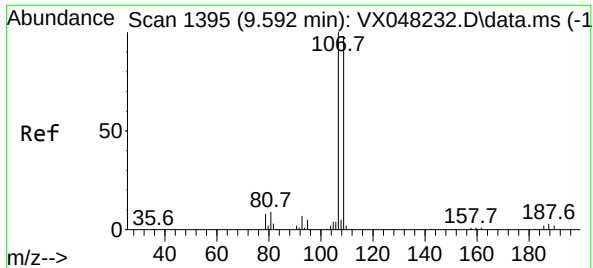
Tgt Ion:129 Resp: 33589

Ion Ratio Lower Upper

129 100

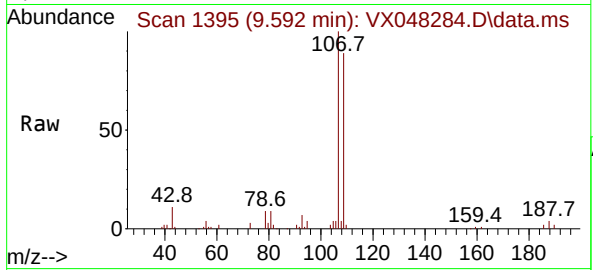
127 77.5 38.6 115.7





#61
1,2-Dibromoethane
Concen: 20.496 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

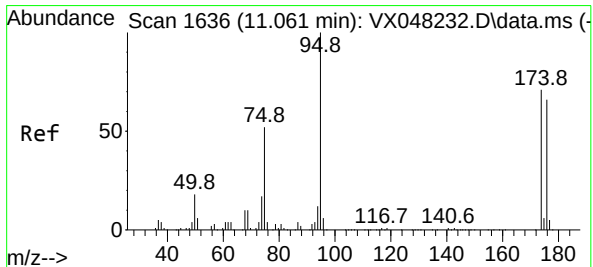
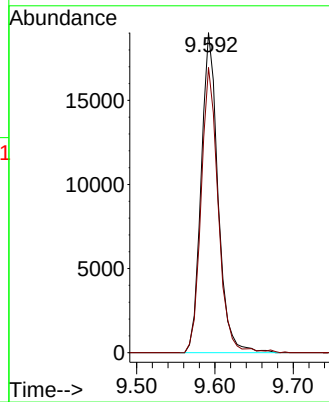
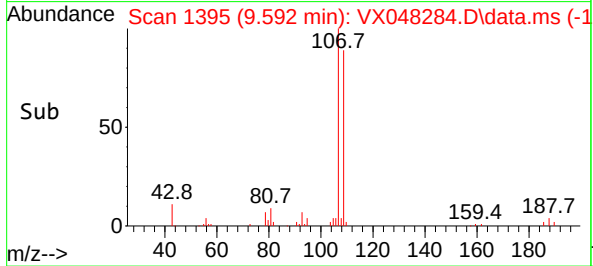
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01



Tgt Ion:107 Resp: 28498
Ion Ratio Lower Upper
107 100
109 89.8 77.0 115.4

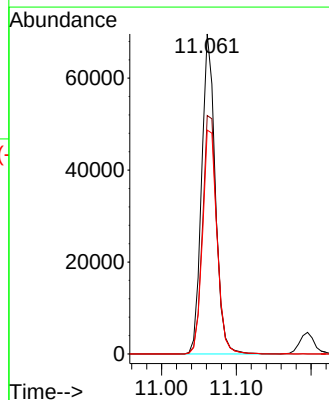
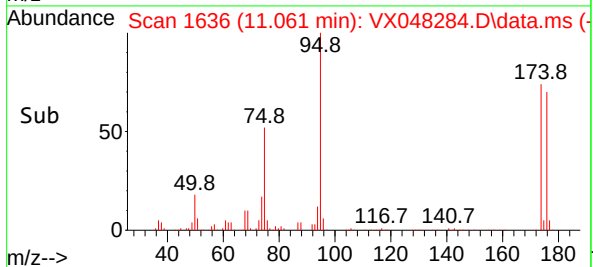
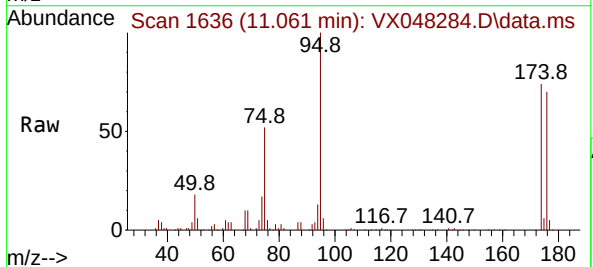
Manual Integrations
APPROVED

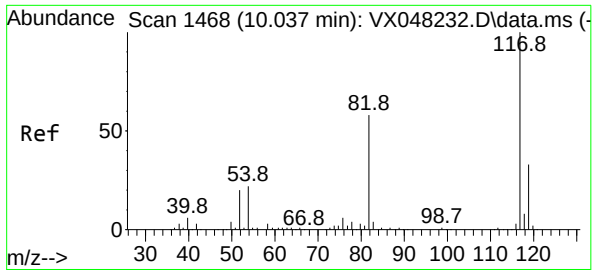
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#62
4-Bromofluorobenzene
Concen: 49.387 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

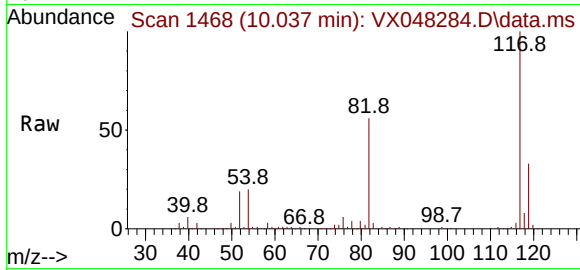
Tgt Ion: 95 Resp: 88101
Ion Ratio Lower Upper
95 100
174 78.5 0.0 147.8
176 74.2 0.0 142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

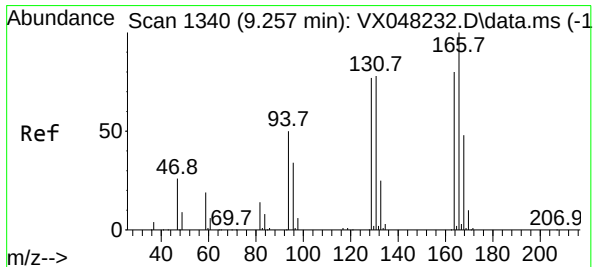
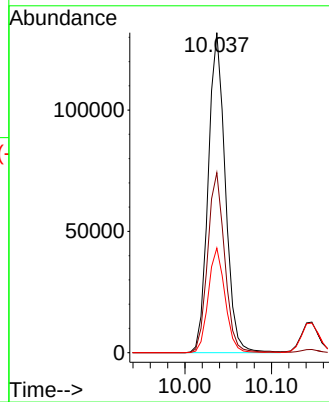
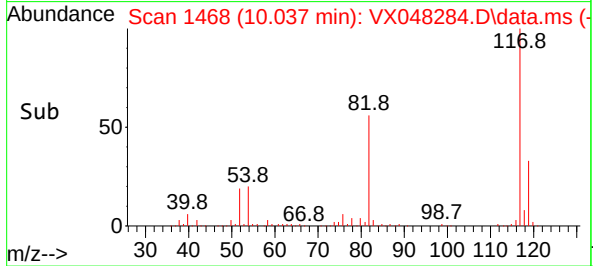
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01



Tgt Ion:117 Resp: 180624
Ion Ratio Lower Upper
117 100
82 56.3 46.5 69.7
119 32.7 25.9 38.9

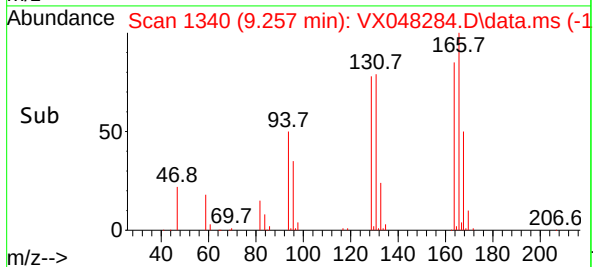
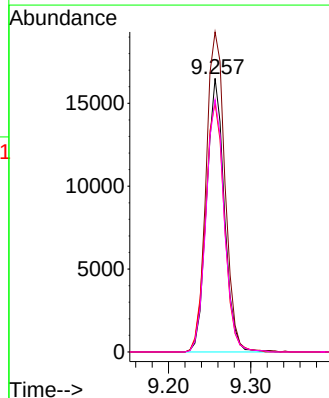
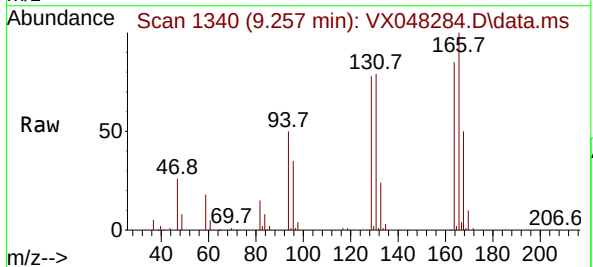
Manual Integrations
APPROVED

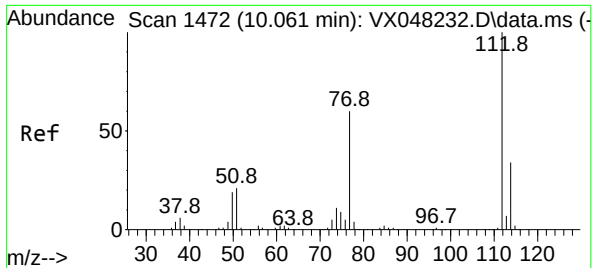
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#64
Tetrachloroethene
Concen: 18.287 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:164 Resp: 24658
Ion Ratio Lower Upper
164 100
166 117.0 104.5 156.7
129 91.0 81.8 122.6
131 92.2 77.0 115.6





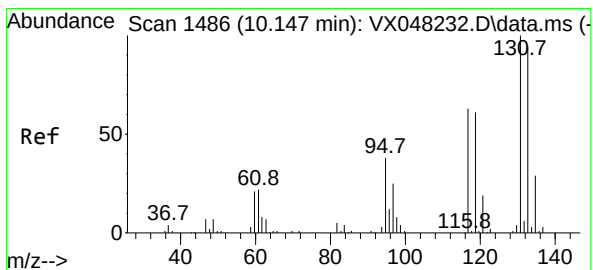
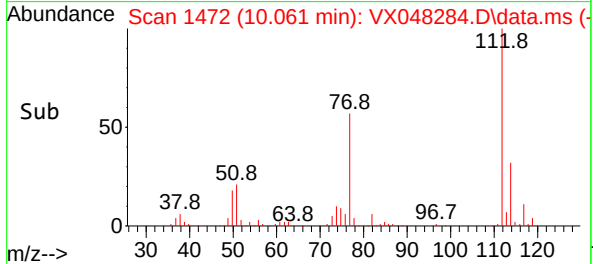
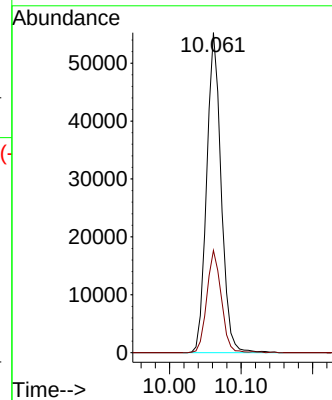
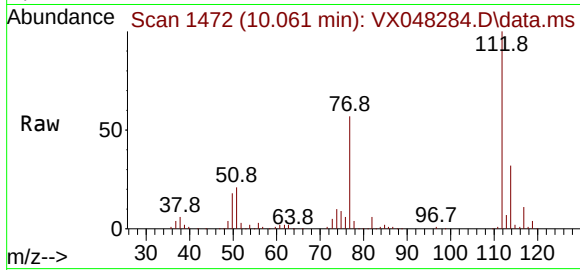
#65
Chlorobenzene
Concen: 19.140 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

Tgt Ion:112 Resp: 77769
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.2

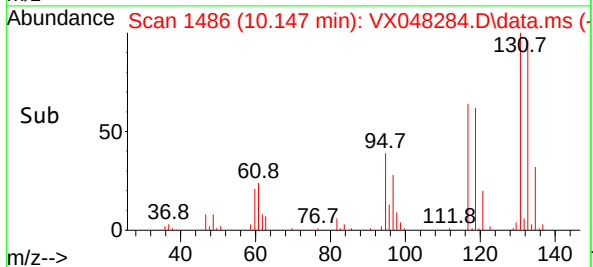
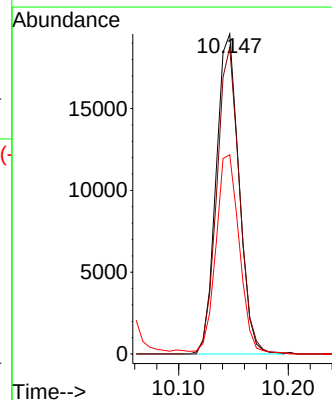
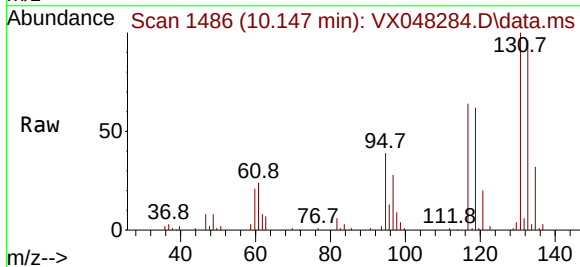
Manual Integrations
APPROVED

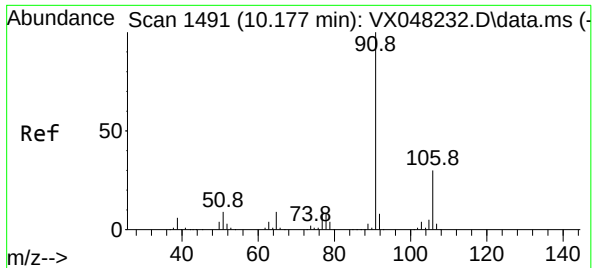
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 18.982 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

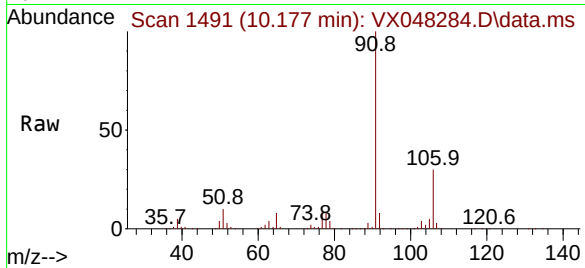
Tgt Ion:131 Resp: 28328
Ion Ratio Lower Upper
131 100
133 94.8 47.6 142.8
119 64.1 32.5 97.5





#67
Ethyl Benzene
Concen: 18.749 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

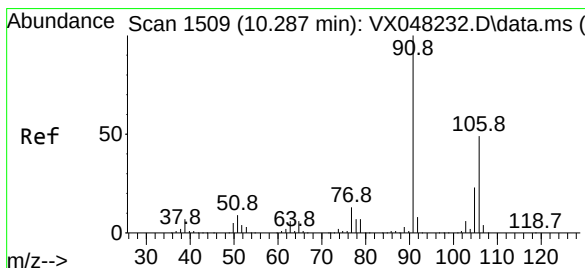
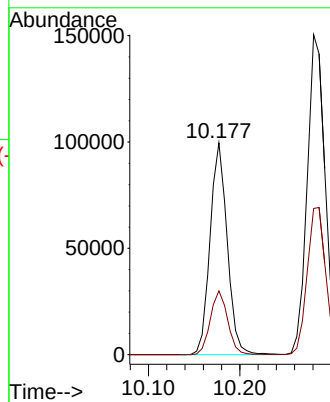
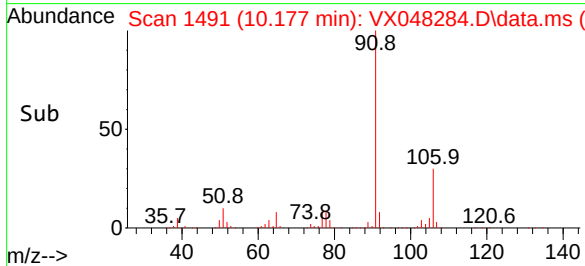
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01



Tgt Ion: 91 Resp: 12970
Ion Ratio Lower Upper
91 100
106 30.2 23.8 35.6

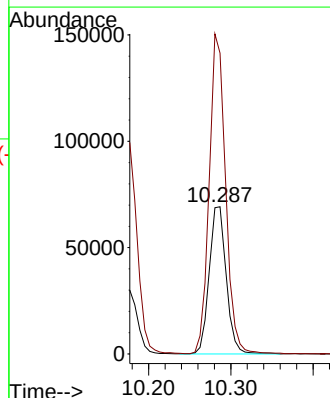
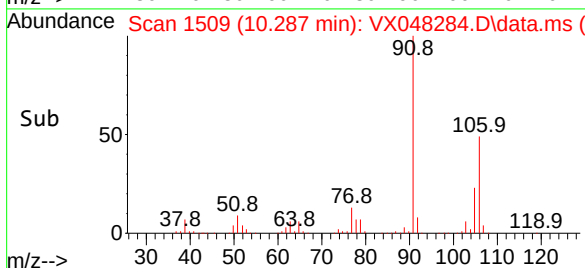
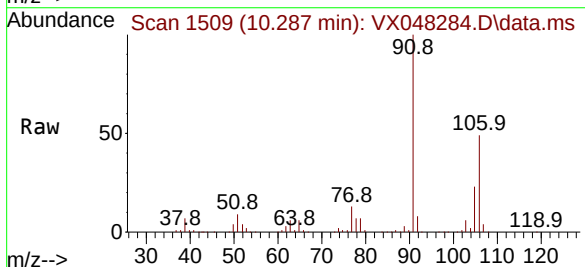
Manual Integrations
APPROVED

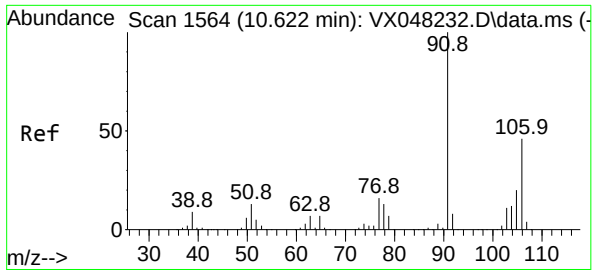
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#68
m/p-Xylenes
Concen: 38.899 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:106 Resp: 99982
Ion Ratio Lower Upper
106 100
91 208.7 167.9 251.9





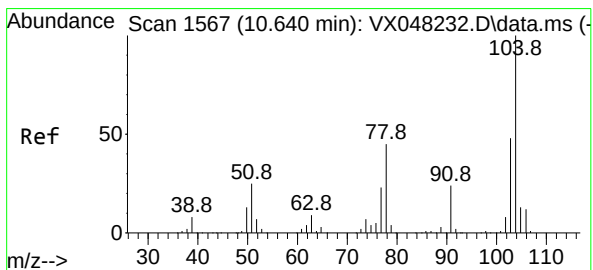
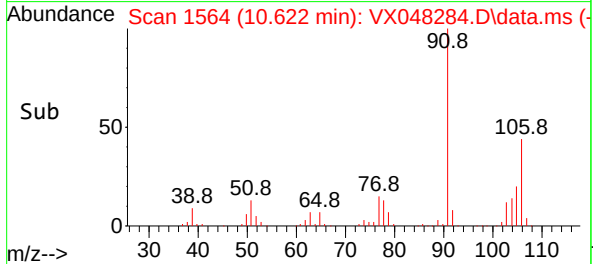
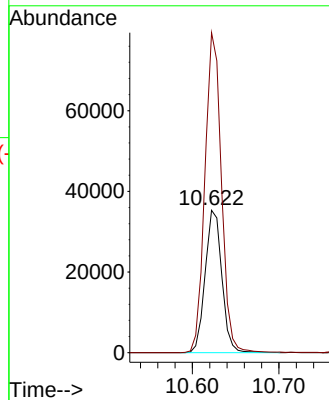
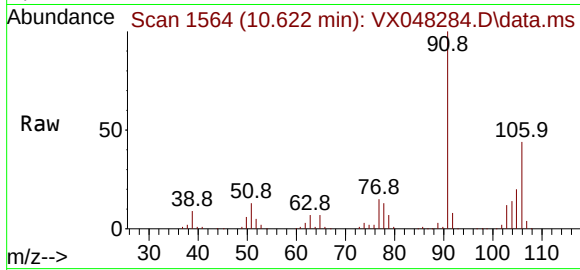
#69
o-Xylene
Concen: 19.068 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

Tgt Ion:106 Resp: 47318
Ion Ratio Lower Upper
106 100
91 222.3 111.3 333.9

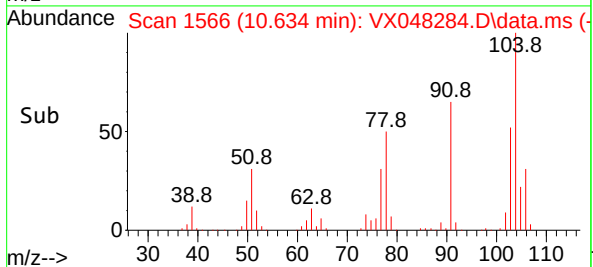
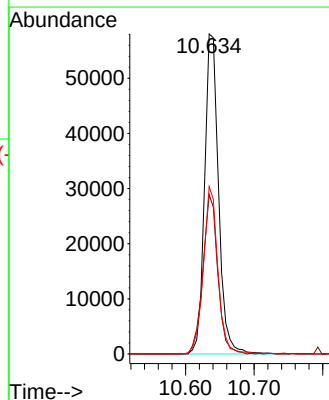
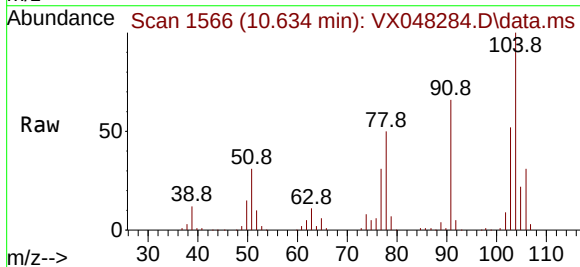
Manual Integrations
APPROVED

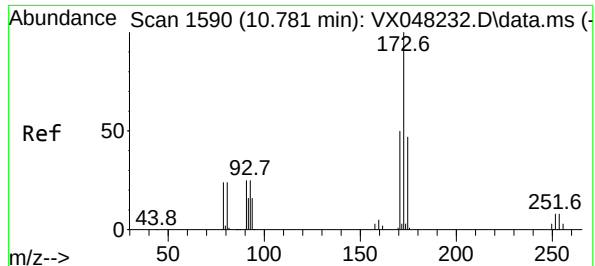
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#70
Styrene
Concen: 19.558 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:104 Resp: 82638
Ion Ratio Lower Upper
104 100
78 52.7 42.2 63.4
103 54.3 43.0 64.4





#71

Bromoform

Concen: 18.905 ug/l

RT: 10.781 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD01

Tgt Ion:173 Resp: 22550

Ion Ratio Lower Upper

173 100

175 48.8 24.0 72.0

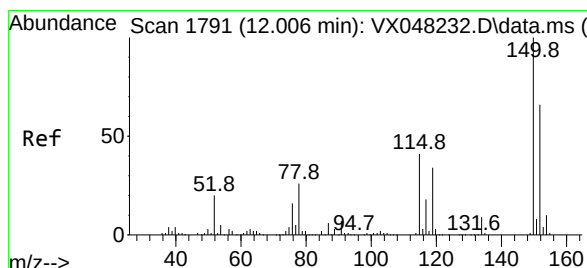
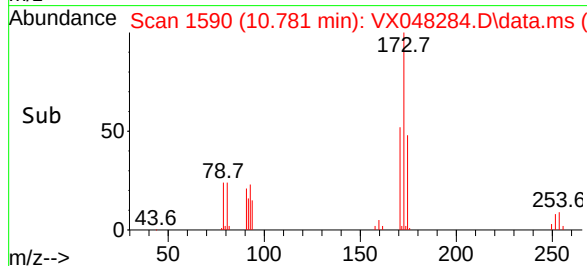
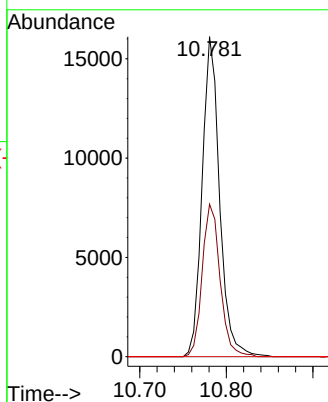
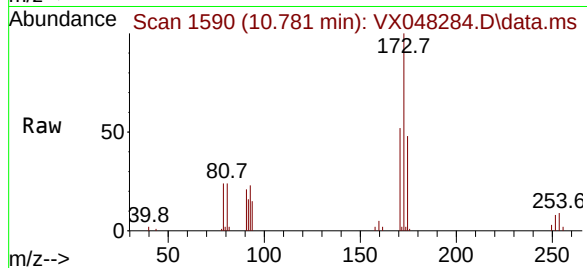
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

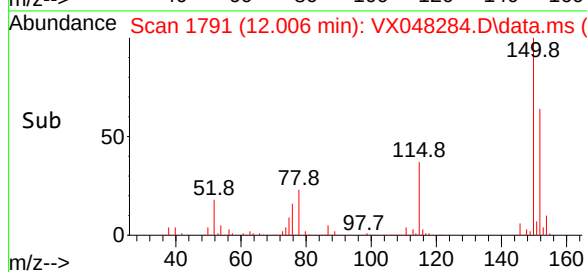
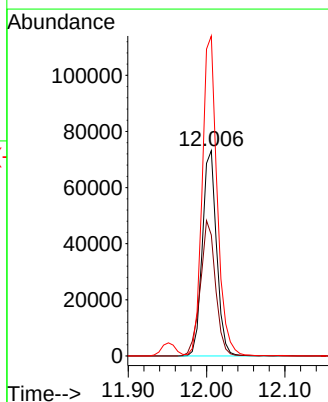
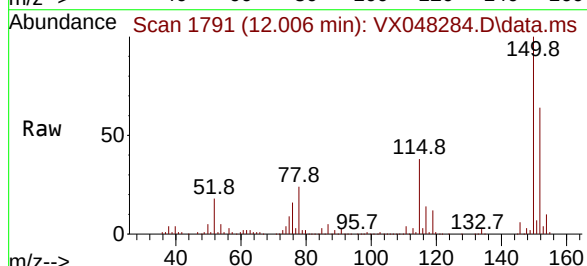
Tgt Ion:152 Resp: 92297

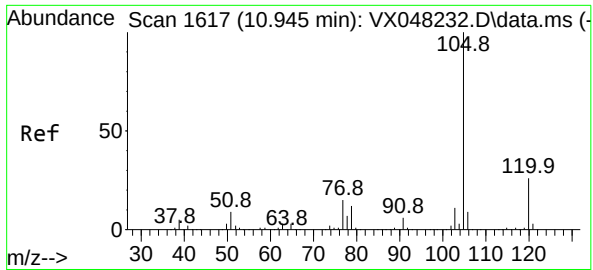
Ion Ratio Lower Upper

152 100

115 70.1 43.1 129.4

150 162.8 0.0 353.0





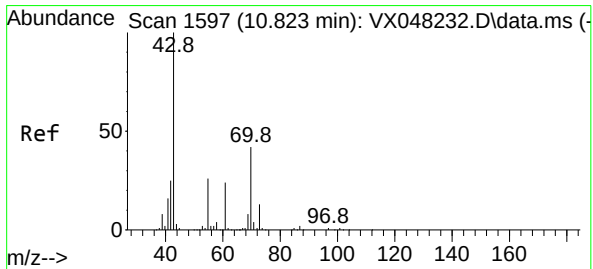
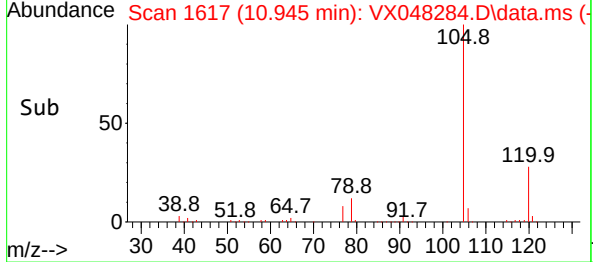
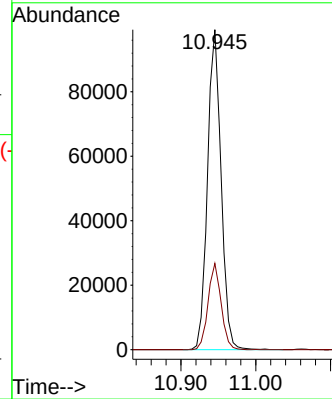
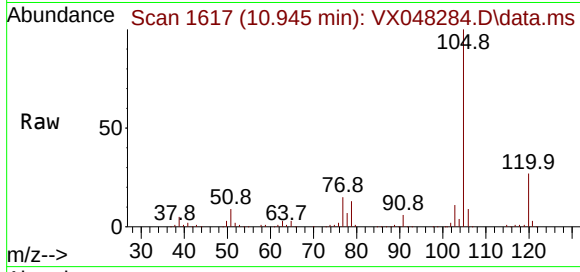
#73
Isopropylbenzene
Concen: 18.532 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

Tgt Ion:105 Resp: 124929
Ion Ratio Lower Upper
105 100
120 25.9 13.0 38.9

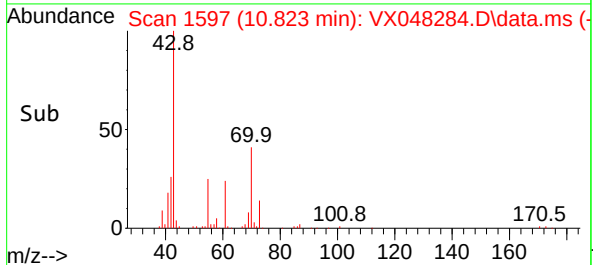
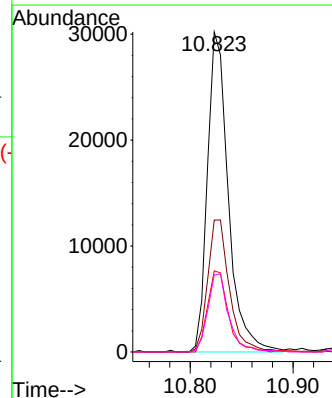
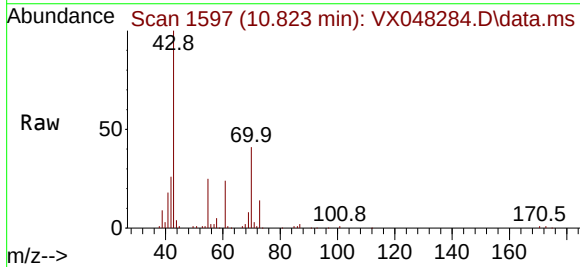
Manual Integrations
APPROVED

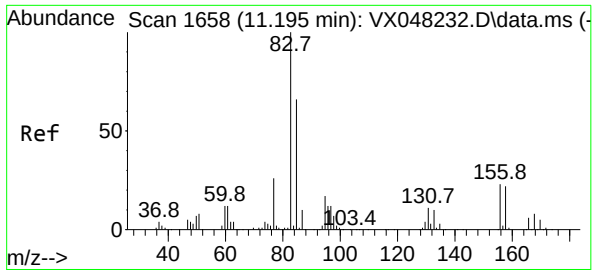
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#74
N-ethyl acetate
Concen: 17.899 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 43 Resp: 42802
Ion Ratio Lower Upper
43 100
70 43.3 32.2 48.2
55 25.2 19.1 28.7
61 24.4 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.887 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD01

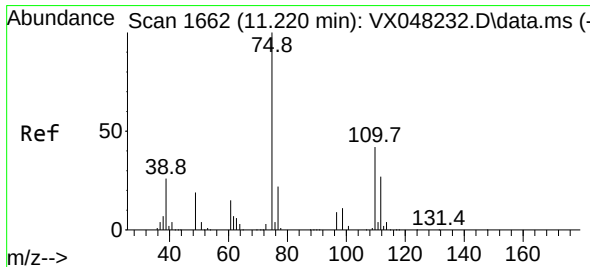
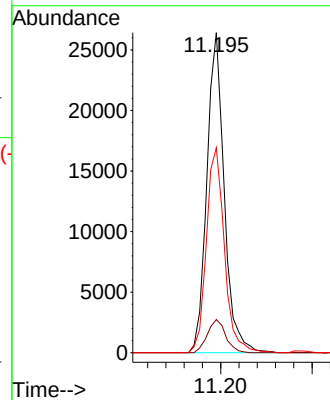
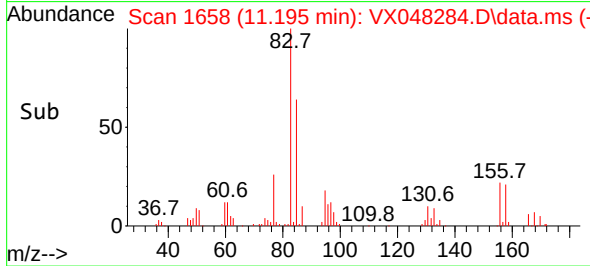
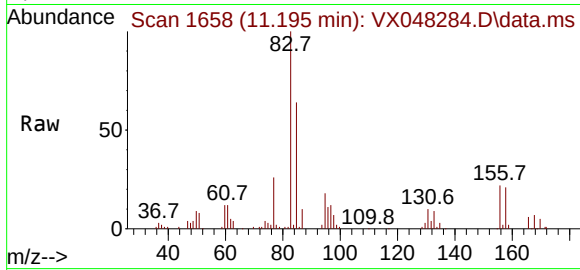
Tgt Ion:	83	Resp:	3477
Ion	Ratio	Lower	Upper
83	100		
131	10.8	4.8	14.4
85	66.4	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#76

1,2,3-Trichloropropane

Concen: 21.197 ug/l m

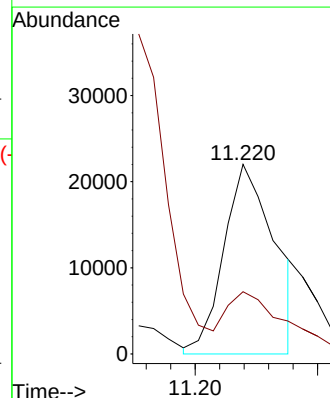
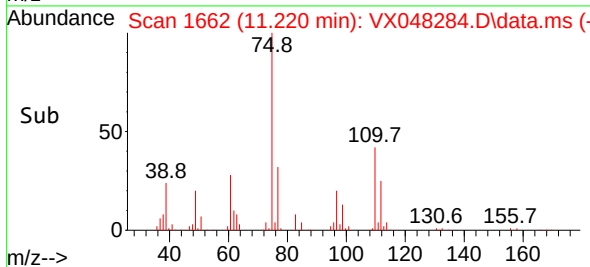
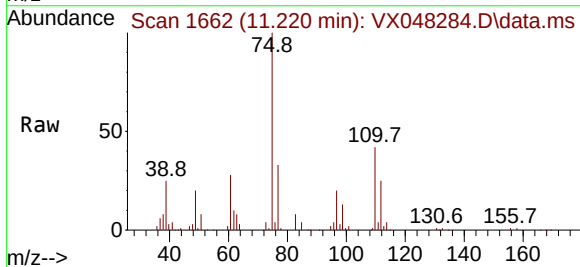
RT: 11.220 min Scan# 1662

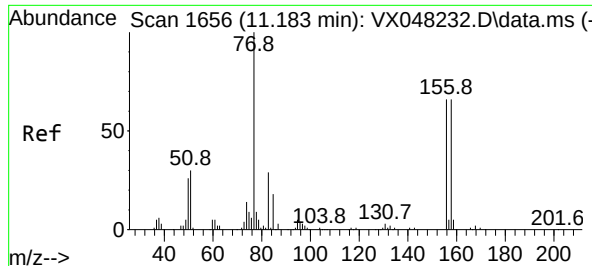
Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Tgt Ion:	75	Resp:	31727
Ion	Ratio	Lower	Upper
75	100		
77	38.8	22.4	67.2





#77

Bromobenzene

Concen: 18.917 ug/l

RT: 11.177 min Scan# 1655

Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD01

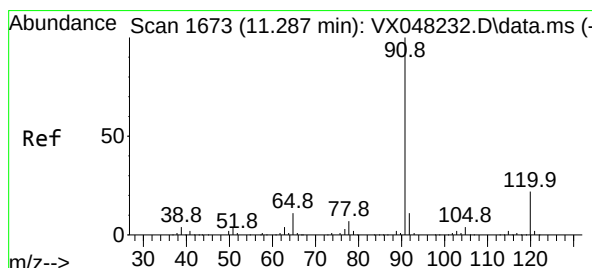
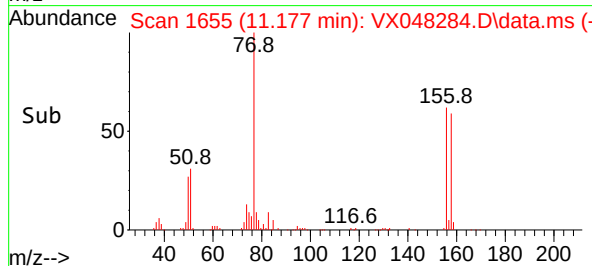
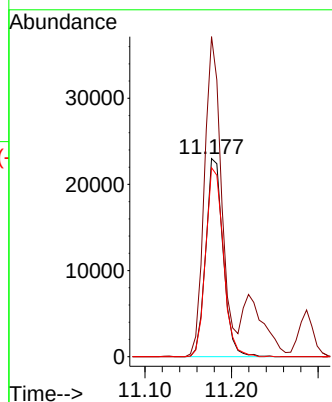
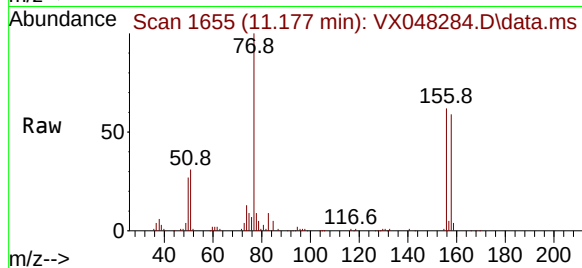
Tgt Ion:	156	Resp:	3197
Ion Ratio	100	Lower	Upper
156	100		
77	159.4	87.0	261.0
158	97.5	47.8	143.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#78

n-propylbenzene

Concen: 18.800 ug/l

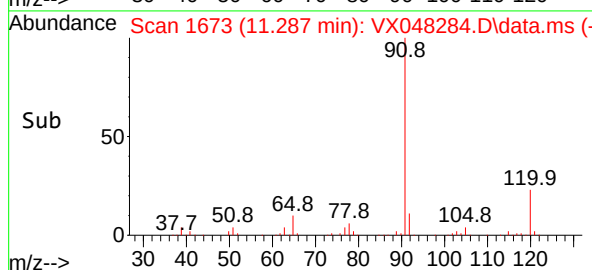
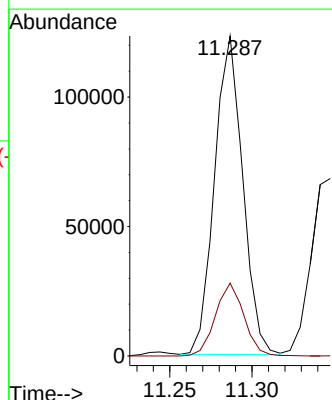
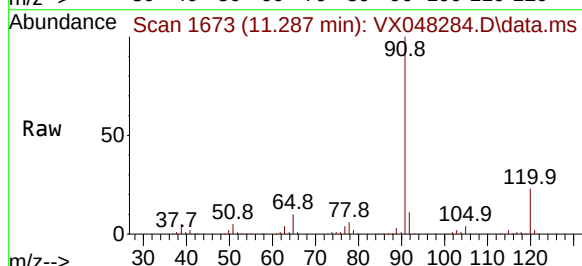
RT: 11.287 min Scan# 1673

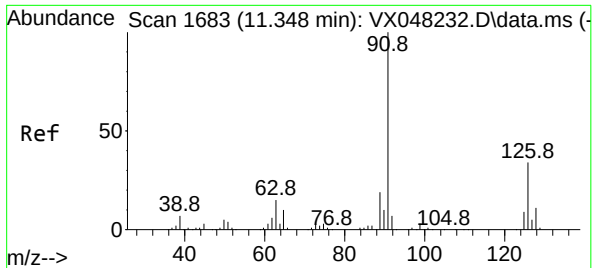
Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Tgt Ion:	91	Resp:	146740
Ion Ratio	100	Lower	Upper
91	100		
120	23.1	11.1	33.1





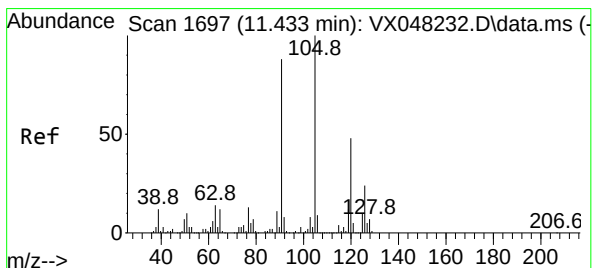
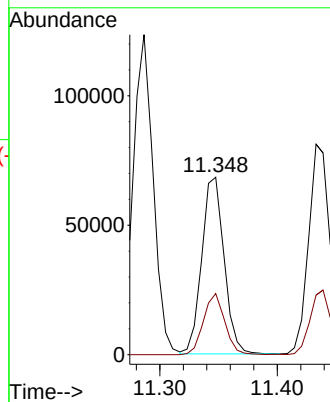
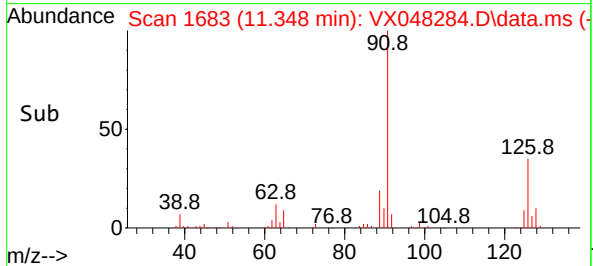
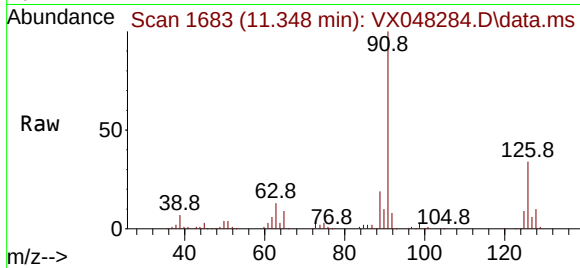
#79
2-Chlorotoluene
Concen: 19.047 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

Tgt Ion: 91 Resp: 90130
Ion Ratio Lower Upper
91 100
126 33.1 16.4 49.4

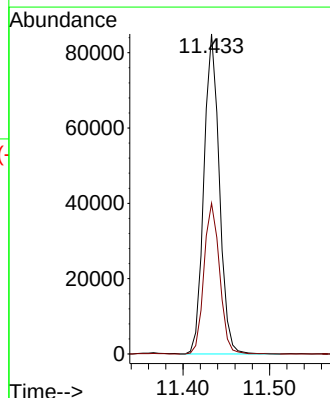
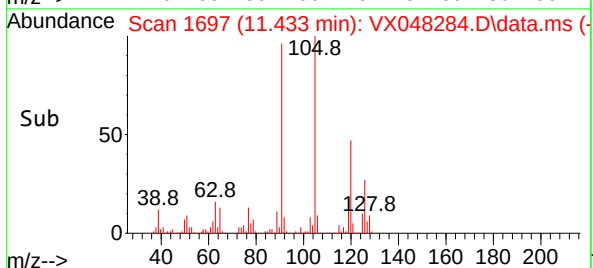
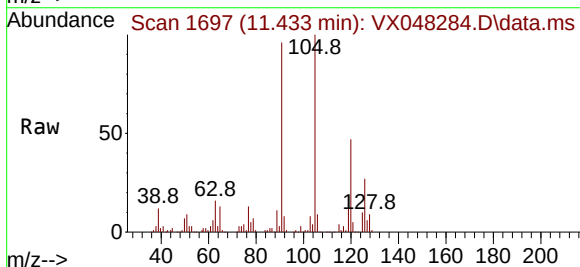
Manual Integrations
APPROVED

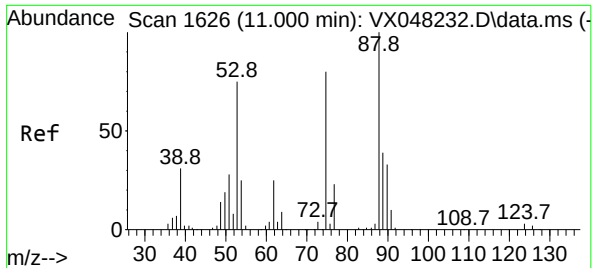
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#80
1,3,5-Trimethylbenzene
Concen: 18.861 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:105 Resp: 105222
Ion Ratio Lower Upper
105 100
120 47.6 24.0 72.0





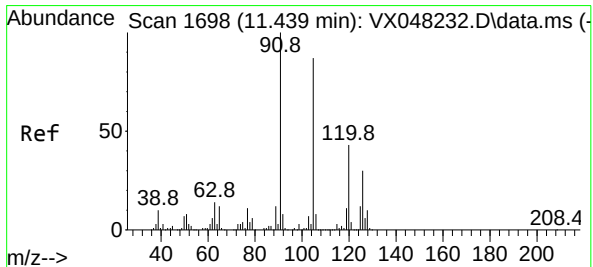
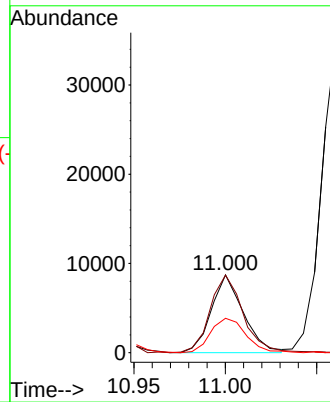
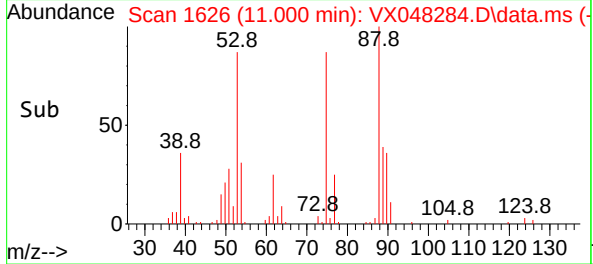
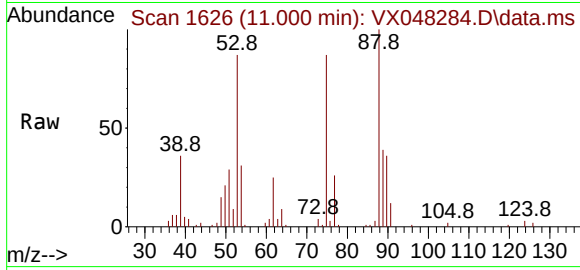
#81
trans-1,4-Dichloro-2-butene
Concen: 17.303 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

Tgt Ion: 75 Resp: 10649
Ion Ratio Lower Upper
75 100
53 103.6 79.5 119.3
89 48.7 36.8 55.2

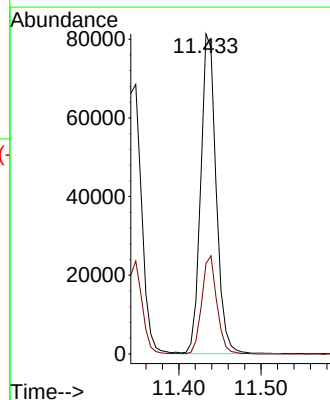
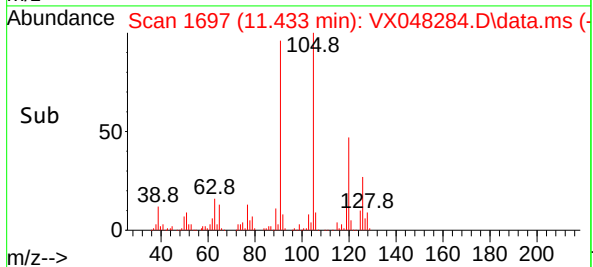
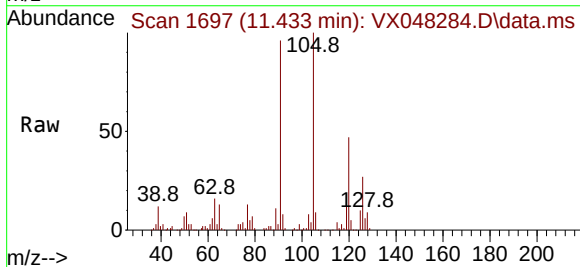
Manual Integrations
APPROVED

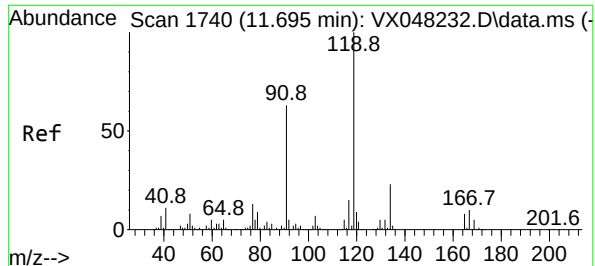
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#82
4-Chlorotoluene
Concen: 18.803 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

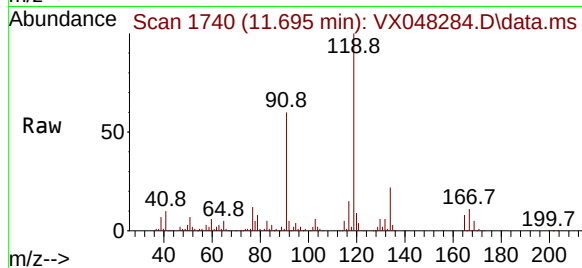
Tgt Ion: 91 Resp: 105630
Ion Ratio Lower Upper
91 100
126 30.2 14.1 42.4





#83
tert-Butylbenzene
Concen: 18.752 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

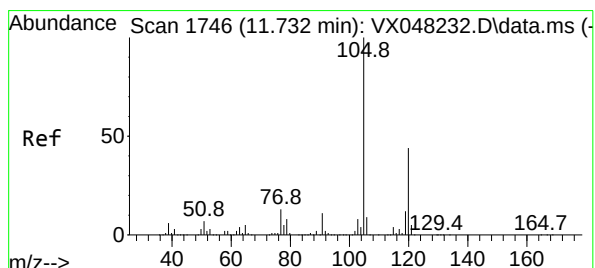
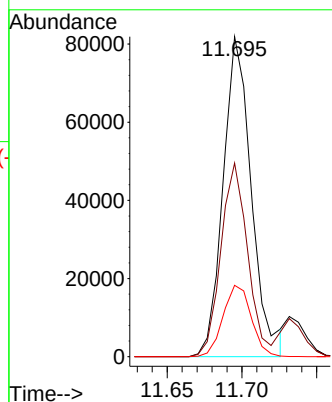
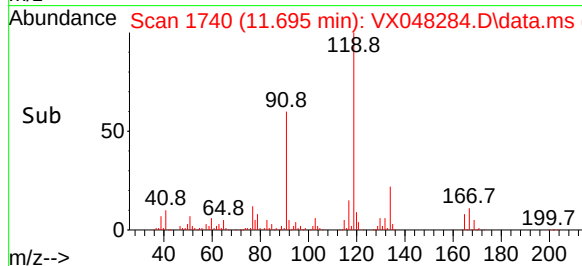
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01



Tgt Ion:119 Resp: 107485
Ion Ratio Lower Upper
119 100
91 57.4 30.3 91.0
134 22.4 11.4 34.2

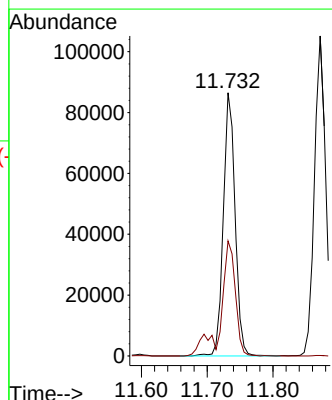
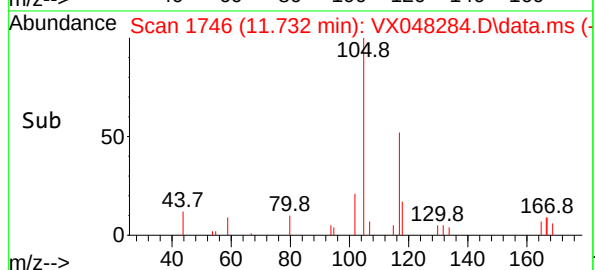
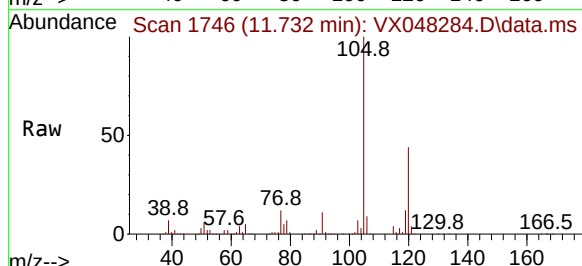
Manual Integrations
APPROVED

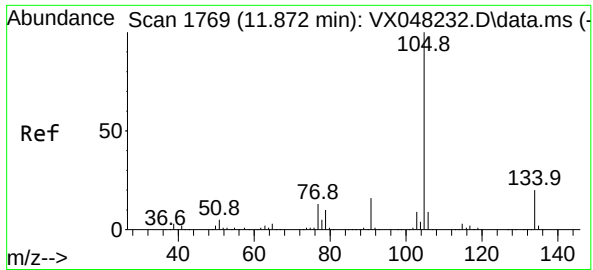
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#84
1,2,4-Trimethylbenzene
Concen: 19.382 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

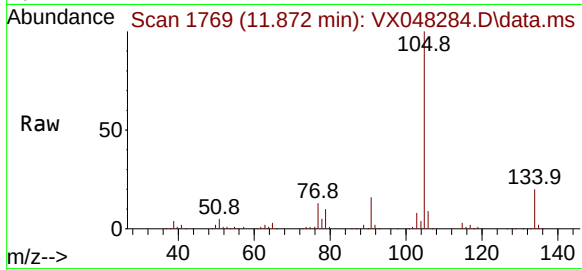
Tgt Ion:105 Resp: 107910
Ion Ratio Lower Upper
105 100
120 43.9 22.1 66.5





#85
 sec-Butylbenzene
 Concen: 18.276 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VX048284.D
 Acq: 22 Oct 2025 10:18

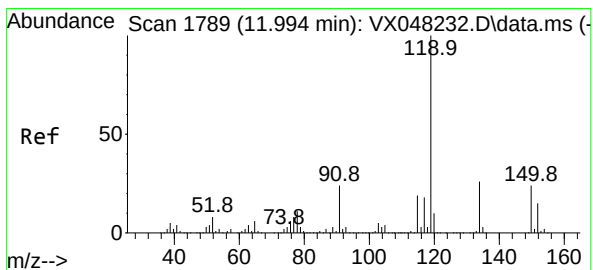
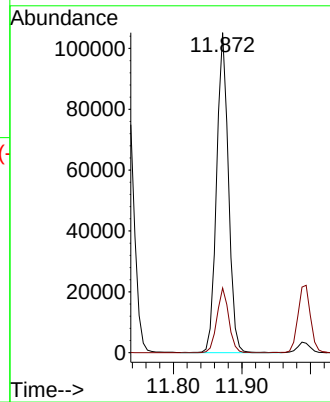
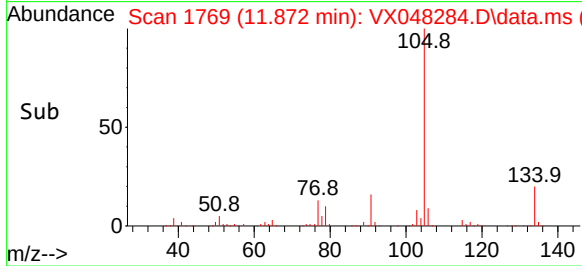
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBSD01



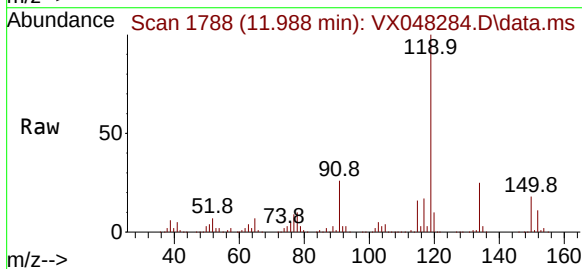
Tgt Ion:105 Resp: 126030
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.1

Manual Integrations
 APPROVED

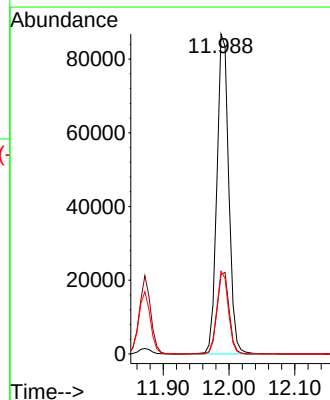
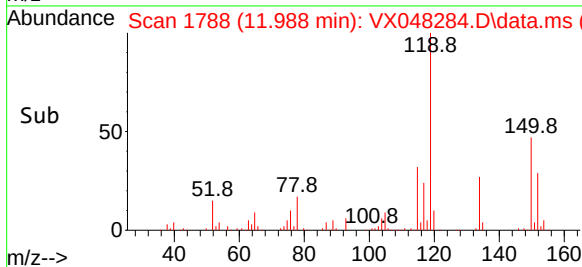
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/24/2025

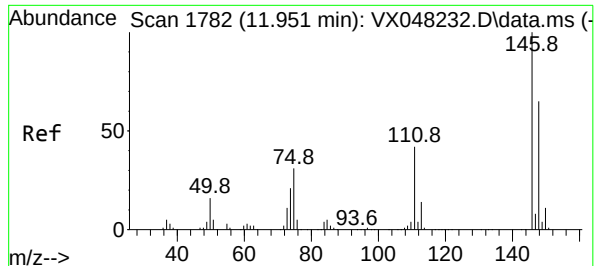


#86
 p-Isopropyltoluene
 Concen: 18.291 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. 0.000 min
 Lab File: VX048284.D
 Acq: 22 Oct 2025 10:18



Tgt Ion:119 Resp: 109030
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 39.0
 91 25.1 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 18.459 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD01

Tgt Ion:146 Resp: 5882

Ion Ratio Lower Upper

146 100

111 42.5 20.4 61.2

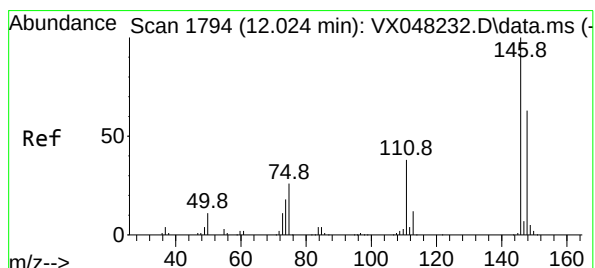
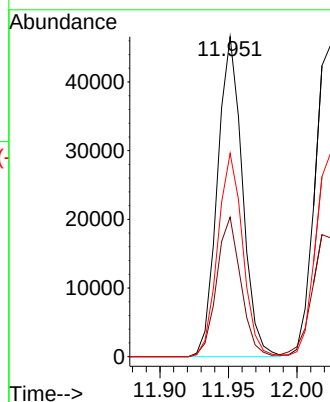
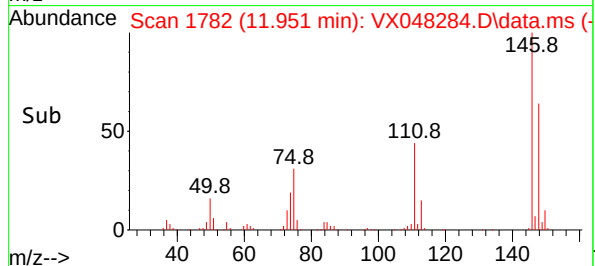
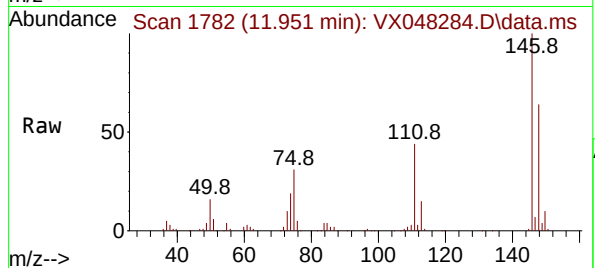
148 63.6 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#88

1,4-Dichlorobenzene

Concen: 18.231 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

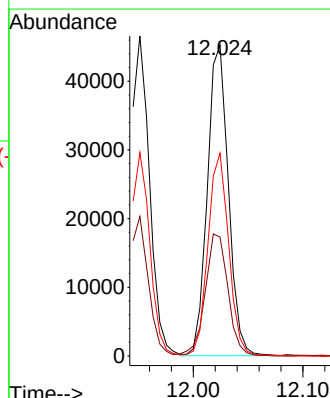
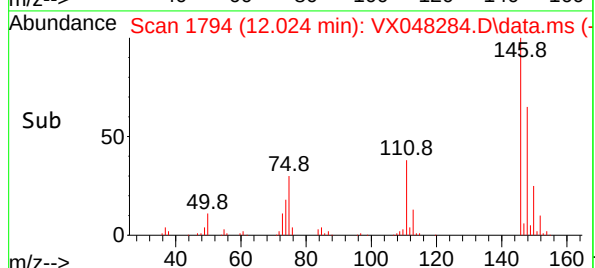
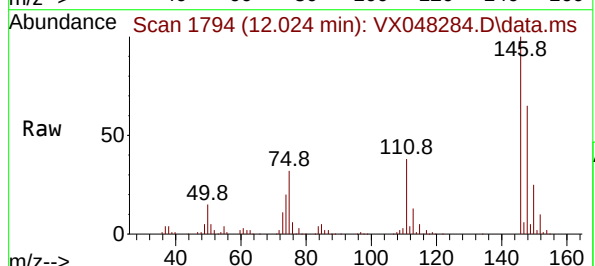
Tgt Ion:146 Resp: 60184

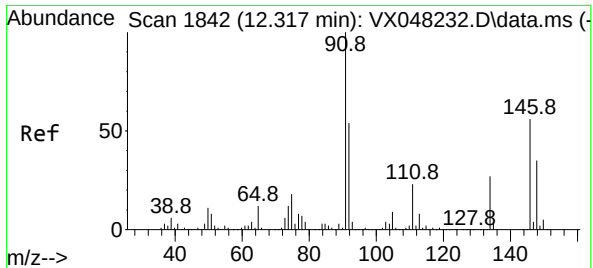
Ion Ratio Lower Upper

146 100

111 42.6 20.1 60.2

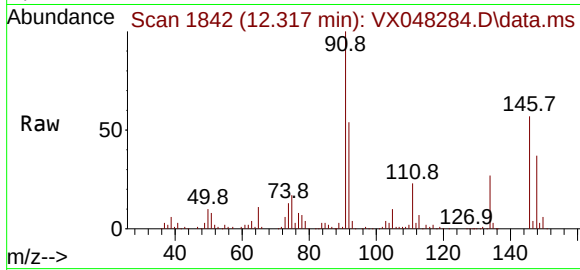
148 64.6 31.8 95.3





#89
n-Butylbenzene
Concen: 17.258 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

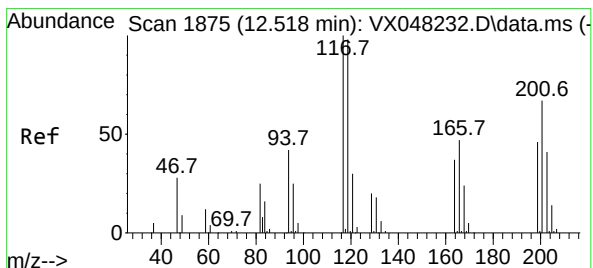
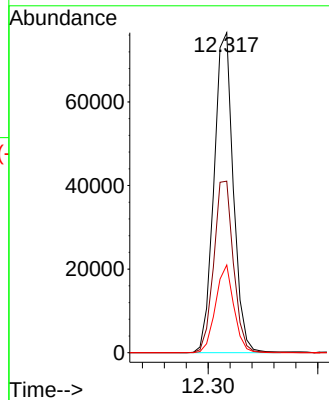
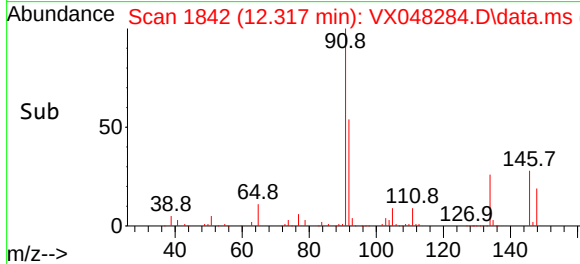
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01



Tgt Ion: 91 Resp: 9363
Ion Ratio Lower Upper
91 100
92 54.9 26.9 80.6
134 26.0 12.7 38.1

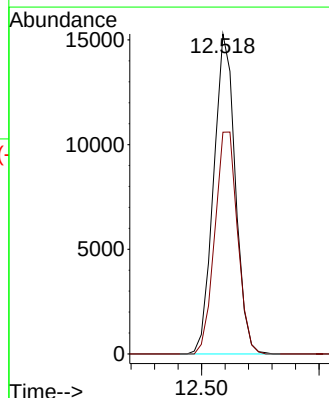
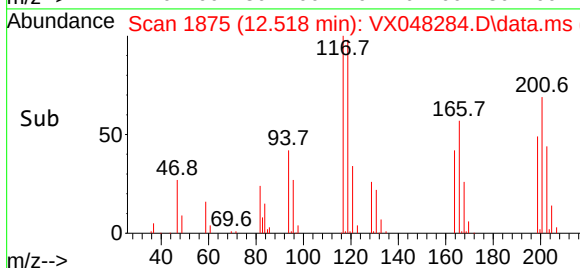
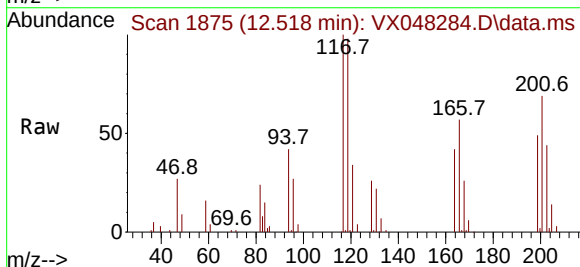
Manual Integrations
APPROVED

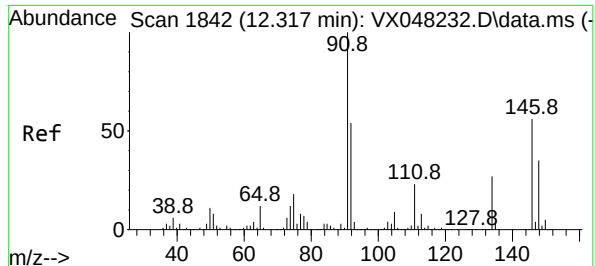
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#90
Hexachloroethane
Concen: 16.632 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

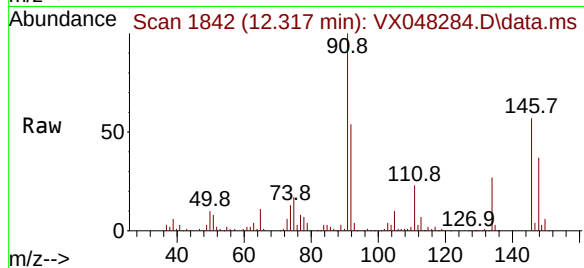
Tgt Ion:117 Resp: 19578
Ion Ratio Lower Upper
117 100
201 72.9 34.1 102.2





#91
1,2-Dichlorobenzene
Concen: 18.351 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

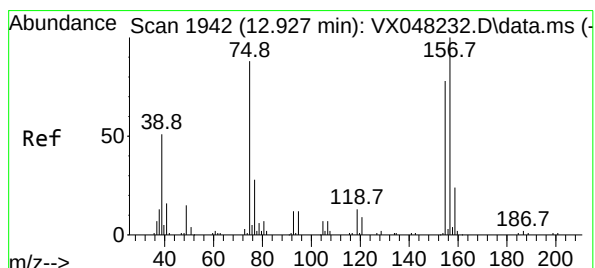
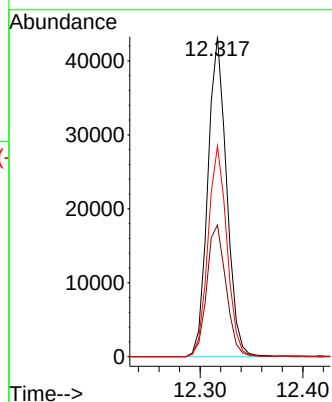
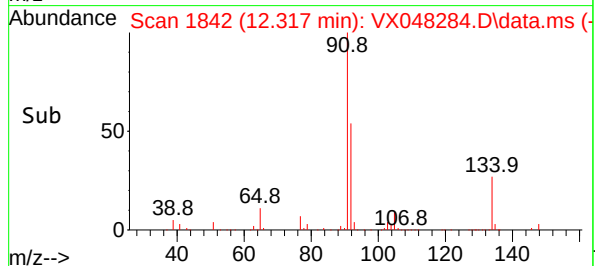
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01



Tgt Ion:146 Resp: 54904
Ion Ratio Lower Upper
146 100
111 42.5 21.9 65.5
148 65.9 31.9 95.5

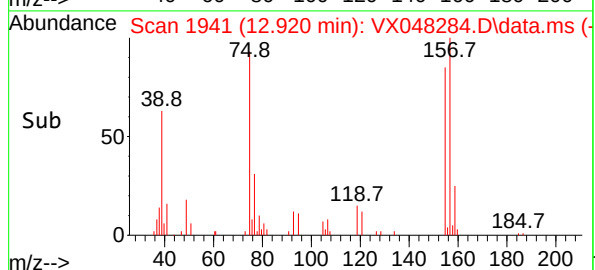
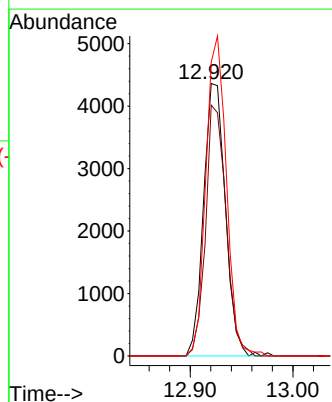
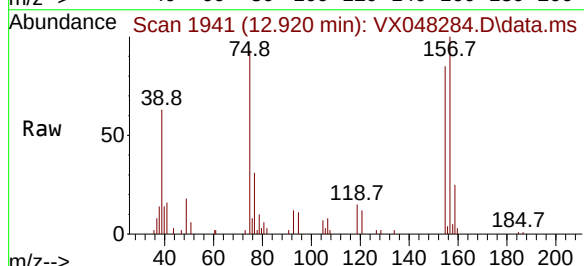
Manual Integrations
APPROVED

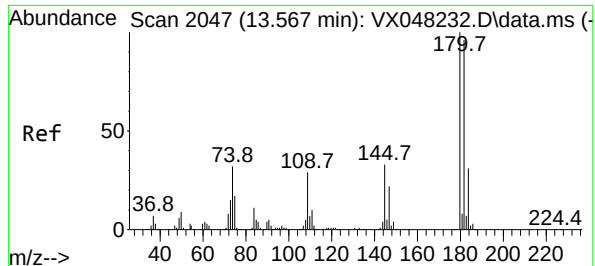
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.199 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 75 Resp: 6427
Ion Ratio Lower Upper
75 100
155 86.5 42.8 128.4
157 110.6 54.2 162.6





#93

1,2,4-Trichlorobenzene

Concen: 16.647 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD01

Tgt Ion:180 Resp: 3368

Ion Ratio Lower Upper

180 100

182 98.1 47.3 142.0

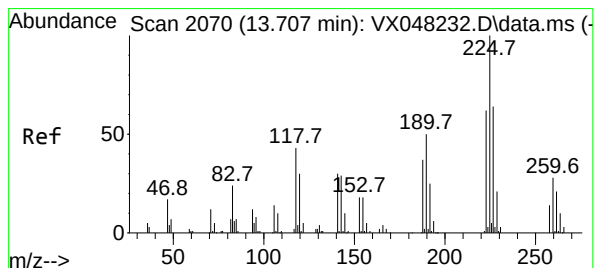
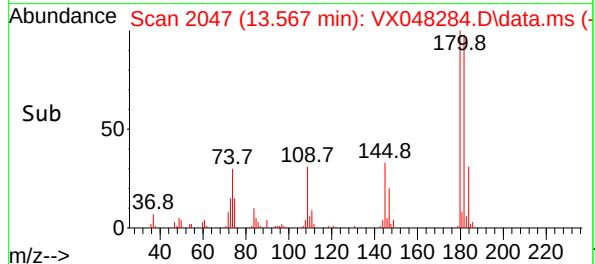
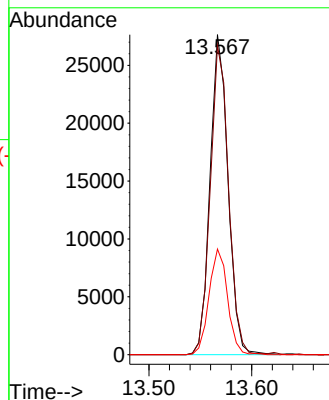
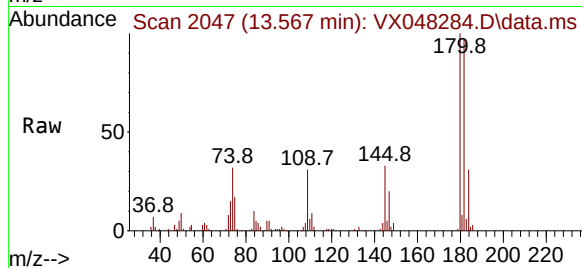
145 34.1 16.3 48.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#94

Hexachlorobutadiene

Concen: 18.273 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. 0.006 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

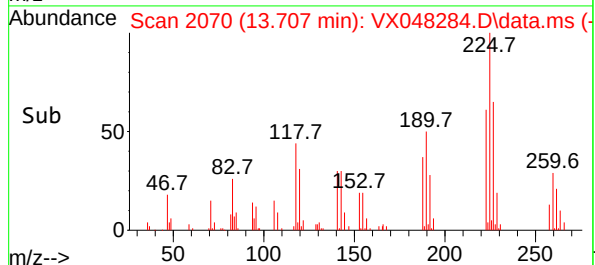
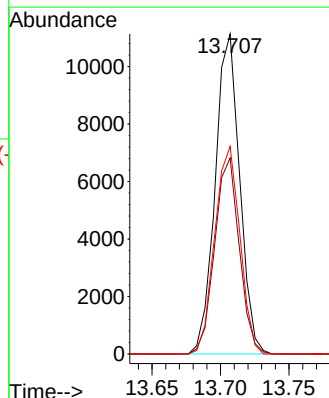
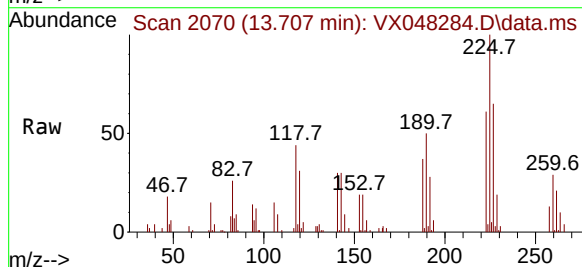
Tgt Ion:225 Resp: 13822

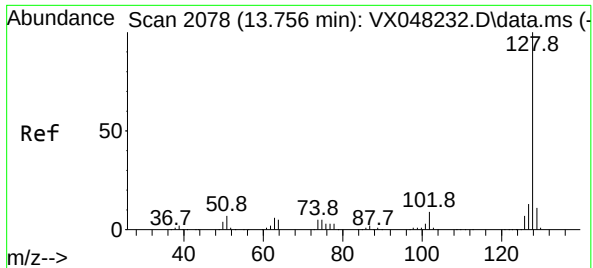
Ion Ratio Lower Upper

225 100

223 61.5 32.6 97.7

227 66.5 32.5 97.4





#95

Naphthalene

Concen: 17.176 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD01

Tgt Ion:128 Resp: 92069

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

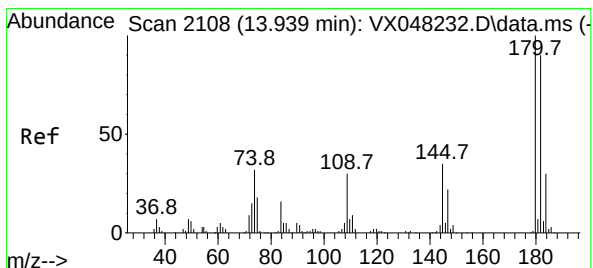
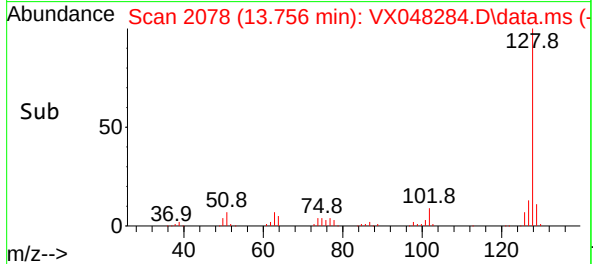
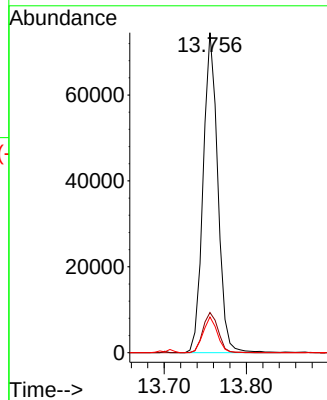
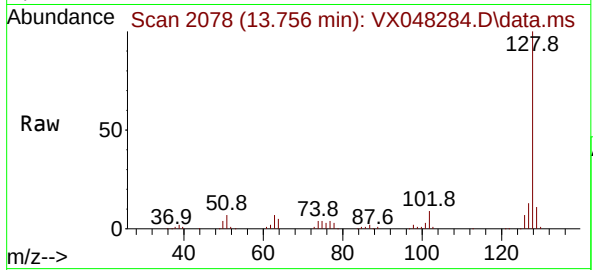
129 10.9 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#96

1,2,3-Trichlorobenzene

Concen: 17.794 ug/l

RT: 13.939 min Scan# 2108

Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

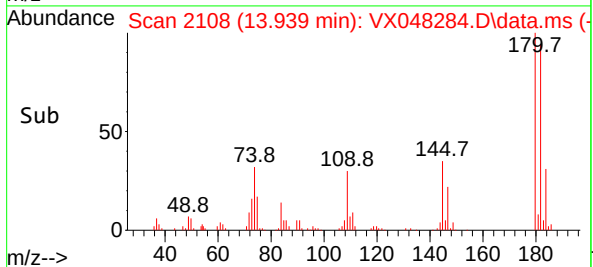
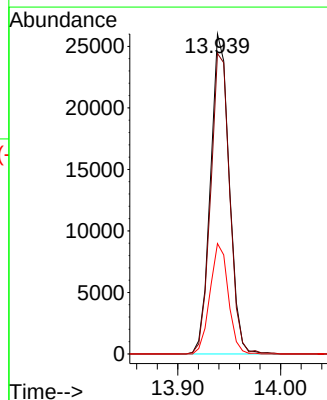
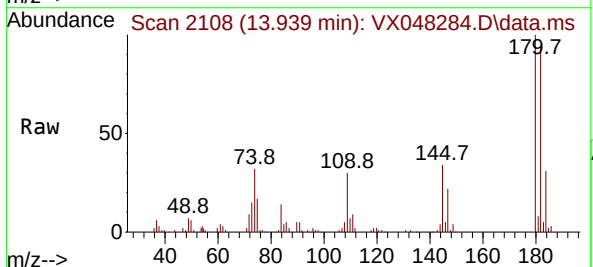
Tgt Ion:180 Resp: 33036

Ion Ratio Lower Upper

180 100

182 95.3 46.6 139.7

145 33.6 16.9 50.7



Manual Integration Report

Sequence:	VX102025	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX048229.D	1,2,3-Trichloropropane	JOHN	10/21/2025 8:03:22 AM	sam	10/21/2025 10:41:22 AM	Peak Integrated by Software
VSTDICC001	VX048229.D	1,4-Dichlorobenzene	JOHN	10/21/2025 8:03:22 AM	sam	10/21/2025 10:41:22 AM	Peak Integrated by Software
VSTDICC001	VX048229.D	Carbon Tetrachloride	JOHN	10/21/2025 8:03:22 AM	sam	10/21/2025 10:41:22 AM	Peak Integrated by Software
VSTDICC001	VX048229.D	Ethyl Acetate	JOHN	10/21/2025 8:03:22 AM	sam	10/21/2025 10:41:22 AM	Peak Integrated by Software
VSTDICC001	VX048229.D	Methacrylonitrile	JOHN	10/21/2025 8:03:22 AM	sam	10/21/2025 10:41:22 AM	Peak Integrated by Software
VSTDICC020	VX048231.D	1,2,3-Trichloropropane	JOHN	10/21/2025 8:03:30 AM	sam	10/21/2025 10:41:32 AM	Peak Integrated by Software
VSTDICCC050	VX048232.D	1,2,3-Trichloropropane	JOHN	10/21/2025 8:03:35 AM	sam	10/21/2025 10:41:38 AM	Peak Integrated by Software
VSTDICC100	VX048233.D	1,2,3-Trichloropropane	JOHN	10/21/2025 8:03:40 AM	sam	10/21/2025 10:42:36 AM	Peak Integrated by Software
VSTDICC150	VX048234.D	1,2,3-Trichloropropane	JOHN	10/21/2025 8:03:49 AM	sam	10/21/2025 10:43:04 AM	Peak Integrated by Software
VSTDICC005	VX048236.D	1,2,3-Trichloropropane	JOHN	10/21/2025 8:03:55 AM	sam	10/21/2025 10:41:42 AM	Peak Integrated by Software
VSTDICC005	VX048236.D	Ethyl Acetate	JOHN	10/21/2025 8:03:55 AM	sam	10/21/2025 10:41:42 AM	Peak Integrated by Software
VSTDICC005	VX048236.D	Methacrylonitrile	JOHN	10/21/2025 8:03:55 AM	sam	10/21/2025 10:41:42 AM	Peak Integrated by Software
VSTDICV050	VX048237.D	1,2,3-Trichloropropane	JOHN	10/21/2025 8:03:59 AM	sam	10/21/2025 10:41:51 AM	Peak Integrated by Software



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

Manual Integration Report

Sequence:

VX102025

Instrument

MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX048250.D	1,2,3-Trichloropropane	JOHN	10/21/2025 8:04:26 AM	sam	10/21/2025 10:42:06 AM	Peak Integrated by Software

Manual Integration Report

Sequence:

Vx102225

Instrument

MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX048280.D	1,2,3-Trichloropropane	JOHN	10/24/2025 8:20:32 AM	MMDadoda	10/24/2025 2:35:08 PM	Peak Integrated by Software
VX1022WBS01	VX048283.D	1,2,3-Trichloropropane	JOHN	10/24/2025 8:20:36 AM	MMDadoda	10/24/2025 2:35:13 PM	Peak Integrated by Software
VX1022WBSD0 1	VX048284.D	1,2,3-Trichloropropane	JOHN	10/24/2025 8:20:45 AM	MMDadoda	10/24/2025 2:35:19 PM	Peak Integrated by Software
VSTDCCC050	VX048308.D	1,2,3-Trichloropropane	JOHN	10/24/2025 8:22:52 AM	MMDadoda	10/24/2025 2:35:30 PM	Peak Integrated by Software



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

Manual Integration Report

Sequence:

vx102425

Instrument

MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX048339.D	1,2,3-Trichloropropane	JOHN	10/27/2025 7:59:46 AM	MMDadoda	10/27/2025 2:52:39 PM	Peak Integrated by Software
VX1024WBS01	VX048341.D	1,2,3-Trichloropropane	JOHN	10/27/2025 7:59:52 AM	MMDadoda	10/27/2025 2:52:43 PM	Peak Integrated by Software
VSTDCCC050	VX048353.D	1,2,3-Trichloropropane	JOHN	10/27/2025 8:00:00 AM	MMDadoda	10/27/2025 2:52:51 PM	Peak Integrated by Software

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX102025

Review By	John Carlone	Review On	10/21/2025 8:15:04 AM
Supervise By	Semsettin Yesilyurt	Supervise On	10/21/2025 10:44:02 AM
SubDirectory	VX102025	HP Acquire Method	HP Processing Method 82X102025W.M
STD. NAME	STD REF.#		
Tune/Reschk	VP135849		
Initial Calibration Stds	VP135851,VP135852,VP135853,VP135854,VP135855,VP135856		
CCC	VP135850		
Internal Standard/PEM			
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX048226.D	20 Oct 2025 08:15	JC/MD	Ok
2	VSTDCCC050	VX048227.D	20 Oct 2025 10:13	JC/MD	Ok
3	IBLK	VX048228.D	20 Oct 2025 10:38	JC/MD	Not Ok
4	VSTDICC001	VX048229.D	20 Oct 2025 10:59	JC/MD	Ok,M
5	VSTDICC005	VX048230.D	20 Oct 2025 11:20	JC/MD	Not Ok
6	VSTDICC020	VX048231.D	20 Oct 2025 11:40	JC/MD	Ok,M
7	VSTDICCC050	VX048232.D	20 Oct 2025 12:01	JC/MD	Ok,M
8	VSTDICC100	VX048233.D	20 Oct 2025 12:22	JC/MD	Ok,M
9	VSTDICC150	VX048234.D	20 Oct 2025 12:43	JC/MD	Ok,M
10	IBLK	VX048235.D	20 Oct 2025 13:04	JC/MD	Ok
11	VSTDICC005	VX048236.D	20 Oct 2025 13:49	JC/MD	Ok,M
12	VSTDICV050	VX048237.D	20 Oct 2025 14:28	JC/MD	Ok,M
13	VX1020MBL01	VX048238.D	20 Oct 2025 14:56	JC/MD	Ok
14	VX1020WBL01	VX048239.D	20 Oct 2025 15:23	JC/MD	Ok
15	VX1020WBS01	VX048240.D	20 Oct 2025 15:50	JC/MD	Ok,M
16	Q3371-03	VX048241.D	20 Oct 2025 16:18	JC/MD	ReRun
17	Q3371-06	VX048242.D	20 Oct 2025 16:38	JC/MD	ReRun
18	Q3371-01	VX048243.D	20 Oct 2025 16:59	JC/MD	ReRun
19	Q3371-02	VX048244.D	20 Oct 2025 17:20	JC/MD	ReRun
20	Q3371-04	VX048245.D	20 Oct 2025 17:41	JC/MD	Ok
21	Q3371-05	VX048246.D	20 Oct 2025 18:02	JC/MD	Ok

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QCBatch ID # VX102025

Review By	John Carlone	Review On	10/21/2025 8:15:04 AM
Supervise By	Semsettin Yesilyurt	Supervise On	10/21/2025 10:44:02 AM
SubDirectory	VX102025	HP Acquire Method	HP Processing Method 82X102025W.M
STD. NAME	STD REF.#		
Tune/Reschk	VP135849		
Initial Calibration Stds	VP135851,VP135852,VP135853,VP135854,VP135855,VP135856		
CCC	VP135850		
Internal Standard/PEM			
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	VX1020WBSD01	VX048247.D	20 Oct 2025 18:22	JC/MD	Ok,M
23	VX1020MBS01	VX048248.D	20 Oct 2025 18:43	JC/MD	Ok,M
24	Q3390-01	VX048249.D	20 Oct 2025 19:04	JC/MD	Ok
25	VSTDCCC050	VX048250.D	20 Oct 2025 19:25	JC/MD	Ok,M

M : Manual Integration

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX102225

Review By	John Carlone	Review On	10/24/2025 8:33:44 AM
Supervise By	Maresh Dadoda	Supervise On	10/24/2025 2:35:38 PM
SubDirectory	VX102225	HP Acquire Method	HP Processing Method 82X102025W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP135885		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP135886,VP135887		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX048279.D	22 Oct 2025 08:07	JC/MD	Ok
2	VSTDCCC050	VX048280.D	22 Oct 2025 08:37	JC/MD	Ok,M
3	VX1022MBL01	VX048281.D	22 Oct 2025 09:05	JC/MD	Ok
4	VX1022WBL01	VX048282.D	22 Oct 2025 09:26	JC/MD	Ok
5	VX1022WBS01	VX048283.D	22 Oct 2025 09:53	JC/MD	Ok,M
6	VX1022WBSD01	VX048284.D	22 Oct 2025 10:18	JC/MD	Ok,M
7	Q3368-06	VX048285.D	22 Oct 2025 10:39	JC/MD	Ok
8	Q3368-07	VX048286.D	22 Oct 2025 11:00	JC/MD	Not Ok
9	Q3397-04	VX048287.D	22 Oct 2025 11:20	JC/MD	Ok,M
10	Q3368-07	VX048288.D	22 Oct 2025 11:41	JC/MD	Ok
11	Q3402-03	VX048289.D	22 Oct 2025 12:02	JC/MD	Ok
12	Q3402-06	VX048290.D	22 Oct 2025 12:23	JC/MD	ReRun
13	Q3402-09	VX048291.D	22 Oct 2025 12:43	JC/MD	ReRun
14	Q3402-12	VX048292.D	22 Oct 2025 13:04	JC/MD	ReRun
15	Q3403-04	VX048293.D	22 Oct 2025 13:25	JC/MD	ReRun
16	Q3412-04	VX048294.D	22 Oct 2025 13:46	JC/MD	ReRun
17	PB170173TB	VX048295.D	22 Oct 2025 14:06	JC/MD	Ok
18	Q3373-01	VX048296.D	22 Oct 2025 14:27	JC/MD	ReRun
19	Q3373-02	VX048297.D	22 Oct 2025 14:48	JC/MD	ReRun
20	Q3373-03	VX048298.D	22 Oct 2025 15:09	JC/MD	ReRun
21	Q3373-04	VX048299.D	22 Oct 2025 15:29	JC/MD	ReRun

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX102225

Review By	John Carlone	Review On	10/24/2025 8:33:44 AM
Supervise By	Maresh Dadoda	Supervise On	10/24/2025 2:35:38 PM
SubDirectory	VX102225	HP Acquire Method	HP Processing Method 82X102025W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP135885		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP135886,VP135887		

22	Q3399-04	VX048300.D	22 Oct 2025 15:50	JC/MD	ReRun
23	Q3402-06RE	VX048301.D	22 Oct 2025 16:11	JC/MD	Confirms
24	Q3402-09	VX048302.D	22 Oct 2025 16:32	JC/MD	Ok
25	Q3402-12RE	VX048303.D	22 Oct 2025 16:53	JC/MD	Confirms
26	Q3426-01	VX048304.D	22 Oct 2025 17:13	JC/MD	Not Ok
27	Q3426-02	VX048305.D	22 Oct 2025 17:34	JC/MD	Not Ok
28	Q3426-03	VX048306.D	22 Oct 2025 17:55	JC/MD	Not Ok
29	Q3426-04	VX048307.D	22 Oct 2025 18:16	JC/MD	Not Ok
30	VSTDCCC050	VX048308.D	22 Oct 2025 18:36	JC/MD	Ok,M

M : Manual Integration

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX102425

Review By	John Carlone	Review On	10/27/2025 8:02:08 AM
Supervise By	Maresh Dadoda	Supervise On	10/27/2025 2:53:02 PM
SubDirectory	VX102425	HP Acquire Method	HP Processing Method 82X102025W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP135915		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP135916,VP135917		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX048338.D	24 Oct 2025 08:19	JC/MD	Ok
2	VSTDCCC050	VX048339.D	24 Oct 2025 09:16	JC/MD	Ok,M
3	VX1024WBL01	VX048340.D	24 Oct 2025 09:48	JC/MD	Ok
4	VX1024WBS01	VX048341.D	24 Oct 2025 10:15	JC/MD	Ok,M
5	VX1024WBSD01	VX048342.D	24 Oct 2025 10:43	JC/MD	Ok,M
6	Q3399-04RE	VX048343.D	24 Oct 2025 11:03	JC/MD	Confirms
7	Q3414-13DL	VX048344.D	24 Oct 2025 11:24	JC/MD	Ok
8	Q3414-11DL	VX048345.D	24 Oct 2025 11:45	JC/MD	Ok
9	Q3414-12DL	VX048346.D	24 Oct 2025 12:05	JC/MD	Ok
10	Q3403-04	VX048347.D	24 Oct 2025 12:26	JC/MD	Ok
11	Q3412-04	VX048348.D	24 Oct 2025 12:47	JC/MD	Ok
12	IBLK	VX048349.D	24 Oct 2025 13:07	JC/MD	Ok
13	Q3454-01	VX048350.D	24 Oct 2025 14:47	JC/MD	Not Ok
14	Q3464-01	VX048351.D	24 Oct 2025 15:08	JC/MD	ReRun
15	Q3464-02	VX048352.D	24 Oct 2025 15:28	JC/MD	ReRun
16	VSTDCCC050	VX048353.D	24 Oct 2025 15:49	JC/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX102025

Review By	John Carlone	Review On	10/21/2025 8:15:04 AM
Supervise By	Semsettin Yesilyurt	Supervise On	10/21/2025 10:44:02 AM
SubDirectory	VX102025	HP Acquire Method	HP Processing Method 82X102025W.M

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	VP135849 VP135851,VP135852,VP135853,VP135854,VP135855,VP135856
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP135850

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX048226.D	20 Oct 2025 08:15		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX048227.D	20 Oct 2025 10:13		JC/MD	Ok
3	IBLK	IBLK	VX048228.D	20 Oct 2025 10:38		JC/MD	Not Ok
4	VSTDICC001	VSTDICC001	VX048229.D	20 Oct 2025 10:59	LR-58,94	JC/MD	Ok,M
5	VSTDICC005	VSTDICC005	VX048230.D	20 Oct 2025 11:20		JC/MD	Not Ok
6	VSTDICC020	VSTDICC020	VX048231.D	20 Oct 2025 11:40		JC/MD	Ok,M
7	VSTDICCC050	VSTDICCC050	VX048232.D	20 Oct 2025 12:01		JC/MD	Ok,M
8	VSTDICC100	VSTDICC100	VX048233.D	20 Oct 2025 12:22		JC/MD	Ok,M
9	VSTDICC150	VSTDICC150	VX048234.D	20 Oct 2025 12:43		JC/MD	Ok,M
10	IBLK	IBLK	VX048235.D	20 Oct 2025 13:04		JC/MD	Ok
11	VSTDICC005	VSTDICC005	VX048236.D	20 Oct 2025 13:49		JC/MD	Ok,M
12	VSTDICV050	ICVVX102025	VX048237.D	20 Oct 2025 14:28	pH#Lot#V12668	JC/MD	Ok,M
13	VX1020MBL01	VX1020MBL01	VX048238.D	20 Oct 2025 14:56		JC/MD	Ok
14	VX1020WBL01	VX1020WBL01	VX048239.D	20 Oct 2025 15:23		JC/MD	Ok
15	VX1020WBS01	VX1020WBS01	VX048240.D	20 Oct 2025 15:50		JC/MD	Ok,M
16	Q3371-03	VPB184-HYD-2025101	VX048241.D	20 Oct 2025 16:18	vial A pH<2 Surrogate Fail	JC/MD	ReRun
17	Q3371-06	VPB184-HYD-2025101	VX048242.D	20 Oct 2025 16:38	vial A pH<2 Surrogate Fail	JC/MD	ReRun
18	Q3371-01	BP-VPB-184-TB-20251	VX048243.D	20 Oct 2025 16:59	vial A pH<2 TB; Surrogate Fail	JC/MD	ReRun

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX102025

Review By	John Carlone	Review On	10/21/2025 8:15:04 AM
Supervise By	Semsettin Yesilyurt	Supervise On	10/21/2025 10:44:02 AM
SubDirectory	VX102025	HP Acquire Method	HP Processing Method 82X102025W.M
STD. NAME	STD REF.#		
Tune/Reschk	VP135849		
Initial Calibration Stds	VP135851,VP135852,VP135853,VP135854,VP135855,VP135856		
CCC	VP135850		
Internal Standard/PEM			
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	Q3371-02	BP-VPB-184-EB-20251	VX048244.D	20 Oct 2025 17:20	vial A pH<2 EB; Surrogate Fail; Hit of com.#16	JC/MD	ReRun
20	Q3371-04	BP-VPB-184-GW-915-9	VX048245.D	20 Oct 2025 17:41	vial A pH<2	JC/MD	Ok
21	Q3371-05	BP-VPB-184-GW-920-9	VX048246.D	20 Oct 2025 18:02	vial A pH<2	JC/MD	Ok
22	VX1020WBSD01	VX1020WBSD01	VX048247.D	20 Oct 2025 18:22		JC/MD	Ok,M
23	VX1020MBS01	VX1020MBS01	VX048248.D	20 Oct 2025 18:43		JC/MD	Ok,M
24	Q3390-01	4174	VX048249.D	20 Oct 2025 19:04	cloth material	JC/MD	Ok
25	VSTDCCC050	VSTDCCC050EC	VX048250.D	20 Oct 2025 19:25		JC/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX102225

Review By	John Carlone	Review On	10/24/2025 8:33:44 AM
Supervise By	Maresh Dadoda	Supervise On	10/24/2025 2:35:38 PM
SubDirectory	VX102225	HP Acquire Method	HP Processing Method 82X102025W.M

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	VP135885
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP135886,VP135887

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX048279.D	22 Oct 2025 08:07		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX048280.D	22 Oct 2025 08:37	pH#Lot#V12668	JC/MD	Ok,M
3	VX1022MBL01	VX1022MBL01	VX048281.D	22 Oct 2025 09:05		JC/MD	Ok
4	VX1022WBL01	VX1022WBL01	VX048282.D	22 Oct 2025 09:26		JC/MD	Ok
5	VX1022WBS01	VX1022WBS01	VX048283.D	22 Oct 2025 09:53		JC/MD	Ok,M
6	VX1022WBSD01	VX1022WBSD01	VX048284.D	22 Oct 2025 10:18		JC/MD	Ok,M
7	Q3368-06	OUTSIDE-DUMPSTER	VX048285.D	22 Oct 2025 10:39	vial A pH#5.0	JC/MD	Ok
8	Q3368-07	PRESS-SLUDGE	VX048286.D	22 Oct 2025 11:00	not purge; RT Shifted	JC/MD	Not Ok
9	Q3397-04	TP-7-WC	VX048287.D	22 Oct 2025 11:20	vial A pH#5.0	JC/MD	Ok,M
10	Q3368-07	PRESS-SLUDGE	VX048288.D	22 Oct 2025 11:41	vial A pH#5.0 foamy sample	JC/MD	Ok
11	Q3402-03	41-LA	VX048289.D	22 Oct 2025 12:02	vial A pH#5.0	JC/MD	Ok
12	Q3402-06	41-RA	VX048290.D	22 Oct 2025 12:23	vial A pH#5.0 Surrogate fail	JC/MD	ReRun
13	Q3402-09	41-LB	VX048291.D	22 Oct 2025 12:43	vial A pH#5.0 Surrogate fail	JC/MD	ReRun
14	Q3402-12	41-RB	VX048292.D	22 Oct 2025 13:04	vial A pH#5.0 Surrogate fail	JC/MD	ReRun
15	Q3403-04	MH-18	VX048293.D	22 Oct 2025 13:25	vial A pH#5.0 Surrogate fail	JC/MD	ReRun
16	Q3412-04	TP-6	VX048294.D	22 Oct 2025 13:46	vial A pH#5.0 Surrogate fail	JC/MD	ReRun
17	PB170173TB	PB170173TB	VX048295.D	22 Oct 2025 14:06		JC/MD	Ok
18	Q3373-01	STORAGE-BLANK-SO	VX048296.D	22 Oct 2025 14:27	vial A pH<2 Surrogate fail	JC/MD	ReRun

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX102225

Review By	John Carlone	Review On	10/24/2025 8:33:44 AM
Supervise By	Maresh Dadoda	Supervise On	10/24/2025 2:35:38 PM
SubDirectory	VX102225	HP Acquire Method	HP Processing Method 82X102025W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP135885		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP135886,VP135887		

19	Q3373-02	STORAGE-BLANK-WA	VX048297.D	22 Oct 2025 14:48	vial A pH<2 Surrogate fail	JC/MD	ReRun
20	Q3373-03	STORAGE-BLANK-WA	VX048298.D	22 Oct 2025 15:09	vial A pH<2 Surrogate fail	JC/MD	ReRun
21	Q3373-04	STORAGE-BLANK-SAI	VX048299.D	22 Oct 2025 15:29	vial A pH<2 Surrogate fail	JC/MD	ReRun
22	Q3399-04	COMP-ROLLOFF	VX048300.D	22 Oct 2025 15:50	vial A pH#5.0 Surrogate fail	JC/MD	ReRun
23	Q3402-06RE	41-RARE	VX048301.D	22 Oct 2025 16:11	vial B pH#5.0 Surrogate fail	JC/MD	Confirms
24	Q3402-09	41-LB	VX048302.D	22 Oct 2025 16:32	vial B pH#5.0	JC/MD	Ok
25	Q3402-12RE	41-RBRE	VX048303.D	22 Oct 2025 16:53	vial B pH#5.0 Surrogate fail	JC/MD	Confirms
26	Q3426-01	TWP2	VX048304.D	22 Oct 2025 17:13	Run @ Lower Dilution	JC/MD	Not Ok
27	Q3426-02	TWP3	VX048305.D	22 Oct 2025 17:34	Run @ Lower Dilution; Surrogate Fail	JC/MD	Not Ok
28	Q3426-03	TWP5	VX048306.D	22 Oct 2025 17:55	Run @ Lower Dilution; Surrogate Fail	JC/MD	Not Ok
29	Q3426-04	MW2	VX048307.D	22 Oct 2025 18:16	Run @ Lower Dilution	JC/MD	Not Ok
30	VSTDCCC050	VSTDCCC050EC	VX048308.D	22 Oct 2025 18:36		JC/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX102425

Review By	John Carlone	Review On	10/27/2025 8:02:08 AM
Supervise By	Maresh Dadoda	Supervise On	10/27/2025 2:53:02 PM
SubDirectory	VX102425	HP Acquire Method	HP Processing Method 82X102025W.M

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	VP135915
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP135916,VP135917

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX048338.D	24 Oct 2025 08:19		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX048339.D	24 Oct 2025 09:16	CCC Failed Low For Com.#03,16	JC/MD	Ok,M
3	VX1024WBL01	VX1024WBL01	VX048340.D	24 Oct 2025 09:48	Surrogate fail for DOD	JC/MD	Ok
4	VX1024WBS01	VX1024WBS01	VX048341.D	24 Oct 2025 10:15		JC/MD	Ok,M
5	VX1024WBSD01	VX1024WBSD01	VX048342.D	24 Oct 2025 10:43		JC/MD	Ok,M
6	Q3399-04RE	COMP-ROLLOFFRE	VX048343.D	24 Oct 2025 11:03	vial B pH#5.0,BI Fail	JC/MD	Confirms
7	Q3414-13DL	SB-13DL	VX048344.D	24 Oct 2025 11:24	vial B pH#5.0	JC/MD	Ok
8	Q3414-11DL	SB-11DL	VX048345.D	24 Oct 2025 11:45	vial B pH#5.0	JC/MD	Ok
9	Q3414-12DL	SB-12DL	VX048346.D	24 Oct 2025 12:05	vial B pH#5.0	JC/MD	Ok
10	Q3403-04	MH-18	VX048347.D	24 Oct 2025 12:26	vial B pH#5.0	JC/MD	Ok
11	Q3412-04	TP-6	VX048348.D	24 Oct 2025 12:47	vial B pH#5.0	JC/MD	Ok
12	IBLK	IBLK	VX048349.D	24 Oct 2025 13:07		JC/MD	Ok
13	Q3454-01	101625	VX048350.D	24 Oct 2025 14:47	Surrogate fail; Run @ lower dilution	JC/MD	Not Ok
14	Q3464-01	MW2	VX048351.D	24 Oct 2025 15:08	vial A pH<2 CCC Failed Low, BS;BSD Failed Low	JC/MD	ReRun
15	Q3464-02	MW3	VX048352.D	24 Oct 2025 15:28	vial A pH<2 Surrogate fail; CCC Failed Low, BS;BSD Failed Low	JC/MD	ReRun
16	VSTDCCC050	VSTDCCC050EC	VX048353.D	24 Oct 2025 15:49		JC/MD	Ok,M

M : Manual Integration

SOP ID : M1311-TCLP-16

SDG No : N/A

Weigh By : JP

Balance ID : WC SC-7

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pipette ID : WC

Tumbler ID : ZHE-1 / ZHE-2

TCLP Filter ID : 60828725

Start Prep Date : 10/21/2025 Time : 14:00

End Prep Date : 10/22/2025 Time : 07:20

Combination Ratio : 20

ZHE Cleaning Batch : ~~N/A~~ 18

Initial Room Temperature: 22 °C

Final Room Temperature: 21 °C

TCLP Technician Signature : 

Supervisor By : 12

Standard Name	MLS USED	STD REF. # FROM LOG
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE U	Lot Number
TCLP-FLUID-1	N/A	WP114525
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
40ml VOA Vials	4127	N/A

Extraction Conformance/Non-Conformance Comments:

ALL ZHE samples are extracted and given as vial A & B. Leck checked after 10 minutes of tumbling. TUMBLER - ZHE1- /ZHE-2 checked,30 rpm.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/22/25 09:30	 100200m	 100C LAB
	Preparation Group	Analysis Group

Sample ID	ClientID	ZHE Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB170173TB	LEB173	11	N/A	500	N/A	N/A	N/A	N/A	N/A	ZHE-2
Q3368-06	OUTSIDE-DUMPSTER	01	25.02	500	N/A	N/A	N/A	N/A	N/A	ZHE-1
Q3368-07	PRESS-SLUDGE	02	25.03	500	N/A	N/A	N/A	N/A	N/A	ZHE-1
Q3397-04	TP-7-WC	03	25.01	500	N/A	N/A	N/A	N/A	N/A	ZHE-1
Q3399-04	COMP-ROLLOFF	04	25.02	500	N/A	N/A	N/A	N/A	N/A	ZHE-1
Q3402-03	41-LA	05	25.02	500	N/A	N/A	N/A	N/A	N/A	ZHE-1
Q3402-06	41-RA	06	25.03	500	N/A	N/A	N/A	N/A	N/A	ZHE-1
Q3402-09	41-LB	07	25.02	500	N/A	N/A	N/A	N/A	N/A	ZHE-1
Q3402-12	41-RB	08	25.03	500	N/A	N/A	N/A	N/A	N/A	ZHE-1
Q3403-04	MH-18	09	25.02	500	N/A	N/A	N/A	N/A	N/A	ZHE-1
Q3412-04	TP-6	10	25.03	500	N/A	N/A	N/A	N/A	N/A	ZHE-1

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB170173TB	LEB173	N/A	N/A	N/A	N/A	N/A	N/A
Q3368-06	OUTSIDE-DUMPSTER	N/A	N/A	N/A	N/A	100	N/A
Q3368-07	PRESS-SLUDGE	N/A	N/A	N/A	N/A	100	N/A
Q3397-04	TP-7-WC	N/A	N/A	N/A	N/A	100	N/A
Q3399-04	COMP-ROLLOFF	N/A	N/A	N/A	N/A	100	N/A
Q3402-03	41-LA	N/A	N/A	N/A	N/A	100	N/A
Q3402-06	41-RA	N/A	N/A	N/A	N/A	100	N/A
Q3402-09	41-LB	N/A	N/A	N/A	N/A	100	N/A
Q3402-12	41-RB	N/A	N/A	N/A	N/A	100	N/A
Q3403-04	MH-18	N/A	N/A	N/A	N/A	100	N/A
Q3412-04	TP-6	N/A	N/A	N/A	N/A	100	N/A

WORKLIST(Hardcopy Internal Chain)

WorkList Name : TCLP ZHE Q3406

WorkList ID : 192577

Department : TCLP Extraction

Date : 10-21-2025 09:35:20

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3368-06	OUTSIDE-DUMPSTER	Solid	TCLP ZHE Extraction	Cool 4 deg C	ARAM01	D41	10/16/2025	1311 ZHE
Q3368-07	PRESS-SLUDGE	Solid	TCLP ZHE Extraction	Cool 4 deg C	ARAM01	D41	10/16/2025	1311 ZHE
Q3397-04	TP-7-WC	Solid	TCLP ZHE Extraction	Cool 4 deg C	PSEG03	D31	10/18/2025	1311 ZHE
Q3399-04	COMP-ROLLOFF	Solid	TCLP ZHE Extraction	Cool 4 deg C	ICES02	D41	10/20/2025	1311 ZHE
Q3402-03	41-LA	Solid	TCLP ZHE Extraction	Cool 4 deg C	PSEG03	D31	10/20/2025	1311 ZHE
Q3402-06	41-RA	Solid	TCLP ZHE Extraction	Cool 4 deg C	PSEG03	D31	10/20/2025	1311 ZHE
Q3402-09	41-LB	Solid	TCLP ZHE Extraction	Cool 4 deg C	PSEG03	D31	10/20/2025	1311 ZHE
Q3402-12	41-RB	Solid	TCLP ZHE Extraction	Cool 4 deg C	PSEG03	D31	10/20/2025	1311 ZHE
Q3403-04	MH-18	Solid	TCLP ZHE Extraction	Cool 4 deg C	PSEG03	D41	10/20/2025	1311 ZHE
Q3412-04	TP-6	Solid	TCLP ZHE Extraction	Cool 4 deg C	PSEG03	D31	10/20/2025	1311 ZHE

Date/Time 10/21/25 12:00
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Date/Time 10/21/25 15:30
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: TCE Service Group, Inc.
ADDRESS: 125 Bloomingdale Rd
CITY Levittown STATE: N.Y. ZIP:
ATTENTION: Dennis d. Morgan, II
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: ICES 02
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS:
CITY Stam STATE: ZIP:
ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) DAYS*
HARDCOPY (DATA PACKAGE): 72 HR TAT DAYS*
EDD: DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data ☐ Other
☐ EDD FORMAT

1. TCL 2. TCLP 3. Hev 4. DF 5. PL 6. 7. 8. 9.

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	<u>Comp-Rolloff</u> <u>I</u>	<u>sol</u>	<u>X</u>		<u>10-20-25</u>	<u>12:00</u>	<u>6</u>			<u>X</u>	<u>X</u>	<u>X</u>					<u>Pid = 1.3</u>
2.		<u>I</u>		<u>X</u>	<u>I</u>	<u>12:04</u>	<u>3</u>	<u>X</u>	<u>X</u>								<u>Pid = 1.3</u>
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: 1. <u>[Signature]</u>	DATE/TIME: <u>1300</u> <u>10-20-2025</u>	RECEIVED BY: 1. <u>[Signature]</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☒ COOLER TEMP <u>35</u> °C Comments: <u>*Pid Meter Calibrated 10-20-2025 *</u> <u>Equal Volume of soil used,</u>
RELINQUISHED BY SAMPLER: 2. <u>[Signature]</u>	DATE/TIME: <u></u>	RECEIVED BY: 2. <u>[Signature]</u>	
RELINQUISHED BY SAMPLER: 3. <u>[Signature]</u>	DATE/TIME: <u>1739</u> <u>10-20-2025</u>	RECEIVED BY: 3. <u>[Signature]</u>	

Page of CLIENT: ☐ Hand Delivered ☐ Other Shipment Complete ☐ YES ☐ NO

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312



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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3399 ICES02
Client Name : ICE Service Group, Inc.
Client Contact : Dennis D. Morgan, II
Invoice Name : ICE Service Group, Inc.
Invoice Contact : Dennis D. Morgan, II

Order Date : 10/20/2025 1:23:08 PM
Project Name : NWIRP Northrup Grumman
Receive Date Time : 10/20/2025 12:00:00 AM
Purchase Order : 5:54 PM

Project Mgr :
Report Type : NYS ASP A
EDD Type : NYSDEC EDD V-4
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3399-03	COMP-ROLLOFF	Solid	10/20/2025	12:04	VOC-TCLVOA-10		8260D		3 Bus. Days

Relinquished By :

Date / Time : 10/21/25 0740

Received By :

Date / Time : 10/21/25 08:00

Storage Area : VOA Refridgerator Room

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
 Data File : VX048229.D
 Acq On : 20 Oct 2025 10:59
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Oct 25 03:47:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	117157	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	193186	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	177252	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	86943	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	3362	2.047	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	4.100%#
35) Dibromofluoromethane	5.379	113	2615	1.983	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	3.960%#
50) Toluene-d8	8.635	98	8676	1.877	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	3.760%#
62) 4-Bromofluorobenzene	11.067	95	3491	1.985	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	3.980%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.173	85	1223	1.015	ug/l	82
3) Chloromethane	1.301	50	1186	1.055	ug/l #	62
4) Vinyl Chloride	1.380	62	1048	1.007	ug/l	92
5) Bromomethane	1.618	94	1028	1.455	ug/l	100
6) Chloroethane	1.697	64	545	0.891	ug/l	91
7) Trichlorofluoromethane	1.898	101	1819	0.911	ug/l	98
8) Diethyl Ether	2.142	74	542	0.965	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.337	101	1199	0.948	ug/l	89
10) Methyl Iodide	2.459	142	1847	1.162	ug/l	99
11) Tert butyl alcohol	2.953	59	839	5.144	ug/l #	72
12) 1,1-Dichloroethene	2.325	96	1207	0.981	ug/l	88
13) Acrolein	2.246	56	780	4.689	ug/l	99
14) Allyl chloride	2.666	41	2101	1.029	ug/l	96
15) Acrylonitrile	3.069	53	2984	5.074	ug/l	97
16) Acetone	2.380	43	3519	6.245	ug/l	98
17) Carbon Disulfide	2.520	76	4767	1.230	ug/l #	92
18) Methyl Acetate	2.703	43	1204	1.023	ug/l #	85
19) Methyl tert-butyl Ether	3.111	73	4437	1.057	ug/l	100
20) Methylene Chloride	2.794	84	1301	0.948	ug/l #	76
21) trans-1,2-Dichloroethene	3.099	96	1376	1.018	ug/l	96
22) Diisopropyl ether	3.745	45	3977	0.976	ug/l #	26
23) Vinyl Acetate	3.727	43	14769	4.539	ug/l	95
24) 1,1-Dichloroethane	3.611	63	2615	1.062	ug/l	97
25) 2-Butanone	4.574	43	3638	5.100	ug/l	98
26) 2,2-Dichloropropane	4.465	77	2347	1.056	ug/l	84
27) cis-1,2-Dichloroethene	4.489	96	1598	1.013	ug/l	94
28) Bromochloromethane	4.879	49	908	0.889	ug/l #	69
29) Tetrahydrofuran	5.007	42	2088	4.888	ug/l #	73
30) Chloroform	5.093	83	2688	1.022	ug/l	97
31) Cyclohexane	5.465	56	1796	0.881	ug/l #	69
32) 1,1,1-Trichloroethane	5.379	97	2459	1.014	ug/l #	50
36) 1,1-Dichloropropene	5.696	75	2173	1.159	ug/l #	62
37) Ethyl Acetate	4.727	43	1285	0.827	ug/l #	82
38) Carbon Tetrachloride	5.660	117	802	0.347	ug/l #	77
39) Methylcyclohexane	7.373	83	2128	0.961	ug/l	94
40) Benzene	6.032	78	5767	1.060	ug/l #	89

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
 Data File : VX048229.D
 Acq On : 20 Oct 2025 10:59
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Oct 25 03:47:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	312	0.382	ug/l #	67
42) 1,2-Dichloroethane	6.080	62	2044	1.018	ug/l	87
43) Isopropyl Acetate	6.336	43	2548	0.998	ug/l #	85
44) Trichloroethene	7.117	130	1547	1.076	ug/l	83
45) 1,2-Dichloropropane	7.422	63	1195	0.924	ug/l	96
46) Dibromomethane	7.574	93	1032	1.024	ug/l	95
47) Bromodichloromethane	7.812	83	2204	1.013	ug/l #	79
48) Methyl methacrylate	7.684	41	1283	0.996	ug/l	95
49) 1,4-Dioxane	7.665	88	255	14.987	ug/l #	34
51) 4-Methyl-2-Pentanone	8.562	43	7066	4.802	ug/l	91
52) Toluene	8.708	92	3403	0.984	ug/l	95
53) t-1,3-Dichloropropene	8.970	75	1844	0.879	ug/l #	74
54) cis-1,3-Dichloropropene	8.360	75	2250	0.994	ug/l	90
55) 1,1,2-Trichloroethane	9.147	97	1229	0.956	ug/l #	85
56) Ethyl methacrylate	9.104	69	1616	0.859	ug/l	96
57) 1,3-Dichloropropane	9.299	76	2174	0.990	ug/l	93
58) 2-Chloroethyl Vinyl ether	8.232	63	2970	4.614	ug/l	100
59) 2-Hexanone	9.421	43	4456	4.343	ug/l	92
60) Dibromochloromethane	9.507	129	1862	1.077	ug/l	95
61) 1,2-Dibromoethane	9.598	107	1338	0.976	ug/l	98
64) Tetrachloroethene	9.257	164	1482	1.120	ug/l	92
65) Chlorobenzene	10.067	112	4073	1.021	ug/l	90
66) 1,1,1,2-Tetrachloroethane	10.147	131	1495	1.021	ug/l #	66
67) Ethyl Benzene	10.177	91	6752	0.995	ug/l	97
68) m/p-Xylenes	10.287	106	4589	1.819	ug/l	90
69) o-Xylene	10.628	106	2313	0.950	ug/l	99
70) Styrene	10.640	104	3737	0.901	ug/l	96
71) Bromoform	10.787	173	1198	1.023	ug/l #	99
73) Isopropylbenzene	10.945	105	6291	0.991	ug/l	93
74) N-amyl acetate	10.829	43	2137	0.949	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.195	83	1718	0.991	ug/l	90
76) 1,2,3-Trichloropropane	11.220	75	2073	1.470	ug/l	79
77) Bromobenzene	11.183	156	1635	1.027	ug/l	91
78) n-propylbenzene	11.287	91	6956	0.946	ug/l	94
79) 2-Chlorotoluene	11.348	91	4477	1.004	ug/l	97
80) 1,3,5-Trimethylbenzene	11.433	105	5196	0.989	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.006	75	387	0.668	ug/l #	75
82) 4-Chlorotoluene	11.439	91	5385	1.018	ug/l	99
83) tert-Butylbenzene	11.695	119	5439	1.007	ug/l	91
84) 1,2,4-Trimethylbenzene	11.738	105	4854	0.926	ug/l	99
85) sec-Butylbenzene	11.872	105	6589	1.014	ug/l	99
86) p-Isopropyltoluene	11.994	119	5812	1.035	ug/l	91
87) 1,3-Dichlorobenzene	11.951	146	3239	1.079	ug/l	96
88) 1,4-Dichlorobenzene	11.951	146	3239	1.042	ug/l	96
89) n-Butylbenzene	12.317	91	5787	1.132	ug/l	98
90) Hexachloroethane	12.518	117	1182	1.066	ug/l	77
91) 1,2-Dichlorobenzene	12.317	146	3135	1.112	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.933	75	290	0.824	ug/l	79
93) 1,2,4-Trichlorobenzene	13.573	180	2505	1.314	ug/l	90
94) Hexachlorobutadiene	13.707	225	1658	2.385	ug/l	97
95) Naphthalene	13.762	128	5116	1.013	ug/l	98
96) 1,2,3-Trichlorobenzene	13.945	180	2006	1.147	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048229.D
Acq On : 20 Oct 2025 10:59
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

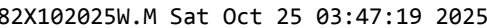
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

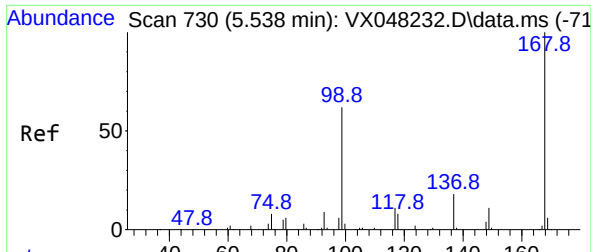
Quant Time: Oct 25 03:47:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

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

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

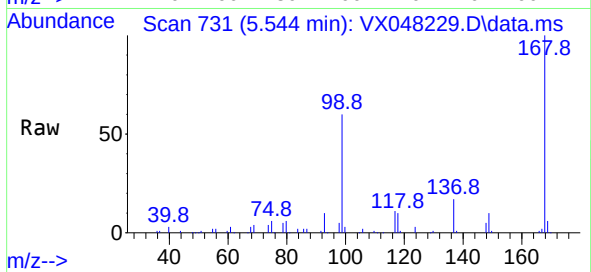
Quant Time: Oct 25 03:47:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration



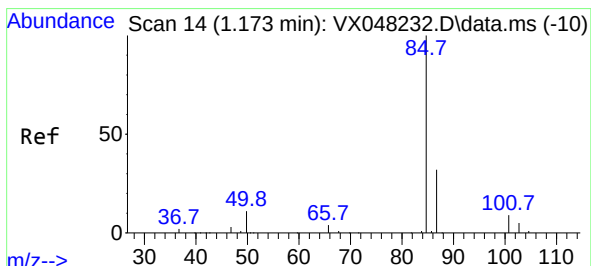
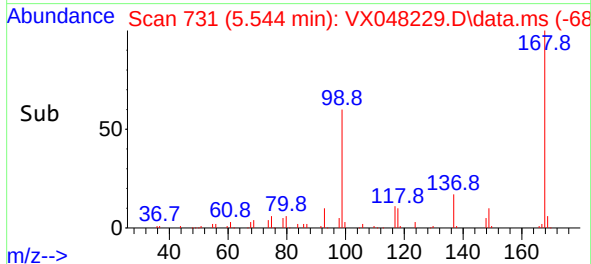
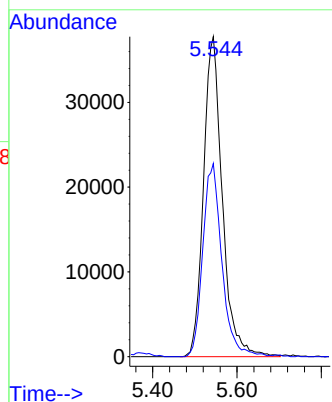


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

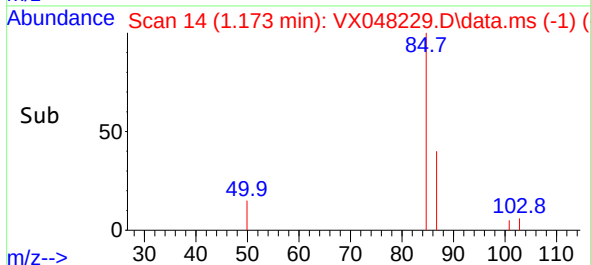
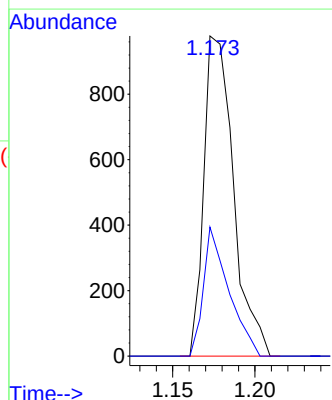
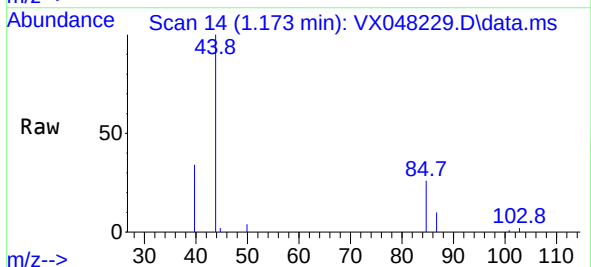


Tgt Ion:168 Resp: 117157
Ion Ratio Lower Upper
168 100
99 60.3 46.4 69.6

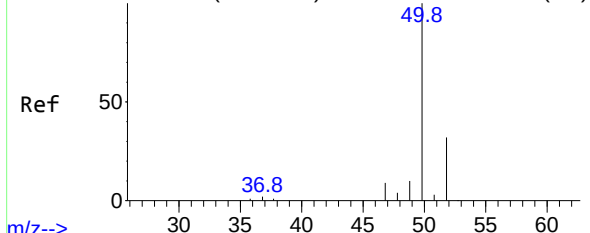


#2
Dichlorodifluoromethane
Concen: 1.015 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

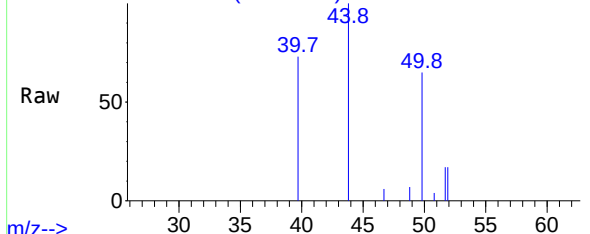
Tgt Ion: 85 Resp: 1223
Ion Ratio Lower Upper
85 100
87 40.3 15.3 45.9



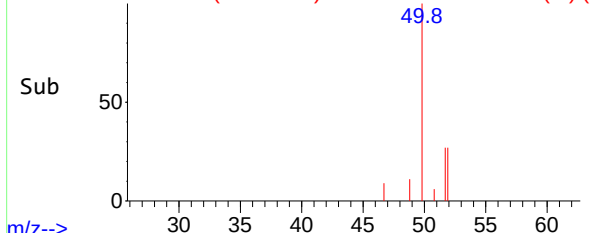
Abundance Scan 35 (1.301 min): VX048232.D\data.ms (-30)



Abundance Scan 35 (1.301 min): VX048229.D\data.ms



Abundance Scan 35 (1.301 min): VX048229.D\data.ms (-1) (



#3

Chloromethane

Concen: 1.055 ug/l

RT: 1.301 min Scan# 3

Delta R.T. 0.000 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

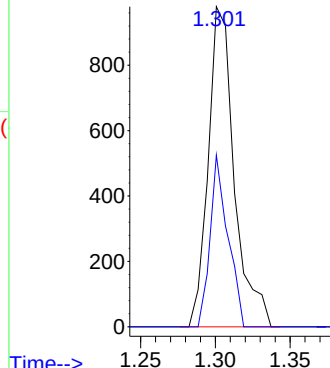
Tgt Ion: 50 Resp: 1186

Ion Ratio Lower Upper

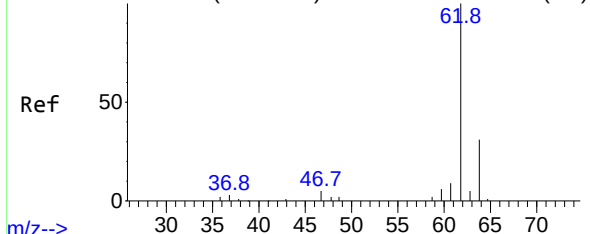
50 100

52 53.6 25.9 38.9#

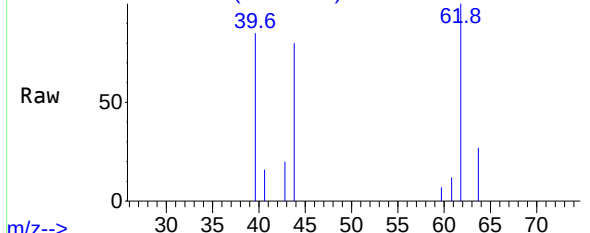
Abundance



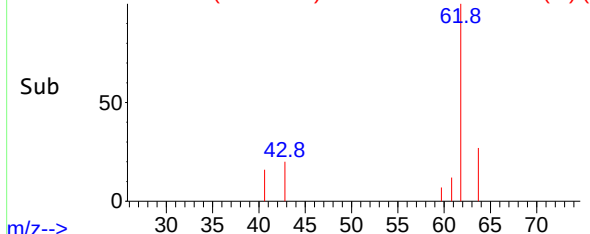
Abundance Scan 48 (1.380 min): VX048232.D\data.ms (-43)



Abundance Scan 48 (1.380 min): VX048229.D\data.ms



Abundance Scan 48 (1.380 min): VX048229.D\data.ms (-1) (



#4

Vinyl Chloride

Concen: 1.007 ug/l

RT: 1.380 min Scan# 48

Delta R.T. 0.000 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

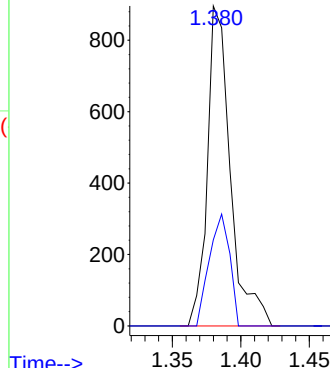
Tgt Ion: 62 Resp: 1048

Ion Ratio Lower Upper

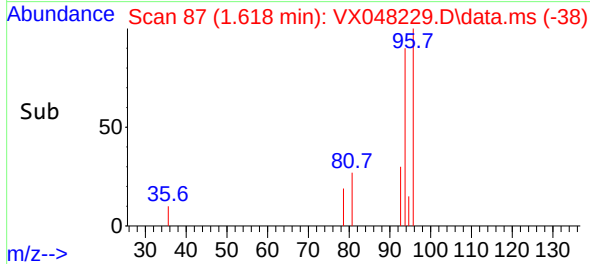
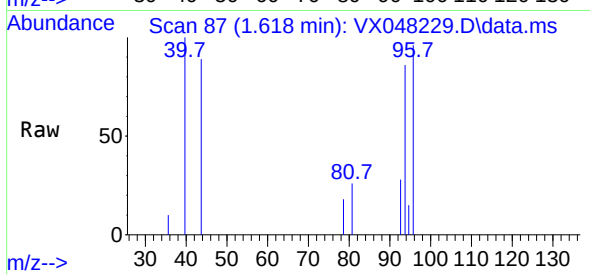
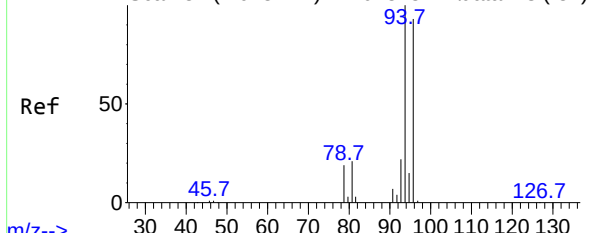
62 100

64 26.9 25.1 37.7

Abundance



Abundance Scan 87 (1.618 min): VX048232.D\data.ms (-81)



#5

Bromomethane

Concen: 1.455 ug/l

RT: 1.618 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

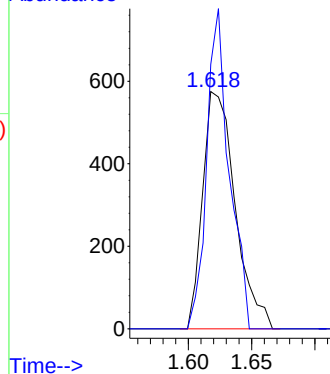
Tgt Ion: 94 Resp: 1028

Ion Ratio Lower Upper

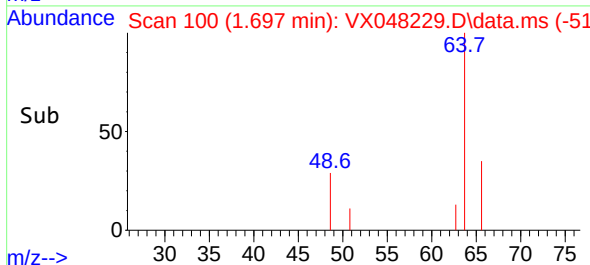
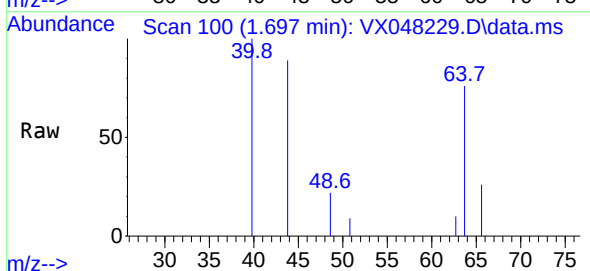
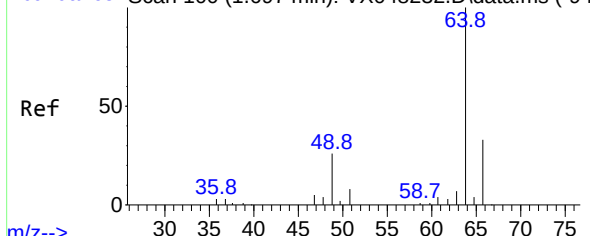
94 100

96 95.4 76.0 114.0

Abundance



Abundance Scan 100 (1.697 min): VX048232.D\data.ms (-94)



#6

Chloroethane

Concen: 0.891 ug/l

RT: 1.697 min Scan# 100

Delta R.T. 0.000 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

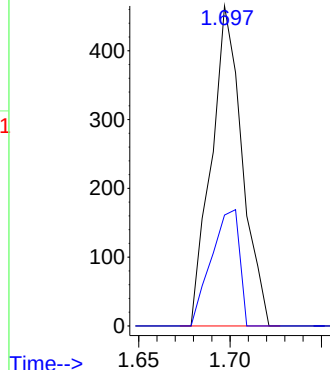
Tgt Ion: 64 Resp: 545

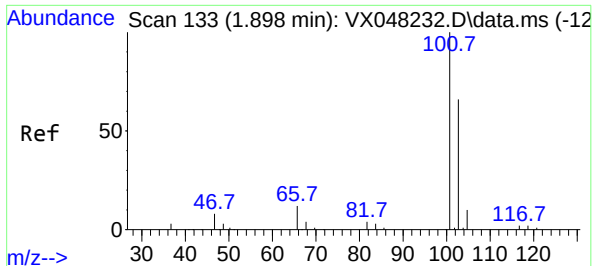
Ion Ratio Lower Upper

64 100

66 34.6 23.9 35.9

Abundance

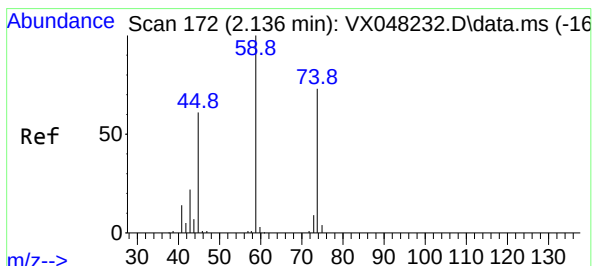
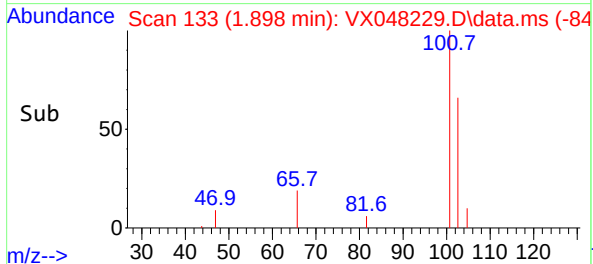
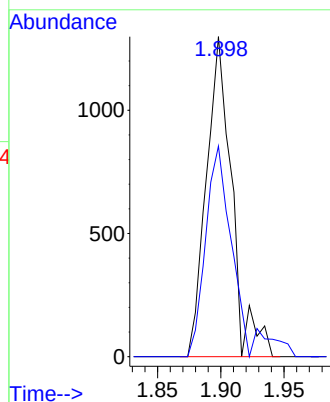
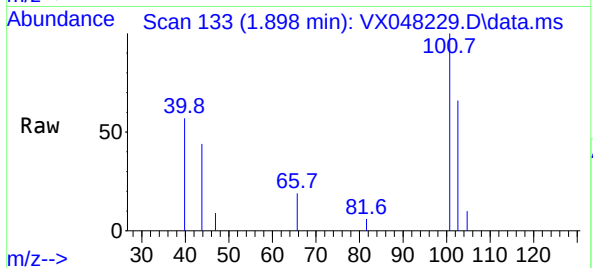




#7
Trichlorofluoromethane
Concen: 0.911 ug/l
RT: 1.898 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

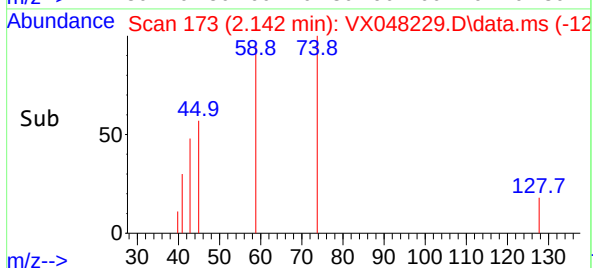
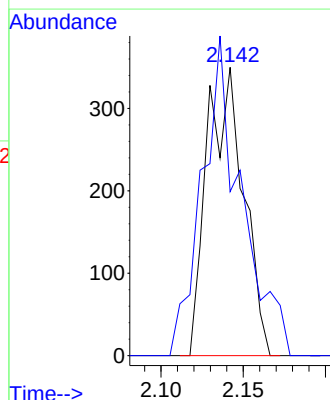
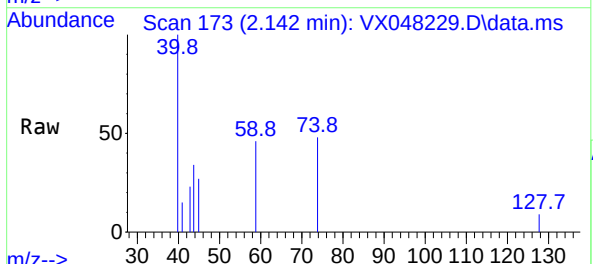
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

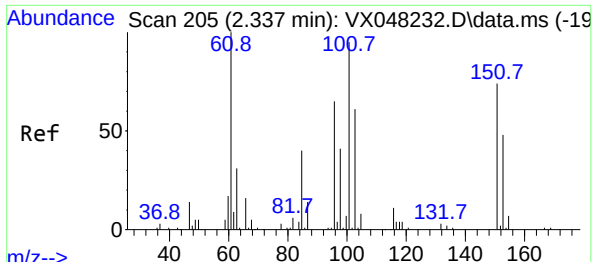
Tgt Ion:101 Resp: 1819
Ion Ratio Lower Upper
101 100
103 65.8 51.6 77.4



#8
Diethyl Ether
Concen: 0.965 ug/l
RT: 2.142 min Scan# 173
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 74 Resp: 542
Ion Ratio Lower Upper
74 100
45 118.5 50.0 149.8



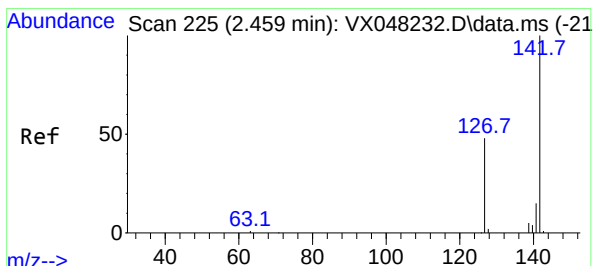
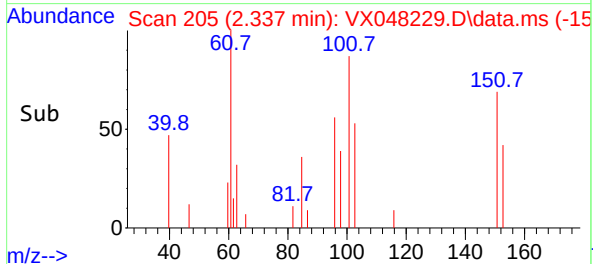
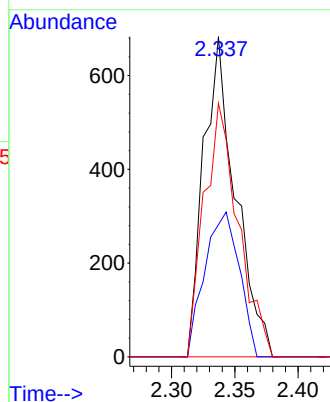
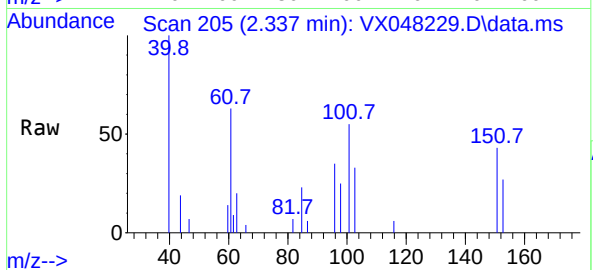


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.948 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:101 Resp: 1199

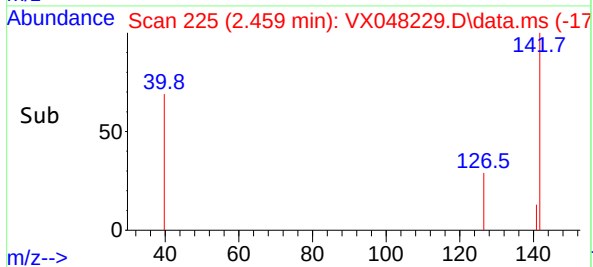
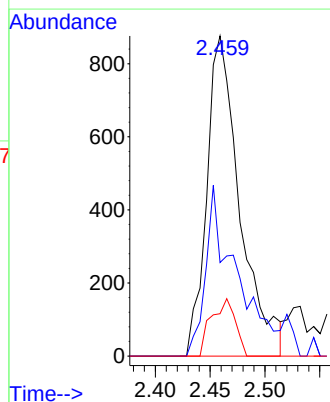
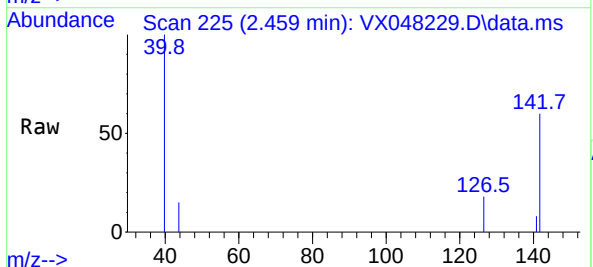
Ion	Ratio	Lower	Upper
101	100		
85	48.9	35.6	53.4
151	84.2	58.0	87.0

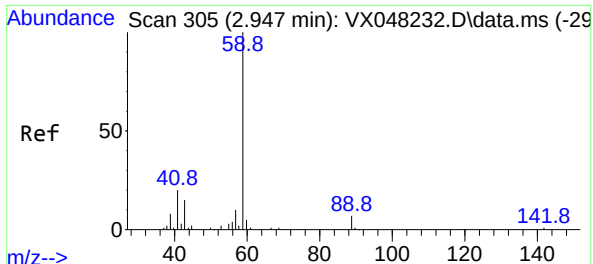


#10
Methyl Iodide
Concen: 1.162 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:142 Resp: 1847

Ion	Ratio	Lower	Upper
142	100		
127	48.5	38.5	57.7
141	12.9	11.6	17.4





#11

Tert butyl alcohol

Concen: 5.144 ug/l

RT: 2.953 min Scan# 305

Delta R.T. 0.012 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

Instrument :

MSVOA_X

ClientSampleId :

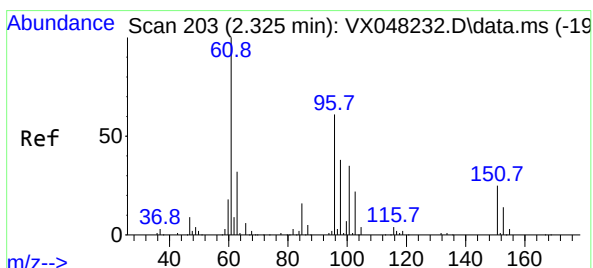
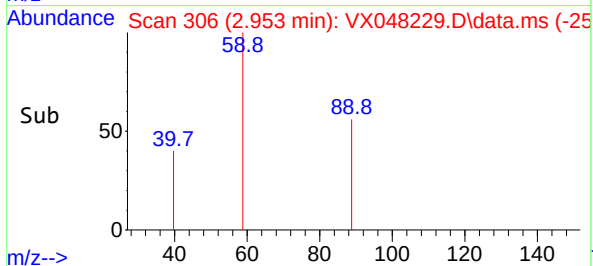
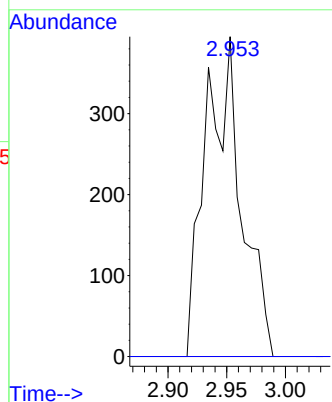
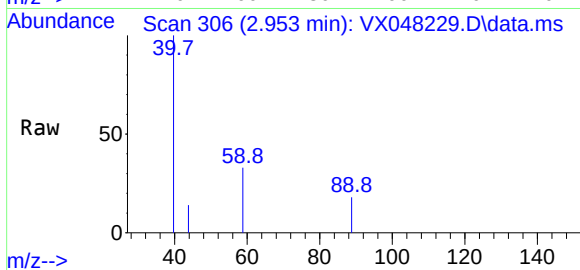
VSTDIC001

Tgt Ion: 59 Resp: 839

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#12

1,1-Dichloroethene

Concen: 0.981 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.000 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

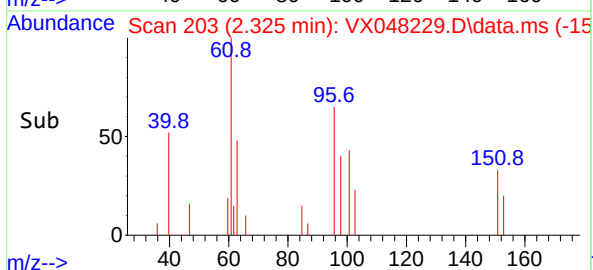
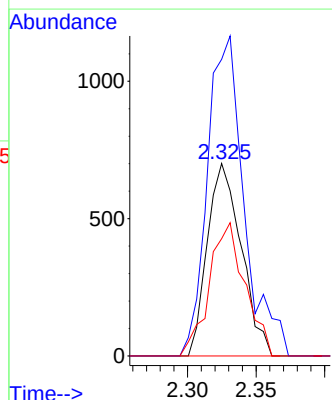
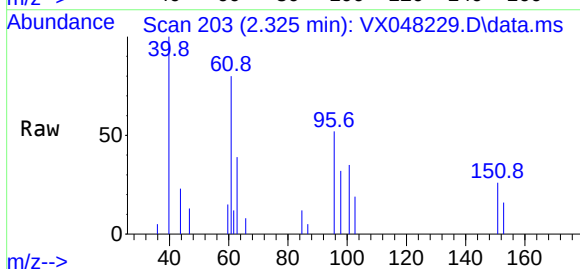
Tgt Ion: 96 Resp: 1207

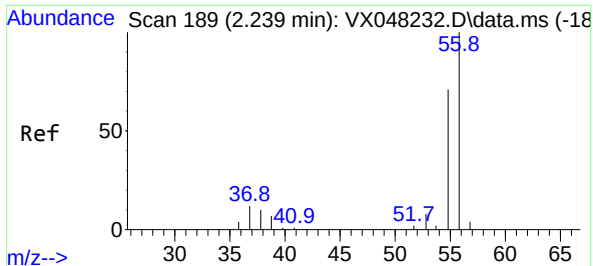
Ion Ratio Lower Upper

96 100

61 154.1 139.0 208.6

98 60.9 52.4 78.6

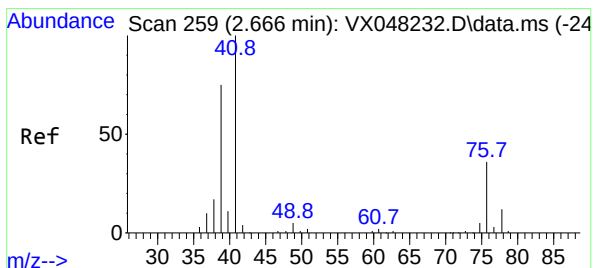
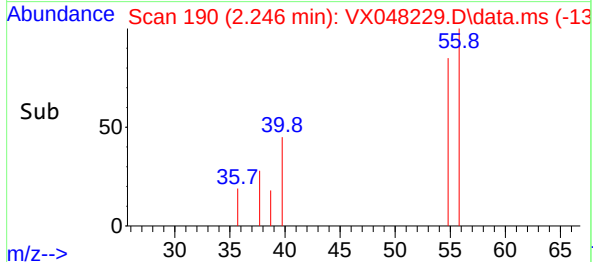
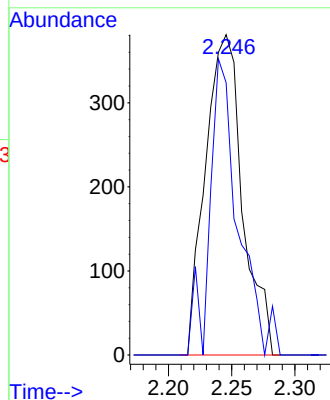
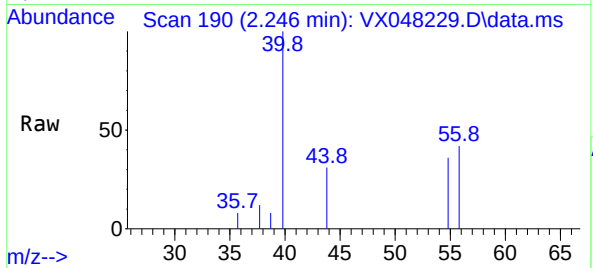




#13
Acrolein
Concen: 4.689 ug/l
RT: 2.246 min Scan# 189
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

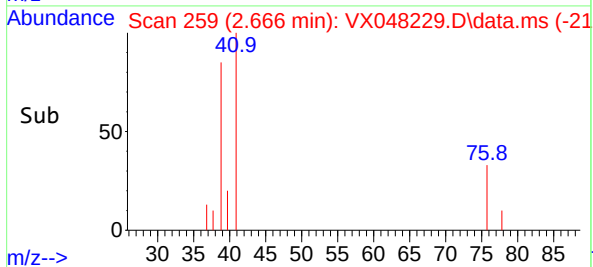
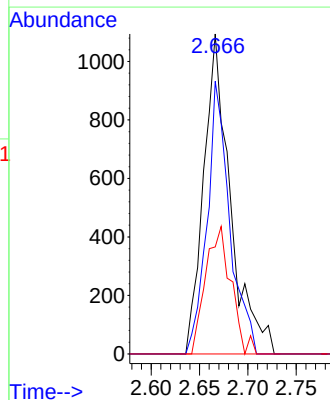
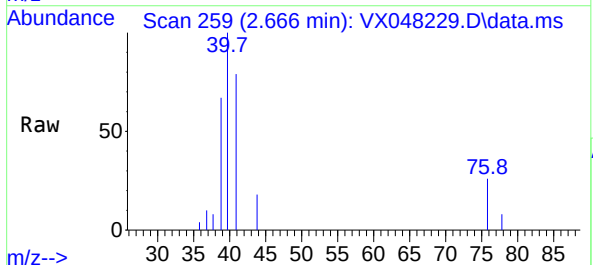
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

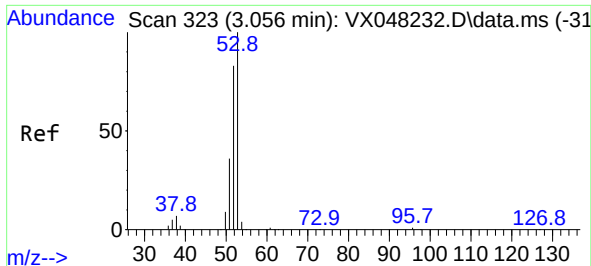
Tgt Ion: 56 Resp: 780
Ion Ratio Lower Upper
56 100
55 71.0 56.1 84.1



#14
Allyl chloride
Concen: 1.029 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 41 Resp: 2101
Ion Ratio Lower Upper
41 100
39 72.1 56.0 84.0
76 37.8 27.5 41.3

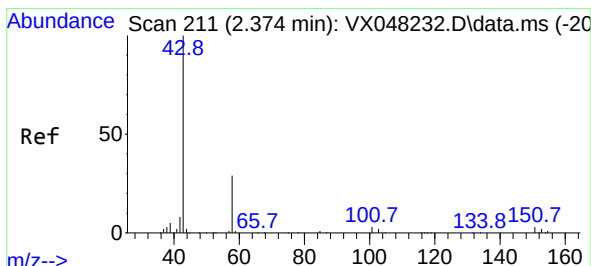
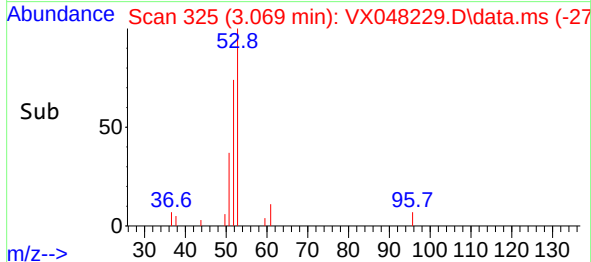
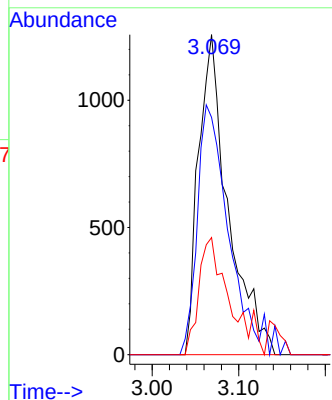
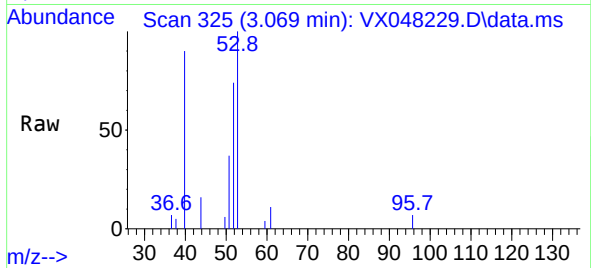




#15
Acrylonitrile
Concen: 5.074 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

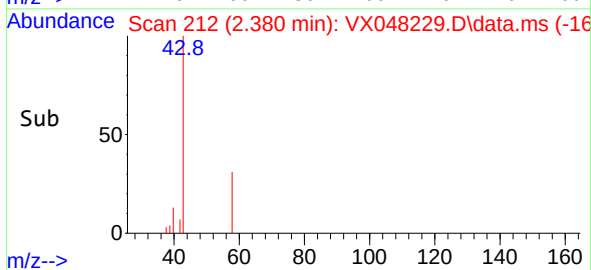
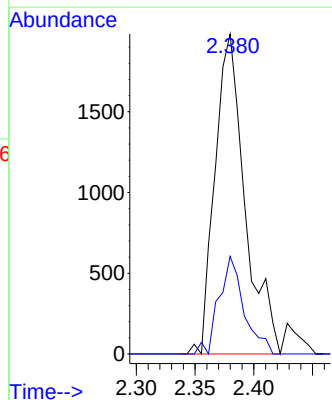
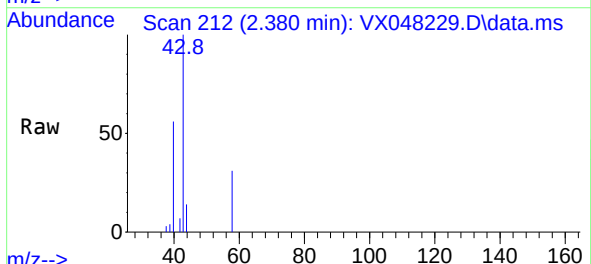
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

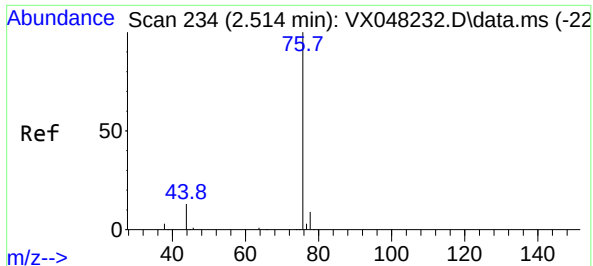
Tgt Ion: 53 Resp: 2984
Ion Ratio Lower Upper
53 100
52 80.3 66.1 99.1
51 37.8 29.0 43.4



#16
Acetone
Concen: 6.245 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 43 Resp: 3519
Ion Ratio Lower Upper
43 100
58 30.5 23.4 35.2

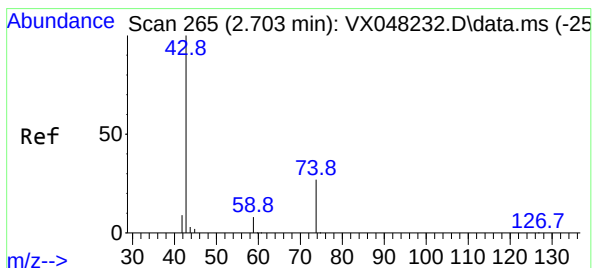
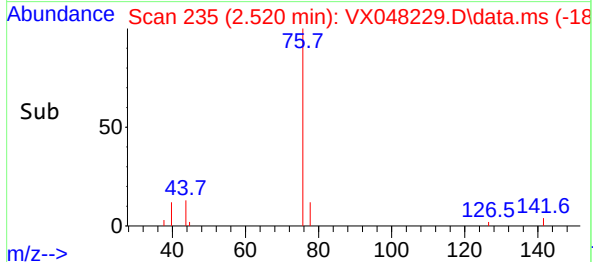
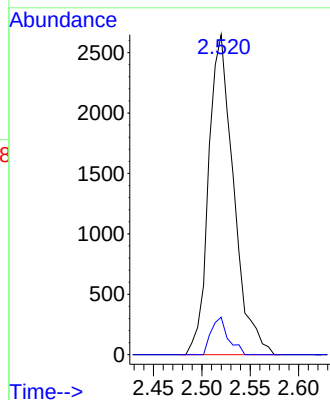
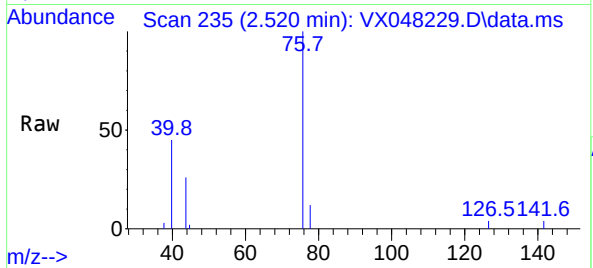




#17
Carbon Disulfide
Concen: 1.230 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

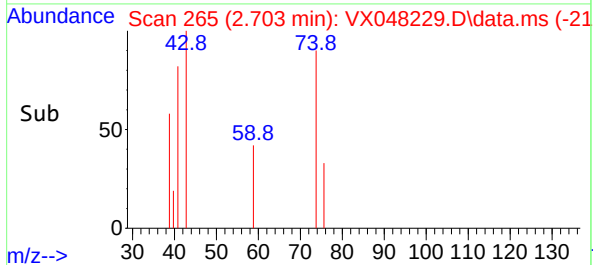
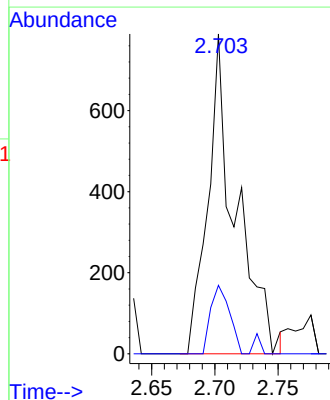
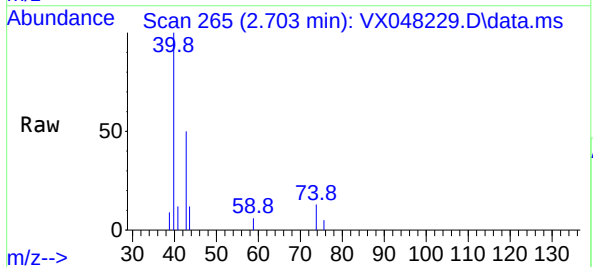
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

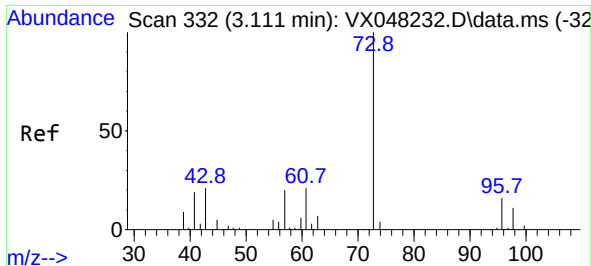
Tgt Ion: 76 Resp: 4767
Ion Ratio Lower Upper
76 100
78 11.7 7.1 10.7#



#18
Methyl Acetate
Concen: 1.023 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 43 Resp: 1204
Ion Ratio Lower Upper
43 100
74 14.6 17.5 26.3#

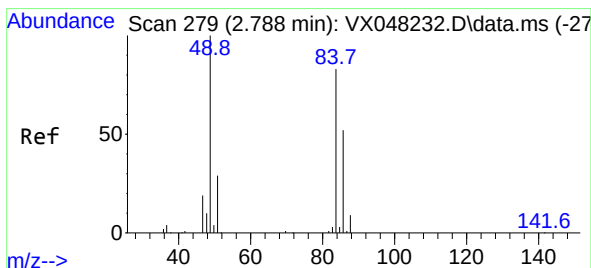
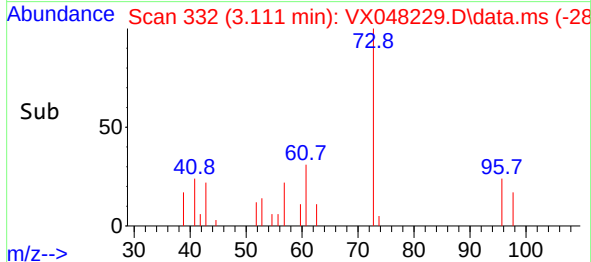
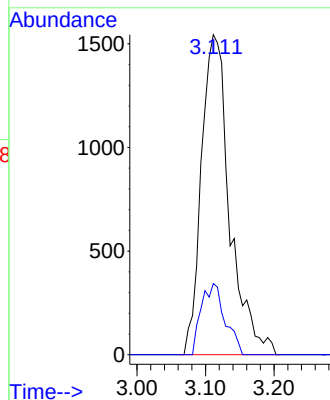
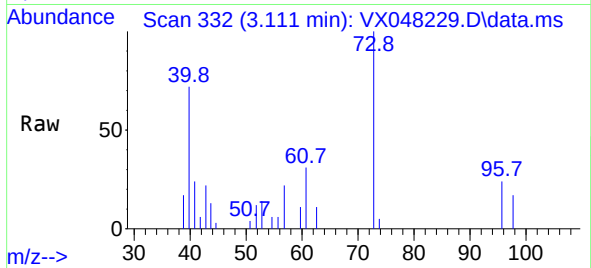




#19
Methyl tert-butyl Ether
Concen: 1.057 ug/l
RT: 3.111 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

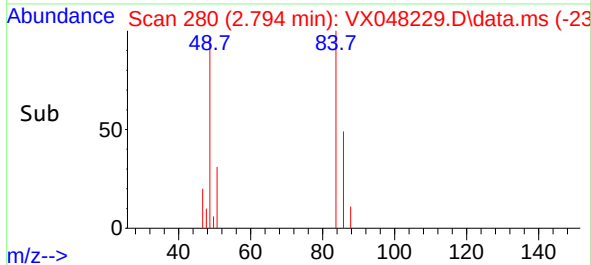
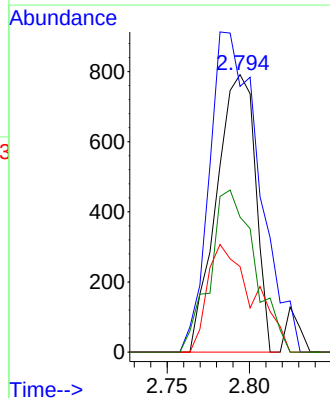
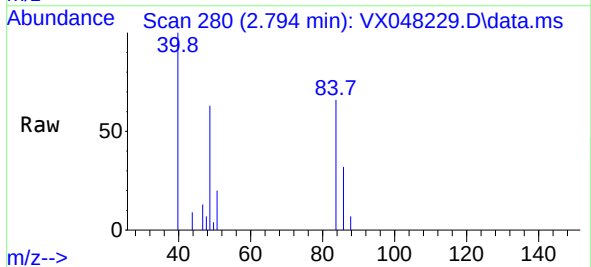
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

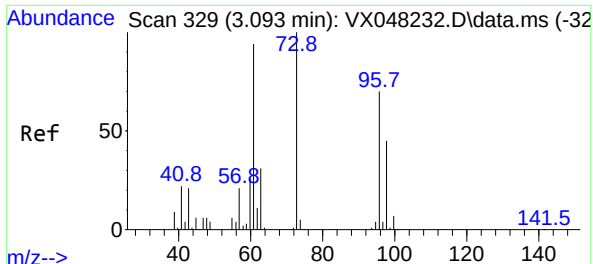
Tgt Ion: 73 Resp: 4437
Ion Ratio Lower Upper
73 100
57 22.2 17.7 26.5



#20
Methylene Chloride
Concen: 0.948 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 84 Resp: 1301
Ion Ratio Lower Upper
84 100
49 95.8 104.1 156.1#
51 30.8 31.3 46.9#
86 48.7 51.3 76.9#

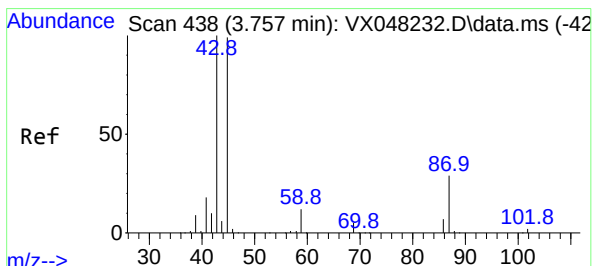
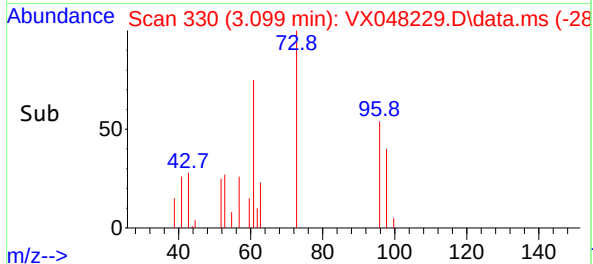
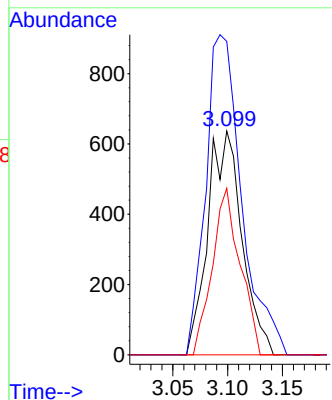
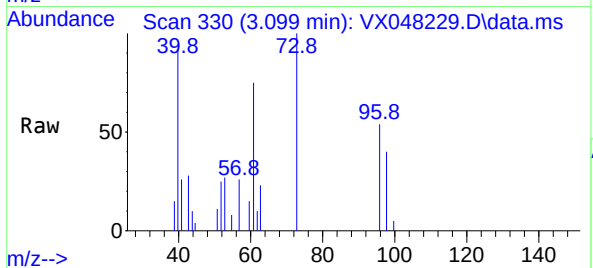




#21
trans-1,2-Dichloroethene
Concen: 1.018 ug/l
RT: 3.099 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

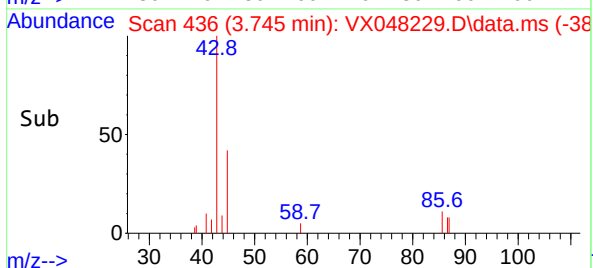
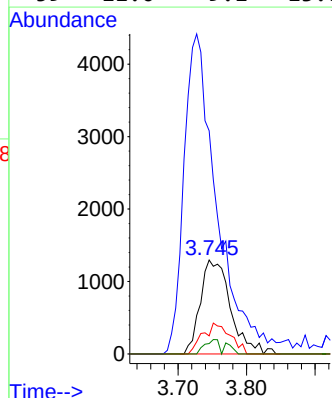
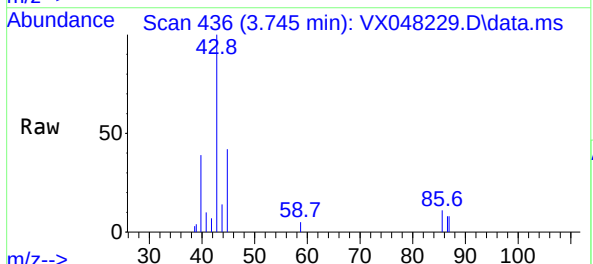
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

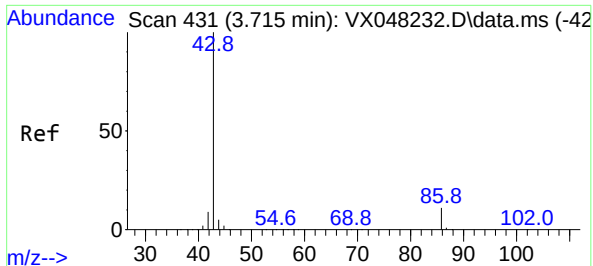
Tgt Ion: 96 Resp: 1376
Ion Ratio Lower Upper
96 100
61 140.0 111.9 167.9
98 74.4 51.2 76.8



#22
Diisopropyl ether
Concen: 0.976 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 45 Resp: 3977
Ion Ratio Lower Upper
45 100
43 213.9 89.8 134.8#
87 19.2 20.6 31.0#
59 11.0 9.1 13.7

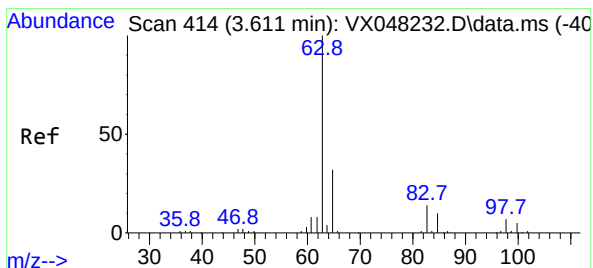
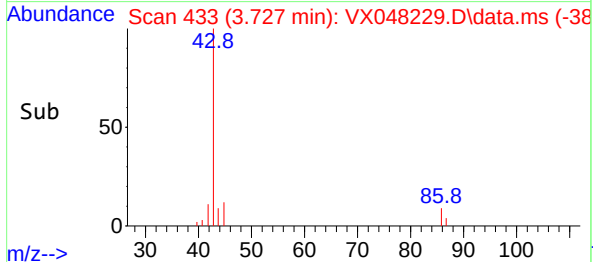
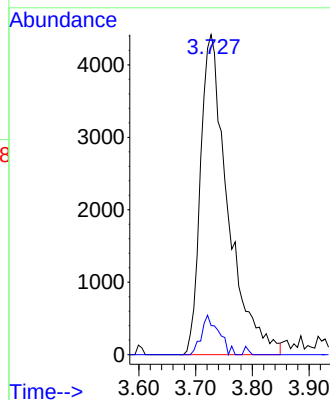
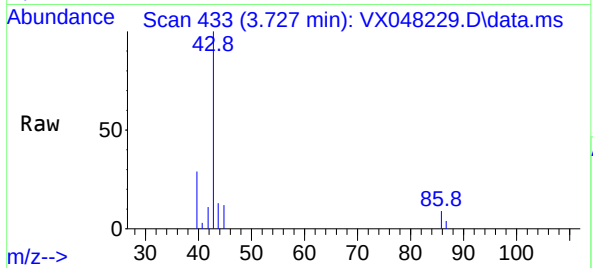




#23
 Vinyl Acetate
 Concen: 4.539 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.012 min
 Lab File: VX048229.D
 Acq: 20 Oct 2025 10:59

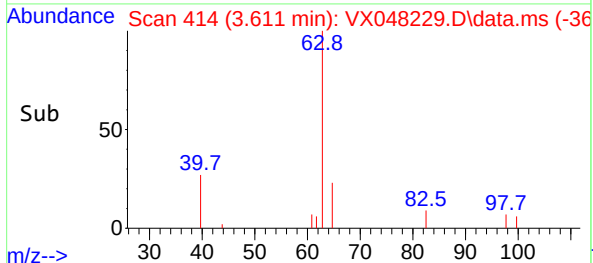
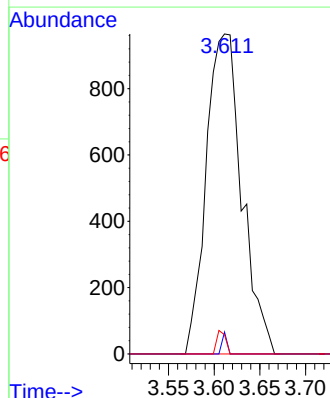
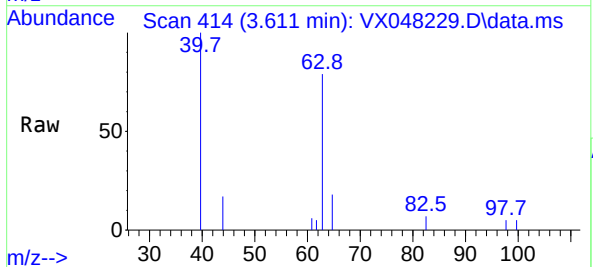
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

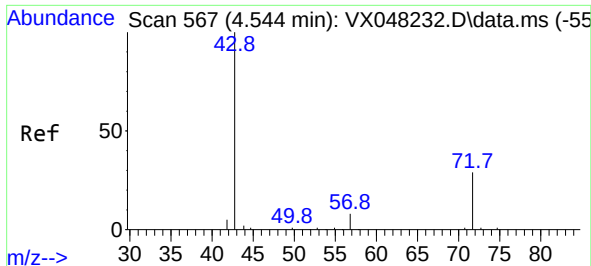
Tgt Ion: 43 Resp: 14769
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 1.062 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX048229.D
 Acq: 20 Oct 2025 10:59

Tgt Ion: 63 Resp: 2615
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.6
 100 6.0 2.1 6.3

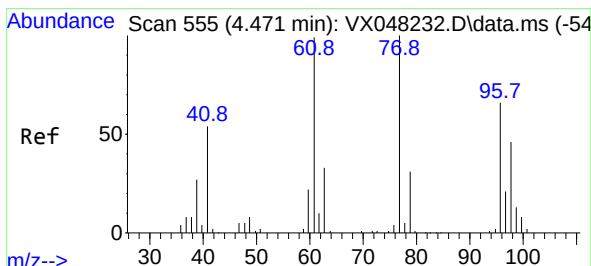
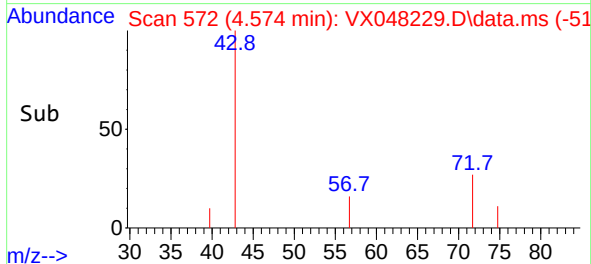
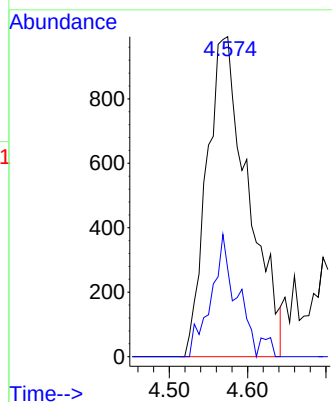
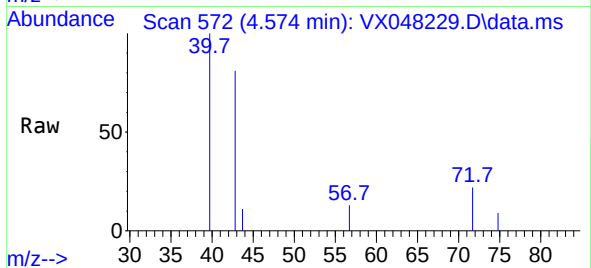




#25
2-Butanone
Concen: 5.100 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.037 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

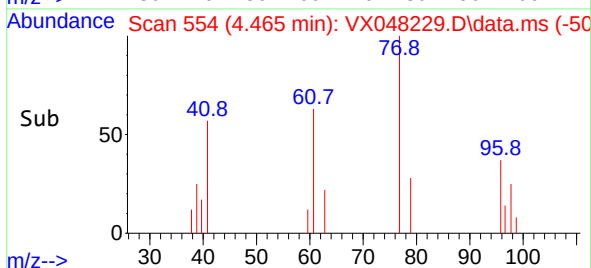
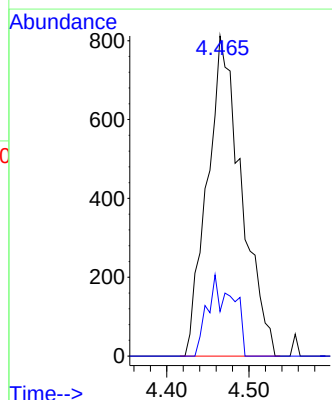
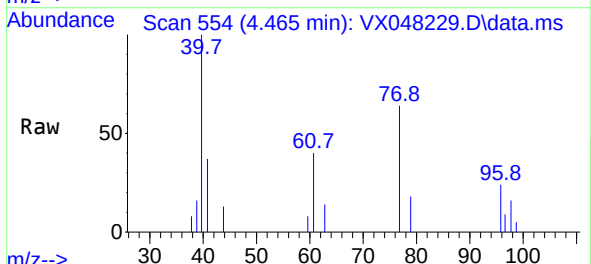
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

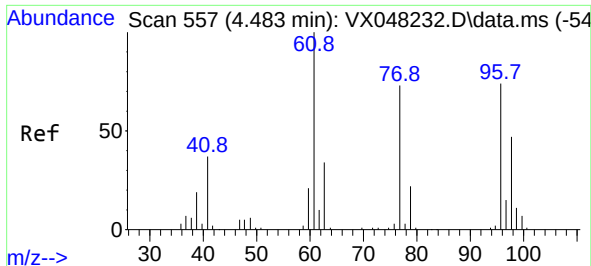
Tgt Ion: 43 Resp: 3638
Ion Ratio Lower Upper
43 100
72 24.0 19.9 29.9



#26
2,2-Dichloropropane
Concen: 1.056 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 77 Resp: 2347
Ion Ratio Lower Upper
77 100
97 14.3 11.1 33.3

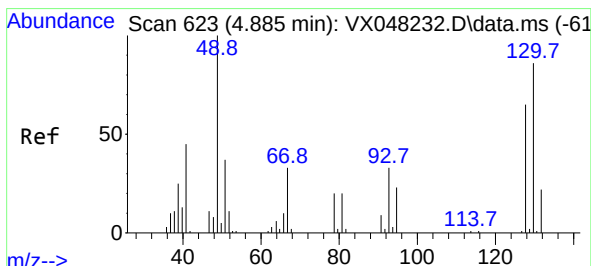
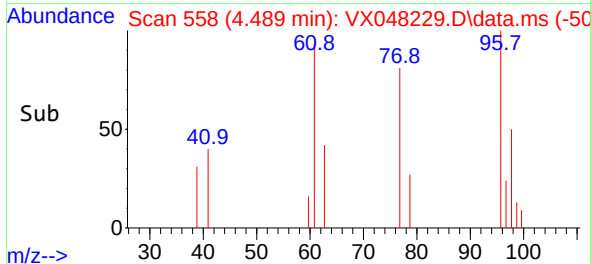
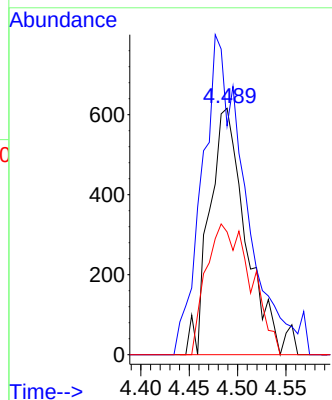
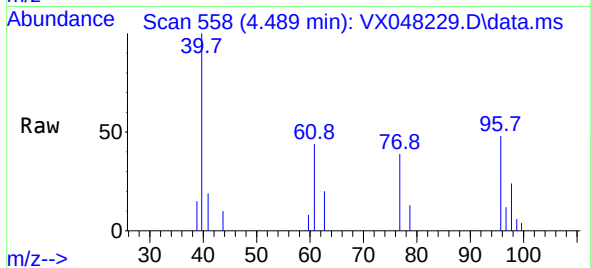




#27
cis-1,2-Dichloroethene
Concen: 1.013 ug/l
RT: 4.489 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

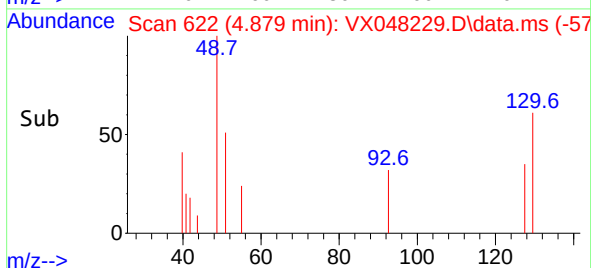
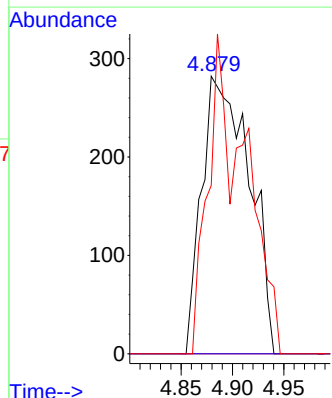
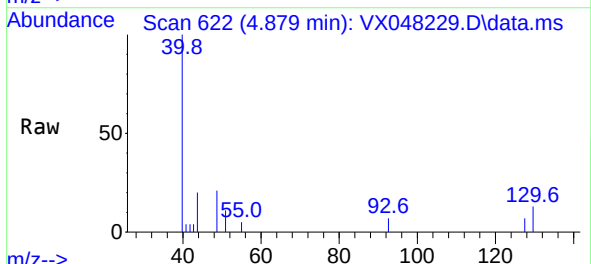
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

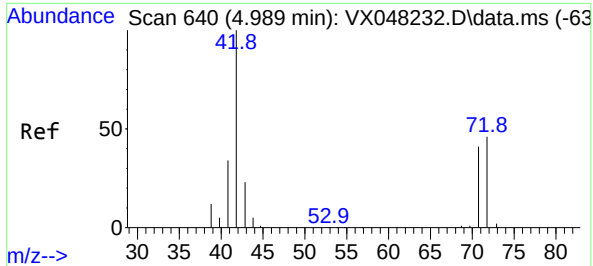
Tgt Ion: 96 Resp: 1598
Ion Ratio Lower Upper
96 100
61 156.9 0.0 294.2
98 65.8 0.0 128.4



#28
Bromochloromethane
Concen: 0.889 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 49 Resp: 908
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.4
130 47.0 59.3 88.9#

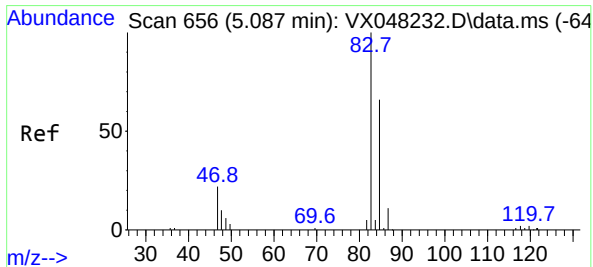
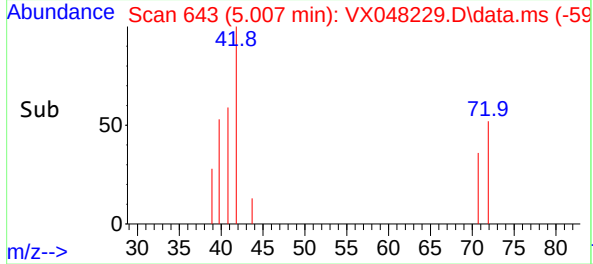
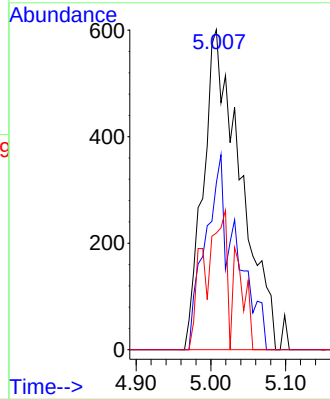
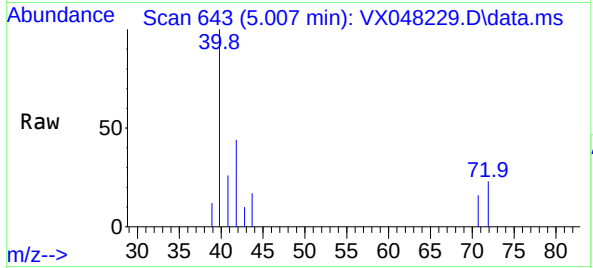




#29
Tetrahydrofuran
Concen: 4.888 ug/l
RT: 5.007 min Scan# 64
Delta R.T. 0.018 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

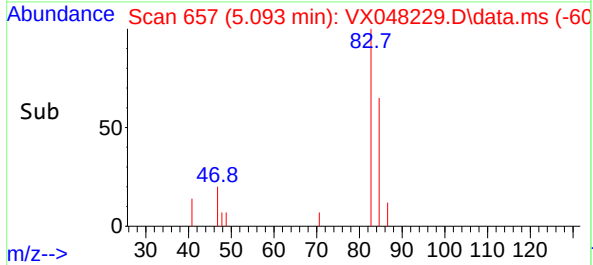
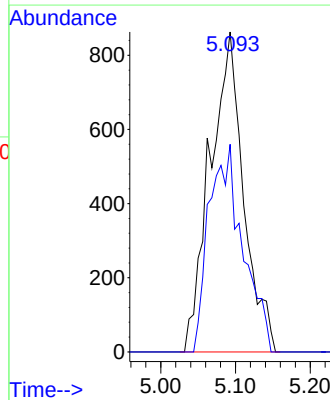
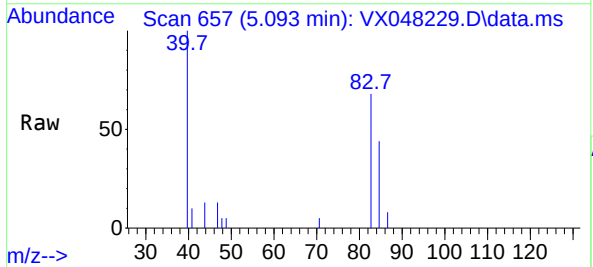
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

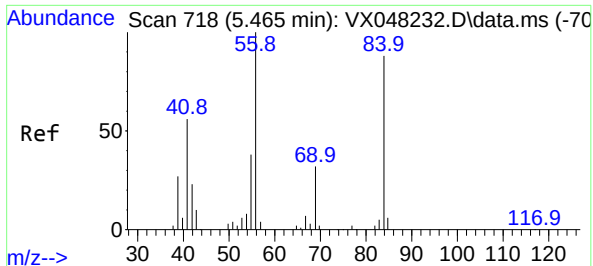
Tgt Ion: 42 Resp: 2088
Ion Ratio Lower Upper
42 100
72 34.1 35.3 52.9#
71 16.2 32.2 48.4#



#30
Chloroform
Concen: 1.022 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 83 Resp: 2688
Ion Ratio Lower Upper
83 100
85 64.9 50.1 75.1

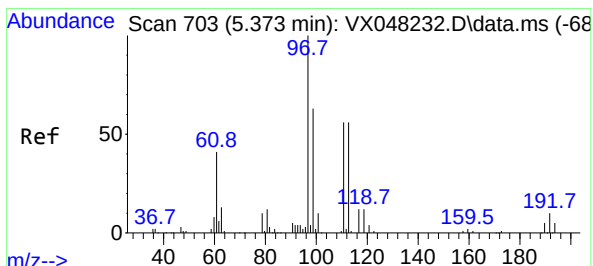
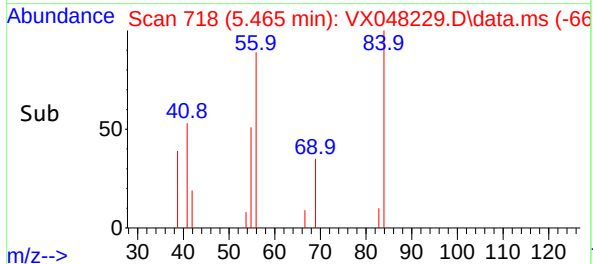
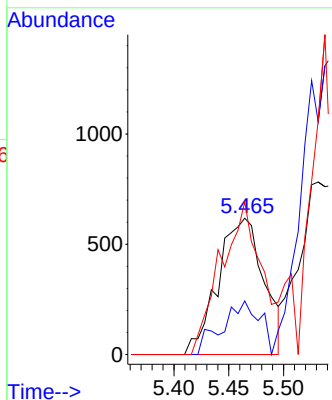
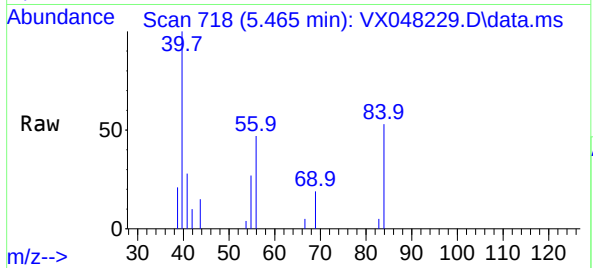




#31
Cyclohexane
Concen: 0.881 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

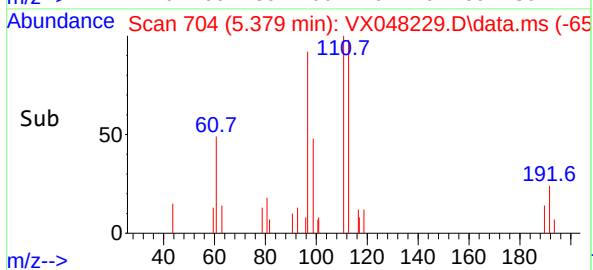
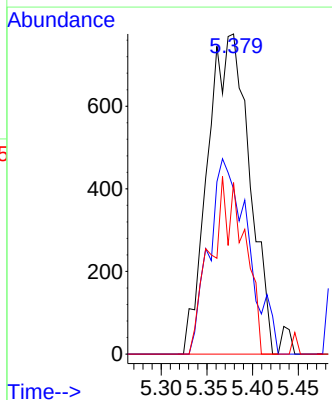
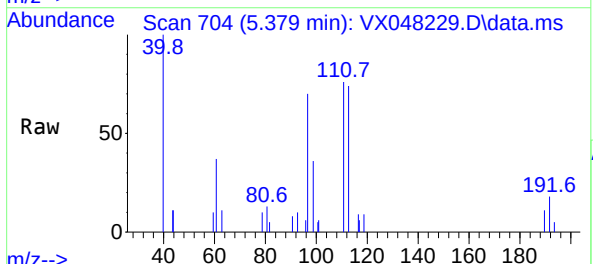
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

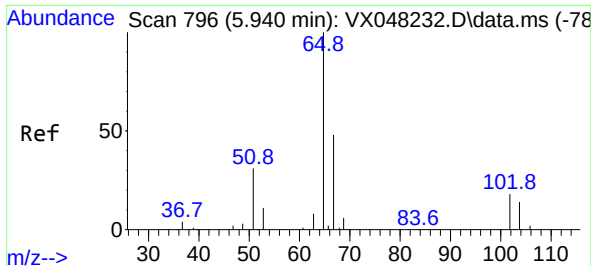
Tgt Ion: 56 Resp: 1796
Ion Ratio Lower Upper
56 100
69 39.3 23.0 34.6#
84 112.0 64.6 97.0#



#32
1,1,1-Trichloroethane
Concen: 1.014 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 97 Resp: 2459
Ion Ratio Lower Upper
97 100
99 0.0 51.7 77.5#
61 44.9 34.8 52.2

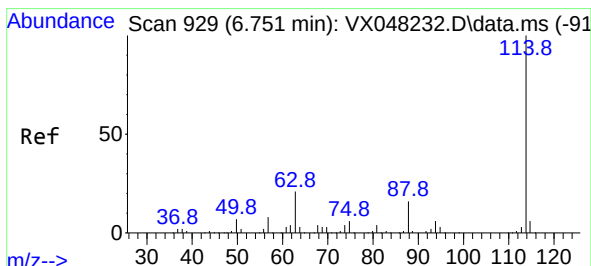
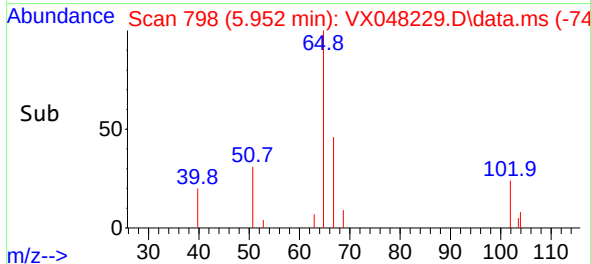
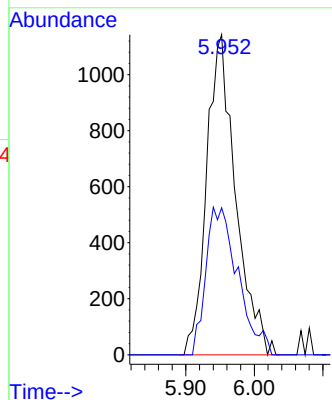
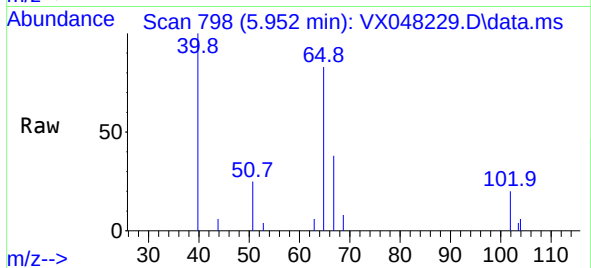




#33
1,2-Dichloroethane-d4
Concen: 2.047 ug/l
RT: 5.952 min Scan# 796
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

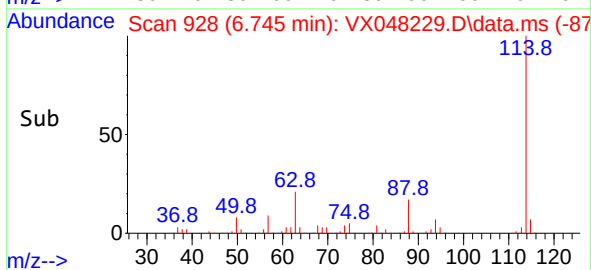
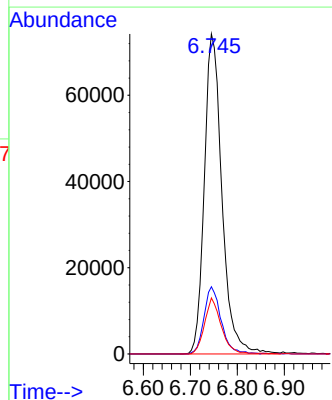
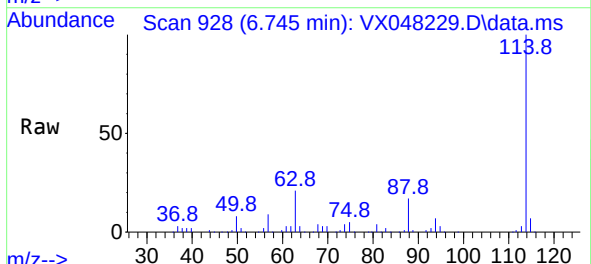
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

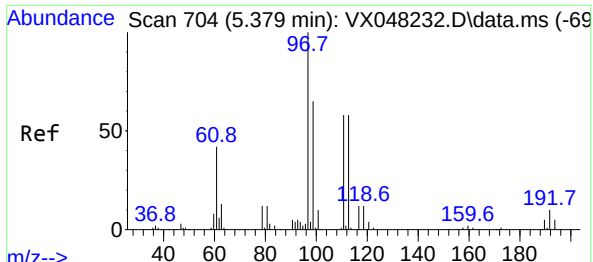
Tgt Ion: 65 Resp: 3362
Ion Ratio Lower Upper
65 100
67 50.9 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 114 Resp: 193186
Ion Ratio Lower Upper
114 100
63 21.0 0.0 43.2
88 17.5 0.0 33.6



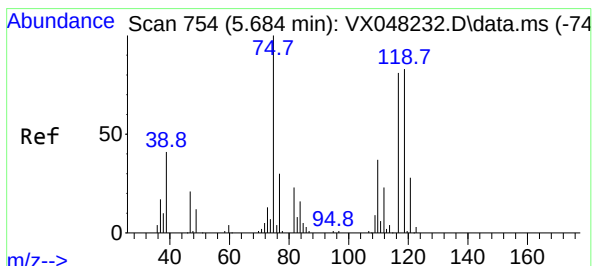
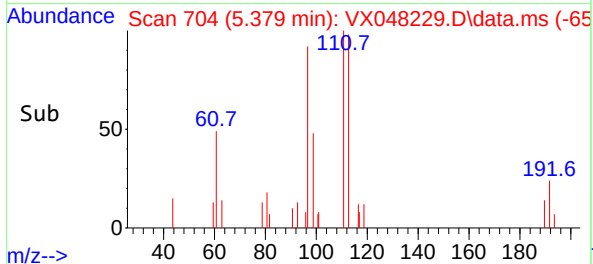
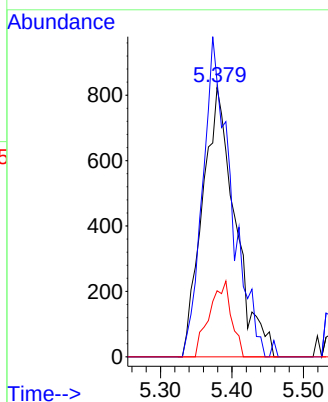
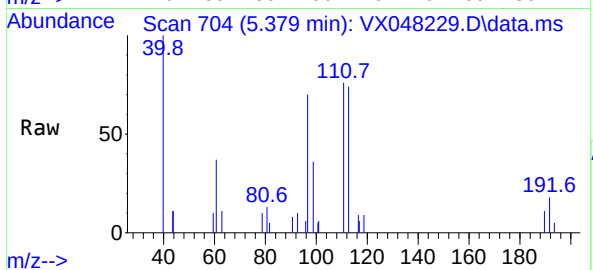


#35
Dibromofluoromethane
Concen: 1.983 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 113 Resp: 2615

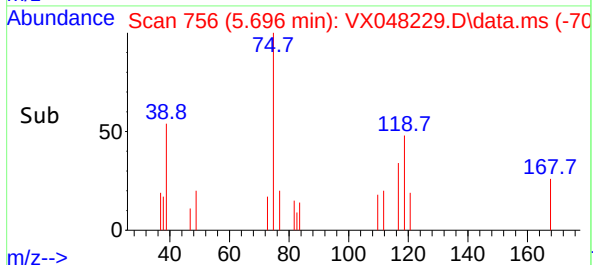
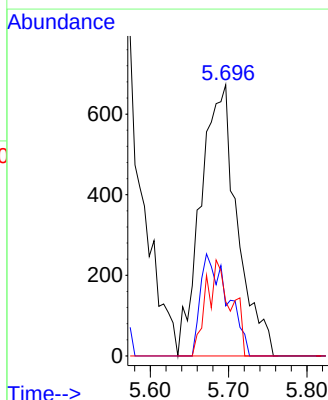
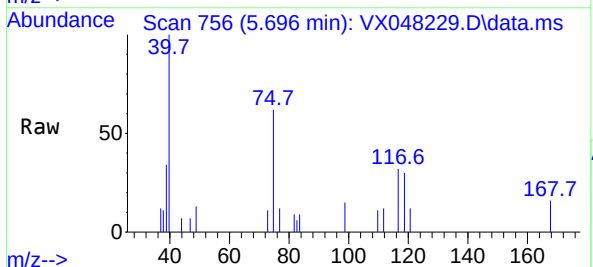
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.2	123.4
192	18.8	15.1	22.7

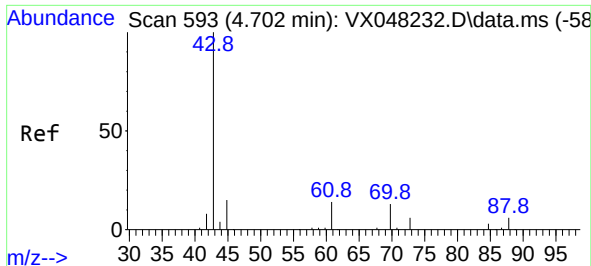


#36
1,1-Dichloropropene
Concen: 1.159 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 75 Resp: 2173

Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.7	53.1#
77	23.9	24.3	36.5#





#37

Ethyl Acetate

Concen: 0.827 ug/l

RT: 4.727 min Scan# 597

Delta R.T. 0.031 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

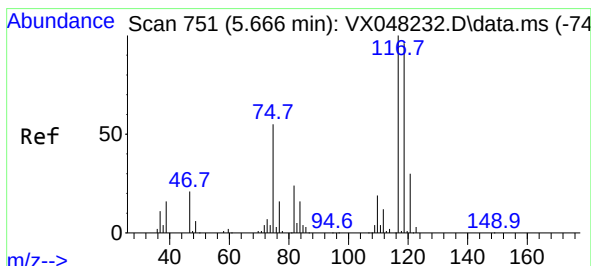
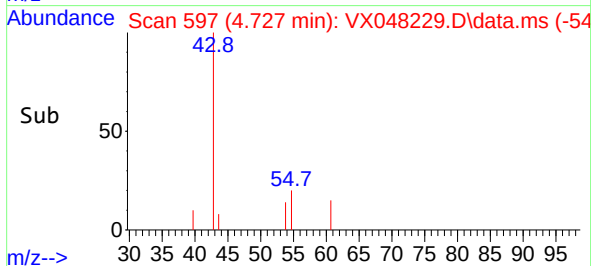
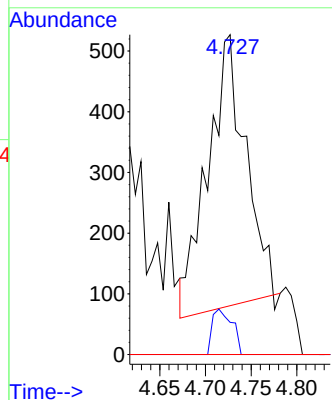
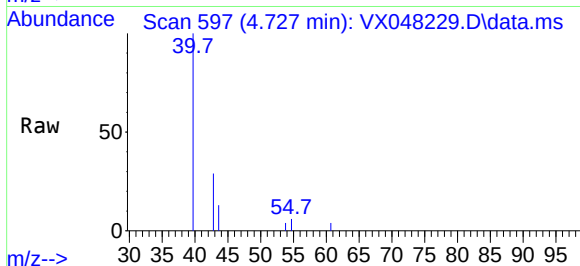
Tgt Ion: 43 Resp: 1285

Ion Ratio Lower Upper

43 100

61 8.8 10.6 15.8#

70 0.0 7.8 11.6#



#38

Carbon Tetrachloride

Concen: 0.347 ug/l

RT: 5.660 min Scan# 750

Delta R.T. -0.006 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

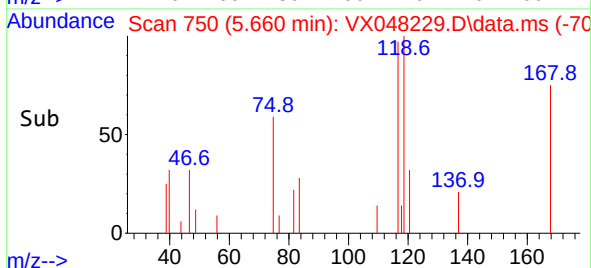
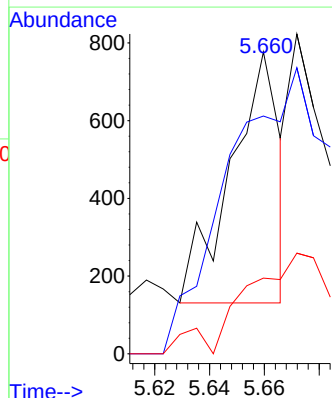
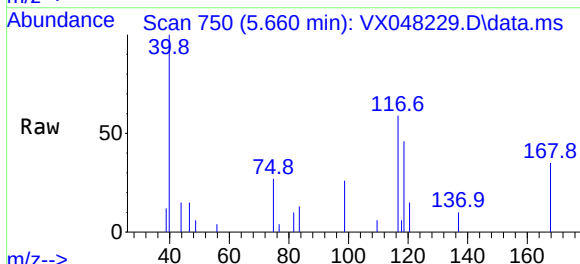
Tgt Ion: 117 Resp: 802

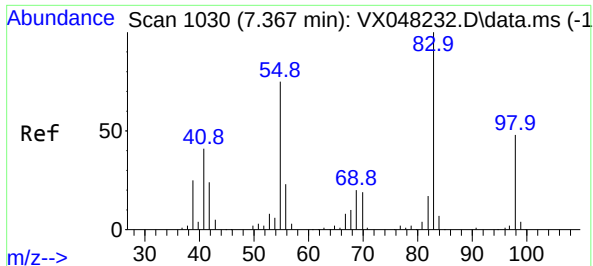
Ion Ratio Lower Upper

117 100

119 71.7 77.2 115.8#

121 22.4 24.8 37.2#





#39

Methylcyclohexane

Concen: 0.961 ug/l

RT: 7.373 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

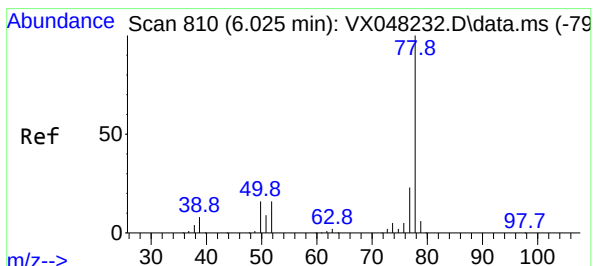
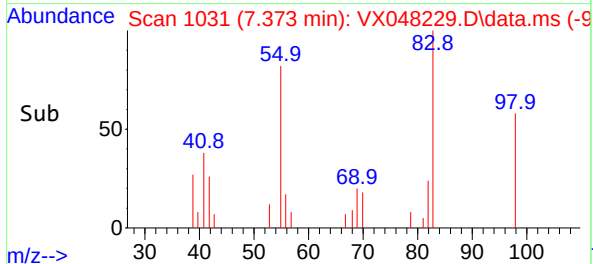
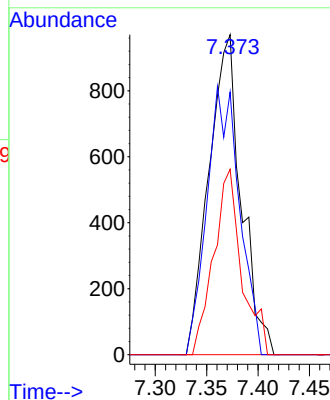
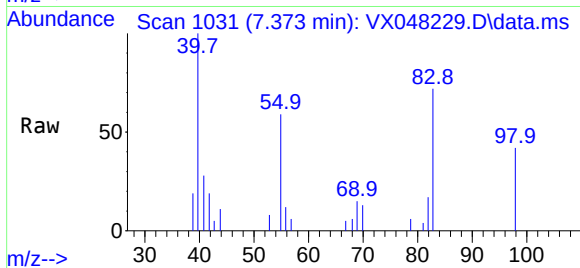
Tgt Ion: 83 Resp: 2128

Ion Ratio Lower Upper

83 100

55 82.1 66.2 99.2

98 57.9 38.9 58.3



#40

Benzene

Concen: 1.060 ug/l

RT: 6.032 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX048229.D

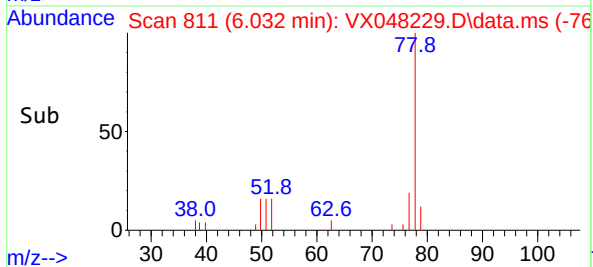
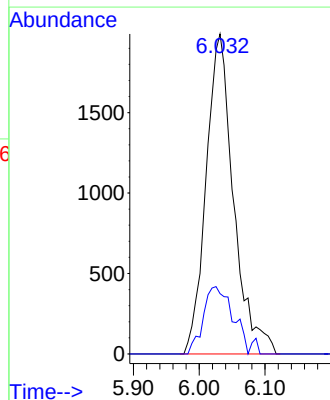
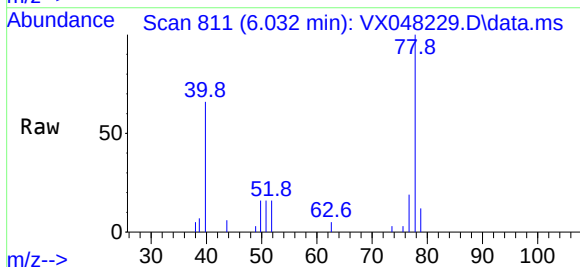
Acq: 20 Oct 2025 10:59

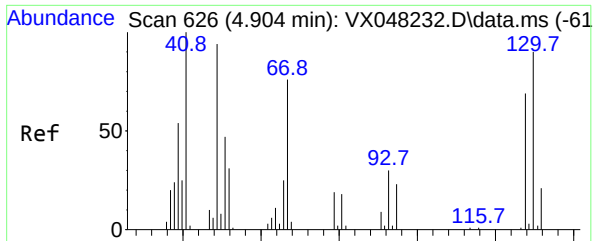
Tgt Ion: 78 Resp: 5767

Ion Ratio Lower Upper

78 100

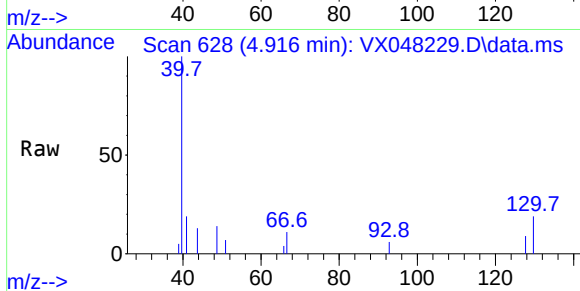
77 18.9 19.3 28.9#





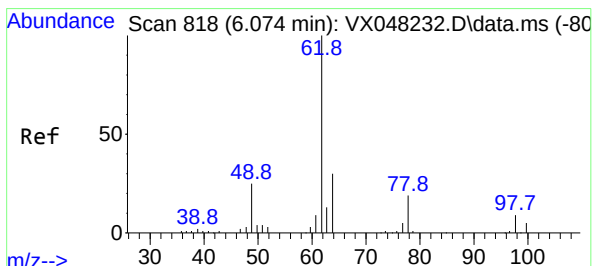
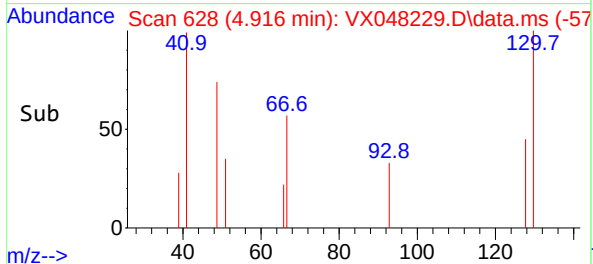
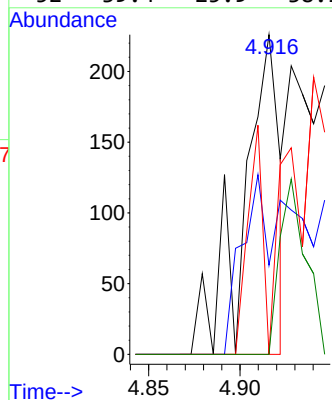
#41
Methacrylonitrile
Concen: 0.382 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion: 41 Resp: 312

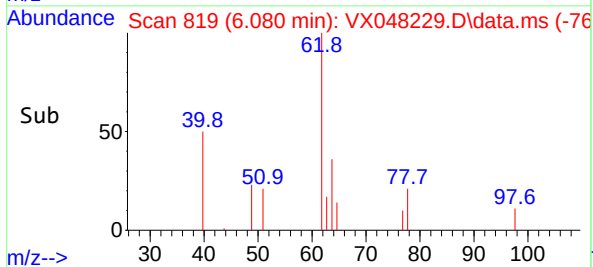
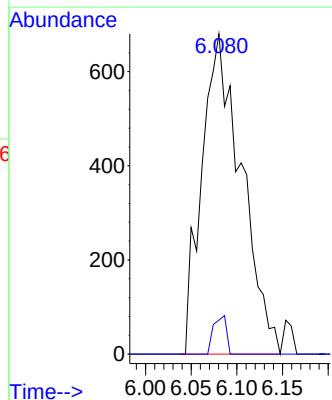
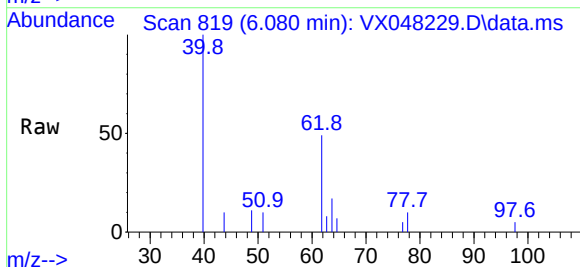
Ion	Ratio	Lower	Upper
41	100		
39	40.4	44.0	66.0#
67	29.2	58.7	88.1#
52	39.4	25.9	38.9#

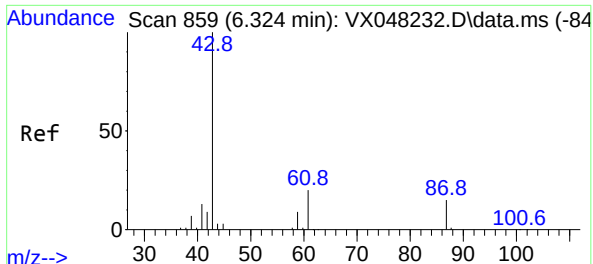


#42
1,2-Dichloroethane
Concen: 1.018 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 62 Resp: 2044

Ion	Ratio	Lower	Upper
62	100		
98	3.9	0.0	17.2





#43

Isopropyl Acetate

Concen: 0.998 ug/l

RT: 6.336 min Scan# 8

Delta R.T. 0.012 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

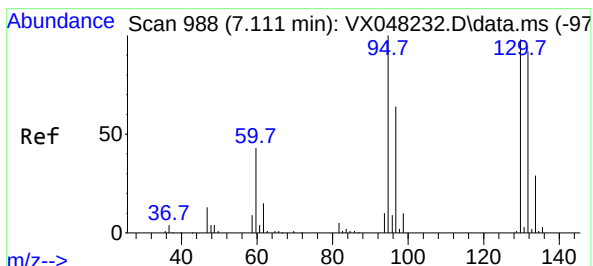
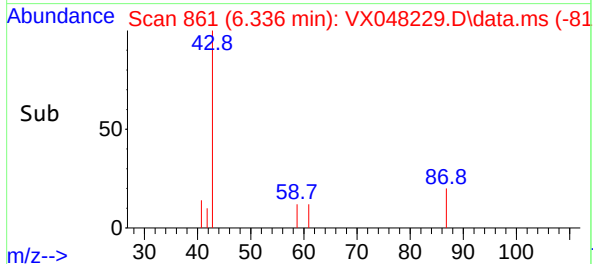
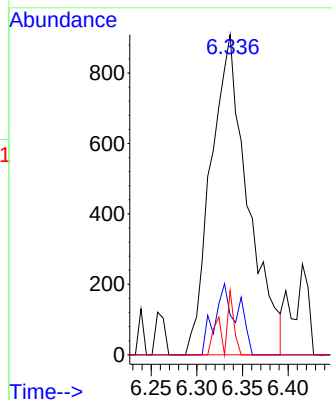
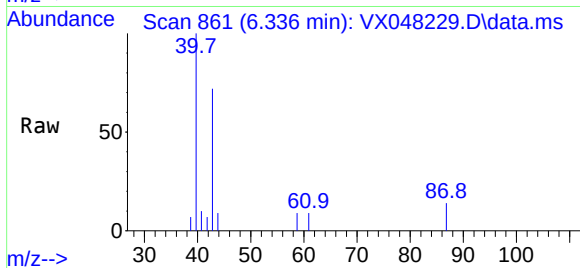
Tgt Ion: 43 Resp: 2548

Ion Ratio Lower Upper

43 100

61 13.8 14.9 22.3#

87 3.4 9.4 14.2#



#44

Trichloroethene

Concen: 1.076 ug/l

RT: 7.117 min Scan# 989

Delta R.T. 0.006 min

Lab File: VX048229.D

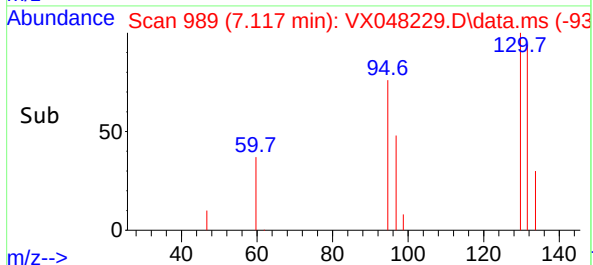
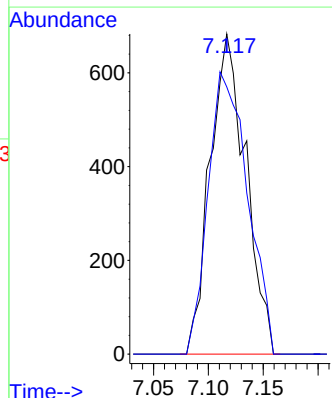
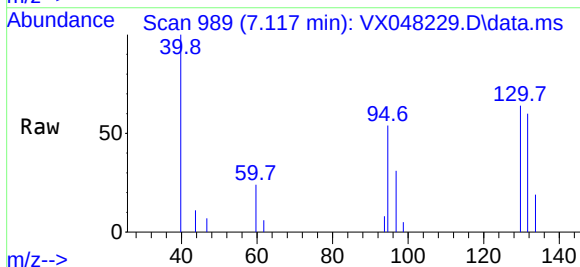
Acq: 20 Oct 2025 10:59

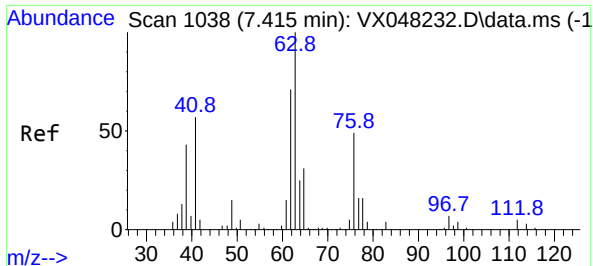
Tgt Ion:130 Resp: 1547

Ion Ratio Lower Upper

130 100

95 83.5 0.0 200.6





#45

1,2-Dichloropropane

Concen: 0.924 ug/l

RT: 7.422 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

Instrument :

MSVOA_X

ClientSampleId :

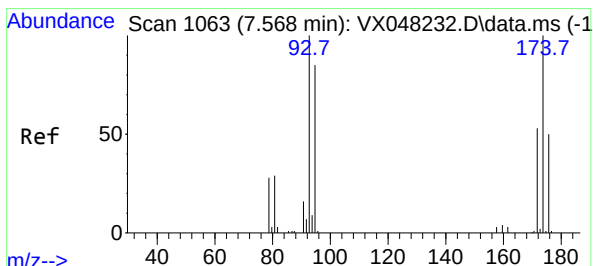
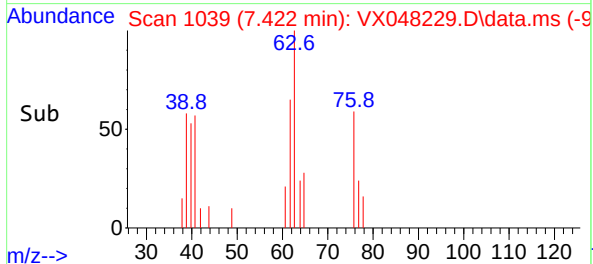
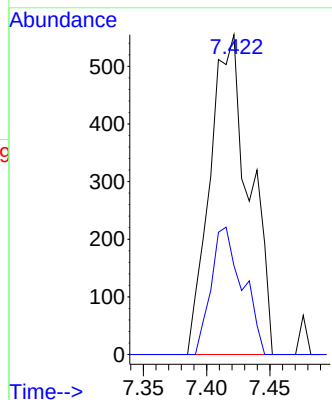
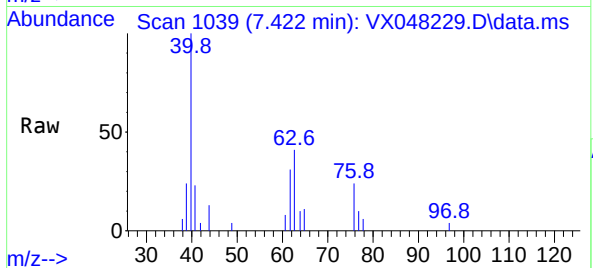
VSTDICC001

Tgt Ion: 63 Resp: 1195

Ion Ratio Lower Upper

63 100

65 27.7 24.1 36.1



#46

Dibromomethane

Concen: 1.024 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. 0.006 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

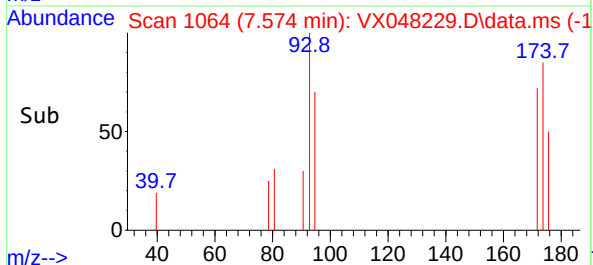
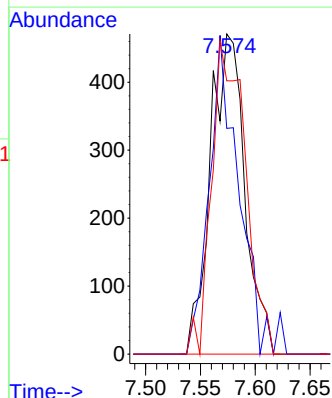
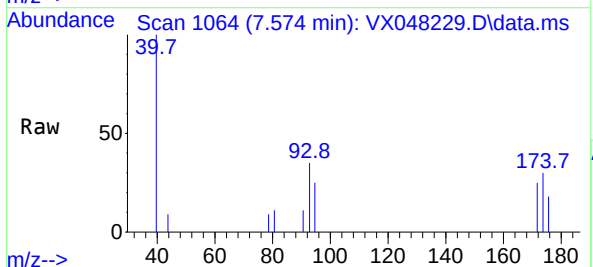
Tgt Ion: 93 Resp: 1032

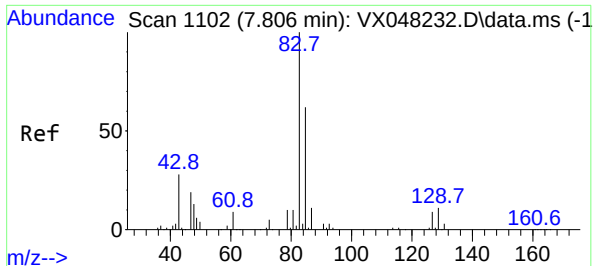
Ion Ratio Lower Upper

93 100

95 86.4 65.9 98.9

174 95.3 71.7 107.5





#47

Bromodichloromethane

Concen: 1.013 ug/l

RT: 7.812 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

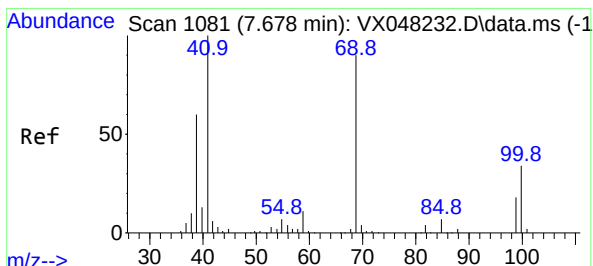
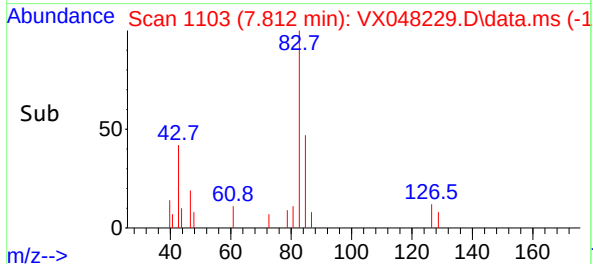
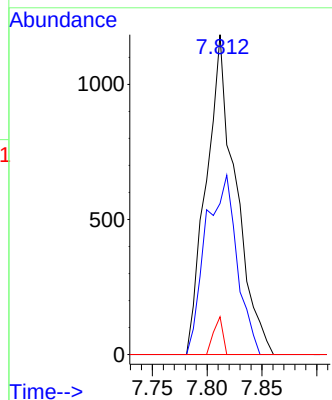
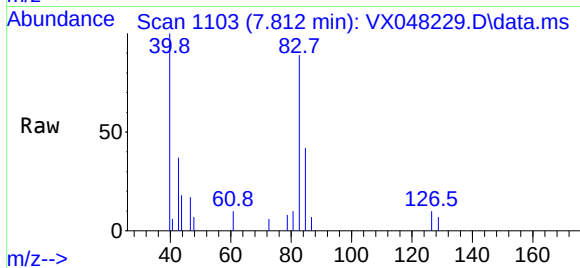
Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

Tgt Ion:	83	Resp:	2204
Ion	Ratio	Lower	Upper
83	100		
85	47.2	52.2	78.4#
127	11.8	7.3	10.9#



#48

Methyl methacrylate

Concen: 0.996 ug/l

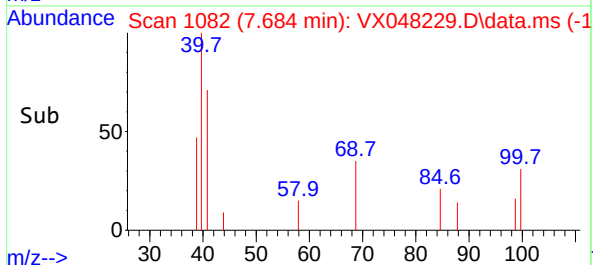
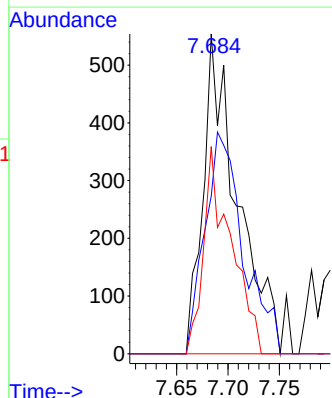
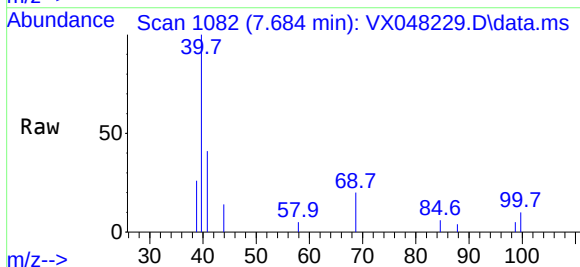
RT: 7.684 min Scan# 1082

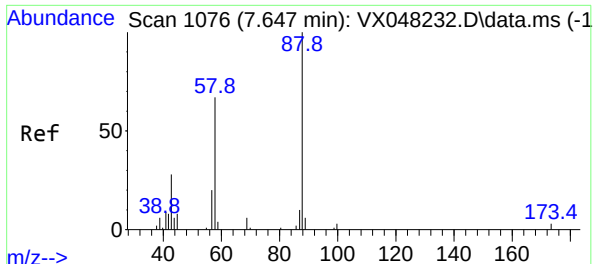
Delta R.T. 0.006 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

Tgt Ion:	41	Resp:	1283
Ion	Ratio	Lower	Upper
41	100		
69	77.6	63.4	95.0
39	51.7	47.1	70.7





#49

1,4-Dioxane

Concen: 14.987 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. 0.024 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

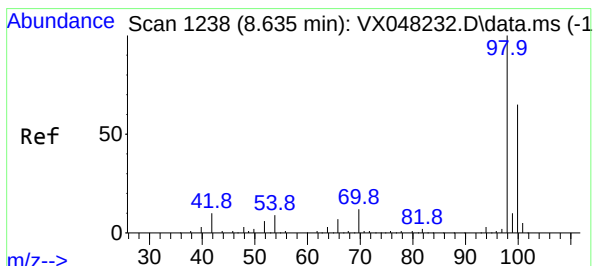
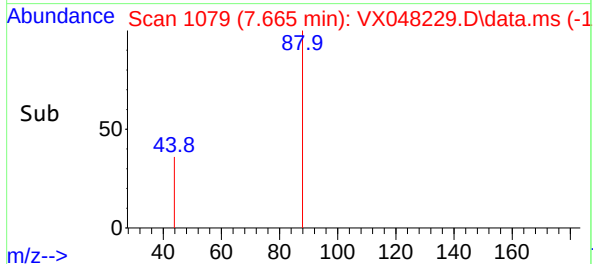
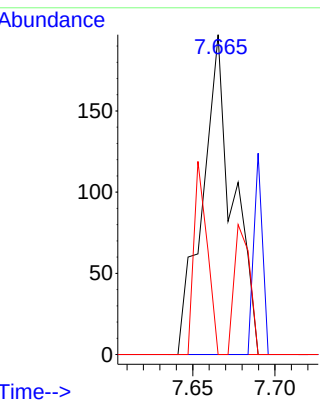
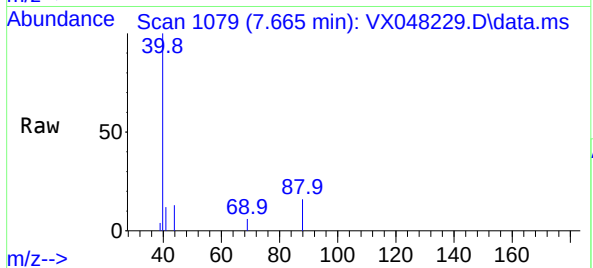
Tgt Ion: 88 Resp: 255

Ion Ratio Lower Upper

88 100

43 0.0 35.0 52.4#

58 20.8 61.9 92.9#



#50

Toluene-d8

Concen: 1.877 ug/l

RT: 8.635 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VX048229.D

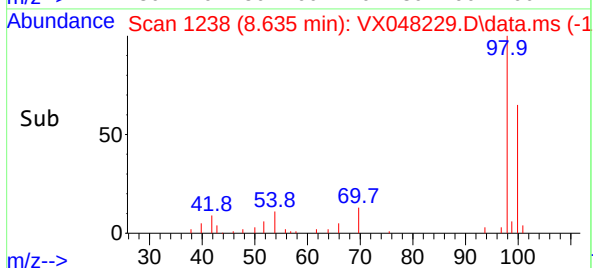
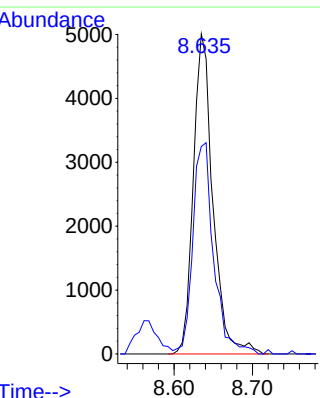
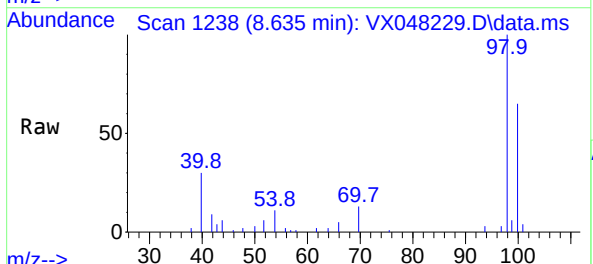
Acq: 20 Oct 2025 10:59

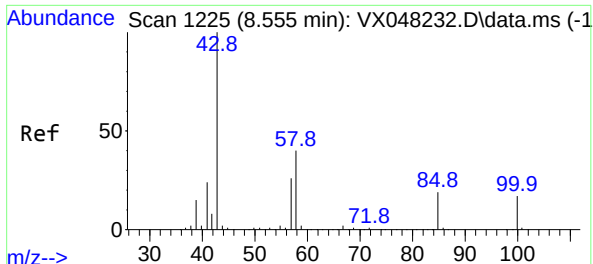
Tgt Ion: 98 Resp: 8676

Ion Ratio Lower Upper

98 100

100 70.5 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 4.802 ug/l

RT: 8.562 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

Instrument :

MSVOA_X

ClientSampleId :

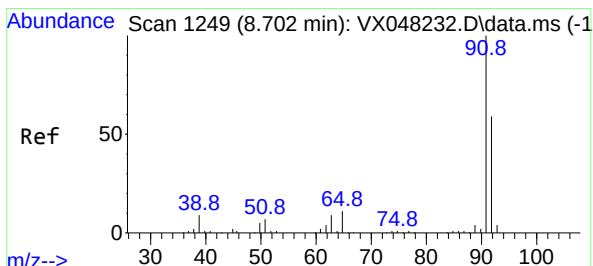
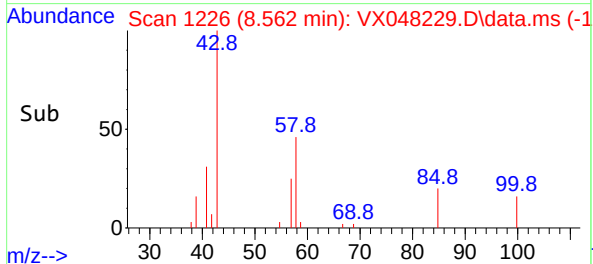
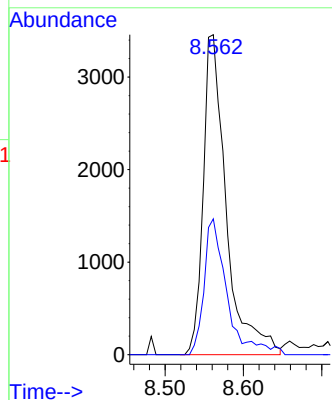
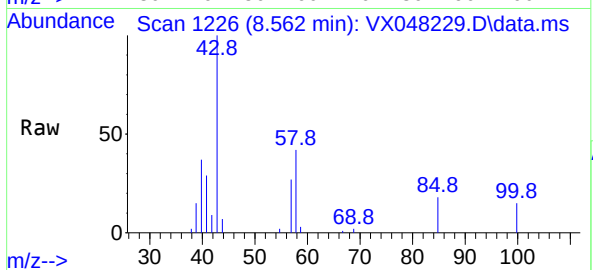
VSTDIC001

Tgt Ion: 43 Resp: 7066

Ion Ratio Lower Upper

43 100

58 42.1 29.5 44.3



#52

Toluene

Concen: 0.984 ug/l

RT: 8.708 min Scan# 1250

Delta R.T. 0.006 min

Lab File: VX048229.D

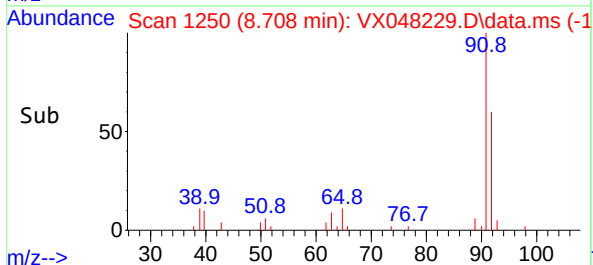
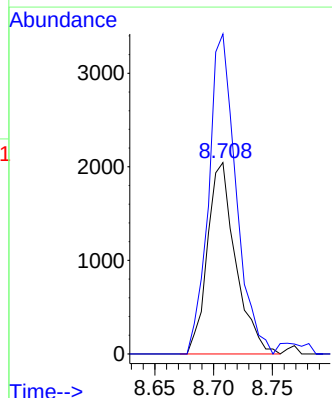
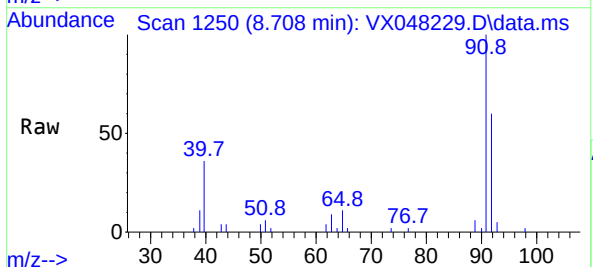
Acq: 20 Oct 2025 10:59

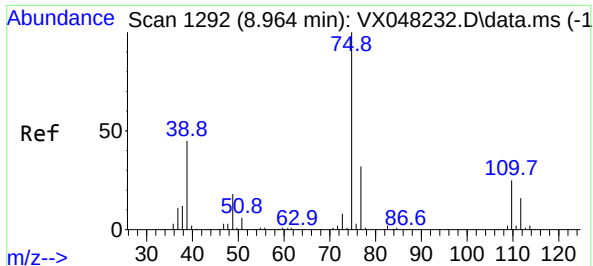
Tgt Ion: 92 Resp: 3403

Ion Ratio Lower Upper

92 100

91 162.8 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 0.879 ug/l

RT: 8.970 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

Instrument :

MSVOA_X

ClientSampleId :

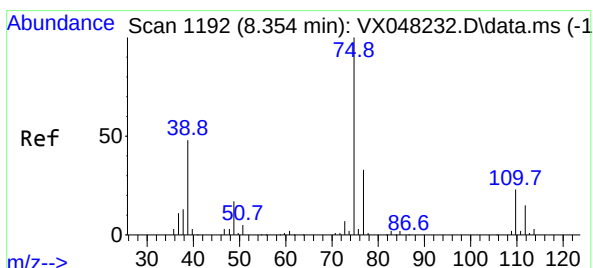
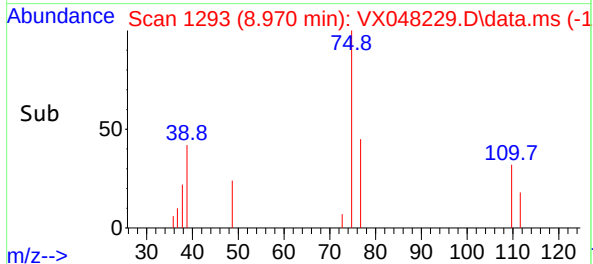
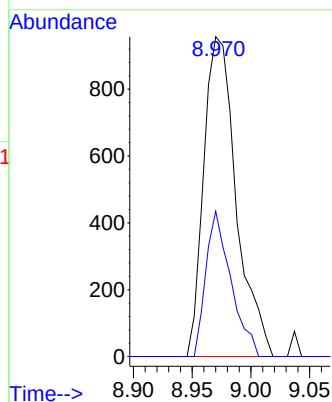
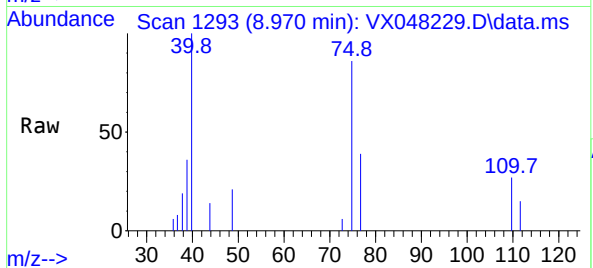
VSTDICC001

Tgt Ion: 75 Resp: 1844

Ion Ratio Lower Upper

75 100

77 45.5 25.0 37.6#



#54

cis-1,3-Dichloropropene

Concen: 0.994 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. 0.012 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

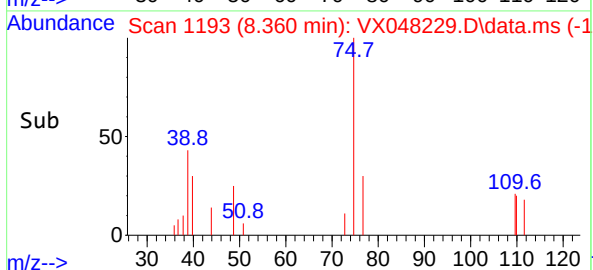
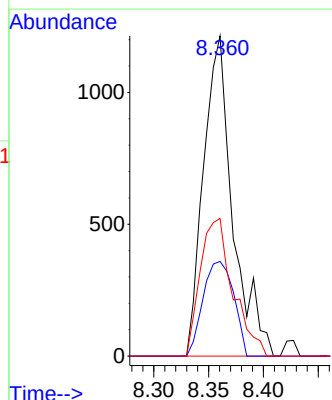
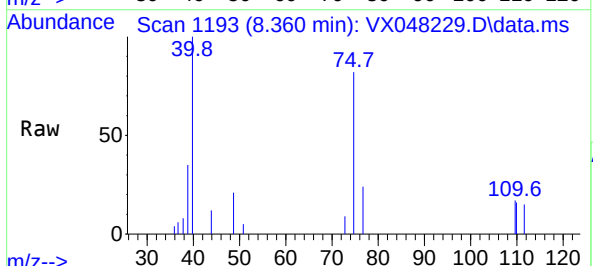
Tgt Ion: 75 Resp: 2250

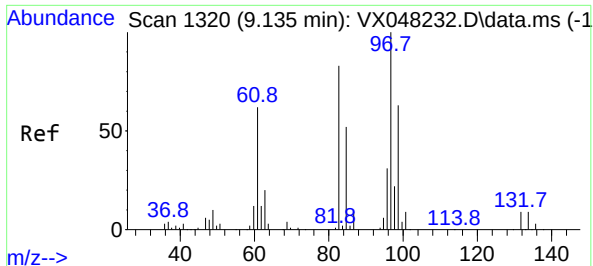
Ion Ratio Lower Upper

75 100

77 29.6 24.9 37.3

39 43.0 42.6 64.0



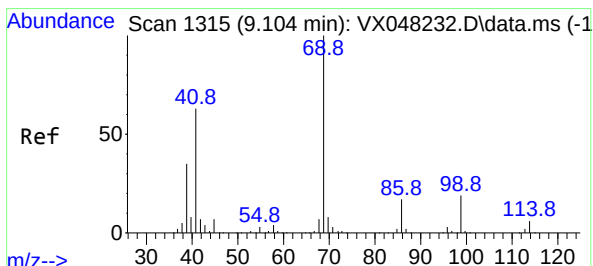
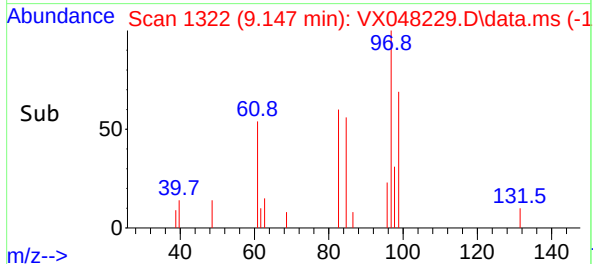
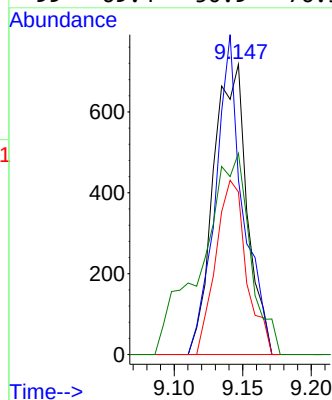
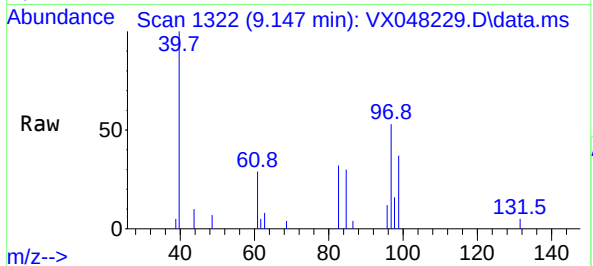


#55
1,1,2-Trichloroethane
Concen: 0.956 ug/l
RT: 9.147 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 97 Resp: 1229

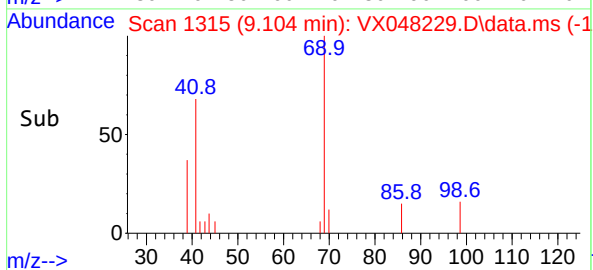
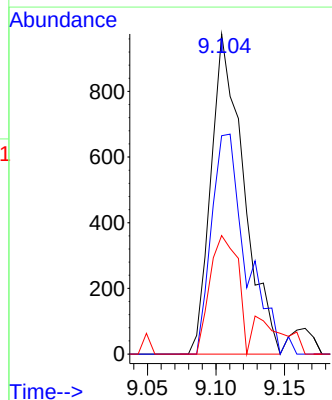
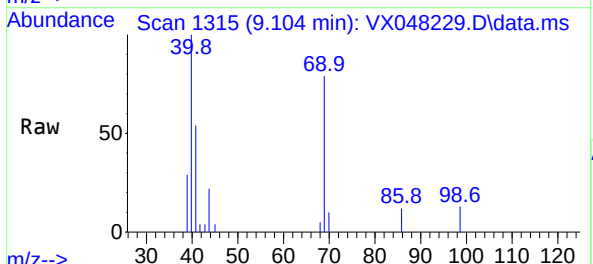
Ion	Ratio	Lower	Upper
97	100		
83	60.2	70.6	105.8#
85	56.0	45.0	67.6
99	69.4	50.9	76.3

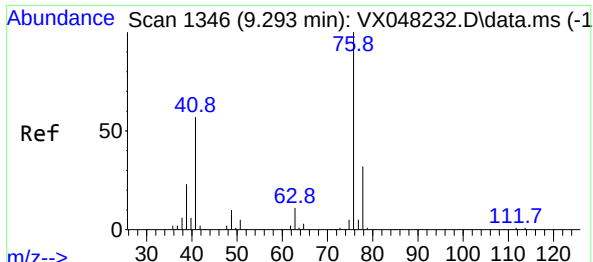


#56
Ethyl methacrylate
Concen: 0.859 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 69 Resp: 1616

Ion	Ratio	Lower	Upper
69	100		
41	73.0	56.0	84.0
39	36.5	31.6	47.4

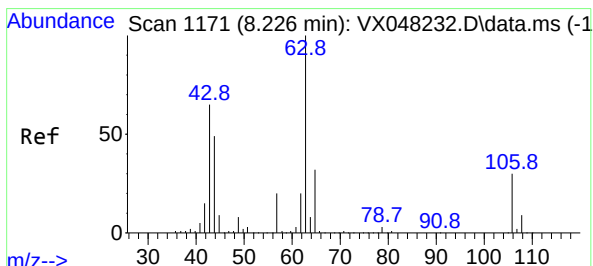
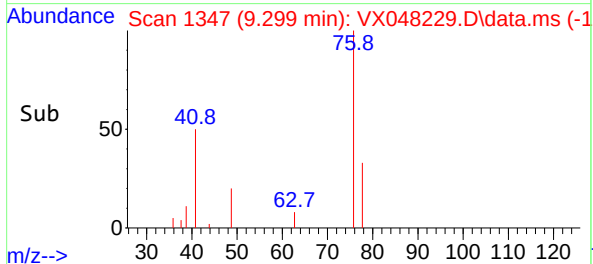
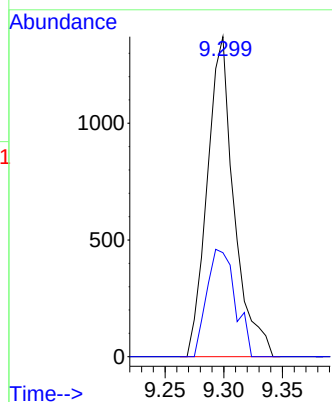
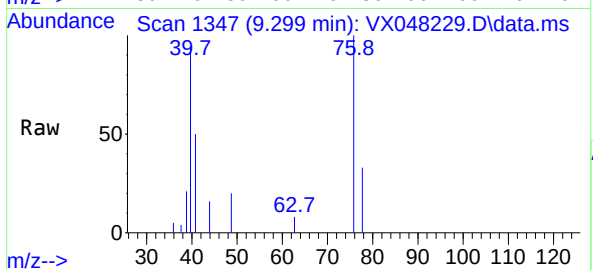




#57
1,3-Dichloropropane
Concen: 0.990 ug/l
RT: 9.299 min Scan# 1171
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

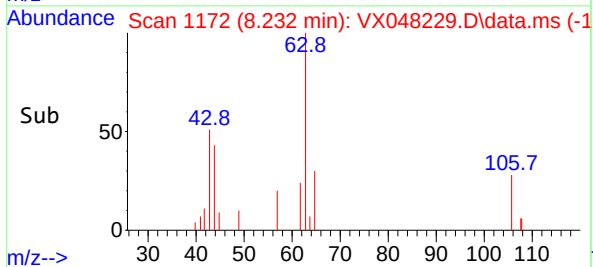
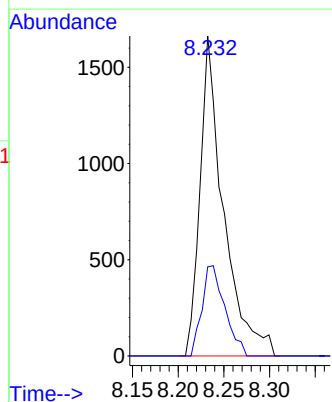
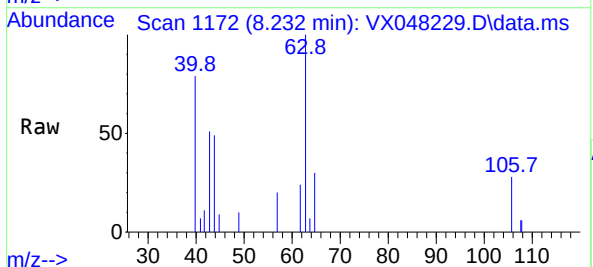
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

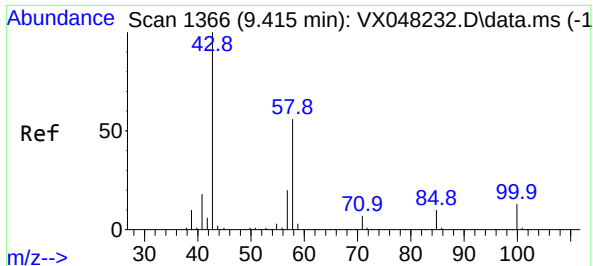
Tgt Ion: 76 Resp: 2174
Ion Ratio Lower Upper
76 100
78 35.5 25.4 38.0



#58
2-Chloroethyl Vinyl ether
Concen: 4.614 ug/l
RT: 8.232 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 63 Resp: 2970
Ion Ratio Lower Upper
63 100
106 27.5 22.2 33.2





#59

2-Hexanone

Concen: 4.343 ug/l

RT: 9.421 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

Instrument :

MSVOA_X

ClientSampleId :

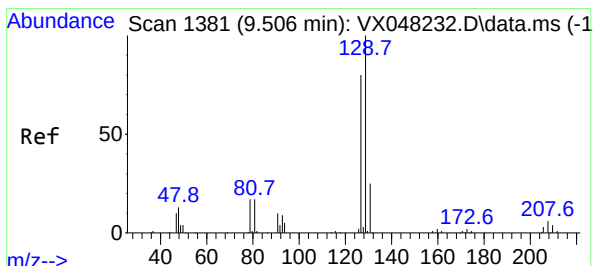
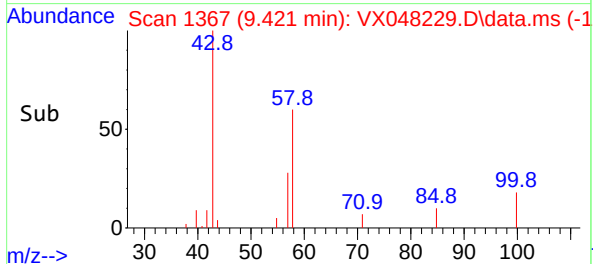
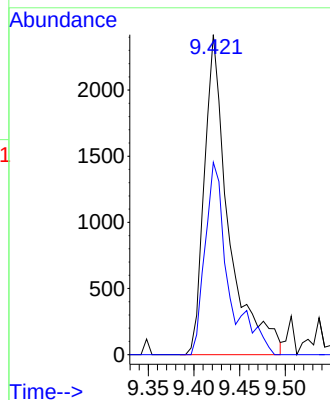
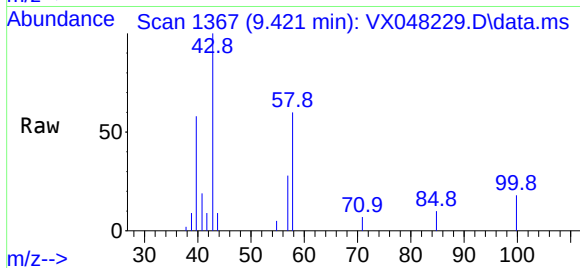
VSTDICC001

Tgt Ion: 43 Resp: 4456

Ion Ratio Lower Upper

43 100

58 58.1 26.3 78.8



#60

Dibromochloromethane

Concen: 1.077 ug/l

RT: 9.507 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VX048229.D

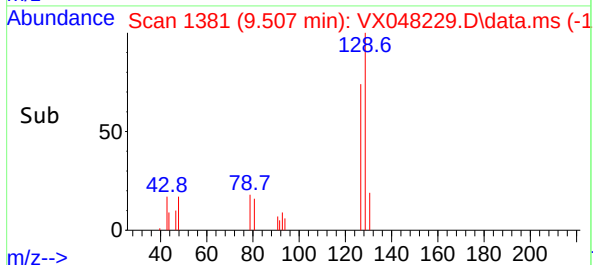
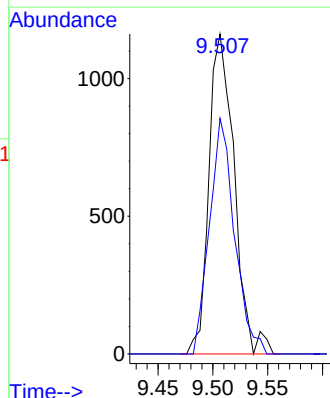
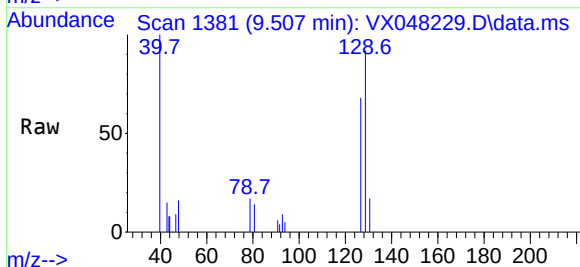
Acq: 20 Oct 2025 10:59

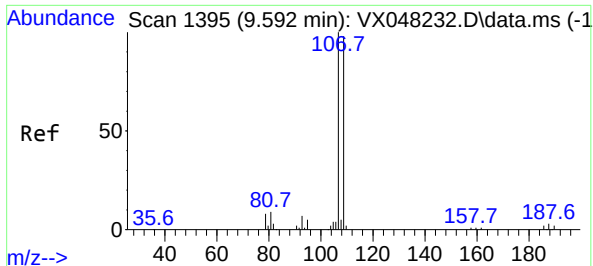
Tgt Ion:129 Resp: 1862

Ion Ratio Lower Upper

129 100

127 72.9 38.6 115.7





#61

1,2-Dibromoethane

Concen: 0.976 ug/l

RT: 9.598 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

Instrument :

MSVOA_X

ClientSampleId :

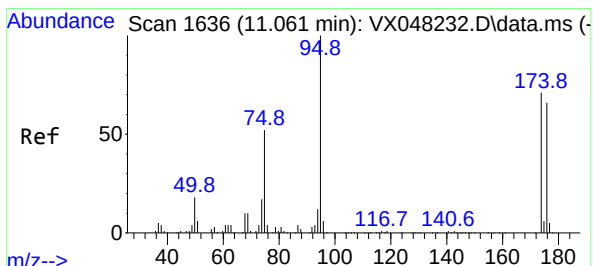
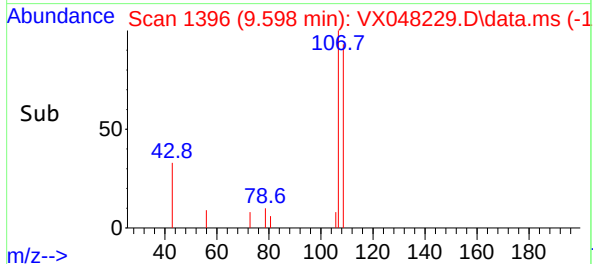
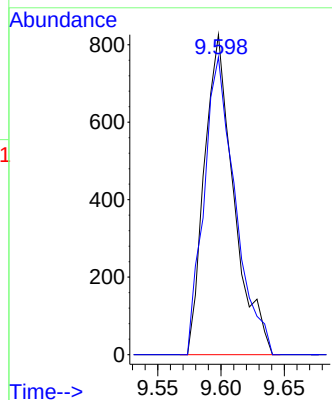
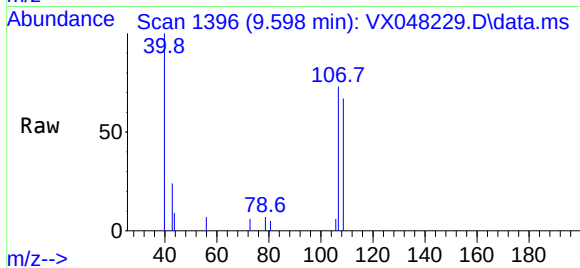
VSTDIC001

Tgt Ion:107 Resp: 1338

Ion Ratio Lower Upper

107 100

109 98.6 77.0 115.4



#62

4-Bromofluorobenzene

Concen: 1.985 ug/l

RT: 11.067 min Scan# 1637

Delta R.T. 0.006 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

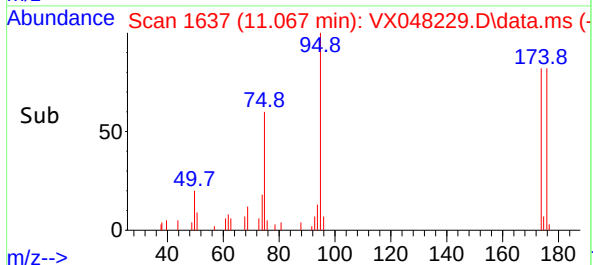
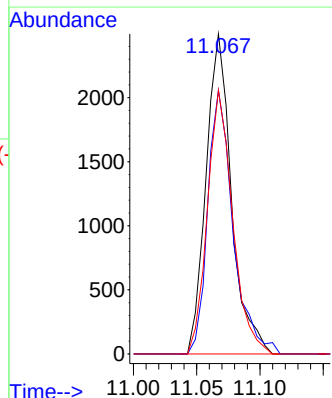
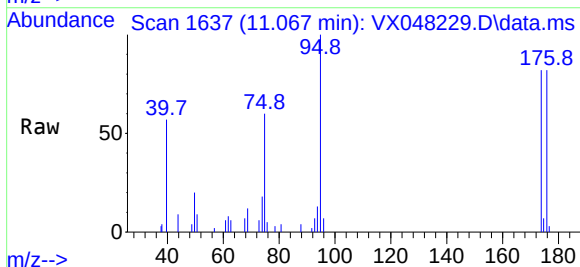
Tgt Ion: 95 Resp: 3491

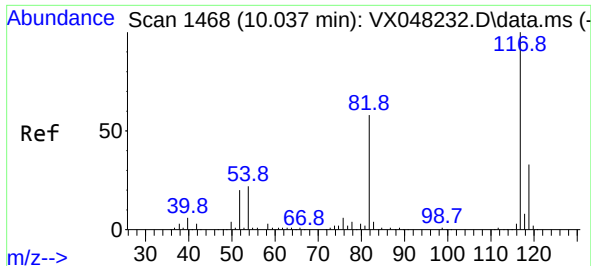
Ion Ratio Lower Upper

95 100

174 81.9 0.0 147.8

176 81.9 0.0 142.8

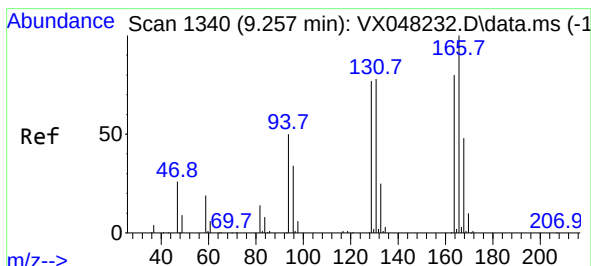
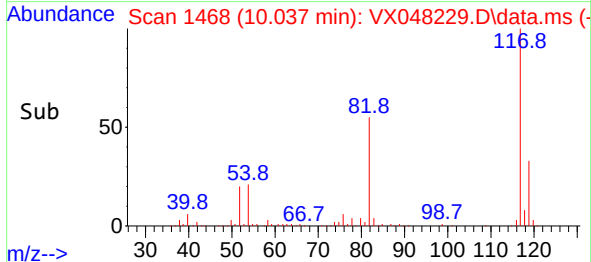
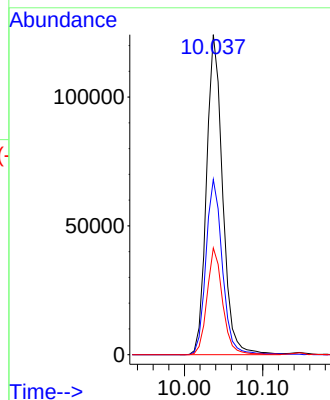
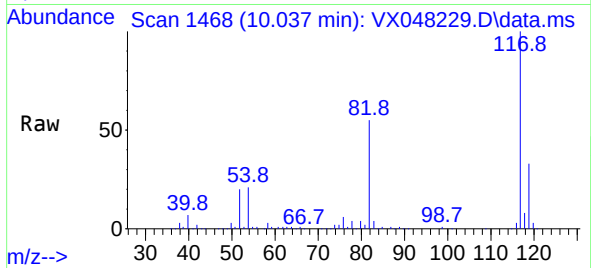




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

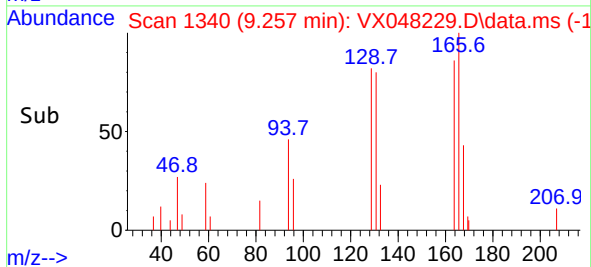
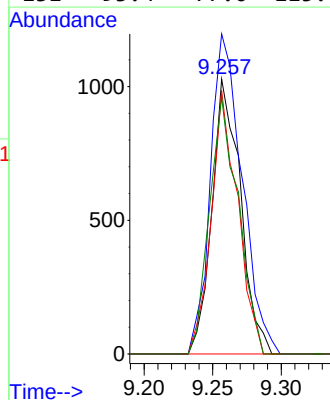
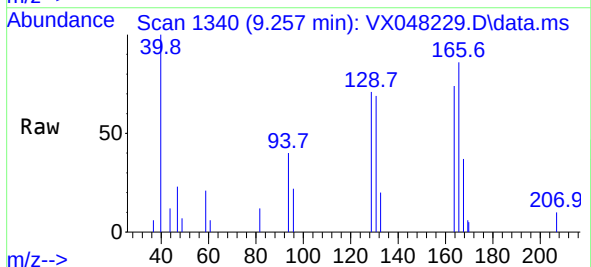
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

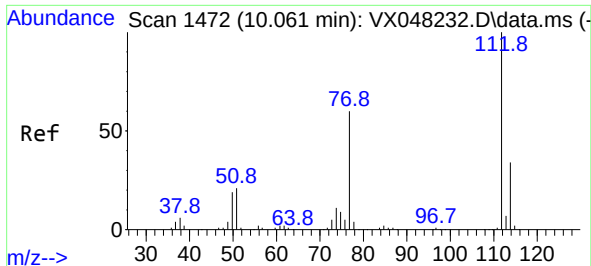
Tgt Ion:117 Resp: 177252
Ion Ratio Lower Upper
117 100
82 54.8 46.5 69.7
119 33.3 25.9 38.9



#64
Tetrachloroethene
Concen: 1.120 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:164 Resp: 1482
Ion Ratio Lower Upper
164 100
166 116.4 104.5 156.7
129 95.9 81.8 122.6
131 93.4 77.0 115.6

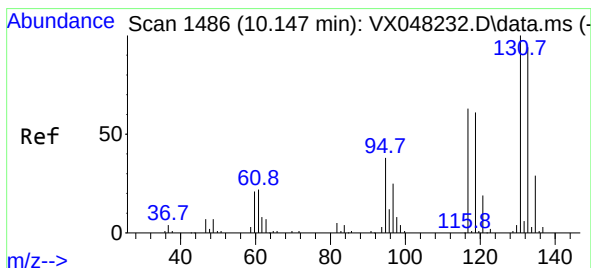
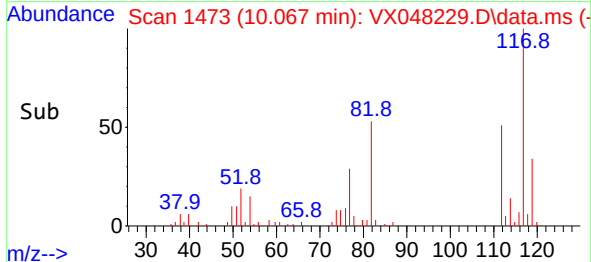
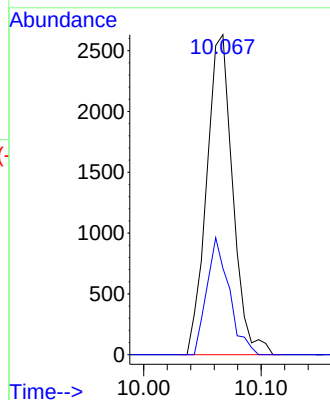
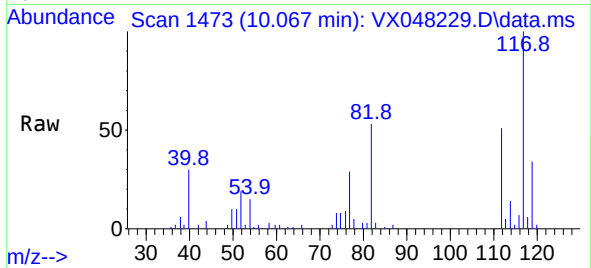




#65
Chlorobenzene
Concen: 1.021 ug/l
RT: 10.067 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

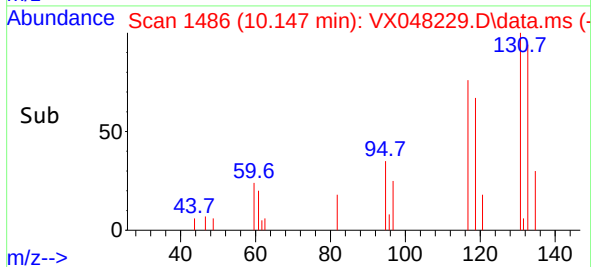
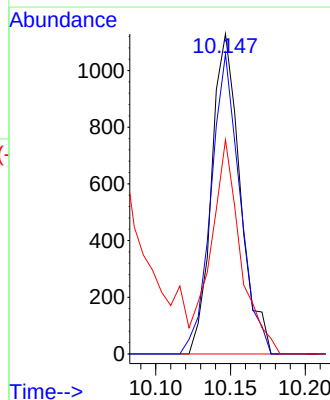
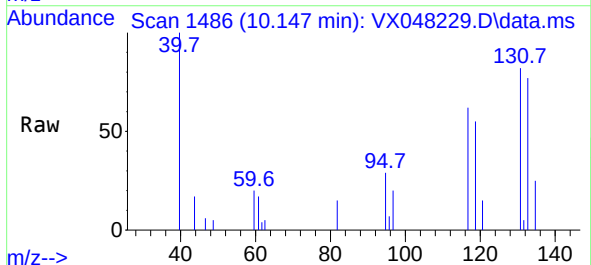
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

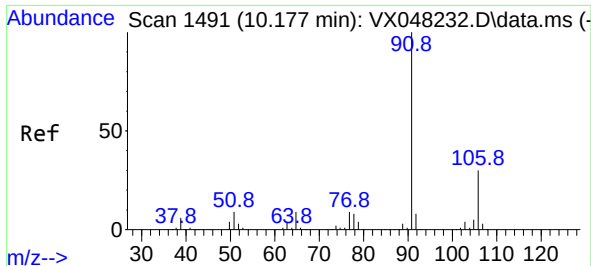
Tgt Ion:112 Resp: 4073
Ion Ratio Lower Upper
112 100
114 27.0 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 1.021 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:131 Resp: 1495
Ion Ratio Lower Upper
131 100
133 95.1 47.6 142.8
119 0.0 32.5 97.5#

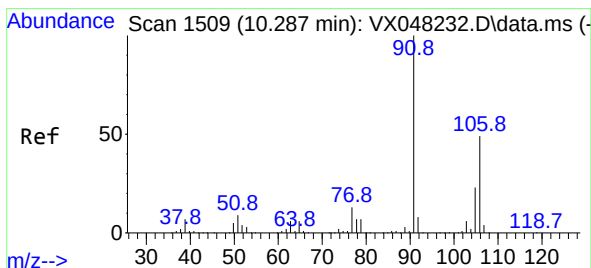
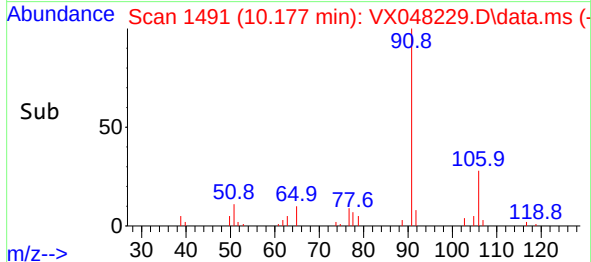
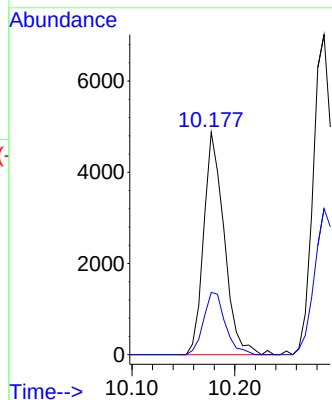
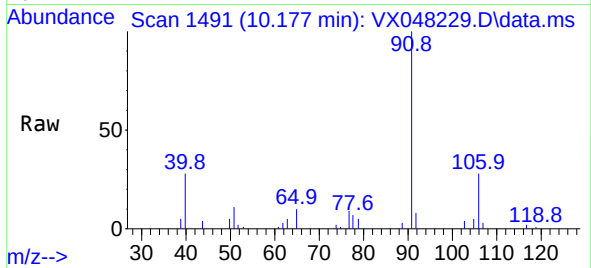




#67
Ethyl Benzene
Concen: 0.995 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

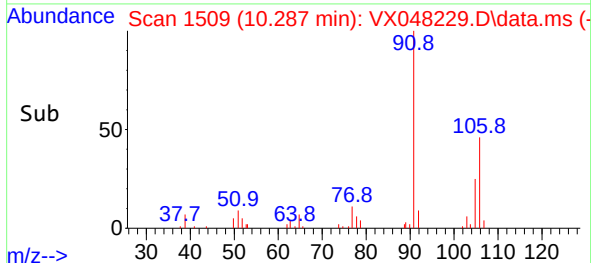
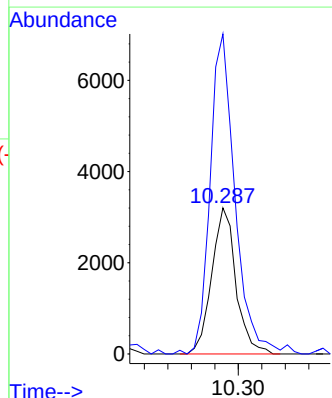
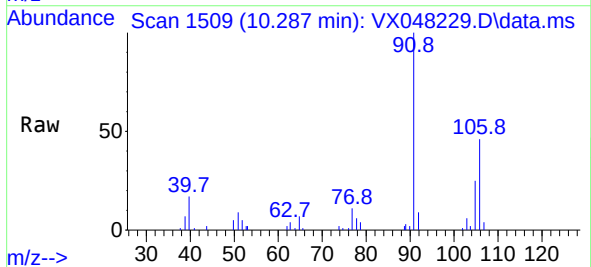
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

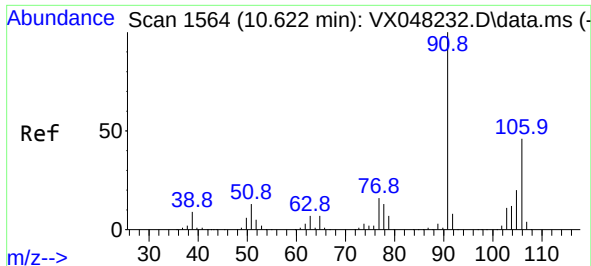
Tgt Ion: 91 Resp: 6752
Ion Ratio Lower Upper
91 100
106 28.0 23.8 35.6



#68
m/p-Xylenes
Concen: 1.819 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 106 Resp: 4589
Ion Ratio Lower Upper
106 100
91 225.6 167.9 251.9

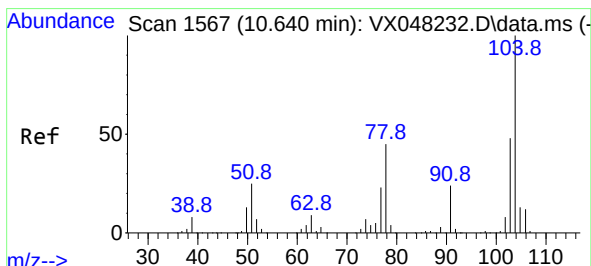
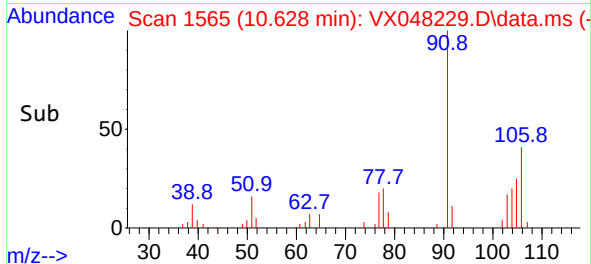
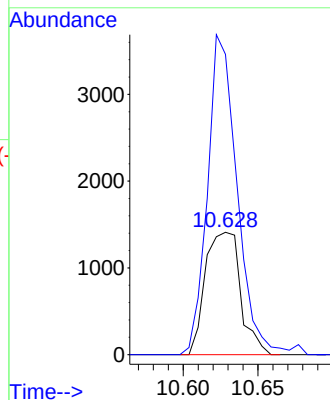
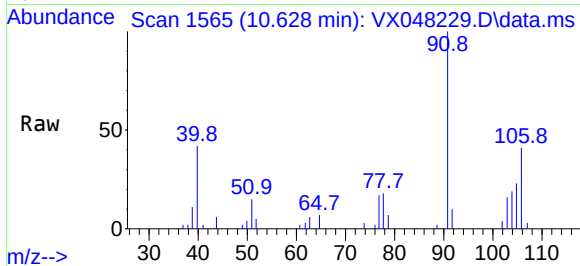




#69
o-Xylene
Concen: 0.950 ug/l
RT: 10.628 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

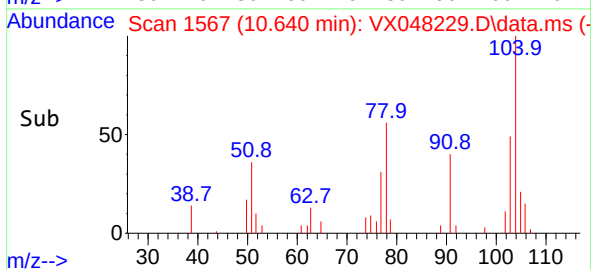
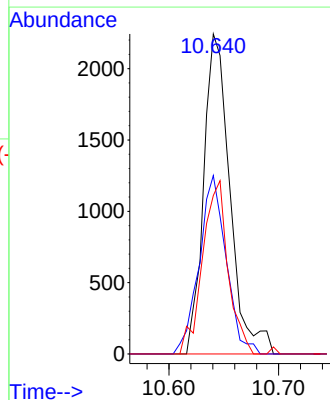
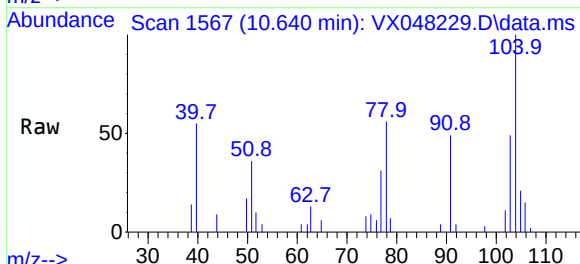
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

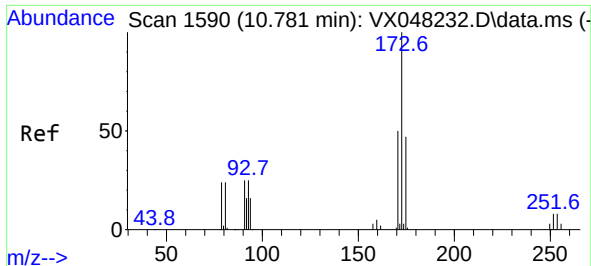
Tgt Ion:106 Resp: 2313
Ion Ratio Lower Upper
106 100
91 221.2 111.3 333.9



#70
Styrene
Concen: 0.901 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:104 Resp: 3737
Ion Ratio Lower Upper
104 100
78 57.1 42.2 63.4
103 52.6 43.0 64.4

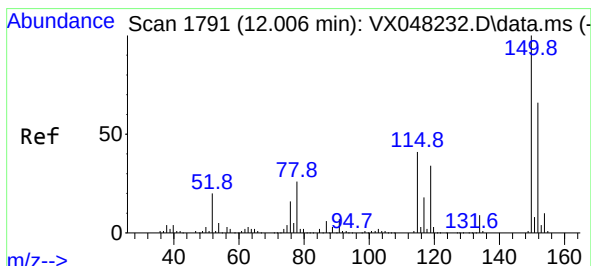
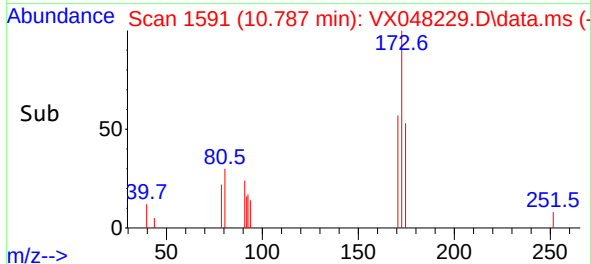
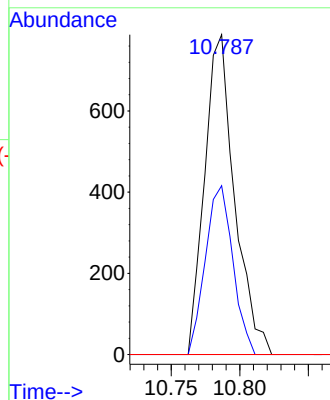
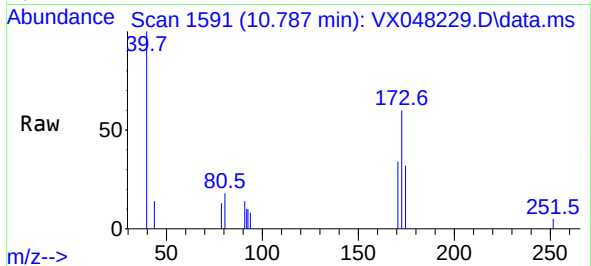




#71
Bromoform
Concen: 1.023 ug/l
RT: 10.787 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

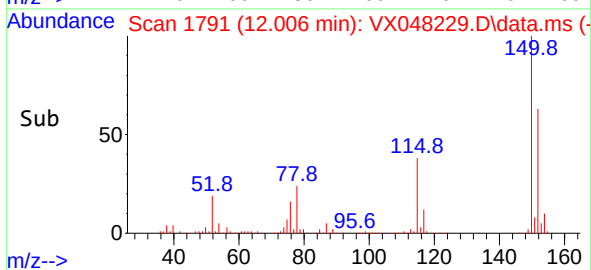
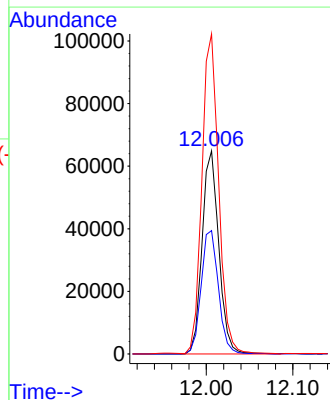
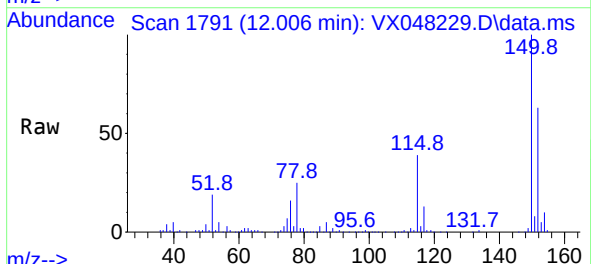
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

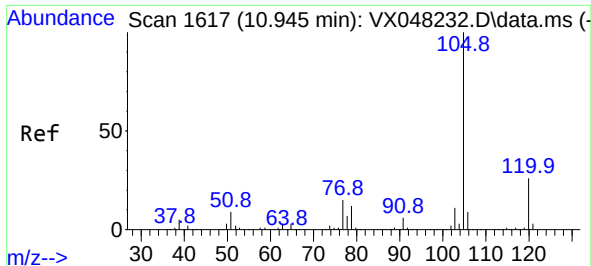
Tgt Ion:173 Resp: 1198
Ion Ratio Lower Upper
173 100
175 48.4 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:152 Resp: 86943
Ion Ratio Lower Upper
152 100
115 63.0 43.1 129.4
150 158.2 0.0 353.0

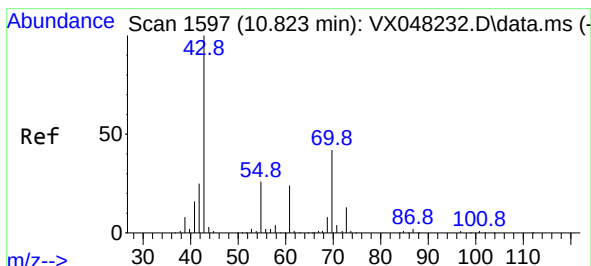
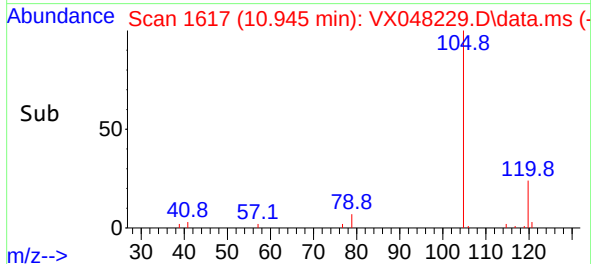
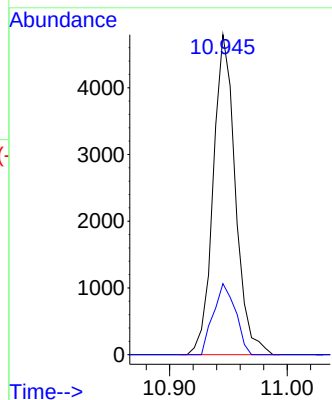
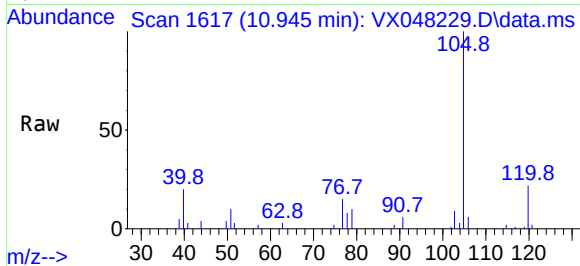




#73
Isopropylbenzene
Concen: 0.991 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

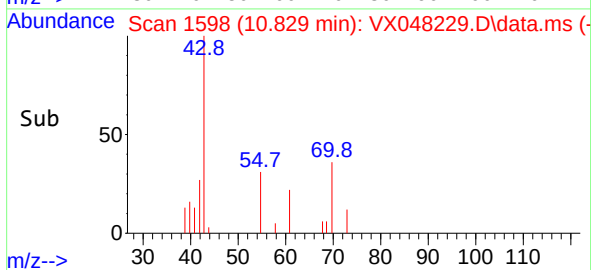
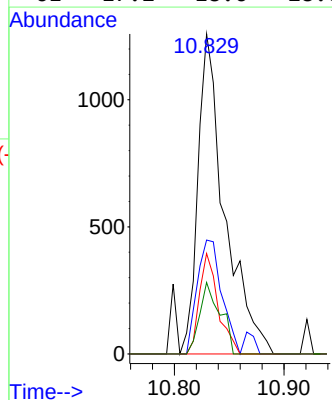
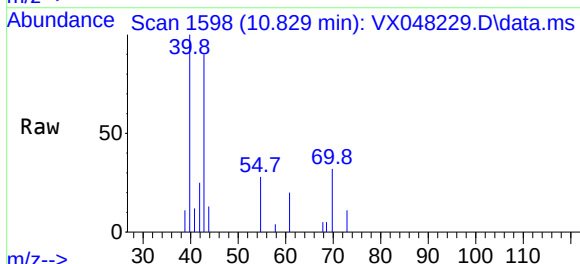
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

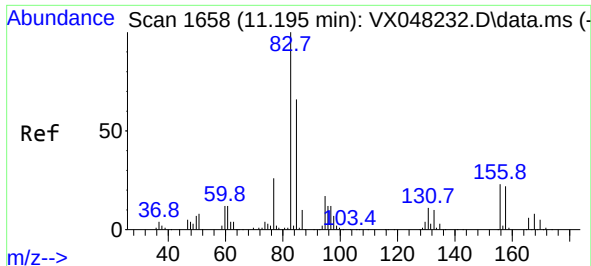
Tgt Ion:105 Resp: 6291
Ion Ratio Lower Upper
105 100
120 22.2 13.0 38.9



#74
N-ethyl acetate
Concen: 0.949 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 43 Resp: 2137
Ion Ratio Lower Upper
43 100
70 32.8 32.2 48.2
55 22.0 19.1 28.7
61 17.2 18.6 28.0#

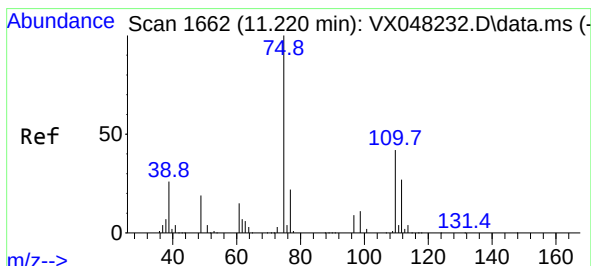
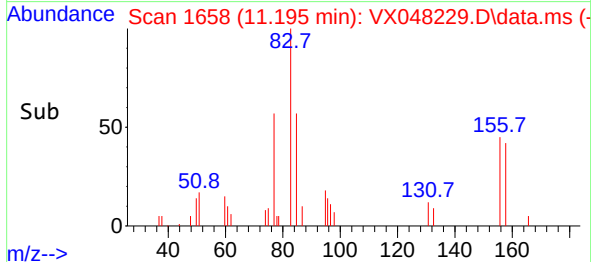
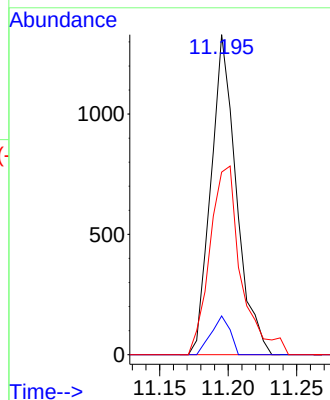
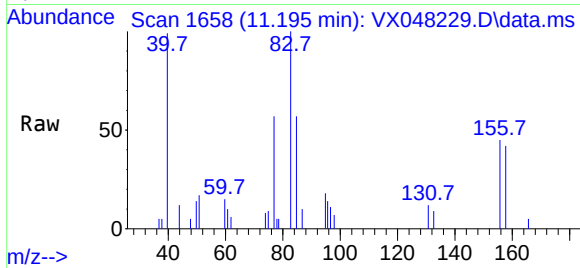




#75
1,1,2,2-Tetrachloroethane
Concen: 0.991 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

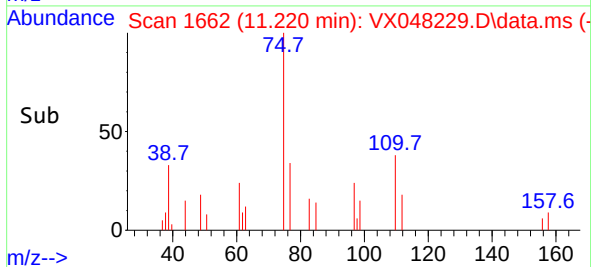
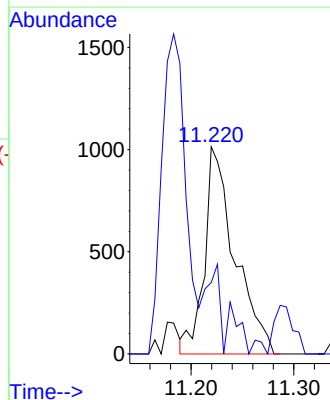
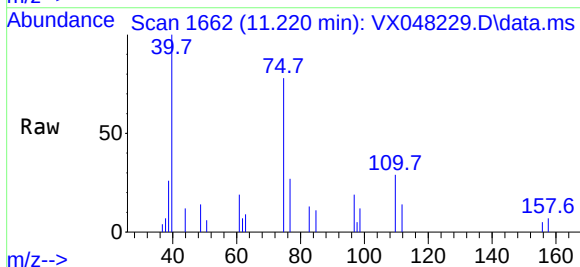
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

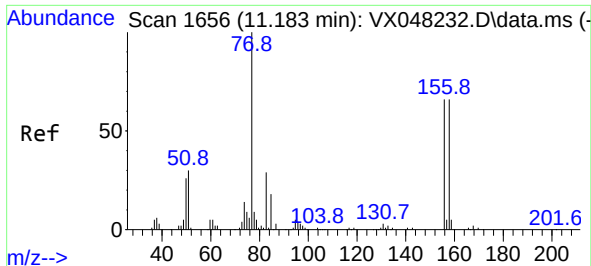
Tgt Ion: 83 Resp: 1718
Ion Ratio Lower Upper
83 100
131 8.9 4.8 14.4
85 72.1 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 1.470 ug/l
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 75 Resp: 2073
Ion Ratio Lower Upper
75 100
77 31.3 22.4 67.2

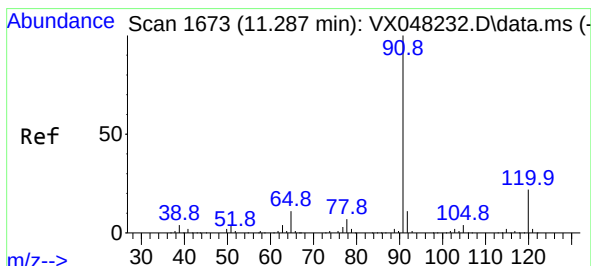
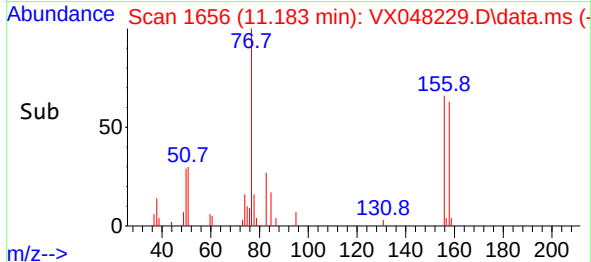
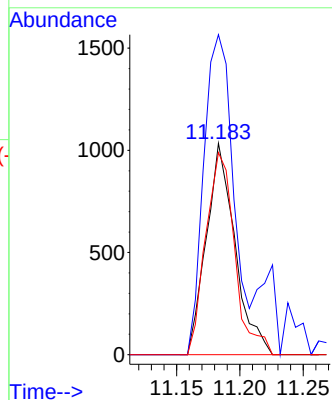
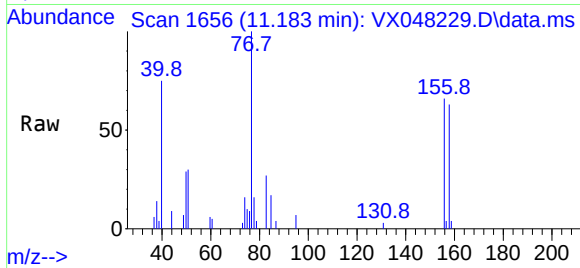




#77
Bromobenzene
Concen: 1.027 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

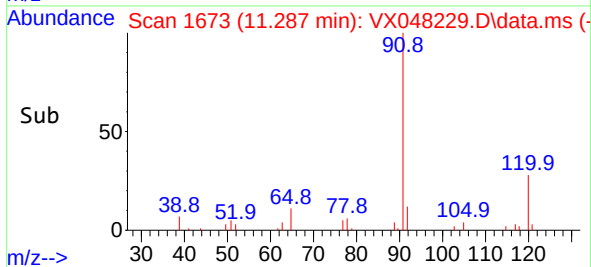
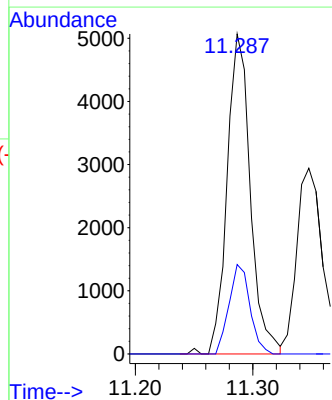
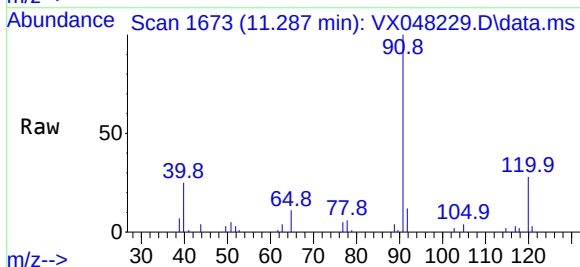
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

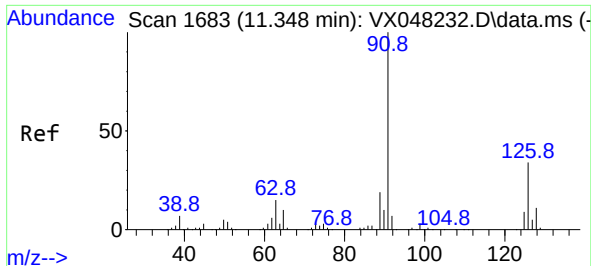
Tgt Ion:156 Resp: 1635
Ion Ratio Lower Upper
156 100
77 155.2 87.0 261.0
158 96.4 47.8 143.4



#78
n-propylbenzene
Concen: 0.946 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 91 Resp: 6956
Ion Ratio Lower Upper
91 100
120 25.2 11.1 33.1

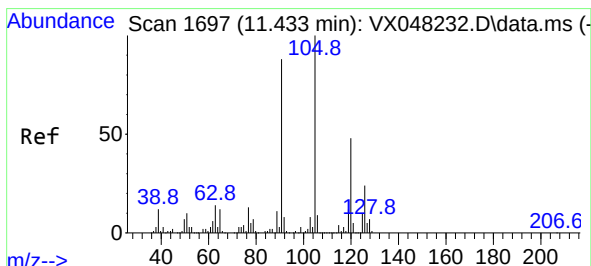
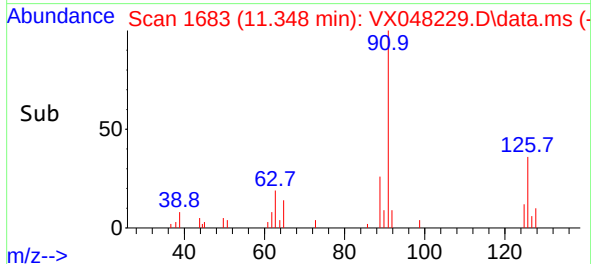
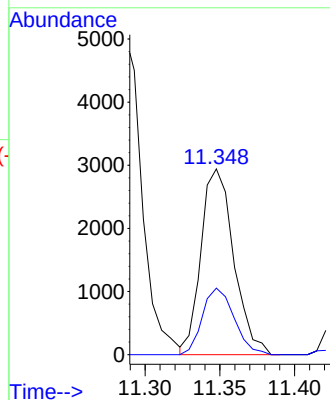
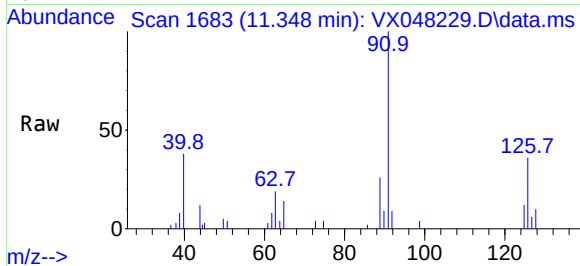




#79
2-Chlorotoluene
Concen: 1.004 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

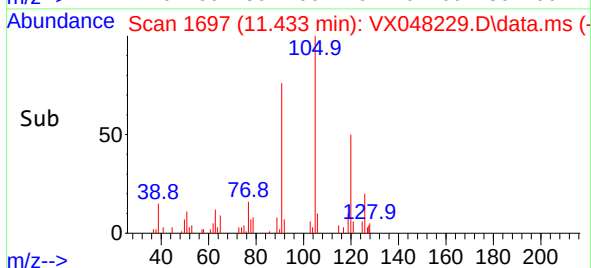
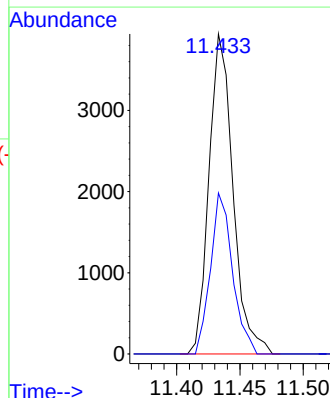
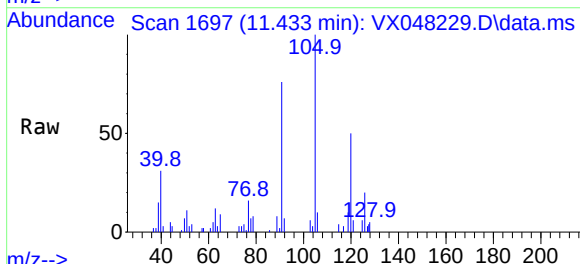
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

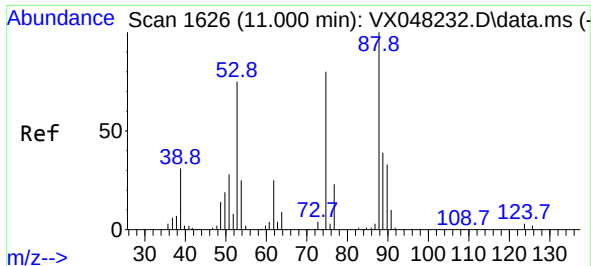
Tgt Ion: 91 Resp: 4477
Ion Ratio Lower Upper
91 100
126 34.8 16.4 49.4



#80
1,3,5-Trimethylbenzene
Concen: 0.989 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 105 Resp: 5196
Ion Ratio Lower Upper
105 100
120 46.2 24.0 72.0

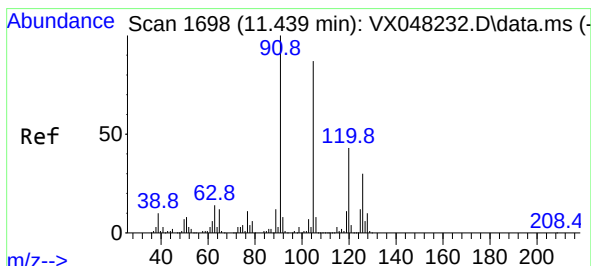
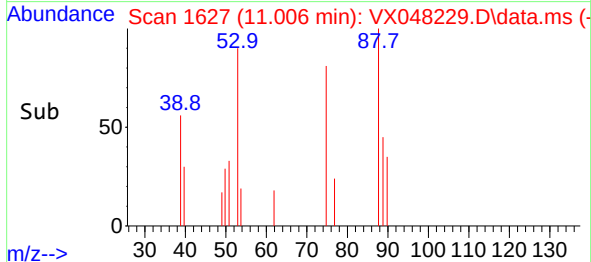
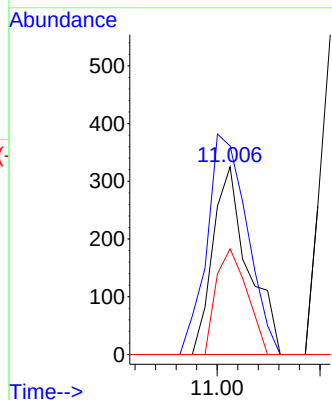
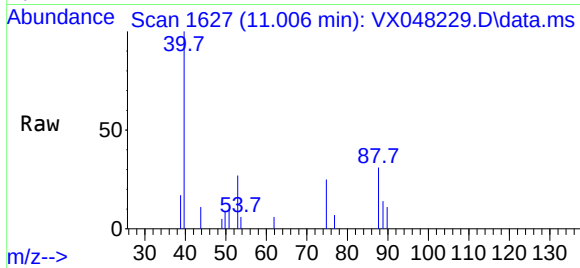




#81
trans-1,4-Dichloro-2-butene
Concen: 0.668 ug/l
RT: 11.006 min Scan# 1627
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

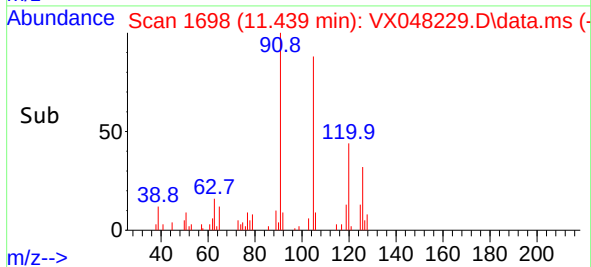
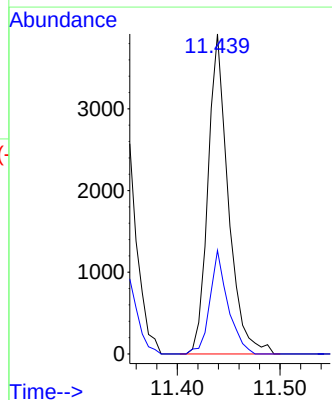
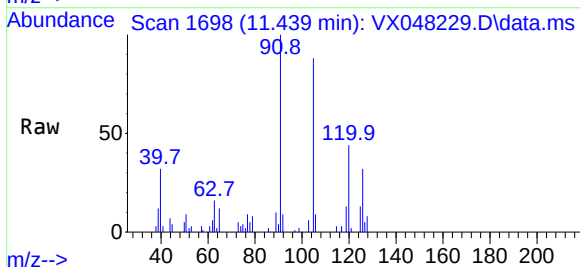
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

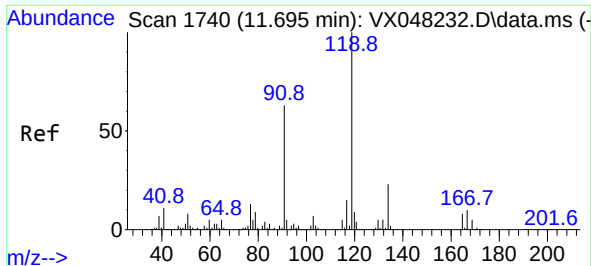
Tgt Ion: 75 Resp: 387
Ion Ratio Lower Upper
75 100
53 133.9 79.5 119.3#
89 49.4 36.8 55.2



#82
4-Chlorotoluene
Concen: 1.018 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 91 Resp: 5385
Ion Ratio Lower Upper
91 100
126 28.7 14.1 42.4

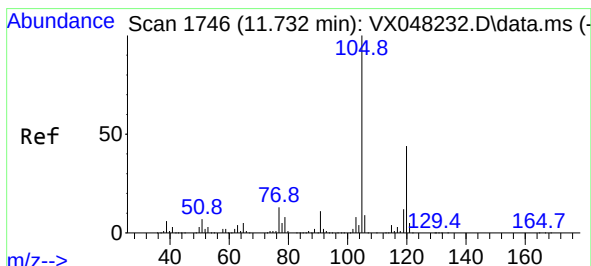
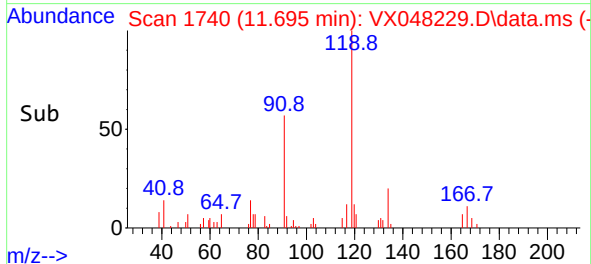
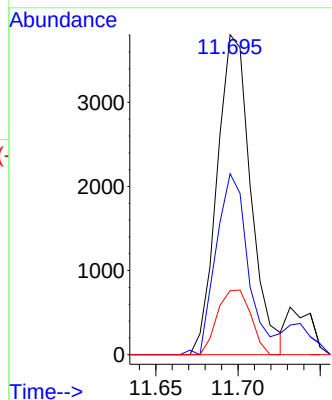
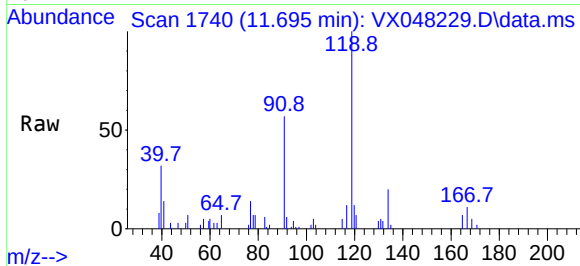




#83
tert-Butylbenzene
Concen: 1.007 ug/l
RT: 11.695 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

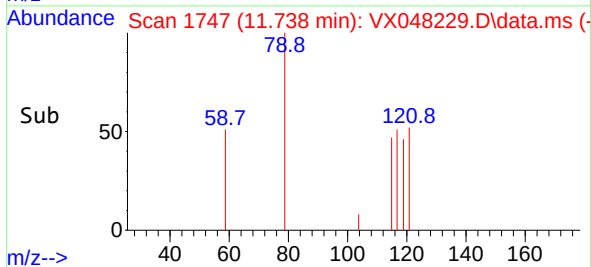
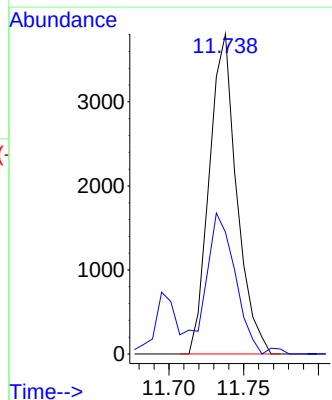
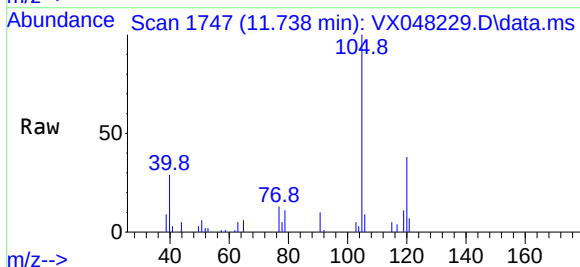
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

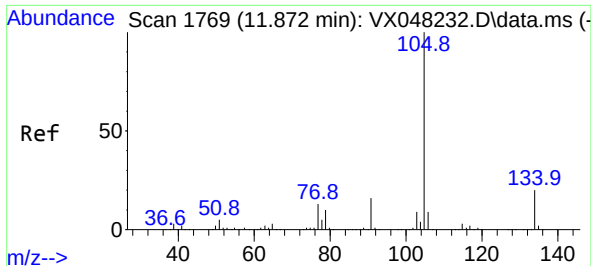
Tgt Ion:119 Resp: 5439
Ion Ratio Lower Upper
119 100
91 53.0 30.3 91.0
134 19.9 11.4 34.2



#84
1,2,4-Trimethylbenzene
Concen: 0.926 ug/l
RT: 11.738 min Scan# 1747
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:105 Resp: 4854
Ion Ratio Lower Upper
105 100
120 43.9 22.1 66.5

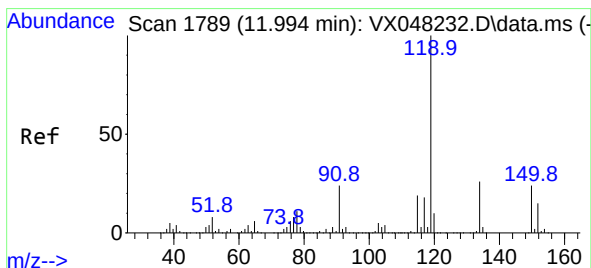
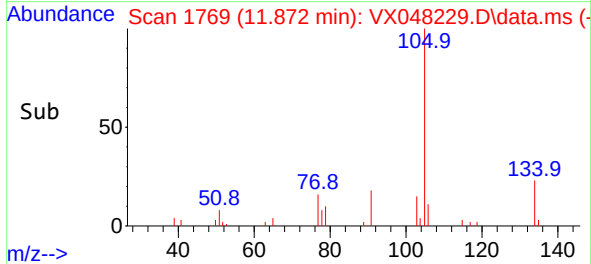
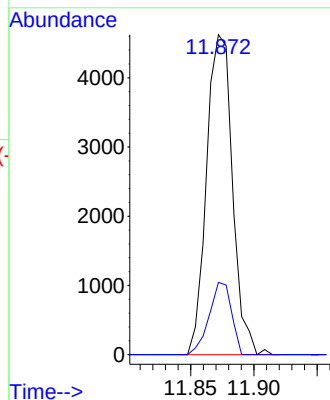
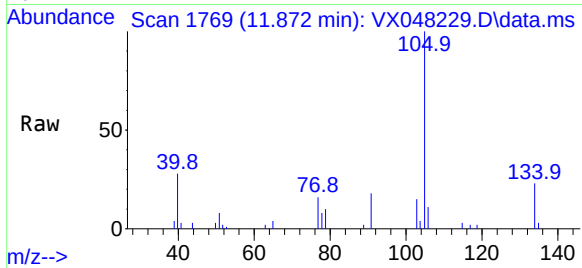




#85
 sec-Butylbenzene
 Concen: 1.014 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VX048229.D
 Acq: 20 Oct 2025 10:59

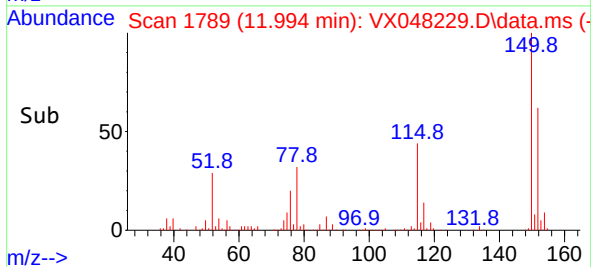
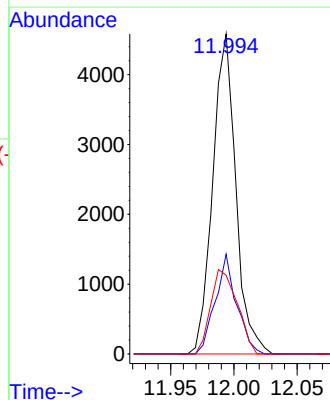
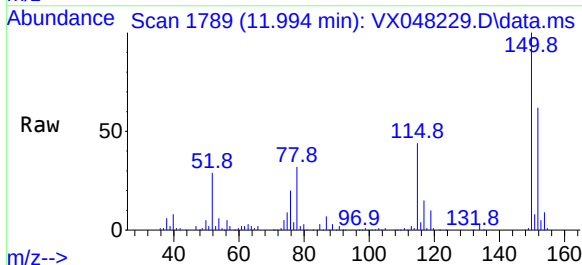
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

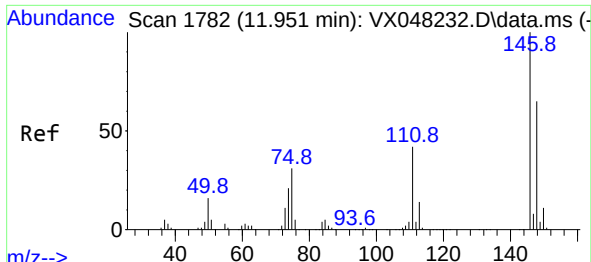
Tgt Ion:105 Resp: 6589
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 1.035 ug/l
 RT: 11.994 min Scan# 1789
 Delta R.T. 0.006 min
 Lab File: VX048229.D
 Acq: 20 Oct 2025 10:59

Tgt Ion:119 Resp: 5812
 Ion Ratio Lower Upper
 119 100
 134 28.8 13.0 39.0
 91 30.5 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 1.079 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

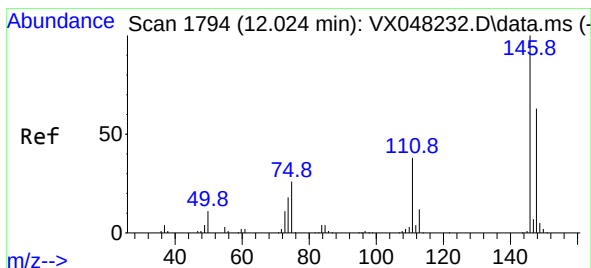
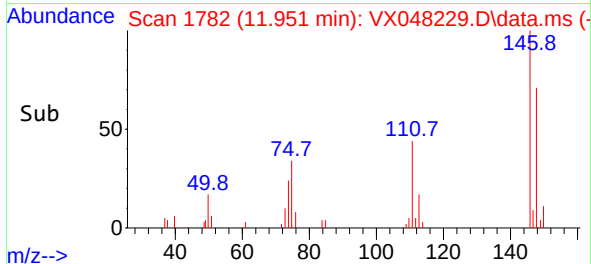
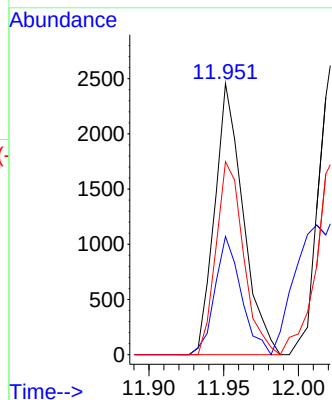
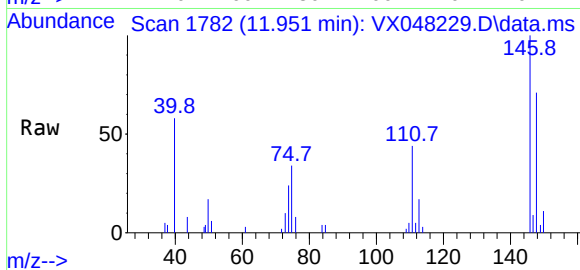
Tgt Ion:146 Resp: 3239

Ion Ratio Lower Upper

146 100

111 40.5 20.4 61.2

148 68.9 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 1.042 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.073 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

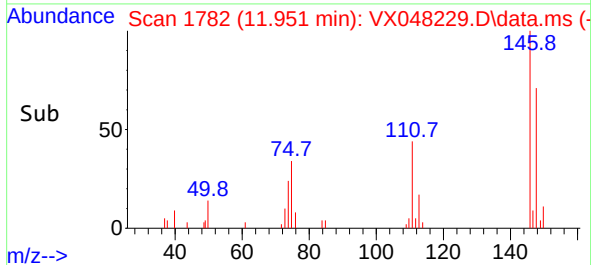
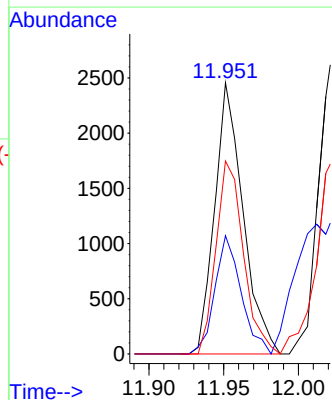
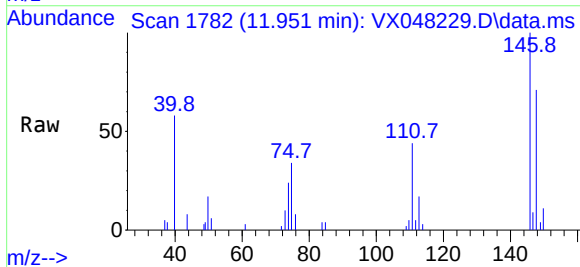
Tgt Ion:146 Resp: 3239

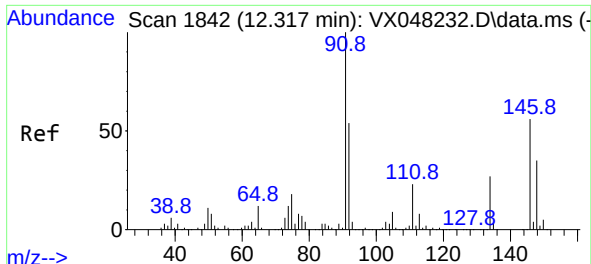
Ion Ratio Lower Upper

146 100

111 40.5 20.1 60.2

148 68.9 31.8 95.3





#89

n-Butylbenzene

Concen: 1.132 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. 0.006 min

Lab File: VX048229.D

Acq: 20 Oct 2025 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

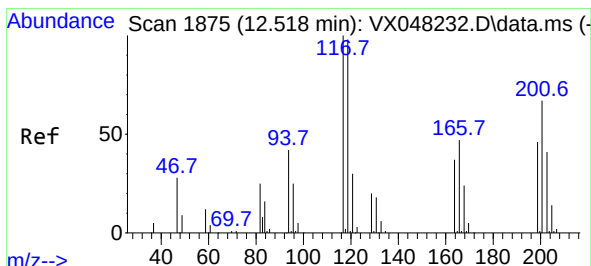
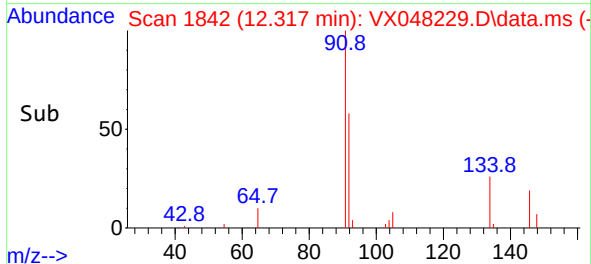
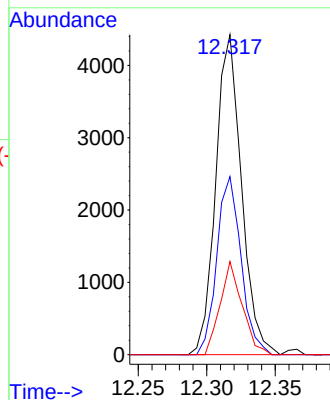
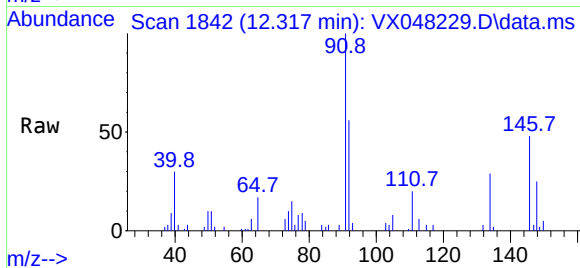
Tgt Ion: 91 Resp: 5787

Ion Ratio Lower Upper

91 100

92 52.3 26.9 80.6

134 24.9 12.7 38.1



#90

Hexachloroethane

Concen: 1.066 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VX048229.D

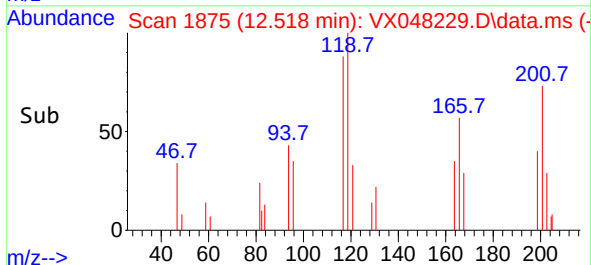
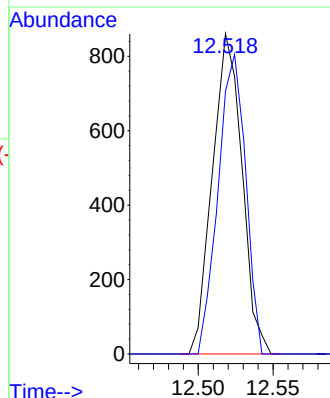
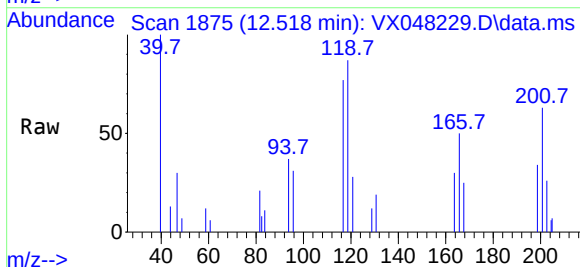
Acq: 20 Oct 2025 10:59

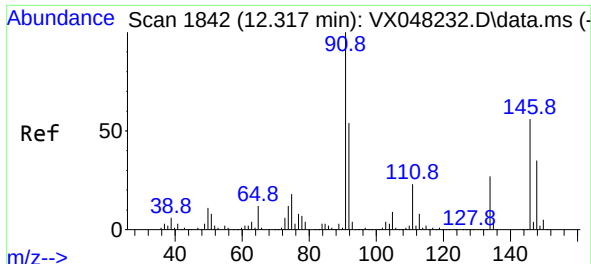
Tgt Ion: 117 Resp: 1182

Ion Ratio Lower Upper

117 100

201 87.1 34.1 102.2

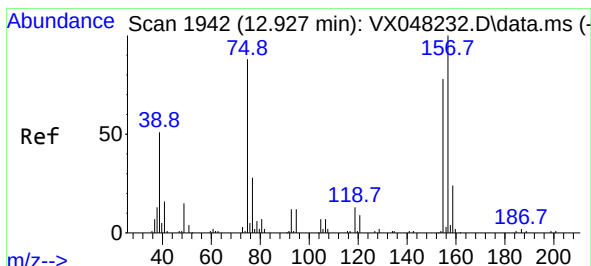
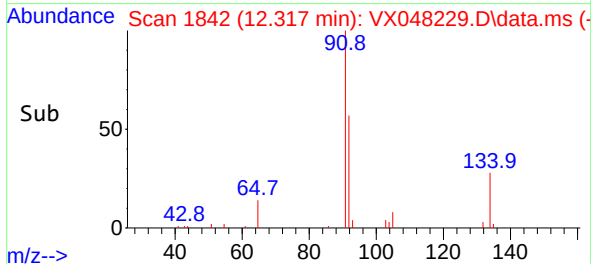
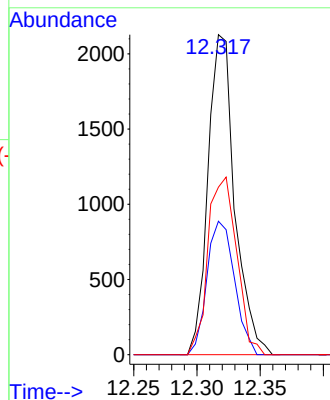
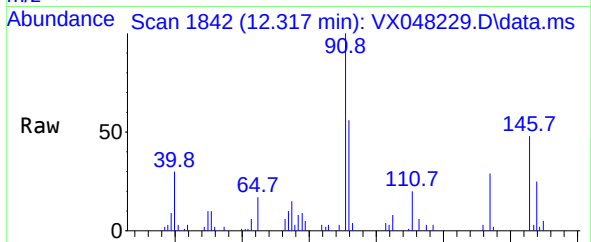




#91
1,2-Dichlorobenzene
Concen: 1.112 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

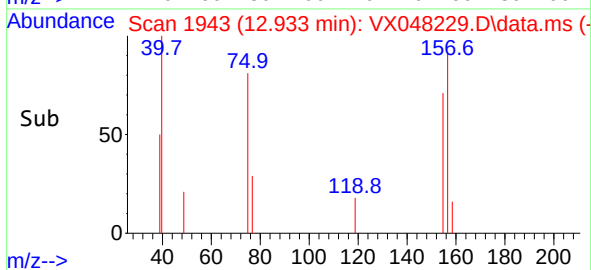
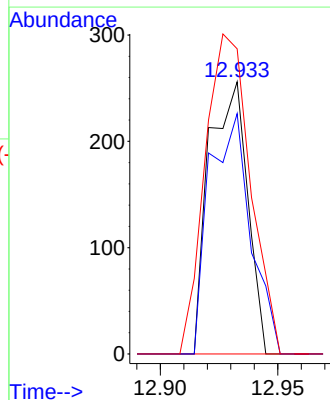
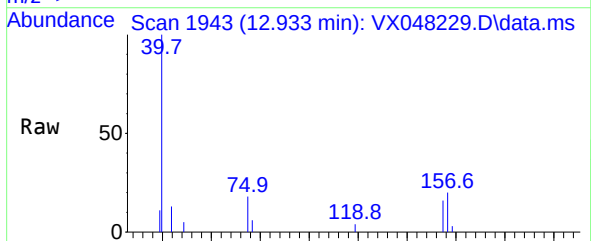
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

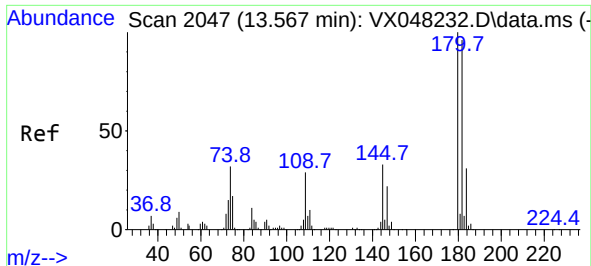
Tgt Ion:146 Resp: 3135
Ion Ratio Lower Upper
146 100
111 42.9 21.9 65.5
148 59.5 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.824 ug/l
RT: 12.933 min Scan# 1943
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 75 Resp: 290
Ion Ratio Lower Upper
75 100
155 95.2 42.8 128.4
157 139.0 54.2 162.6

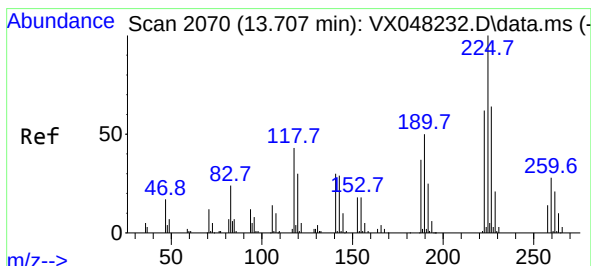
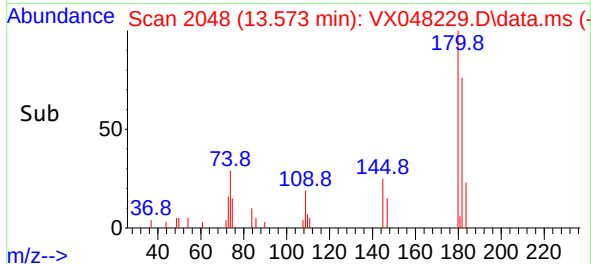
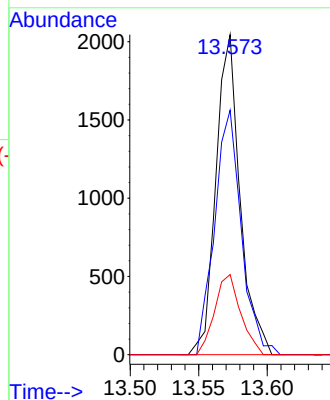
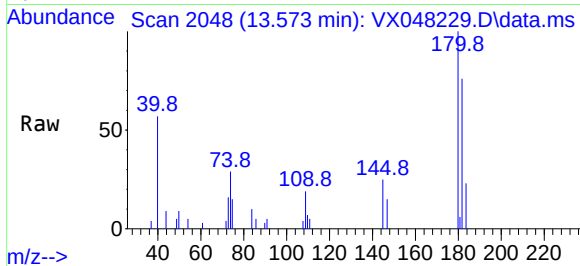




#93
1,2,4-Trichlorobenzene
Concen: 1.314 ug/l
RT: 13.573 min Scan# 2047
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

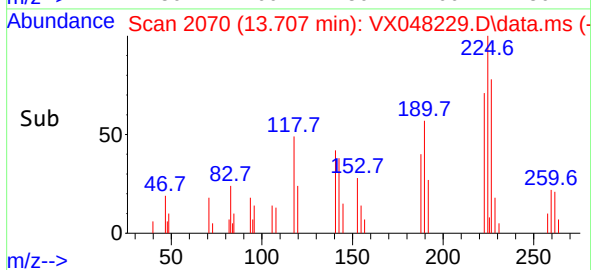
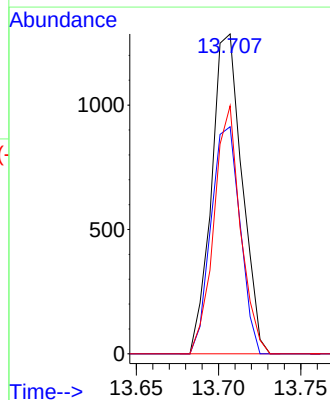
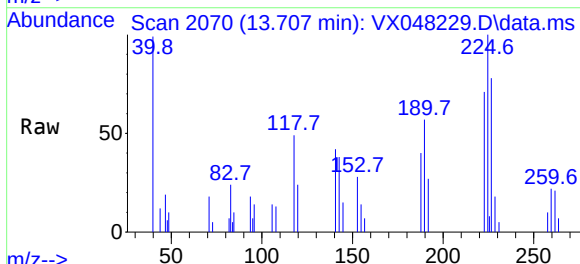
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

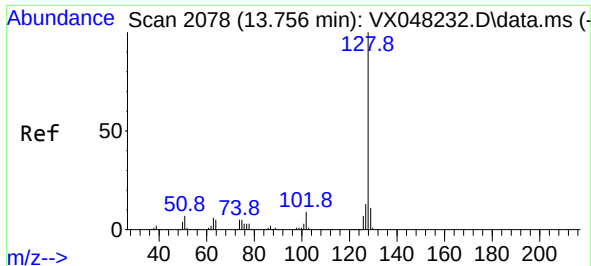
Tgt Ion:180 Resp: 2505
Ion Ratio Lower Upper
180 100
182 84.5 47.3 142.0
145 27.1 16.3 48.9



#94
Hexachlorobutadiene
Concen: 2.385 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:225 Resp: 1658
Ion Ratio Lower Upper
225 100
223 67.8 32.6 97.7
227 67.7 32.5 97.4

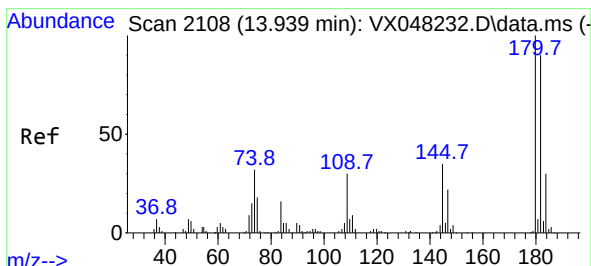
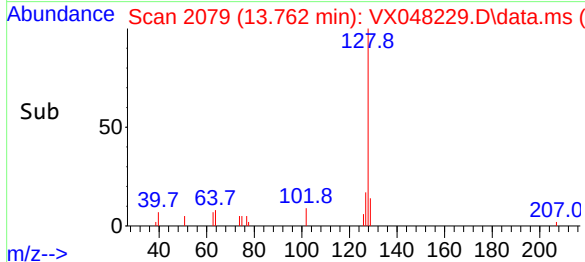
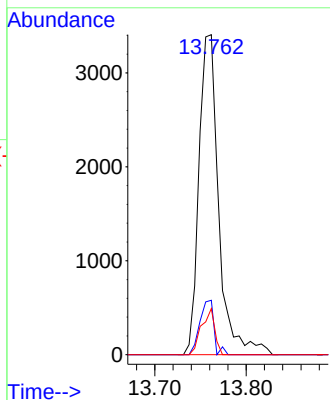
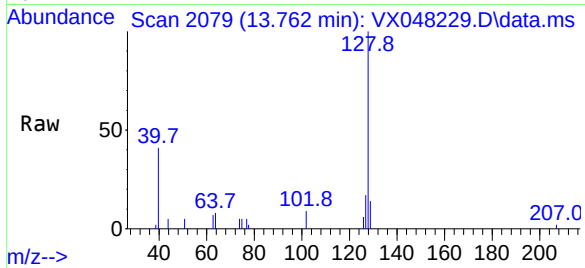




#95
Naphthalene
Concen: 1.013 ug/l
RT: 13.762 min Scan# 2078
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

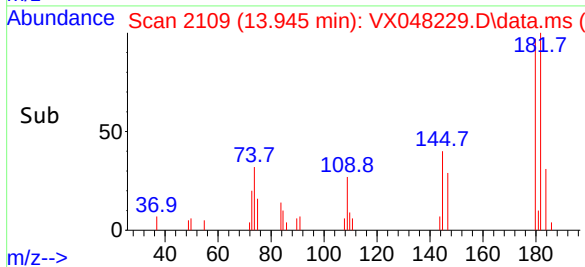
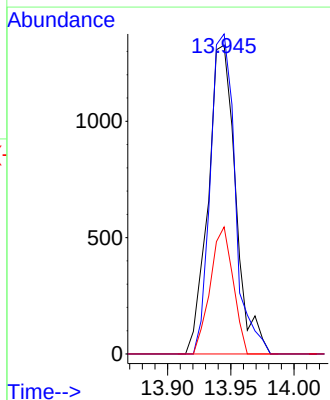
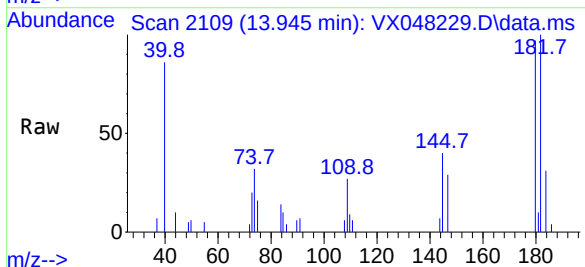
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:	128	Resp:	5116
Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.2	15.4
129	9.7	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 1.147 ug/l
RT: 13.945 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:	180	Resp:	2006
Ion	Ratio	Lower	Upper
180	100		
182	93.5	46.6	139.7
145	34.1	16.9	50.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
 Data File : VX048231.D
 Acq On : 20 Oct 2025 11:40
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Oct 25 03:34:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	119626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	195028	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	178975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	90972	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	33936	20.233	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	40.460%#
35) Dibromofluoromethane	5.373	113	26897	20.201	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	40.400%#
50) Toluene-d8	8.635	98	92476	19.815	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	39.640%#
62) 4-Bromofluorobenzene	11.061	95	34724	19.558	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	39.120%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.179	85	24524	19.942	ug/l	98
3) Chloromethane	1.300	50	22401	19.515	ug/l	100
4) Vinyl Chloride	1.380	62	20913	19.675	ug/l	94
5) Bromomethane	1.617	94	15473	21.449	ug/l	100
6) Chloroethane	1.697	64	13249	21.212	ug/l	93
7) Trichlorofluoromethane	1.898	101	41824	20.516	ug/l	98
8) Diethyl Ether	2.136	74	12293	21.431	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.337	101	25843	20.019	ug/l	96
10) Methyl Iodide	2.459	142	30452	18.764	ug/l	99
11) Tert butyl alcohol	2.947	59	16521	99.208	ug/l	100
12) 1,1-Dichloroethene	2.325	96	26209	20.868	ug/l	92
13) Acrolein	2.239	56	15157	89.242	ug/l	99
14) Allyl chloride	2.666	41	43494	20.859	ug/l	98
15) Acrylonitrile	3.056	53	63931	106.465	ug/l	97
16) Acetone	2.373	43	59884	104.075	ug/l	96
17) Carbon Disulfide	2.520	76	77142	19.489	ug/l	98
18) Methyl Acetate	2.703	43	26374	21.948	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	91349	21.321	ug/l	100
20) Methylene Chloride	2.794	84	31157	22.223	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	28001	20.297	ug/l	94
22) Diisopropyl ether	3.751	45	90030	21.648	ug/l	87
23) Vinyl Acetate	3.715	43	364009	109.571	ug/l	98
24) 1,1-Dichloroethane	3.605	63	51927	20.649	ug/l	98
25) 2-Butanone	4.544	43	78643	107.982	ug/l	95
26) 2,2-Dichloropropane	4.465	77	46568	20.516	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	33508	20.812	ug/l	98
28) Bromochloromethane	4.891	49	19339	18.547	ug/l	90
29) Tetrahydrofuran	4.995	42	47457	108.802	ug/l	94
30) Chloroform	5.080	83	57780	21.506	ug/l	99
31) Cyclohexane	5.464	56	42796	20.556	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	51929	20.972	ug/l	98
36) 1,1-Dichloropropene	5.684	75	38270	20.223	ug/l	99
37) Ethyl Acetate	4.702	43	30904	19.702	ug/l #	95
38) Carbon Tetrachloride	5.666	117	46323	19.841	ug/l	98
39) Methylcyclohexane	7.366	83	42776	19.140	ug/l	94
40) Benzene	6.025	78	115488	21.020	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
 Data File : VX048231.D
 Acq On : 20 Oct 2025 11:40
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Oct 25 03:34:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	18461	22.411	ug/l	97
42) 1,2-Dichloroethane	6.074	62	44176	21.789	ug/l	100
43) Isopropyl Acetate	6.324	43	55317	21.469	ug/l	96
44) Trichloroethene	7.110	130	29108	20.064	ug/l	90
45) 1,2-Dichloropropane	7.421	63	28242	21.620	ug/l	97
46) Dibromomethane	7.568	93	21605	21.229	ug/l	92
47) Bromodichloromethane	7.805	83	46221	21.034	ug/l	100
48) Methyl methacrylate	7.677	41	27751	21.344	ug/l	94
49) 1,4-Dioxane	7.647	88	7620	443.623	ug/l	91
51) 4-Methyl-2-Pentanone	8.555	43	164708	110.873	ug/l	94
52) Toluene	8.702	92	73623	21.093	ug/l	98
53) t-1,3-Dichloropropene	8.964	75	45416	21.447	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	47130	20.629	ug/l	96
55) 1,1,2-Trichloroethane	9.134	97	27884	21.482	ug/l	98
56) Ethyl methacrylate	9.104	69	41809	22.021	ug/l	93
57) 1,3-Dichloropropane	9.293	76	47896	21.602	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	104883	103.739	ug/l	96
59) 2-Hexanone	9.415	43	116268	112.243	ug/l	95
60) Dibromochloromethane	9.506	129	37127	21.281	ug/l	98
61) 1,2-Dibromoethane	9.598	107	30639	22.141	ug/l	96
64) Tetrachloroethene	9.256	164	27043	20.240	ug/l	89
65) Chlorobenzene	10.061	112	83004	20.617	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	30278	20.475	ug/l	98
67) Ethyl Benzene	10.177	91	139895	20.409	ug/l	98
68) m/p-Xylenes	10.287	106	107377	42.161	ug/l	100
69) o-Xylene	10.622	106	50950	20.721	ug/l	98
70) Styrene	10.640	104	88481	21.134	ug/l	99
71) Bromoform	10.780	173	25027	21.175	ug/l #	100
73) Isopropylbenzene	10.945	105	133034	20.021	ug/l	99
74) N-amyl acetate	10.829	43	48726	20.674	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.195	83	38748	21.354	ug/l	98
76) 1,2,3-Trichloropropane	11.219	75	40571	27.501	ug/l	84
77) Bromobenzene	11.183	156	33843	20.313	ug/l	95
78) n-propylbenzene	11.286	91	154839	20.126	ug/l	98
79) 2-Chlorotoluene	11.347	91	95156	20.401	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	112057	20.379	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	12001	19.791	ug/l	94
82) 4-Chlorotoluene	11.439	91	113495	20.498	ug/l	98
83) tert-Butylbenzene	11.695	119	112305	19.878	ug/l	97
84) 1,2,4-Trimethylbenzene	11.732	105	111976	20.405	ug/l	100
85) sec-Butylbenzene	11.872	105	134014	19.716	ug/l	100
86) p-Isopropyltoluene	11.994	119	114969	19.568	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	63377	20.178	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	65612	20.165	ug/l	99
89) n-Butylbenzene	12.317	91	102140	19.100	ug/l	99
90) Hexachloroethane	12.518	117	22609	19.487	ug/l	94
91) 1,2-Dichlorobenzene	12.317	146	59345	20.125	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	7983	21.674	ug/l	94
93) 1,2,4-Trichlorobenzene	13.567	180	35465	17.784	ug/l	98
94) Hexachlorobutadiene	13.707	225	14529	19.483	ug/l	98
95) Naphthalene	13.756	128	104803	19.836	ug/l	99
96) 1,2,3-Trichlorobenzene	13.945	180	34276	18.730	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048231.D
Acq On : 20 Oct 2025 11:40
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Quant Time: Oct 25 03:34:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

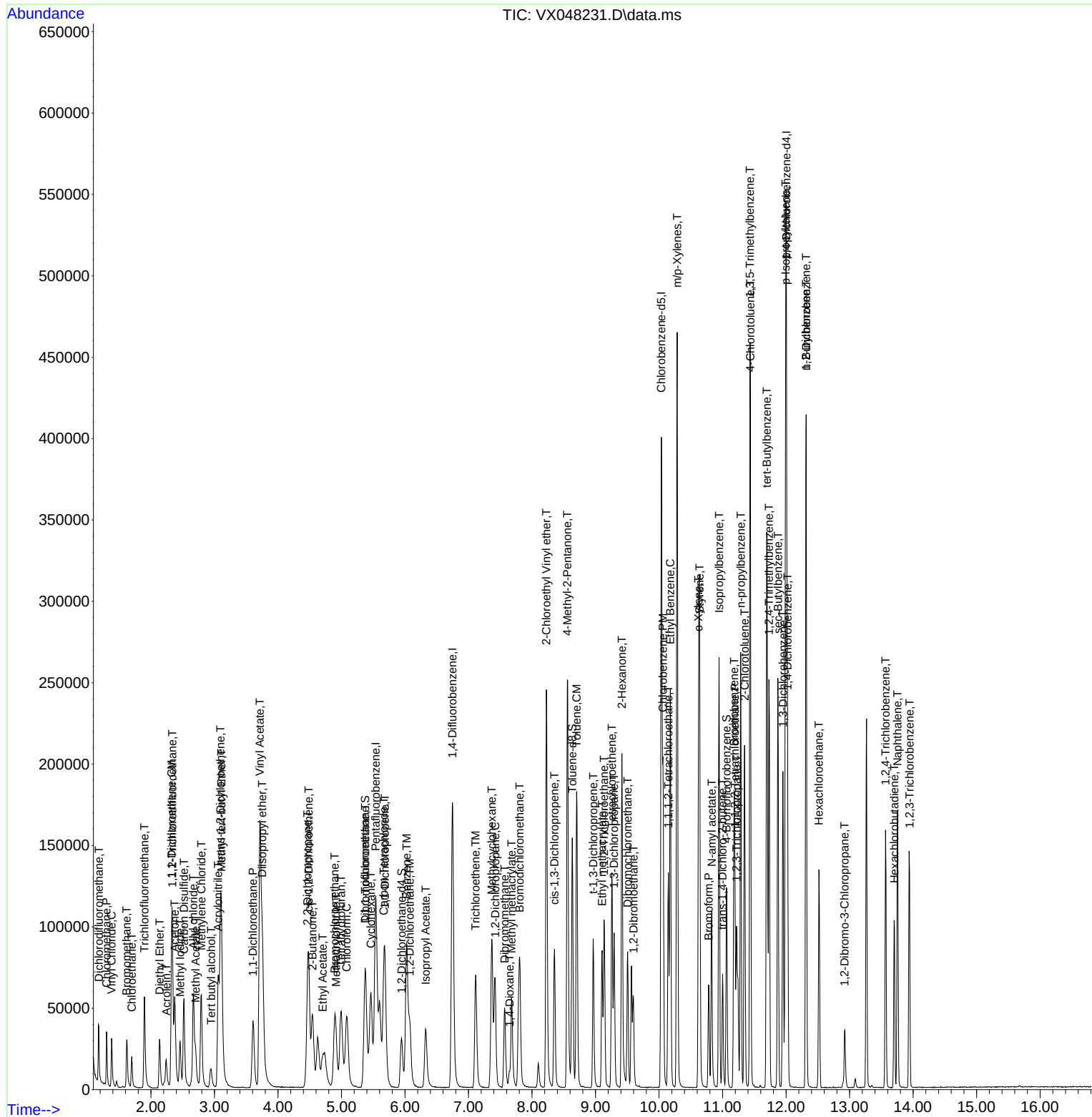
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

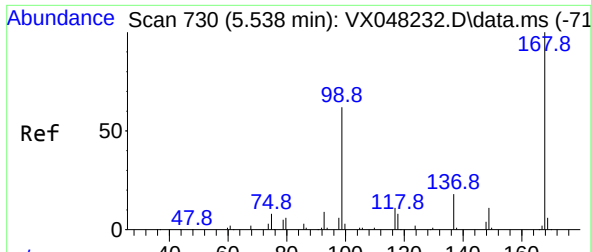
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048231.D
Acq On : 20 Oct 2025 11:40
Operator : JC/MD
Sample : VSTDIC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Quant Time: Oct 25 03:34:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

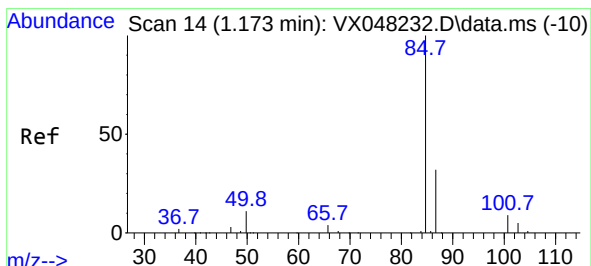
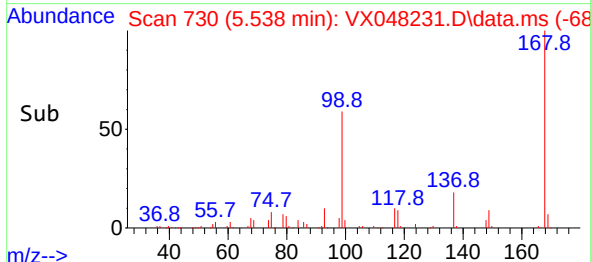
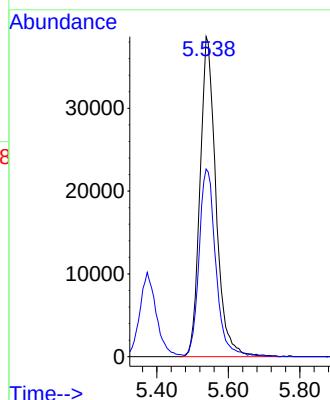
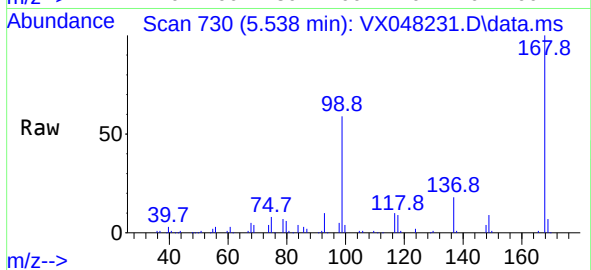




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

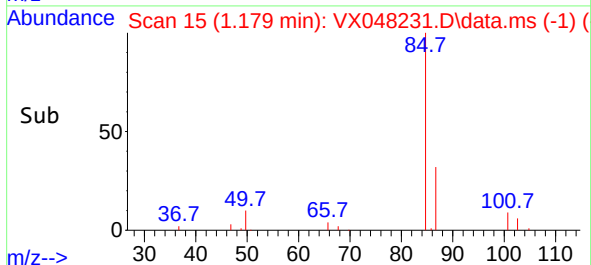
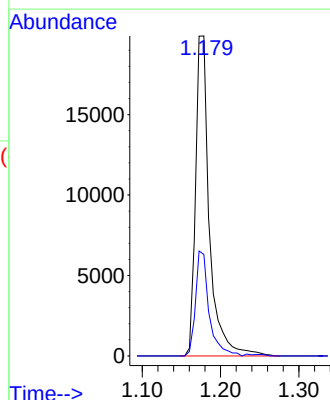
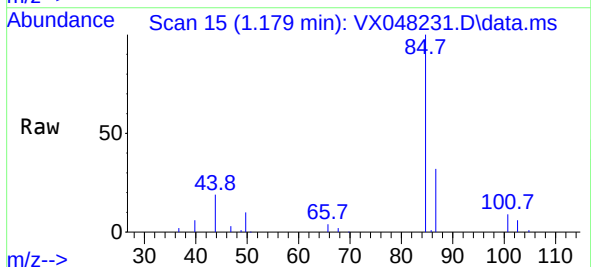
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:168 Resp: 119626
Ion Ratio Lower Upper
168 100
99 58.7 46.4 69.6

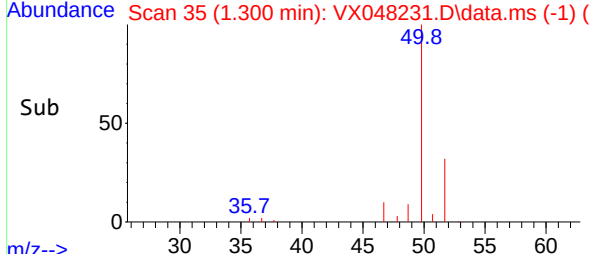
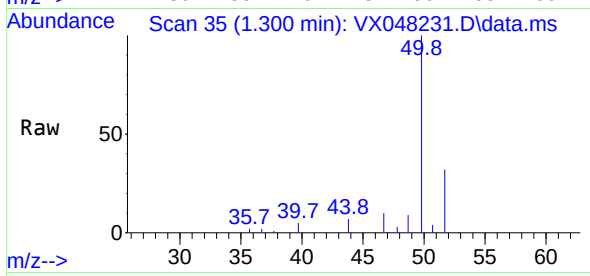
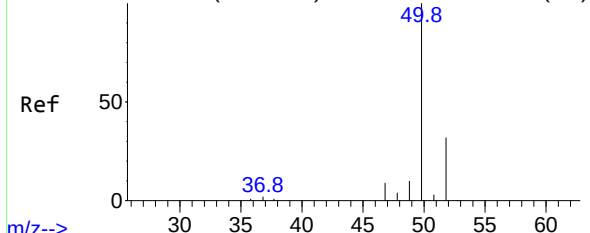


#2
Dichlorodifluoromethane
Concen: 19.942 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 85 Resp: 24524
Ion Ratio Lower Upper
85 100
87 31.7 15.3 45.9



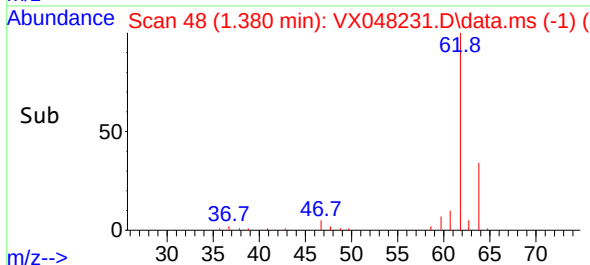
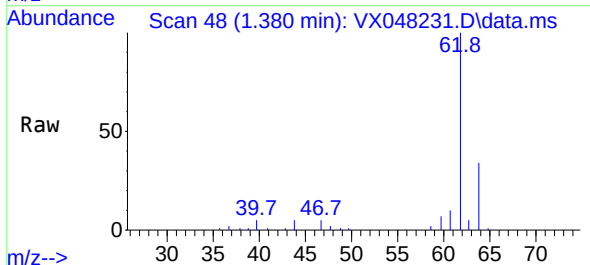
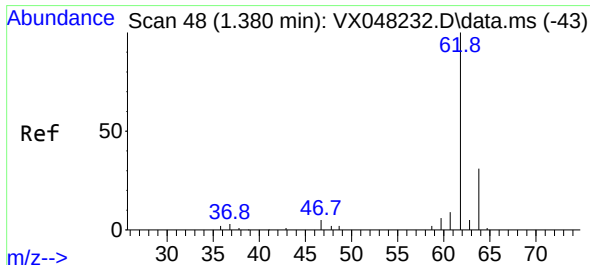
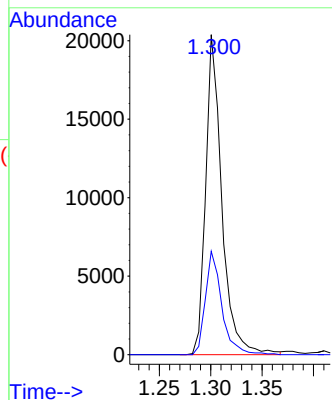
Abundance Scan 35 (1.301 min): VX048232.D\data.ms (-30)



#3
Chloromethane
Concen: 19.515 ug/l
RT: 1.300 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

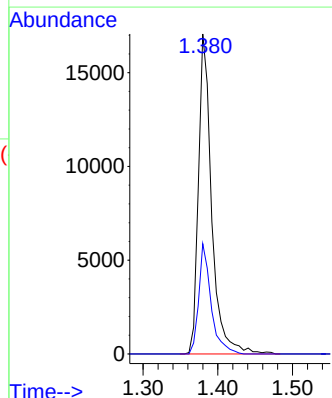
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

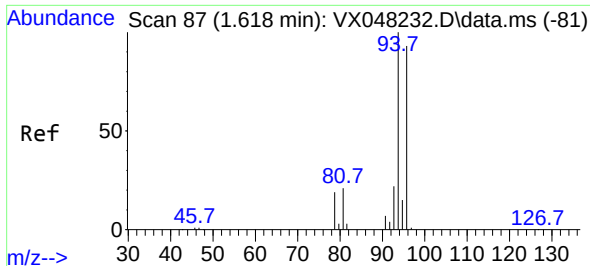
Tgt Ion: 50 Resp: 22401
Ion Ratio Lower Upper
50 100
52 32.3 25.9 38.9



#4
Vinyl Chloride
Concen: 19.675 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 62 Resp: 20913
Ion Ratio Lower Upper
62 100
64 34.5 25.1 37.7

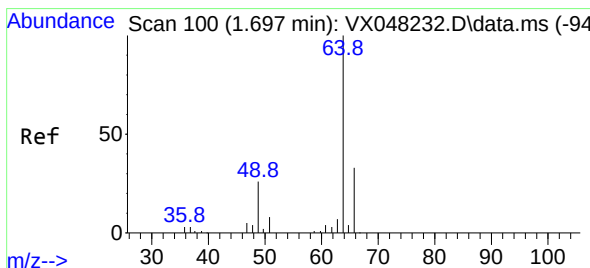
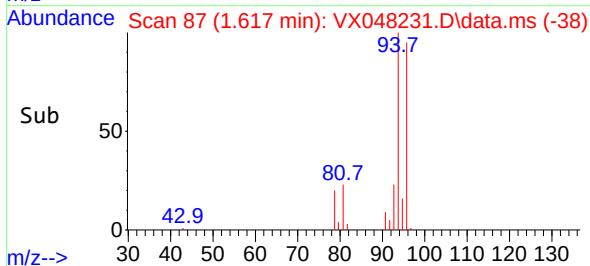
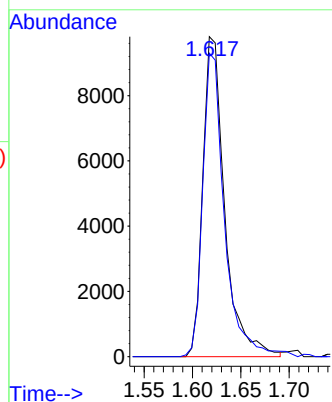
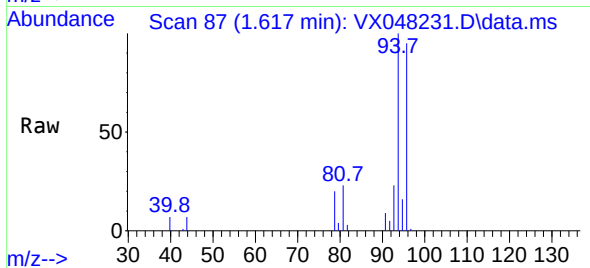




#5
Bromomethane
Concen: 21.449 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

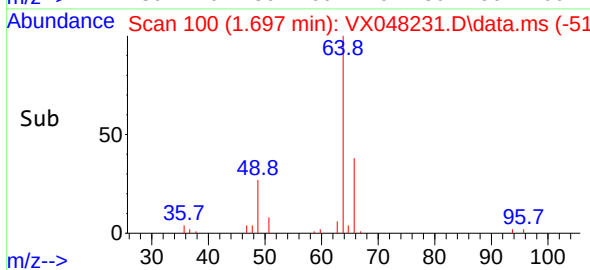
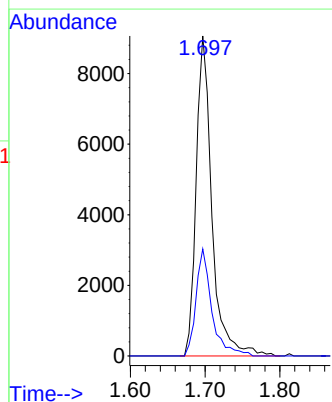
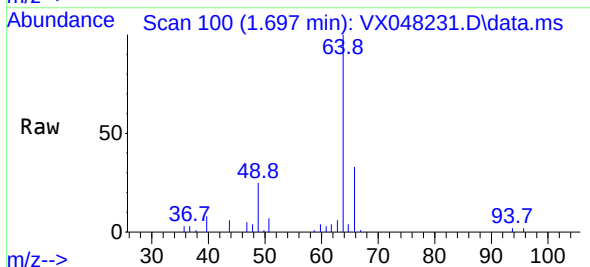
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

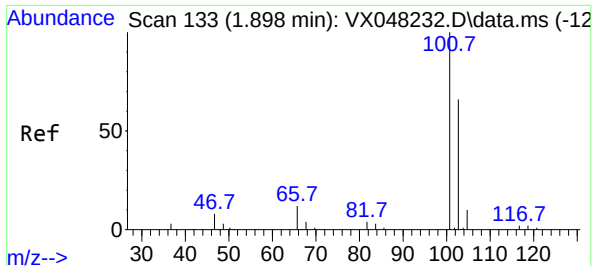
Tgt Ion: 94 Resp: 15473
Ion Ratio Lower Upper
94 100
96 94.8 76.0 114.0



#6
Chloroethane
Concen: 21.212 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 64 Resp: 13249
Ion Ratio Lower Upper
64 100
66 33.4 23.9 35.9

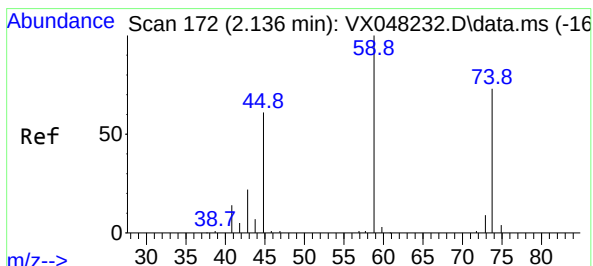
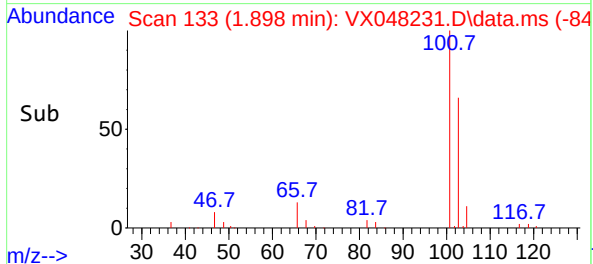
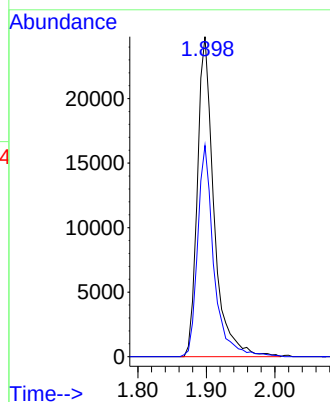
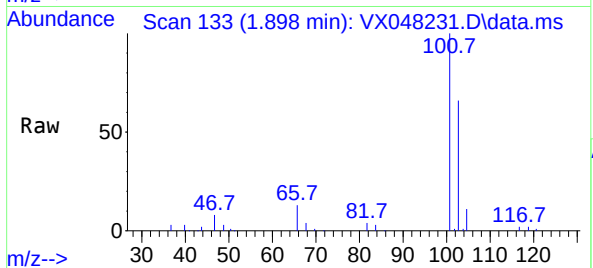




#7
Trichlorofluoromethane
Concen: 20.516 ug/l
RT: 1.898 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

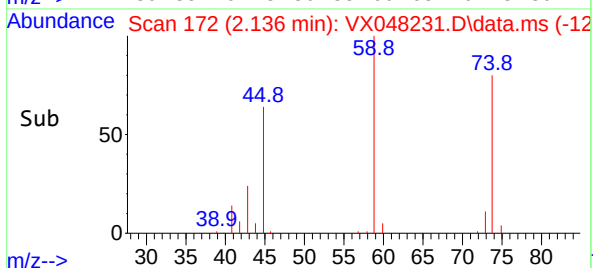
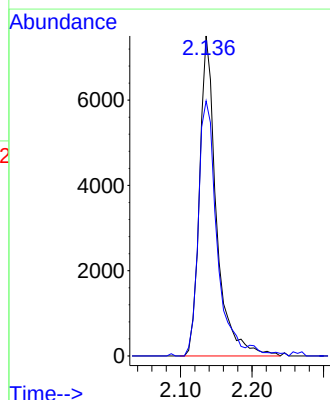
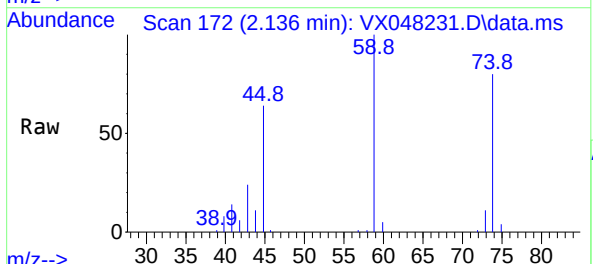
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

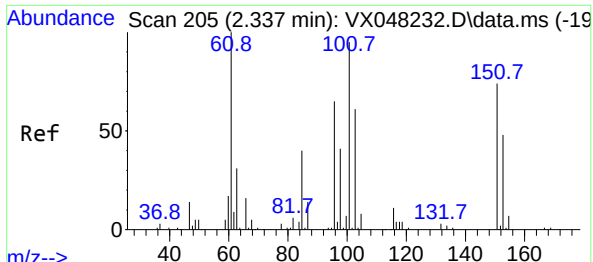
Tgt Ion:101 Resp: 41824
Ion Ratio Lower Upper
101 100
103 66.0 51.6 77.4



#8
Diethyl Ether
Concen: 21.431 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 74 Resp: 12293
Ion Ratio Lower Upper
74 100
45 86.6 50.0 149.8

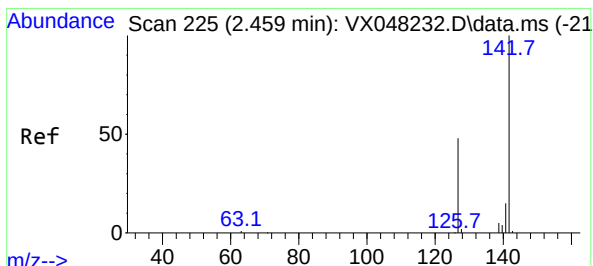
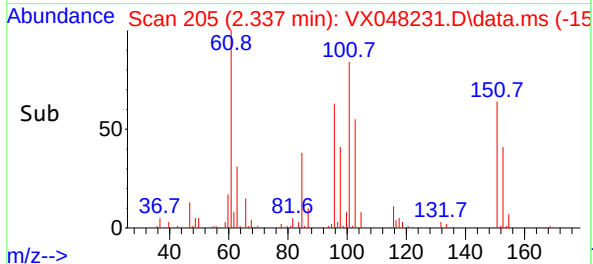
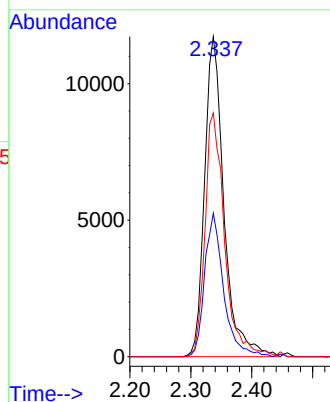
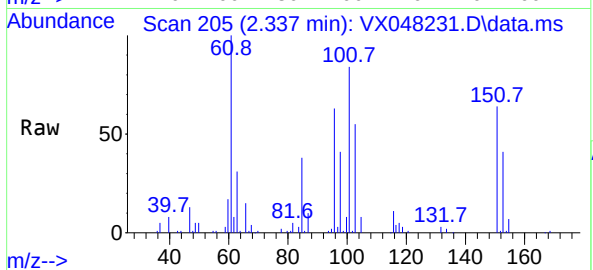




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.019 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

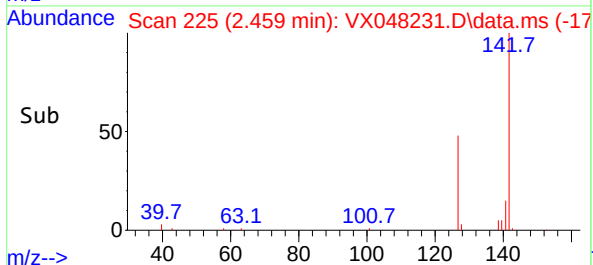
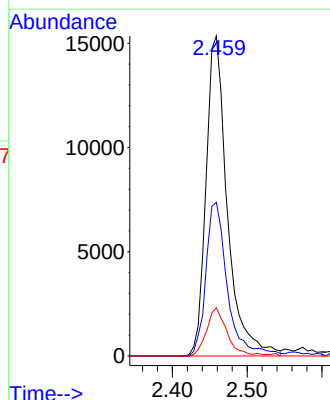
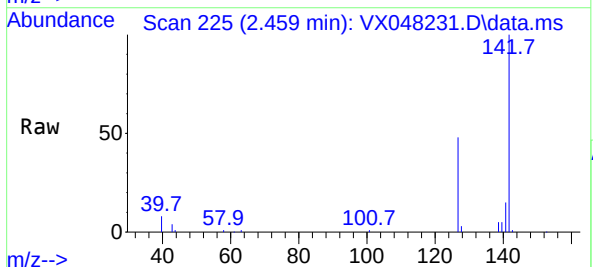
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

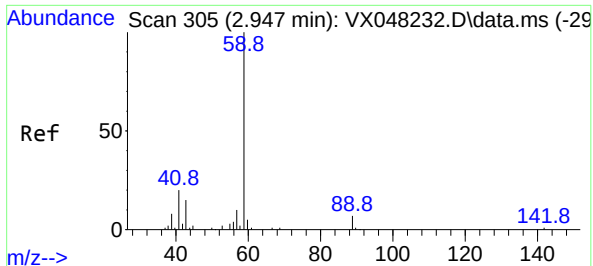
Tgt Ion:101 Resp: 25843
Ion Ratio Lower Upper
101 100
85 44.1 35.6 53.4
151 76.9 58.0 87.0



#10
Methyl Iodide
Concen: 18.764 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:142 Resp: 30452
Ion Ratio Lower Upper
142 100
127 48.4 38.5 57.7
141 14.2 11.6 17.4

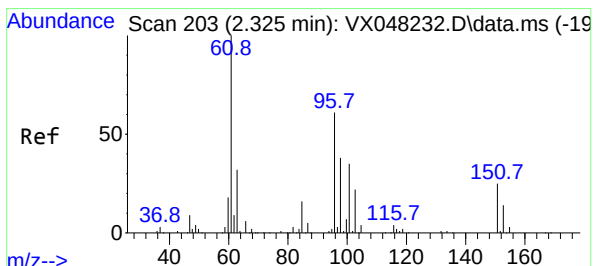
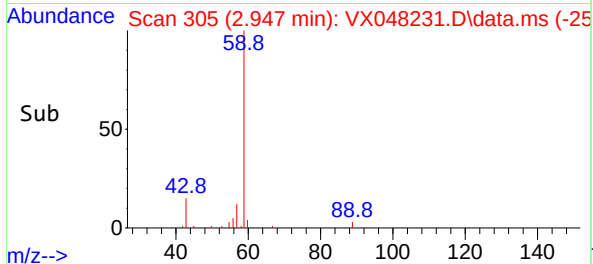
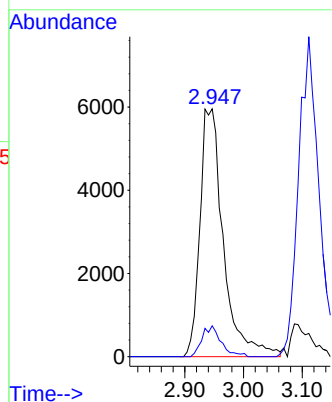
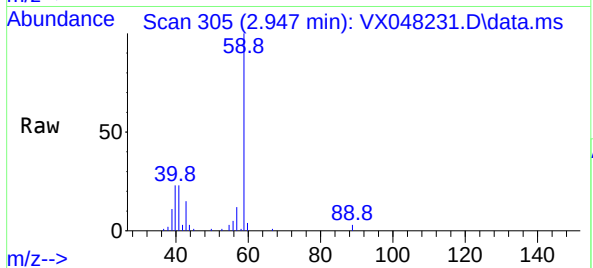




#11
Tert butyl alcohol
Concen: 99.208 ug/l
RT: 2.947 min Scan# 305
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

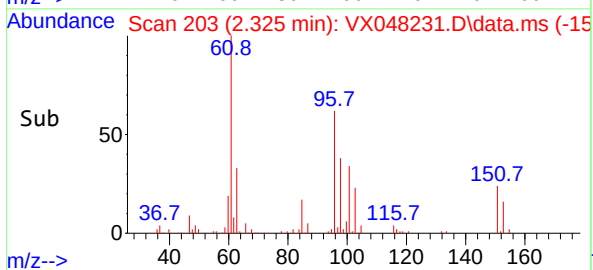
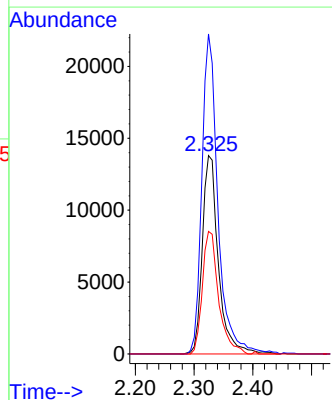
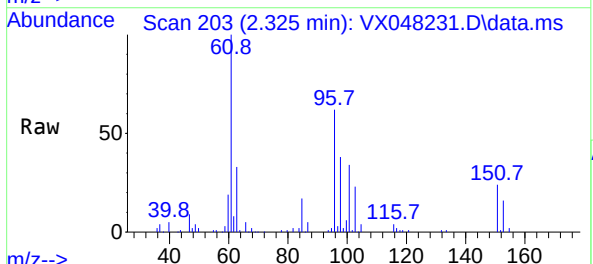
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

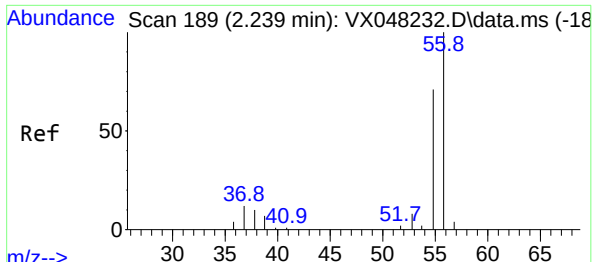
Tgt Ion: 59 Resp: 16521
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4



#12
1,1-Dichloroethene
Concen: 20.868 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 96 Resp: 26209
Ion Ratio Lower Upper
96 100
61 161.3 139.0 208.6
98 61.7 52.4 78.6

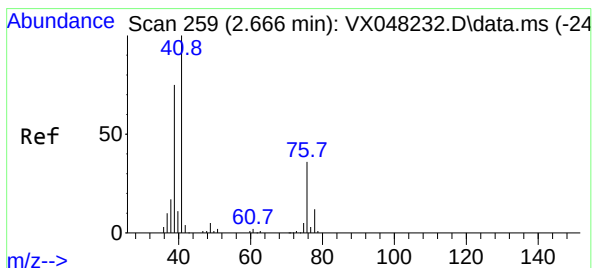
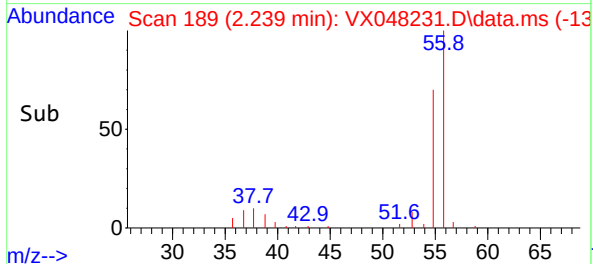
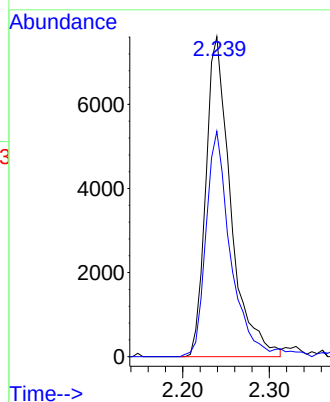
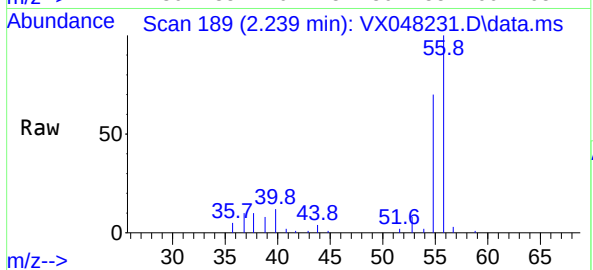




#13
Acrolein
Concen: 89.242 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

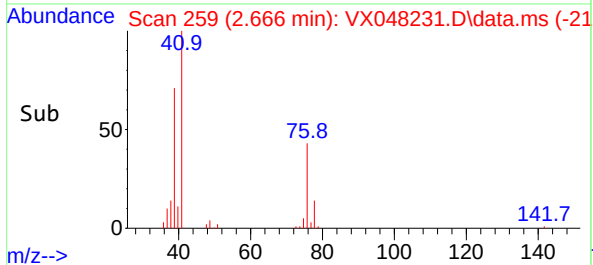
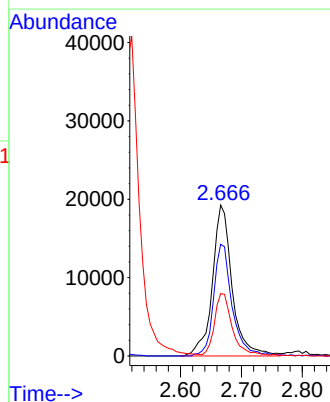
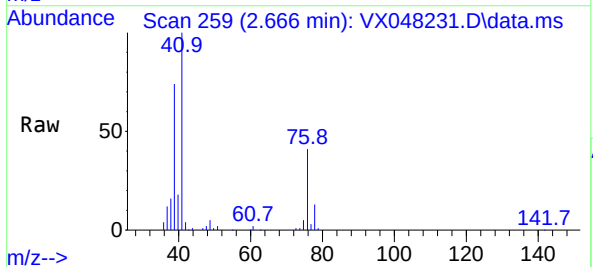
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

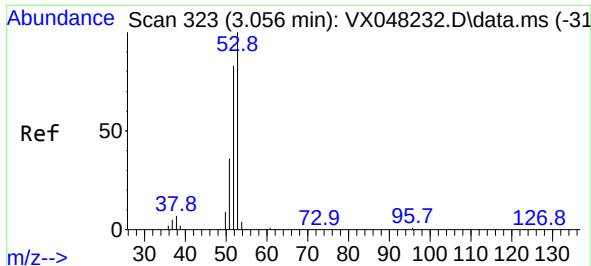
Tgt Ion: 56 Resp: 15157
Ion Ratio Lower Upper
56 100
55 70.8 56.1 84.1



#14
Allyl chloride
Concen: 20.859 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 41 Resp: 43494
Ion Ratio Lower Upper
41 100
39 69.2 56.0 84.0
76 36.0 27.5 41.3

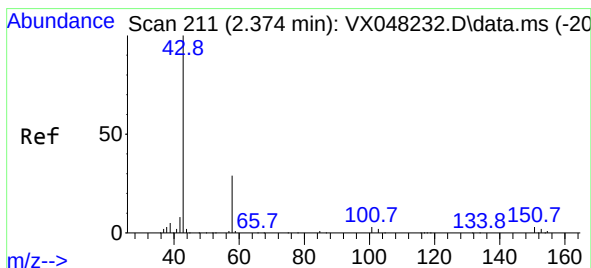
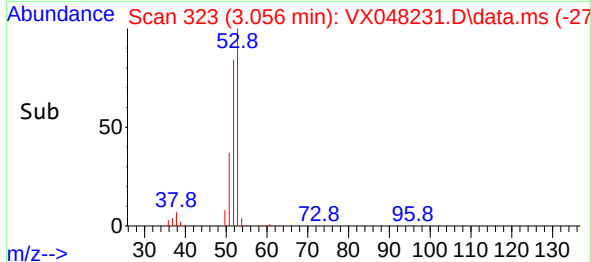
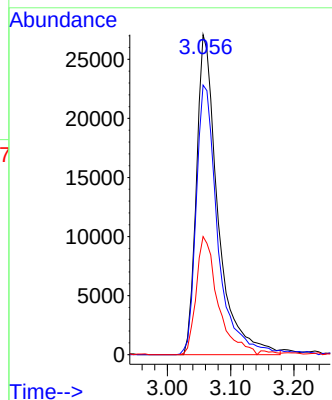
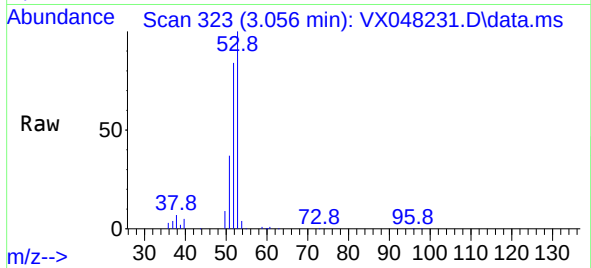




#15
Acrylonitrile
Concen: 106.465 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

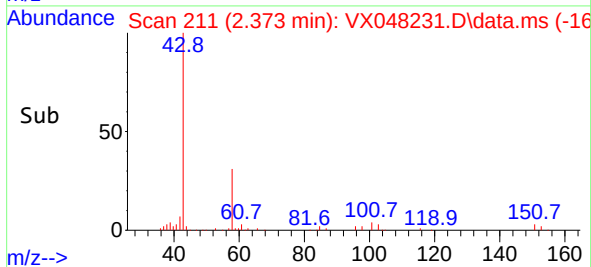
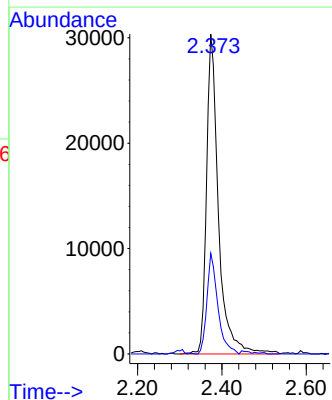
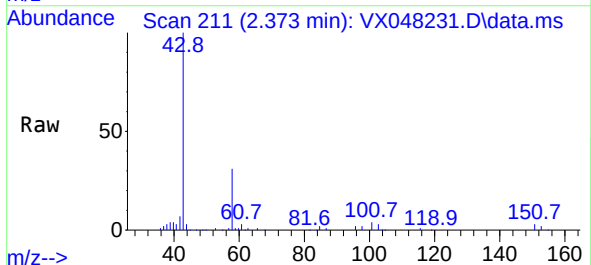
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

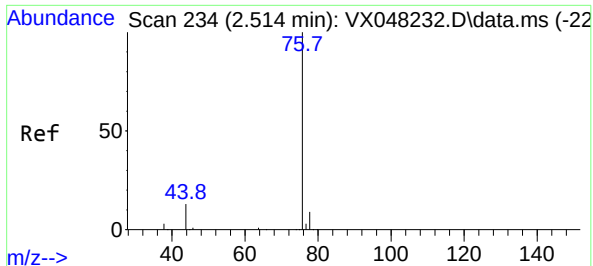
Tgt Ion: 53 Resp: 63931
Ion Ratio Lower Upper
53 100
52 86.2 66.1 99.1
51 37.4 29.0 43.4



#16
Acetone
Concen: 104.075 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 43 Resp: 59884
Ion Ratio Lower Upper
43 100
58 31.3 23.4 35.2

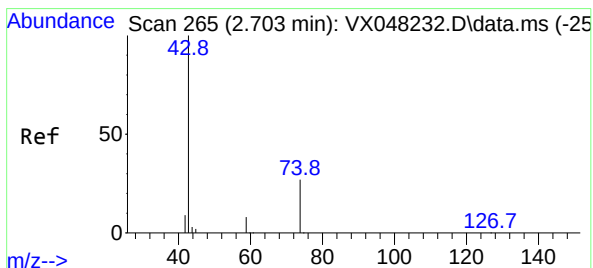
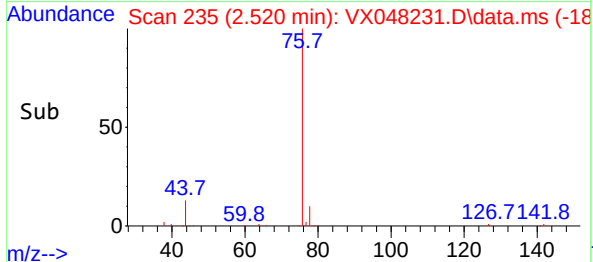
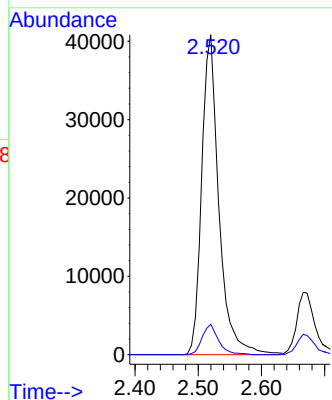
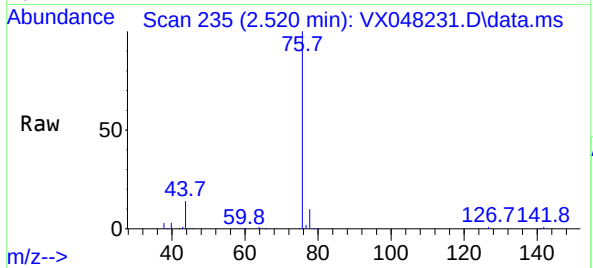




#17
Carbon Disulfide
Concen: 19.489 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

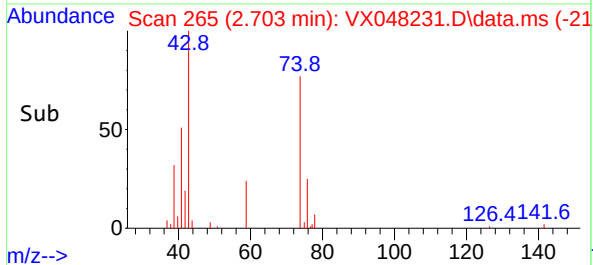
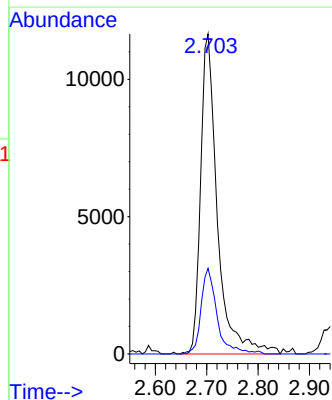
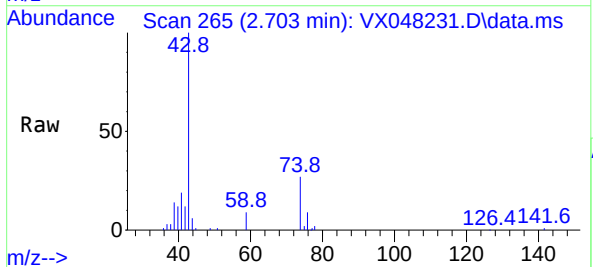
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

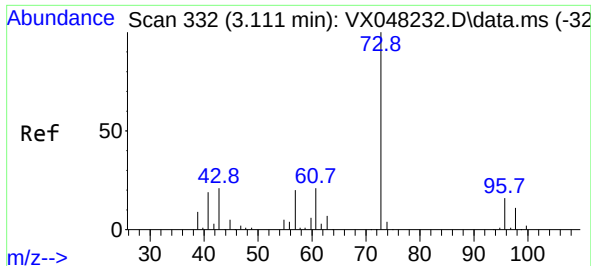
Tgt Ion: 76 Resp: 77142
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7



#18
Methyl Acetate
Concen: 21.948 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 43 Resp: 26374
Ion Ratio Lower Upper
43 100
74 25.7 17.5 26.3

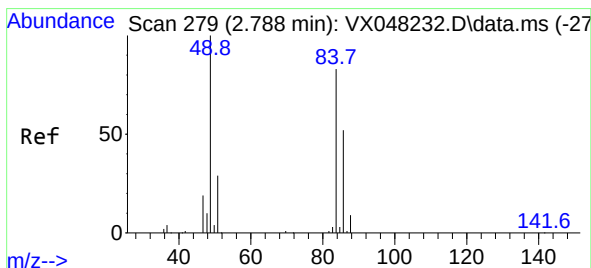
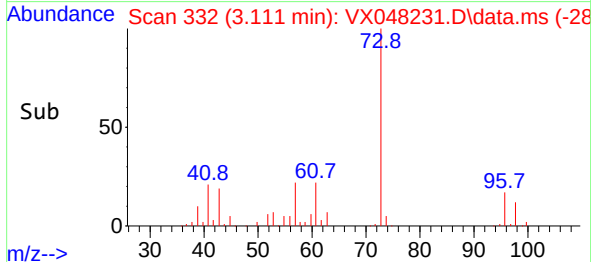
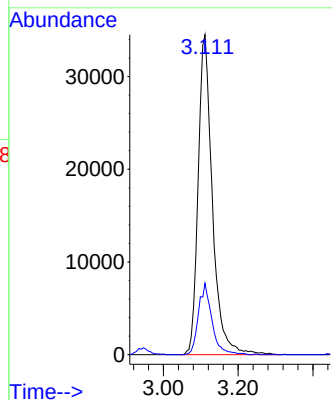
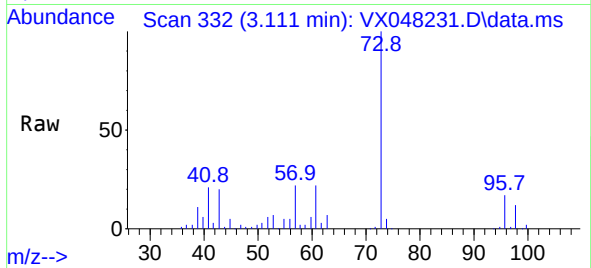




#19
Methyl tert-butyl Ether
Concen: 21.321 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

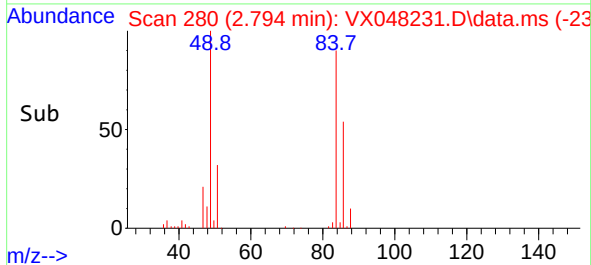
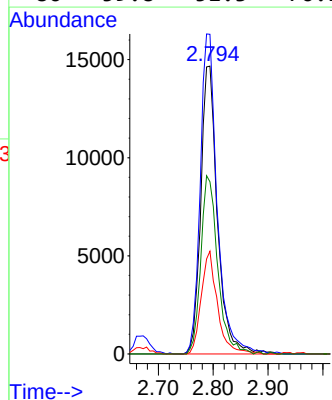
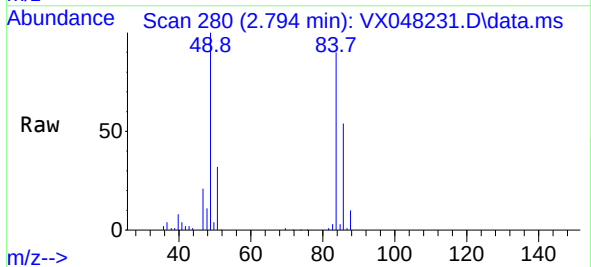
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

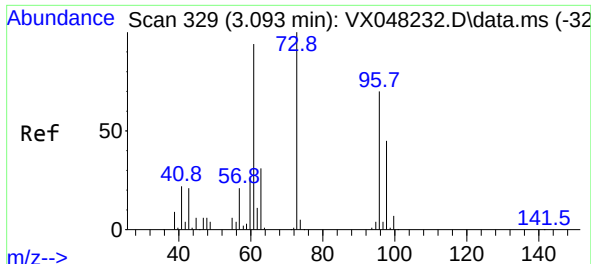
Tgt Ion: 73 Resp: 91349
Ion Ratio Lower Upper
73 100
57 22.3 17.7 26.5



#20
Methylene Chloride
Concen: 22.223 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 84 Resp: 31157
Ion Ratio Lower Upper
84 100
49 111.1 104.1 156.1
51 35.7 31.3 46.9
86 59.8 51.3 76.9

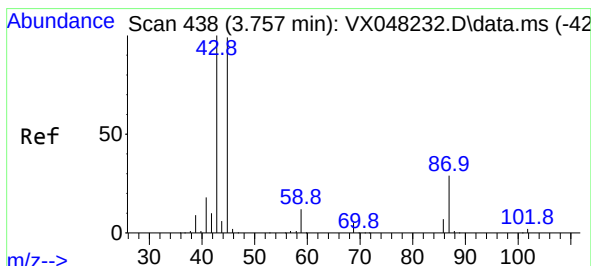
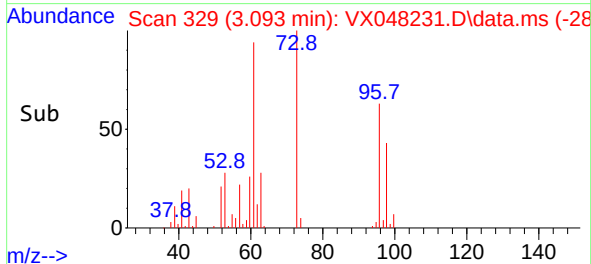
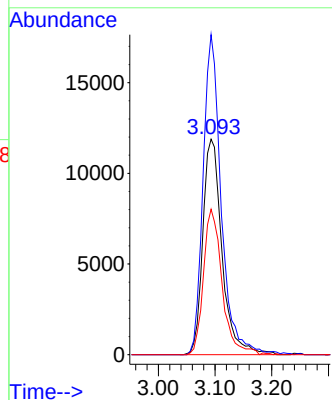
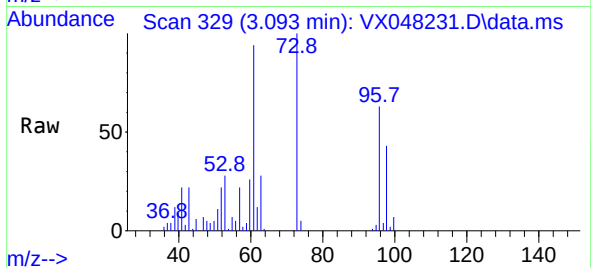




#21
trans-1,2-Dichloroethene
Concen: 20.297 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

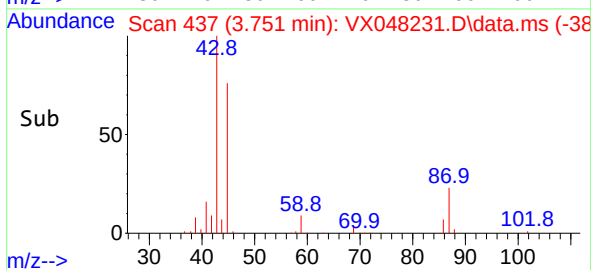
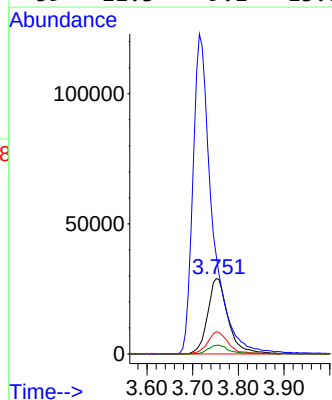
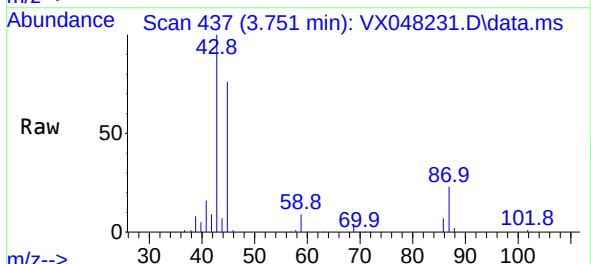
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

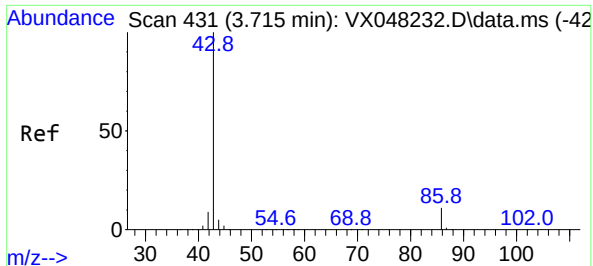
Tgt Ion: 96 Resp: 28001
Ion Ratio Lower Upper
96 100
61 148.5 111.9 167.9
98 67.5 51.2 76.8



#22
Diisopropyl ether
Concen: 21.648 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 45 Resp: 90030
Ion Ratio Lower Upper
45 100
43 129.3 89.8 134.8
87 29.6 20.6 31.0
59 11.3 9.1 13.7

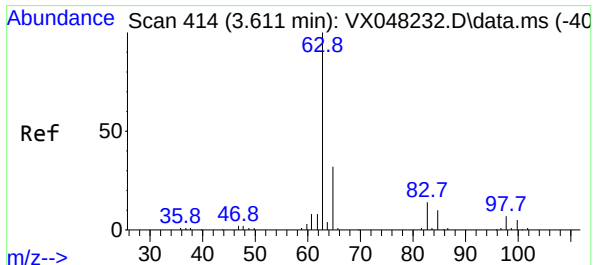
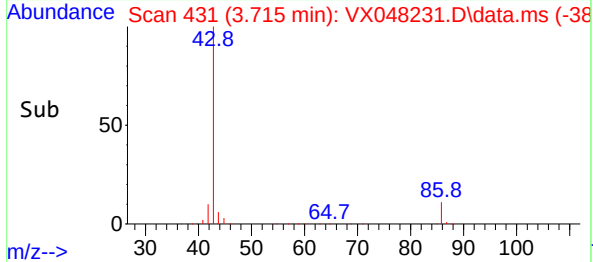
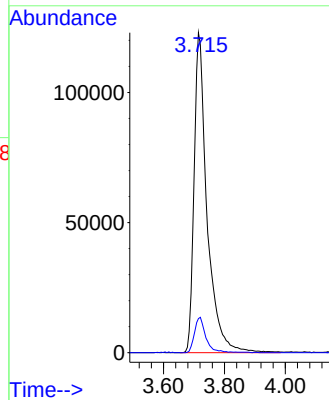
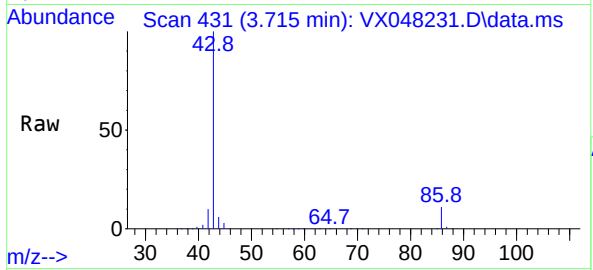




#23
 Vinyl Acetate
 Concen: 109.571 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX048231.D
 Acq: 20 Oct 2025 11:40

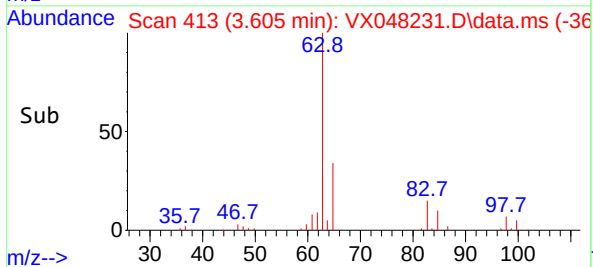
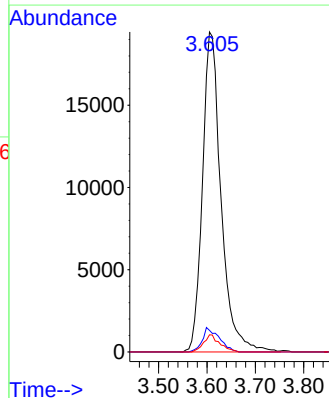
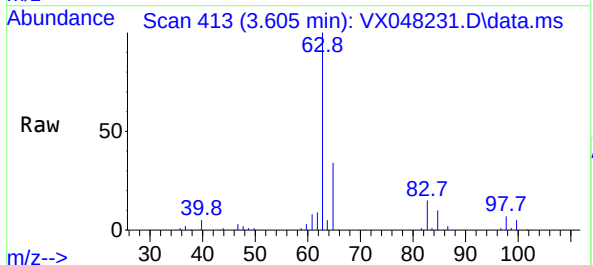
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

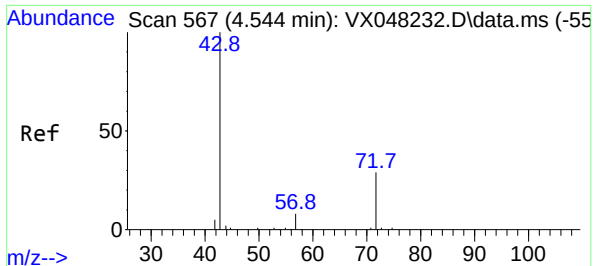
Tgt Ion: 43 Resp: 364009
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 20.649 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX048231.D
 Acq: 20 Oct 2025 11:40

Tgt Ion: 63 Resp: 51927
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.6
 100 5.4 2.1 6.3





#25

2-Butanone

Concen: 107.982 ug/l

RT: 4.544 min Scan# 5

Delta R.T. 0.006 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

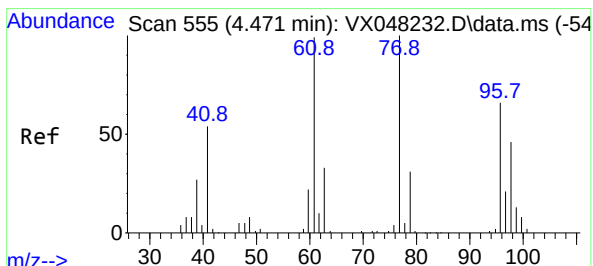
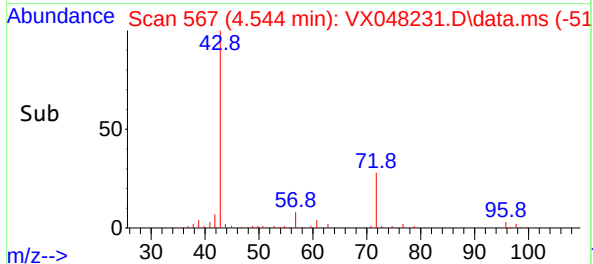
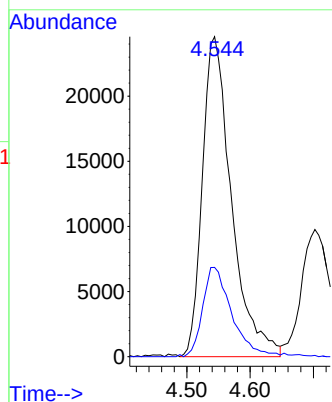
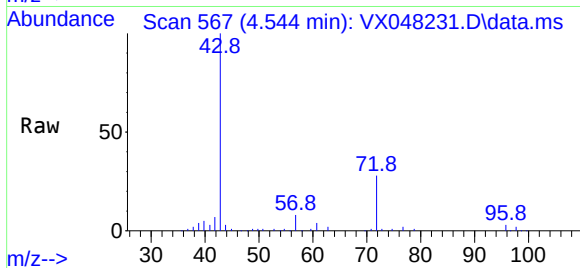
VSTDIC020

Tgt Ion: 43 Resp: 78643

Ion Ratio Lower Upper

43 100

72 27.6 19.9 29.9



#26

2,2-Dichloropropane

Concen: 20.516 ug/l

RT: 4.465 min Scan# 554

Delta R.T. -0.000 min

Lab File: VX048231.D

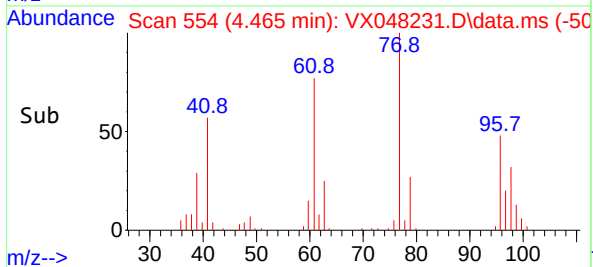
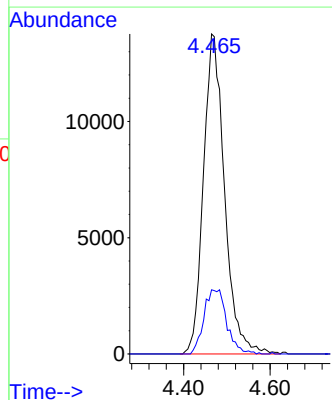
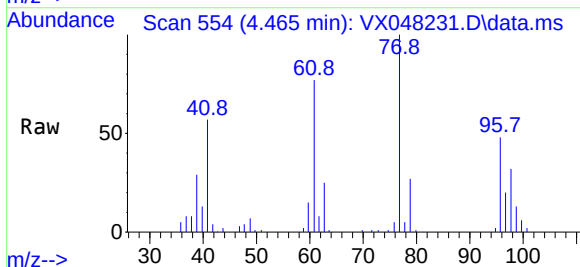
Acq: 20 Oct 2025 11:40

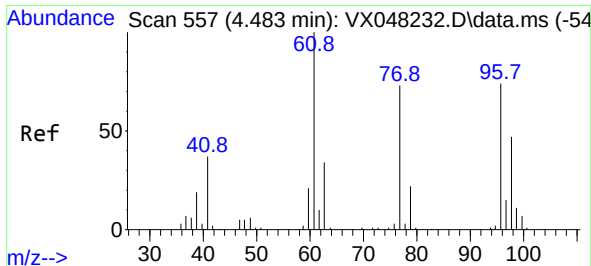
Tgt Ion: 77 Resp: 46568

Ion Ratio Lower Upper

77 100

97 21.7 11.1 33.3



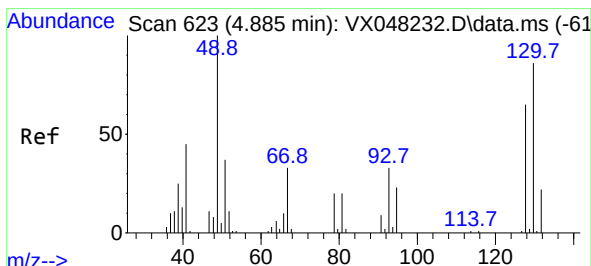
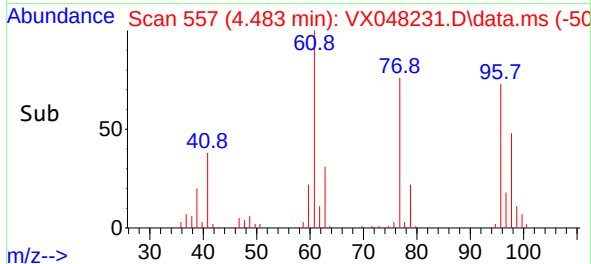
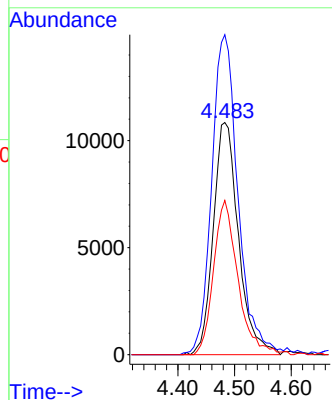
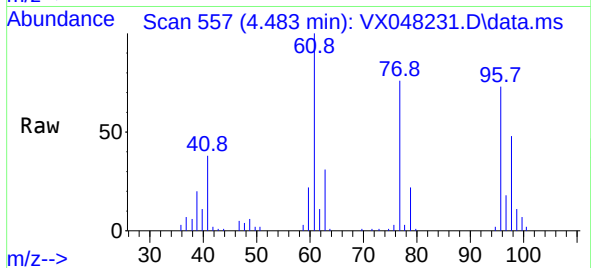


#27
 cis-1,2-Dichloroethene
 Concen: 20.812 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX048231.D
 Acq: 20 Oct 2025 11:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion: 96 Resp: 33508

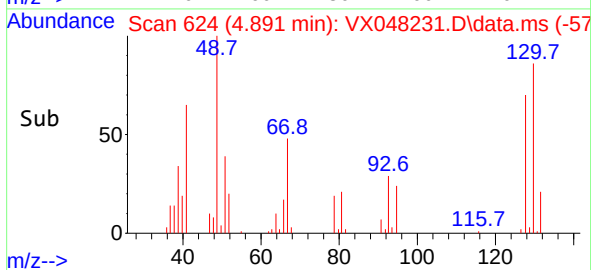
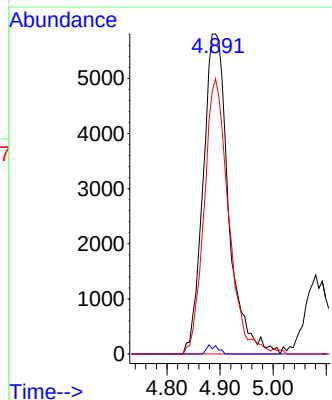
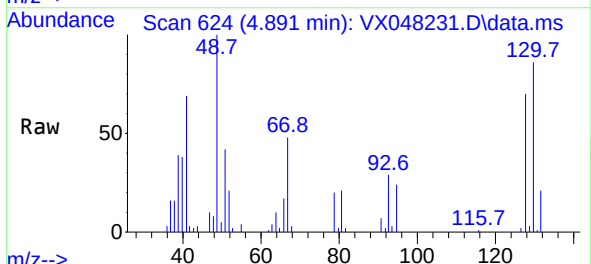
Ion	Ratio	Lower	Upper
96	100		
61	143.9	0.0	294.2
98	64.3	0.0	128.4

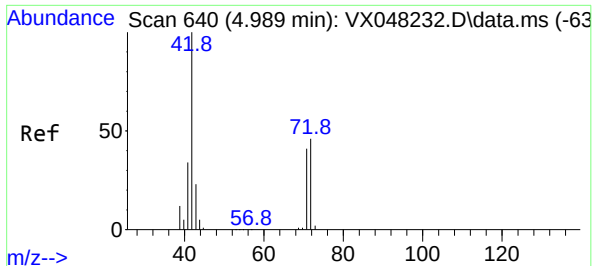


#28
 Bromochloromethane
 Concen: 18.547 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. 0.006 min
 Lab File: VX048231.D
 Acq: 20 Oct 2025 11:40

Tgt Ion: 49 Resp: 19339

Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	4.4
130	82.7	59.3	88.9





#29

Tetrahydrofuran

Concen: 108.802 ug/l

RT: 4.995 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

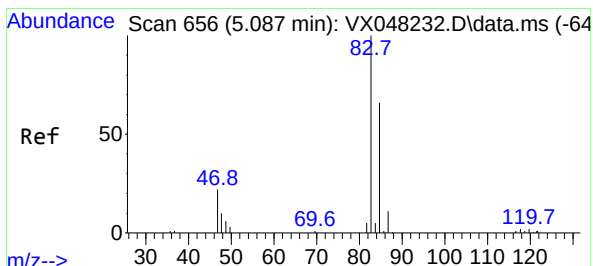
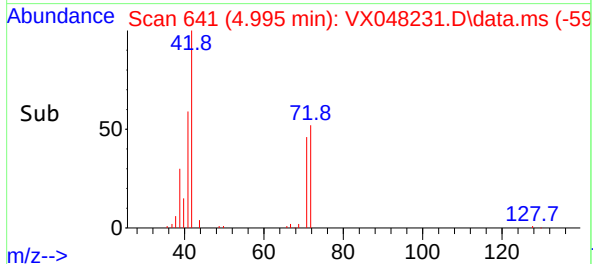
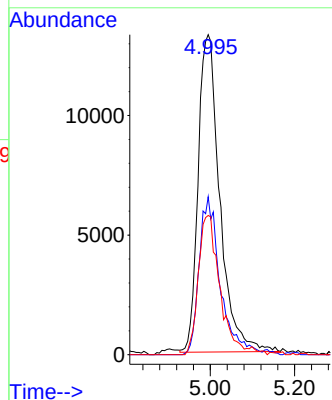
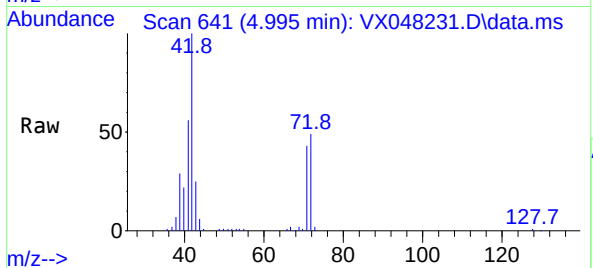
Tgt Ion: 42 Resp: 47457

Ion Ratio Lower Upper

42 100

72 48.5 35.3 52.9

71 43.2 32.2 48.4



#30

Chloroform

Concen: 21.506 ug/l

RT: 5.080 min Scan# 655

Delta R.T. -0.000 min

Lab File: VX048231.D

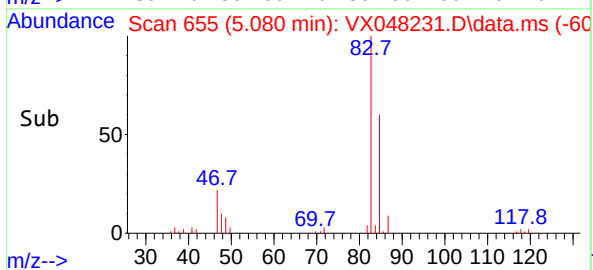
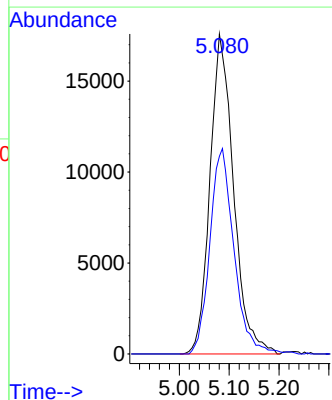
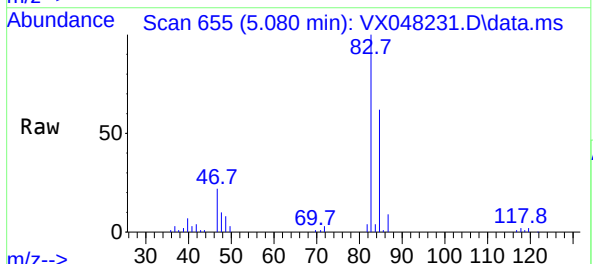
Acq: 20 Oct 2025 11:40

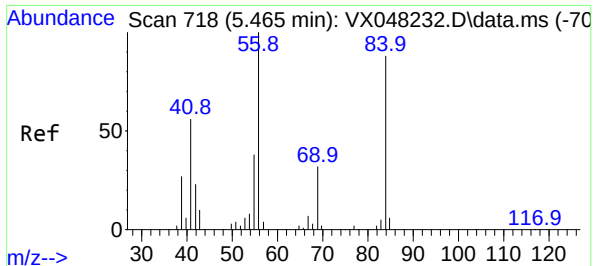
Tgt Ion: 83 Resp: 57780

Ion Ratio Lower Upper

83 100

85 63.1 50.1 75.1

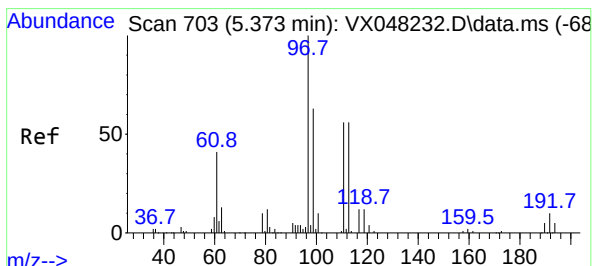
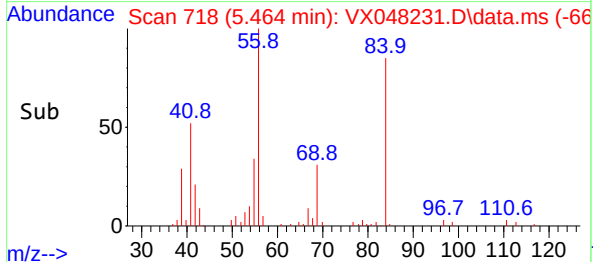
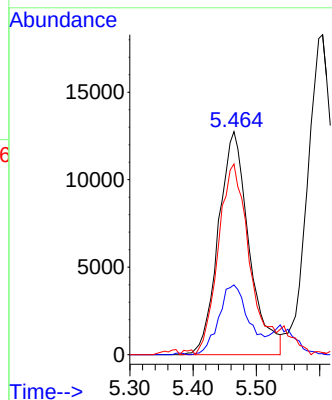
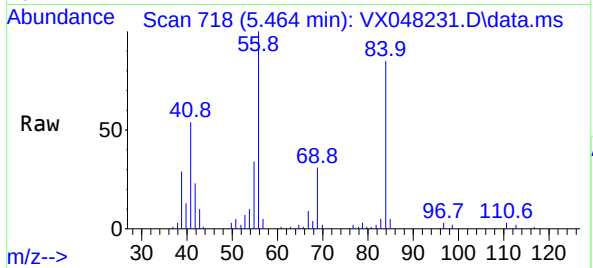




#31
Cyclohexane
Concen: 20.556 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

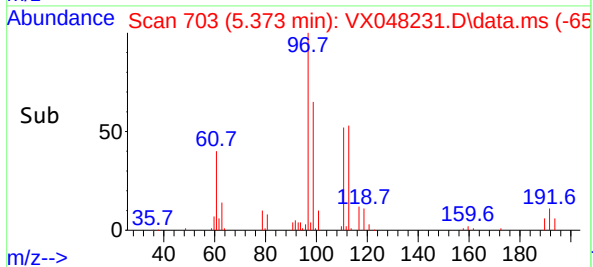
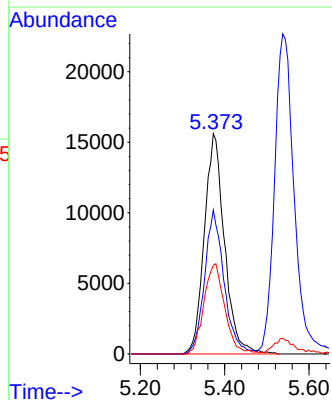
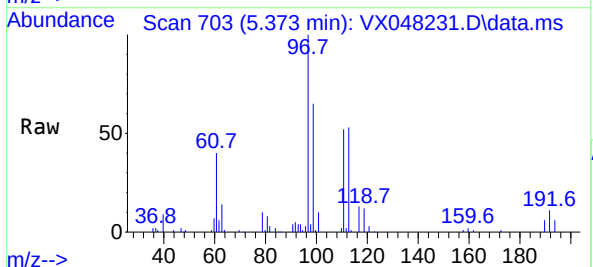
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

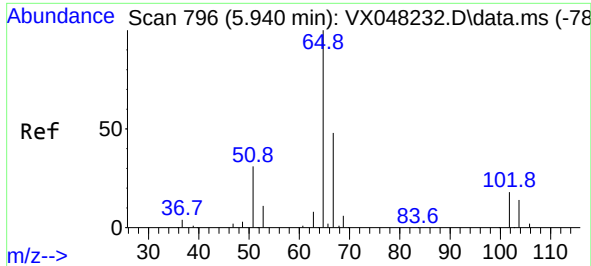
Tgt Ion: 56 Resp: 42796
Ion Ratio Lower Upper
56 100
69 30.6 23.0 34.6
84 85.5 64.6 97.0



#32
1,1,1-Trichloroethane
Concen: 20.972 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 97 Resp: 51929
Ion Ratio Lower Upper
97 100
99 63.0 51.7 77.5
61 42.4 34.8 52.2

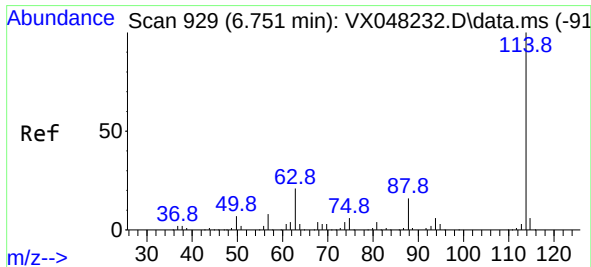
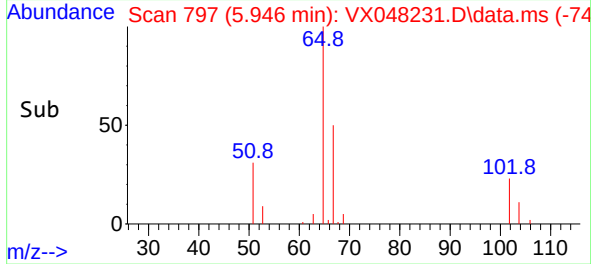
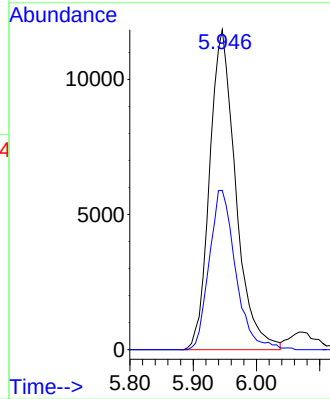
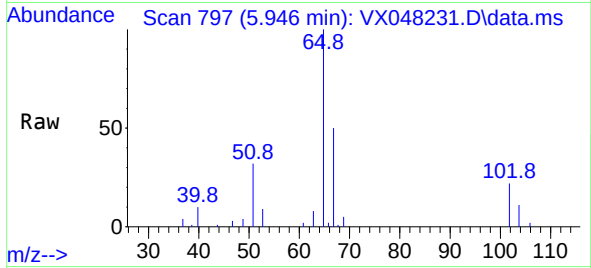




#33
1,2-Dichloroethane-d4
Concen: 20.233 ug/l
RT: 5.946 min Scan# 796
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

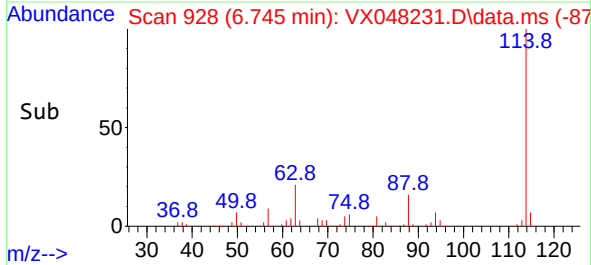
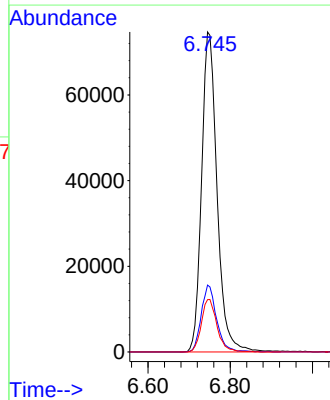
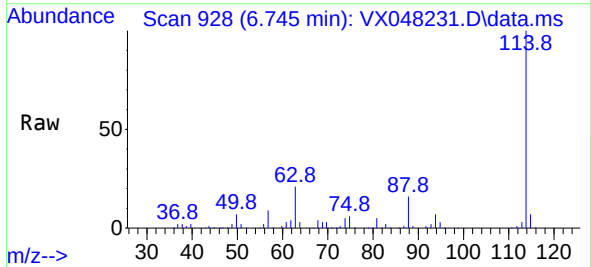
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

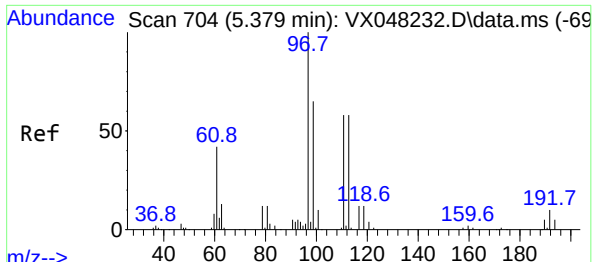
Tgt Ion: 65 Resp: 33936
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 114 Resp: 195028
Ion Ratio Lower Upper
114 100
63 20.9 0.0 43.2
88 16.4 0.0 33.6





#35

Dibromofluoromethane

Concen: 20.201 ug/l

RT: 5.373 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

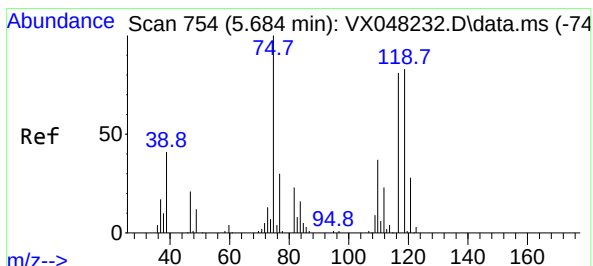
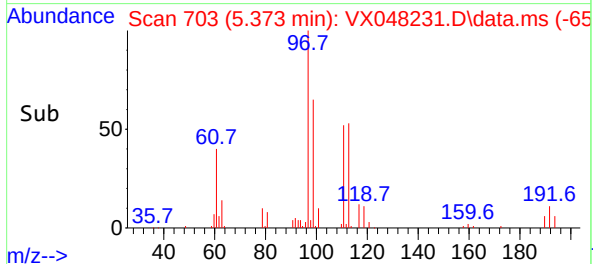
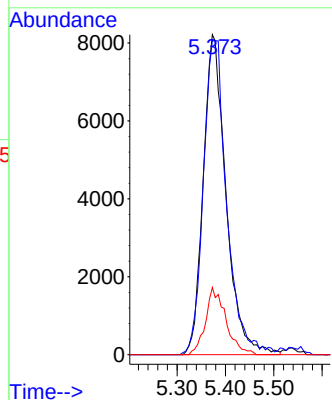
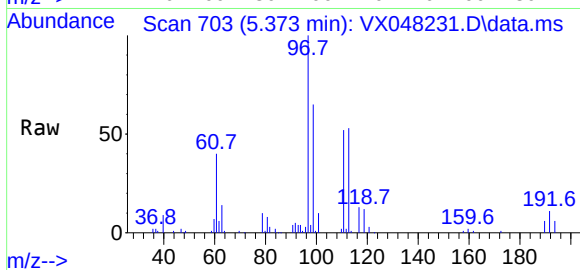
Tgt Ion:113 Resp: 26897

Ion Ratio Lower Upper

113 100

111 100.7 82.2 123.4

192 18.8 15.1 22.7



#36

1,1-Dichloropropene

Concen: 20.223 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.000 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

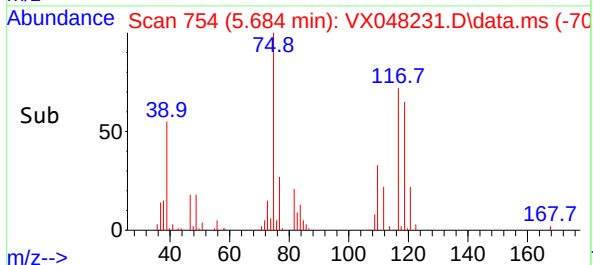
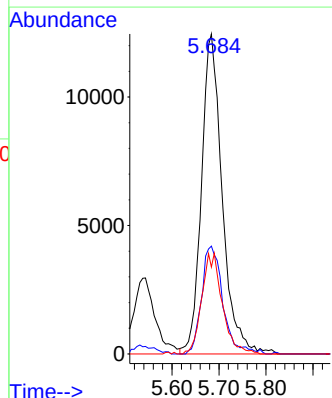
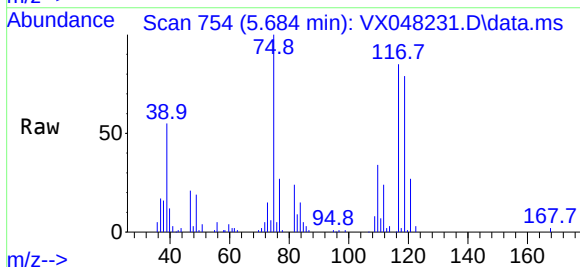
Tgt Ion: 75 Resp: 38270

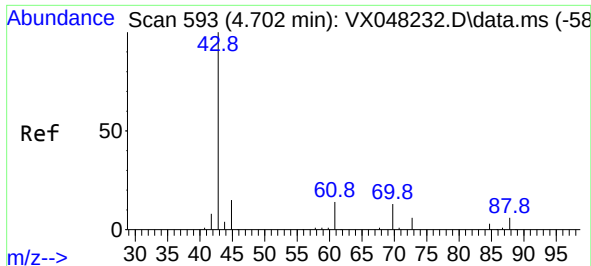
Ion Ratio Lower Upper

75 100

110 34.6 17.7 53.1

77 31.1 24.3 36.5





#37

Ethyl Acetate

Concen: 19.702 ug/l

RT: 4.702 min Scan# 593

Delta R.T. 0.006 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

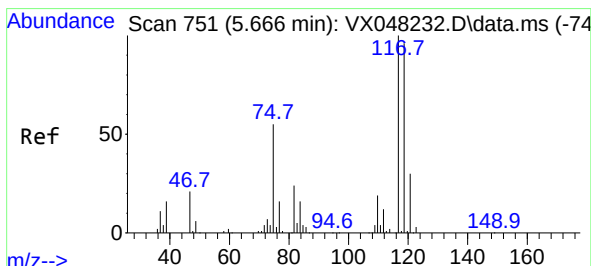
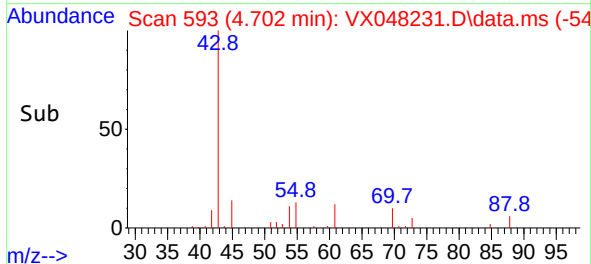
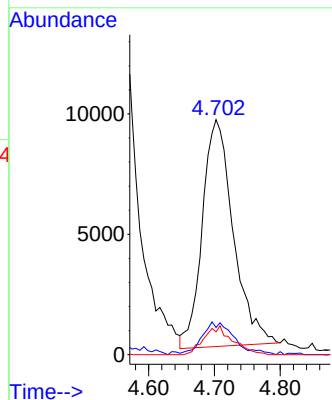
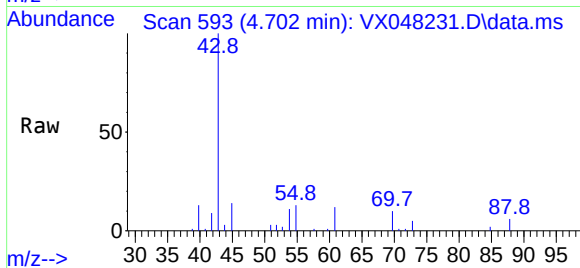
Tgt Ion: 43 Resp: 30904

Ion Ratio Lower Upper

43 100

61 14.8 10.6 15.8

70 11.7 7.8 11.6#



#38

Carbon Tetrachloride

Concen: 19.841 ug/l

RT: 5.666 min Scan# 751

Delta R.T. -0.000 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

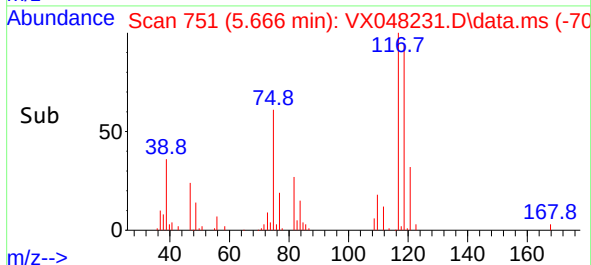
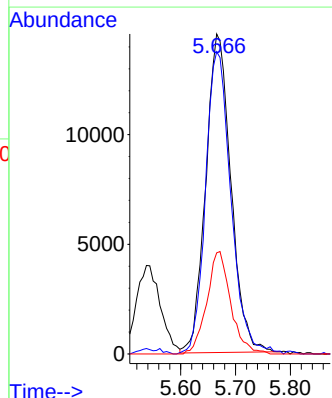
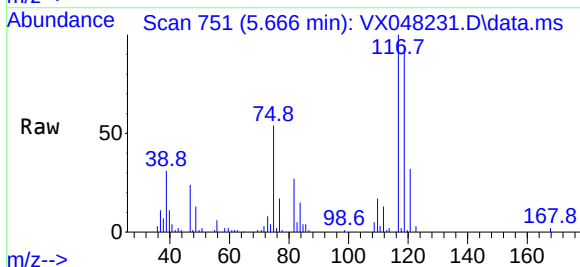
Tgt Ion: 117 Resp: 46323

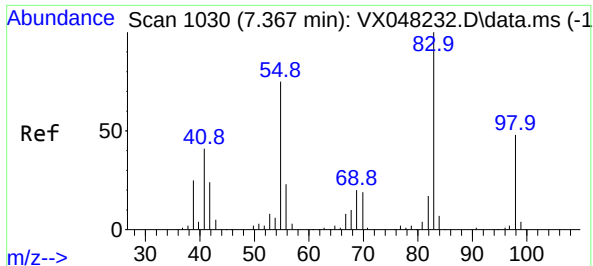
Ion Ratio Lower Upper

117 100

119 94.7 77.2 115.8

121 31.8 24.8 37.2

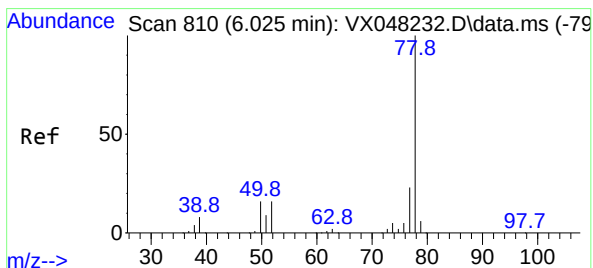
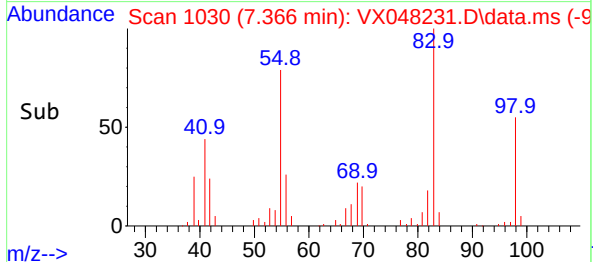
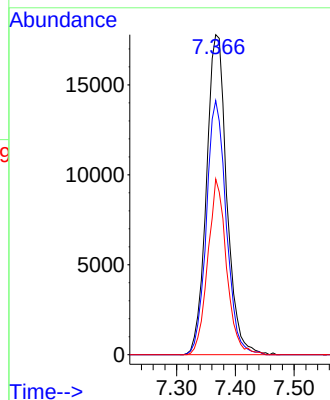
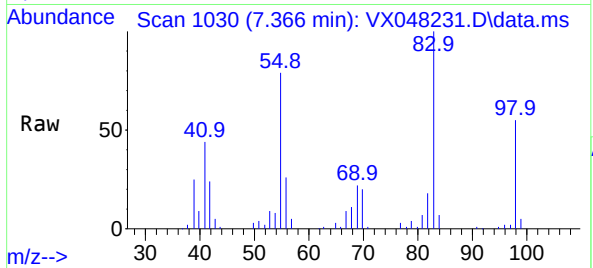




#39
Methylcyclohexane
Concen: 19.140 ug/l
RT: 7.366 min Scan# 10
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

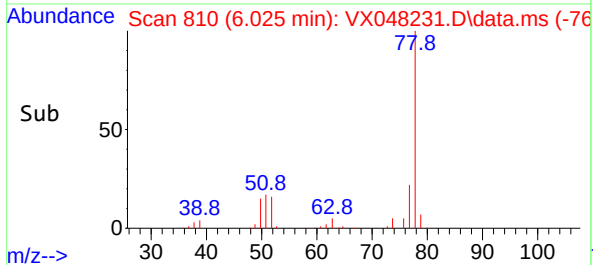
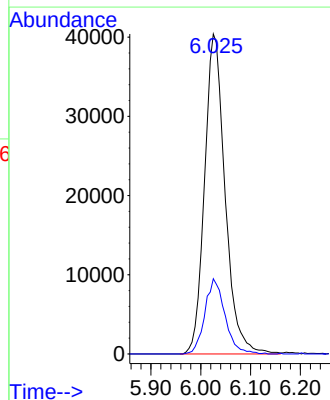
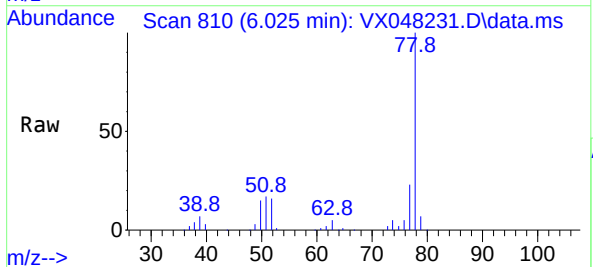
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

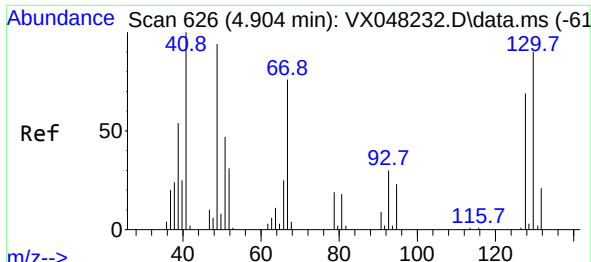
Tgt Ion: 83 Resp: 42776
Ion Ratio Lower Upper
83 100
55 79.4 66.2 99.2
98 54.9 38.9 58.3



#40
Benzene
Concen: 21.020 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 78 Resp: 115488
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9



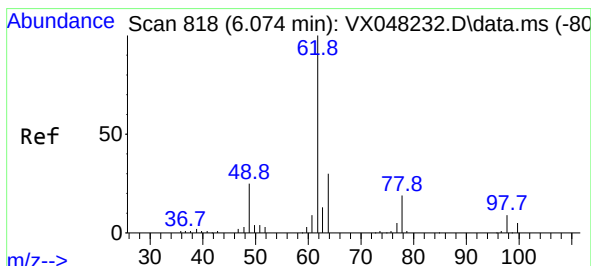
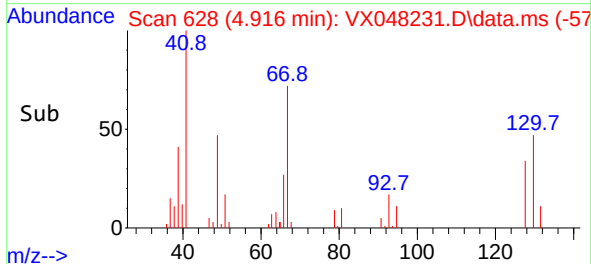
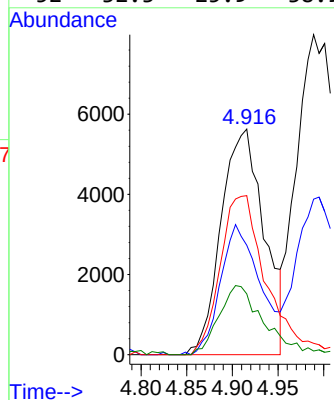
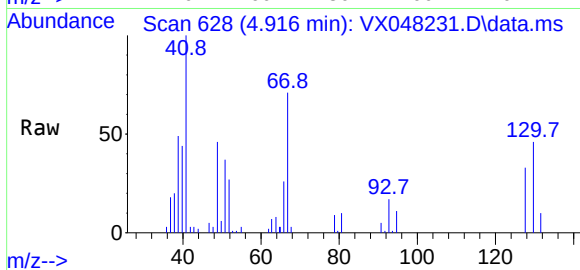


#41
Methacrylonitrile
Concen: 22.411 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 41 Resp: 18461

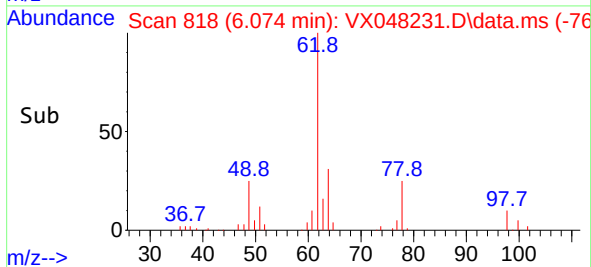
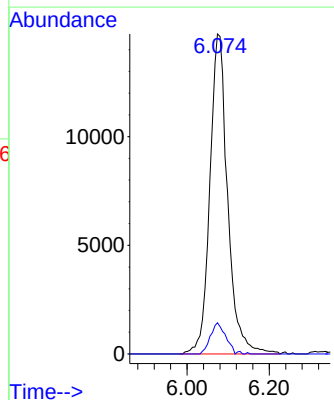
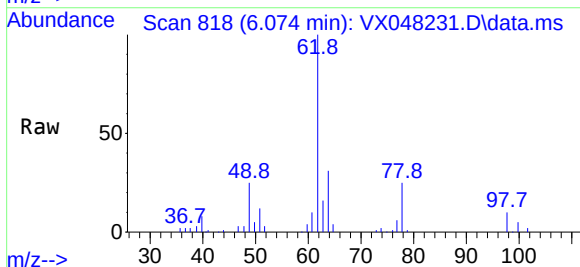
Ion	Ratio	Lower	Upper
41	100		
39	53.4	44.0	66.0
67	76.9	58.7	88.1
52	32.3	25.9	38.9

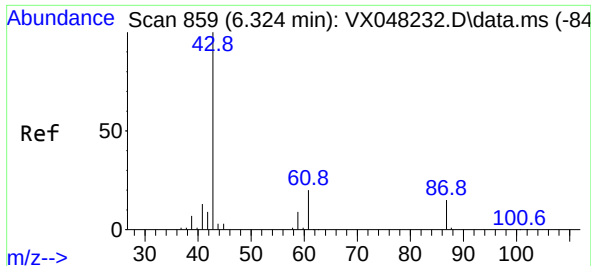


#42
1,2-Dichloroethane
Concen: 21.789 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 62 Resp: 44176

Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.2

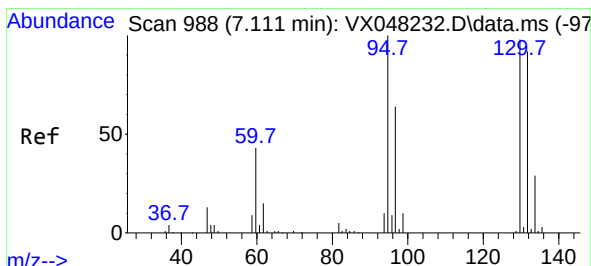
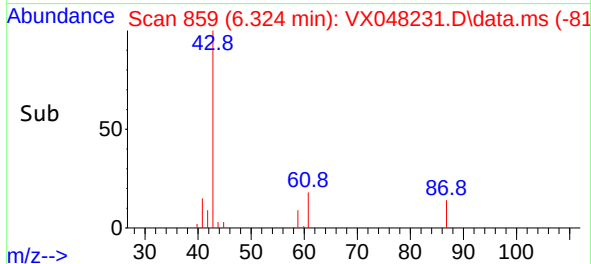
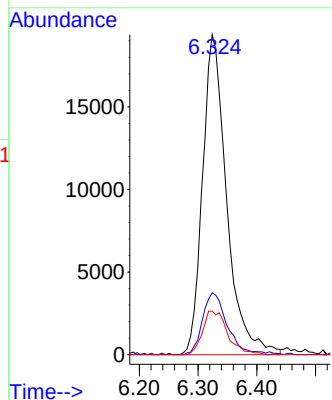
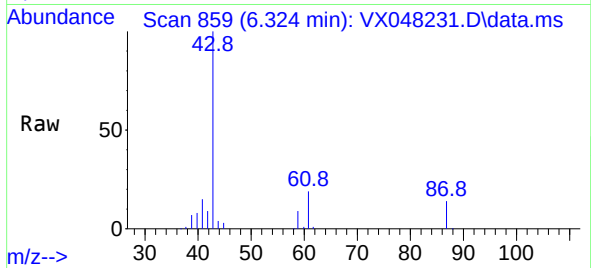




#43
Isopropyl Acetate
Concen: 21.469 ug/l
RT: 6.324 min Scan# 859
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

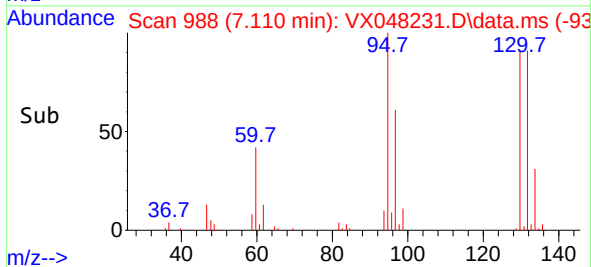
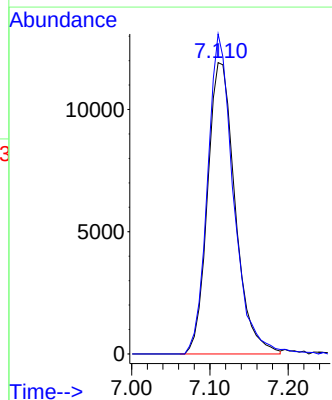
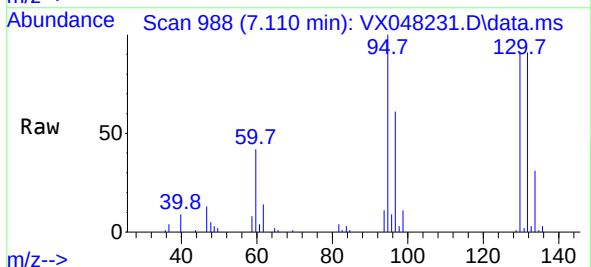
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

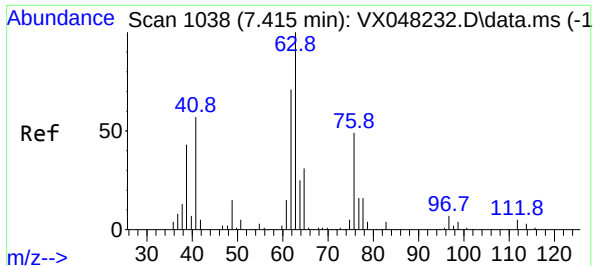
Tgt Ion: 43 Resp: 55317
Ion Ratio Lower Upper
43 100
61 19.9 14.9 22.3
87 14.1 9.4 14.2



#44
Trichloroethene
Concen: 20.064 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 130 Resp: 29108
Ion Ratio Lower Upper
130 100
95 109.8 0.0 200.6





#45

1,2-Dichloropropane

Concen: 21.620 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

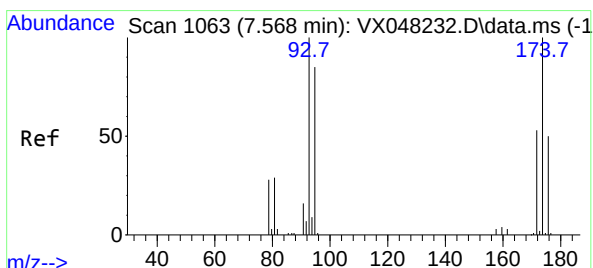
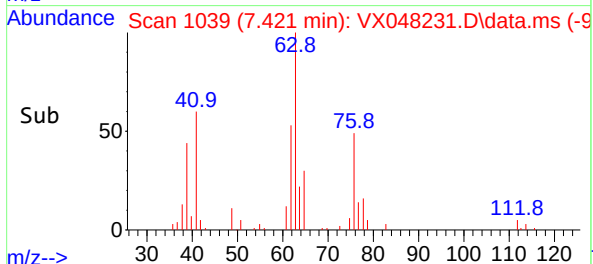
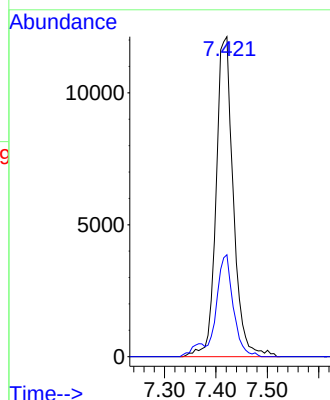
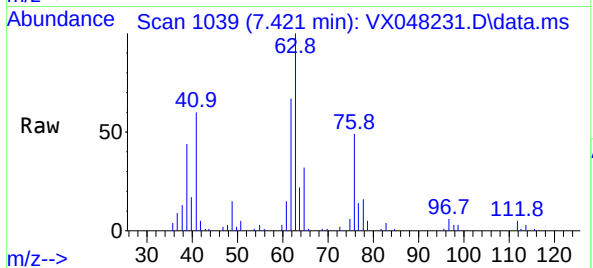
VSTDICC020

Tgt Ion: 63 Resp: 28242

Ion Ratio Lower Upper

63 100

65 31.8 24.1 36.1



#46

Dibromomethane

Concen: 21.229 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

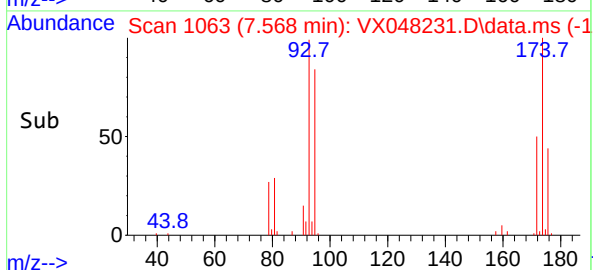
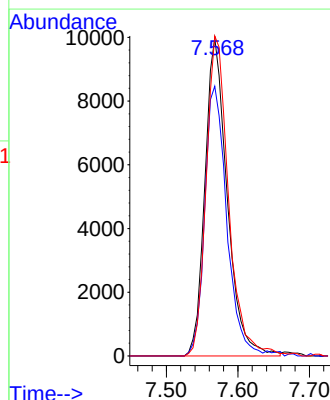
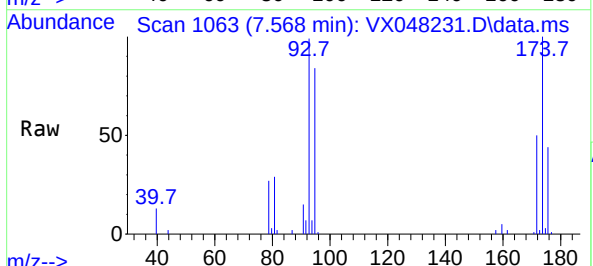
Tgt Ion: 93 Resp: 21605

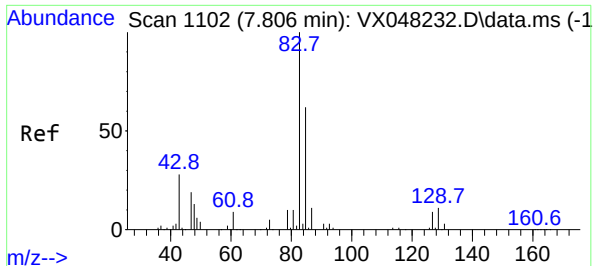
Ion Ratio Lower Upper

93 100

95 84.4 65.9 98.9

174 101.4 71.7 107.5

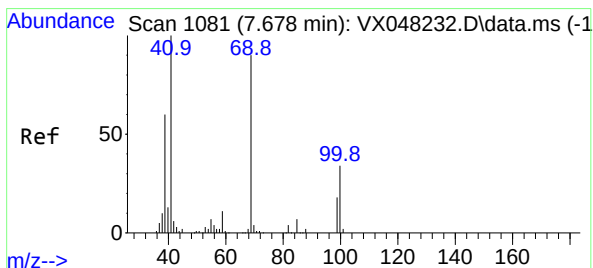
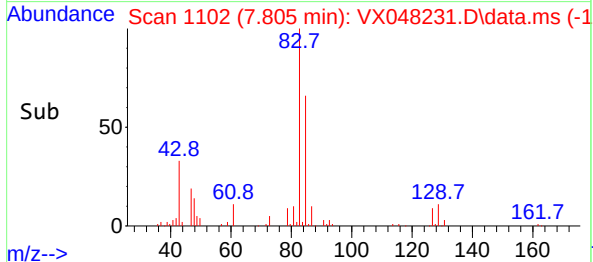
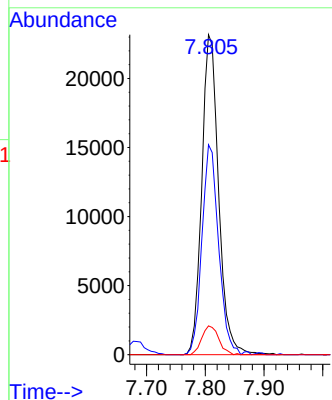
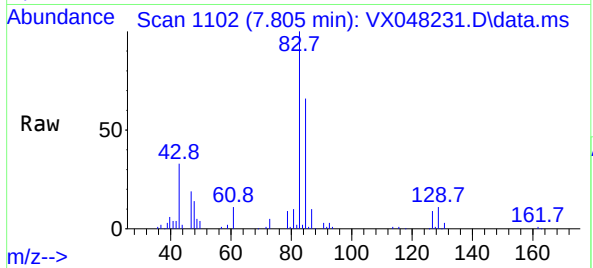




#47
Bromodichloromethane
Concen: 21.034 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

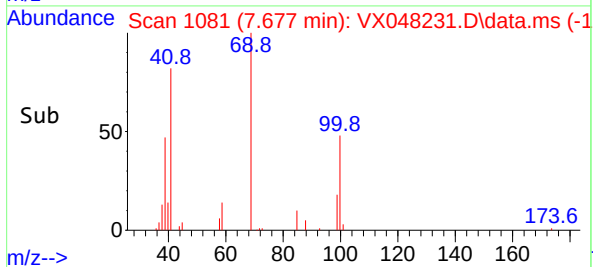
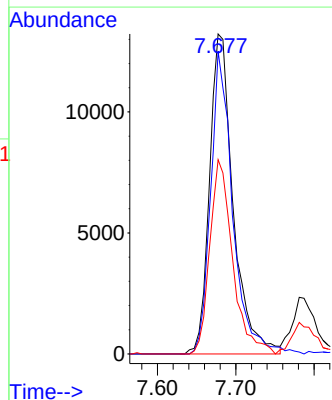
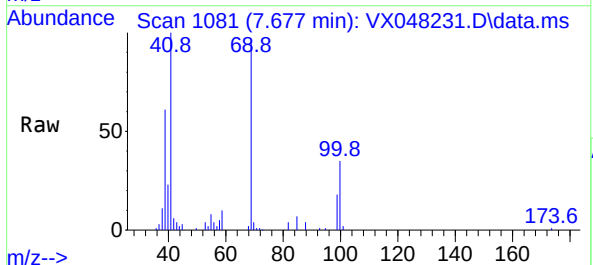
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

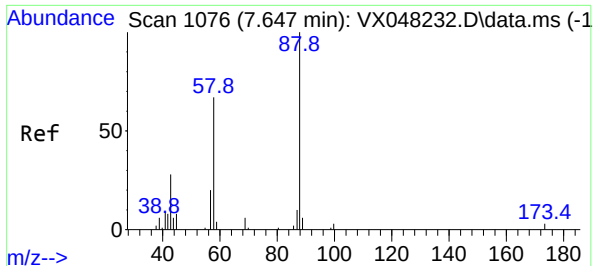
Tgt Ion: 83 Resp: 46221
Ion Ratio Lower Upper
83 100
85 65.6 52.2 78.4
127 9.0 7.3 10.9



#48
Methyl methacrylate
Concen: 21.344 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 41 Resp: 27751
Ion Ratio Lower Upper
41 100
69 88.6 63.4 95.0
39 58.7 47.1 70.7

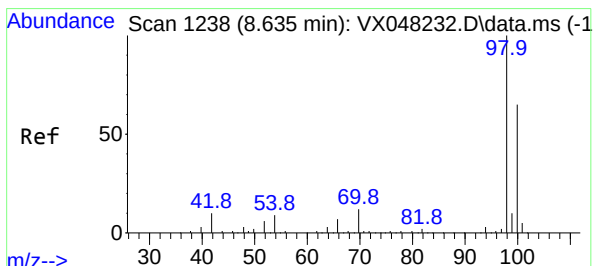
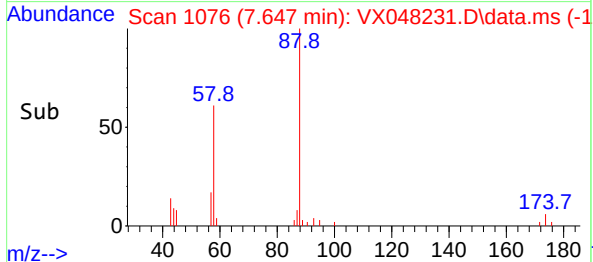
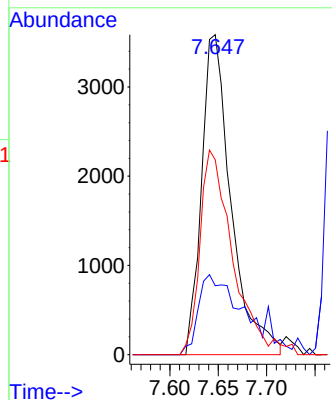
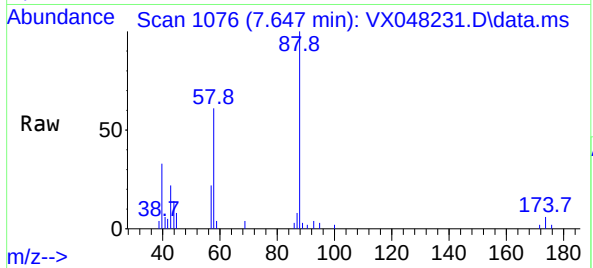




#49
1,4-Dioxane
Concen: 443.623 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

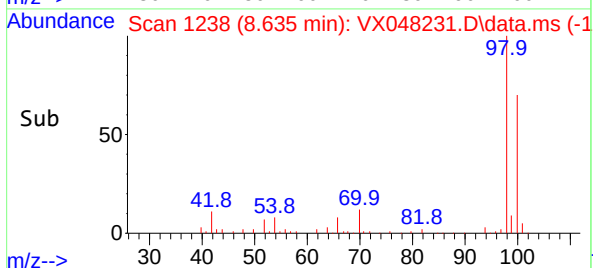
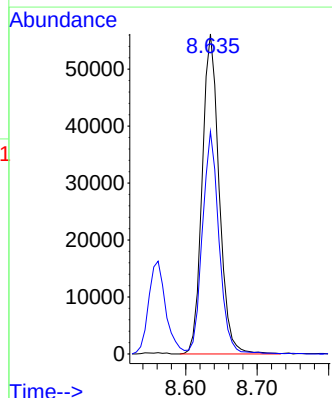
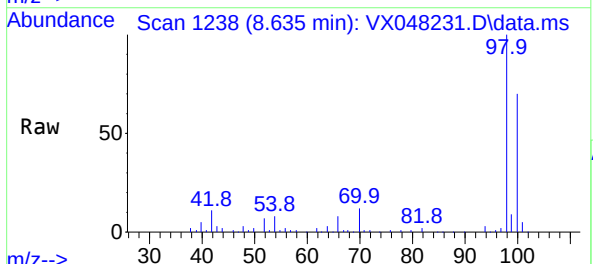
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

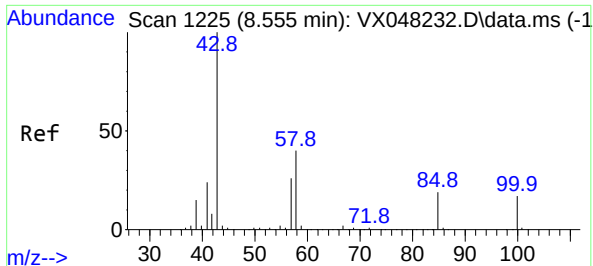
Tgt Ion: 88 Resp: 7620
Ion Ratio Lower Upper
88 100
43 35.0 35.0 52.4
58 71.5 61.9 92.9



#50
Toluene-d8
Concen: 19.815 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 98 Resp: 92476
Ion Ratio Lower Upper
98 100
100 67.8 53.0 79.4

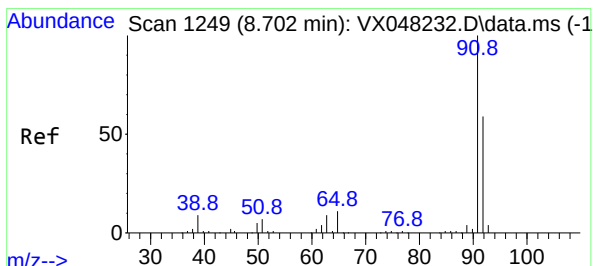
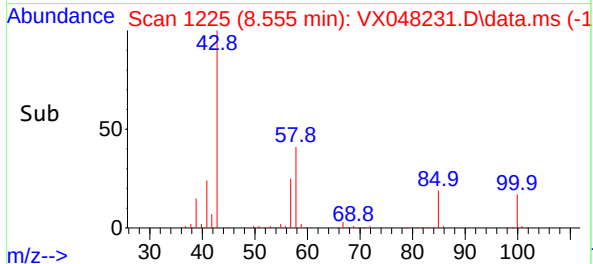
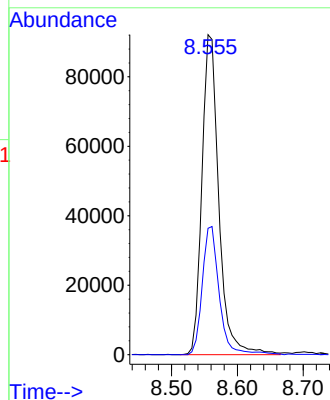
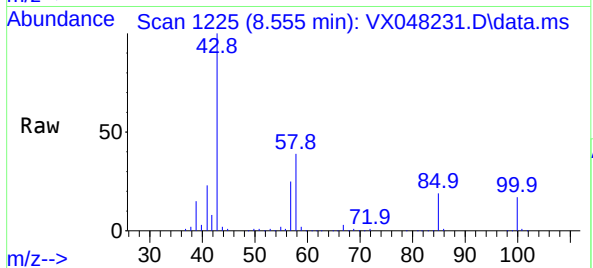




#51
4-Methyl-2-Pentanone
Concen: 110.873 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

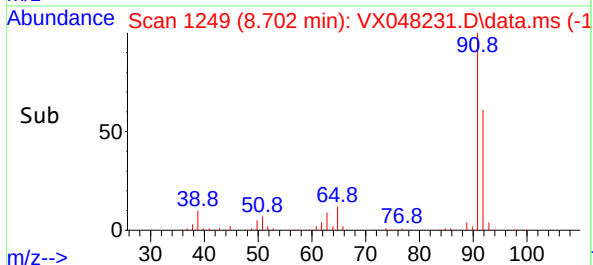
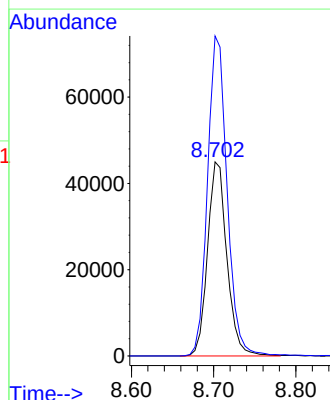
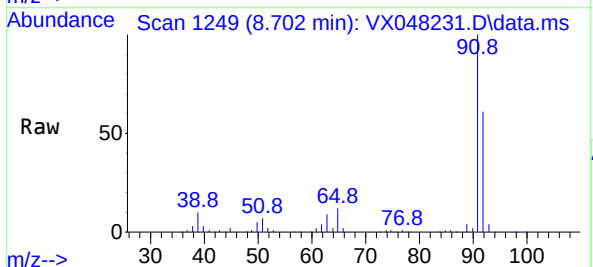
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

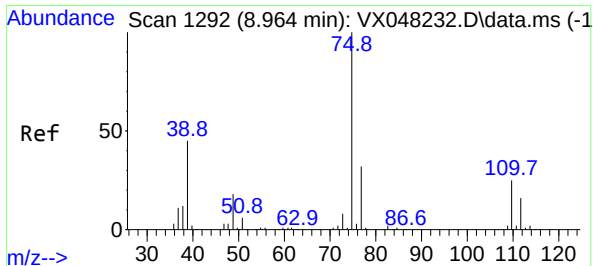
Tgt Ion: 43 Resp: 164708
Ion Ratio Lower Upper
43 100
58 40.3 29.5 44.3



#52
Toluene
Concen: 21.093 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 92 Resp: 73623
Ion Ratio Lower Upper
92 100
91 167.2 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 21.447 ug/l

RT: 8.964 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

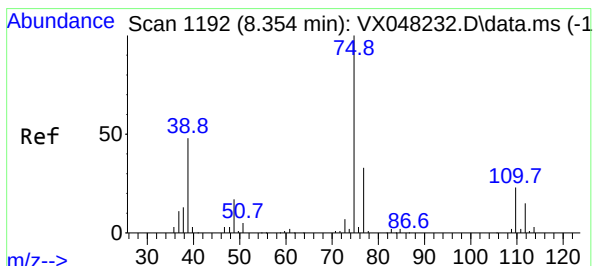
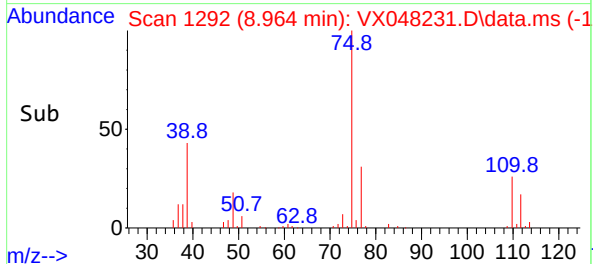
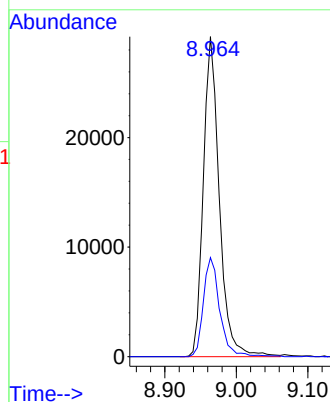
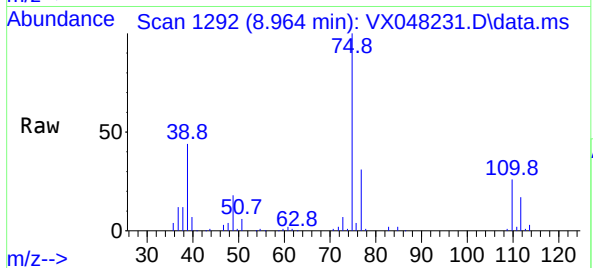
VSTDIC020

Tgt Ion: 75 Resp: 45416

Ion Ratio Lower Upper

75 100

77 31.0 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 20.629 ug/l

RT: 8.354 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

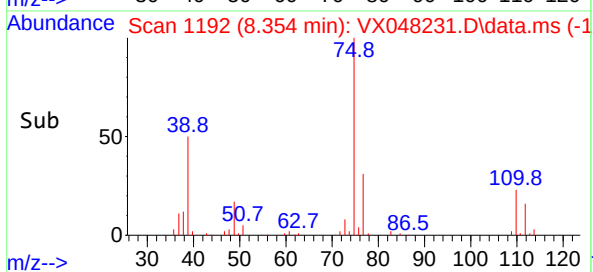
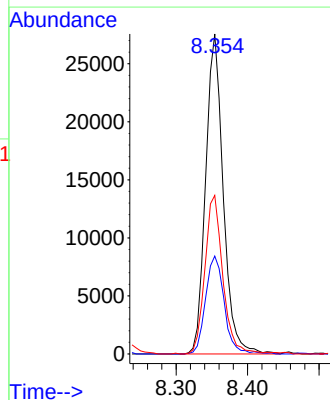
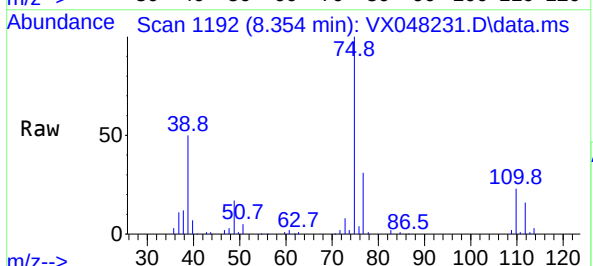
Tgt Ion: 75 Resp: 47130

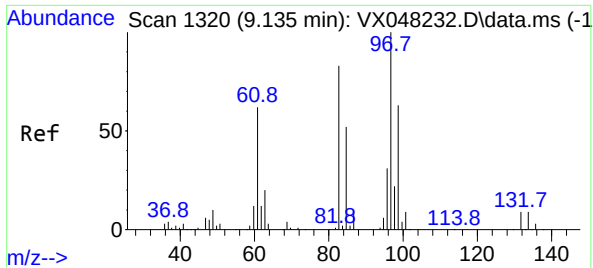
Ion Ratio Lower Upper

75 100

77 30.6 24.9 37.3

39 49.5 42.6 64.0



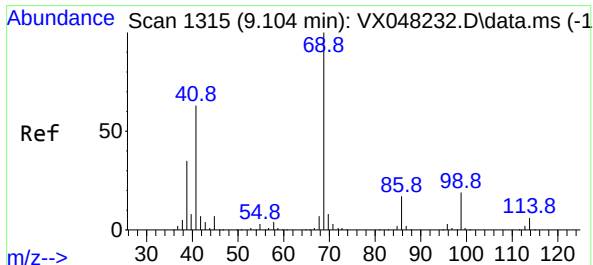
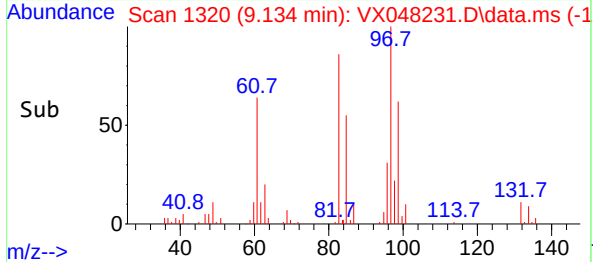
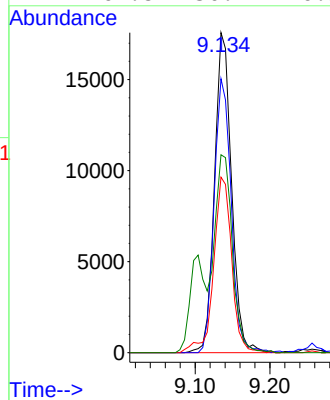
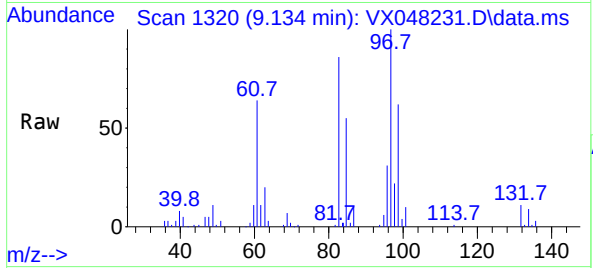


#55
1,1,2-Trichloroethane
Concen: 21.482 ug/l
RT: 9.134 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 97 Resp: 27884

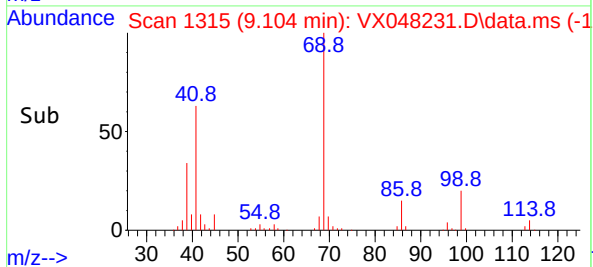
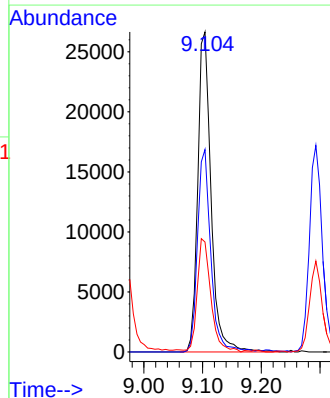
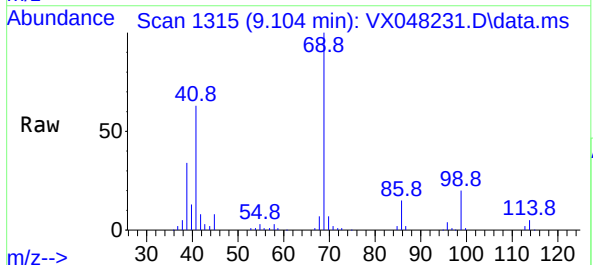
Ion	Ratio	Lower	Upper
97	100		
83	85.6	70.6	105.8
85	54.9	45.0	67.6
99	61.8	50.9	76.3

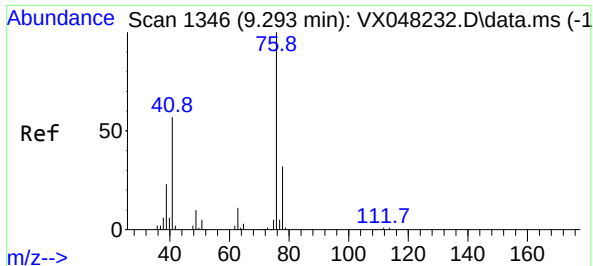


#56
Ethyl methacrylate
Concen: 22.021 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 69 Resp: 41809

Ion	Ratio	Lower	Upper
69	100		
41	63.2	56.0	84.0
39	36.3	31.6	47.4

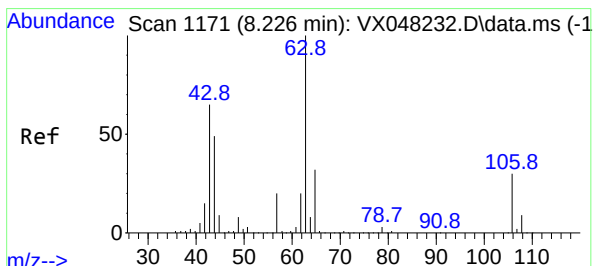
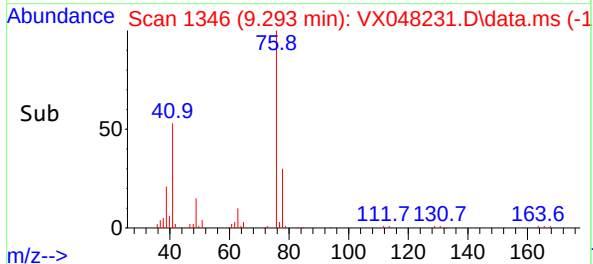
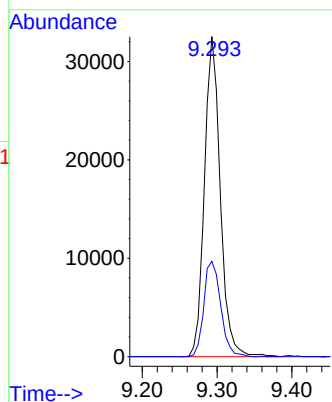
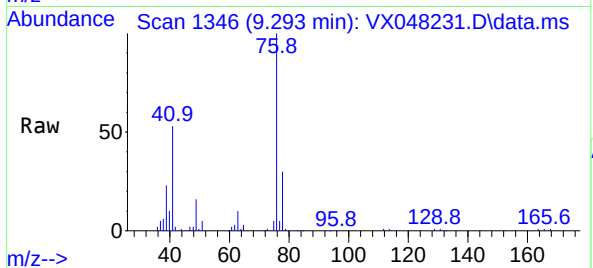




#57
1,3-Dichloropropane
Concen: 21.602 ug/l
RT: 9.293 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

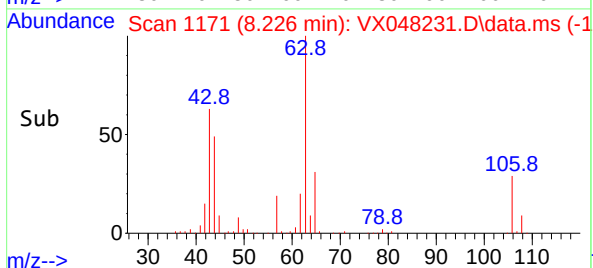
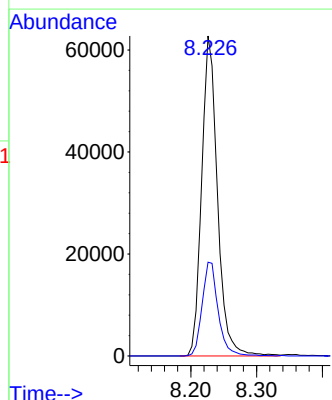
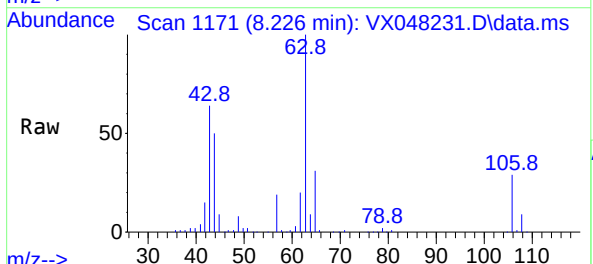
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

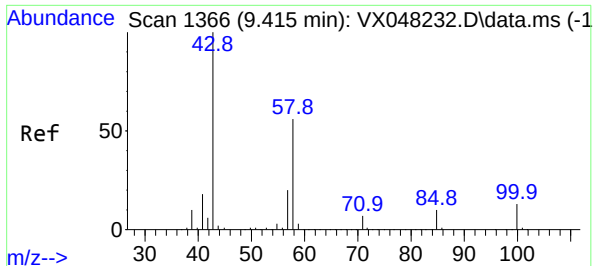
Tgt Ion: 76 Resp: 47896
Ion Ratio Lower Upper
76 100
78 31.7 25.4 38.0



#58
2-Chloroethyl Vinyl ether
Concen: 103.739 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 63 Resp: 104883
Ion Ratio Lower Upper
63 100
106 29.7 22.2 33.2

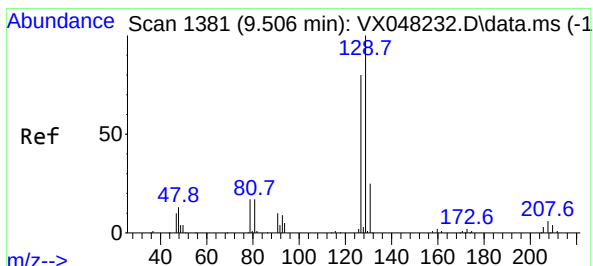
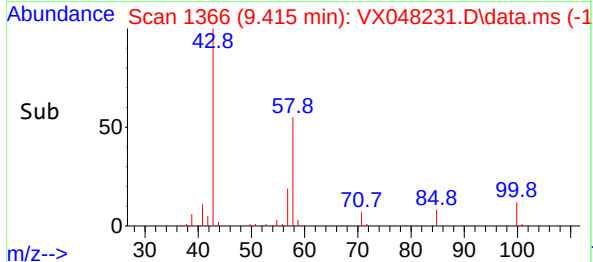
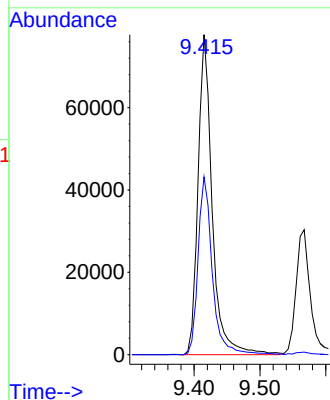
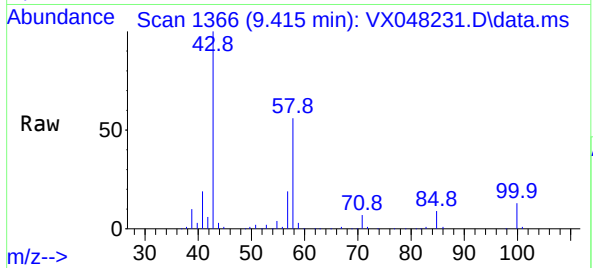




#59
2-Hexanone
Concen: 112.243 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

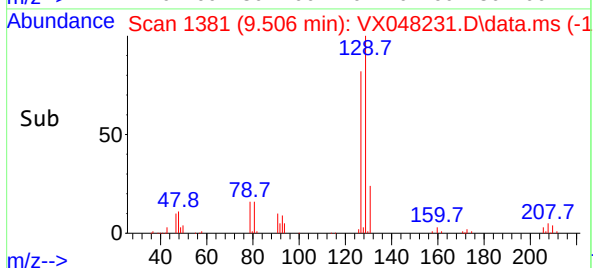
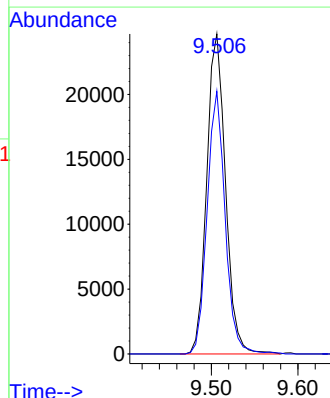
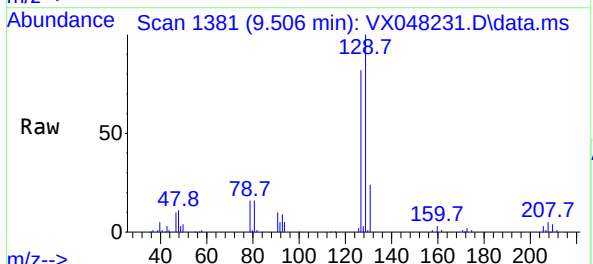
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

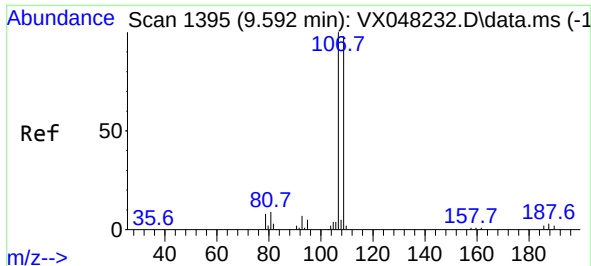
Tgt Ion: 43 Resp: 116268
Ion Ratio Lower Upper
43 100
58 56.1 26.3 78.8



#60
Dibromochloromethane
Concen: 21.281 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 129 Resp: 37127
Ion Ratio Lower Upper
129 100
127 78.9 38.6 115.7





#61

1,2-Dibromoethane

Concen: 22.141 ug/l

RT: 9.598 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

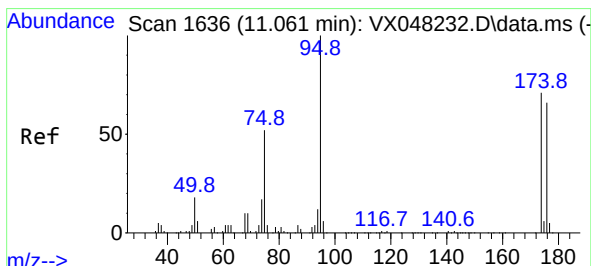
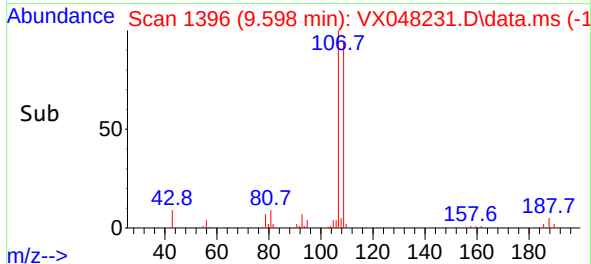
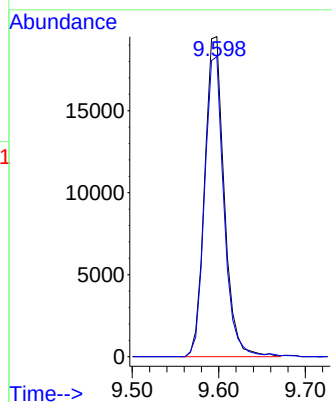
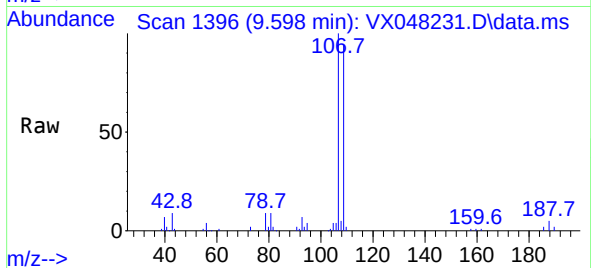
VSTDICC020

Tgt Ion:107 Resp: 30639

Ion Ratio Lower Upper

107 100

109 92.2 77.0 115.4



#62

4-Bromofluorobenzene

Concen: 19.558 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. -0.000 min

Lab File: VX048231.D

Acq: 20 Oct 2025 11:40

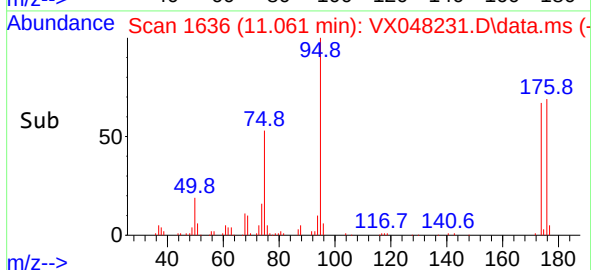
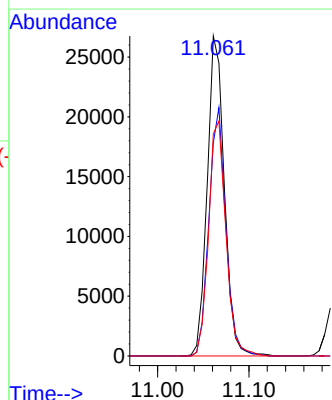
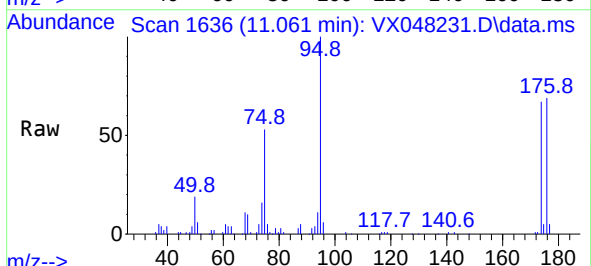
Tgt Ion: 95 Resp: 34724

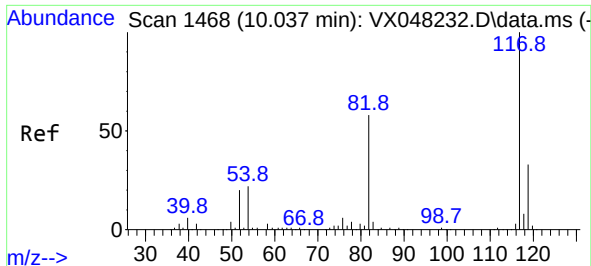
Ion Ratio Lower Upper

95 100

174 76.8 0.0 147.8

176 74.3 0.0 142.8

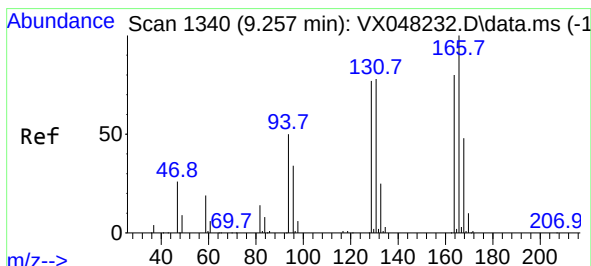
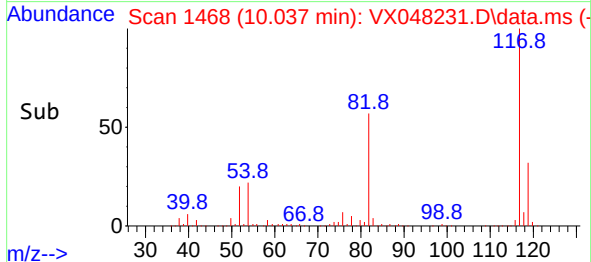
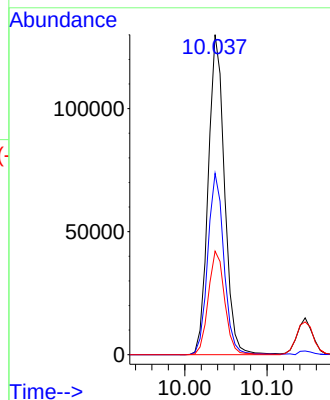
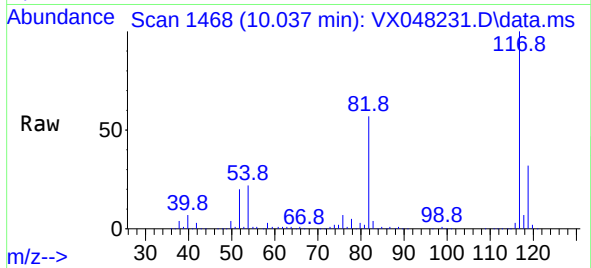




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

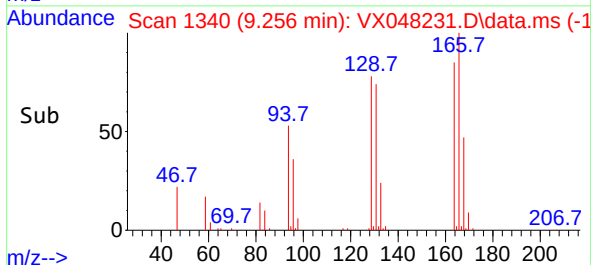
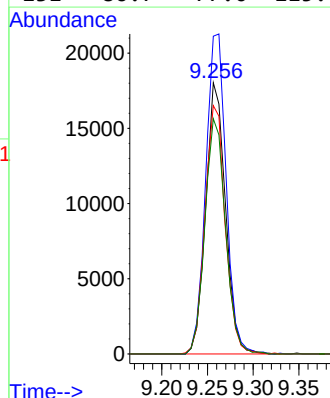
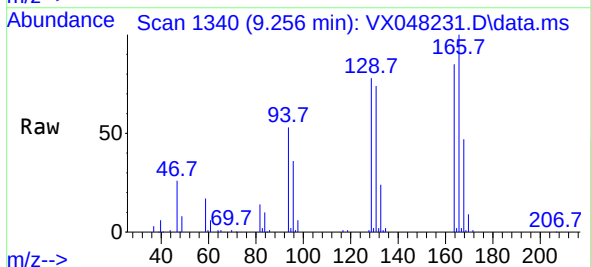
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

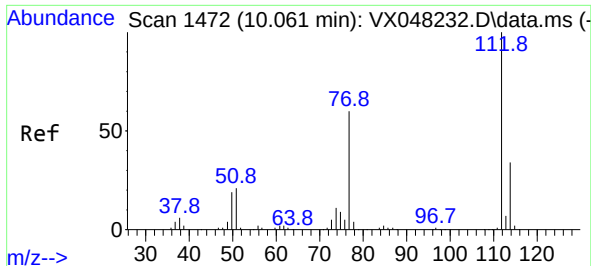
Tgt Ion:117 Resp: 178975
Ion Ratio Lower Upper
117 100
82 56.6 46.5 69.7
119 32.4 25.9 38.9



#64
Tetrachloroethene
Concen: 20.240 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:164 Resp: 27043
Ion Ratio Lower Upper
164 100
166 117.2 104.5 156.7
129 91.6 81.8 122.6
131 86.7 77.0 115.6

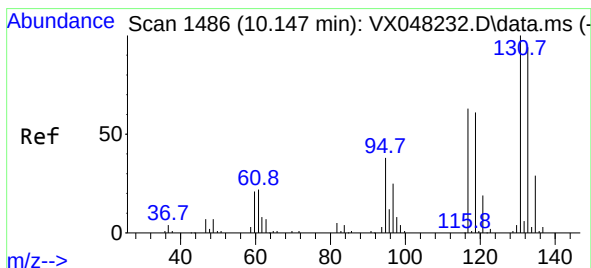
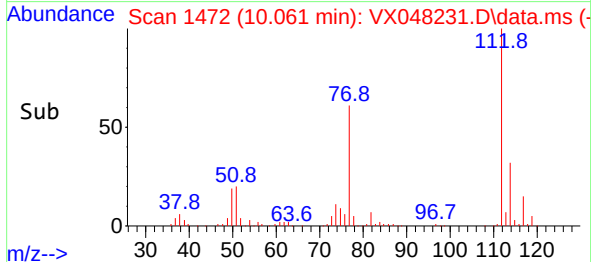
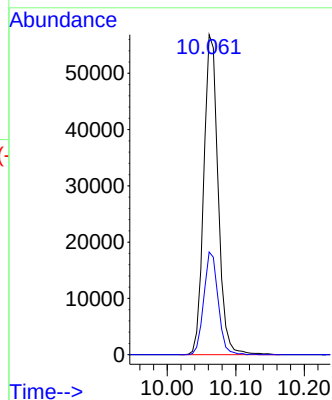
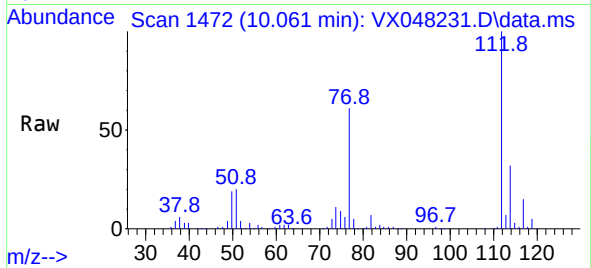




#65
Chlorobenzene
Concen: 20.617 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

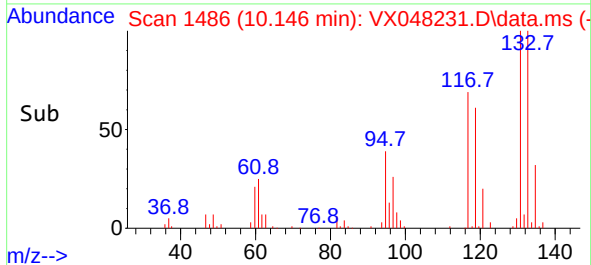
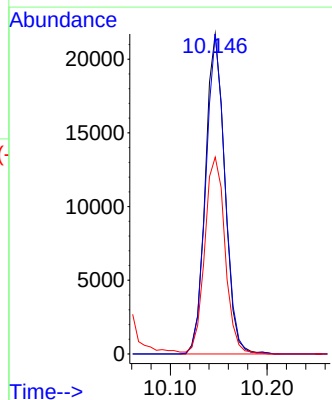
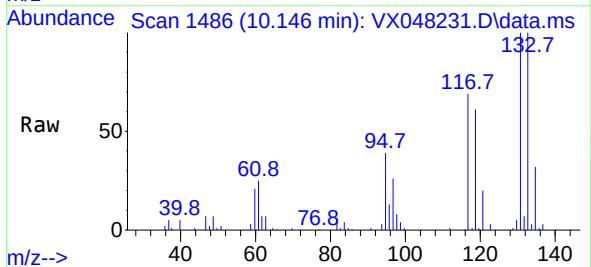
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

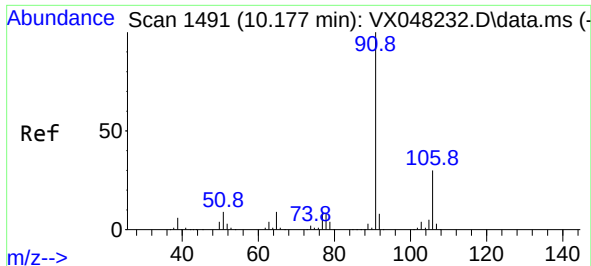
Tgt Ion:112 Resp: 83004
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.475 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:131 Resp: 30278
Ion Ratio Lower Upper
131 100
133 98.2 47.6 142.8
119 64.5 32.5 97.5

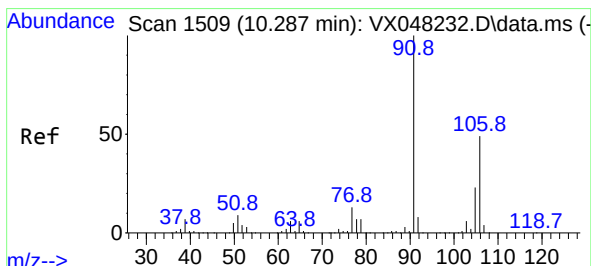
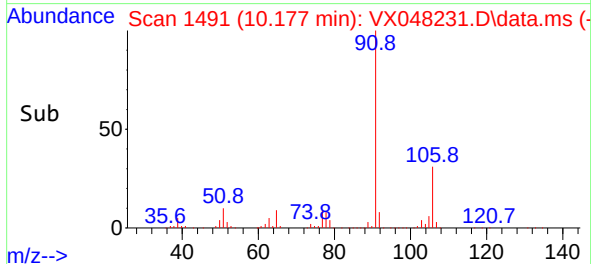
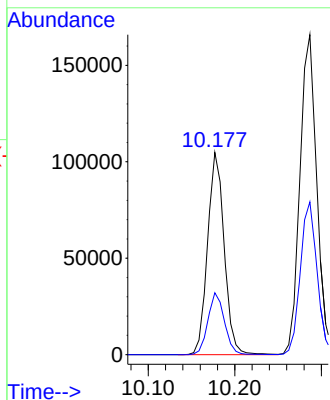
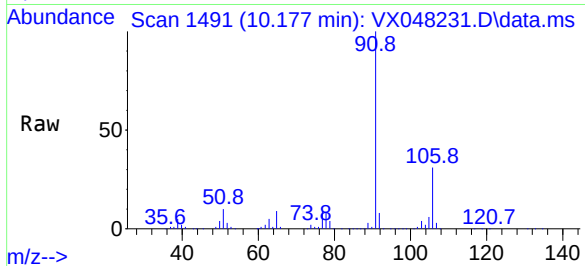




#67
Ethyl Benzene
Concen: 20.409 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

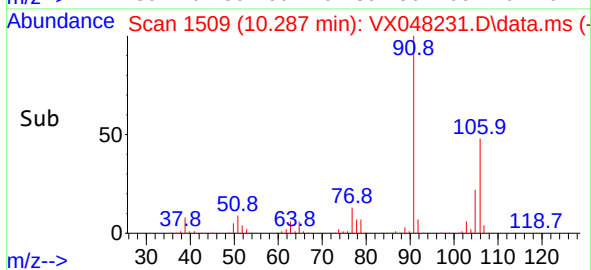
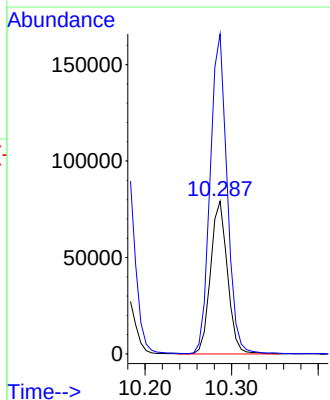
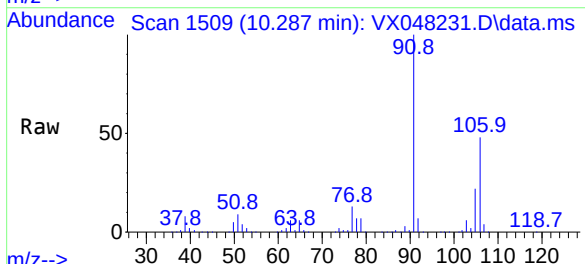
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

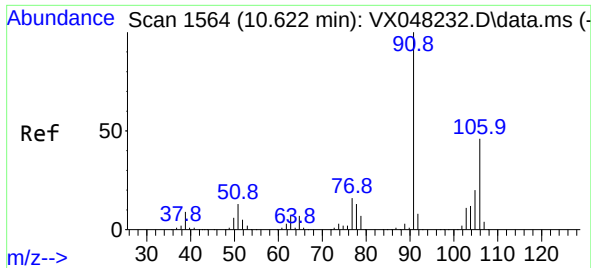
Tgt Ion: 91 Resp: 139895
Ion Ratio Lower Upper
91 100
106 30.6 23.8 35.6



#68
m/p-Xylenes
Concen: 42.161 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:106 Resp: 107377
Ion Ratio Lower Upper
106 100
91 209.9 167.9 251.9

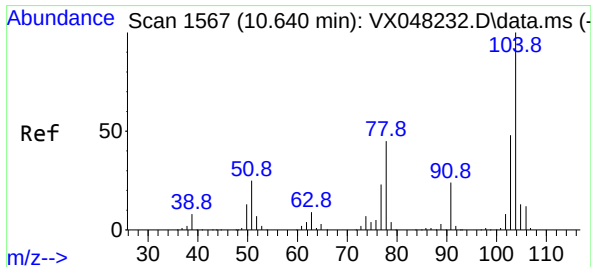
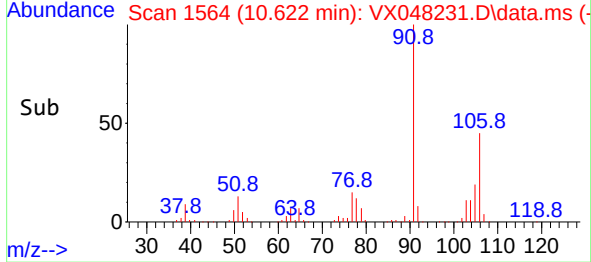
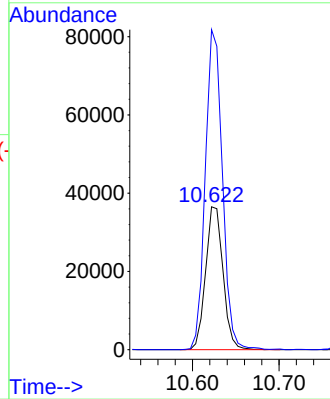
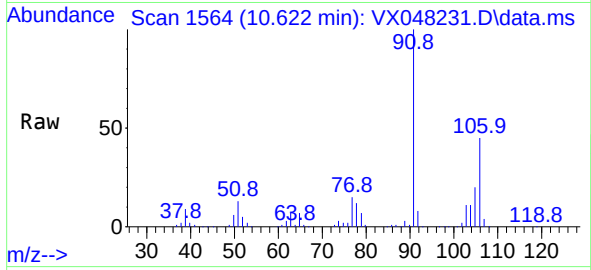




#69
o-Xylene
Concen: 20.721 ug/l
RT: 10.622 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

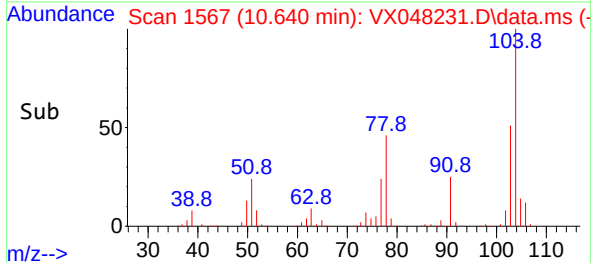
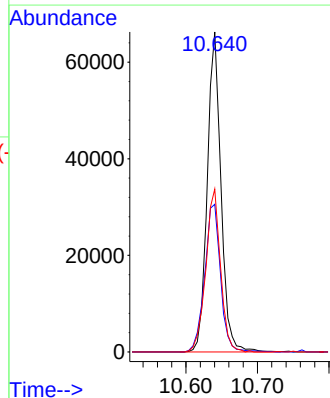
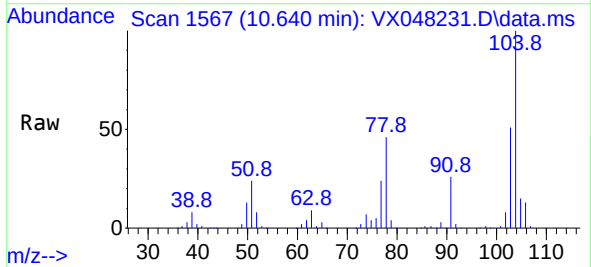
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

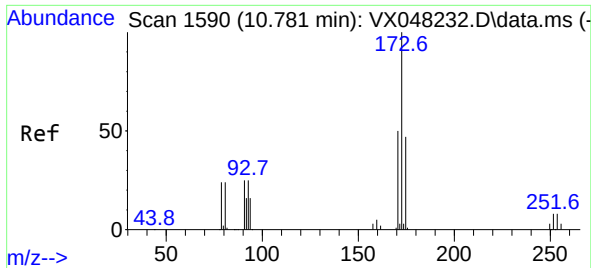
Tgt Ion:106 Resp: 50950
Ion Ratio Lower Upper
106 100
91 220.1 111.3 333.9



#70
Styrene
Concen: 21.134 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:104 Resp: 88481
Ion Ratio Lower Upper
104 100
78 53.5 42.2 63.4
103 54.7 43.0 64.4

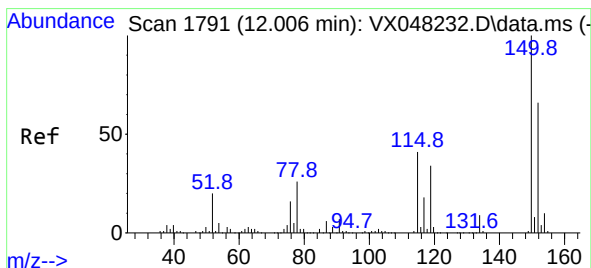
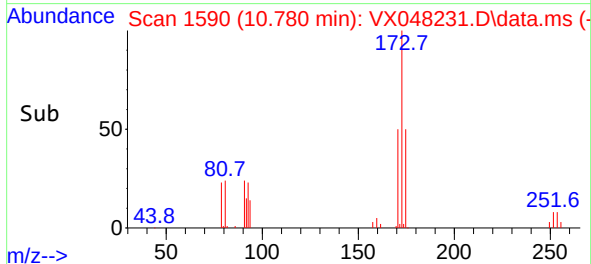
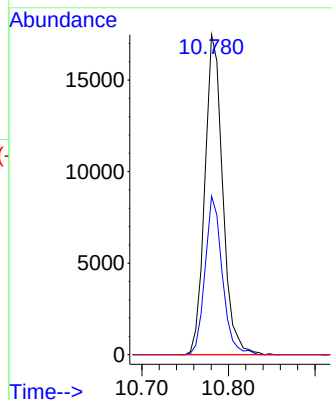
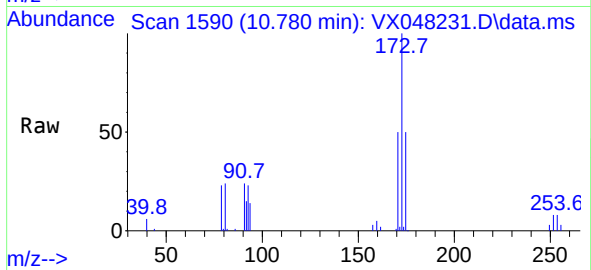




#71
Bromoform
Concen: 21.175 ug/l
RT: 10.780 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

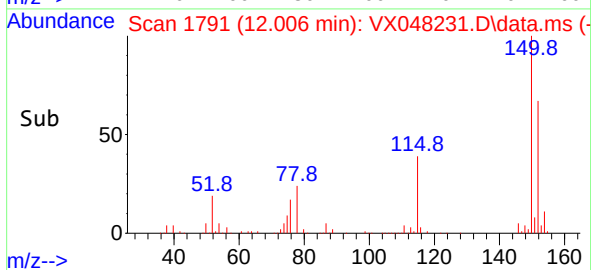
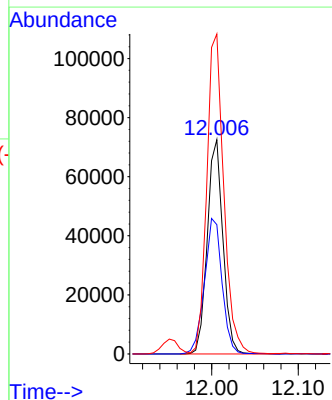
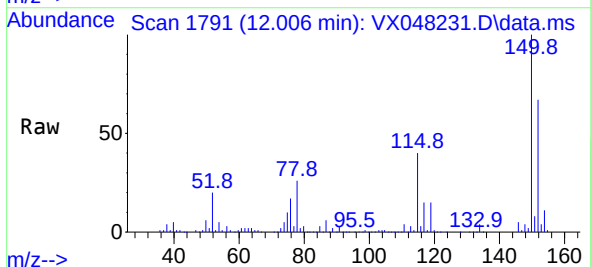
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

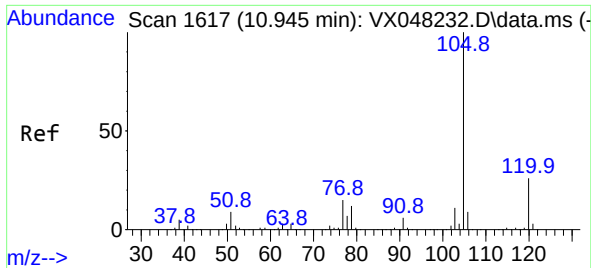
Tgt Ion:173 Resp: 25027
Ion Ratio Lower Upper
173 100
175 47.8 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:152 Resp: 90972
Ion Ratio Lower Upper
152 100
115 71.1 43.1 129.4
150 161.6 0.0 353.0

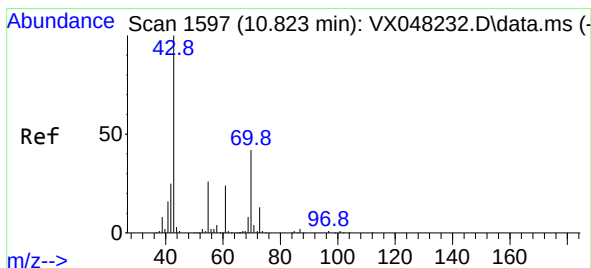
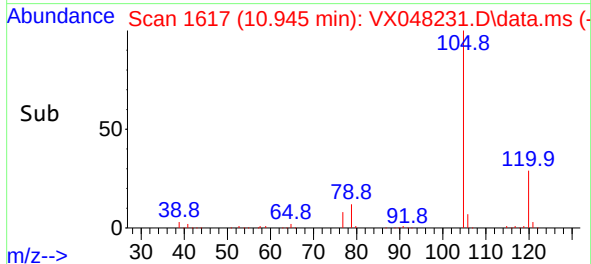
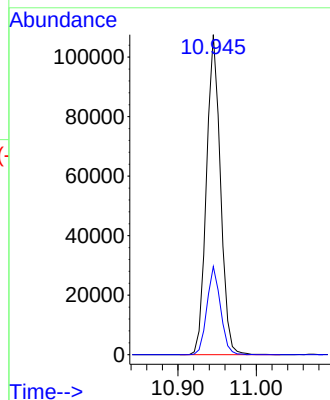
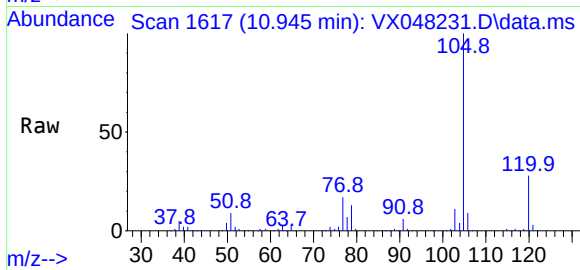




#73
Isopropylbenzene
Concen: 20.021 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

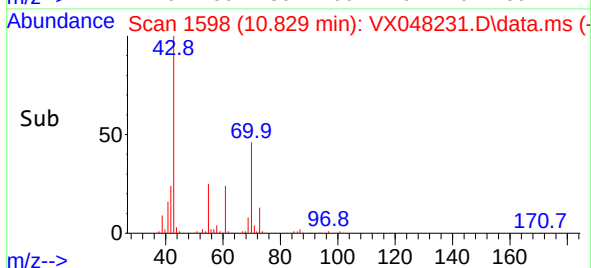
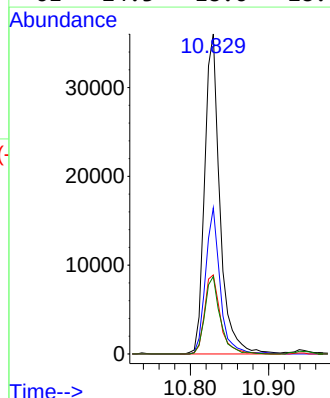
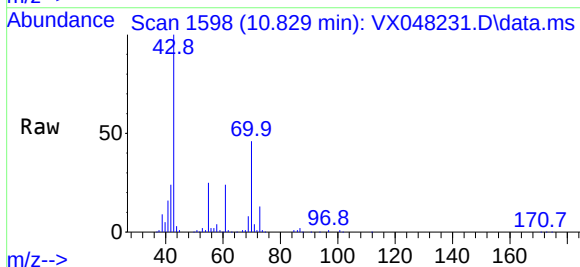
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

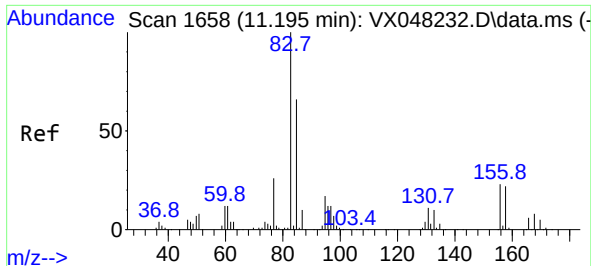
Tgt Ion:105 Resp: 133034
Ion Ratio Lower Upper
105 100
120 26.6 13.0 38.9



#74
N-ethyl acetate
Concen: 20.674 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 43 Resp: 48726
Ion Ratio Lower Upper
43 100
70 43.4 32.2 48.2
55 25.5 19.1 28.7
61 24.3 18.6 28.0

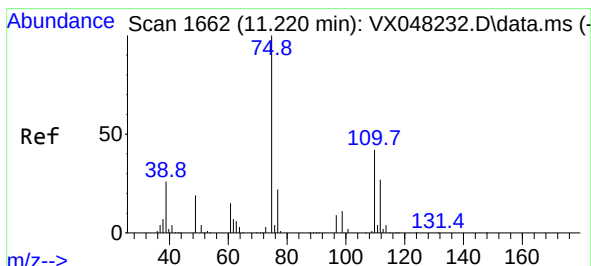
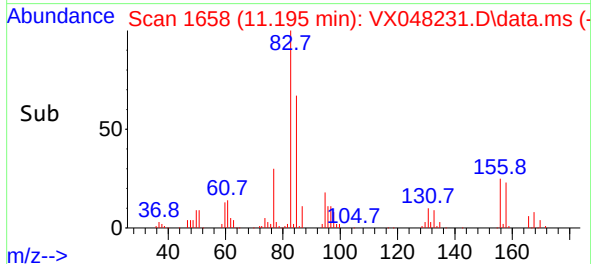
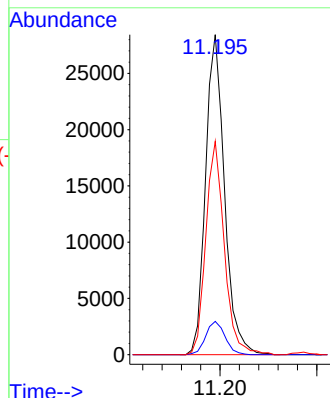
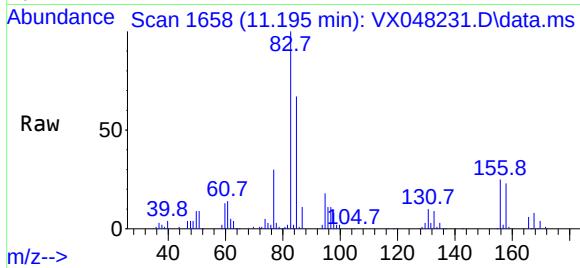




#75
1,1,2,2-Tetrachloroethane
Concen: 21.354 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

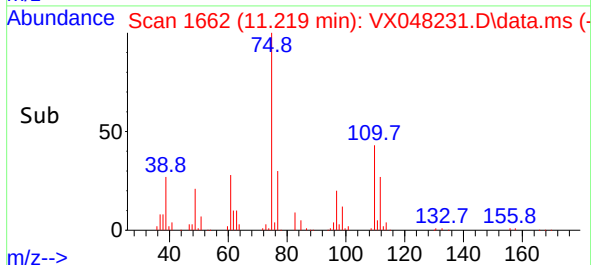
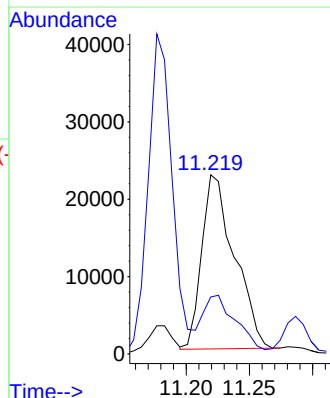
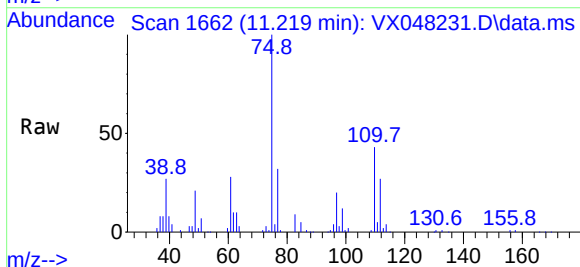
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

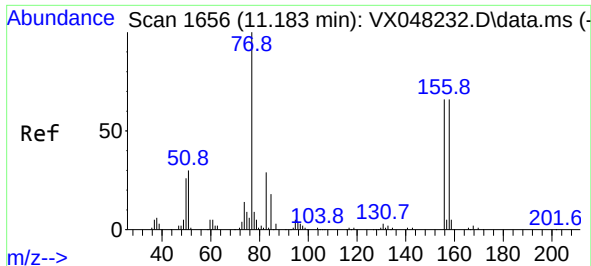
Tgt Ion: 83 Resp: 38748
Ion Ratio Lower Upper
83 100
131 10.6 4.8 14.4
85 65.2 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 27.501 ug/l
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 75 Resp: 40571
Ion Ratio Lower Upper
75 100
77 34.1 22.4 67.2

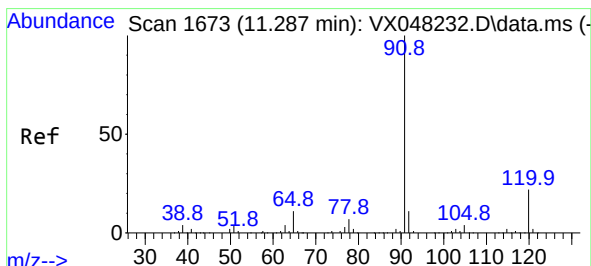
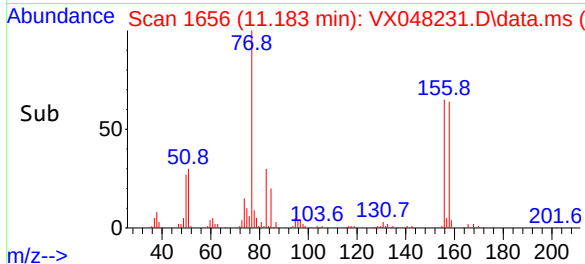
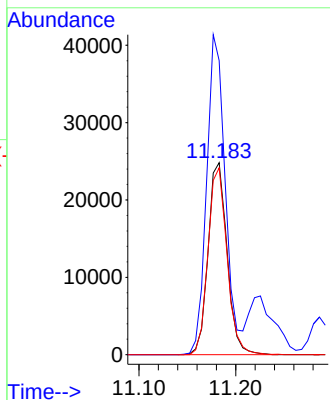
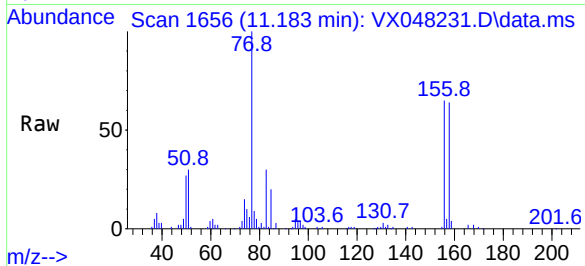




#77
Bromobenzene
Concen: 20.313 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

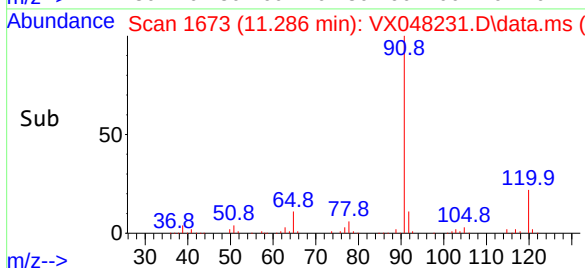
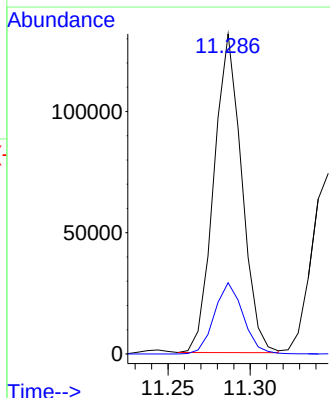
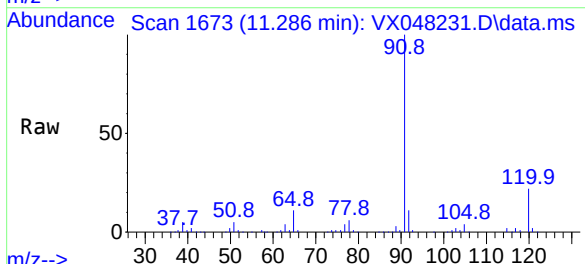
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

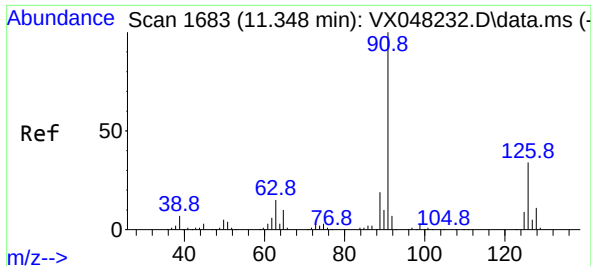
Tgt Ion:156 Resp: 33843
Ion Ratio Lower Upper
156 100
77 164.0 87.0 261.0
158 97.7 47.8 143.4



#78
n-propylbenzene
Concen: 20.126 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 91 Resp: 154839
Ion Ratio Lower Upper
91 100
120 23.1 11.1 33.1

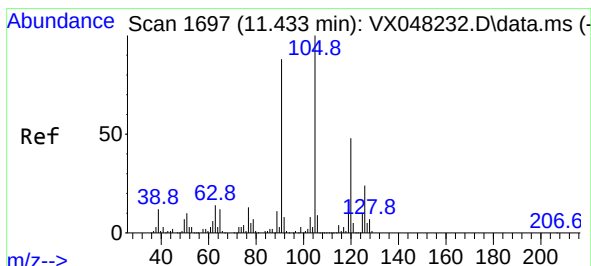
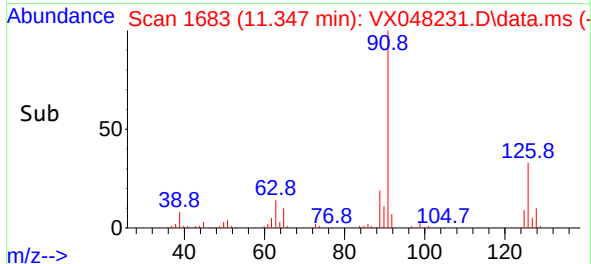
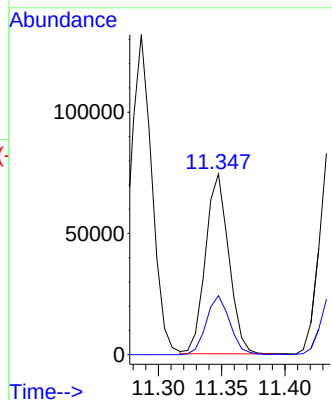
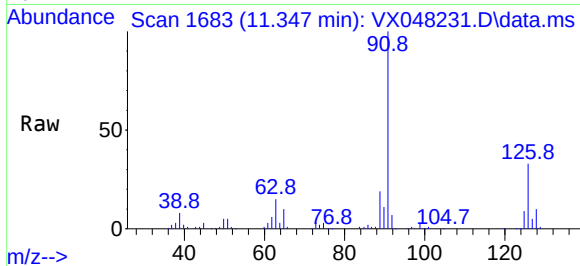




#79
2-Chlorotoluene
Concen: 20.401 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

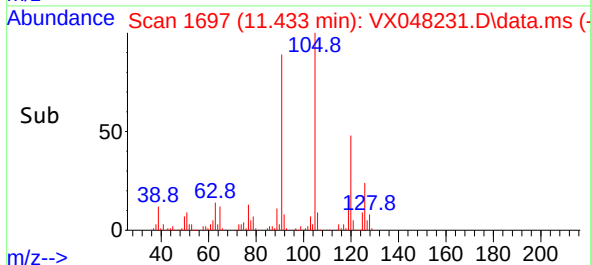
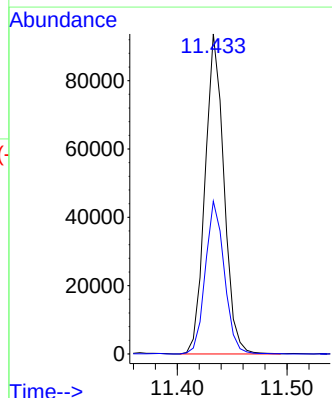
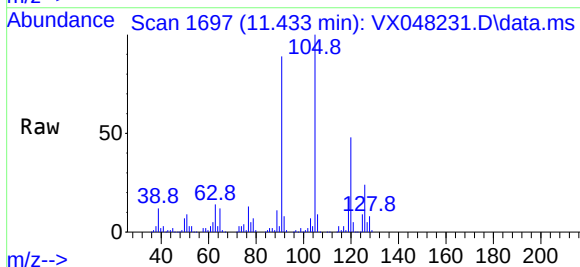
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

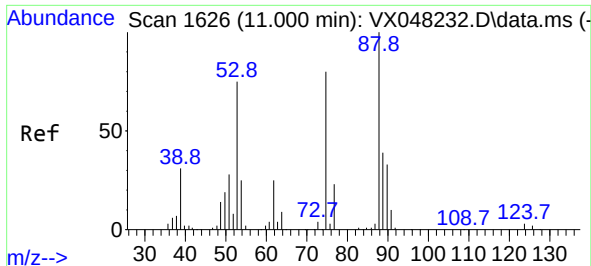
Tgt Ion: 91 Resp: 95156
Ion Ratio Lower Upper
91 100
126 33.3 16.4 49.4



#80
1,3,5-Trimethylbenzene
Concen: 20.379 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 105 Resp: 112057
Ion Ratio Lower Upper
105 100
120 47.9 24.0 72.0

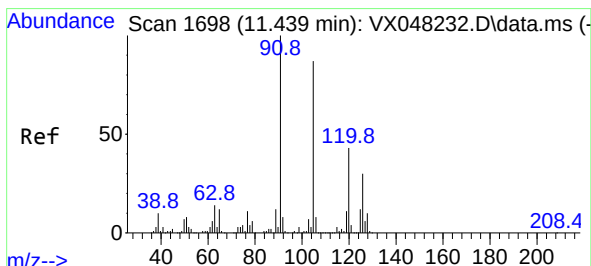
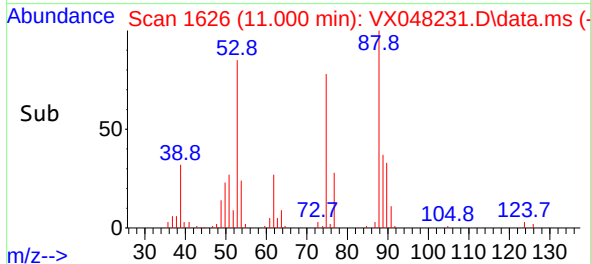
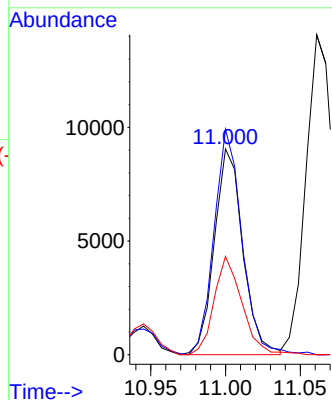
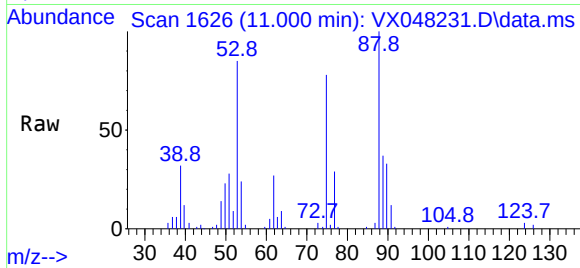




#81
trans-1,4-Dichloro-2-butene
Concen: 19.791 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

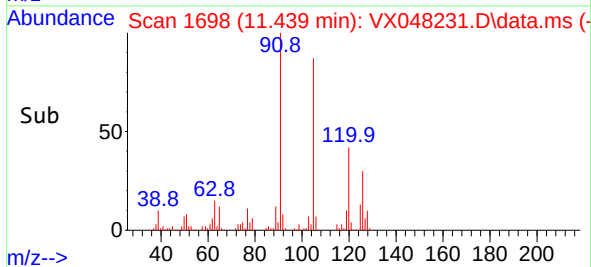
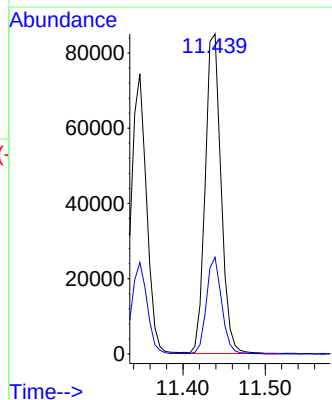
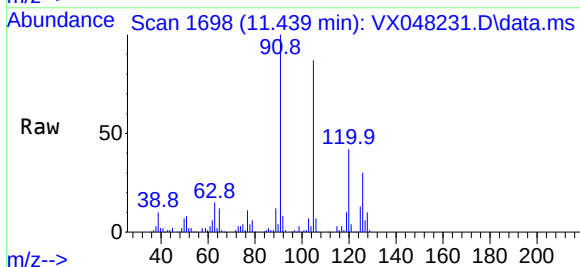
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

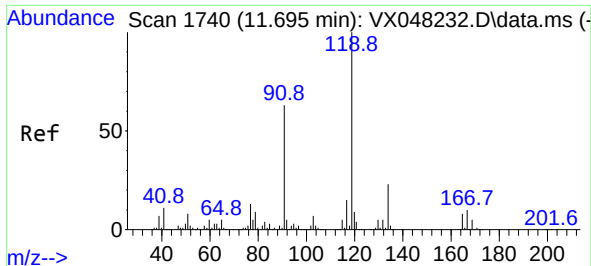
Tgt Ion: 75 Resp: 12001
Ion Ratio Lower Upper
75 100
53 107.3 79.5 119.3
89 46.9 36.8 55.2



#82
4-Chlorotoluene
Concen: 20.498 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 91 Resp: 113495
Ion Ratio Lower Upper
91 100
126 29.3 14.1 42.4

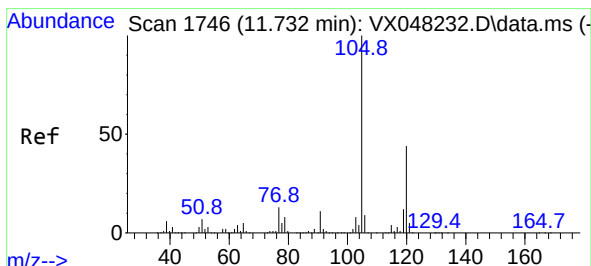
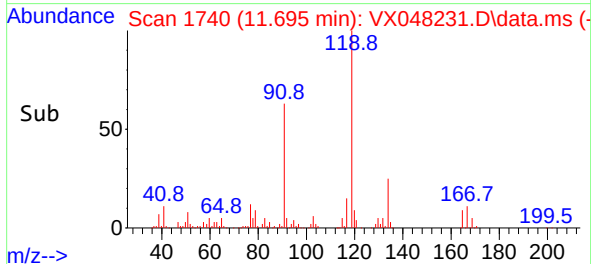
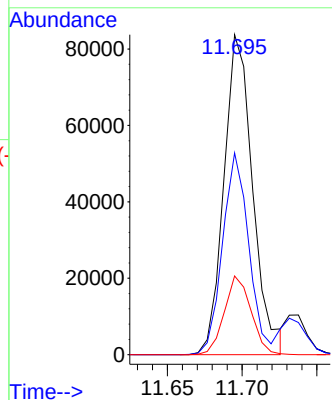
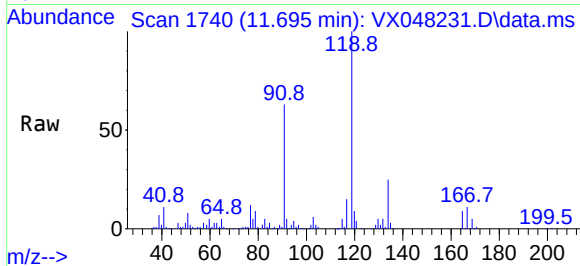




#83
tert-Butylbenzene
Concen: 19.878 ug/l
RT: 11.695 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

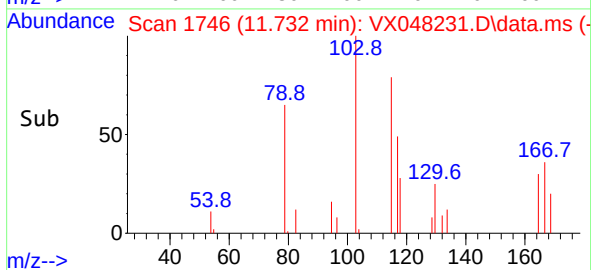
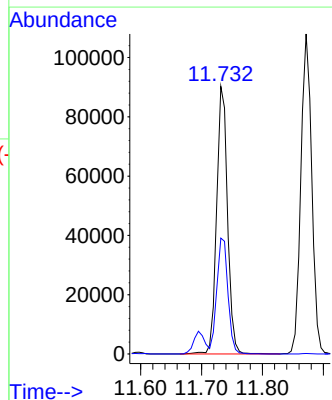
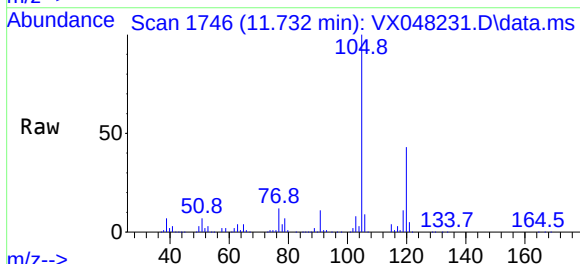
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

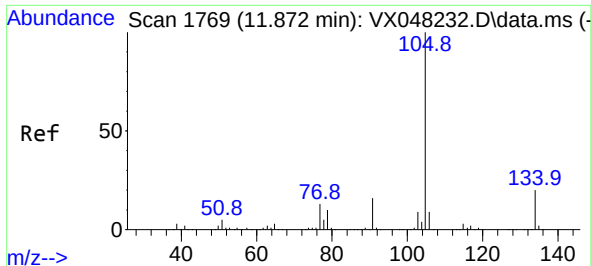
Tgt Ion:119 Resp: 112305
Ion Ratio Lower Upper
119 100
91 57.4 30.3 91.0
134 22.8 11.4 34.2



#84
1,2,4-Trimethylbenzene
Concen: 20.405 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:105 Resp: 111976
Ion Ratio Lower Upper
105 100
120 44.2 22.1 66.5

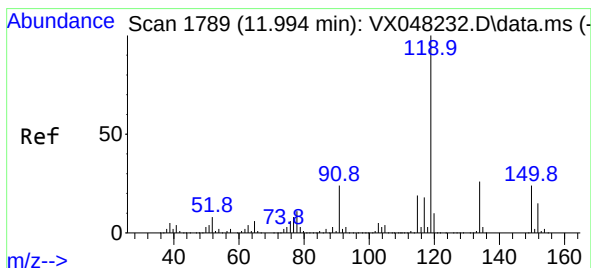
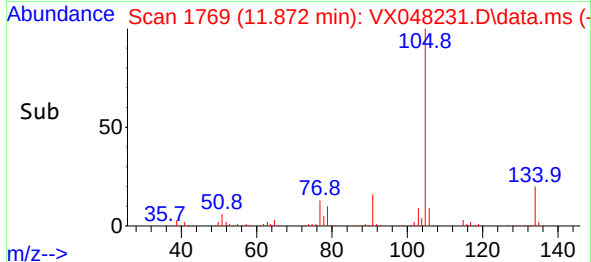
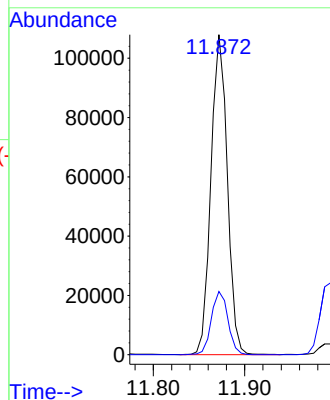
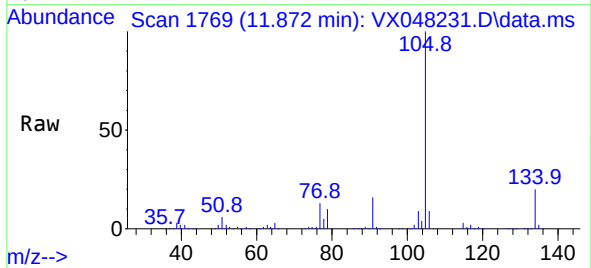




#85
 sec-Butylbenzene
 Concen: 19.716 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048231.D
 Acq: 20 Oct 2025 11:40

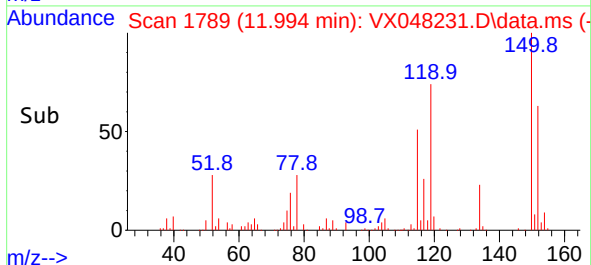
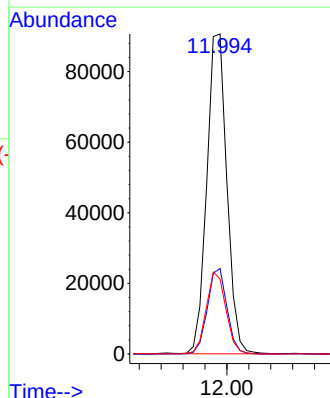
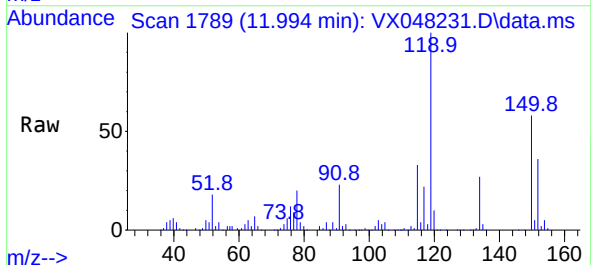
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

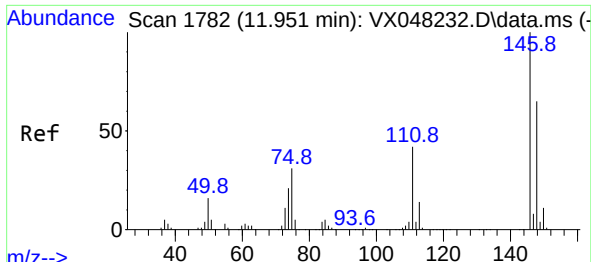
Tgt Ion:105 Resp: 134014
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 19.568 ug/l
 RT: 11.994 min Scan# 1789
 Delta R.T. 0.006 min
 Lab File: VX048231.D
 Acq: 20 Oct 2025 11:40

Tgt Ion:119 Resp: 114969
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 25.1 12.1 36.3

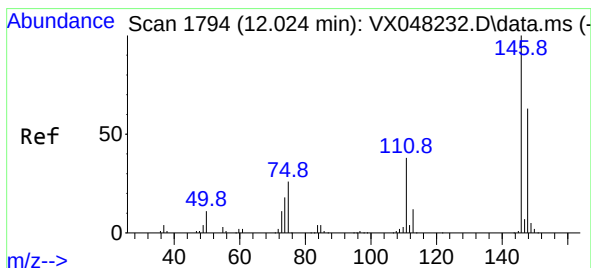
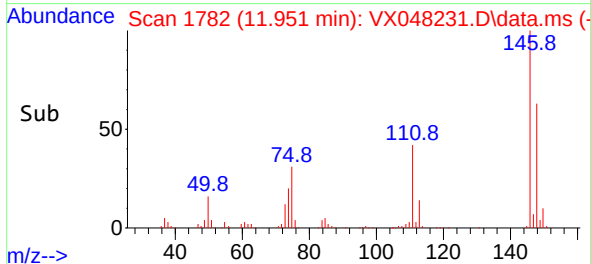
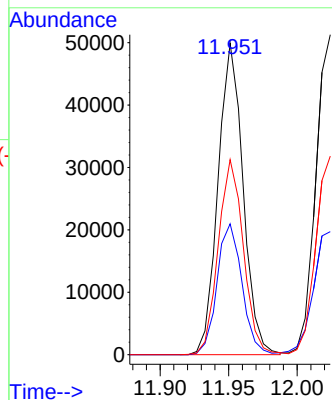
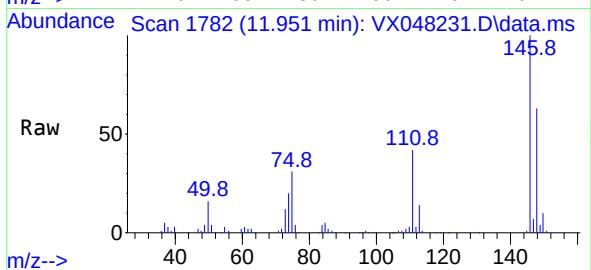




#87
1,3-Dichlorobenzene
Concen: 20.178 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

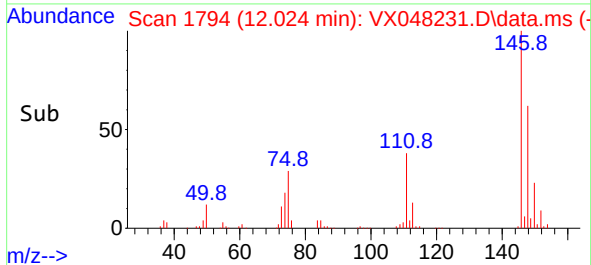
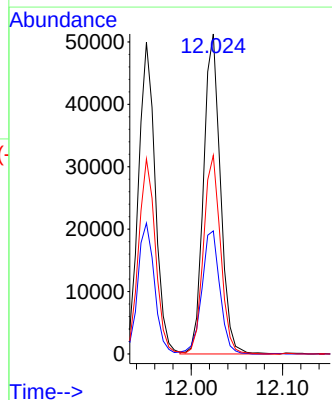
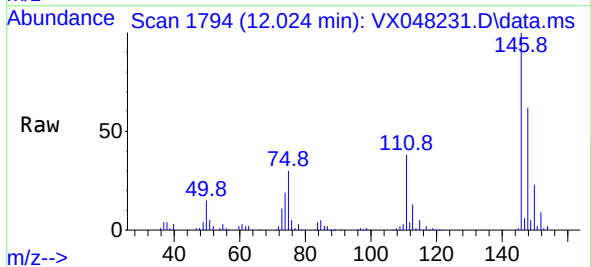
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

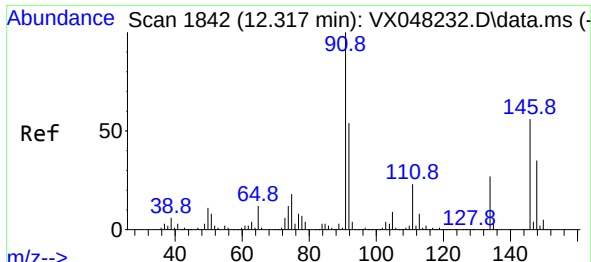
Tgt Ion:146 Resp: 63377
Ion Ratio Lower Upper
146 100
111 41.8 20.4 61.2
148 63.1 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 20.165 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:146 Resp: 65612
Ion Ratio Lower Upper
146 100
111 41.3 20.1 60.2
148 62.6 31.8 95.3

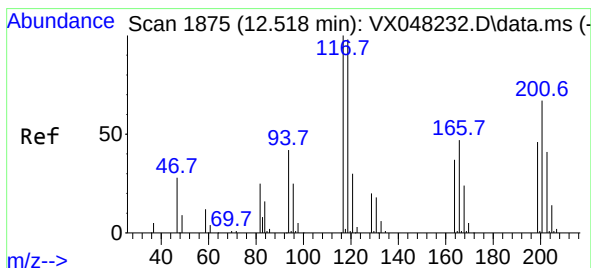
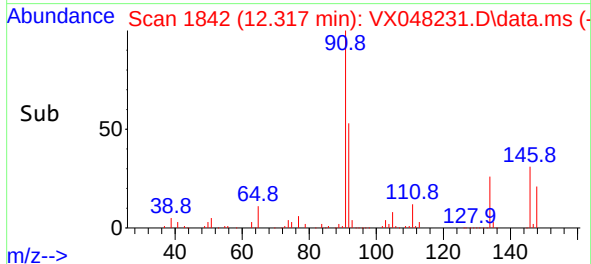
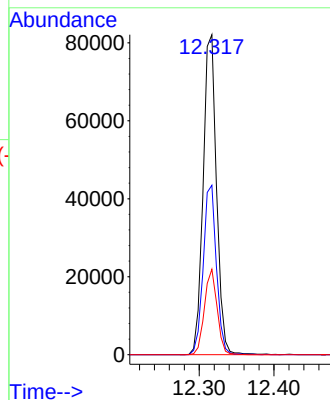
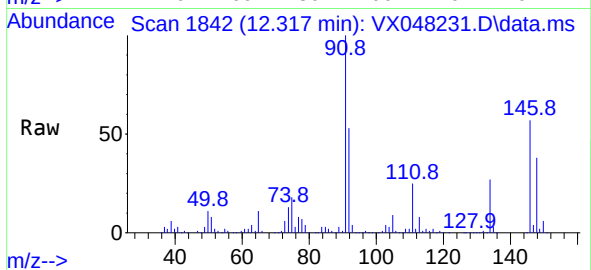




#89
n-Butylbenzene
Concen: 19.100 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

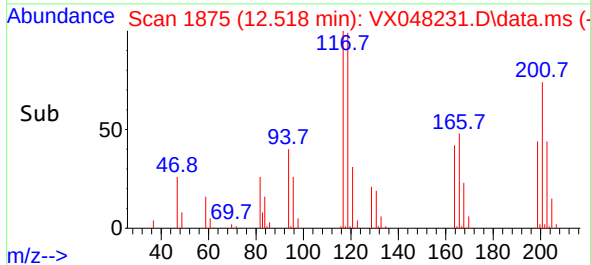
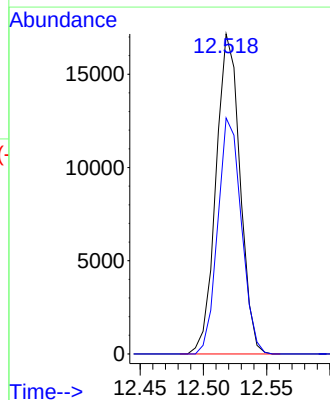
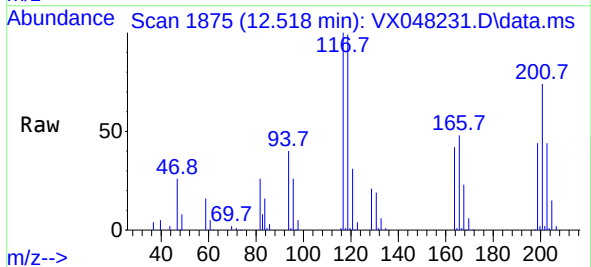
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

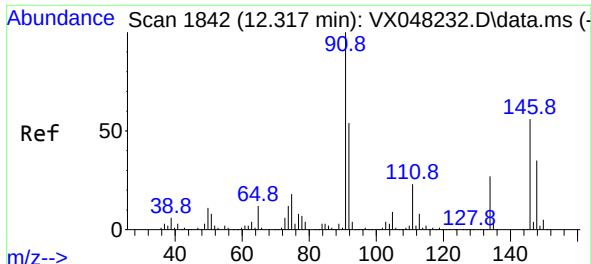
Tgt Ion: 91 Resp: 102140
Ion Ratio Lower Upper
91 100
92 52.3 26.9 80.6
134 25.2 12.7 38.1



#90
Hexachloroethane
Concen: 19.487 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 117 Resp: 22609
Ion Ratio Lower Upper
117 100
201 72.6 34.1 102.2

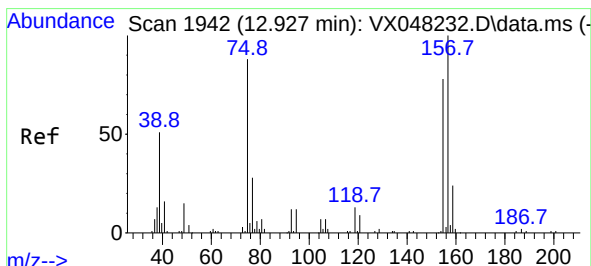
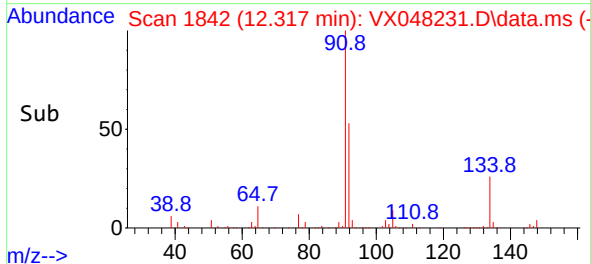
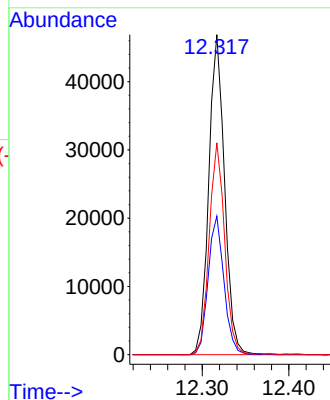
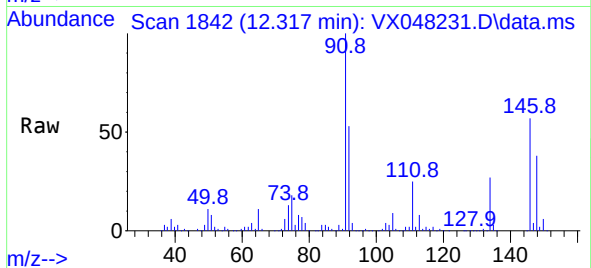




#91
1,2-Dichlorobenzene
Concen: 20.125 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

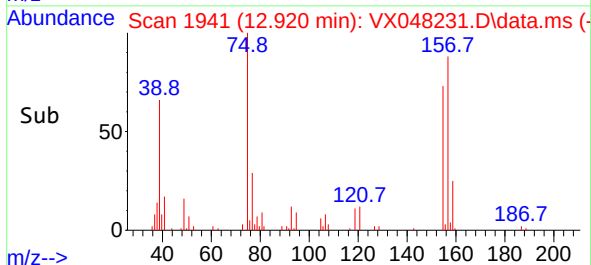
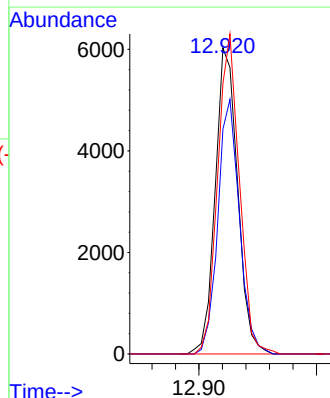
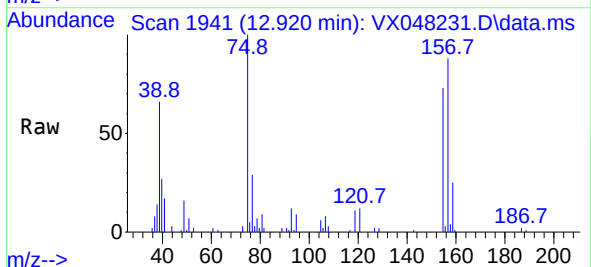
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

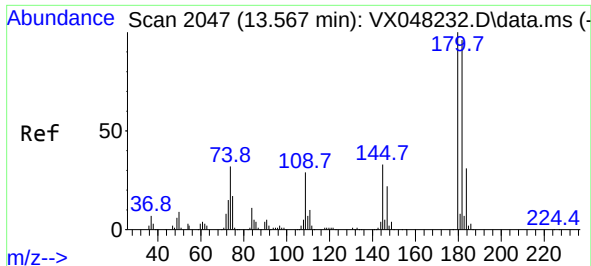
Tgt Ion:146 Resp: 59345
Ion Ratio Lower Upper
146 100
111 43.2 21.9 65.5
148 64.9 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.674 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 75 Resp: 7983
Ion Ratio Lower Upper
75 100
155 80.3 42.8 128.4
157 101.4 54.2 162.6

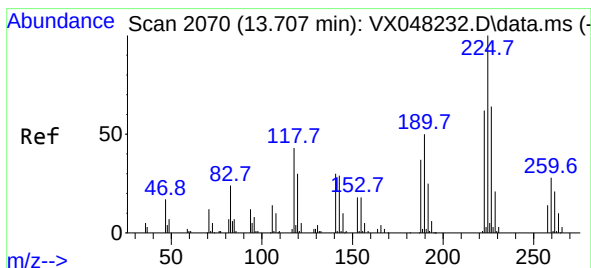
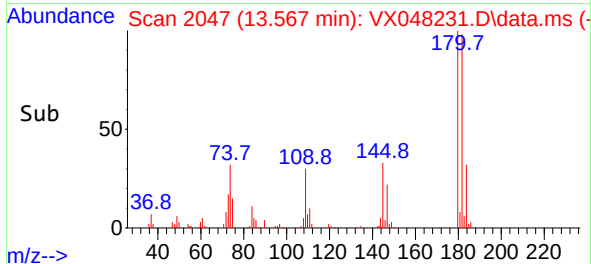
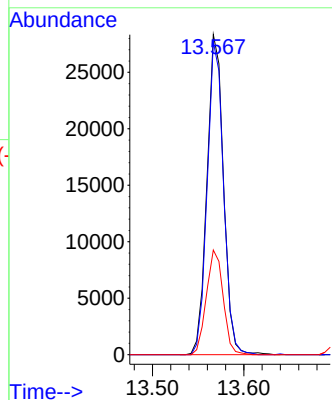
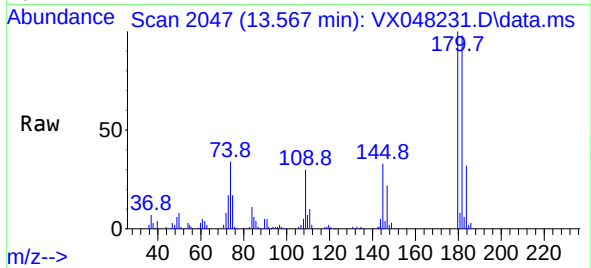




#93
1,2,4-Trichlorobenzene
Concen: 17.784 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

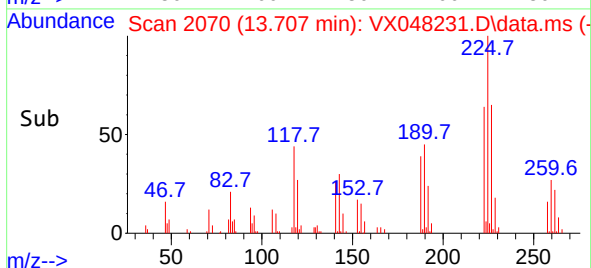
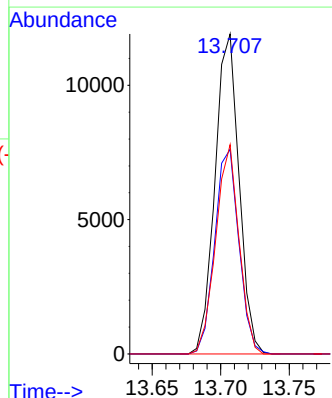
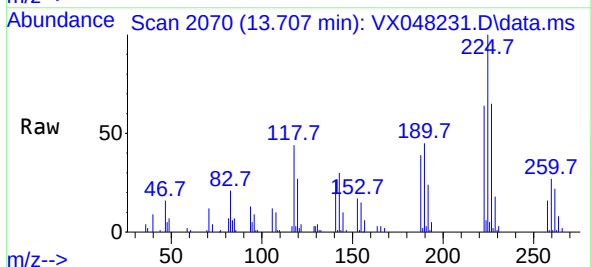
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

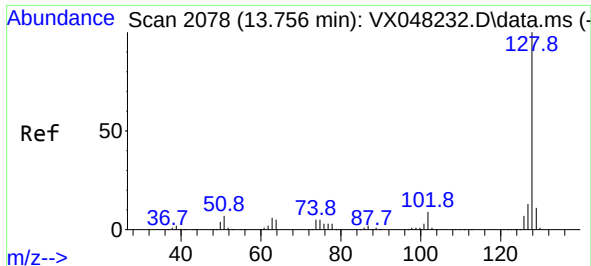
Tgt Ion:180 Resp: 35465
Ion Ratio Lower Upper
180 100
182 96.3 47.3 142.0
145 33.2 16.3 48.9



#94
Hexachlorobutadiene
Concen: 19.483 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

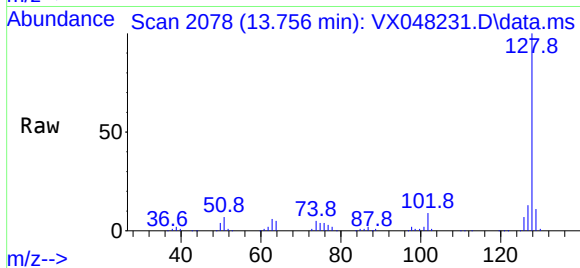
Tgt Ion:225 Resp: 14529
Ion Ratio Lower Upper
225 100
223 64.3 32.6 97.7
227 63.2 32.5 97.4





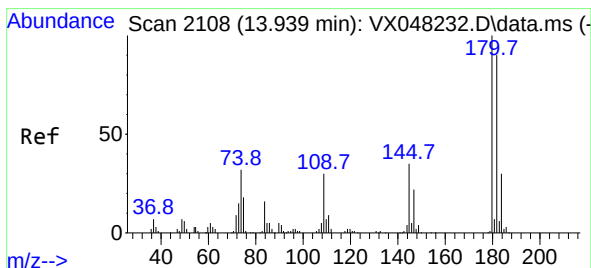
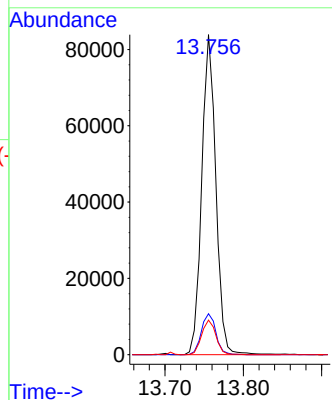
#95
Naphthalene
Concen: 19.836 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:128 Resp: 104803

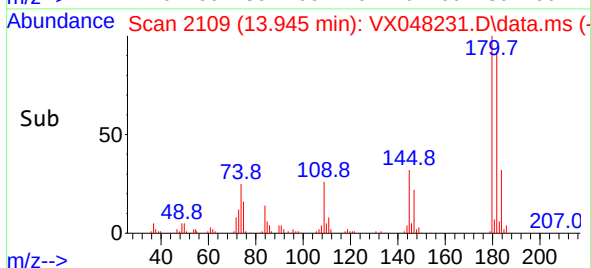
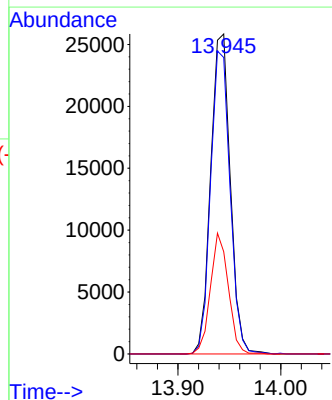
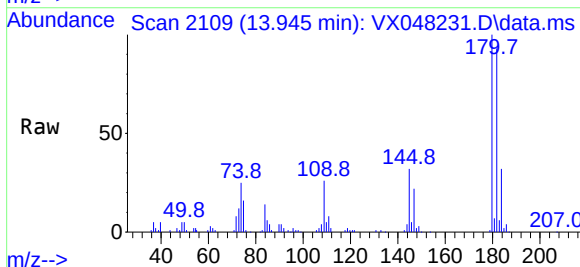
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	11.0	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 18.730 ug/l
RT: 13.945 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:180 Resp: 34276

Ion	Ratio	Lower	Upper
180	100		
182	94.0	46.6	139.7
145	34.6	16.9	50.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
 Data File : VX048232.D
 Acq On : 20 Oct 2025 12:01
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Oct 25 03:35:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	124491	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	201906	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	184494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	92693	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	84951	48.670	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.340%
35) Dibromofluoromethane	5.379	113	66593	48.312	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.620%
50) Toluene-d8	8.635	98	239295	49.529	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.060%
62) 4-Bromofluorobenzene	11.061	95	89579	48.737	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	60172	47.017	ug/l	98
3) Chloromethane	1.301	50	55934	46.824	ug/l	100
4) Vinyl Chloride	1.380	62	51819	46.845	ug/l	99
5) Bromomethane	1.618	94	35101	46.757	ug/l	98
6) Chloroethane	1.697	64	30718	47.258	ug/l	95
7) Trichlorofluoromethane	1.898	101	100423	47.336	ug/l	99
8) Diethyl Ether	2.136	74	27723	46.442	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.337	101	62391	46.442	ug/l	95
10) Methyl Iodide	2.459	142	82552	48.881	ug/l	99
11) Tert butyl alcohol	2.947	59	38534	222.353	ug/l	99
12) 1,1-Dichloroethene	2.325	96	60330	46.160	ug/l	94
13) Acrolein	2.239	56	40536	229.343	ug/l	100
14) Allyl chloride	2.666	41	100234	46.192	ug/l	97
15) Acrylonitrile	3.056	53	149009	238.450	ug/l	100
16) Acetone	2.374	43	126003	210.429	ug/l	100
17) Carbon Disulfide	2.514	76	179492	43.575	ug/l	99
18) Methyl Acetate	2.703	43	58071	46.437	ug/l	91
19) Methyl tert-butyl Ether	3.111	73	212092	47.567	ug/l	96
20) Methylene Chloride	2.788	84	68663	47.061	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	66608	46.395	ug/l	96
22) Diisopropyl ether	3.757	45	206901	47.805	ug/l	91
23) Vinyl Acetate	3.715	43	839370	242.786	ug/l	97
24) 1,1-Dichloroethane	3.611	63	121657	46.487	ug/l	99
25) 2-Butanone	4.544	43	175075	230.996	ug/l	93
26) 2,2-Dichloropropane	4.471	77	109062	46.171	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	77911	46.500	ug/l	98
28) Bromochloromethane	4.885	49	54919	50.611	ug/l	85
29) Tetrahydrofuran	4.989	42	106381	234.362	ug/l	93
30) Chloroform	5.087	83	130274	46.594	ug/l	96
31) Cyclohexane	5.465	56	102251	47.194	ug/l	92
32) 1,1,1-Trichloroethane	5.373	97	121090	46.992	ug/l	99
36) 1,1-Dichloropropene	5.684	75	87493	44.659	ug/l	98
37) Ethyl Acetate	4.702	43	74261	45.730	ug/l	97
38) Carbon Tetrachloride	5.666	117	111708	46.216	ug/l	98
39) Methylcyclohexane	7.367	83	109077	47.143	ug/l	94
40) Benzene	6.025	78	262745	46.192	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
 Data File : VX048232.D
 Acq On : 20 Oct 2025 12:01
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Oct 25 03:35:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	41293	48.421	ug/l	96
42) 1,2-Dichloroethane	6.074	62	100937	48.090	ug/l	99
43) Isopropyl Acetate	6.324	43	128290	48.095	ug/l	96
44) Trichloroethene	7.111	130	70313	46.815	ug/l	98
45) 1,2-Dichloropropane	7.415	63	64895	47.986	ug/l	99
46) Dibromomethane	7.568	93	49874	47.337	ug/l	94
47) Bromodichloromethane	7.806	83	108671	47.770	ug/l	97
48) Methyl methacrylate	7.678	41	65057	48.334	ug/l	94
49) 1,4-Dioxane	7.647	88	17905	1006.888	ug/l	90
51) 4-Methyl-2-Pentanone	8.555	43	380665	247.515	ug/l	95
52) Toluene	8.702	92	173942	48.136	ug/l	100
53) t-1,3-Dichloropropene	8.964	75	109960	50.159	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	115534	48.847	ug/l	93
55) 1,1,2-Trichloroethane	9.135	97	64737	48.174	ug/l	96
56) Ethyl methacrylate	9.104	69	98851	50.292	ug/l	94
57) 1,3-Dichloropropane	9.293	76	110709	48.231	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	262387	248.279	ug/l	95
59) 2-Hexanone	9.415	43	269143	250.974	ug/l	96
60) Dibromochloromethane	9.506	129	85760	47.482	ug/l	98
61) 1,2-Dibromoethane	9.592	107	69022	48.180	ug/l	99
64) Tetrachloroethene	9.257	164	60510	43.934	ug/l	96
65) Chlorobenzene	10.061	112	192841	46.465	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	71930	47.187	ug/l	98
67) Ethyl Benzene	10.177	91	336660	47.645	ug/l	99
68) m/p-Xylenes	10.287	106	253662	96.619	ug/l	100
69) o-Xylene	10.622	106	122582	48.363	ug/l	98
70) Styrene	10.640	104	210861	48.857	ug/l	100
71) Bromoform	10.781	173	56874	46.682	ug/l #	100
73) Isopropylbenzene	10.945	105	317974	46.966	ug/l	100
74) N-amyl acetate	10.823	43	115683	48.171	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.195	83	87705	47.437	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	99387	66.118	ug/l	79
77) Bromobenzene	11.183	156	79543	46.856	ug/l	94
78) n-propylbenzene	11.287	91	372312	47.496	ug/l	98
79) 2-Chlorotoluene	11.348	91	222217	46.757	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	265174	47.329	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	29295	47.415	ug/l	98
82) 4-Chlorotoluene	11.439	91	267236	47.367	ug/l	98
83) tert-Butylbenzene	11.695	119	270202	46.938	ug/l	96
84) 1,2,4-Trimethylbenzene	11.732	105	265485	47.480	ug/l	99
85) sec-Butylbenzene	11.872	105	322219	46.524	ug/l	100
86) p-Isopropyltoluene	11.994	119	276821	46.242	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	143699	44.902	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	146196	44.097	ug/l	99
89) n-Butylbenzene	12.317	91	243063	44.609	ug/l	99
90) Hexachloroethane	12.518	117	52735	44.609	ug/l	96
91) 1,2-Dichlorobenzene	12.317	146	138489	46.091	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.927	75	18059	48.120	ug/l	99
93) 1,2,4-Trichlorobenzene	13.567	180	88920	43.761	ug/l	99
94) Hexachlorobutadiene	13.707	225	34615	45.467	ug/l	97
95) Naphthalene	13.756	128	257281	47.792	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	84279	45.200	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048232.D
Acq On : 20 Oct 2025 12:01
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: Oct 25 03:35:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

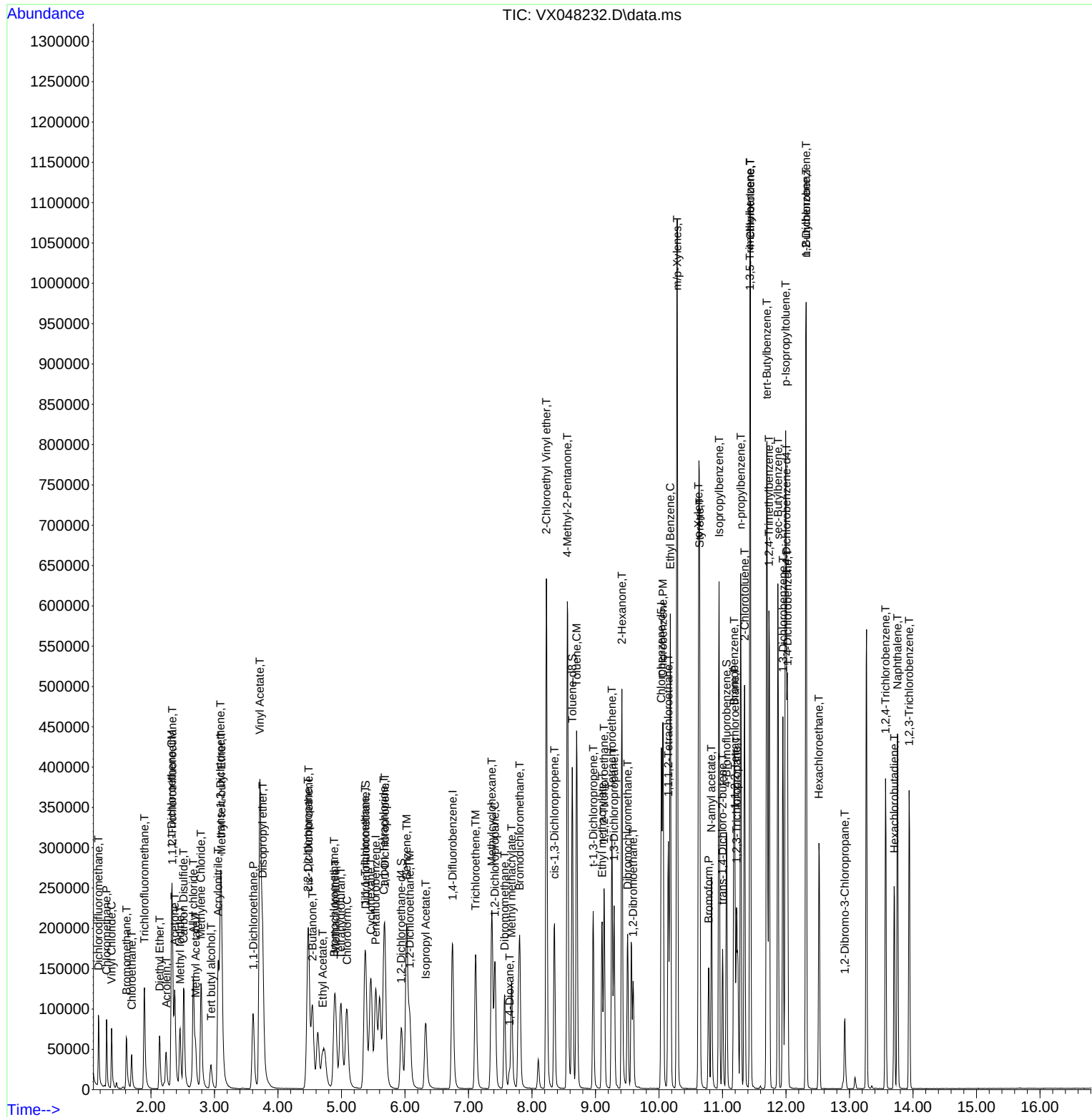
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

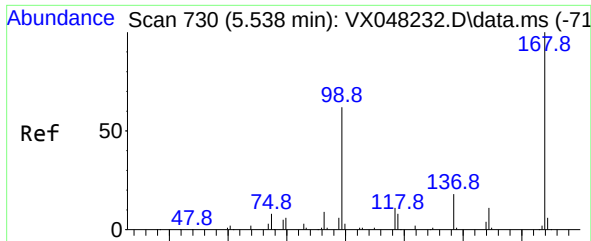
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
 Data File : VX048232.D
 Acq On : 20 Oct 2025 12:01
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

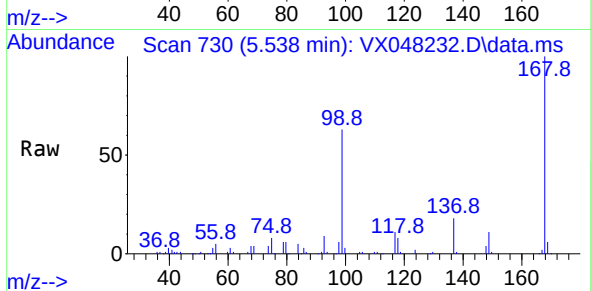
Quant Time: Oct 25 03:35:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration



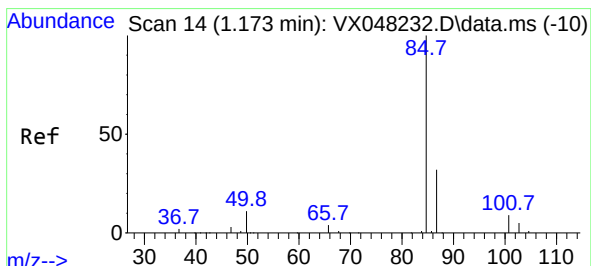
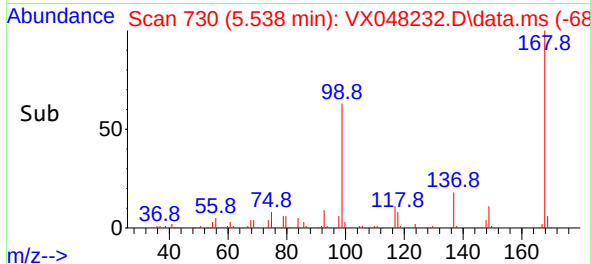
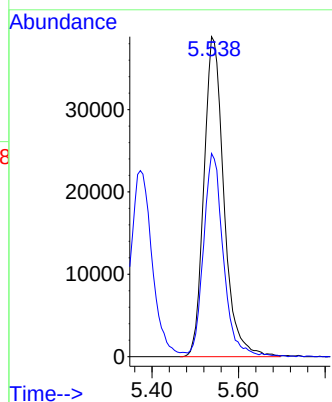


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

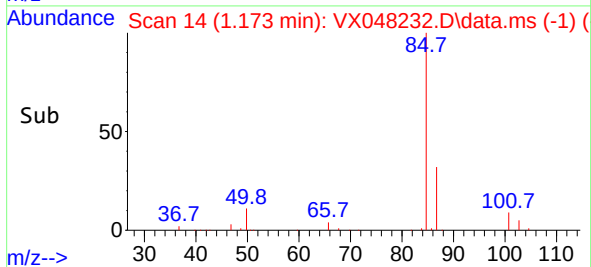
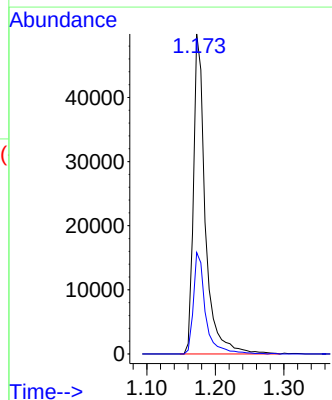
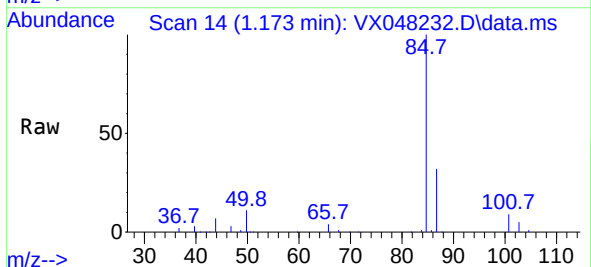


Tgt Ion:168 Resp: 124491
Ion Ratio Lower Upper
168 100
99 63.3 46.4 69.6

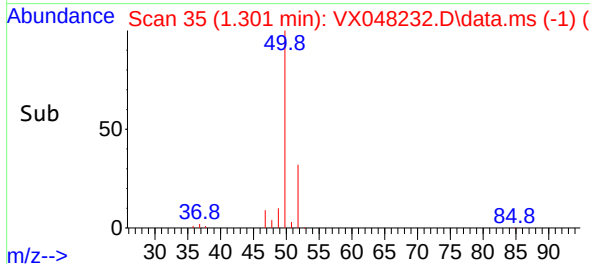
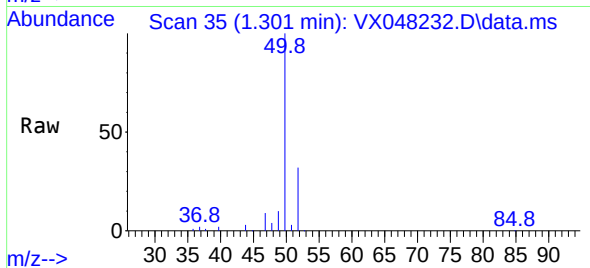
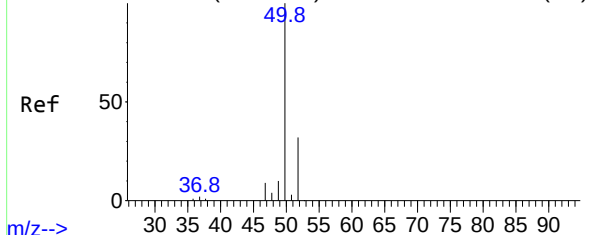


#2
Dichlorodifluoromethane
Concen: 47.017 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 85 Resp: 60172
Ion Ratio Lower Upper
85 100
87 31.7 15.3 45.9



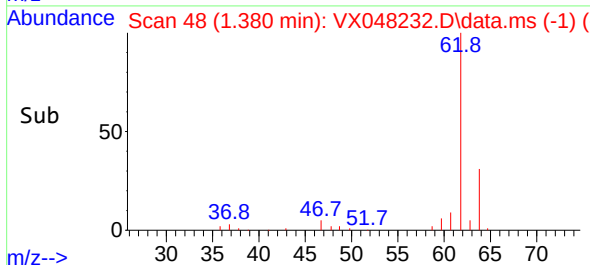
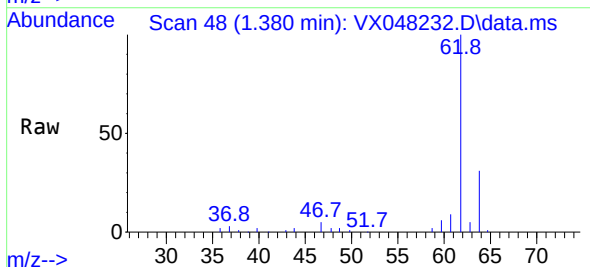
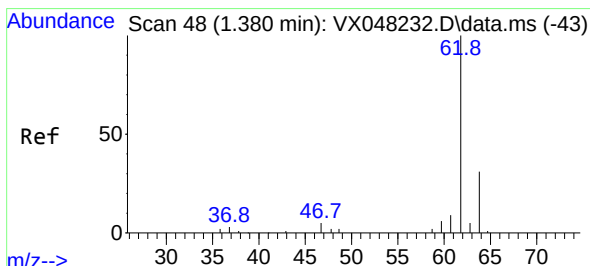
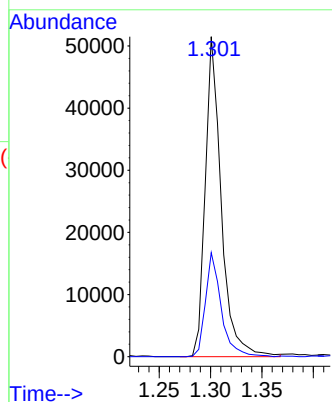
Abundance Scan 35 (1.301 min): VX048232.D\data.ms (-30)



#3
Chloromethane
Concen: 46.824 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

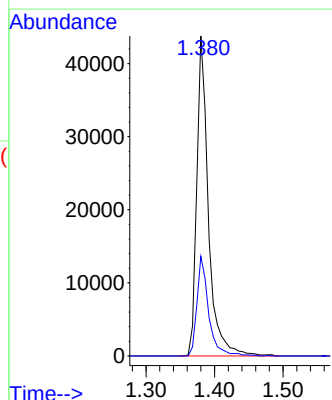
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

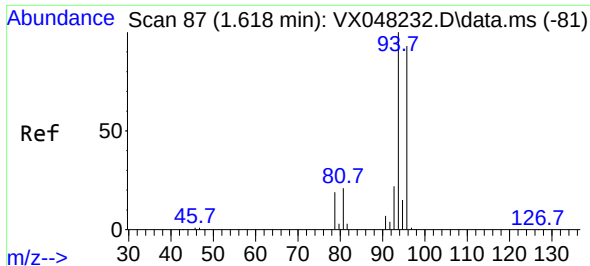
Tgt Ion: 50 Resp: 55934
Ion Ratio Lower Upper
50 100
52 32.5 25.9 38.9



#4
Vinyl Chloride
Concen: 46.845 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 62 Resp: 51819
Ion Ratio Lower Upper
62 100
64 31.1 25.1 37.7

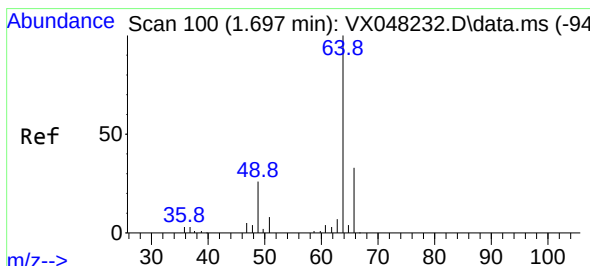
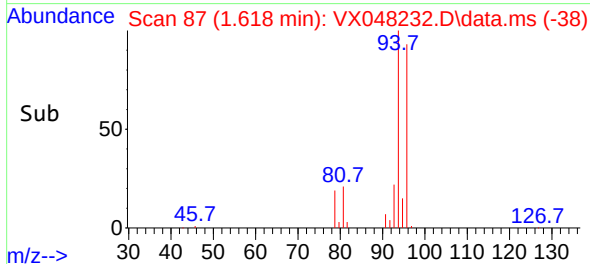
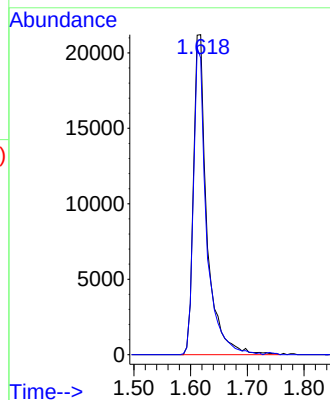
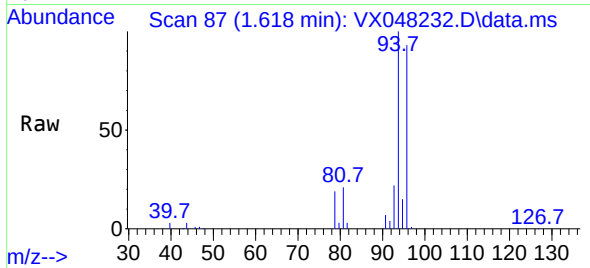




#5
Bromomethane
Concen: 46.757 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

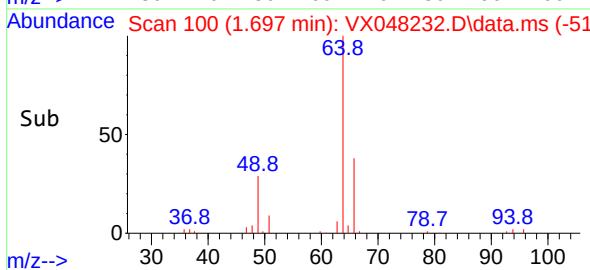
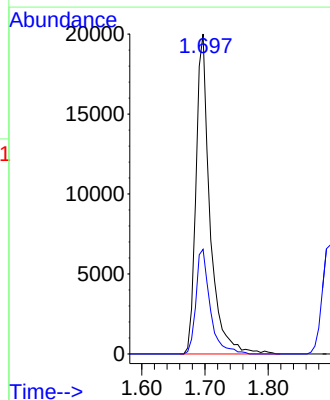
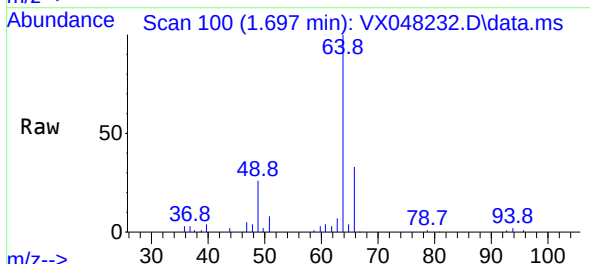
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

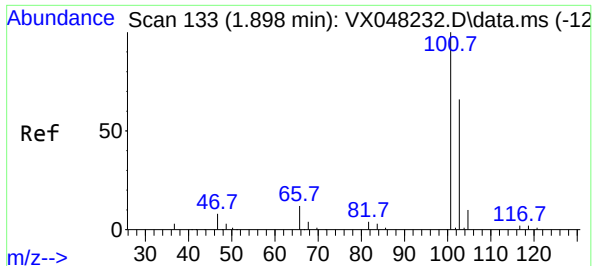
Tgt Ion: 94 Resp: 35101
Ion Ratio Lower Upper
94 100
96 92.7 76.0 114.0



#6
Chloroethane
Concen: 47.258 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 64 Resp: 30718
Ion Ratio Lower Upper
64 100
66 32.7 23.9 35.9

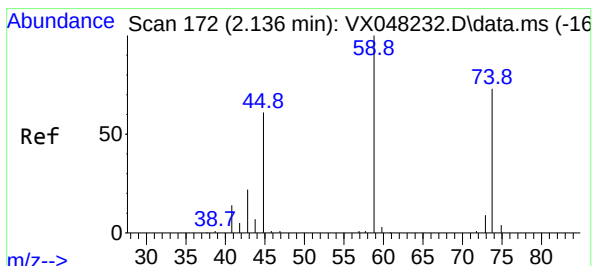
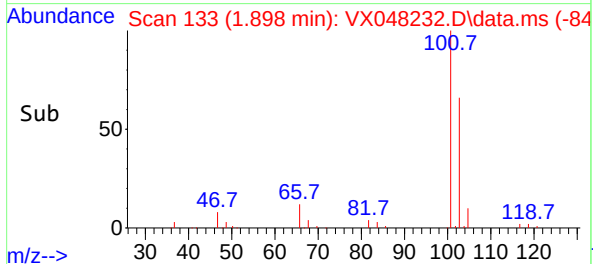
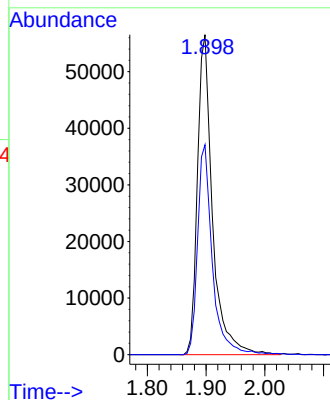
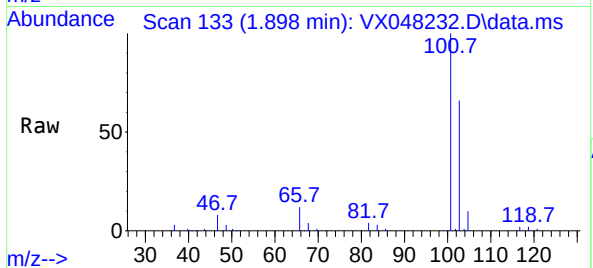




#7
Trichlorofluoromethane
Concen: 47.336 ug/l
RT: 1.898 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

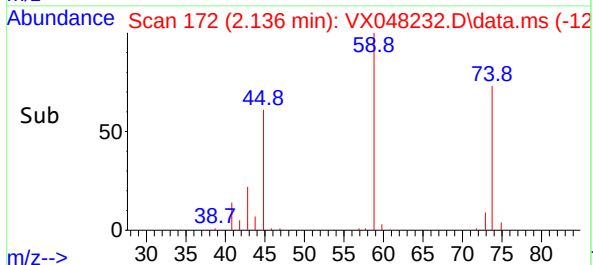
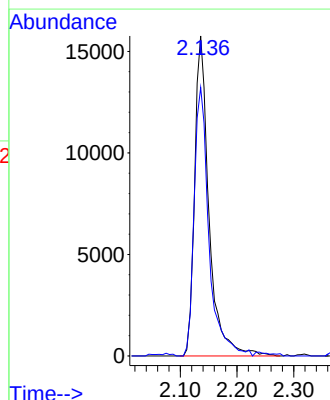
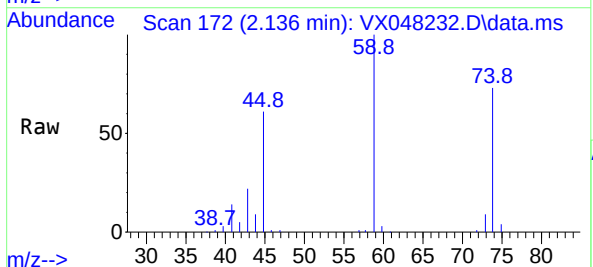
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

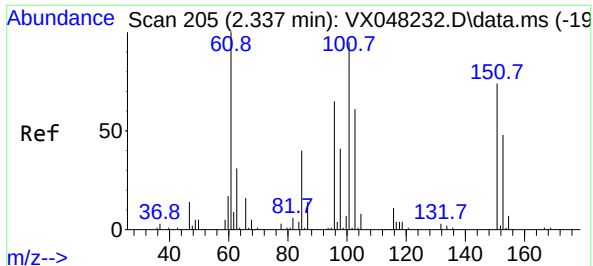
Tgt Ion:101 Resp: 100423
Ion Ratio Lower Upper
101 100
103 65.6 51.6 77.4



#8
Diethyl Ether
Concen: 46.442 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 74 Resp: 27723
Ion Ratio Lower Upper
74 100
45 86.5 50.0 149.8

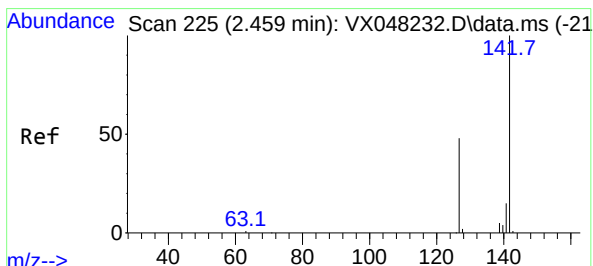
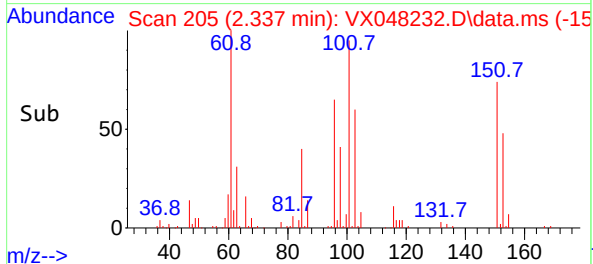
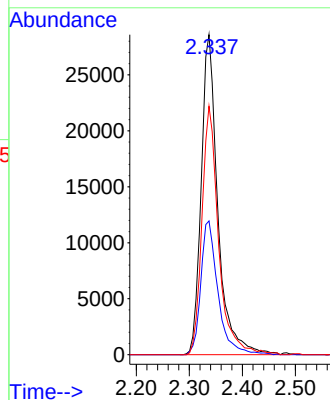
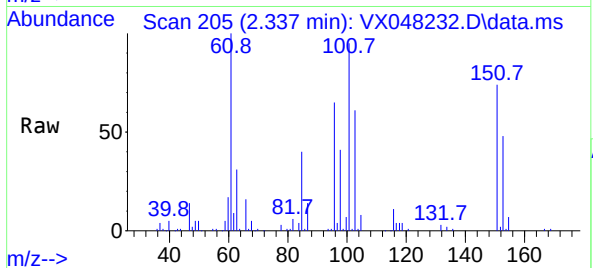




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.442 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

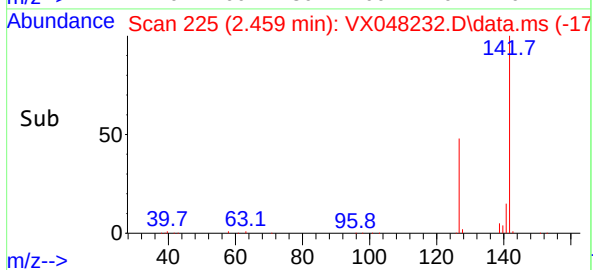
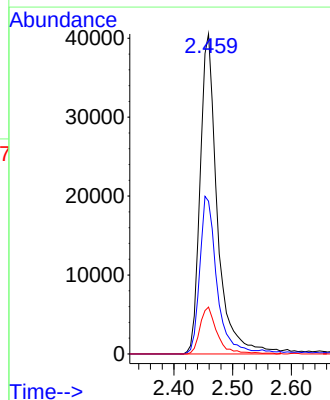
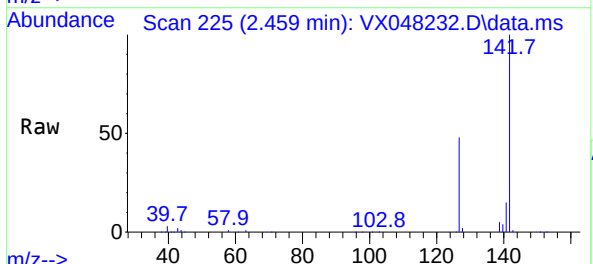
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

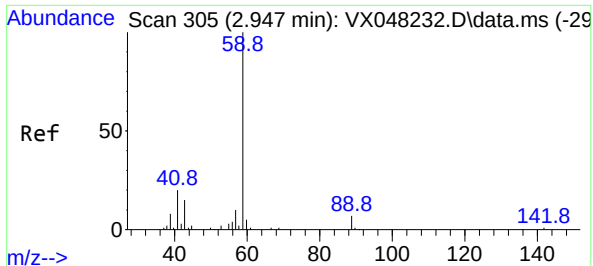
Tgt Ion:101 Resp: 62391
Ion Ratio Lower Upper
101 100
85 43.2 35.6 53.4
151 77.9 58.0 87.0



#10
Methyl Iodide
Concen: 48.881 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:142 Resp: 82552
Ion Ratio Lower Upper
142 100
127 48.9 38.5 57.7
141 14.7 11.6 17.4

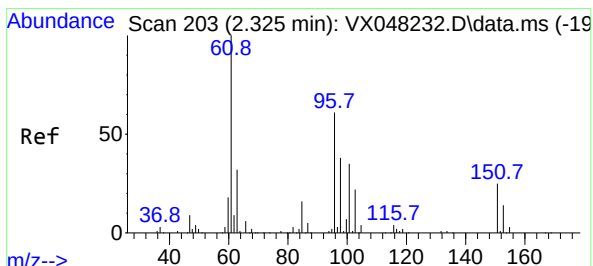
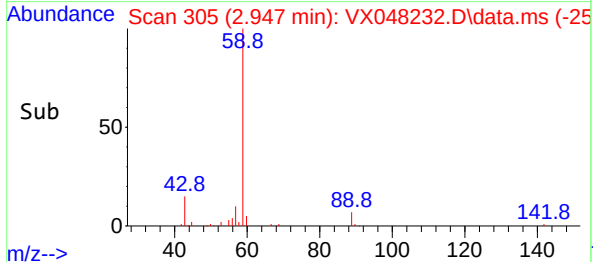
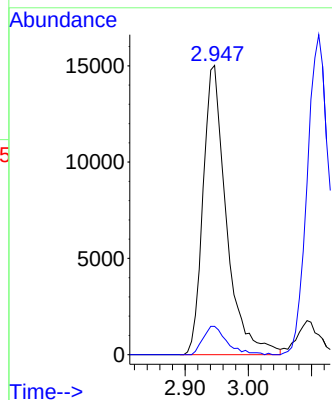
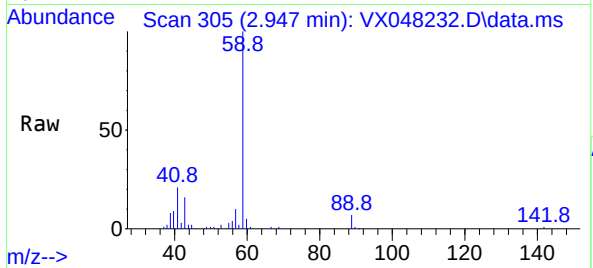




#11
Tert butyl alcohol
Concen: 222.353 ug/l
RT: 2.947 min Scan# 305
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

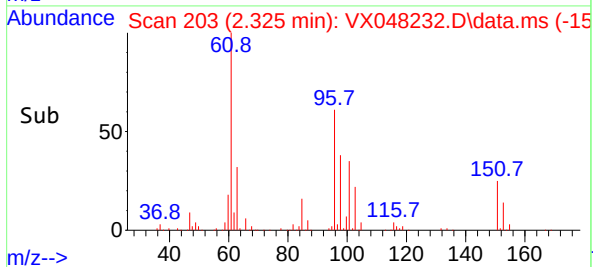
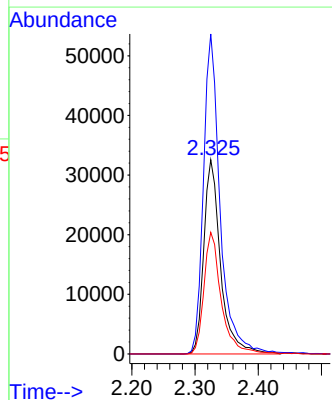
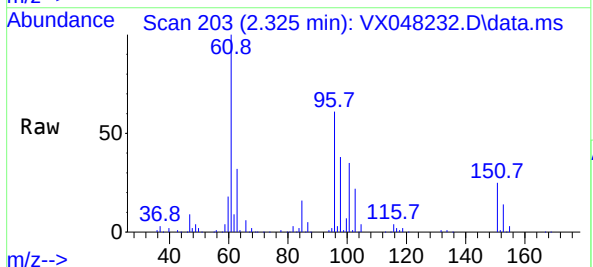
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

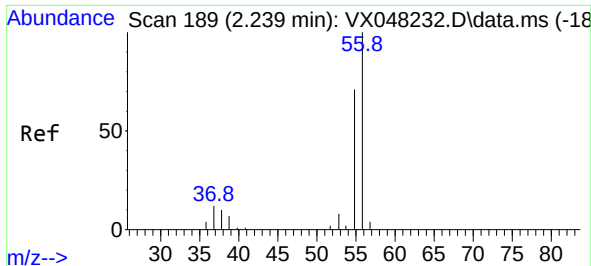
Tgt Ion: 59 Resp: 38534
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4



#12
1,1-Dichloroethene
Concen: 46.160 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 96 Resp: 60330
Ion Ratio Lower Upper
96 100
61 164.7 139.0 208.6
98 62.6 52.4 78.6

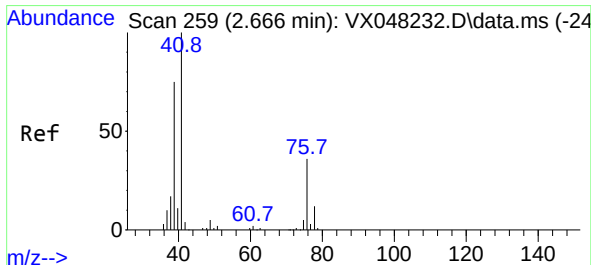
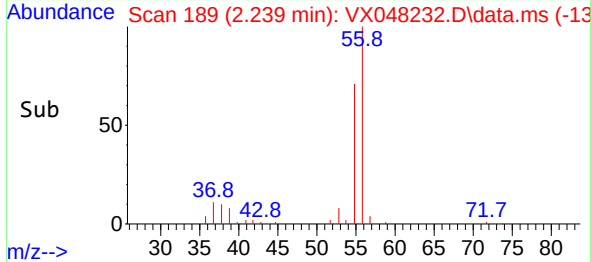
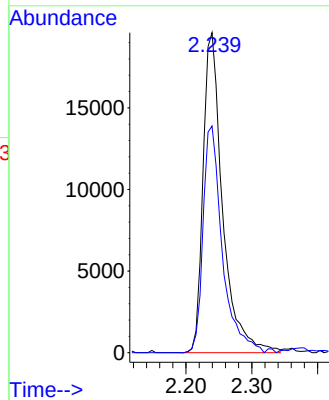
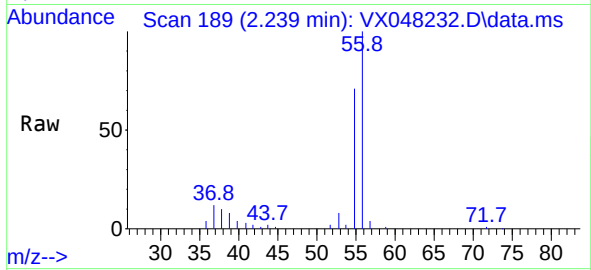




#13
Acrolein
Concen: 229.343 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

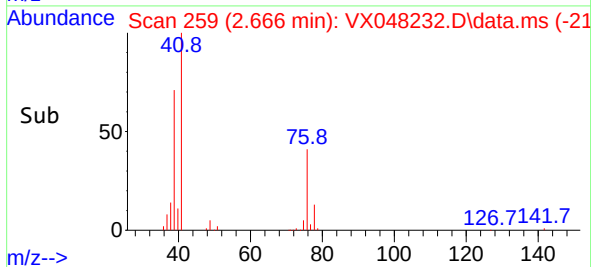
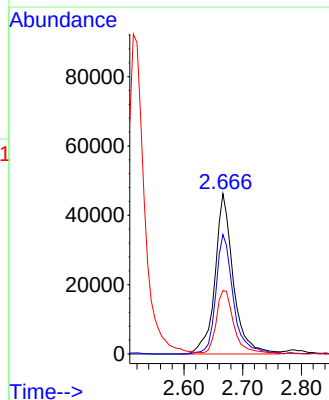
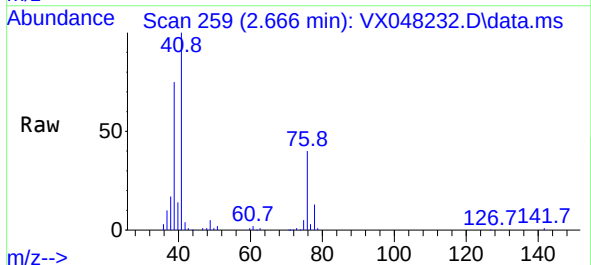
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

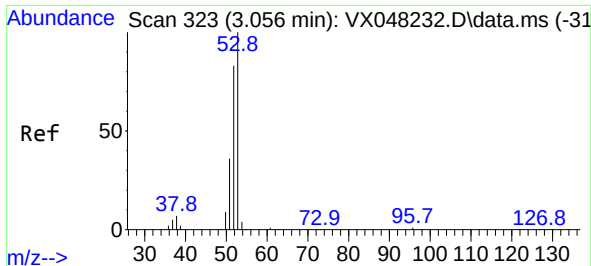
Tgt Ion: 56 Resp: 40536
Ion Ratio Lower Upper
56 100
55 69.8 56.1 84.1



#14
Allyl chloride
Concen: 46.192 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 41 Resp: 100234
Ion Ratio Lower Upper
41 100
39 71.0 56.0 84.0
76 38.6 27.5 41.3

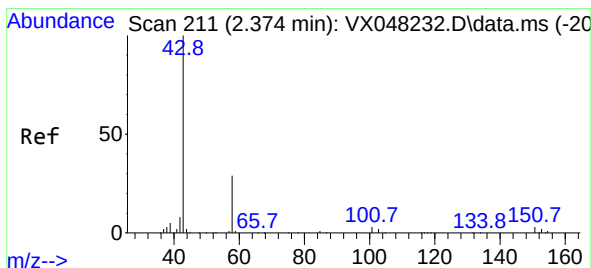
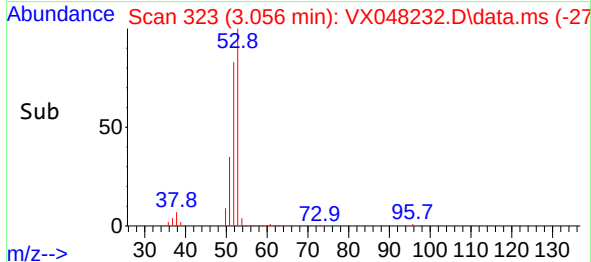
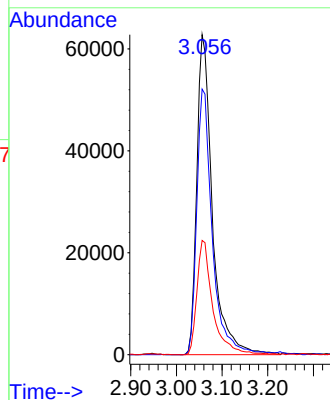
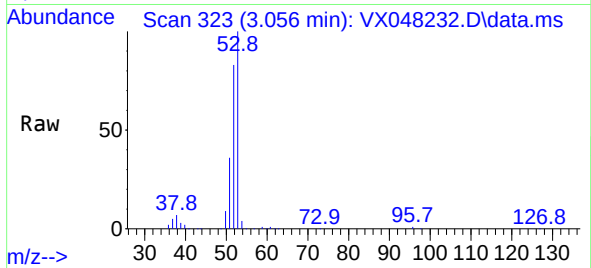




#15
Acrylonitrile
Concen: 238.450 ug/l
RT: 3.056 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

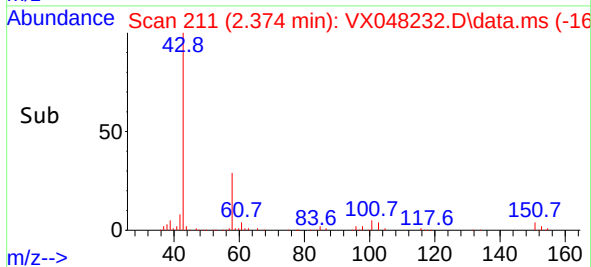
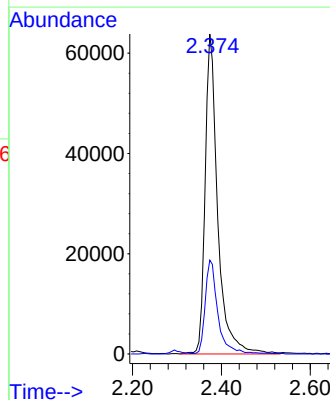
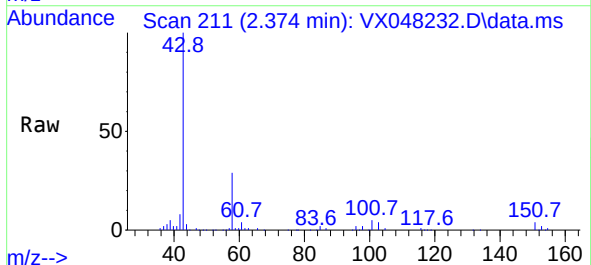
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

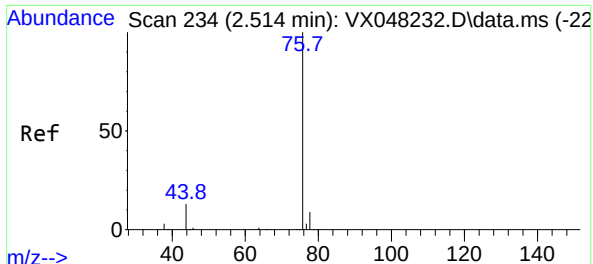
Tgt Ion: 53 Resp: 149009
Ion Ratio Lower Upper
53 100
52 82.9 66.1 99.1
51 36.6 29.0 43.4



#16
Acetone
Concen: 210.429 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 43 Resp: 126003
Ion Ratio Lower Upper
43 100
58 29.2 23.4 35.2

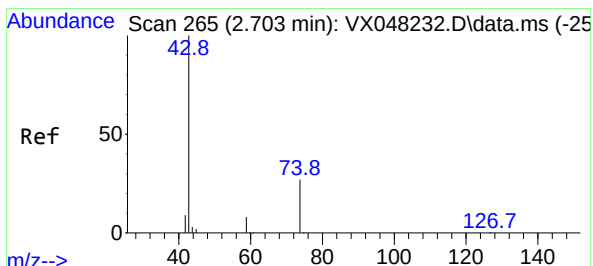
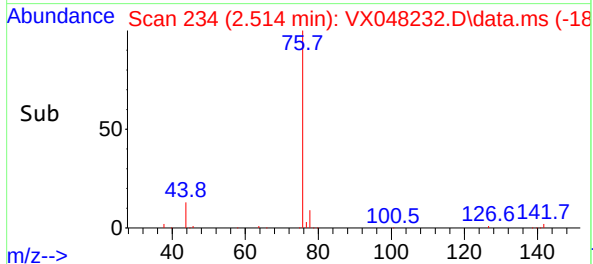
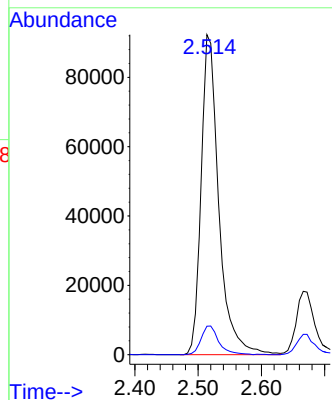
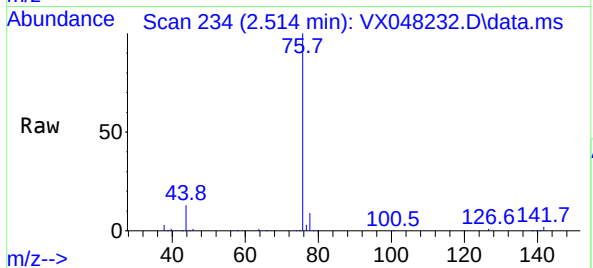




#17
Carbon Disulfide
Concen: 43.575 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

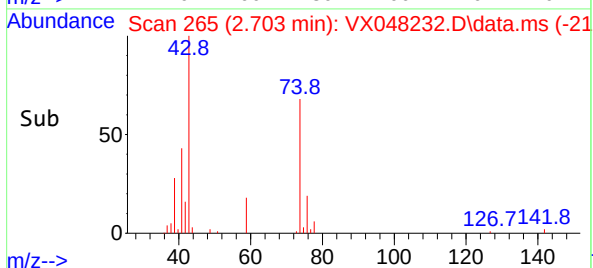
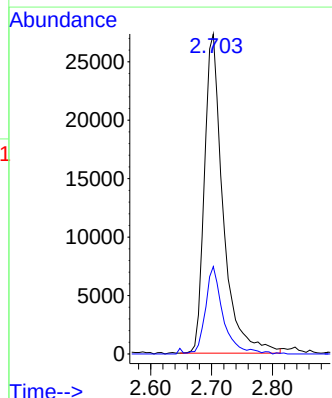
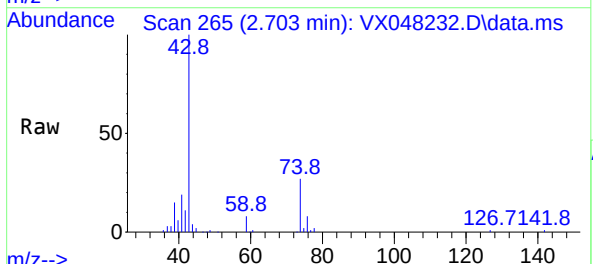
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

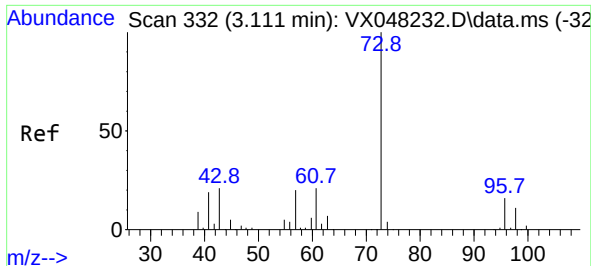
Tgt Ion: 76 Resp: 179492
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 46.437 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 43 Resp: 58071
Ion Ratio Lower Upper
43 100
74 26.0 17.5 26.3

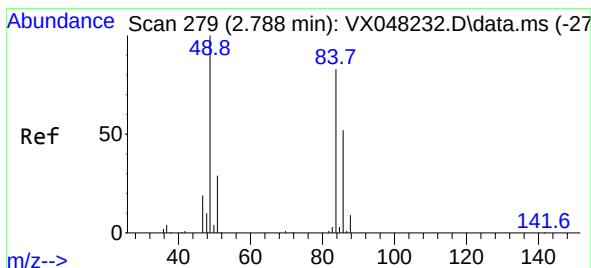
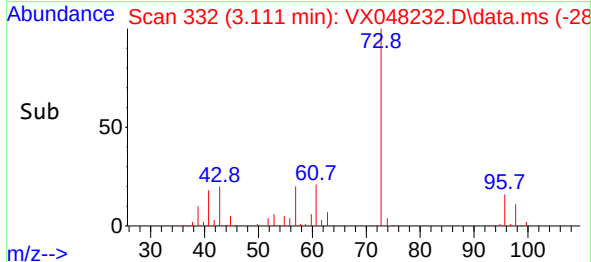
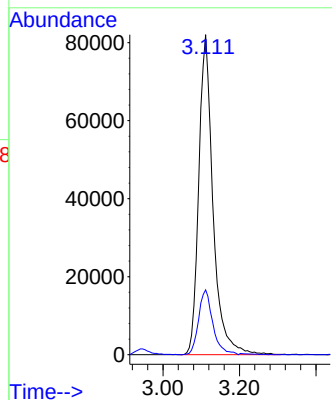
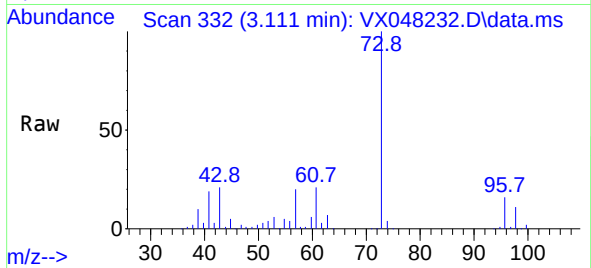




#19
Methyl tert-butyl Ether
Concen: 47.567 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

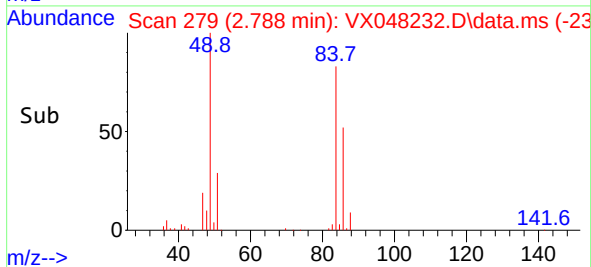
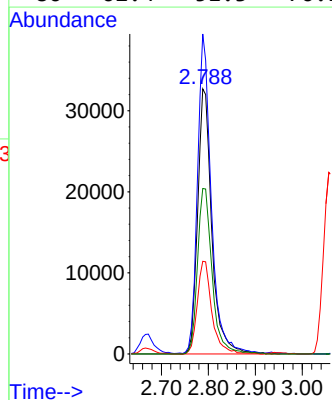
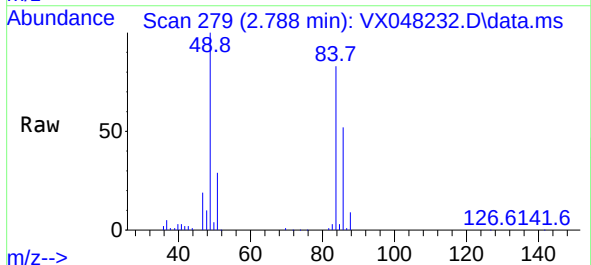
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

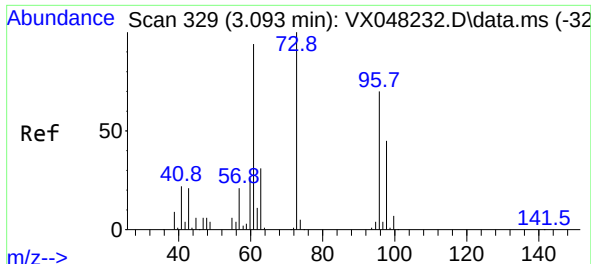
Tgt Ion: 73 Resp: 212092
Ion Ratio Lower Upper
73 100
57 20.3 17.7 26.5



#20
Methylene Chloride
Concen: 47.061 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 84 Resp: 68663
Ion Ratio Lower Upper
84 100
49 120.4 104.1 156.1
51 35.0 31.3 46.9
86 62.4 51.3 76.9

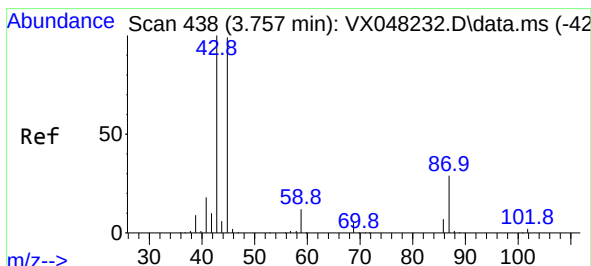
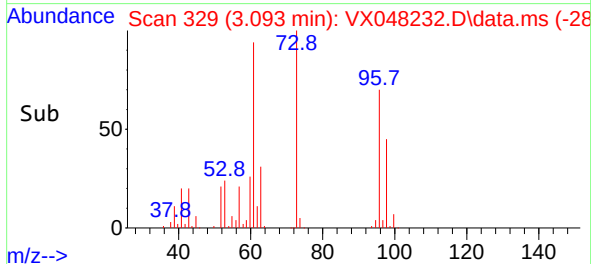
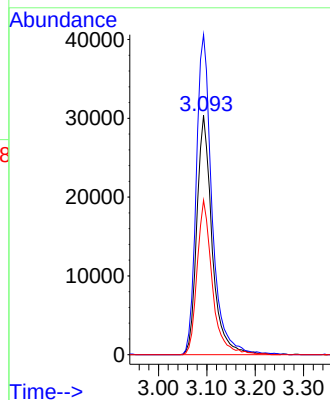
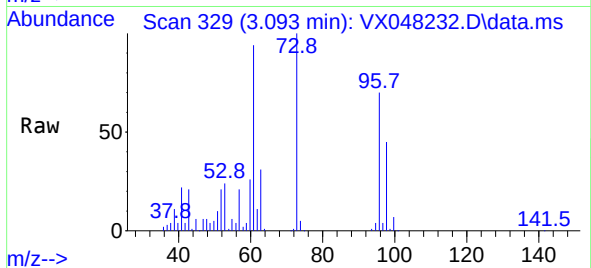




#21
trans-1,2-Dichloroethene
Concen: 46.395 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

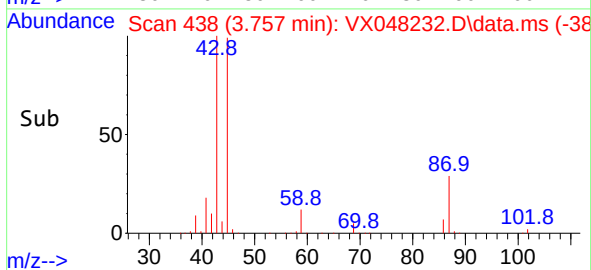
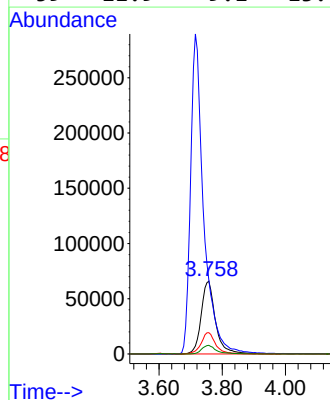
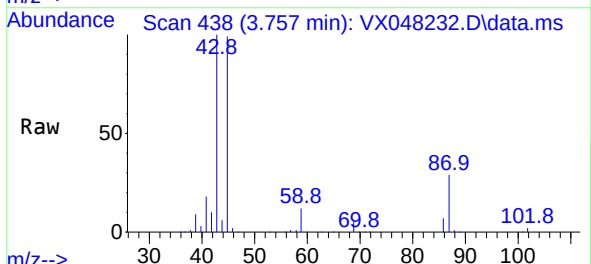
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

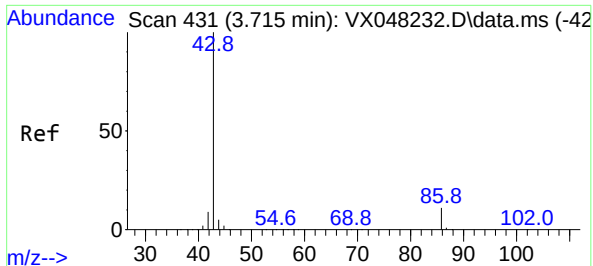
Tgt Ion: 96 Resp: 66608
Ion Ratio Lower Upper
96 100
61 133.8 111.9 167.9
98 64.5 51.2 76.8



#22
Diisopropyl ether
Concen: 47.805 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 45 Resp: 206901
Ion Ratio Lower Upper
45 100
43 101.1 89.8 134.8
87 29.3 20.6 31.0
59 11.9 9.1 13.7

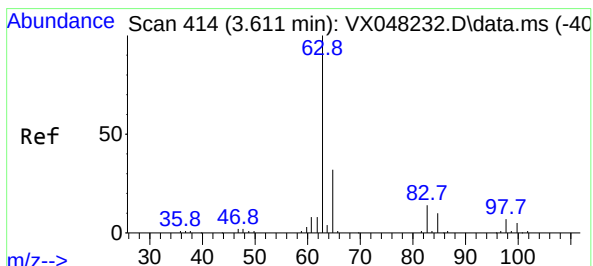
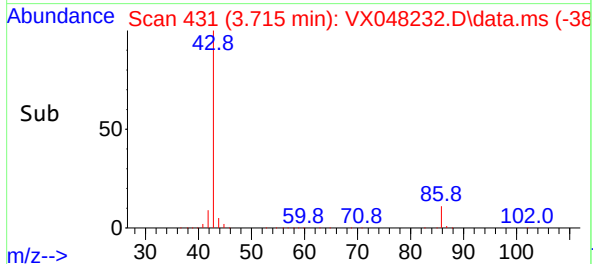
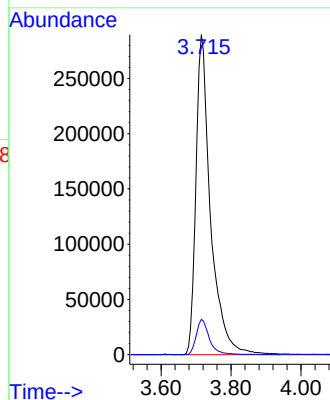
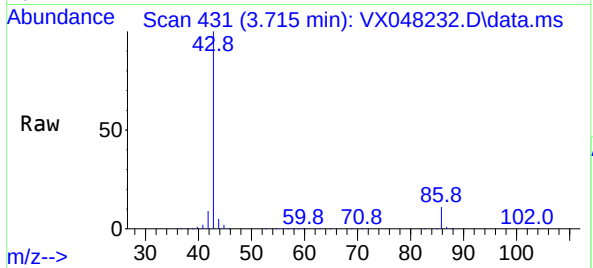




#23
 Vinyl Acetate
 Concen: 242.786 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX048232.D
 Acq: 20 Oct 2025 12:01

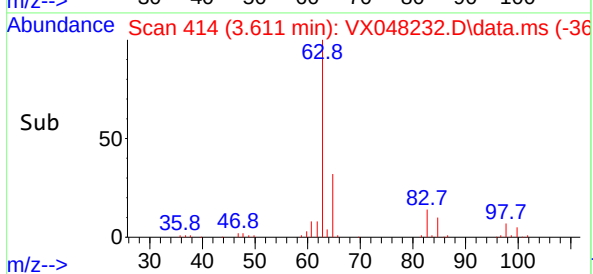
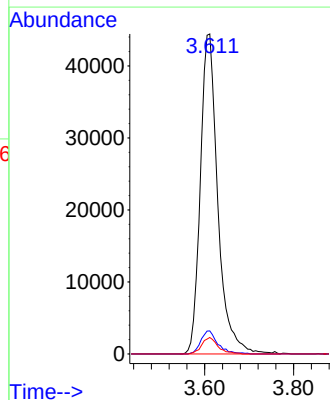
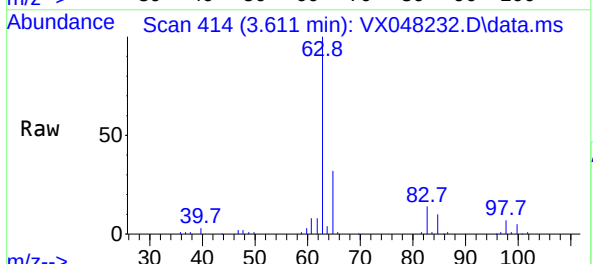
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

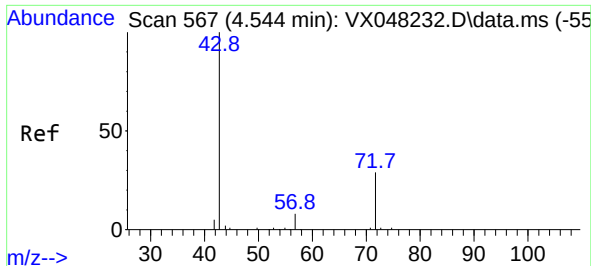
Tgt Ion: 43 Resp: 839370
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 46.487 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX048232.D
 Acq: 20 Oct 2025 12:01

Tgt Ion: 63 Resp: 121657
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.6
 100 5.1 2.1 6.3

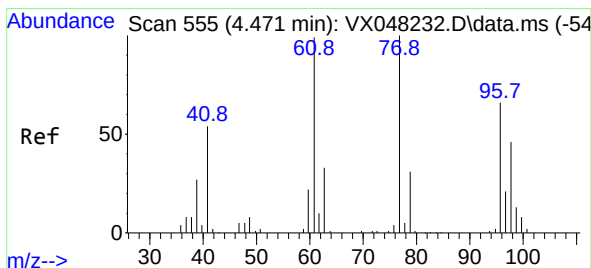
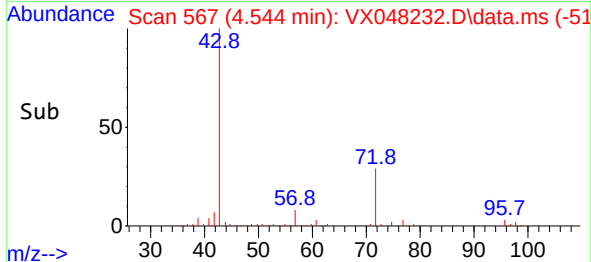
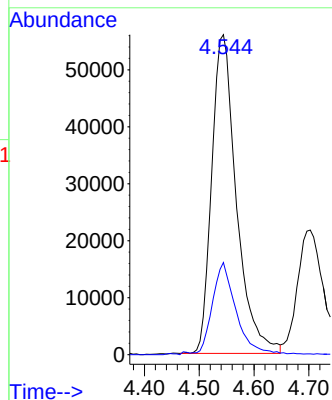
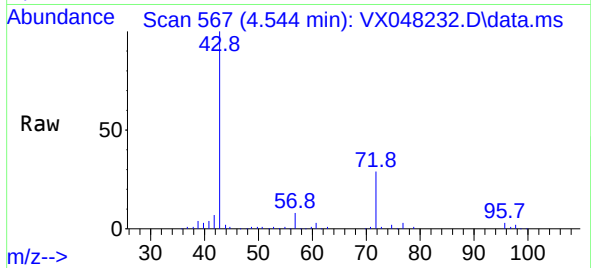




#25
2-Butanone
Concen: 230.996 ug/l
RT: 4.544 min Scan# 567
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

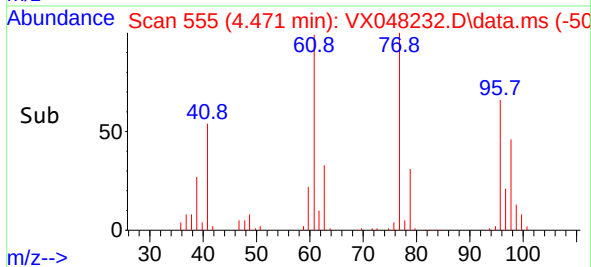
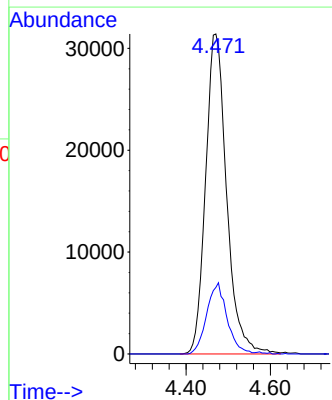
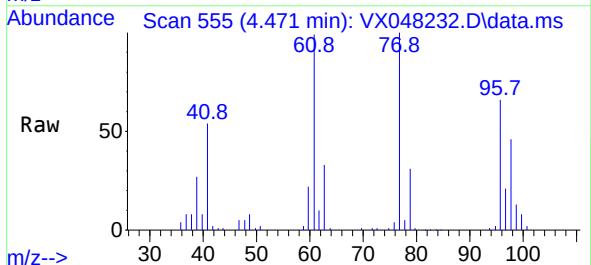
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

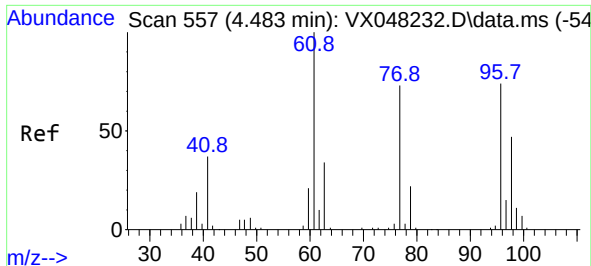
Tgt Ion: 43 Resp: 175075
Ion Ratio Lower Upper
43 100
72 28.6 19.9 29.9



#26
2,2-Dichloropropane
Concen: 46.171 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 77 Resp: 109062
Ion Ratio Lower Upper
77 100
97 21.5 11.1 33.3



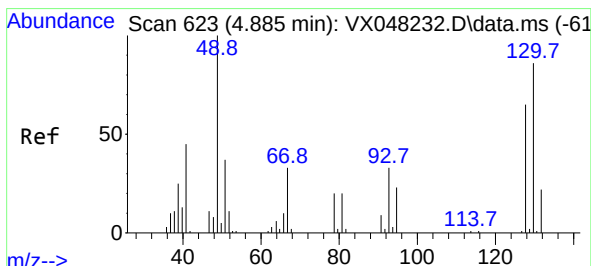
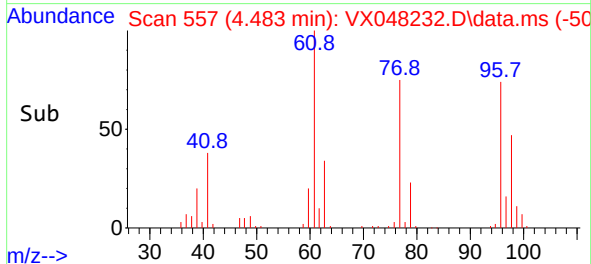
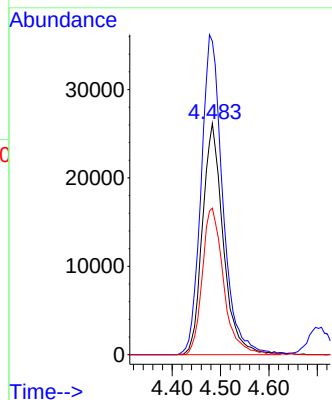
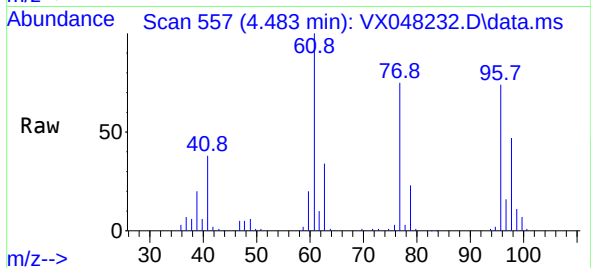


#27
 cis-1,2-Dichloroethene
 Concen: 46.500 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. 0.000 min
 Lab File: VX048232.D
 Acq: 20 Oct 2025 12:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 96 Resp: 77911

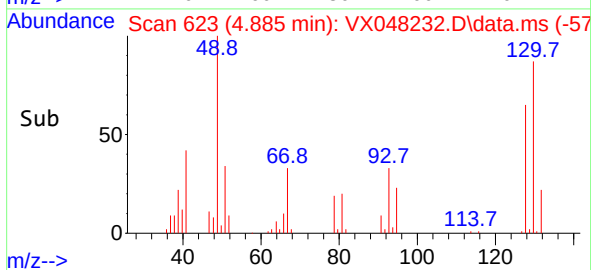
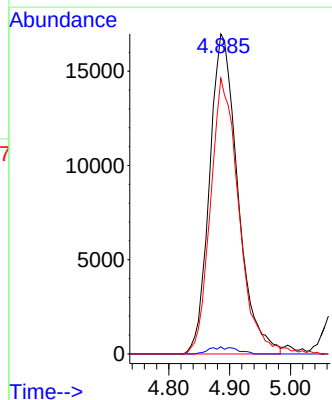
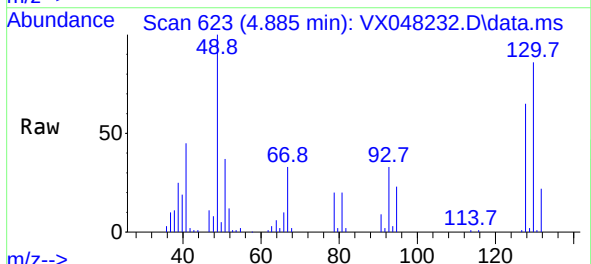
Ion	Ratio	Lower	Upper
96	100		
61	144.4	0.0	294.2
98	64.9	0.0	128.4

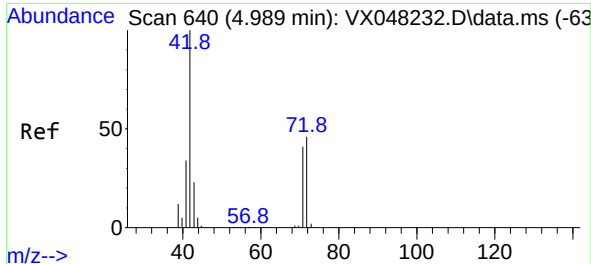


#28
 Bromochloromethane
 Concen: 50.611 ug/l
 RT: 4.885 min Scan# 623
 Delta R.T. 0.000 min
 Lab File: VX048232.D
 Acq: 20 Oct 2025 12:01

Tgt Ion: 49 Resp: 54919

Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	4.4
130	86.9	59.3	88.9





#29

Tetrahydrofuran

Concen: 234.362 ug/l

RT: 4.989 min Scan# 640

Delta R.T. 0.000 min

Lab File: VX048232.D

Acq: 20 Oct 2025 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

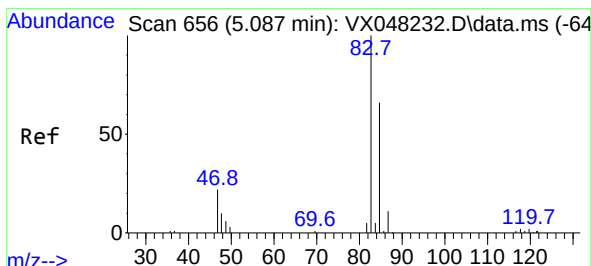
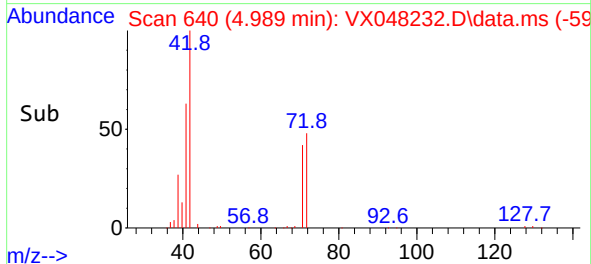
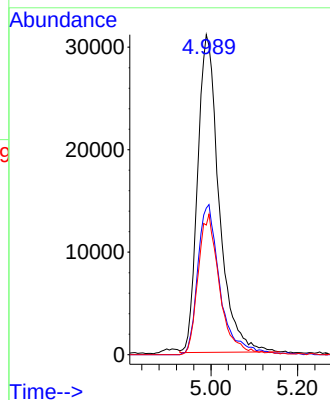
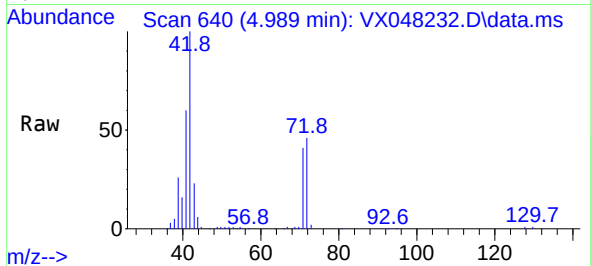
Tgt Ion: 42 Resp: 106381

Ion Ratio Lower Upper

42 100

72 49.2 35.3 52.9

71 44.3 32.2 48.4



#30

Chloroform

Concen: 46.594 ug/l

RT: 5.087 min Scan# 656

Delta R.T. 0.006 min

Lab File: VX048232.D

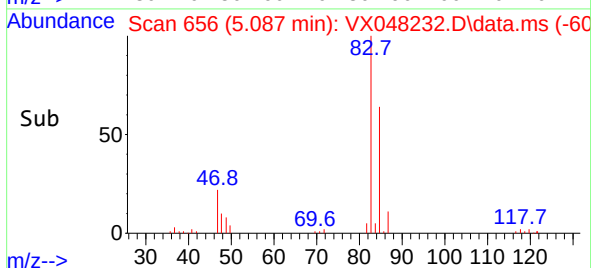
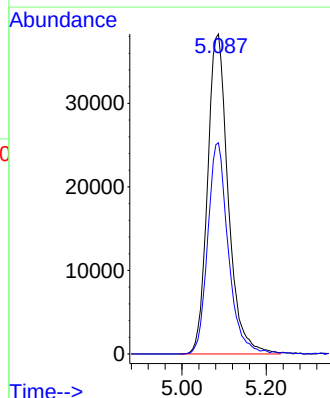
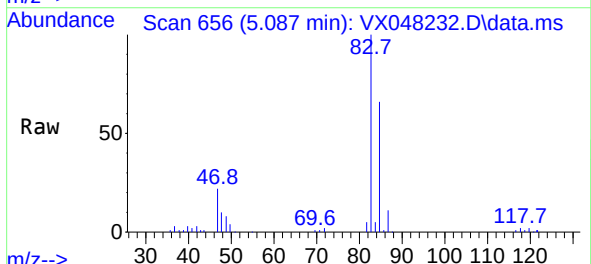
Acq: 20 Oct 2025 12:01

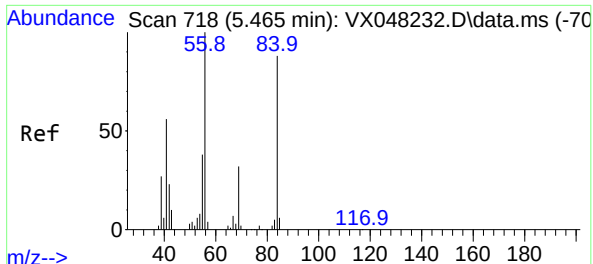
Tgt Ion: 83 Resp: 130274

Ion Ratio Lower Upper

83 100

85 66.0 50.1 75.1

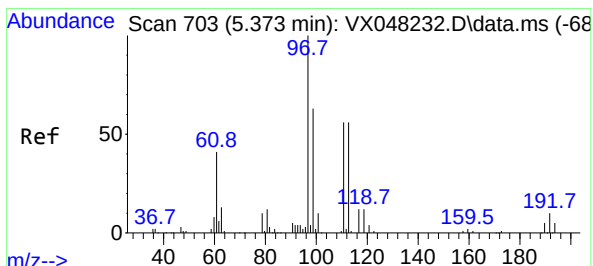
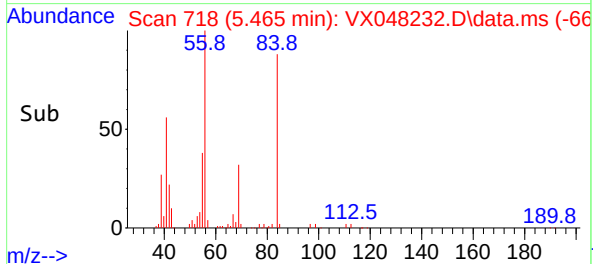
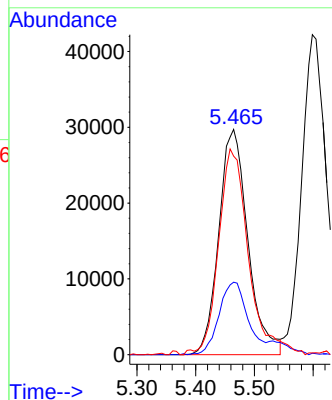
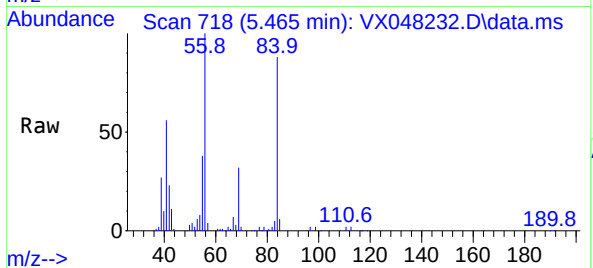




#31
Cyclohexane
Concen: 47.194 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

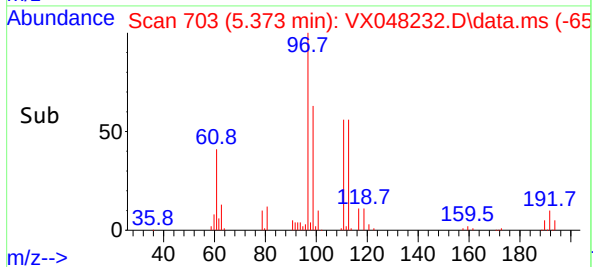
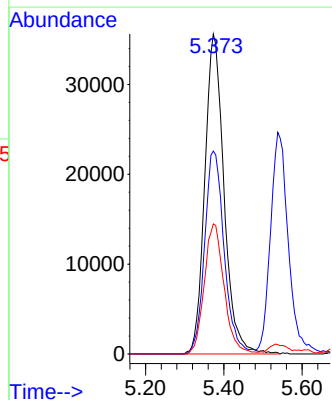
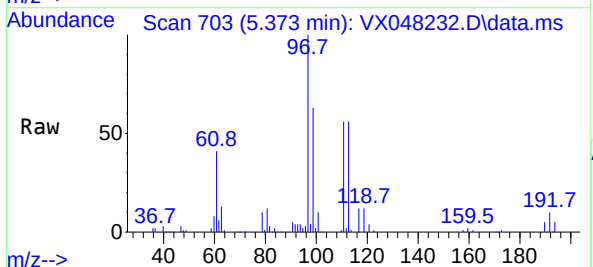
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

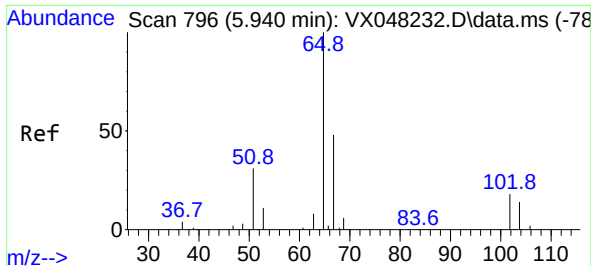
Tgt Ion: 56 Resp: 102251
Ion Ratio Lower Upper
56 100
69 32.2 23.0 34.6
84 87.9 64.6 97.0



#32
1,1,1-Trichloroethane
Concen: 46.992 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 97 Resp: 121090
Ion Ratio Lower Upper
97 100
99 64.5 51.7 77.5
61 41.8 34.8 52.2





#33

1,2-Dichloroethane-d4

Concen: 48.670 ug/l

RT: 5.940 min Scan# 796

Delta R.T. 0.000 min

Lab File: VX048232.D

Acq: 20 Oct 2025 12:01

Instrument :

MSVOA_X

ClientSampleId :

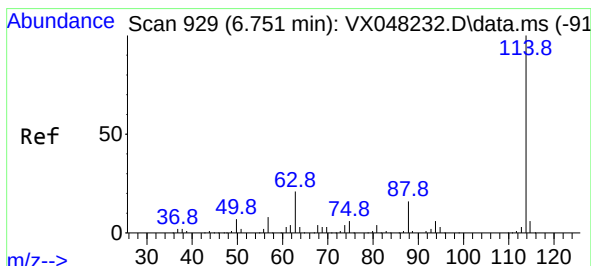
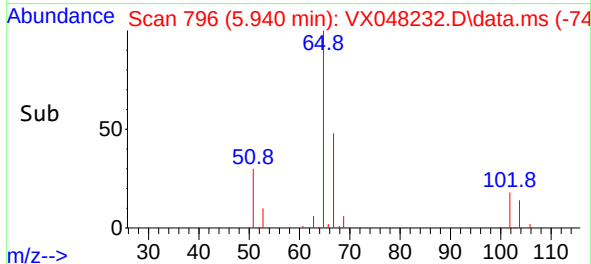
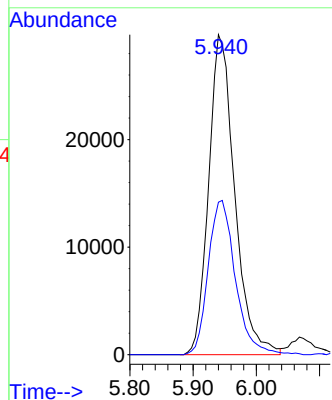
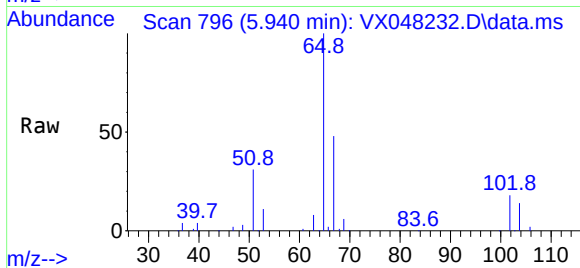
VSTDICCC050

Tgt Ion: 65 Resp: 84951

Ion Ratio Lower Upper

65 100

67 50.4 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX048232.D

Acq: 20 Oct 2025 12:01

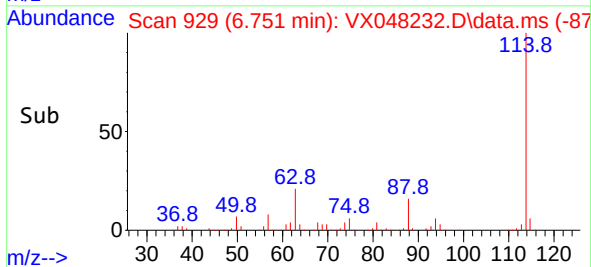
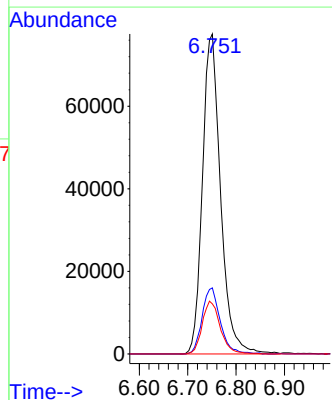
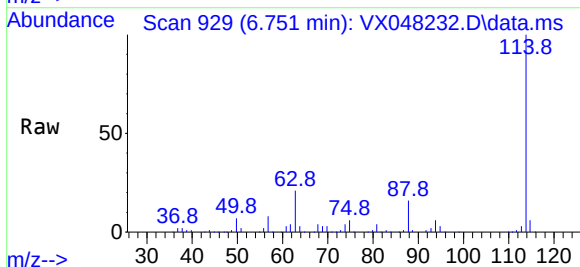
Tgt Ion: 114 Resp: 201906

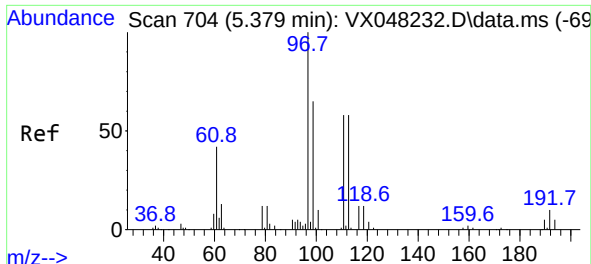
Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.2

88 15.7 0.0 33.6

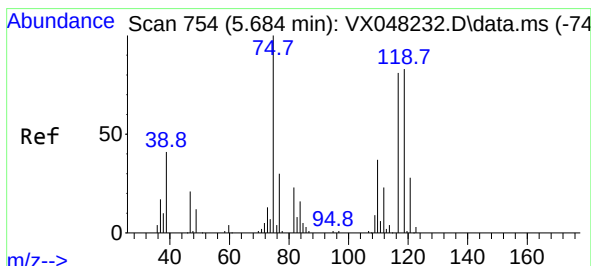
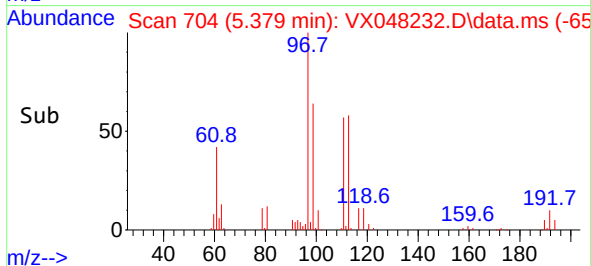
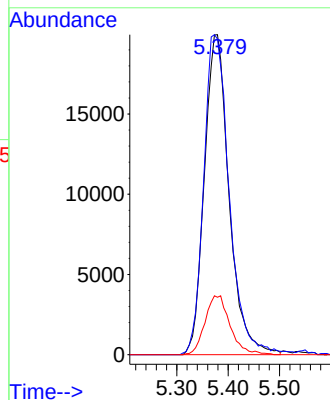
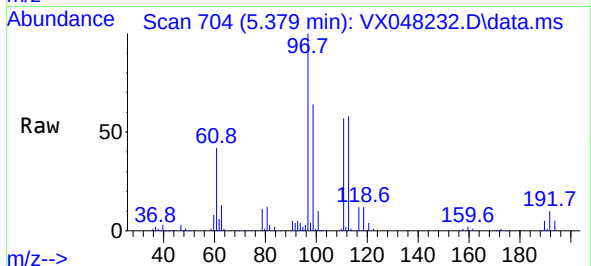




#35
Dibromofluoromethane
Concen: 48.312 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

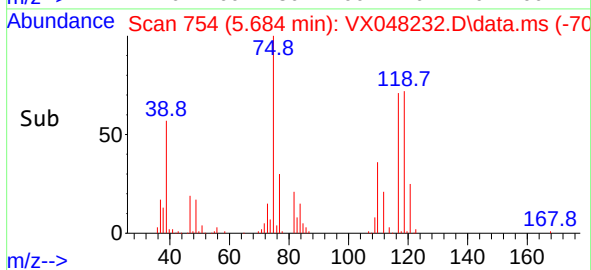
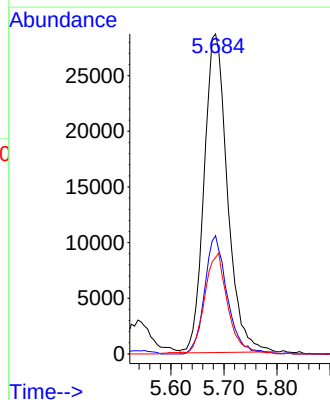
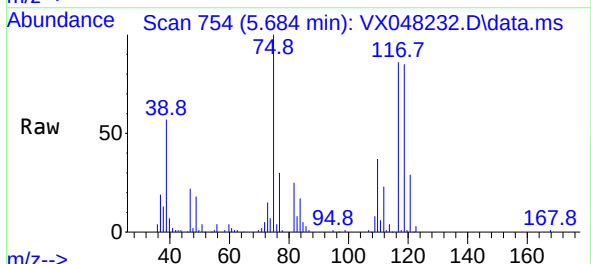
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

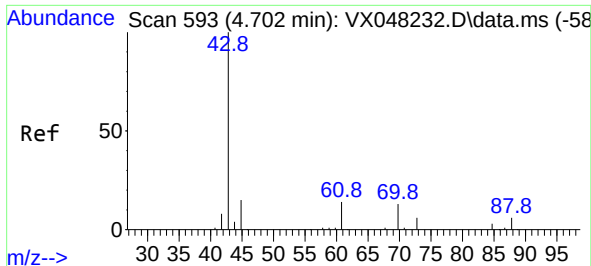
Tgt Ion:113 Resp: 66593
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.4
192 18.7 15.1 22.7



#36
1,1-Dichloropropene
Concen: 44.659 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 75 Resp: 87493
Ion Ratio Lower Upper
75 100
110 35.9 17.7 53.1
77 31.7 24.3 36.5



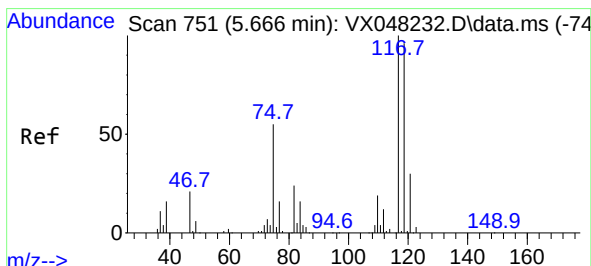
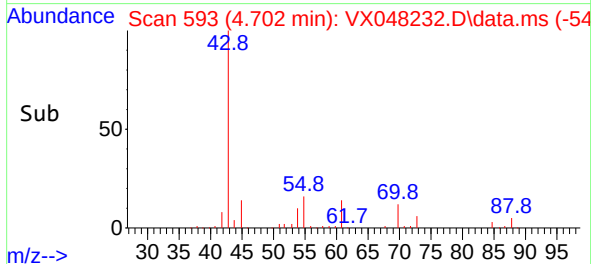
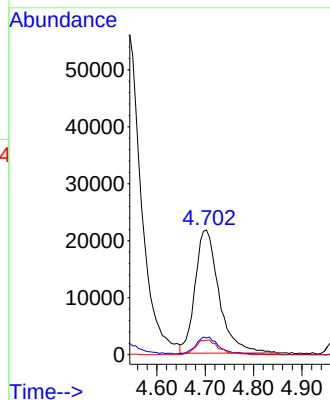
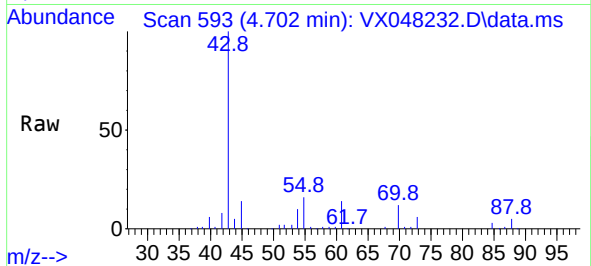


#37
Ethyl Acetate
Concen: 45.730 ug/l
RT: 4.702 min Scan# 593
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 74261

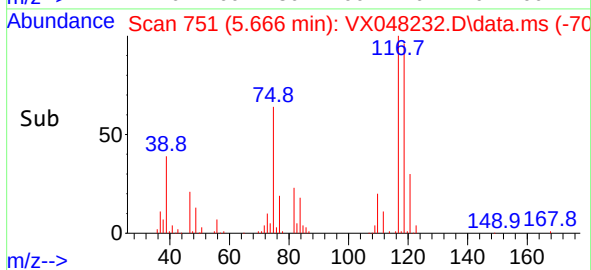
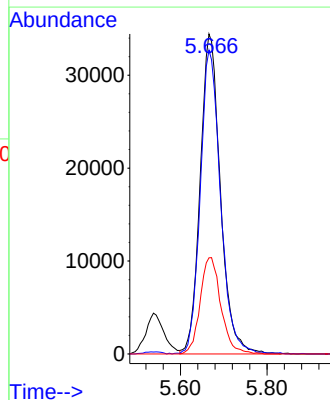
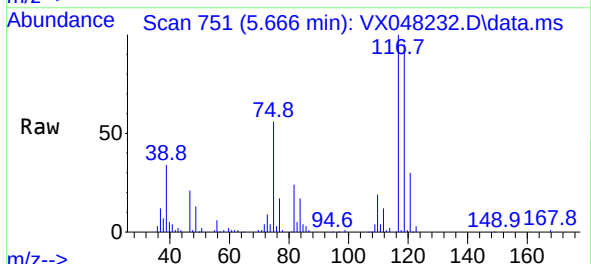
Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.6	15.8
70	11.6	7.8	11.6

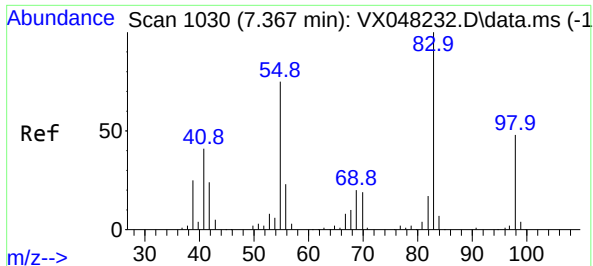


#38
Carbon Tetrachloride
Concen: 46.216 ug/l
RT: 5.666 min Scan# 751
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 117 Resp: 111708

Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.2	115.8
121	30.1	24.8	37.2





#39

Methylcyclohexane

Concen: 47.143 ug/l

RT: 7.367 min Scan# 10

Delta R.T. 0.000 min

Lab File: VX048232.D

Acq: 20 Oct 2025 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

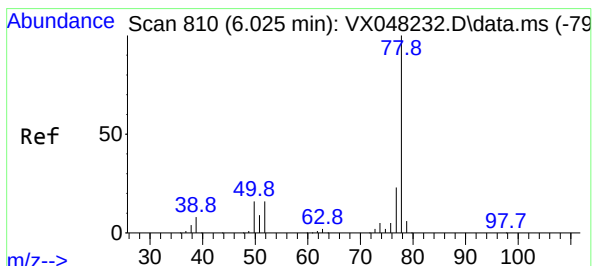
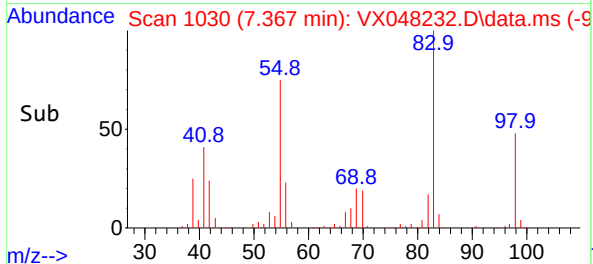
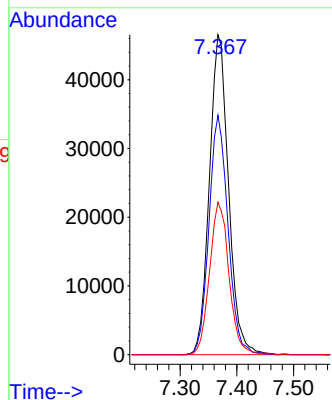
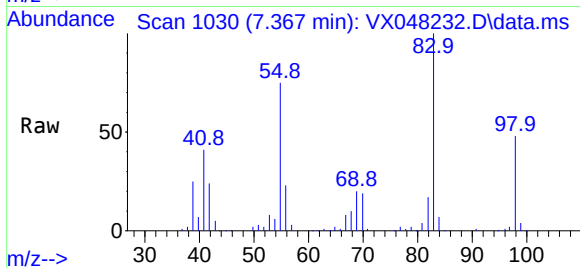
Tgt Ion: 83 Resp: 109077

Ion Ratio Lower Upper

83 100

55 74.8 66.2 99.2

98 47.6 38.9 58.3



#40

Benzene

Concen: 46.192 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX048232.D

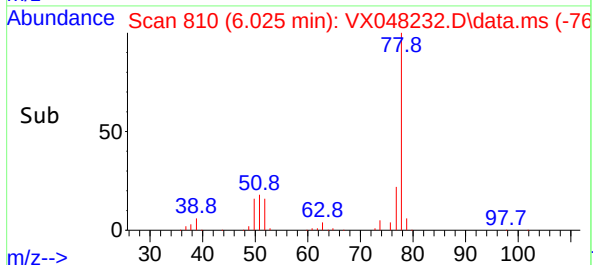
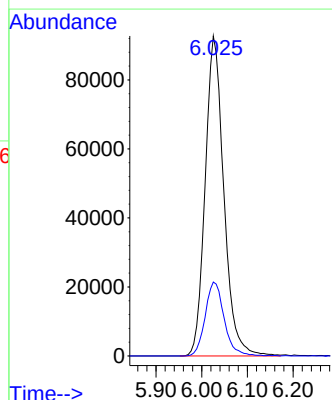
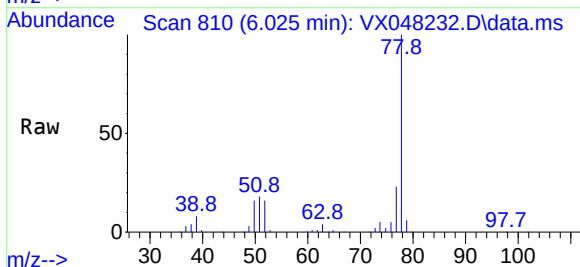
Acq: 20 Oct 2025 12:01

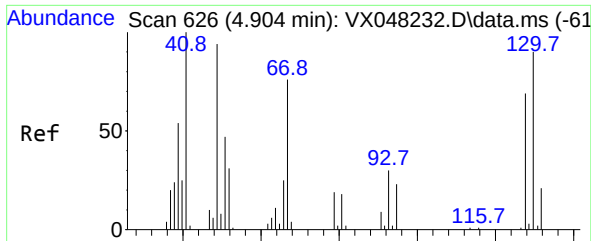
Tgt Ion: 78 Resp: 262745

Ion Ratio Lower Upper

78 100

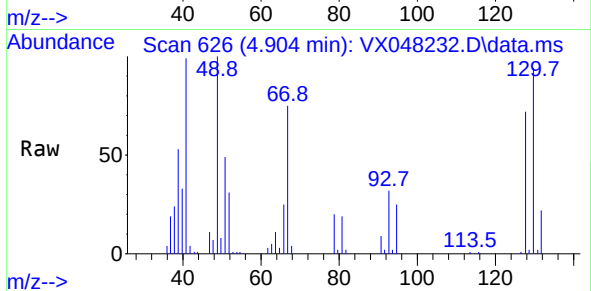
77 23.1 19.3 28.9





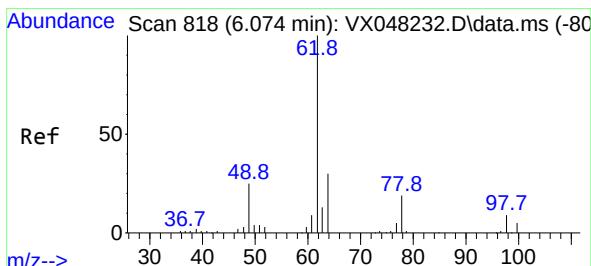
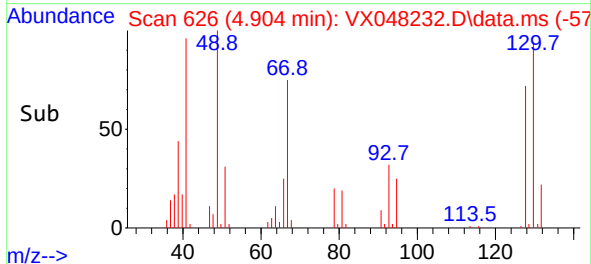
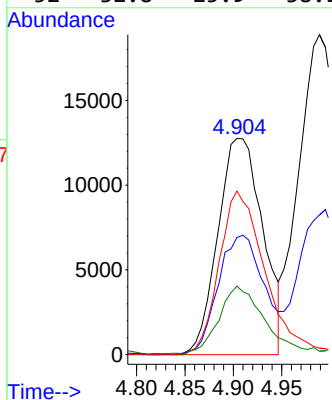
#41
Methacrylonitrile
Concen: 48.421 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 41293

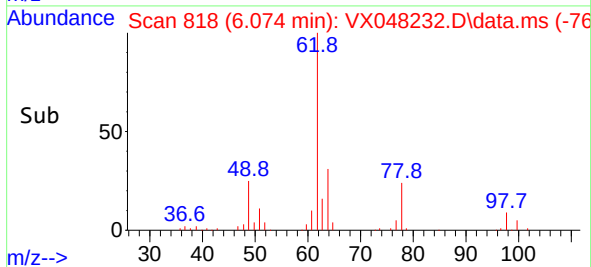
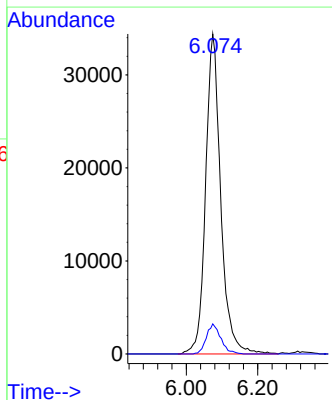
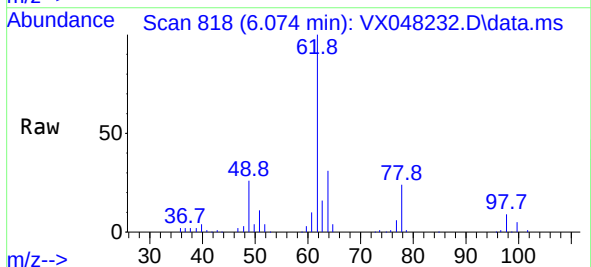
Ion	Ratio	Lower	Upper
41	100		
39	56.1	44.0	66.0
67	78.6	58.7	88.1
52	32.8	25.9	38.9

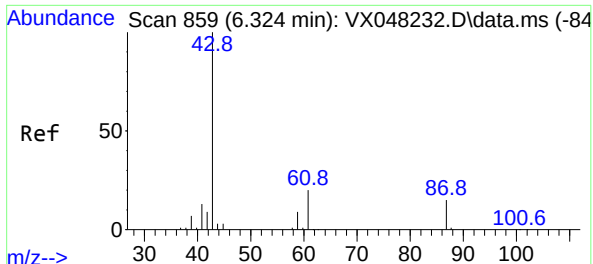


#42
1,2-Dichloroethane
Concen: 48.090 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 62 Resp: 100937

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.2

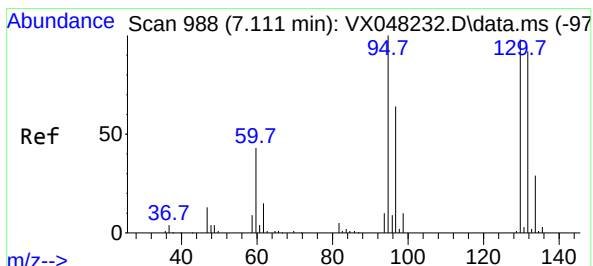
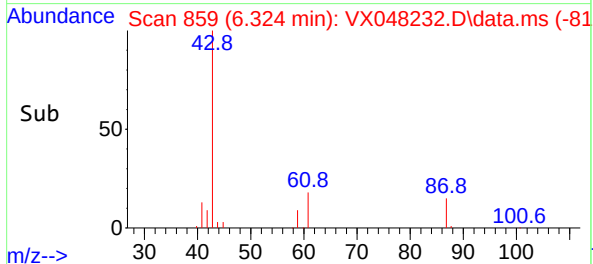
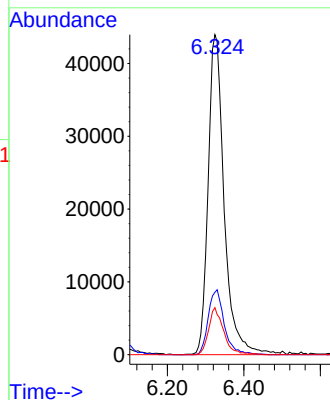
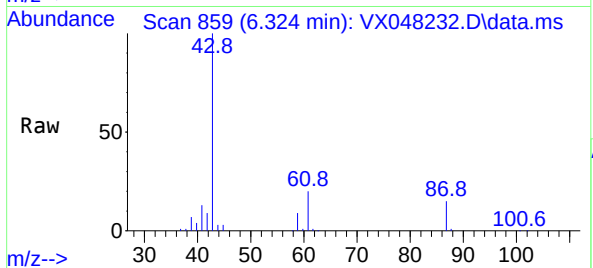




#43
Isopropyl Acetate
Concen: 48.095 ug/l
RT: 6.324 min Scan# 859
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

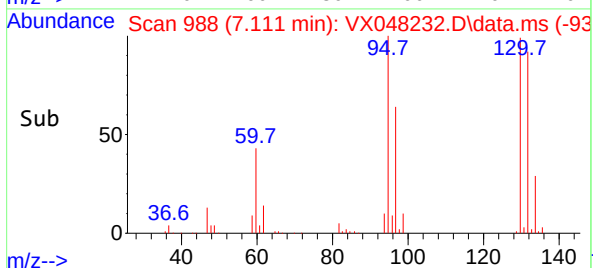
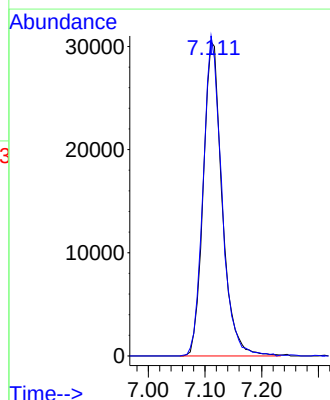
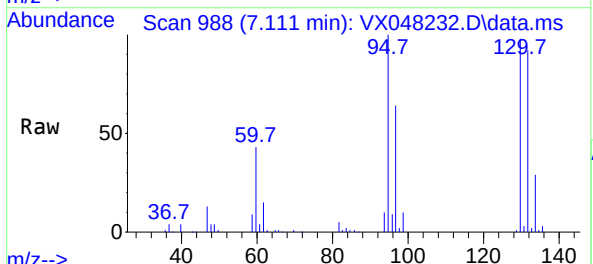
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

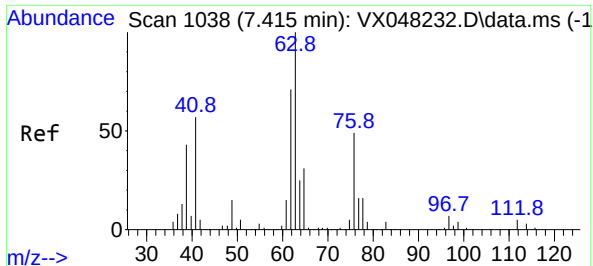
Tgt Ion: 43 Resp: 128290
Ion Ratio Lower Upper
43 100
61 20.3 14.9 22.3
87 13.7 9.4 14.2



#44
Trichloroethene
Concen: 46.815 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:130 Resp: 70313
Ion Ratio Lower Upper
130 100
95 101.9 0.0 200.6





#45

1,2-Dichloropropane

Concen: 47.986 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VX048232.D

Acq: 20 Oct 2025 12:01

Instrument :

MSVOA_X

ClientSampleId :

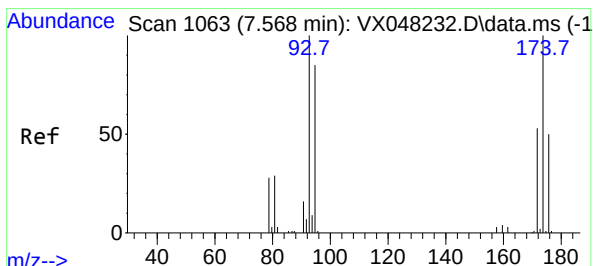
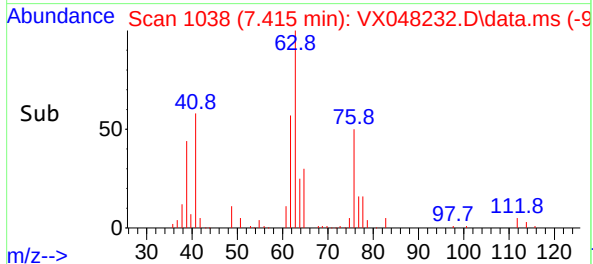
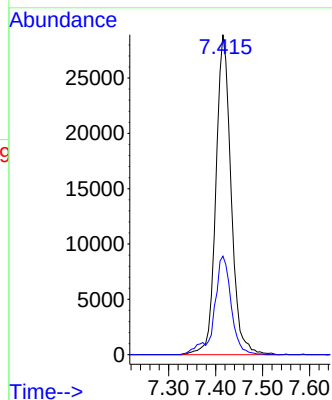
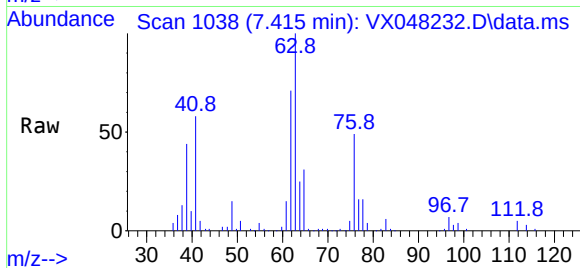
VSTDICCC050

Tgt Ion: 63 Resp: 64895

Ion Ratio Lower Upper

63 100

65 30.8 24.1 36.1



#46

Dibromomethane

Concen: 47.337 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. 0.000 min

Lab File: VX048232.D

Acq: 20 Oct 2025 12:01

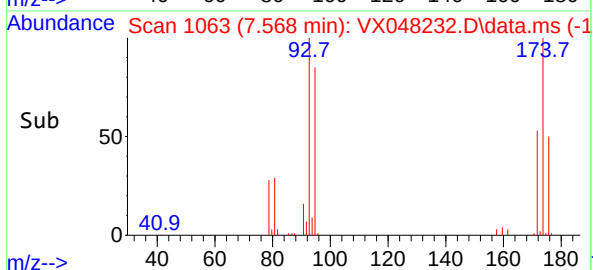
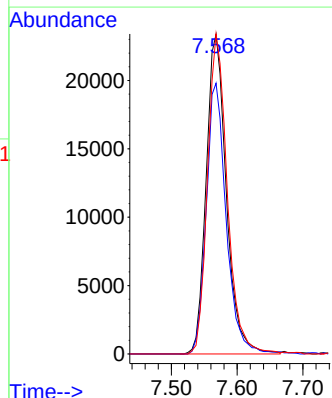
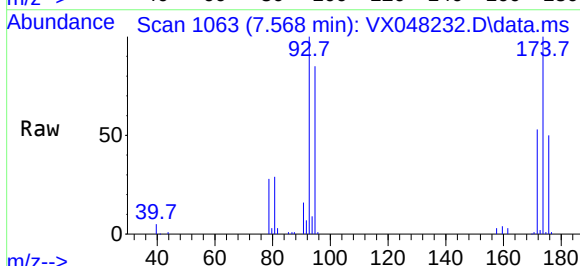
Tgt Ion: 93 Resp: 49874

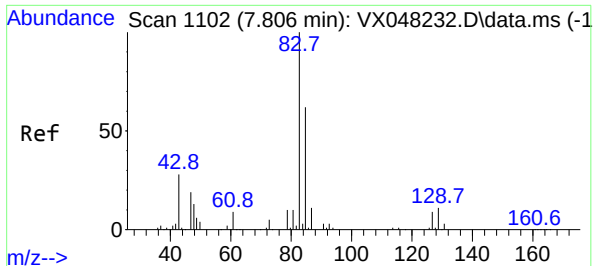
Ion Ratio Lower Upper

93 100

95 84.1 65.9 98.9

174 98.7 71.7 107.5

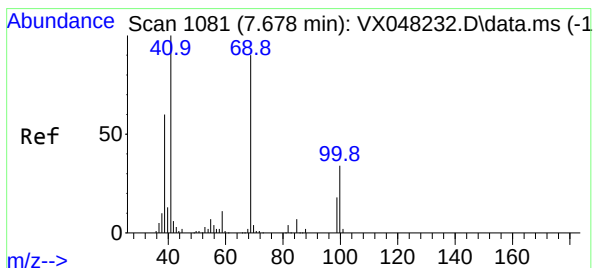
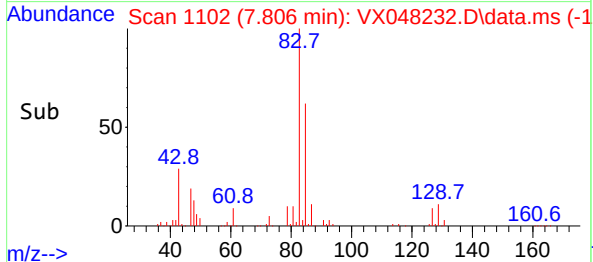
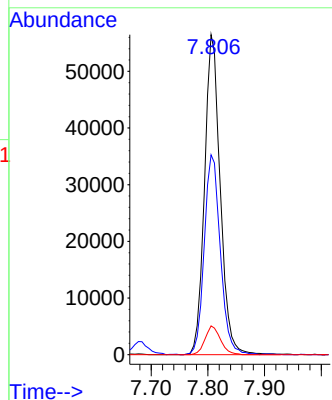
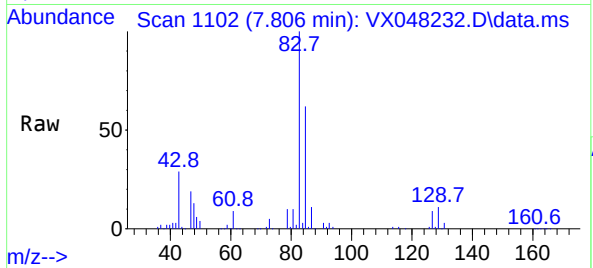




#47
Bromodichloromethane
Concen: 47.770 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

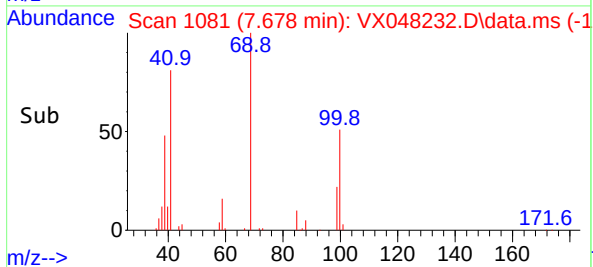
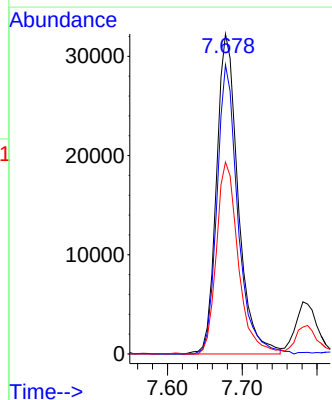
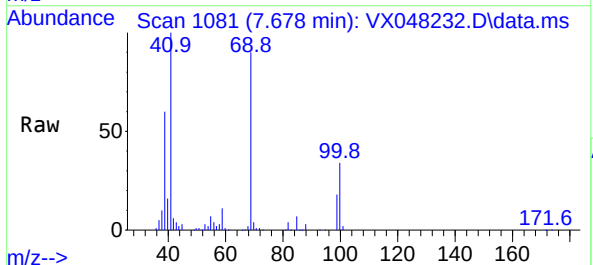
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

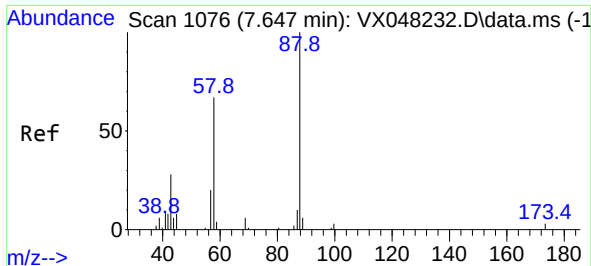
Tgt Ion: 83 Resp: 108671
Ion Ratio Lower Upper
83 100
85 62.4 52.2 78.4
127 9.0 7.3 10.9



#48
Methyl methacrylate
Concen: 48.334 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 41 Resp: 65057
Ion Ratio Lower Upper
41 100
69 86.8 63.4 95.0
39 60.5 47.1 70.7

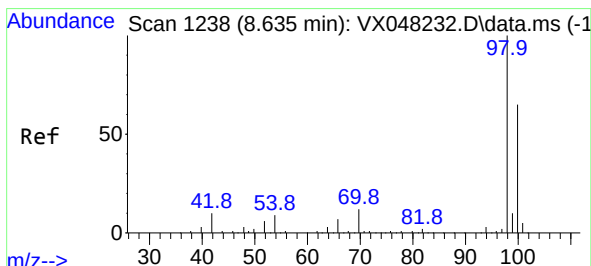
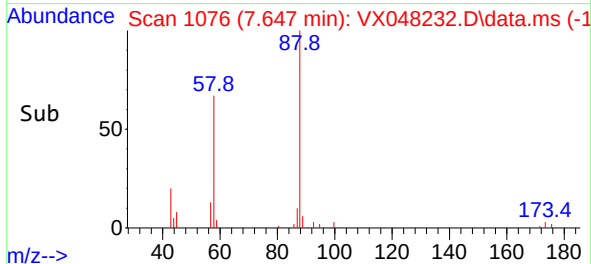
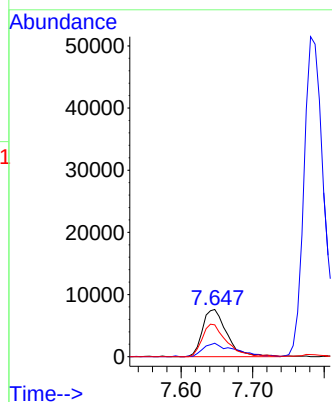
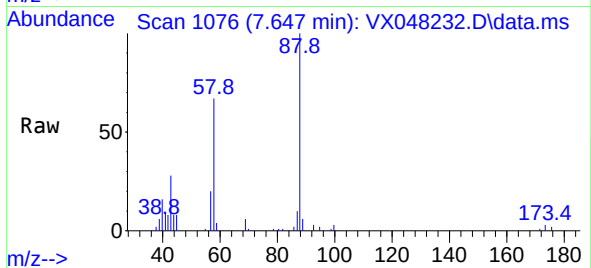




#49
1,4-Dioxane
Concen: 1006.888 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

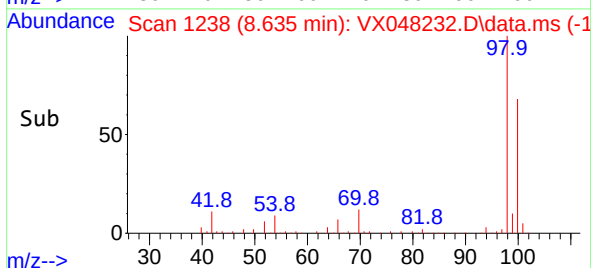
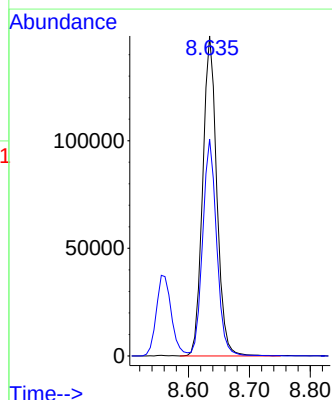
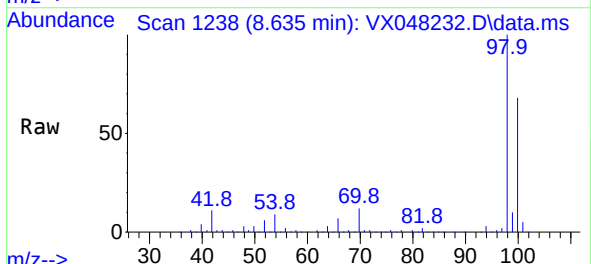
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

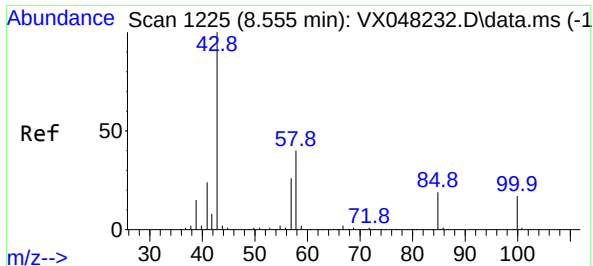
Tgt Ion: 88 Resp: 17905
Ion Ratio Lower Upper
88 100
43 37.1 35.0 52.4
58 69.5 61.9 92.9



#50
Toluene-d8
Concen: 49.529 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 98 Resp: 239295
Ion Ratio Lower Upper
98 100
100 67.2 53.0 79.4

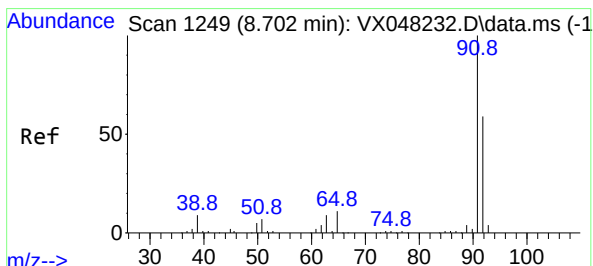
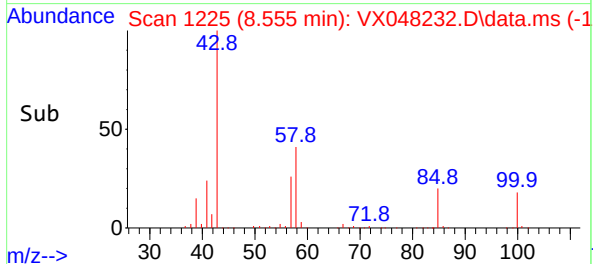
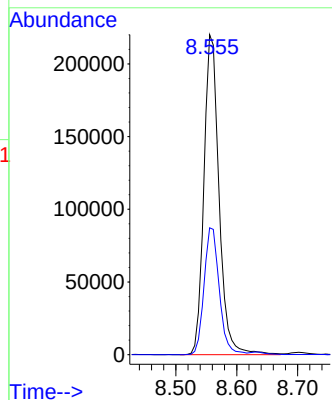
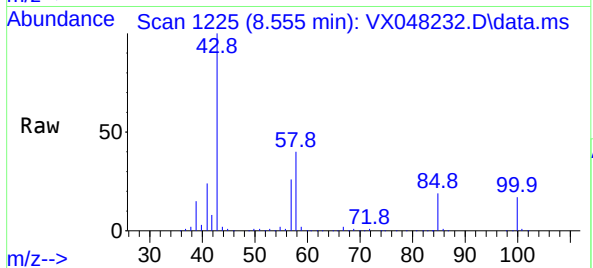




#51
4-Methyl-2-Pentanone
Concen: 247.515 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

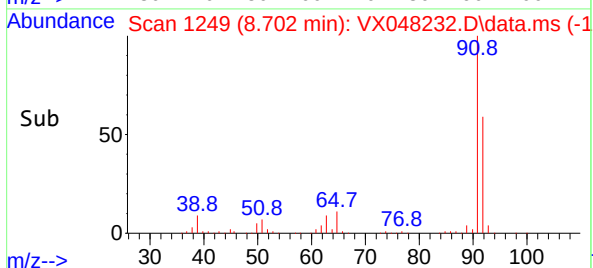
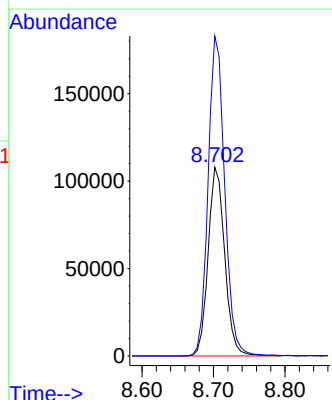
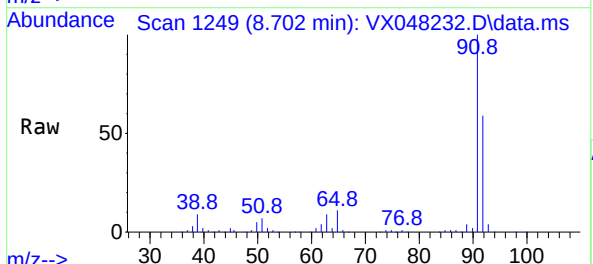
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

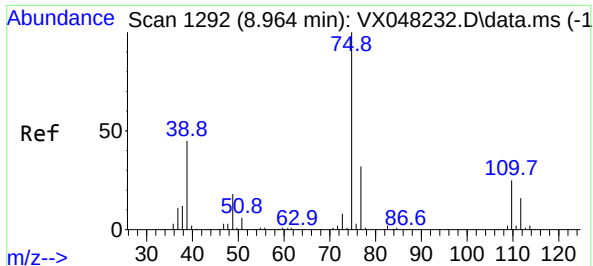
Tgt Ion: 43 Resp: 380665
Ion Ratio Lower Upper
43 100
58 39.8 29.5 44.3



#52
Toluene
Concen: 48.136 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 92 Resp: 173942
Ion Ratio Lower Upper
92 100
91 169.6 136.1 204.1

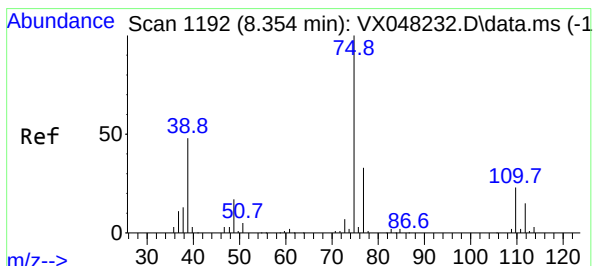
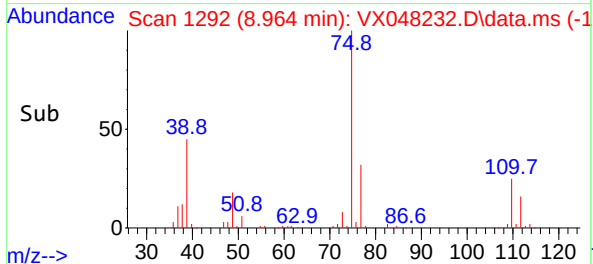
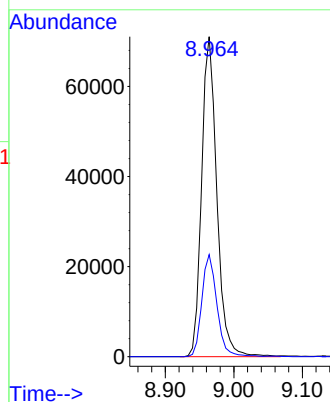
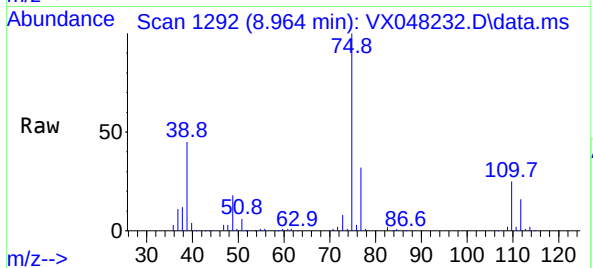




#53
t-1,3-Dichloropropene
Concen: 50.159 ug/l
RT: 8.964 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

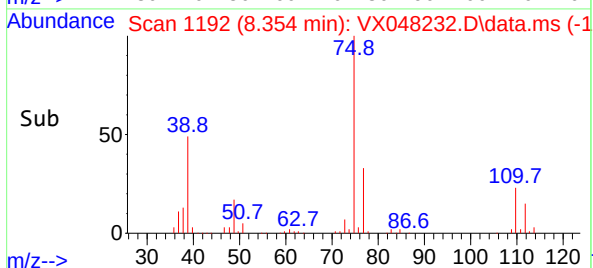
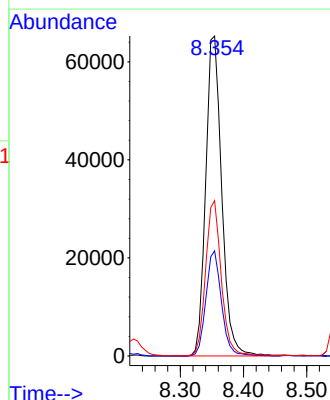
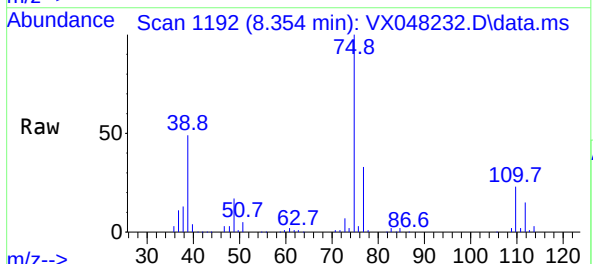
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

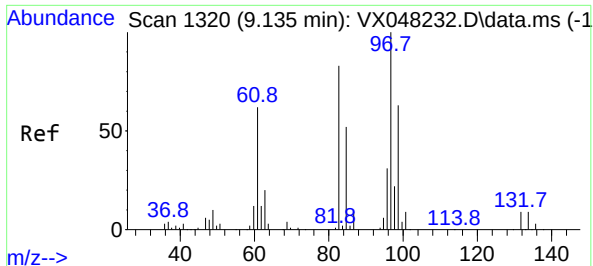
Tgt Ion: 75 Resp: 109960
Ion Ratio Lower Upper
75 100
77 31.9 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 48.847 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 75 Resp: 115534
Ion Ratio Lower Upper
75 100
77 32.8 24.9 37.3
39 46.7 42.6 64.0



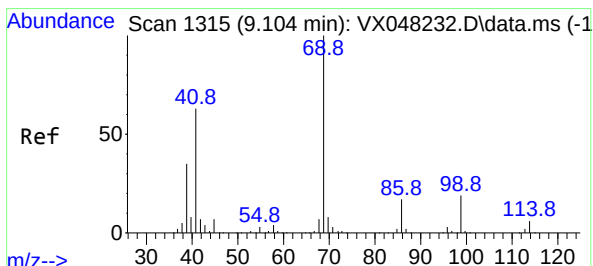
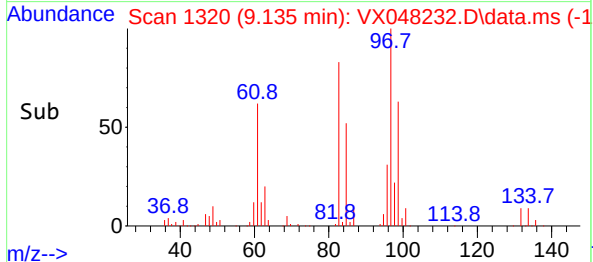
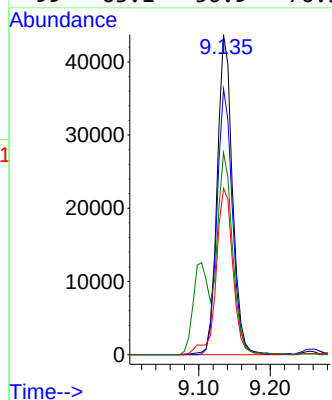
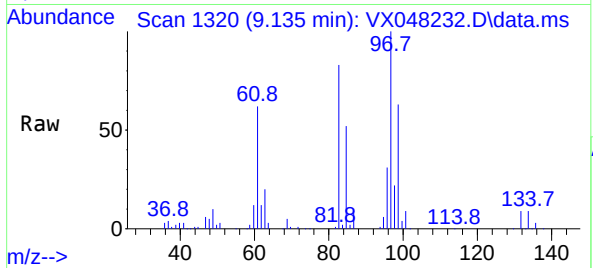


#55
1,1,2-Trichloroethane
Concen: 48.174 ug/l
RT: 9.135 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 97 Resp: 64737

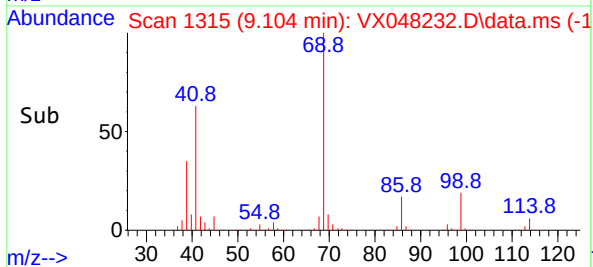
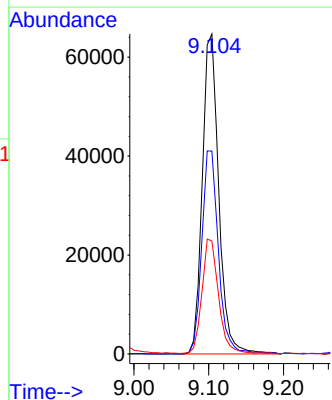
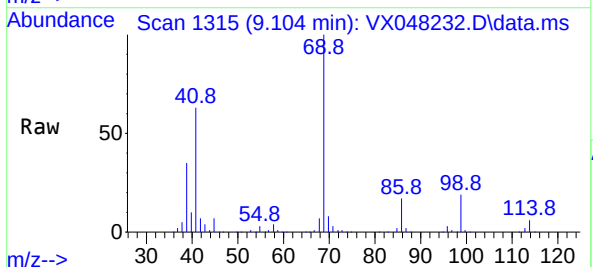
Ion	Ratio	Lower	Upper
97	100		
83	83.0	70.6	105.8
85	52.0	45.0	67.6
99	63.1	50.9	76.3

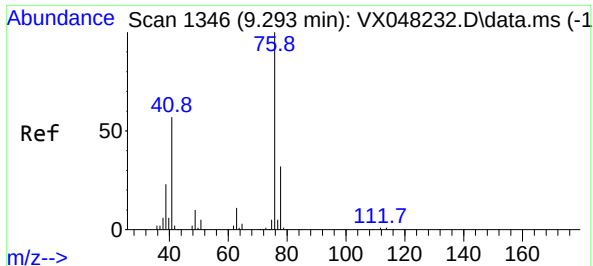


#56
Ethyl methacrylate
Concen: 50.292 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 69 Resp: 98851

Ion	Ratio	Lower	Upper
69	100		
41	64.4	56.0	84.0
39	35.9	31.6	47.4

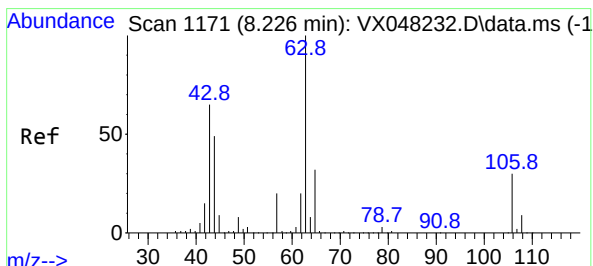
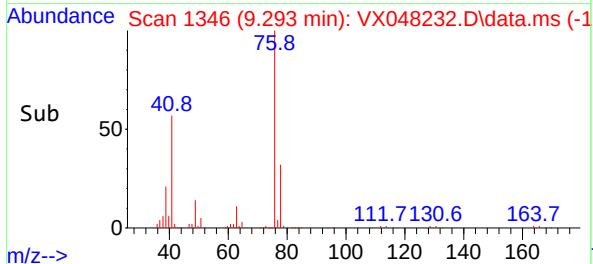
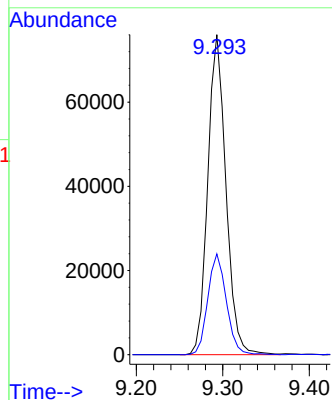
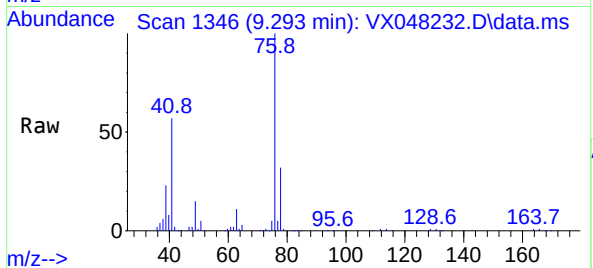




#57
1,3-Dichloropropane
Concen: 48.231 ug/l
RT: 9.293 min Scan# 110709
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

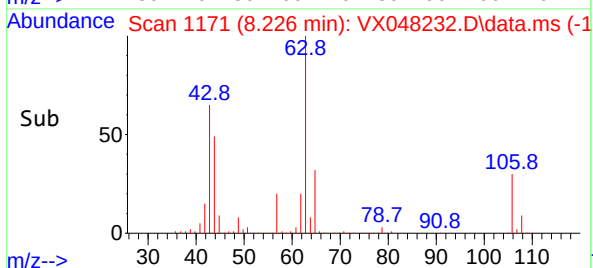
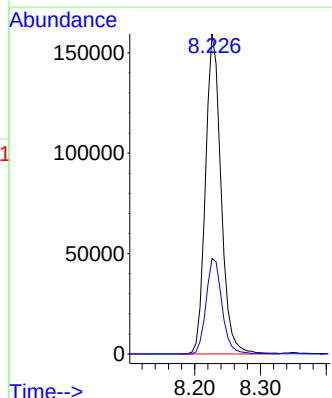
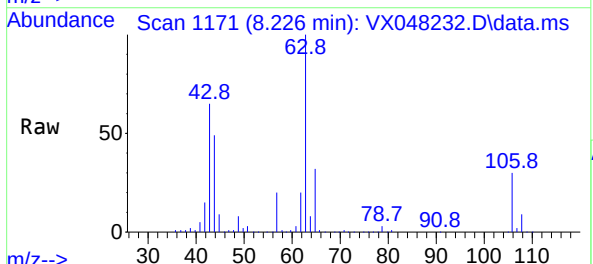
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

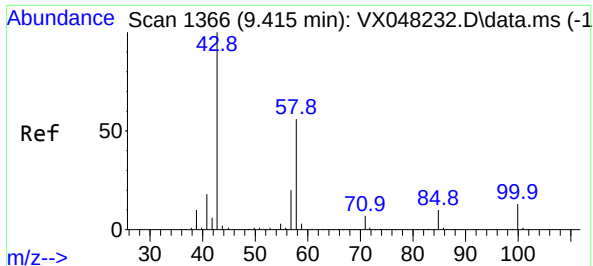
Tgt Ion: 76 Resp: 110709
Ion Ratio Lower Upper
76 100
78 32.2 25.4 38.0



#58
2-Chloroethyl Vinyl ether
Concen: 248.279 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 63 Resp: 262387
Ion Ratio Lower Upper
63 100
106 30.6 22.2 33.2

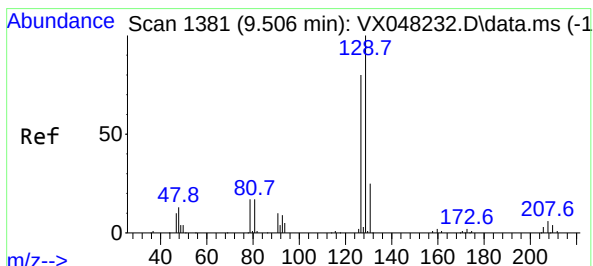
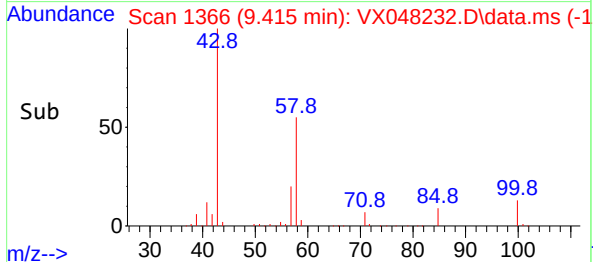
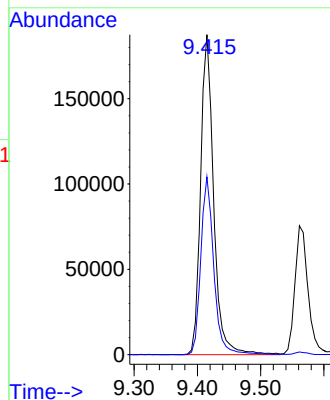
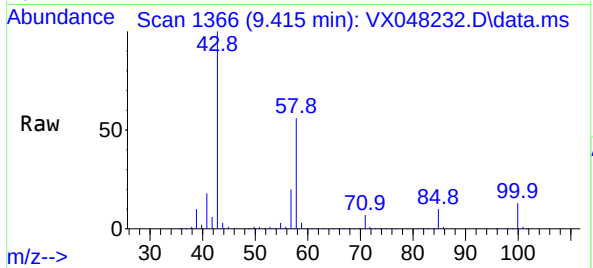




#59
2-Hexanone
Concen: 250.974 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

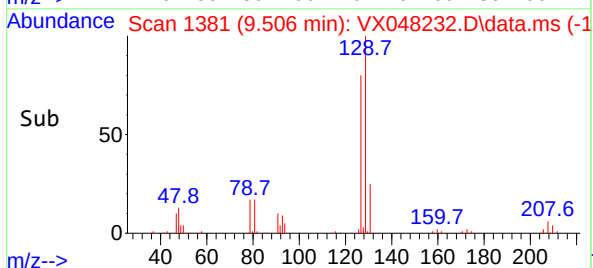
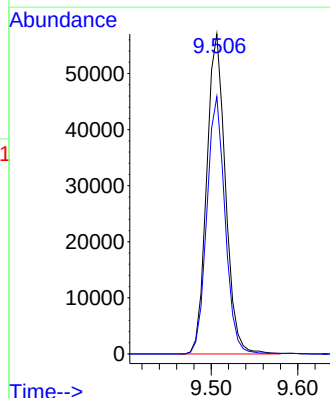
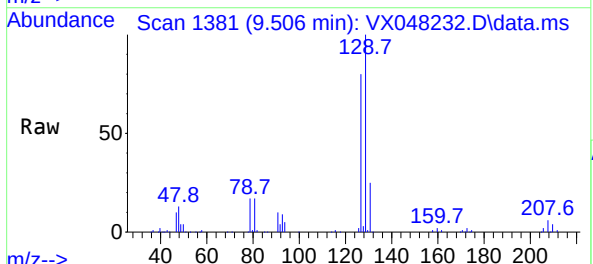
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

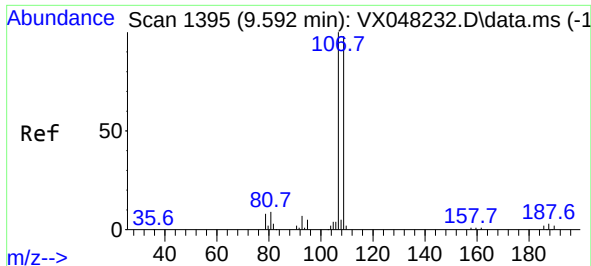
Tgt Ion: 43 Resp: 269143
Ion Ratio Lower Upper
43 100
58 55.6 26.3 78.8



#60
Dibromochloromethane
Concen: 47.482 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 129 Resp: 85760
Ion Ratio Lower Upper
129 100
127 78.4 38.6 115.7

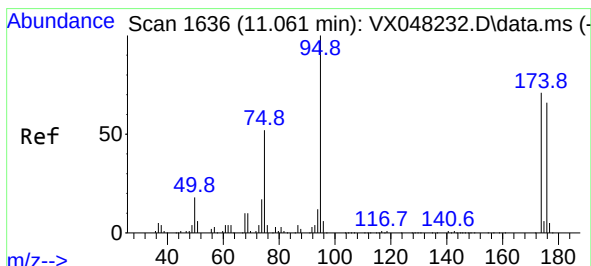
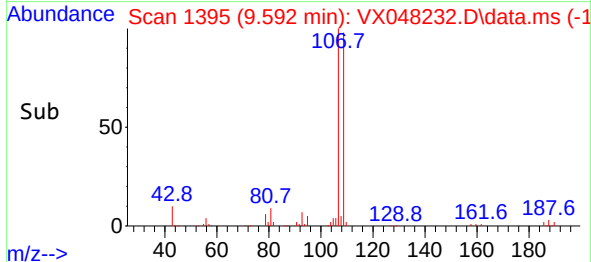
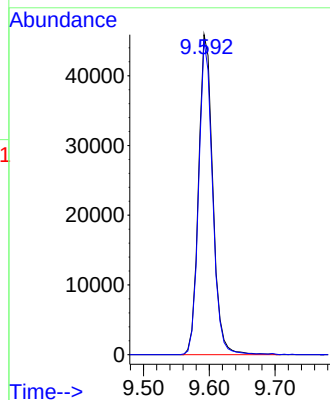
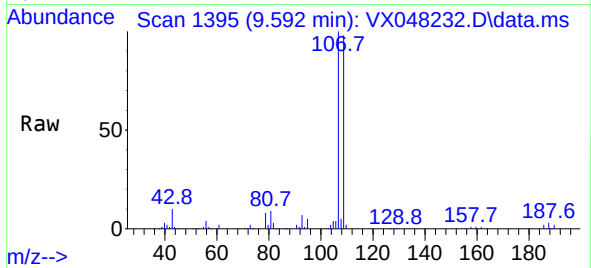




#61
1,2-Dibromoethane
Concen: 48.180 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

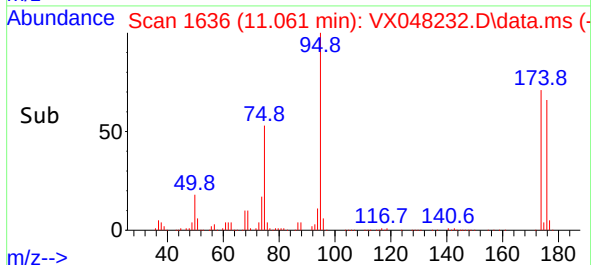
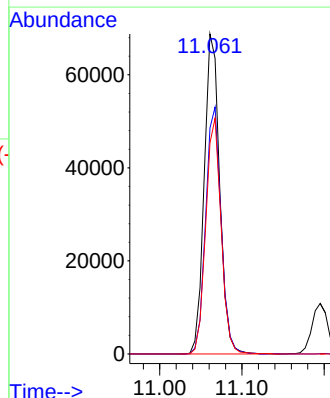
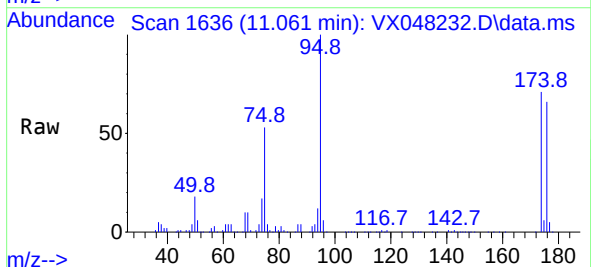
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

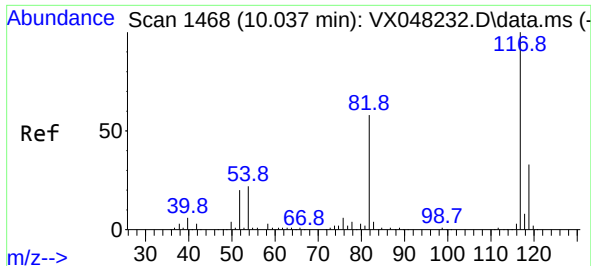
Tgt Ion:107 Resp: 69022
Ion Ratio Lower Upper
107 100
109 95.5 77.0 115.4



#62
4-Bromofluorobenzene
Concen: 48.737 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 95 Resp: 89579
Ion Ratio Lower Upper
95 100
174 77.3 0.0 147.8
176 73.3 0.0 142.8

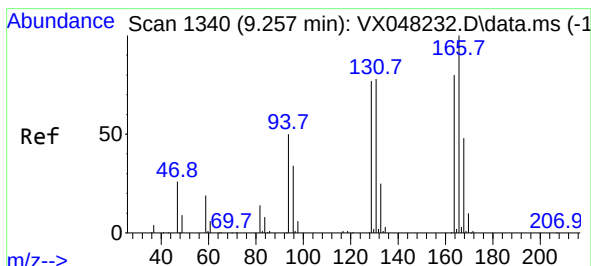
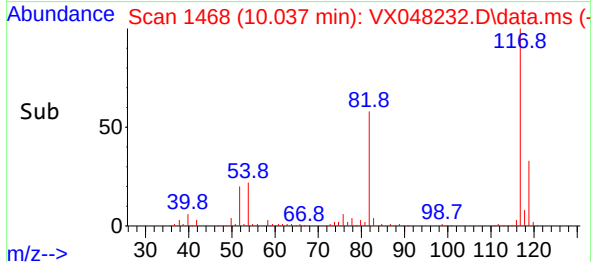
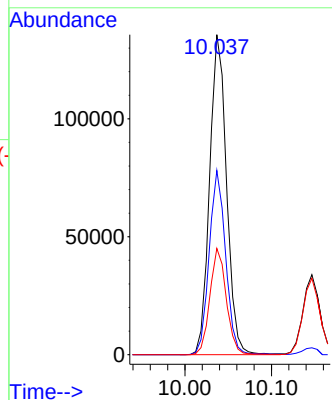
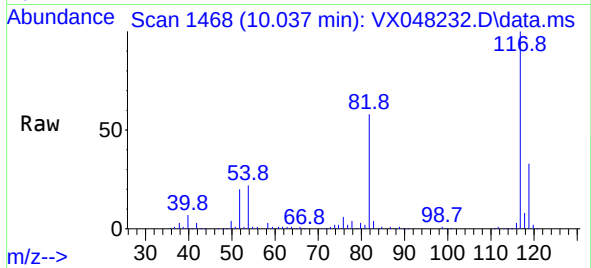




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

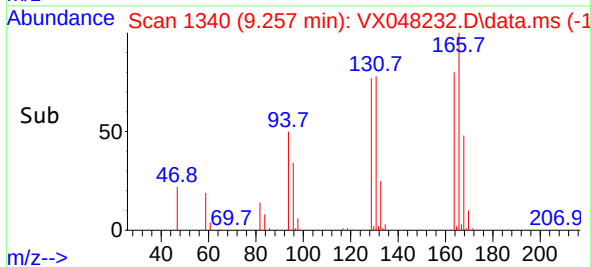
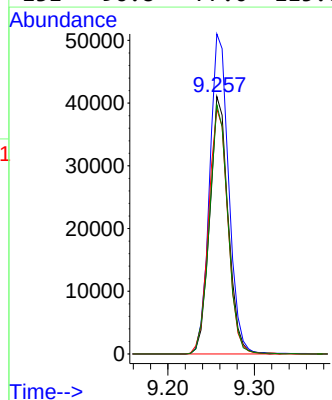
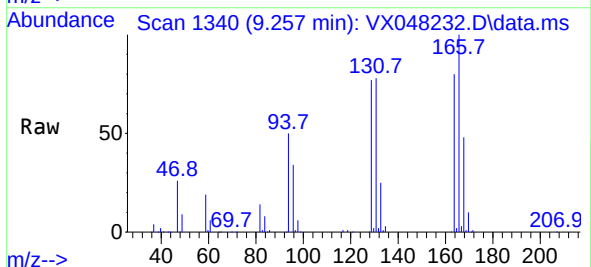
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

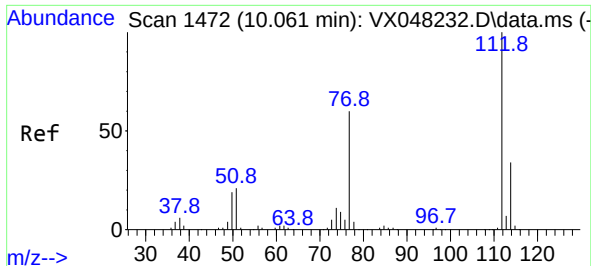
Tgt Ion:117 Resp: 184494
Ion Ratio Lower Upper
117 100
82 57.6 46.5 69.7
119 33.2 25.9 38.9



#64
Tetrachloroethene
Concen: 43.934 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:164 Resp: 60510
Ion Ratio Lower Upper
164 100
166 124.3 104.5 156.7
129 95.1 81.8 122.6
131 96.8 77.0 115.6

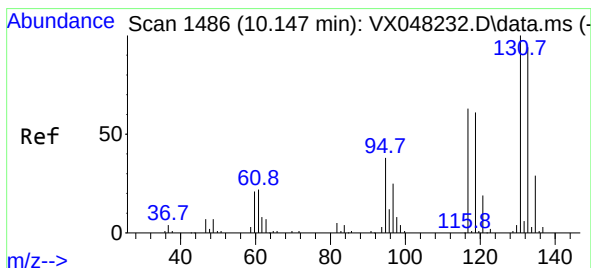
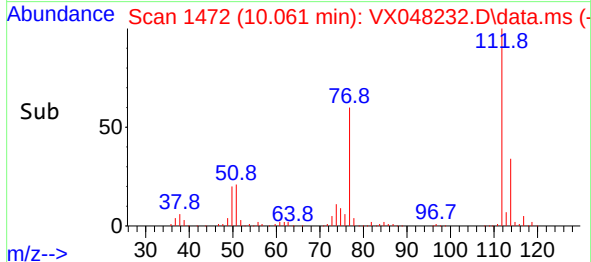
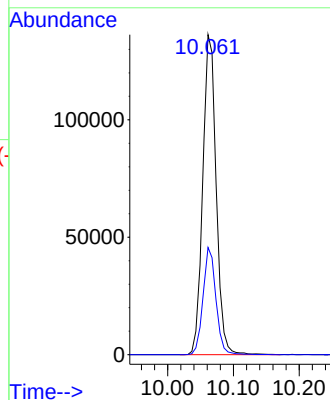
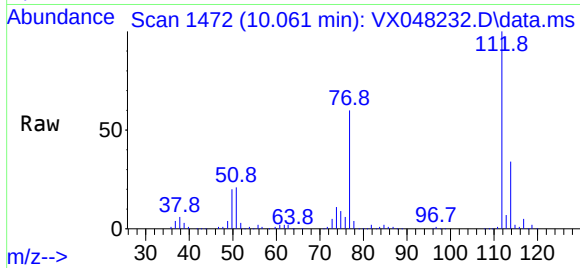




#65
Chlorobenzene
Concen: 46.465 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

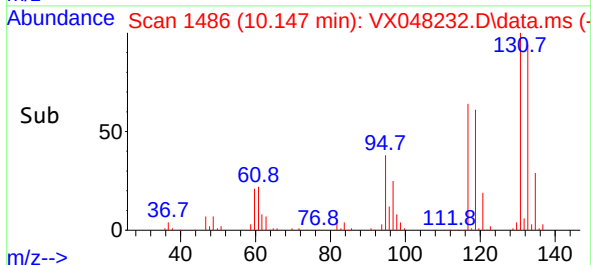
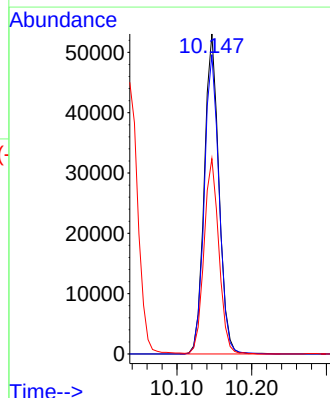
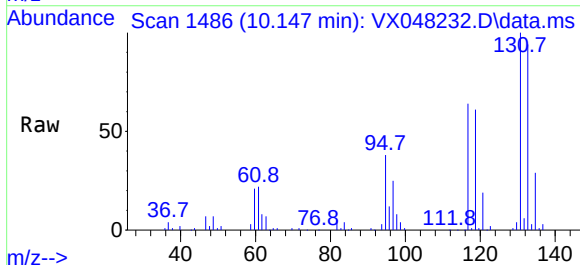
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

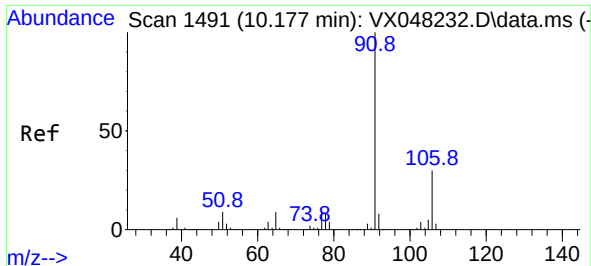
Tgt Ion:112 Resp: 192841
Ion Ratio Lower Upper
112 100
114 33.5 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 47.187 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:131 Resp: 71930
Ion Ratio Lower Upper
131 100
133 94.7 47.6 142.8
119 62.0 32.5 97.5

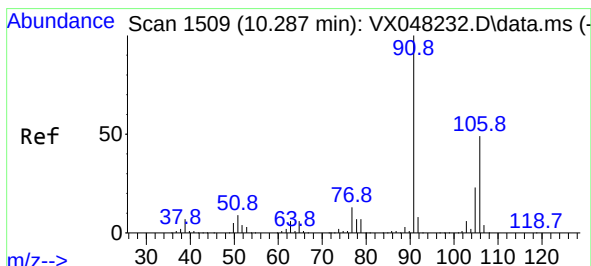
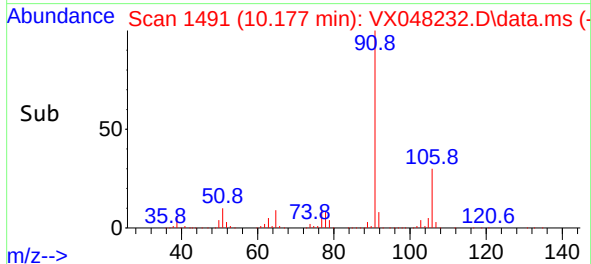
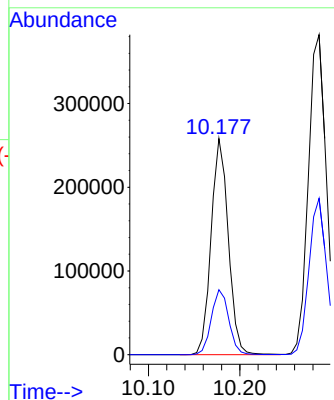
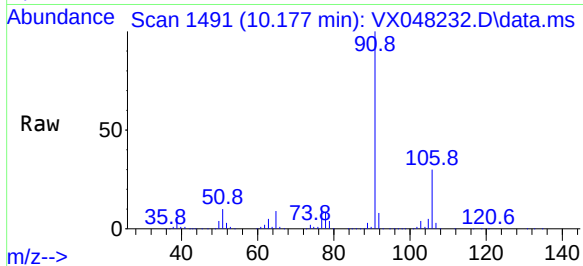




#67
Ethyl Benzene
Concen: 47.645 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

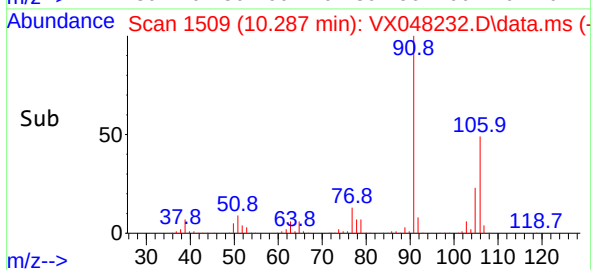
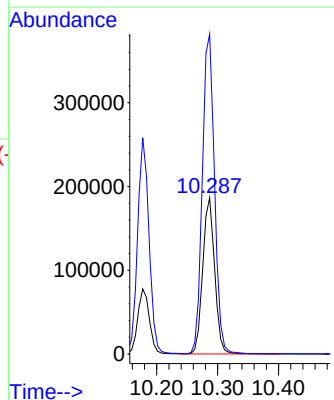
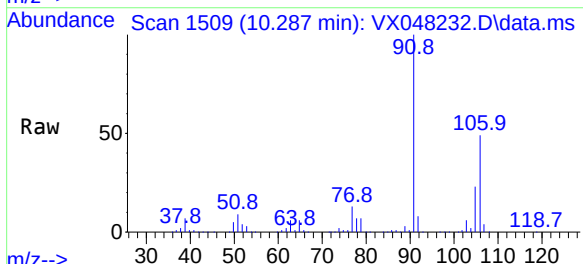
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

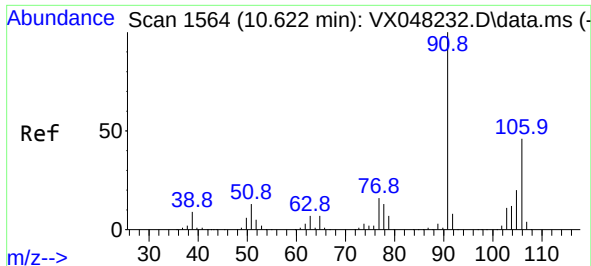
Tgt Ion: 91 Resp: 336660
Ion Ratio Lower Upper
91 100
106 30.1 23.8 35.6



#68
m/p-Xylenes
Concen: 96.619 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 106 Resp: 253662
Ion Ratio Lower Upper
106 100
91 209.1 167.9 251.9

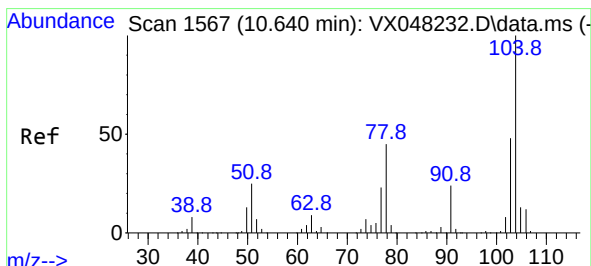
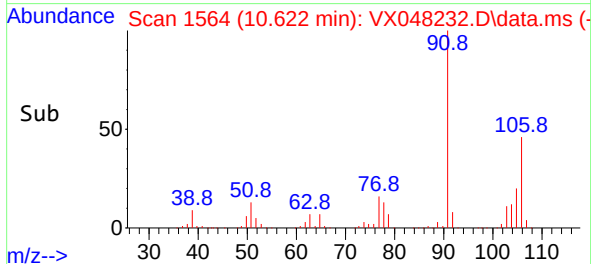
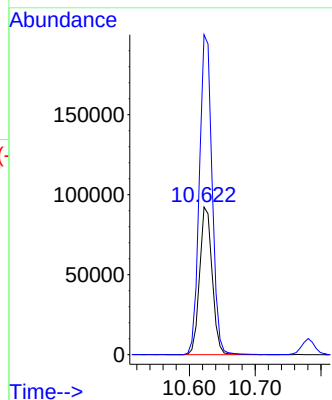
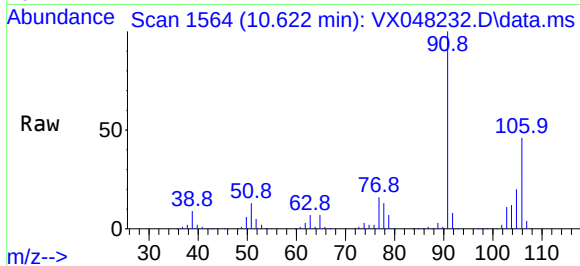




#69
o-Xylene
Concen: 48.363 ug/l
RT: 10.622 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

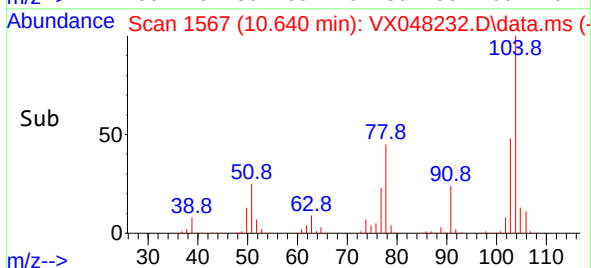
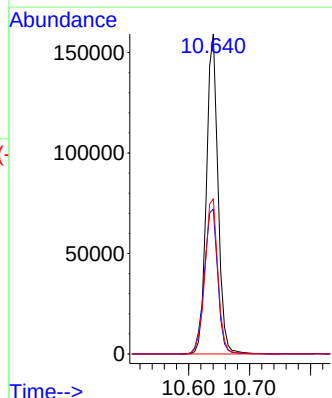
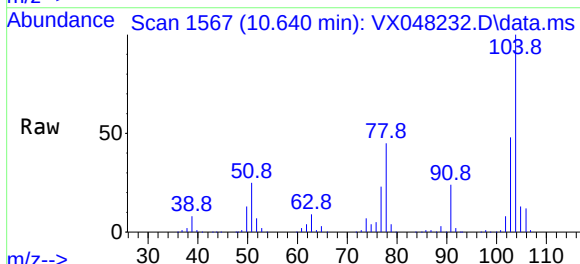
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

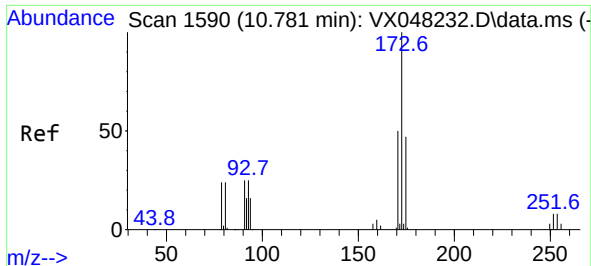
Tgt Ion:106 Resp: 122582
Ion Ratio Lower Upper
106 100
91 219.2 111.3 333.9



#70
Styrene
Concen: 48.857 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:104 Resp: 210861
Ion Ratio Lower Upper
104 100
78 52.8 42.2 63.4
103 54.4 43.0 64.4

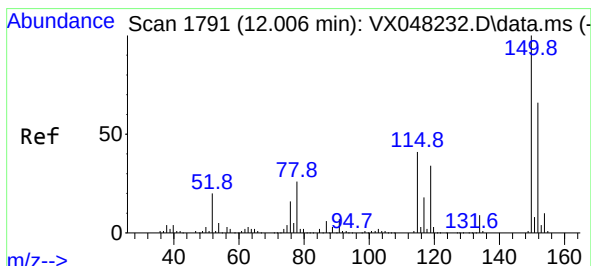
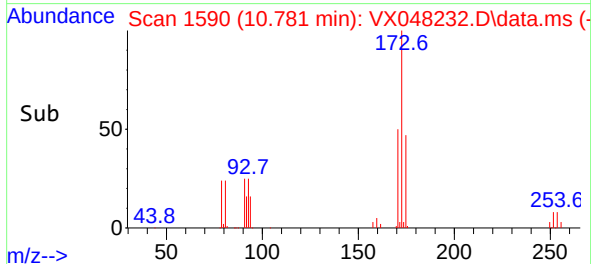
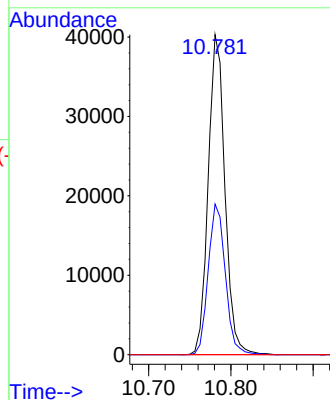
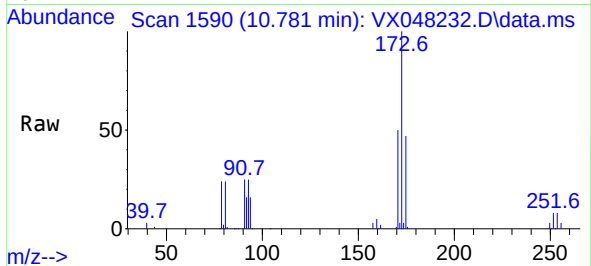




#71
Bromoform
Concen: 46.682 ug/l
RT: 10.781 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

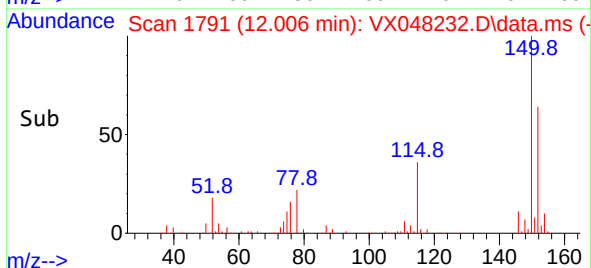
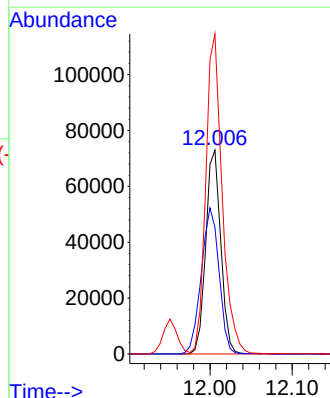
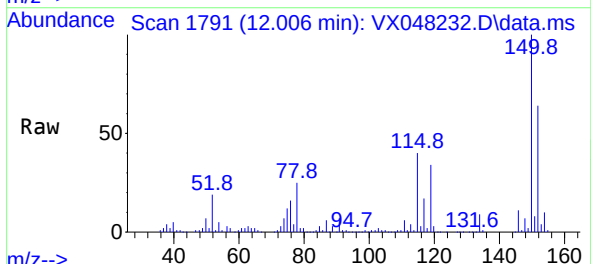
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

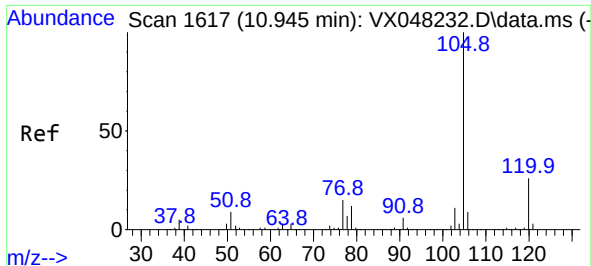
Tgt Ion:173 Resp: 56874
Ion Ratio Lower Upper
173 100
175 48.2 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:152 Resp: 92693
Ion Ratio Lower Upper
152 100
115 84.9 43.1 129.4
150 171.1 0.0 353.0

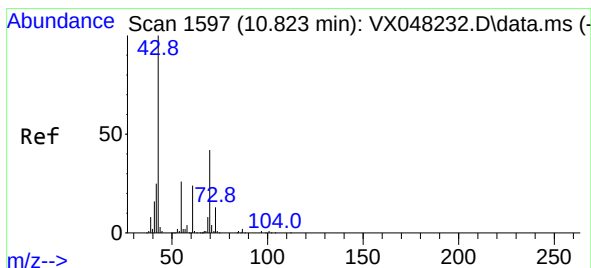
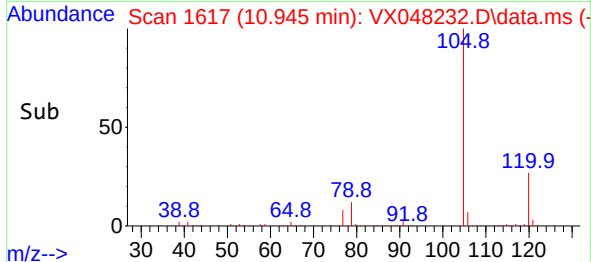
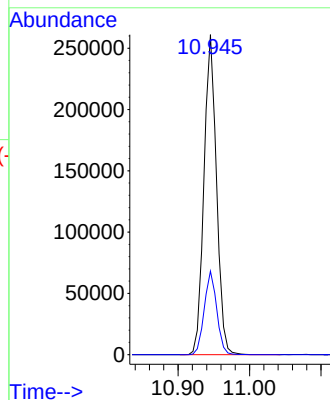
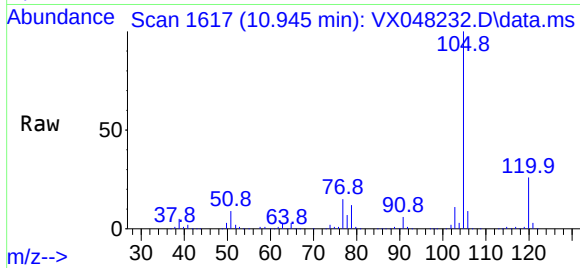




#73
Isopropylbenzene
Concen: 46.966 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

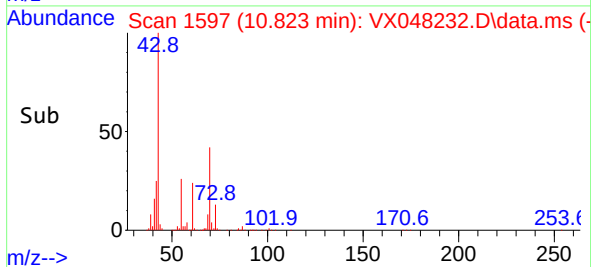
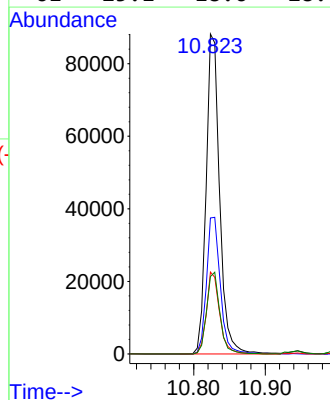
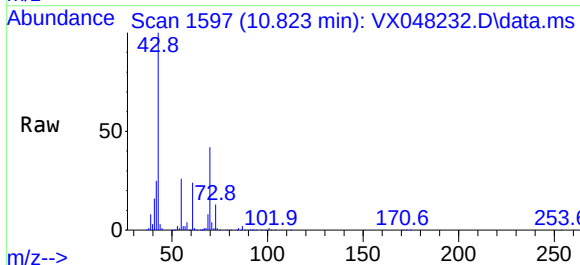
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

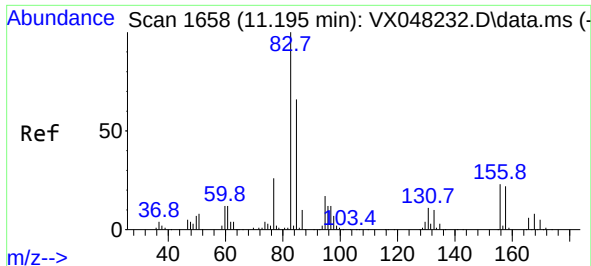
Tgt Ion:105 Resp: 317974
Ion Ratio Lower Upper
105 100
120 26.0 13.0 38.9



#74
N-ethyl acetate
Concen: 48.171 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 43 Resp: 115683
Ion Ratio Lower Upper
43 100
70 43.8 32.2 48.2
55 25.1 19.1 28.7
61 25.1 18.6 28.0

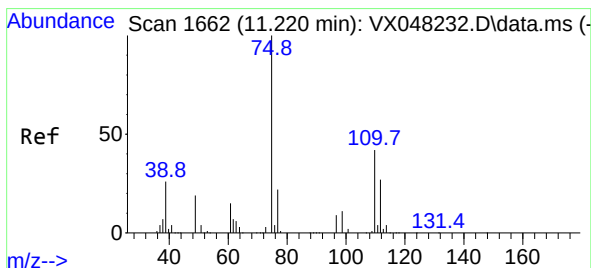
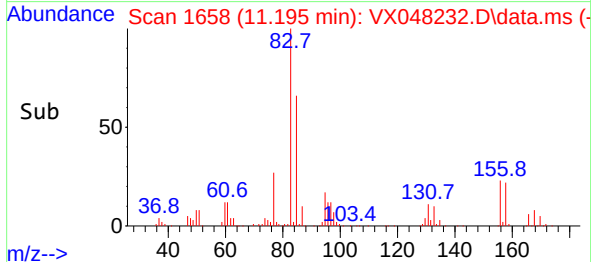
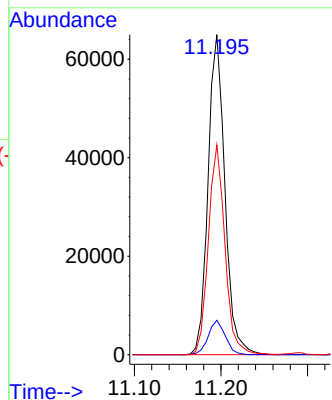
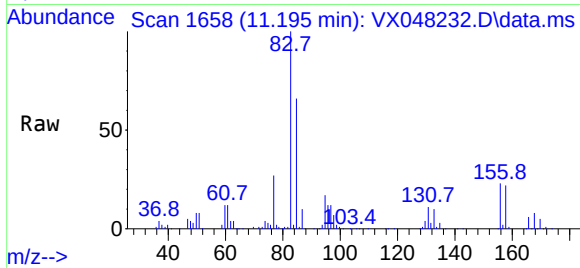




#75
1,1,2,2-Tetrachloroethane
Concen: 47.437 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

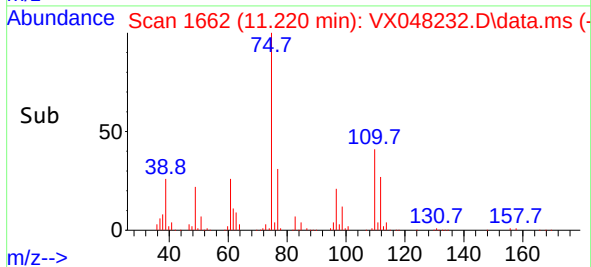
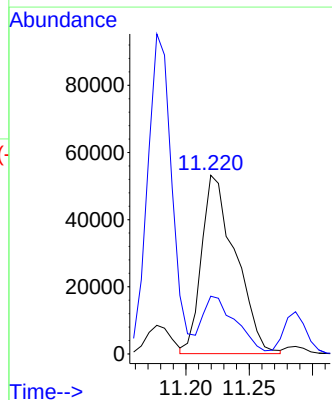
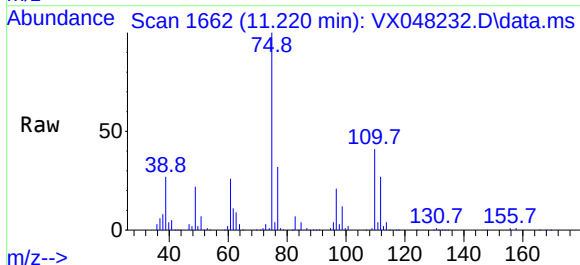
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

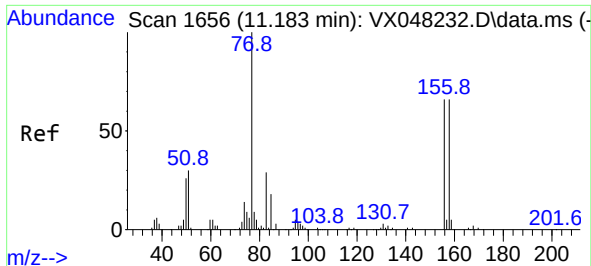
Tgt Ion: 83 Resp: 87705
Ion Ratio Lower Upper
83 100
131 10.9 4.8 14.4
85 64.5 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 66.118 ug/l
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 75 Resp: 99387
Ion Ratio Lower Upper
75 100
77 30.9 22.4 67.2

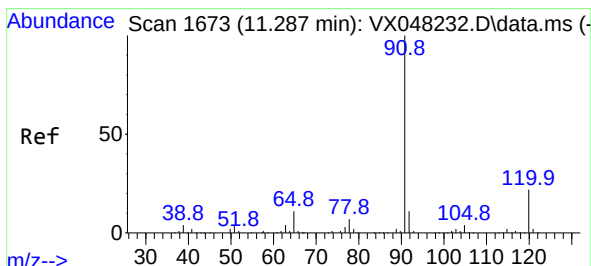
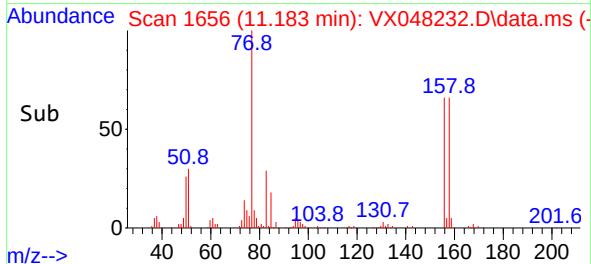
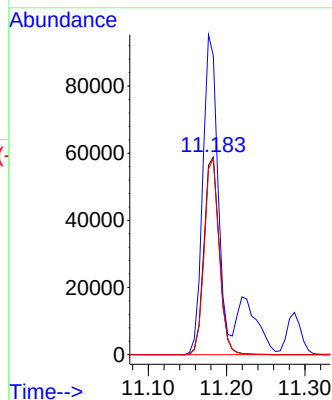
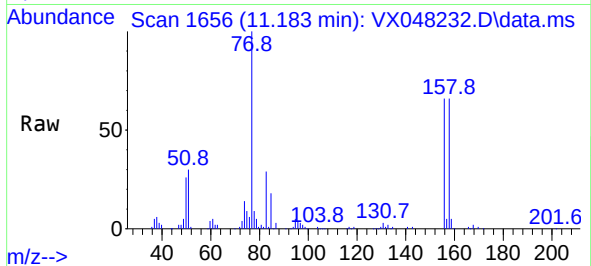




#77
Bromobenzene
Concen: 46.856 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

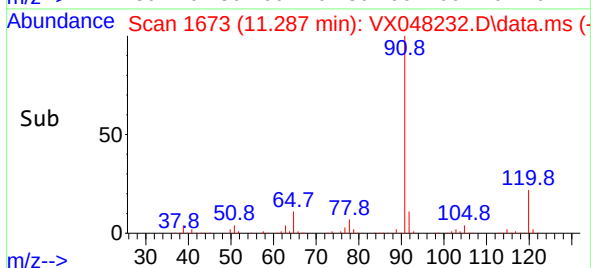
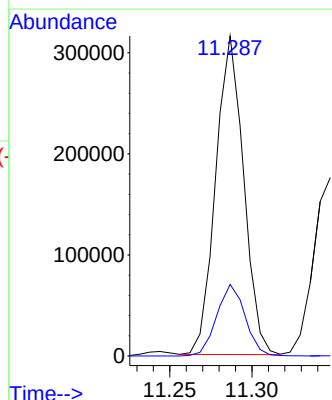
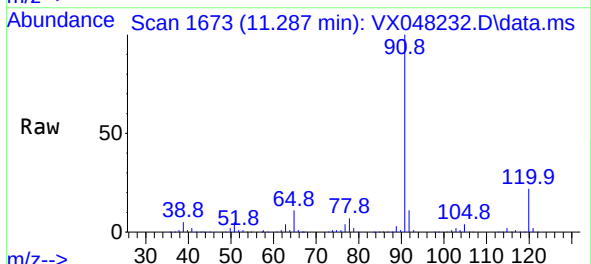
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

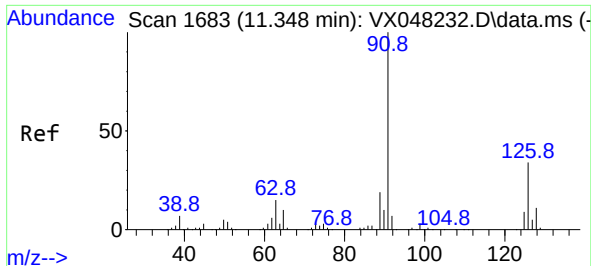
Tgt Ion:156 Resp: 79543
Ion Ratio Lower Upper
156 100
77 161.6 87.0 261.0
158 97.3 47.8 143.4



#78
n-propylbenzene
Concen: 47.496 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 91 Resp: 372312
Ion Ratio Lower Upper
91 100
120 22.9 11.1 33.1

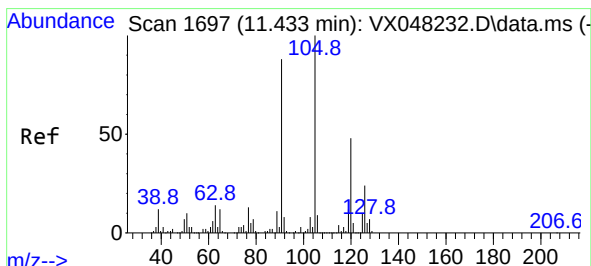
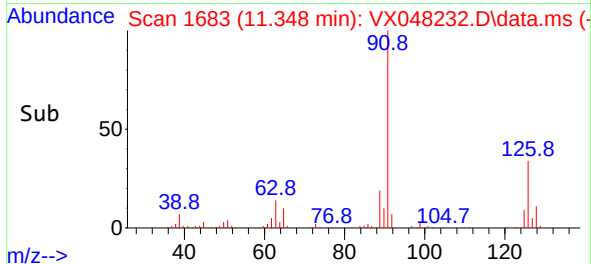
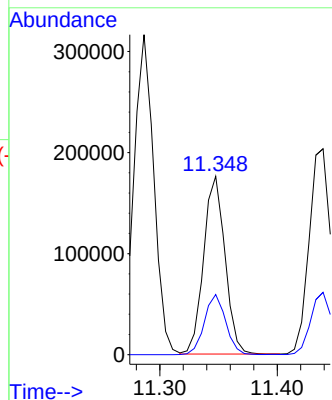
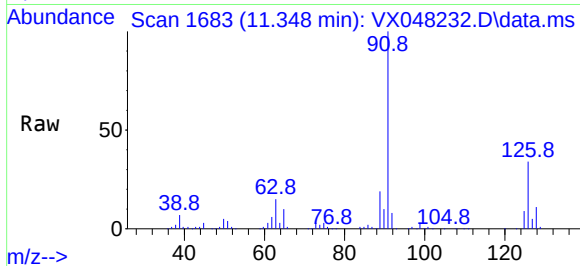




#79
2-Chlorotoluene
Concen: 46.757 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

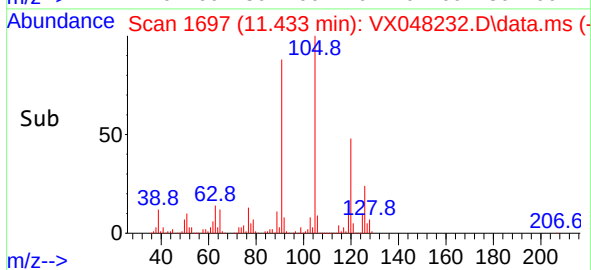
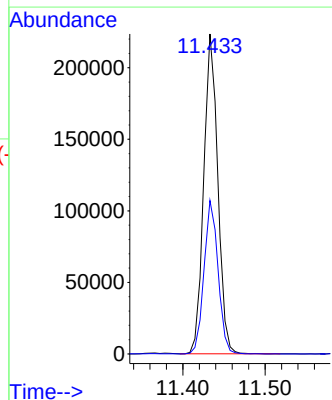
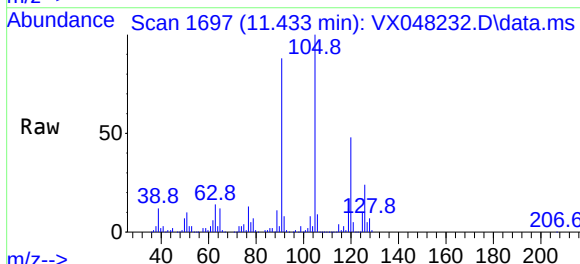
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

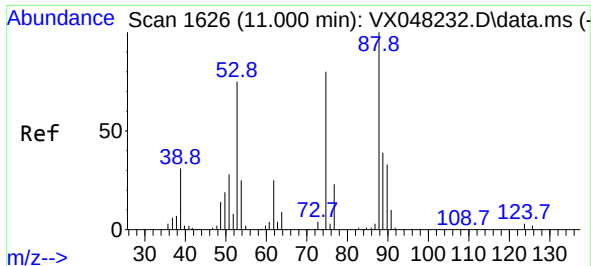
Tgt Ion: 91 Resp: 222217
Ion Ratio Lower Upper
91 100
126 33.8 16.4 49.4



#80
1,3,5-Trimethylbenzene
Concen: 47.329 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:105 Resp: 265174
Ion Ratio Lower Upper
105 100
120 48.1 24.0 72.0

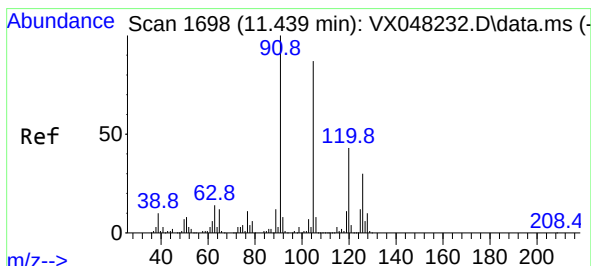
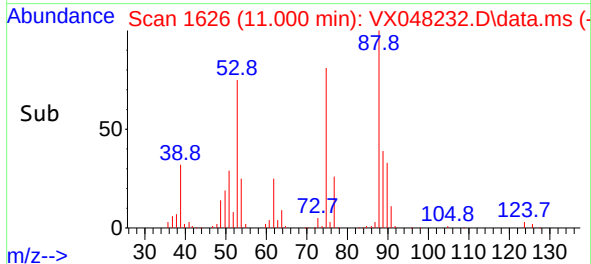
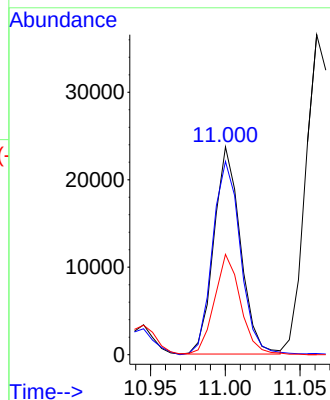
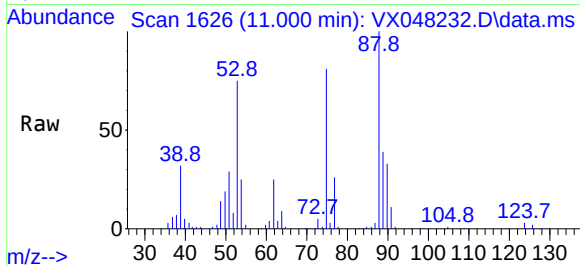




#81
trans-1,4-Dichloro-2-butene
Concen: 47.415 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

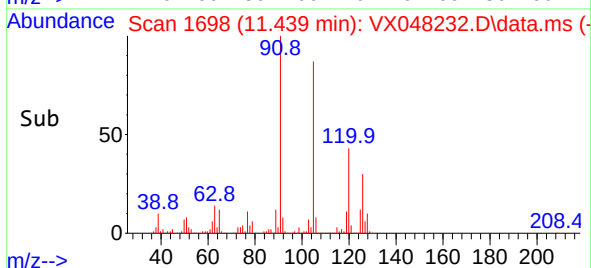
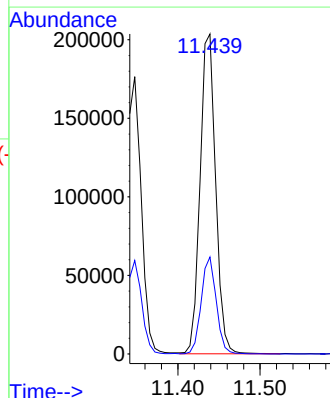
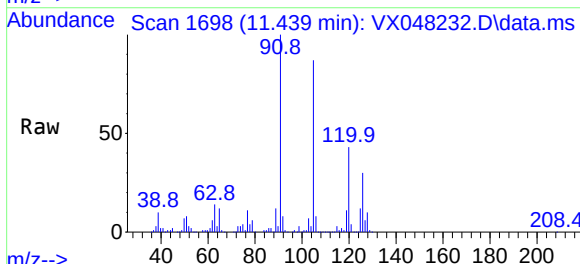
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

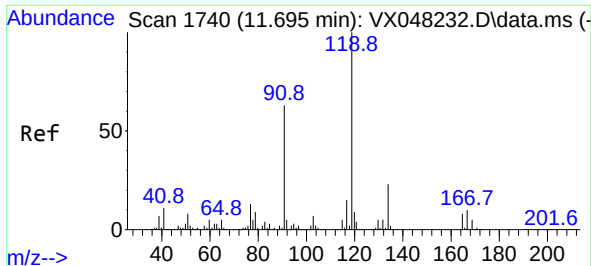
Tgt Ion: 75 Resp: 29295
Ion Ratio Lower Upper
75 100
53 98.5 79.5 119.3
89 48.0 36.8 55.2



#82
4-Chlorotoluene
Concen: 47.367 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 91 Resp: 267236
Ion Ratio Lower Upper
91 100
126 29.3 14.1 42.4

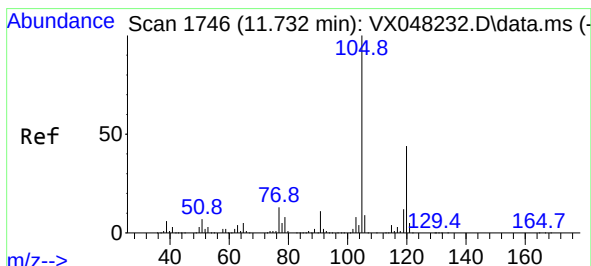
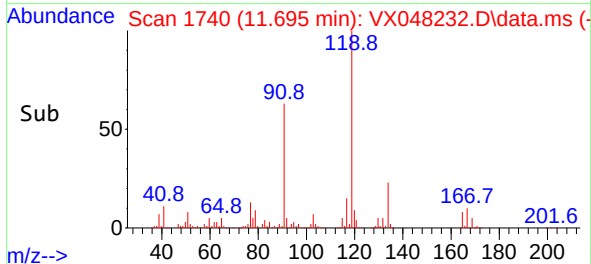
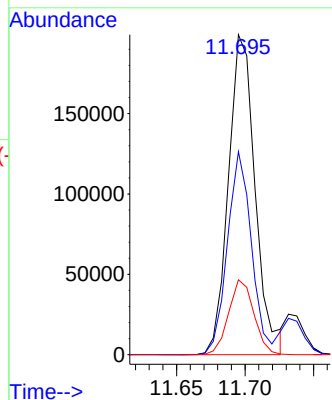
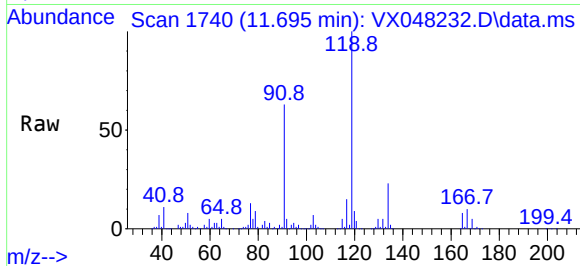




#83
tert-Butylbenzene
Concen: 46.938 ug/l
RT: 11.695 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

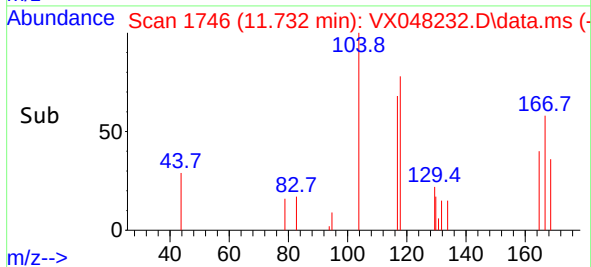
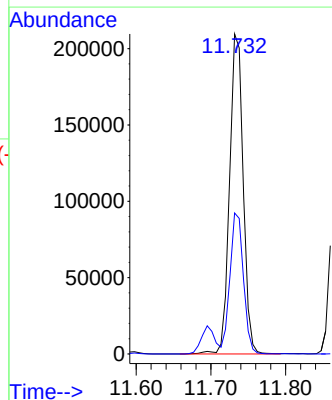
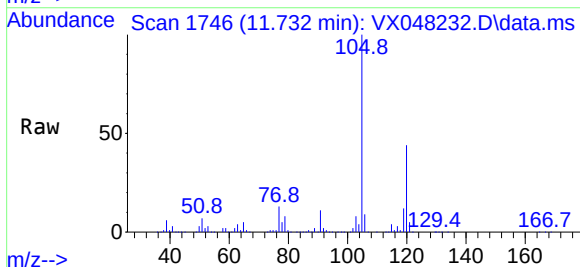
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

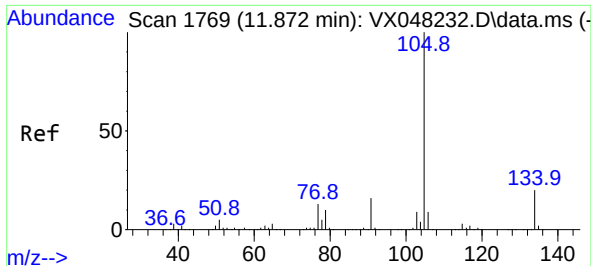
Tgt Ion:119 Resp: 270202
Ion Ratio Lower Upper
119 100
91 57.2 30.3 91.0
134 22.2 11.4 34.2



#84
1,2,4-Trimethylbenzene
Concen: 47.480 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:105 Resp: 265485
Ion Ratio Lower Upper
105 100
120 43.5 22.1 66.5

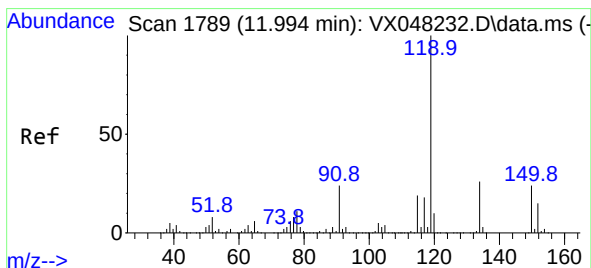
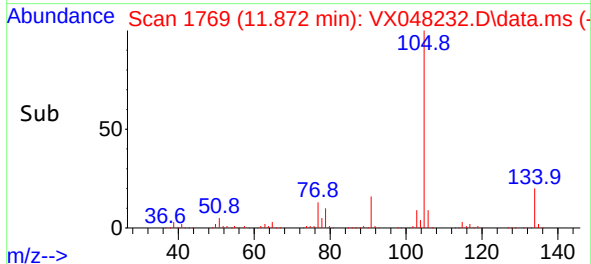
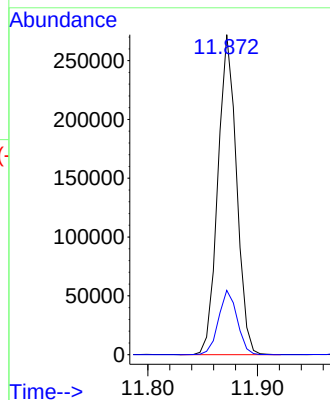
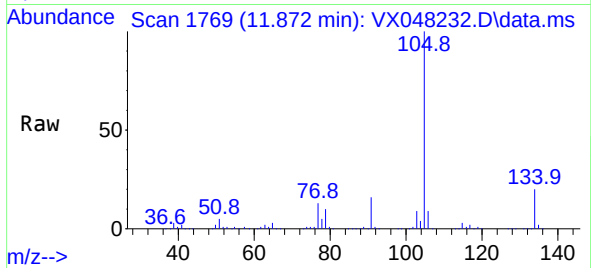




#85
 sec-Butylbenzene
 Concen: 46.524 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VX048232.D
 Acq: 20 Oct 2025 12:01

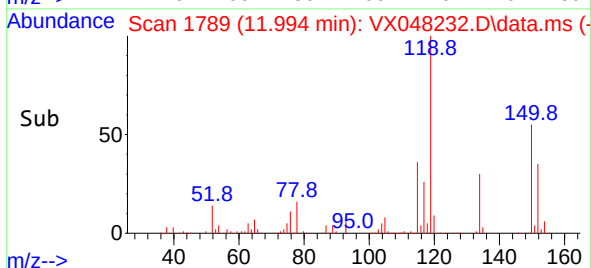
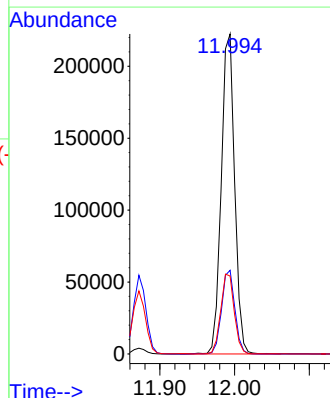
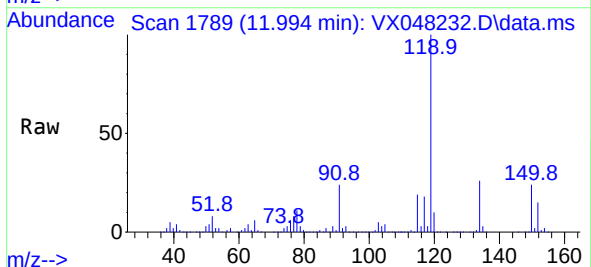
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

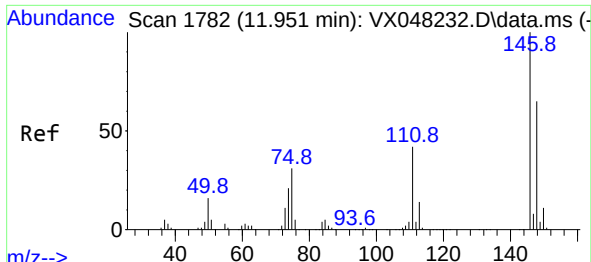
Tgt Ion:105 Resp: 322219
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 46.242 ug/l
 RT: 11.994 min Scan# 1789
 Delta R.T. 0.006 min
 Lab File: VX048232.D
 Acq: 20 Oct 2025 12:01

Tgt Ion:119 Resp: 276821
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 39.0
 91 25.3 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 44.902 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VX048232.D

Acq: 20 Oct 2025 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

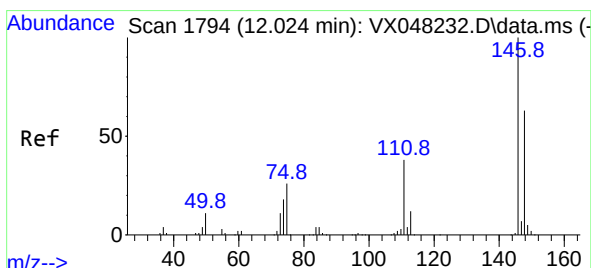
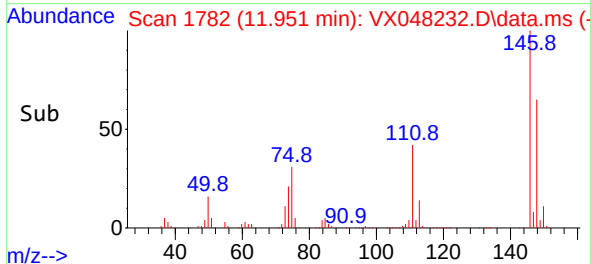
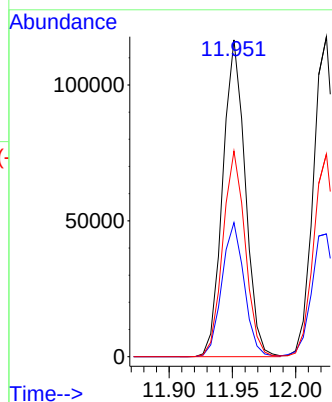
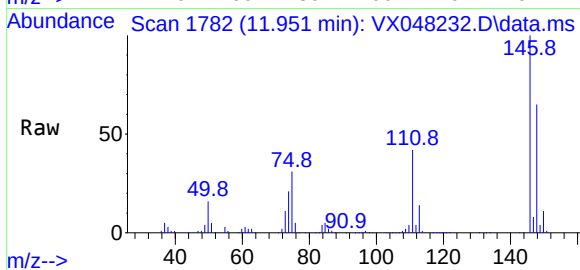
Tgt Ion:146 Resp: 143699

Ion Ratio Lower Upper

146 100

111 42.1 20.4 61.2

148 64.6 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 44.097 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX048232.D

Acq: 20 Oct 2025 12:01

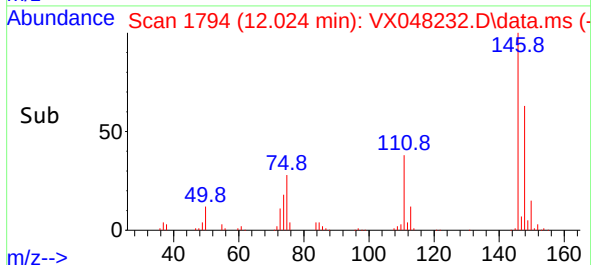
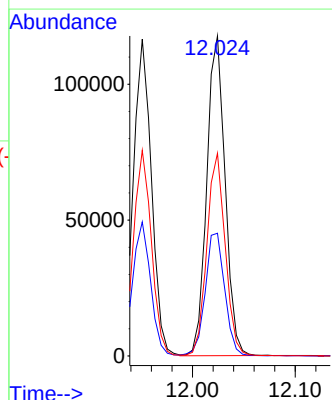
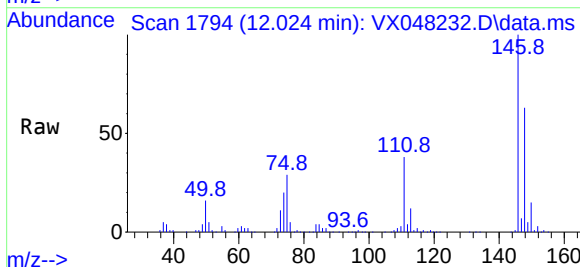
Tgt Ion:146 Resp: 146196

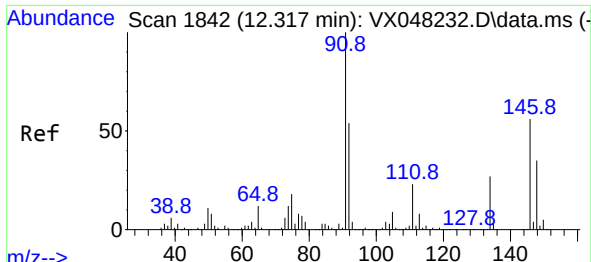
Ion Ratio Lower Upper

146 100

111 40.8 20.1 60.2

148 63.3 31.8 95.3

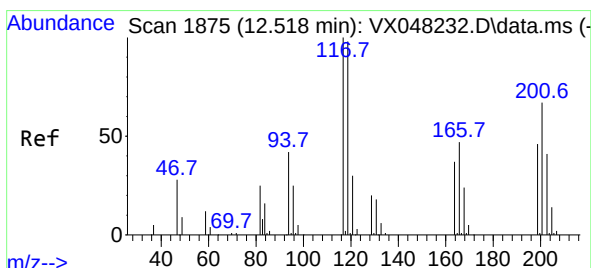
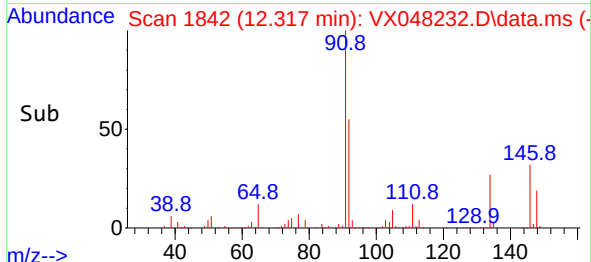
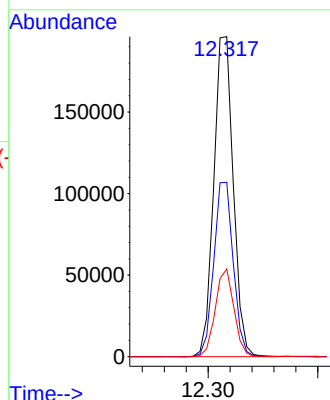
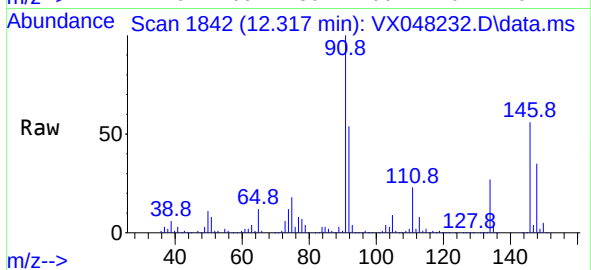




#89
n-Butylbenzene
Concen: 44.609 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

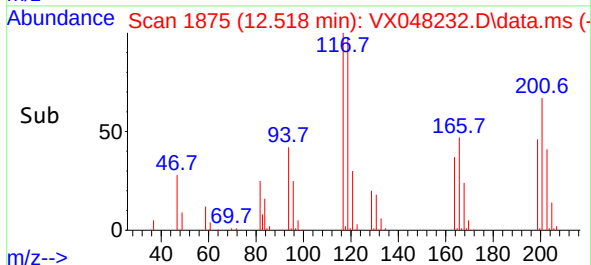
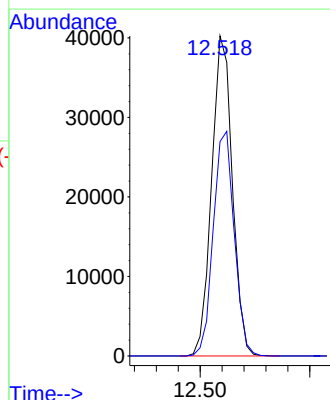
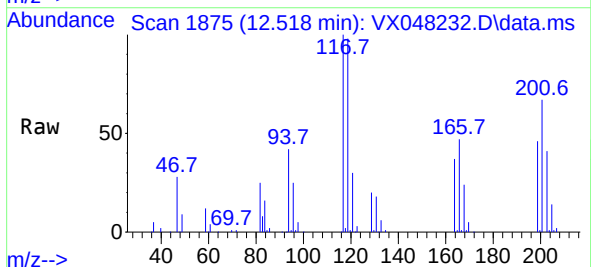
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

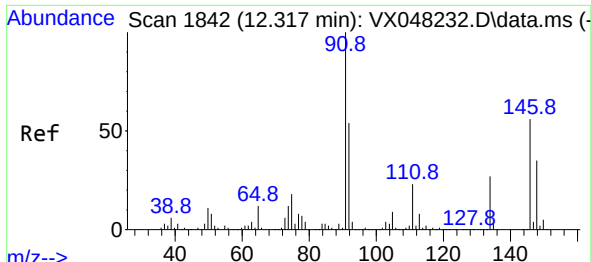
Tgt Ion: 91 Resp: 243063
Ion Ratio Lower Upper
91 100
92 54.5 26.9 80.6
134 26.2 12.7 38.1



#90
Hexachloroethane
Concen: 44.609 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 117 Resp: 52735
Ion Ratio Lower Upper
117 100
201 71.2 34.1 102.2

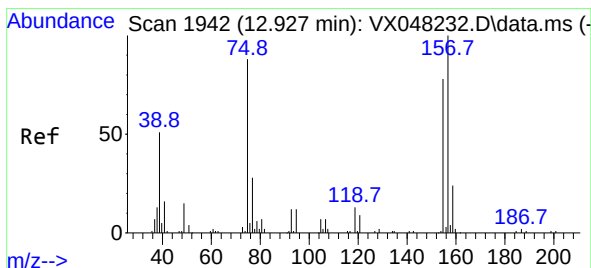
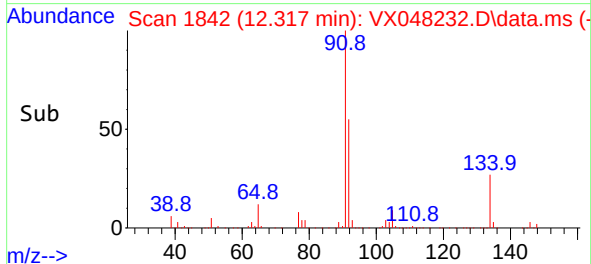
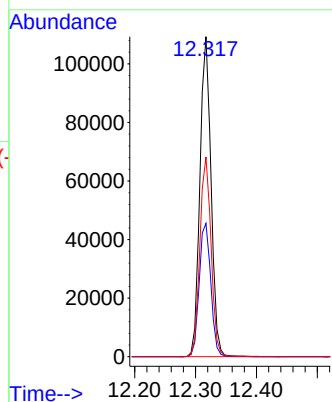
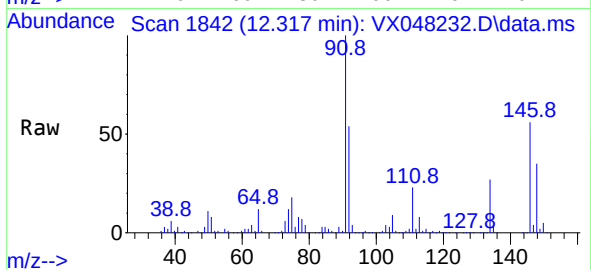




#91
1,2-Dichlorobenzene
Concen: 46.091 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

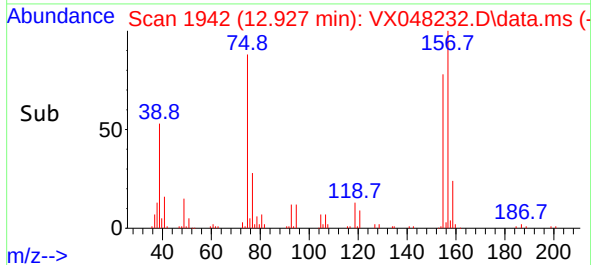
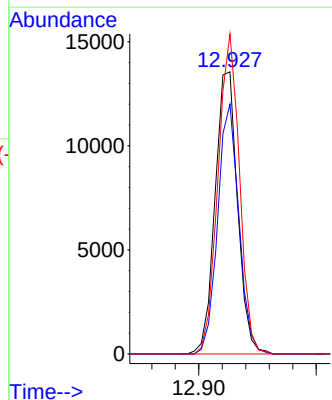
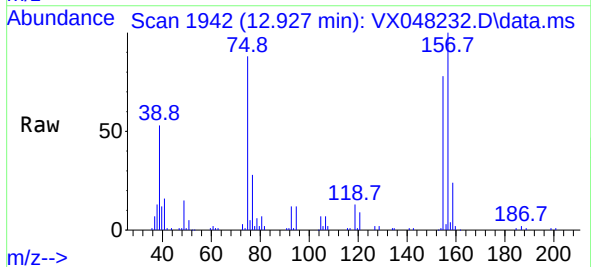
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

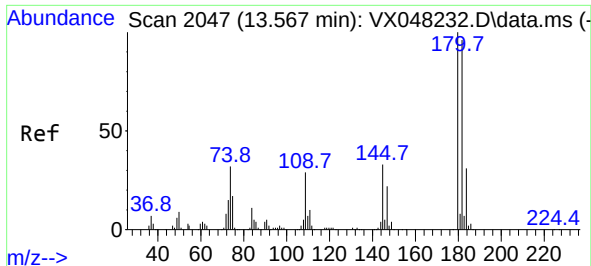
Tgt Ion:146 Resp: 138489
Ion Ratio Lower Upper
146 100
111 43.4 21.9 65.5
148 62.9 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.120 ug/l
RT: 12.927 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 75 Resp: 18059
Ion Ratio Lower Upper
75 100
155 83.5 42.8 128.4
157 108.0 54.2 162.6

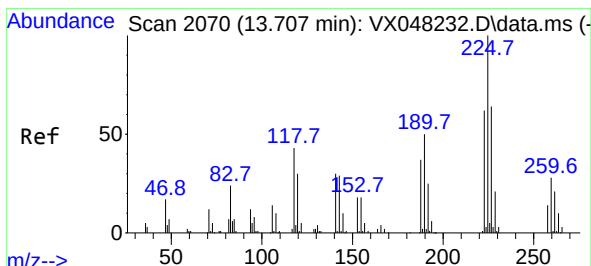
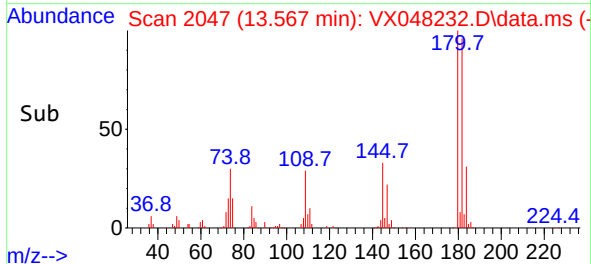
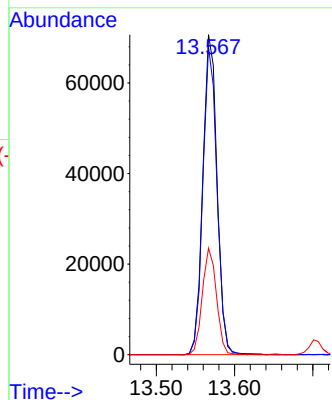
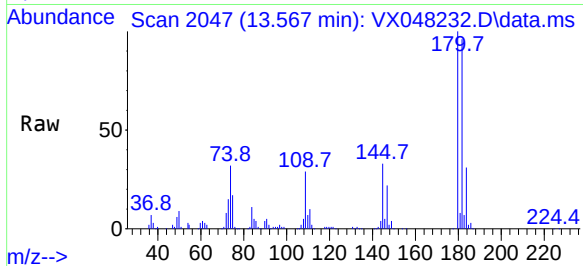




#93
1,2,4-Trichlorobenzene
Concen: 43.761 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

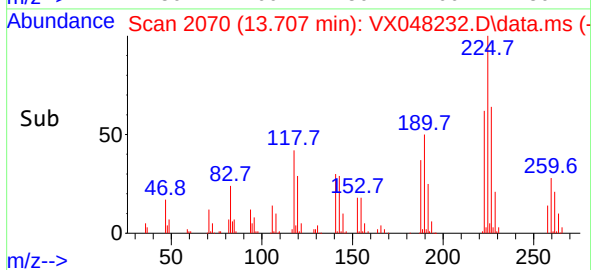
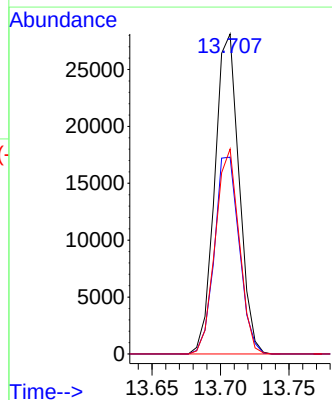
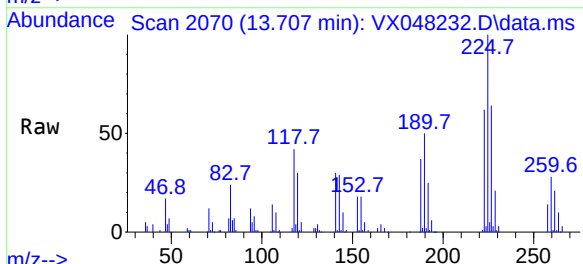
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

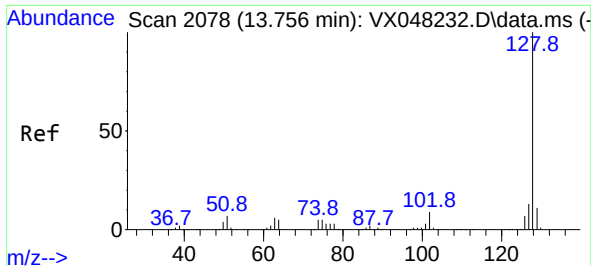
Tgt Ion:180 Resp: 88920
Ion Ratio Lower Upper
180 100
182 95.5 47.3 142.0
145 33.1 16.3 48.9



#94
Hexachlorobutadiene
Concen: 45.467 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:225 Resp: 34615
Ion Ratio Lower Upper
225 100
223 63.0 32.6 97.7
227 62.9 32.5 97.4

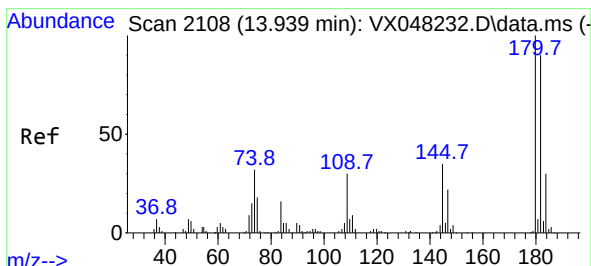
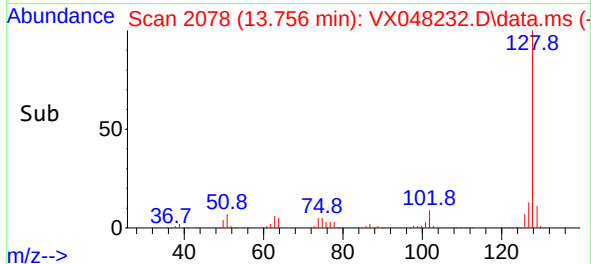
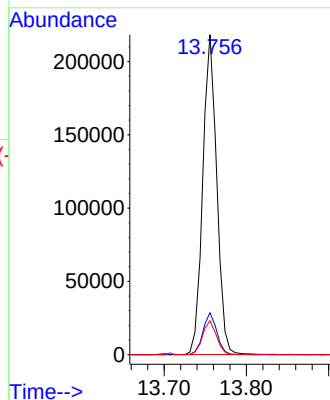
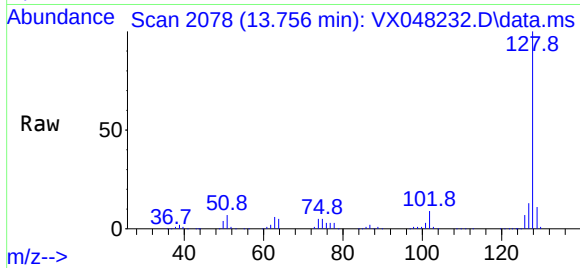




#95
Naphthalene
Concen: 47.792 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

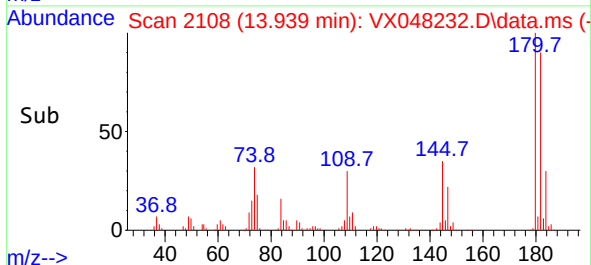
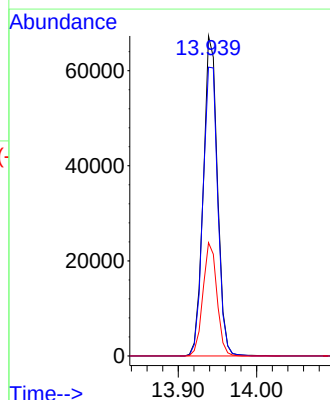
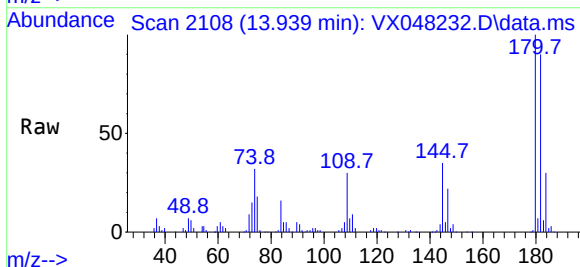
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 257281
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.6 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 45.200 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:180 Resp: 84279
Ion Ratio Lower Upper
180 100
182 94.5 46.6 139.7
145 35.0 16.9 50.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
 Data File : VX048233.D
 Acq On : 20 Oct 2025 12:22
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 25 03:35:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	117551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	187766	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	163588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	80621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	162188	98.406	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 196.820%#	
35) Dibromofluoromethane	5.373	113	129919	101.351	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 202.700%#	
50) Toluene-d8	8.634	98	448948	99.920	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 199.840%#	
62) 4-Bromofluorobenzene	11.061	95	167565	98.032	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 196.060%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	127029	105.118	ug/l	97
3) Chloromethane	1.300	50	111895	99.201	ug/l	100
4) Vinyl Chloride	1.379	62	108564	103.938	ug/l	100
5) Bromomethane	1.605	94	65752	92.758	ug/l	99
6) Chloroethane	1.690	64	66332	108.072	ug/l	92
7) Trichlorofluoromethane	1.892	101	213301	106.479	ug/l	98
8) Diethyl Ether	2.135	74	58302	103.435	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.337	101	136951	107.961	ug/l	96
10) Methyl Iodide	2.452	142	183697	115.192	ug/l	99
11) Tert butyl alcohol	2.952	59	78284	478.391	ug/l	99
12) 1,1-Dichloroethene	2.324	96	131152	106.271	ug/l	93
13) Acrolein	2.239	56	87244	522.748	ug/l	100
14) Allyl chloride	2.666	41	214290	104.584	ug/l	98
15) Acrylonitrile	3.056	53	298022	505.062	ug/l	100
16) Acetone	2.373	43	260058	459.946	ug/l	99
17) Carbon Disulfide	2.513	76	380127	97.731	ug/l	99
18) Methyl Acetate	2.702	43	120920	102.405	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	427254	101.480	ug/l	97
20) Methylene Chloride	2.788	84	140317	101.850	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	139080	102.594	ug/l	96
22) Diisopropyl ether	3.751	45	420126	102.802	ug/l	89
23) Vinyl Acetate	3.714	43	1723170	527.850	ug/l	96
24) 1,1-Dichloroethane	3.605	63	248141	100.417	ug/l	99
25) 2-Butanone	4.543	43	353741	494.285	ug/l	98
26) 2,2-Dichloropropane	4.470	77	228643	102.510	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	163444	103.308	ug/l	98
28) Bromochloromethane	4.885	49	108536	105.928	ug/l	86
29) Tetrahydrofuran	4.989	42	216543	505.219	ug/l	93
30) Chloroform	5.080	83	264966	100.362	ug/l	98
31) Cyclohexane	5.464	56	217717	106.419	ug/l	91
32) 1,1,1-Trichloroethane	5.373	97	248018	101.932	ug/l	98
36) 1,1-Dichloropropene	5.684	75	183932	100.953	ug/l	99
37) Ethyl Acetate	4.702	43	153844	101.872	ug/l	99
38) Carbon Tetrachloride	5.665	117	226976	100.976	ug/l	99
39) Methylcyclohexane	7.366	83	235208	109.312	ug/l	95
40) Benzene	6.025	78	535407	101.216	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
 Data File : VX048233.D
 Acq On : 20 Oct 2025 12:22
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 25 03:35:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.909	41	83790	105.653	ug/l	97
42) 1,2-Dichloroethane	6.074	62	198348	101.616	ug/l	99
43) Isopropyl Acetate	6.324	43	256067	103.227	ug/l	95
44) Trichloroethene	7.110	130	142779	102.221	ug/l	99
45) 1,2-Dichloropropane	7.415	63	130188	103.516	ug/l	96
46) Dibromomethane	7.567	93	98105	100.126	ug/l	94
47) Bromodichloromethane	7.805	83	215302	101.770	ug/l	99
48) Methyl methacrylate	7.677	41	131454	105.017	ug/l	95
49) 1,4-Dioxane	7.647	88	35972	2175.223	ug/l	89
51) 4-Methyl-2-Pentanone	8.561	43	720980	504.097	ug/l	94
52) Toluene	8.701	92	341597	101.651	ug/l	99
53) t-1,3-Dichloropropene	8.963	75	215736	105.820	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	231037	105.038	ug/l	94
55) 1,1,2-Trichloroethane	9.134	97	124910	99.952	ug/l	98
56) Ethyl methacrylate	9.104	69	196699	107.610	ug/l	94
57) 1,3-Dichloropropane	9.293	76	214853	100.650	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	505448	512.470	ug/l	96
59) 2-Hexanone	9.415	43	509398	510.781	ug/l	95
60) Dibromochloromethane	9.506	129	166167	98.928	ug/l	100
61) 1,2-Dibromoethane	9.591	107	134662	101.077	ug/l	97
64) Tetrachloroethene	9.256	164	121163	99.215	ug/l	97
65) Chlorobenzene	10.061	112	375532	102.048	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	140599	104.022	ug/l	97
67) Ethyl Benzene	10.177	91	656925	104.850	ug/l	98
68) m/p-Xylenes	10.286	106	490879	210.869	ug/l	100
69) o-Xylene	10.622	106	236648	105.297	ug/l	100
70) Styrene	10.640	104	407916	106.594	ug/l	99
71) Bromoform	10.780	173	109613	101.467	ug/l #	98
73) Isopropylbenzene	10.945	105	624767	106.098	ug/l	99
74) N-amyl acetate	10.829	43	228080	109.195	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.195	83	164207	102.114	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	192703	147.394	ug/l	78
77) Bromobenzene	11.183	156	153619	104.042	ug/l	93
78) n-propylbenzene	11.286	91	732684	107.464	ug/l	98
79) 2-Chlorotoluene	11.347	91	434217	105.044	ug/l	100
80) 1,3,5-Trimethylbenzene	11.432	105	519549	106.616	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	59059	109.902	ug/l	98
82) 4-Chlorotoluene	11.439	91	506861	103.293	ug/l	98
83) tert-Butylbenzene	11.695	119	529264	105.707	ug/l	98
84) 1,2,4-Trimethylbenzene	11.731	105	523474	107.638	ug/l	99
85) sec-Butylbenzene	11.871	105	639904	106.228	ug/l	100
86) p-Isopropyltoluene	11.987	119	548119	105.271	ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	281617	101.174	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	277908	96.377	ug/l	98
89) n-Butylbenzene	12.316	91	495486	104.552	ug/l	99
90) Hexachloroethane	12.518	117	107057	104.121	ug/l	93
91) 1,2-Dichlorobenzene	12.316	146	261022	99.880	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	36087	110.555	ug/l	97
93) 1,2,4-Trichlorobenzene	13.566	180	179562	101.602	ug/l	100
94) Hexachlorobutadiene	13.706	225	68645	103.582	ug/l	98
95) Naphthalene	13.755	128	511355	109.211	ug/l	99
96) 1,2,3-Trichlorobenzene	13.944	180	169248	104.362	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048233.D
Acq On : 20 Oct 2025 12:22
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

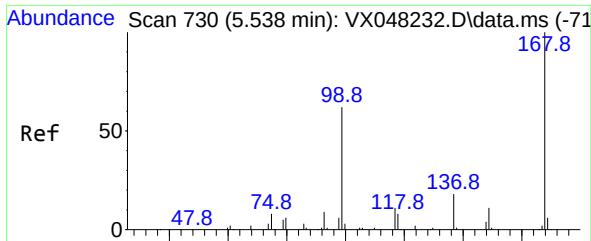
Quant Time: Oct 25 03:35:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

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

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

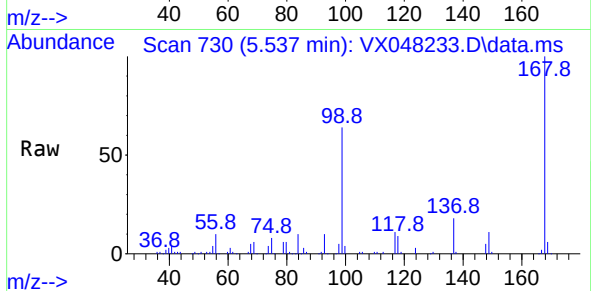
Quant Time: Oct 25 03:35:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration



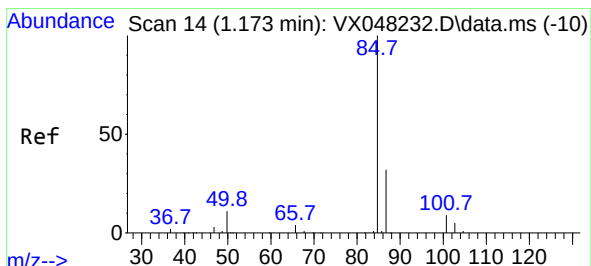
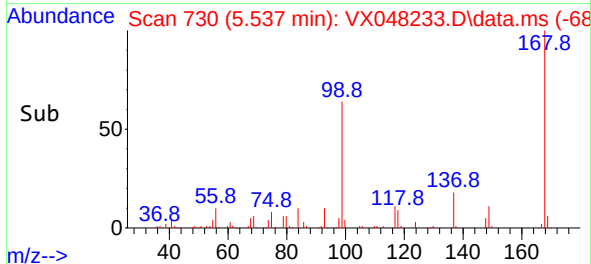
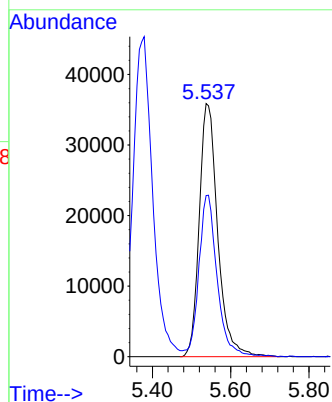


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

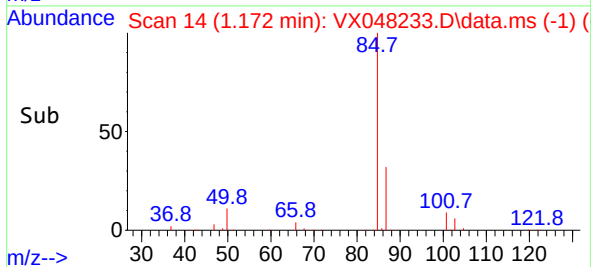
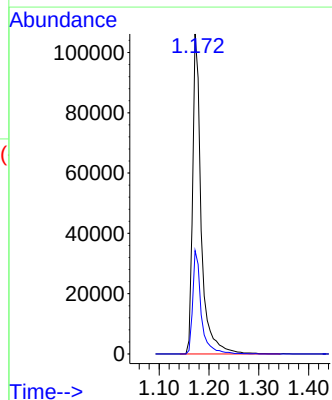
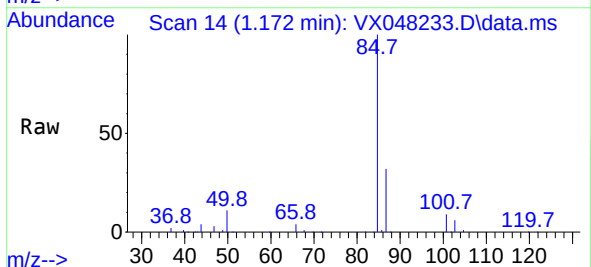


Tgt Ion:168 Resp: 117551
Ion Ratio Lower Upper
168 100
99 63.4 46.4 69.6

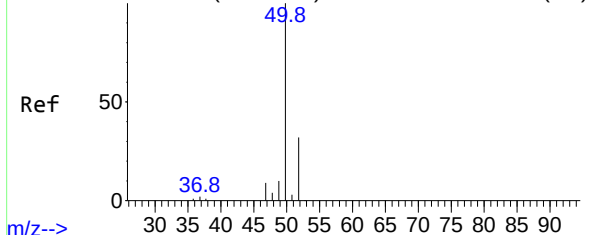


#2
Dichlorodifluoromethane
Concen: 105.118 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 85 Resp: 127029
Ion Ratio Lower Upper
85 100
87 32.3 15.3 45.9



Abundance Scan 35 (1.301 min): VX048232.D\data.ms (-30)



#3

Chloromethane

Concen: 99.201 ug/l

RT: 1.300 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

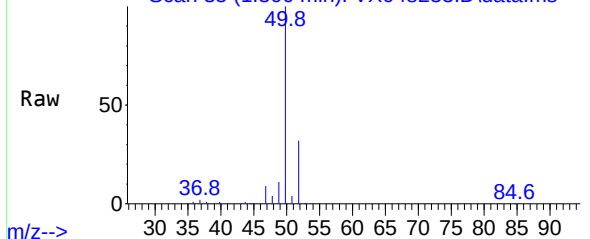
Tgt Ion: 50 Resp: 111895

Ion Ratio Lower Upper

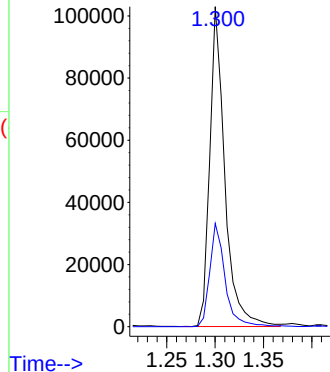
50 100

52 32.2 25.9 38.9

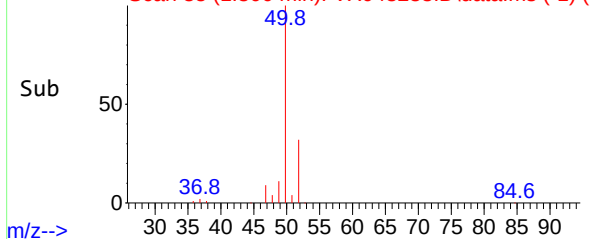
Abundance Scan 35 (1.300 min): VX048233.D\data.ms



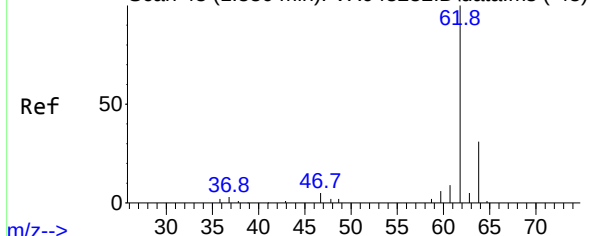
Abundance



Abundance Scan 35 (1.300 min): VX048233.D\data.ms (-1) (



Abundance Scan 48 (1.380 min): VX048232.D\data.ms (-43)



#4

Vinyl Chloride

Concen: 103.938 ug/l

RT: 1.379 min Scan# 48

Delta R.T. -0.000 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

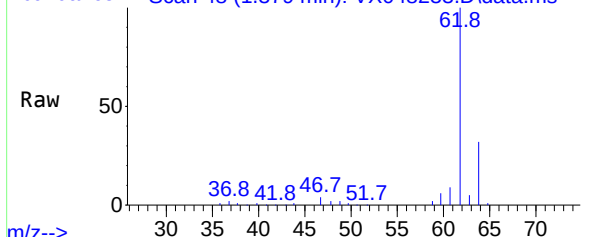
Tgt Ion: 62 Resp: 108564

Ion Ratio Lower Upper

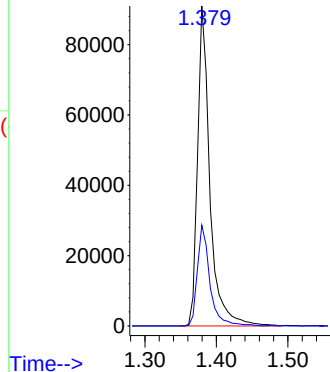
62 100

64 31.5 25.1 37.7

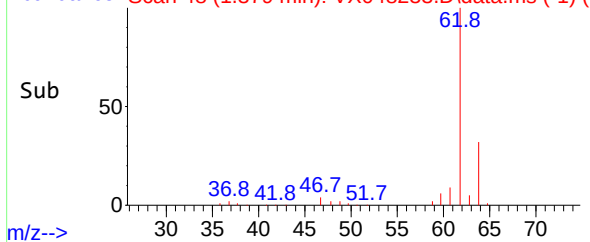
Abundance Scan 48 (1.379 min): VX048233.D\data.ms

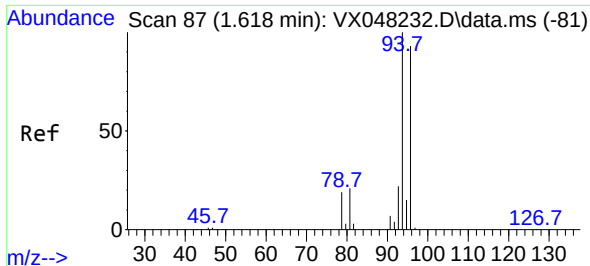


Abundance



Abundance Scan 48 (1.379 min): VX048233.D\data.ms (-1) (

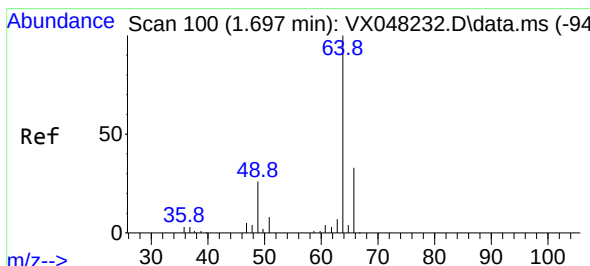
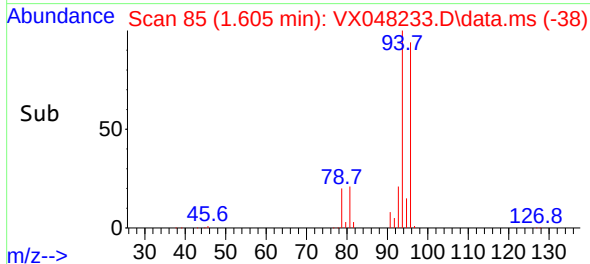
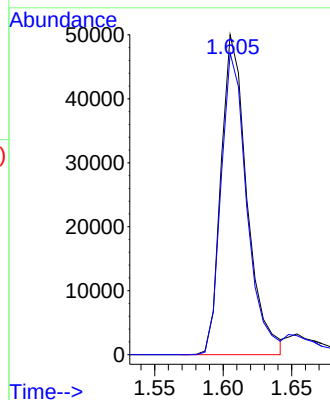
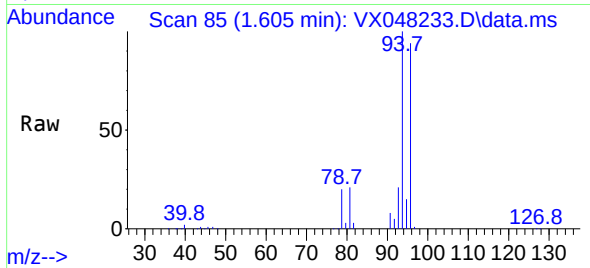




#5
Bromomethane
Concen: 92.758 ug/l
RT: 1.605 min Scan# 81
Delta R.T. -0.013 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

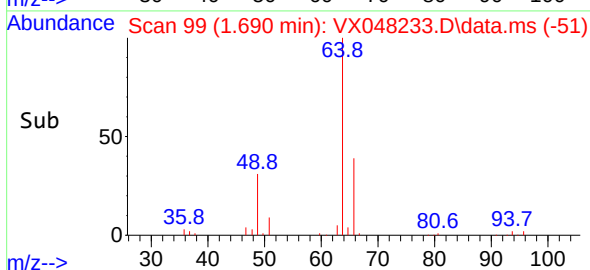
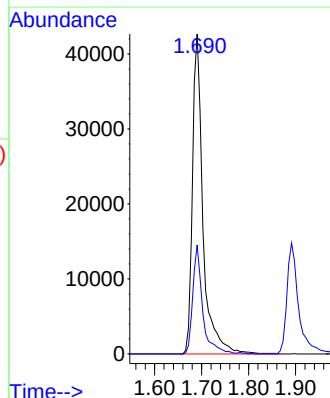
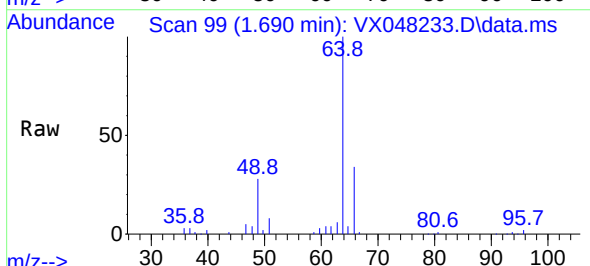
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

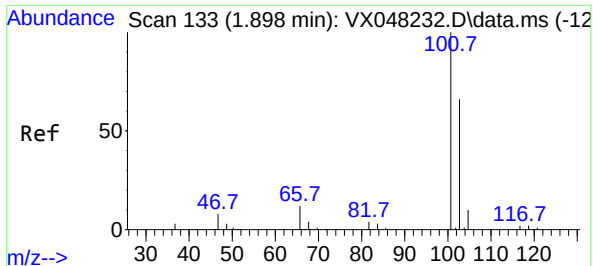
Tgt Ion: 94 Resp: 65752
Ion Ratio Lower Upper
94 100
96 94.3 76.0 114.0



#6
Chloroethane
Concen: 108.072 ug/l
RT: 1.690 min Scan# 99
Delta R.T. -0.007 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 64 Resp: 66332
Ion Ratio Lower Upper
64 100
66 34.0 23.9 35.9

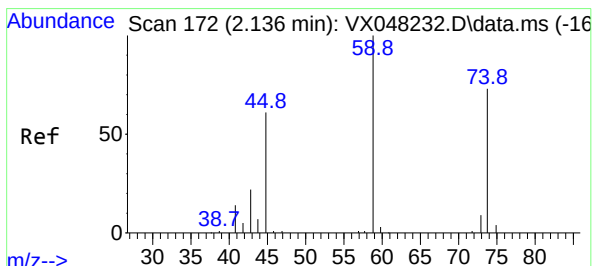
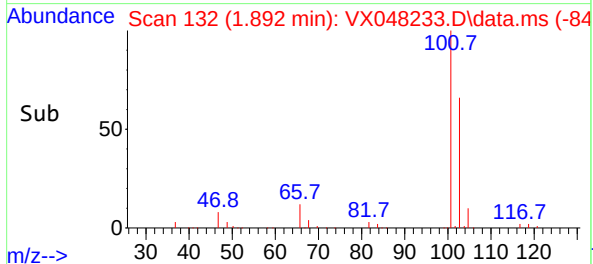
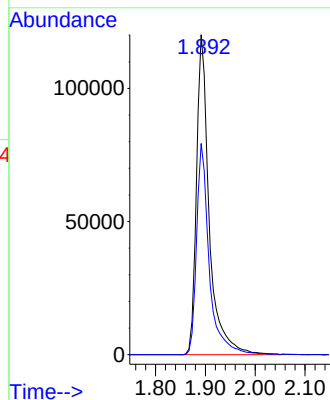
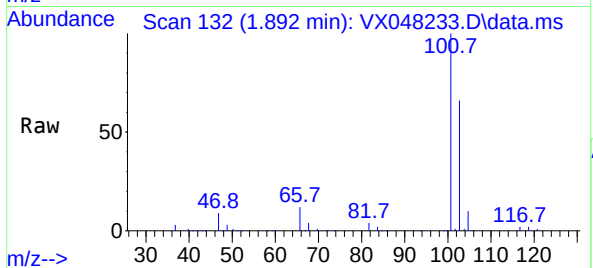




#7
Trichlorofluoromethane
Concen: 106.479 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.007 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

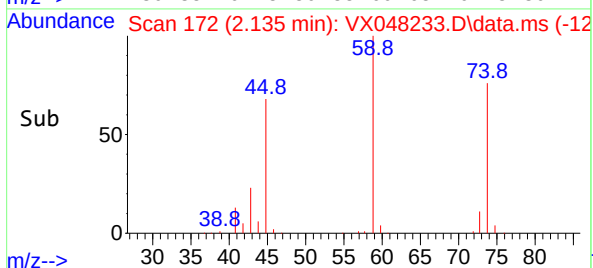
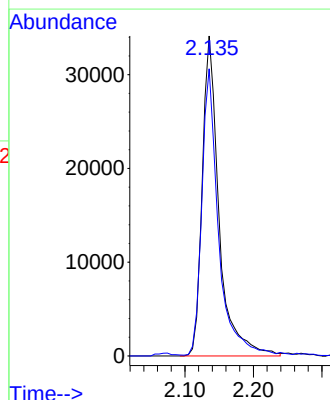
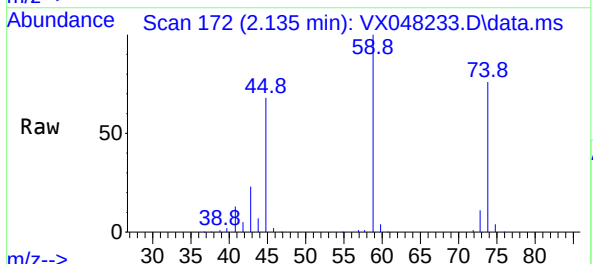
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

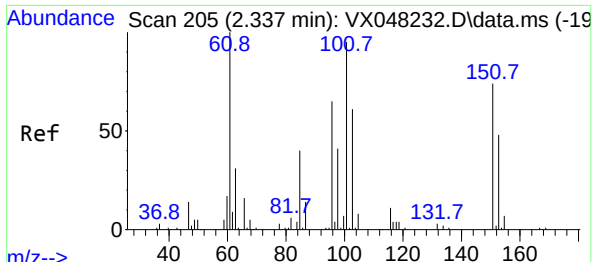
Tgt Ion:101 Resp: 213301
Ion Ratio Lower Upper
101 100
103 66.0 51.6 77.4



#8
Diethyl Ether
Concen: 103.435 ug/l
RT: 2.135 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 74 Resp: 58302
Ion Ratio Lower Upper
74 100
45 88.0 50.0 149.8

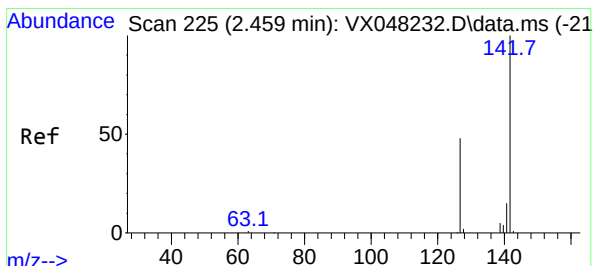
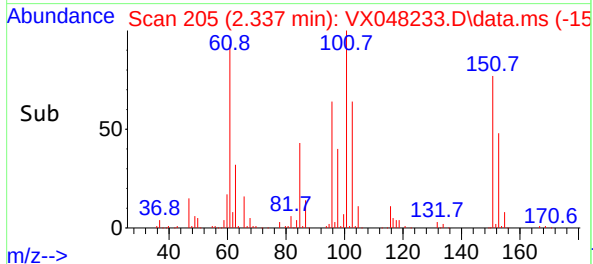
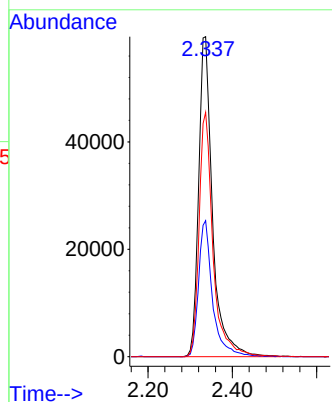
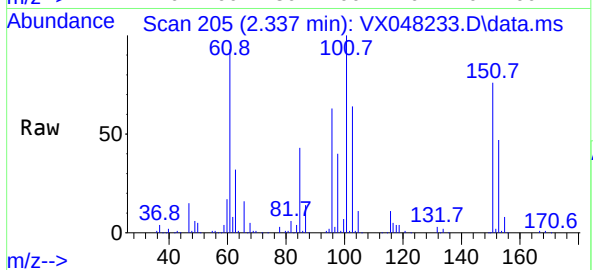




#9
1,1,2-Trichlorotrifluoroethane
Concen: 107.961 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

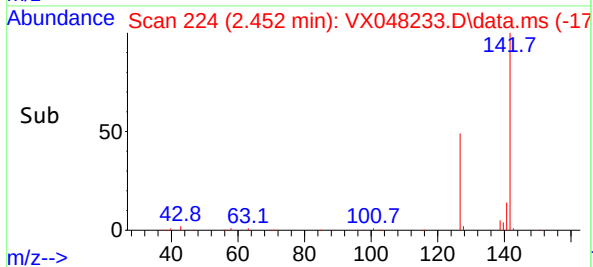
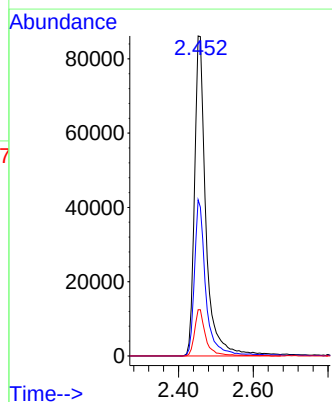
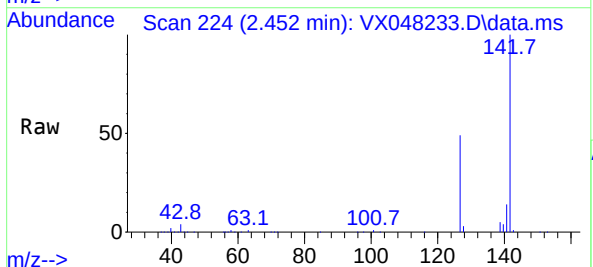
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

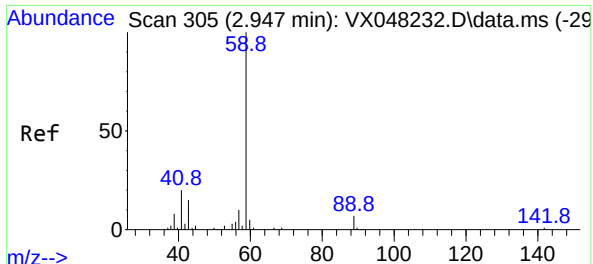
Tgt Ion:101 Resp: 136951
Ion Ratio Lower Upper
101 100
85 42.9 35.6 53.4
151 76.5 58.0 87.0



#10
Methyl Iodide
Concen: 115.192 ug/l
RT: 2.452 min Scan# 224
Delta R.T. -0.007 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:142 Resp: 183697
Ion Ratio Lower Upper
142 100
127 47.6 38.5 57.7
141 14.1 11.6 17.4

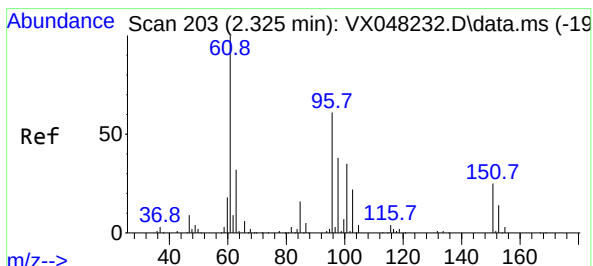
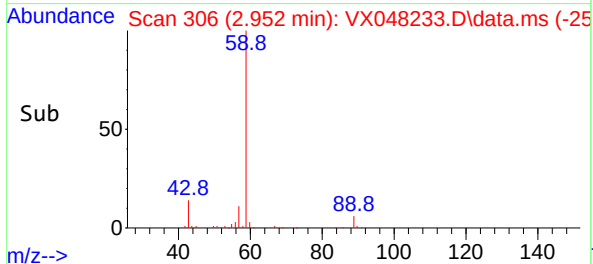
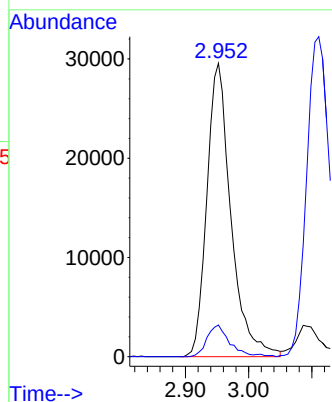
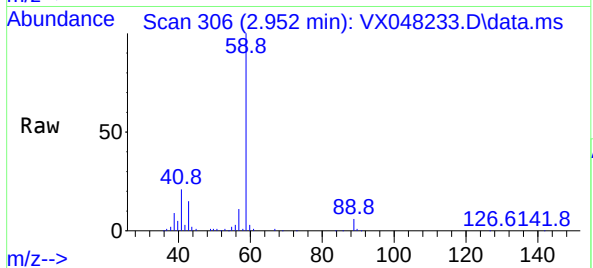




#11
Tert butyl alcohol
Concen: 478.391 ug/l
RT: 2.952 min Scan# 305
Delta R.T. 0.012 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

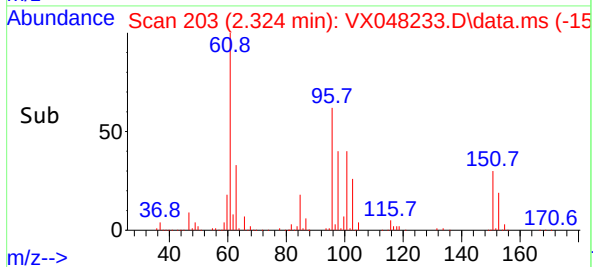
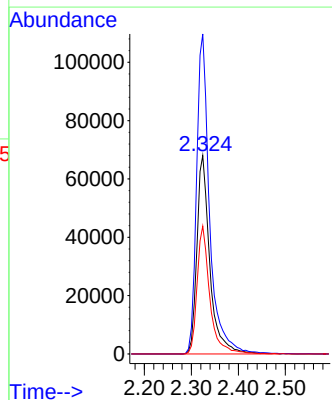
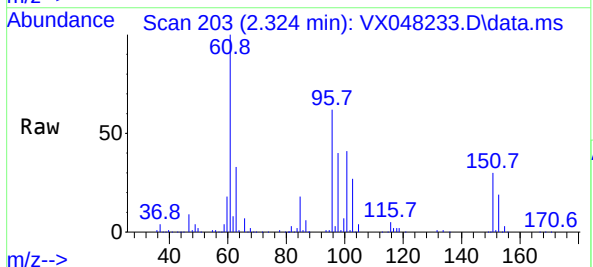
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

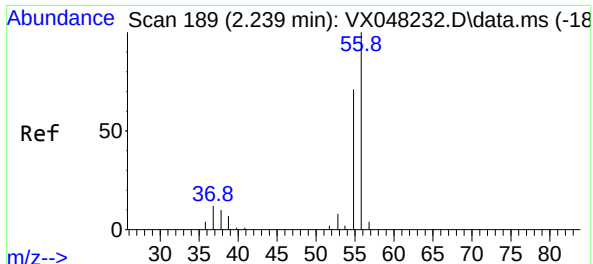
Tgt Ion: 59 Resp: 78284
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.4



#12
1,1-Dichloroethene
Concen: 106.271 ug/l
RT: 2.324 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 96 Resp: 131152
Ion Ratio Lower Upper
96 100
61 161.2 139.0 208.6
98 64.4 52.4 78.6

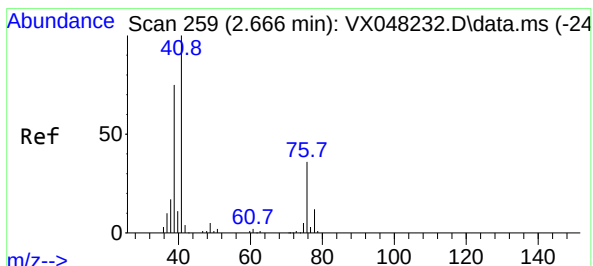
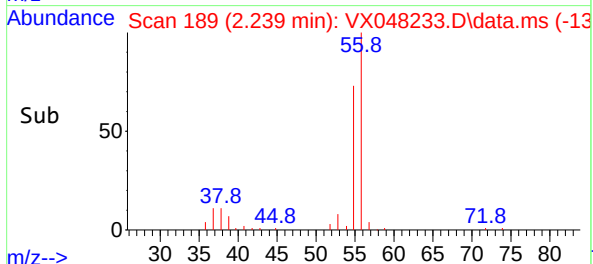
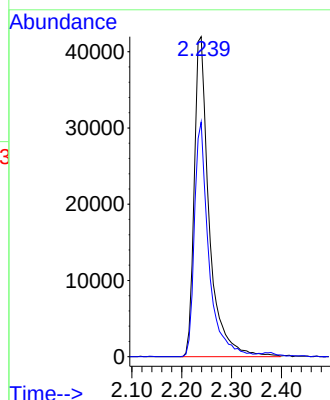
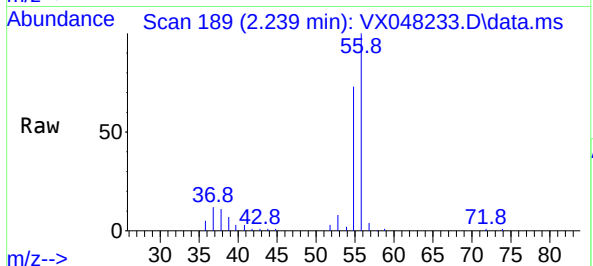




#13
Acrolein
Concen: 522.748 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

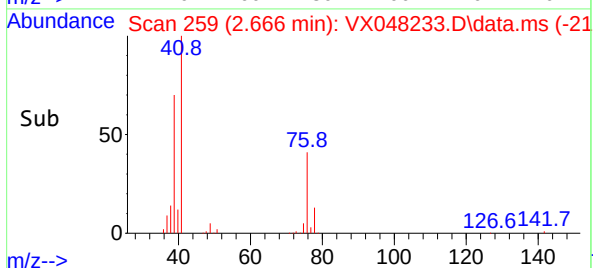
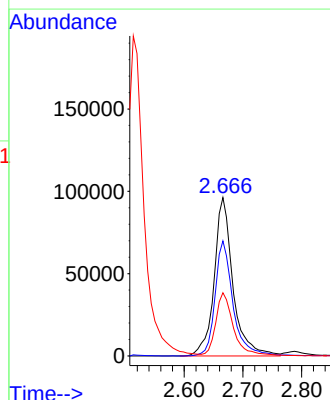
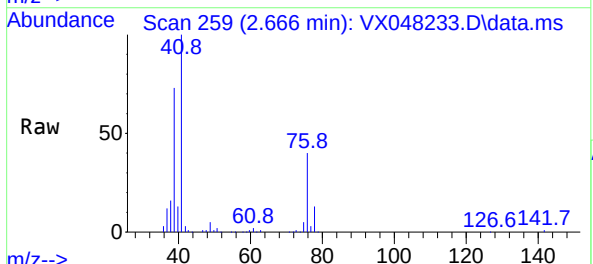
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

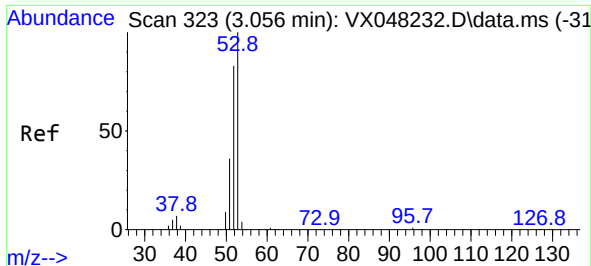
Tgt Ion: 56 Resp: 87244
Ion Ratio Lower Upper
56 100
55 70.2 56.1 84.1



#14
Allyl chloride
Concen: 104.584 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 41 Resp: 214290
Ion Ratio Lower Upper
41 100
39 69.5 56.0 84.0
76 37.6 27.5 41.3

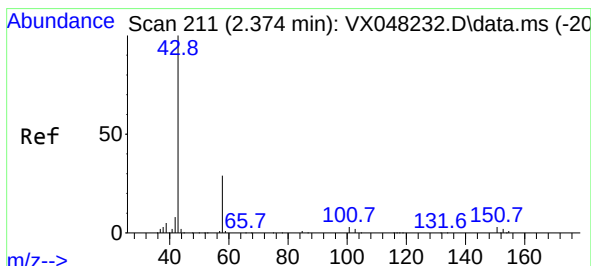
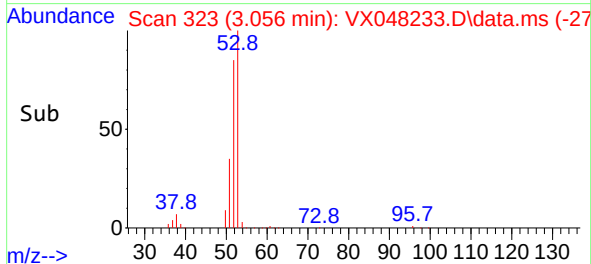
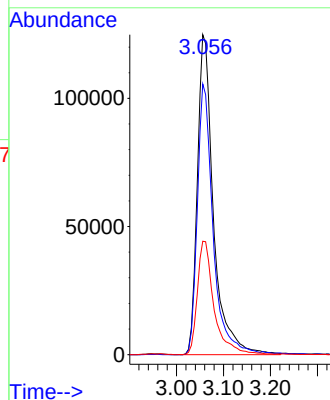
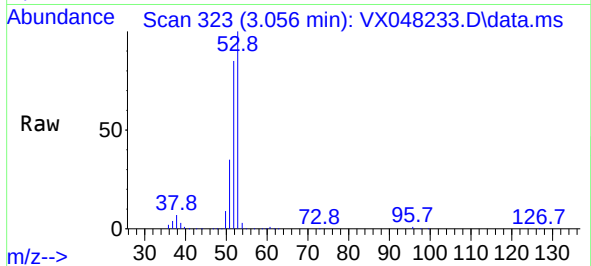




#15
Acrylonitrile
Concen: 505.062 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

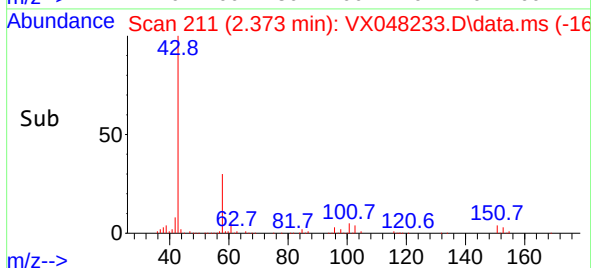
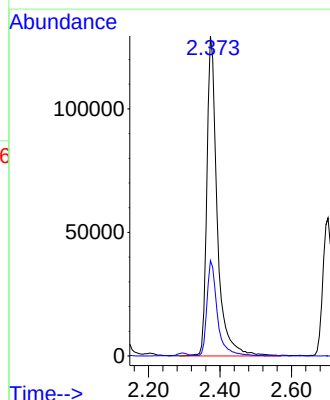
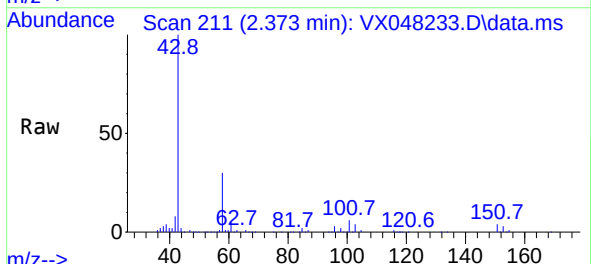
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

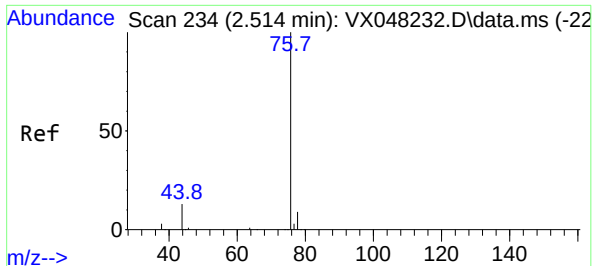
Tgt Ion: 53 Resp: 298022
Ion Ratio Lower Upper
53 100
52 82.7 66.1 99.1
51 37.0 29.0 43.4



#16
Acetone
Concen: 459.946 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 43 Resp: 260058
Ion Ratio Lower Upper
43 100
58 29.8 23.4 35.2

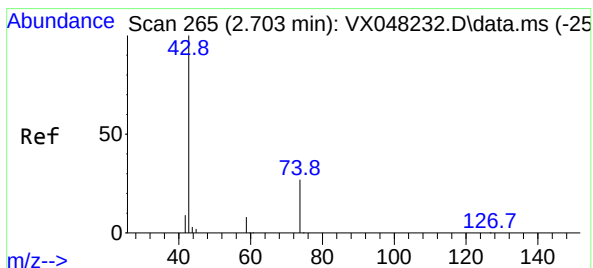
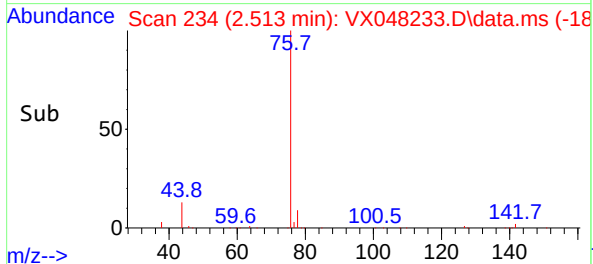
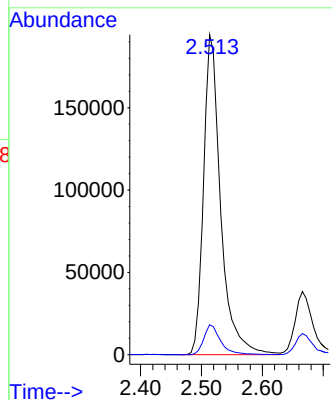
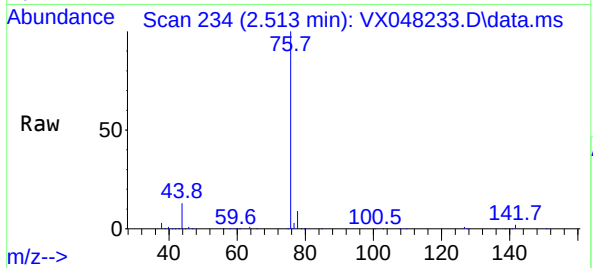




#17
Carbon Disulfide
Concen: 97.731 ug/l
RT: 2.513 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

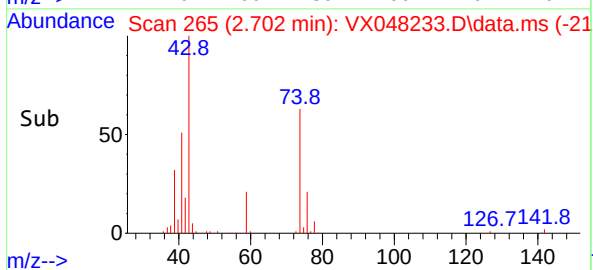
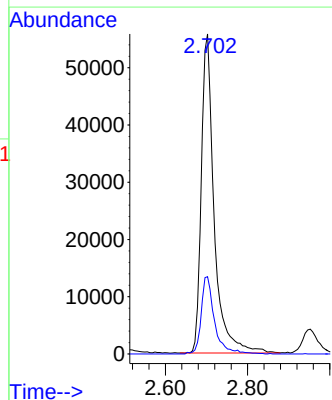
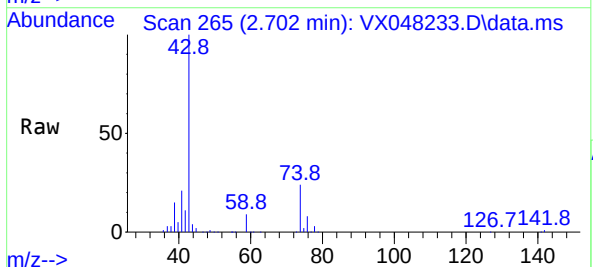
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

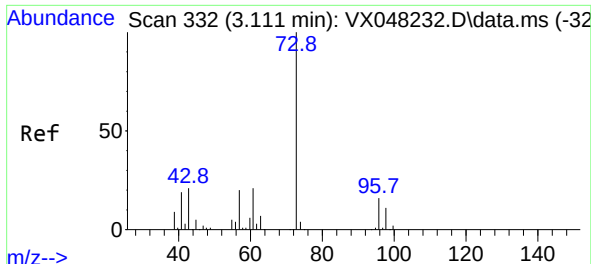
Tgt Ion: 76 Resp: 380127
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



#18
Methyl Acetate
Concen: 102.405 ug/l
RT: 2.702 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 43 Resp: 120920
Ion Ratio Lower Upper
43 100
74 25.0 17.5 26.3

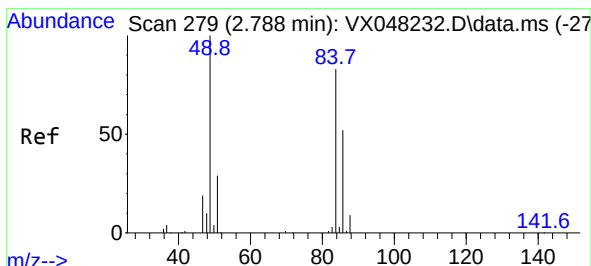
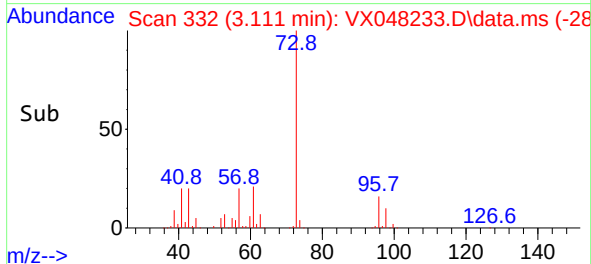
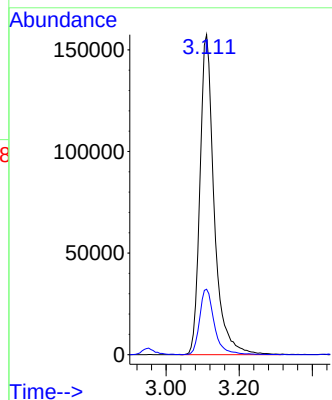
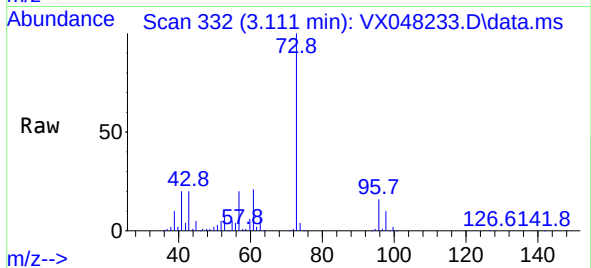




#19
Methyl tert-butyl Ether
Concen: 101.480 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

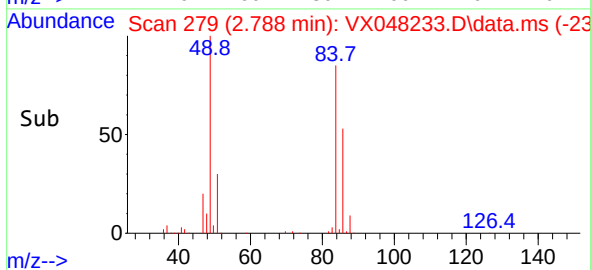
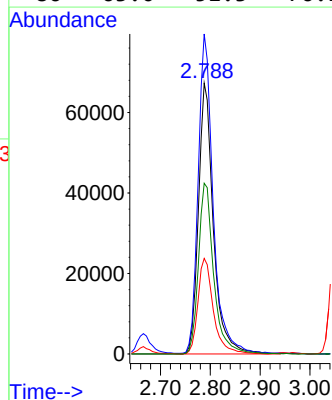
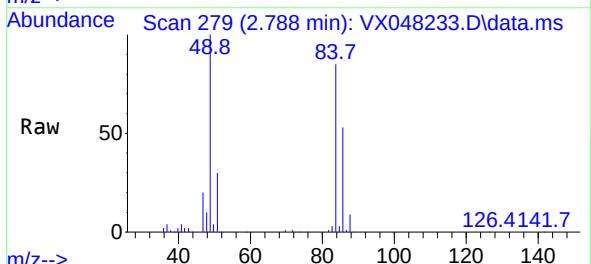
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

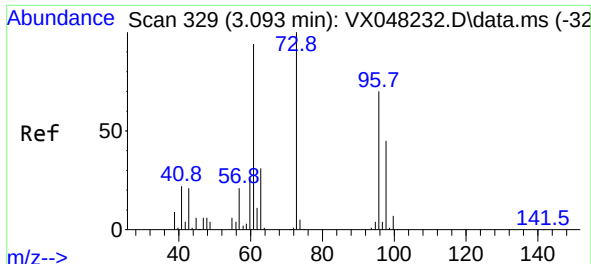
Tgt Ion: 73 Resp: 427254
Ion Ratio Lower Upper
73 100
57 20.5 17.7 26.5



#20
Methylene Chloride
Concen: 101.850 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 84 Resp: 140317
Ion Ratio Lower Upper
84 100
49 117.9 104.1 156.1
51 35.3 31.3 46.9
86 63.0 51.3 76.9

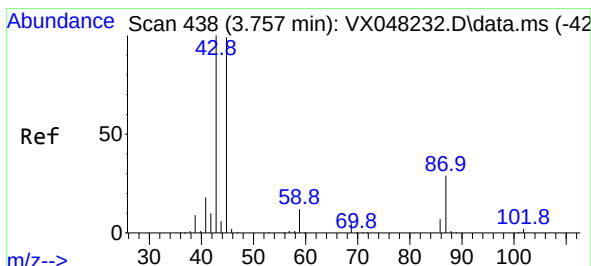
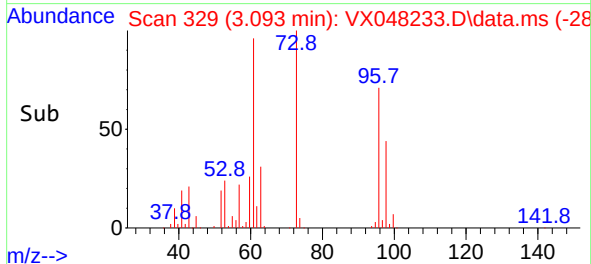
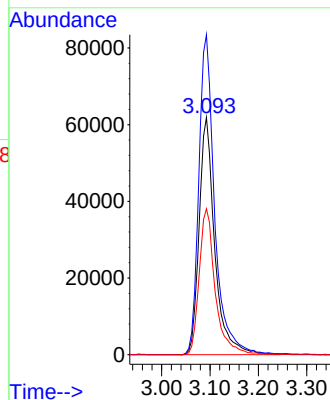
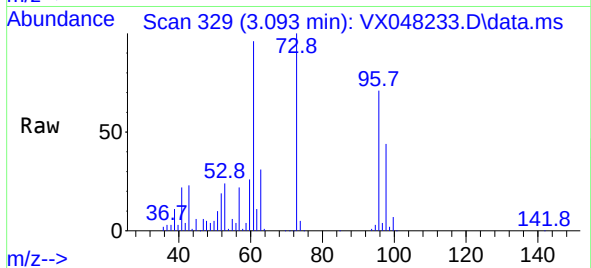




#21
trans-1,2-Dichloroethene
Concen: 102.594 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

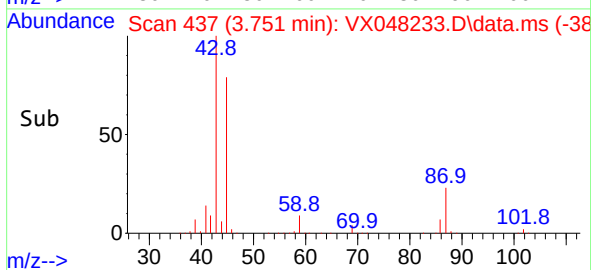
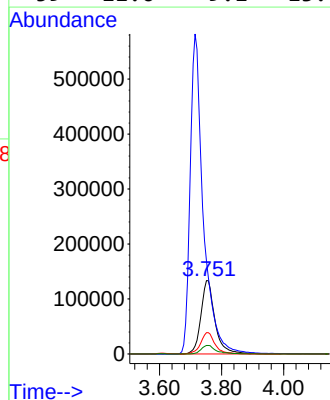
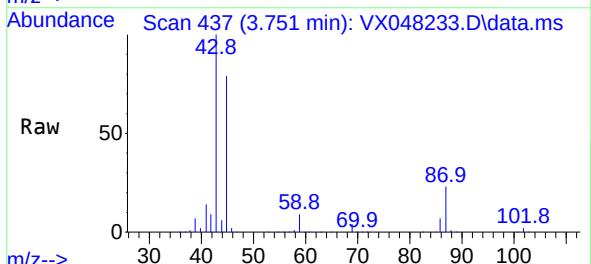
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

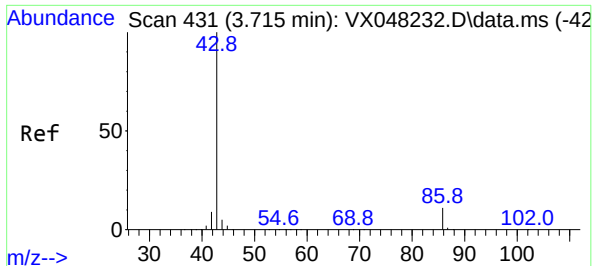
Tgt Ion: 96 Resp: 139080
Ion Ratio Lower Upper
96 100
61 134.9 111.9 167.9
98 61.5 51.2 76.8



#22
Diisopropyl ether
Concen: 102.802 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 45 Resp: 420126
Ion Ratio Lower Upper
45 100
43 126.6 89.8 134.8
87 29.0 20.6 31.0
59 11.6 9.1 13.7

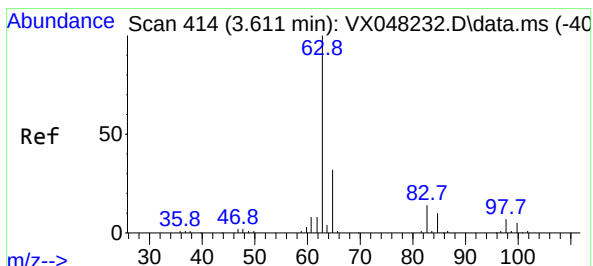
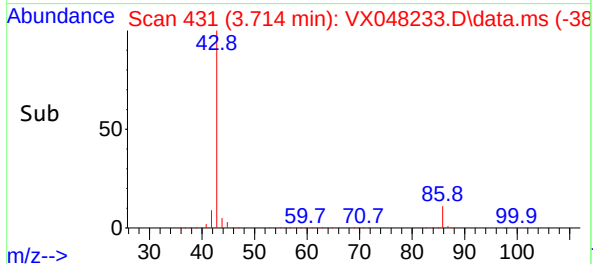
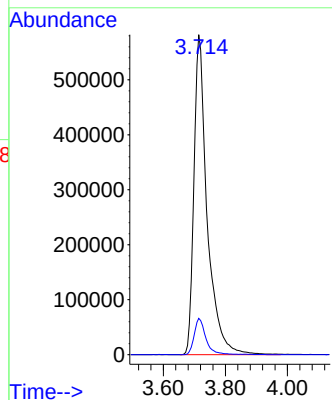
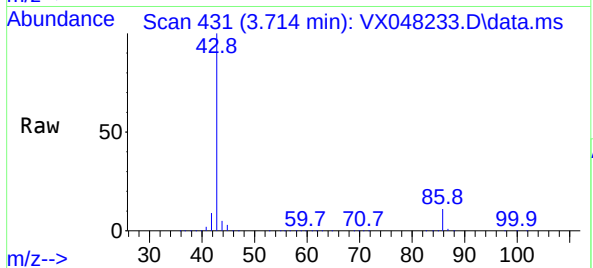




#23
 Vinyl Acetate
 Concen: 527.850 ug/l
 RT: 3.714 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

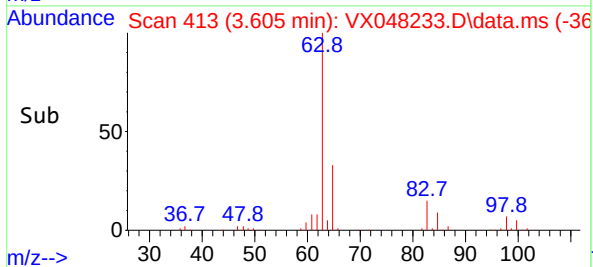
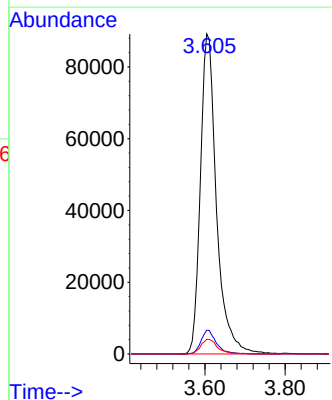
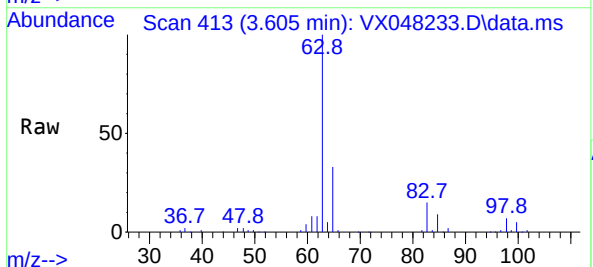
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

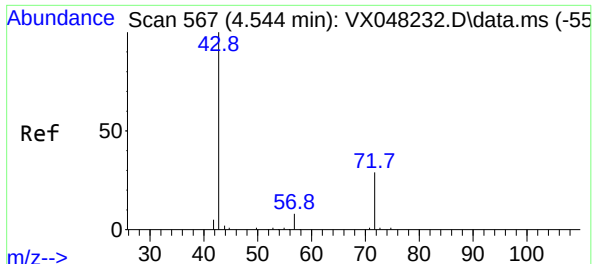
Tgt Ion: 43 Resp: 1723170
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 100.417 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

Tgt Ion: 63 Resp: 248141
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.6
 100 4.6 2.1 6.3





#25

2-Butanone

Concen: 494.285 ug/l

RT: 4.543 min Scan# 5

Delta R.T. 0.006 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

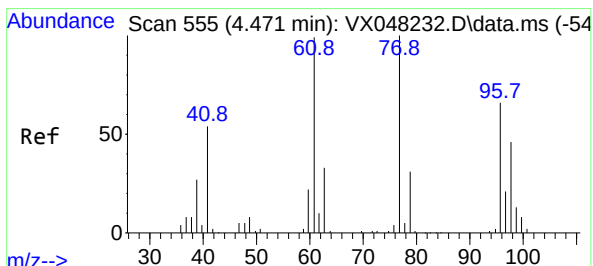
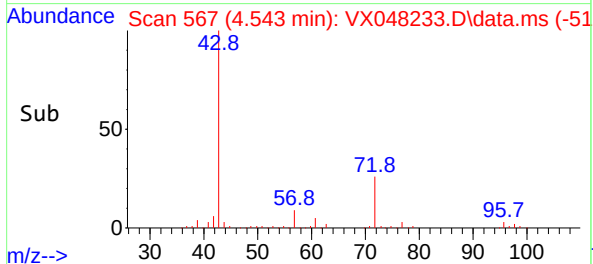
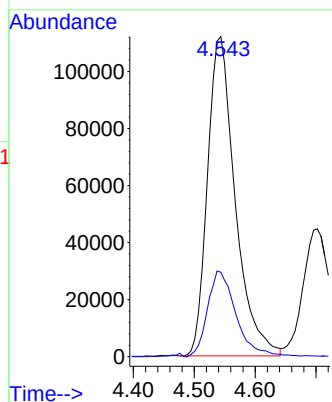
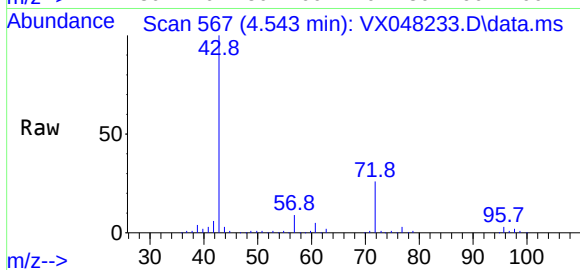
VSTDICC100

Tgt Ion: 43 Resp: 353741

Ion Ratio Lower Upper

43 100

72 25.8 19.9 29.9



#26

2,2-Dichloropropane

Concen: 102.510 ug/l

RT: 4.470 min Scan# 555

Delta R.T. 0.006 min

Lab File: VX048233.D

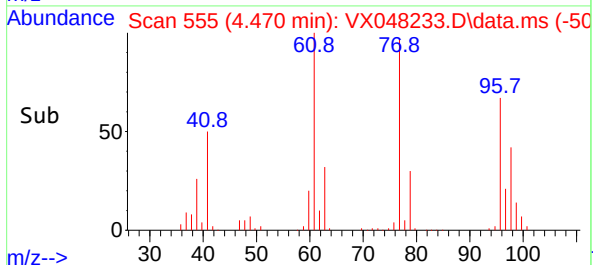
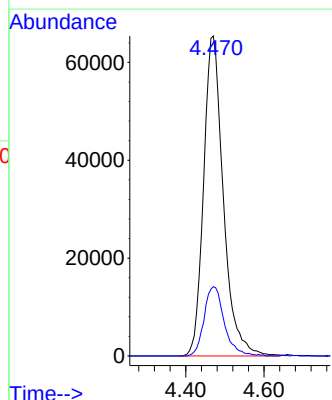
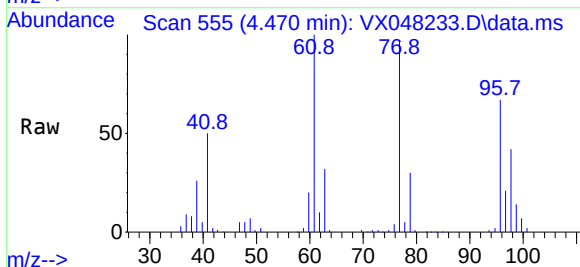
Acq: 20 Oct 2025 12:22

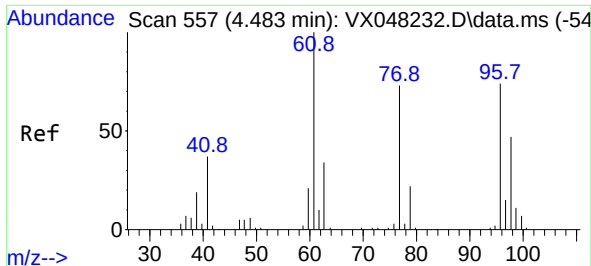
Tgt Ion: 77 Resp: 228643

Ion Ratio Lower Upper

77 100

97 22.2 11.1 33.3

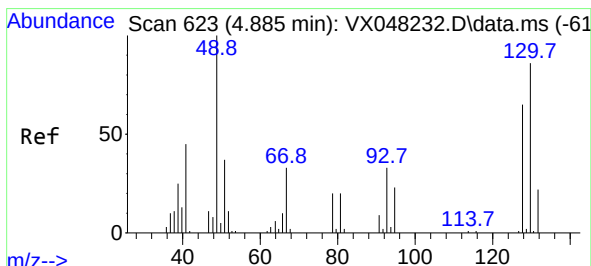
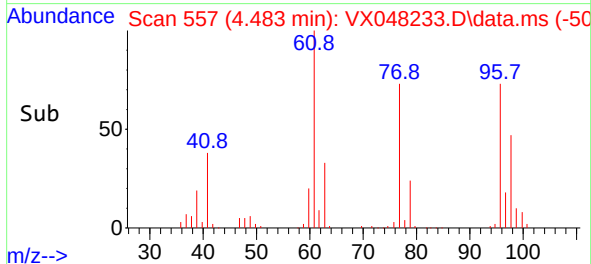
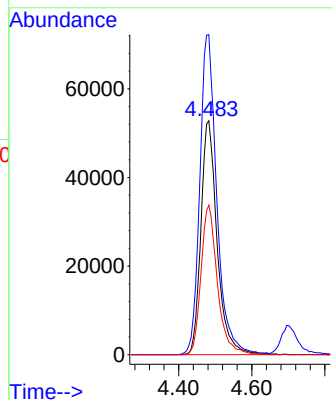
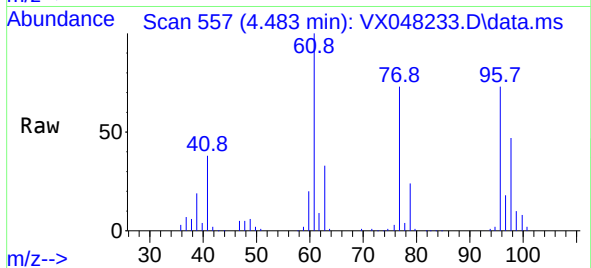




#27
cis-1,2-Dichloroethene
Concen: 103.308 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

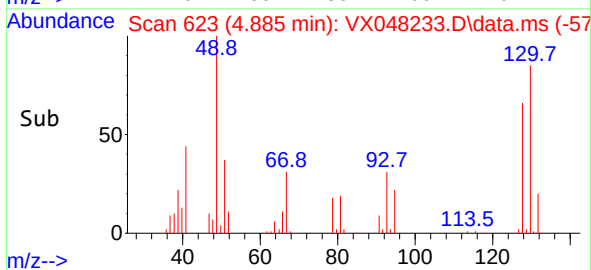
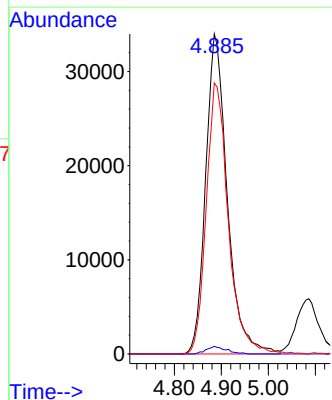
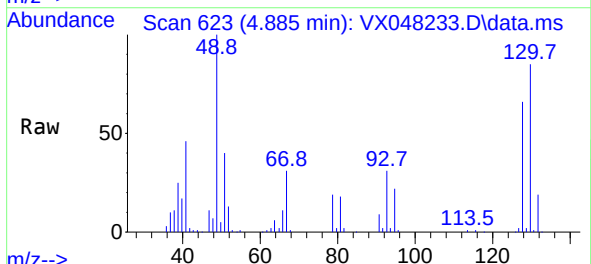
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

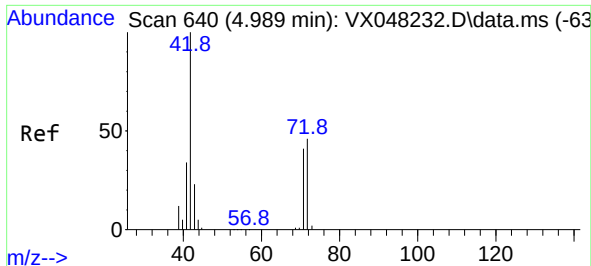
Tgt Ion: 96 Resp: 163444
Ion Ratio Lower Upper
96 100
61 143.1 0.0 294.2
98 64.3 0.0 128.4



#28
Bromochloromethane
Concen: 105.928 ug/l
RT: 4.885 min Scan# 623
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 49 Resp: 108536
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.4
130 86.4 59.3 88.9





#29

Tetrahydrofuran

Concen: 505.219 ug/l

RT: 4.989 min Scan# 640

Delta R.T. -0.000 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

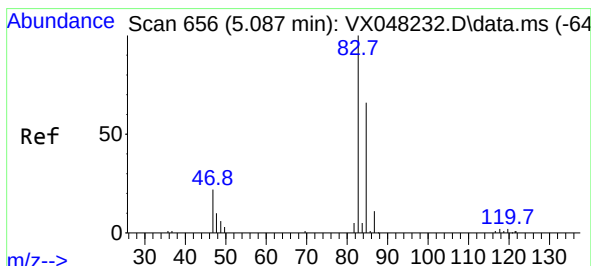
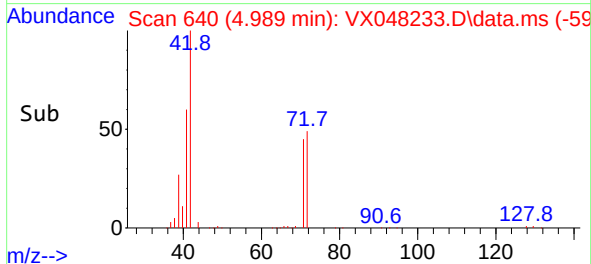
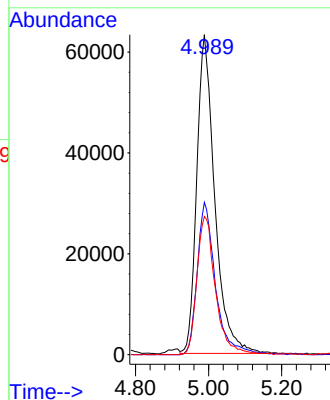
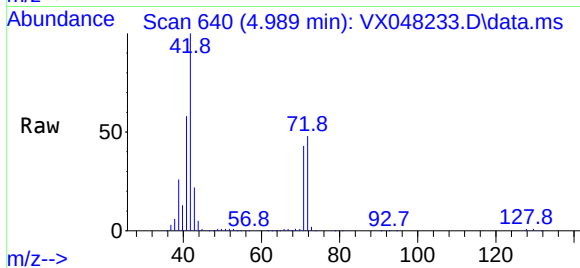
Tgt Ion: 42 Resp: 216543

Ion Ratio Lower Upper

42 100

72 48.6 35.3 52.9

71 44.5 32.2 48.4



#30

Chloroform

Concen: 100.362 ug/l

RT: 5.080 min Scan# 655

Delta R.T. -0.000 min

Lab File: VX048233.D

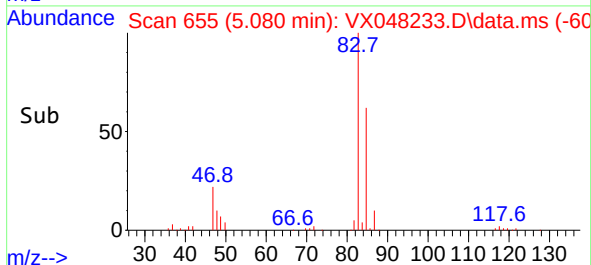
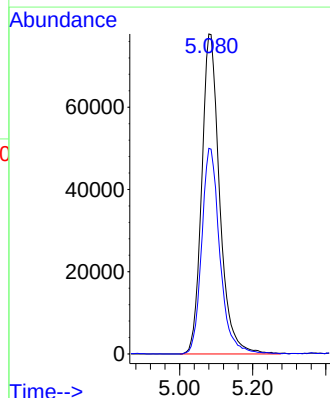
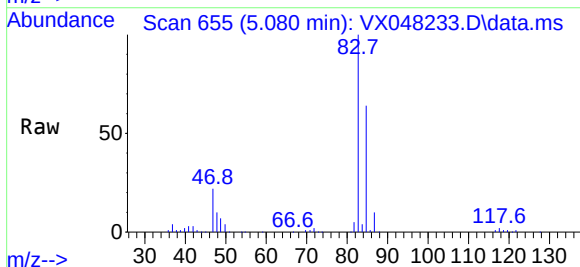
Acq: 20 Oct 2025 12:22

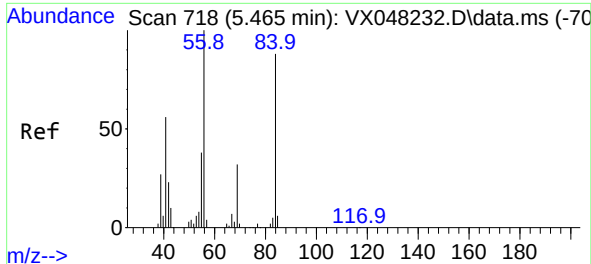
Tgt Ion: 83 Resp: 264966

Ion Ratio Lower Upper

83 100

85 64.3 50.1 75.1



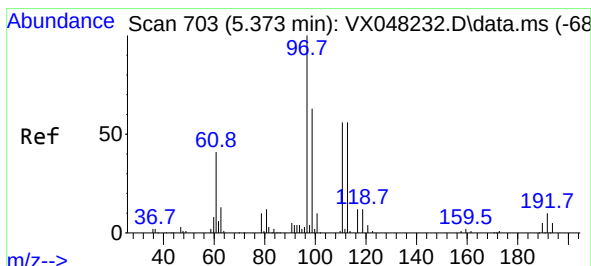
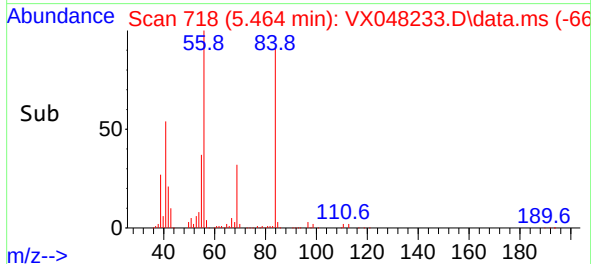
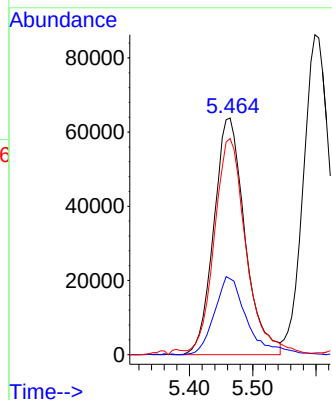
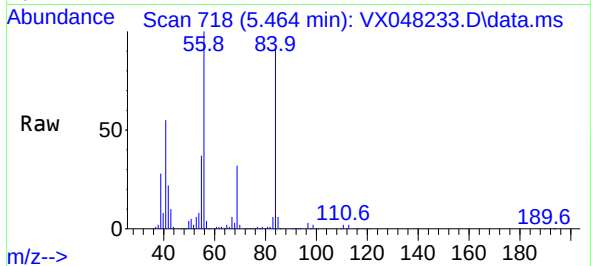


#31
Cyclohexane
Concen: 106.419 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 56 Resp: 217717

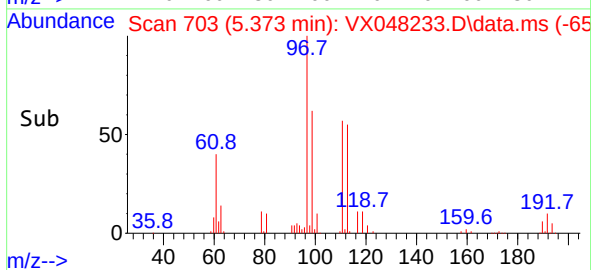
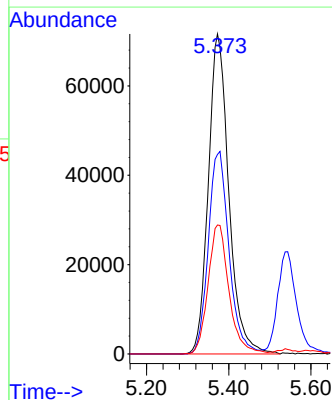
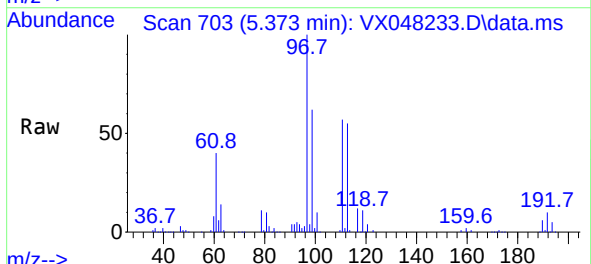
Ion	Ratio	Lower	Upper
56	100		
69	32.1	23.0	34.6
84	89.2	64.6	97.0

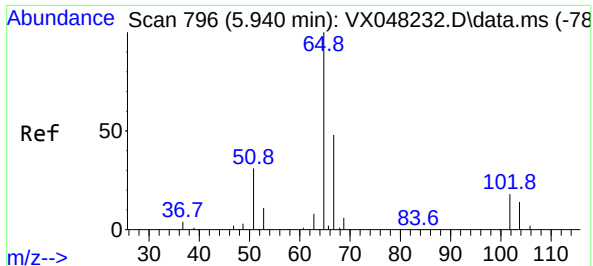


#32
1,1,1-Trichloroethane
Concen: 101.932 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 97 Resp: 248018

Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.7	77.5
61	41.2	34.8	52.2





#33

1,2-Dichloroethane-d4

Concen: 98.406 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

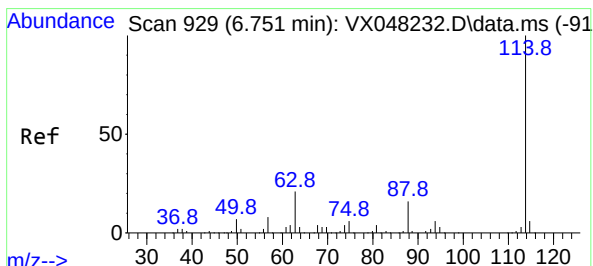
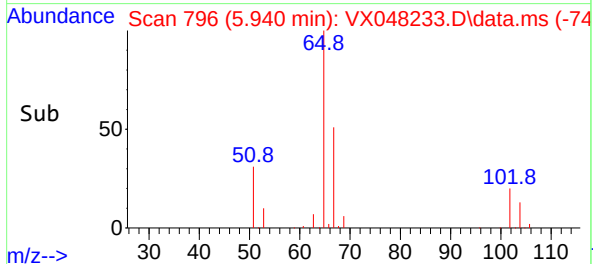
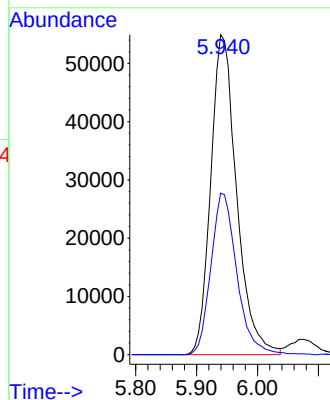
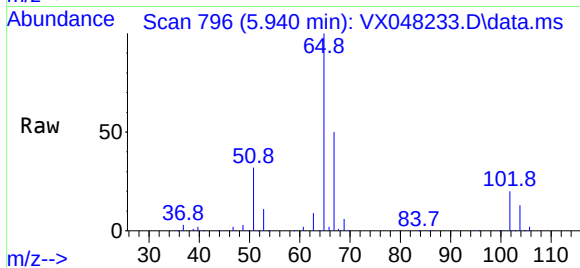
VSTDIC100

Tgt Ion: 65 Resp: 162188

Ion Ratio Lower Upper

65 100

67 50.6 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.750 min Scan# 929

Delta R.T. 0.005 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

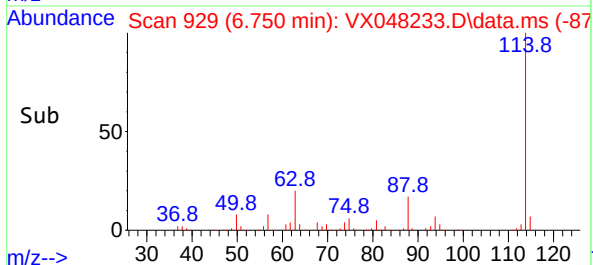
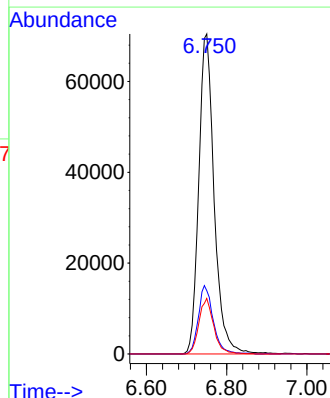
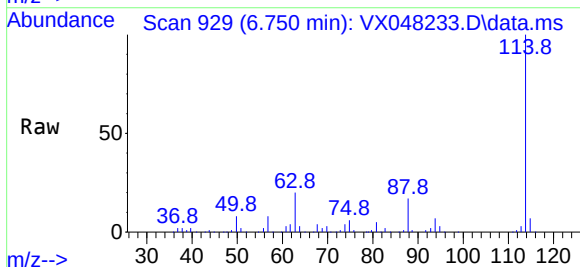
Tgt Ion: 114 Resp: 187766

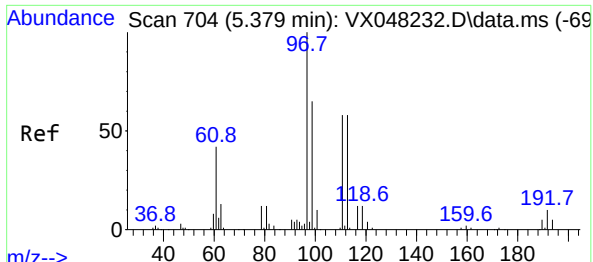
Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

88 17.3 0.0 33.6

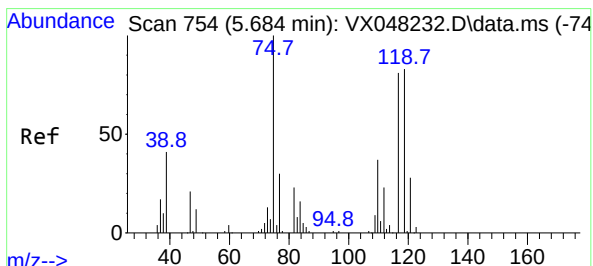
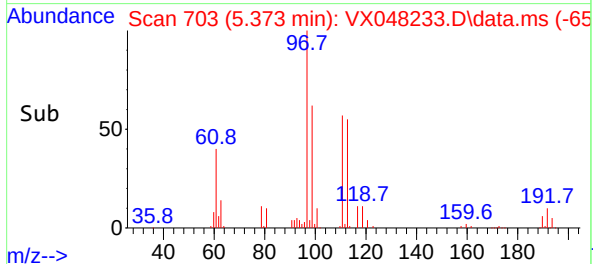
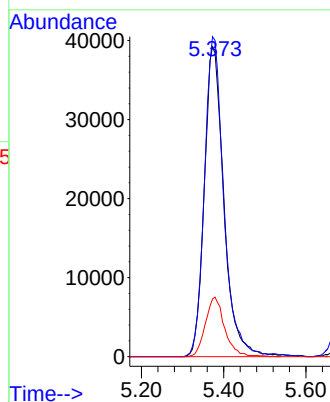
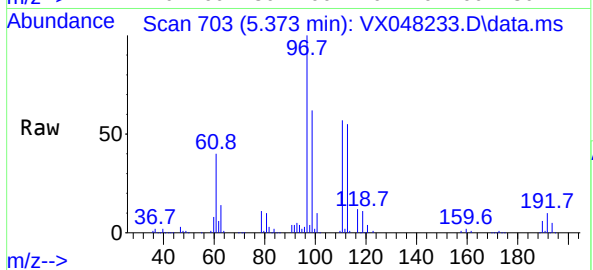




#35
Dibromofluoromethane
Concen: 101.351 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

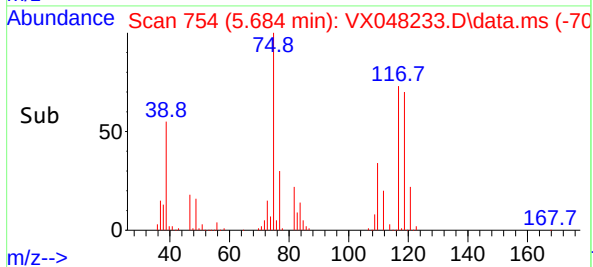
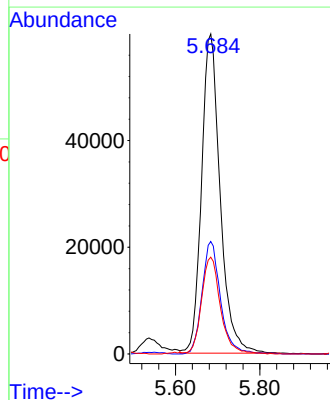
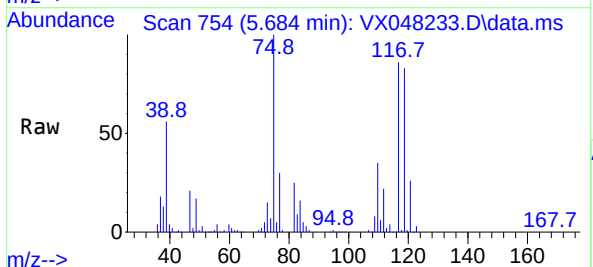
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

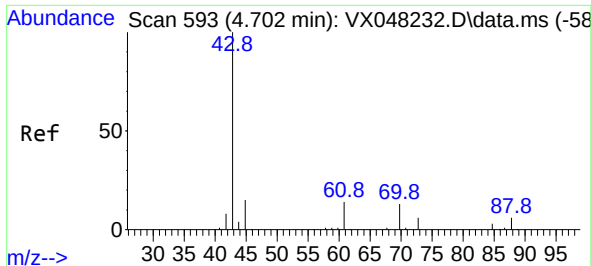
Tgt Ion:113 Resp: 129919
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.4
192 19.0 15.1 22.7



#36
1,1-Dichloropropene
Concen: 100.953 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 75 Resp: 183932
Ion Ratio Lower Upper
75 100
110 35.1 17.7 53.1
77 30.9 24.3 36.5



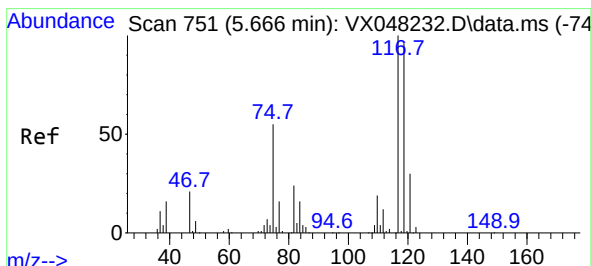
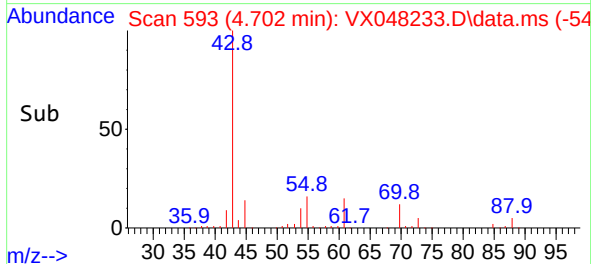
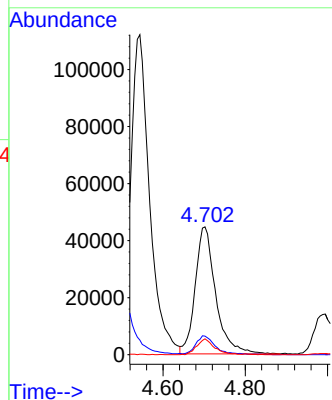
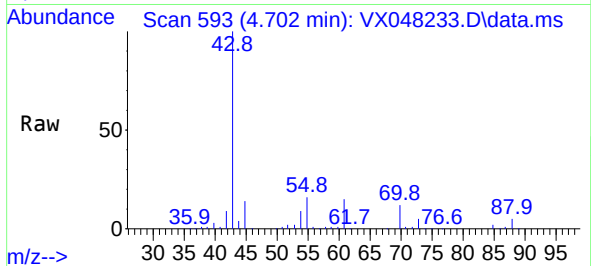


#37
Ethyl Acetate
Concen: 101.872 ug/l
RT: 4.702 min Scan# 593
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 153844

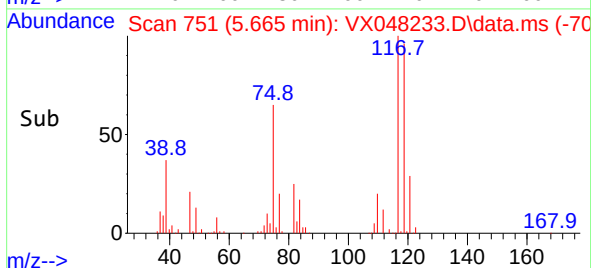
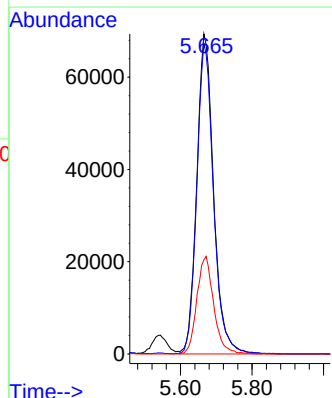
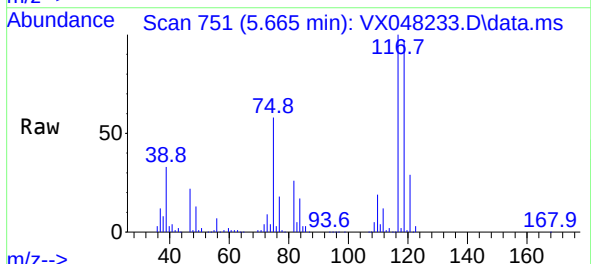
Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.6	15.8
70	10.7	7.8	11.6

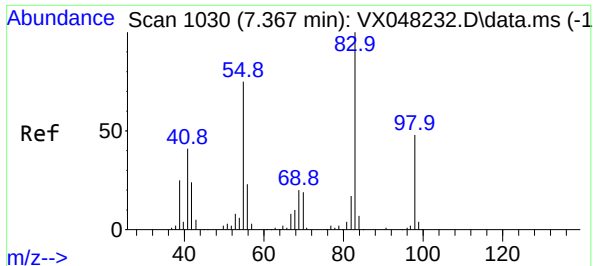


#38
Carbon Tetrachloride
Concen: 100.976 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 117 Resp: 226976

Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.2	115.8
121	29.4	24.8	37.2

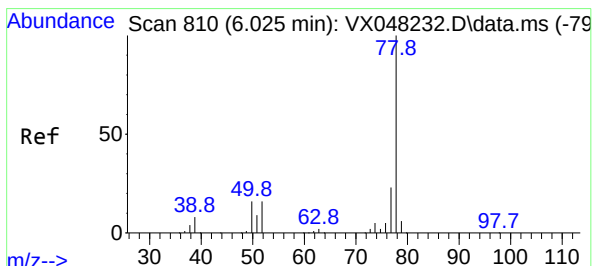
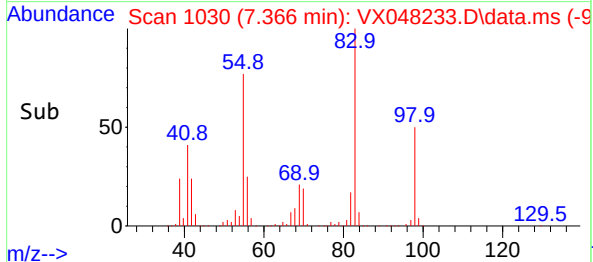
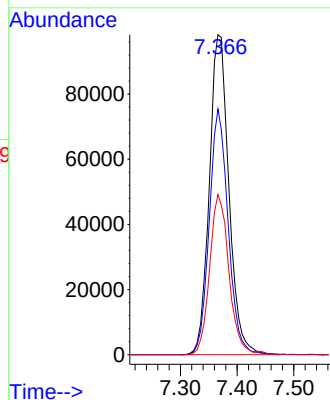
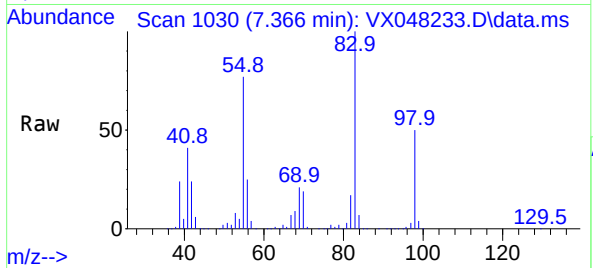




#39
Methylcyclohexane
Concen: 109.312 ug/l
RT: 7.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

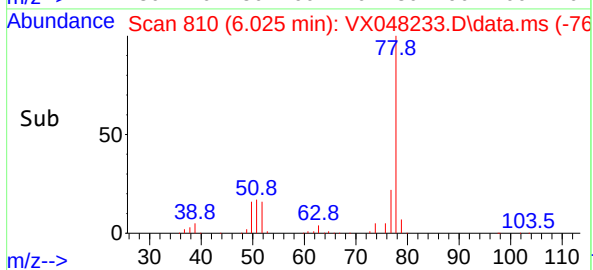
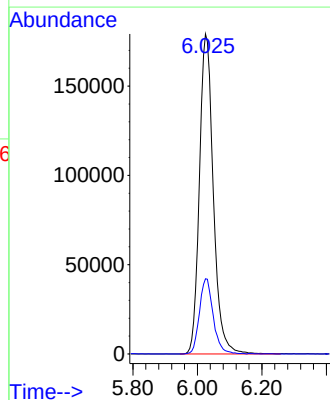
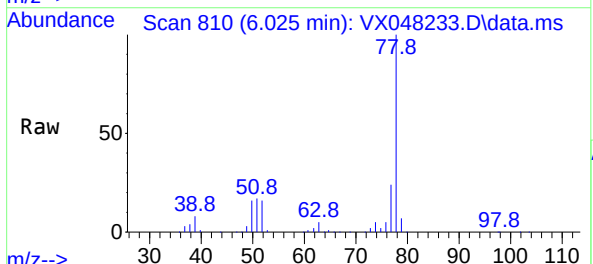
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

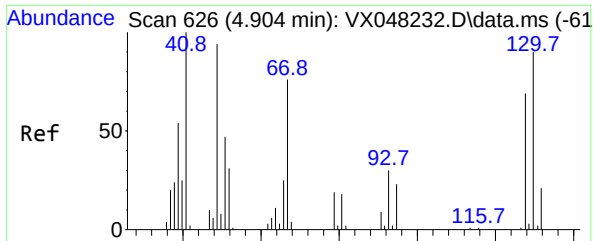
Tgt Ion: 83 Resp: 235208
Ion Ratio Lower Upper
83 100
55 76.8 66.2 99.2
98 50.0 38.9 58.3



#40
Benzene
Concen: 101.216 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

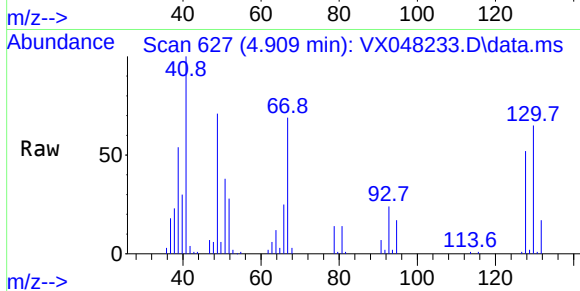
Tgt Ion: 78 Resp: 535407
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9



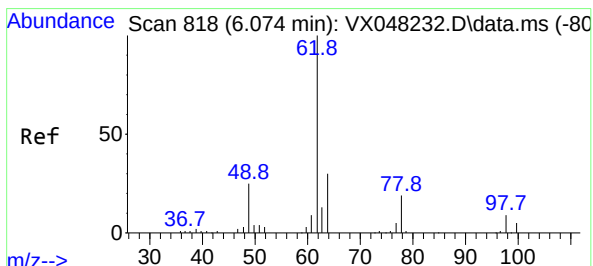
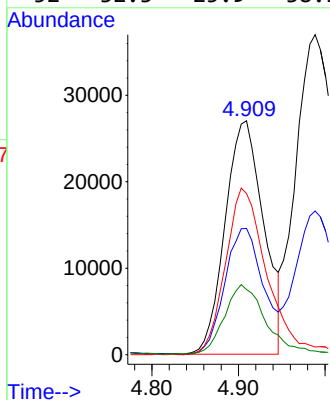
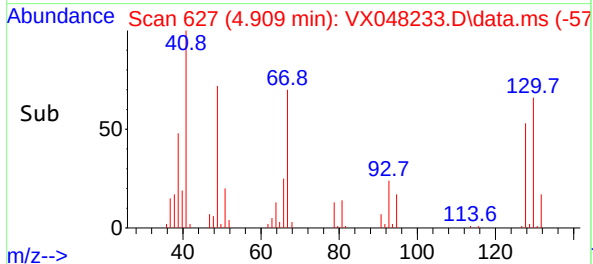


#41
Methacrylonitrile
Concen: 105.653 ug/l
RT: 4.909 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

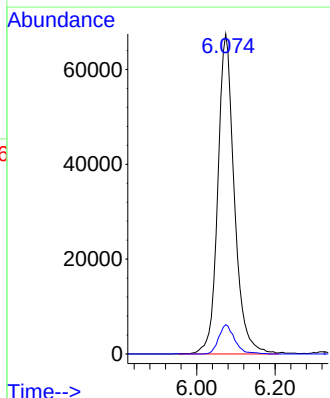
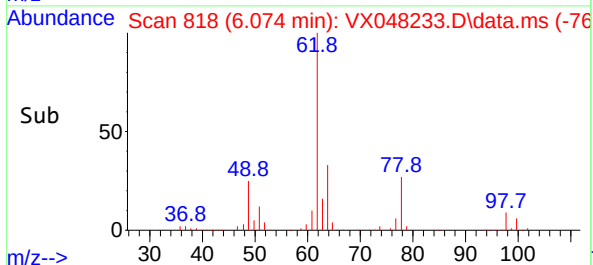
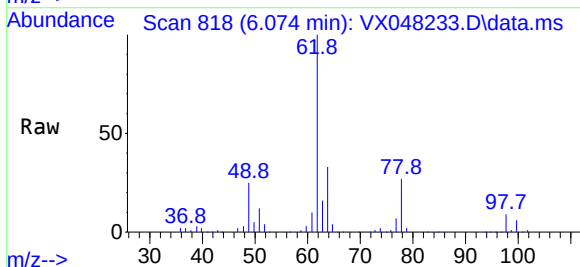


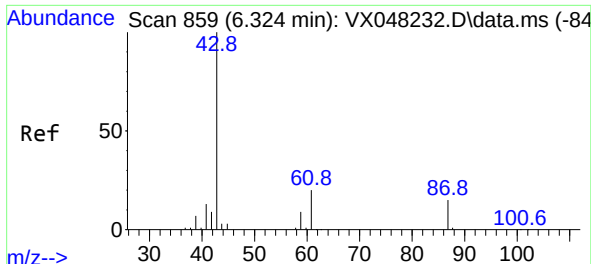
Tgt Ion: 41 Resp: 83790
Ion Ratio Lower Upper
41 100
39 54.4 44.0 66.0
67 77.7 58.7 88.1
52 32.3 25.9 38.9



#42
1,2-Dichloroethane
Concen: 101.616 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 62 Resp: 198348
Ion Ratio Lower Upper
62 100
98 8.8 0.0 17.2

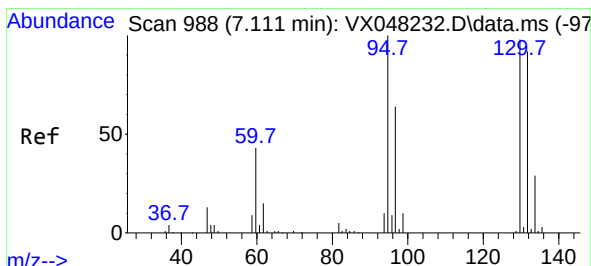
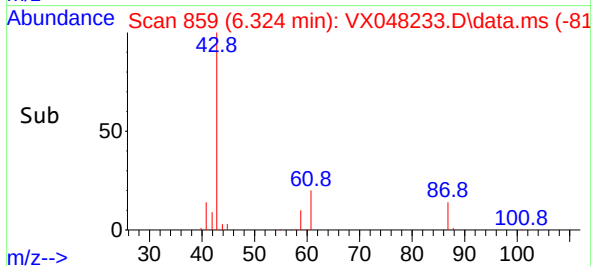
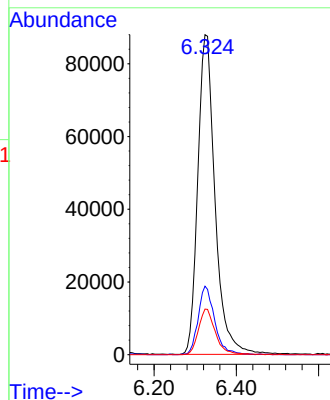
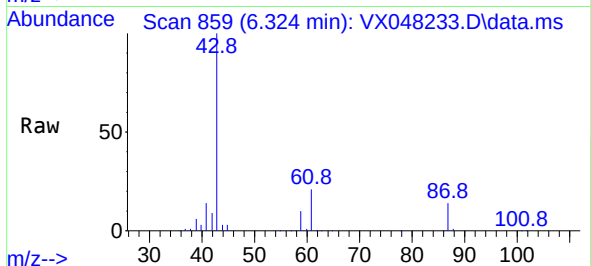




#43
Isopropyl Acetate
Concen: 103.227 ug/l
RT: 6.324 min Scan# 859
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

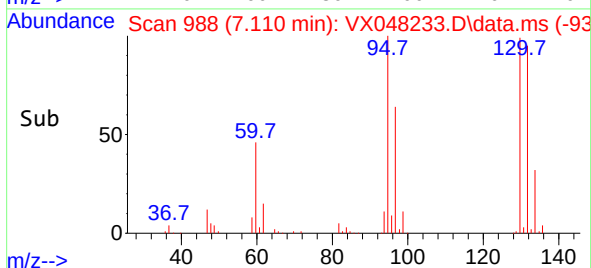
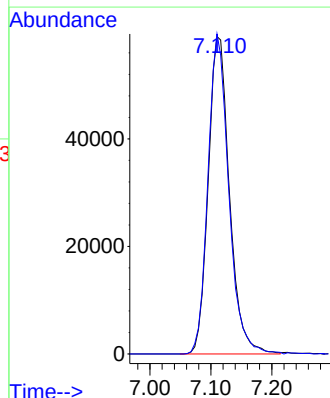
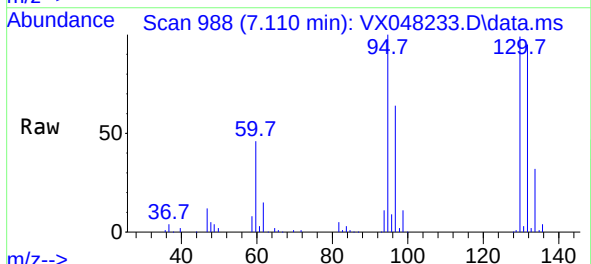
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

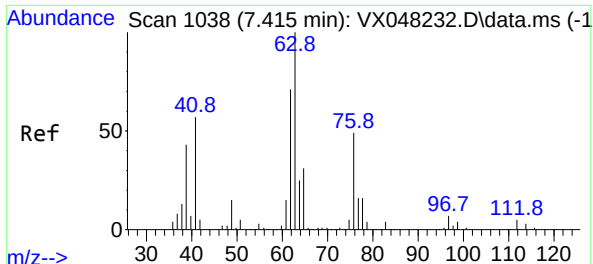
Tgt Ion: 43 Resp: 256067
Ion Ratio Lower Upper
43 100
61 20.5 14.9 22.3
87 14.0 9.4 14.2



#44
Trichloroethene
Concen: 102.221 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:130 Resp: 142779
Ion Ratio Lower Upper
130 100
95 100.8 0.0 200.6





#45

1,2-Dichloropropane

Concen: 103.516 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

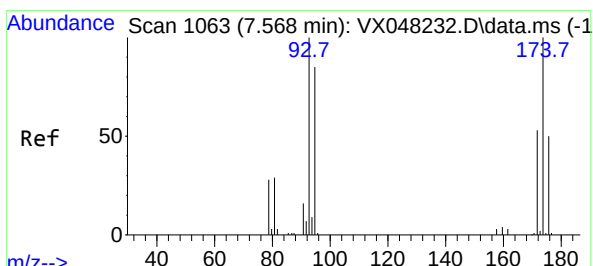
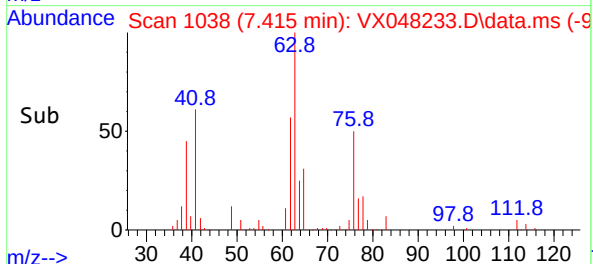
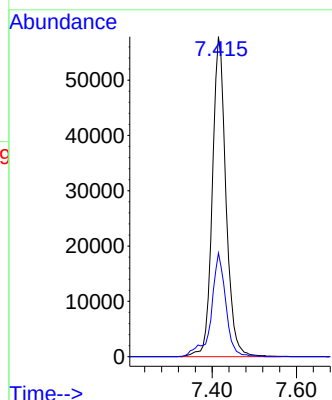
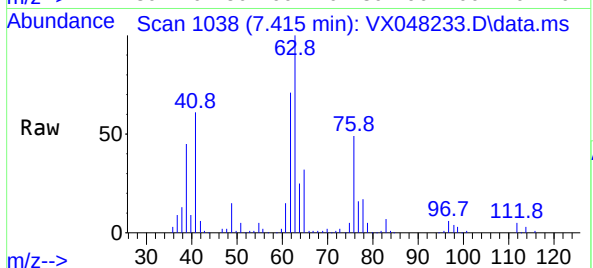
VSTDIC100

Tgt Ion: 63 Resp: 130188

Ion Ratio Lower Upper

63 100

65 32.4 24.1 36.1



#46

Dibromomethane

Concen: 100.126 ug/l

RT: 7.567 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

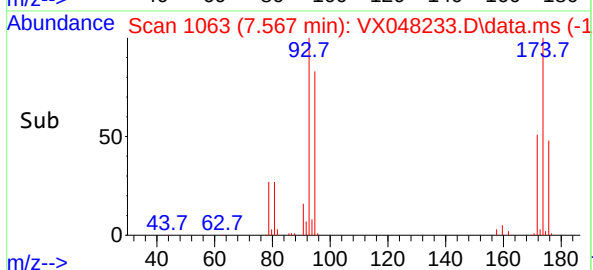
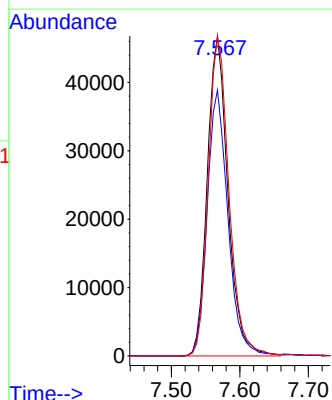
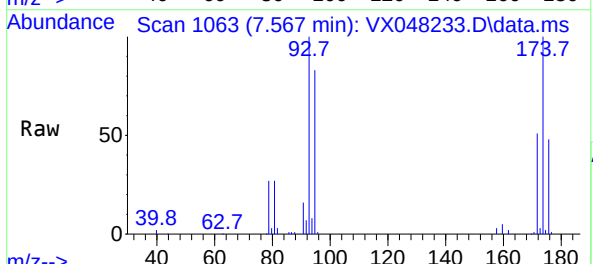
Tgt Ion: 93 Resp: 98105

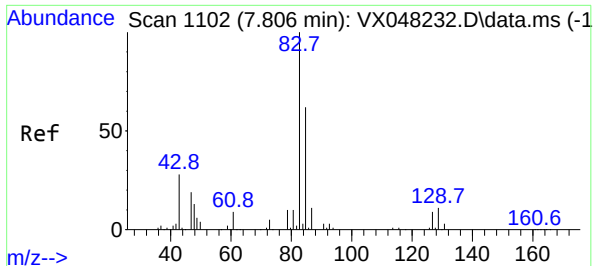
Ion Ratio Lower Upper

93 100

95 83.4 65.9 98.9

174 100.3 71.7 107.5

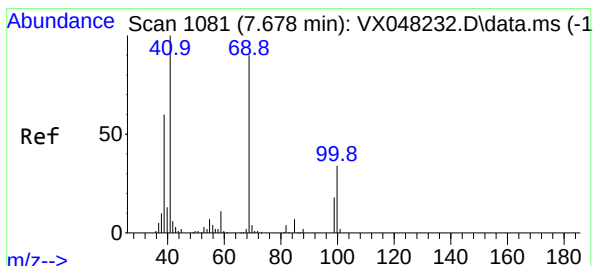
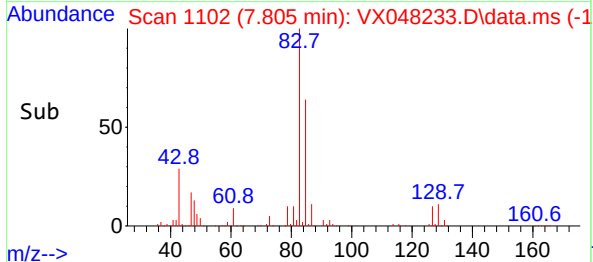
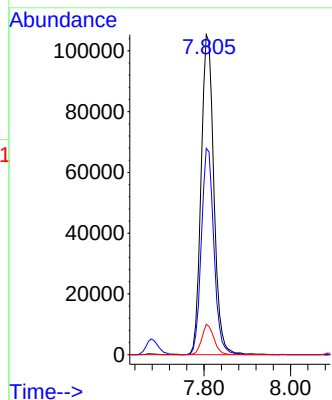
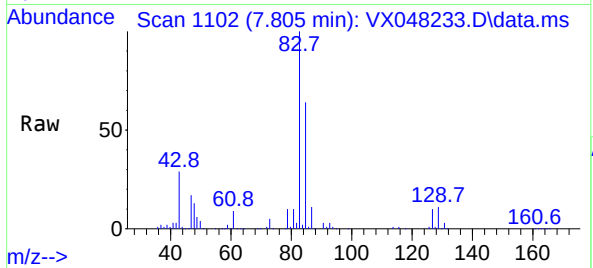




#47
Bromodichloromethane
Concen: 101.770 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

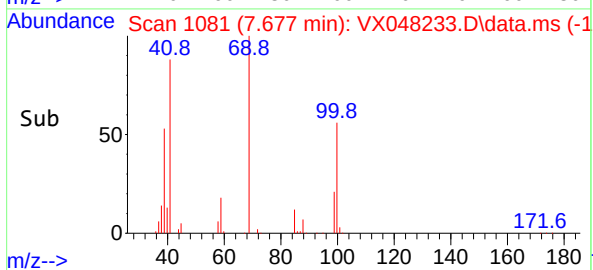
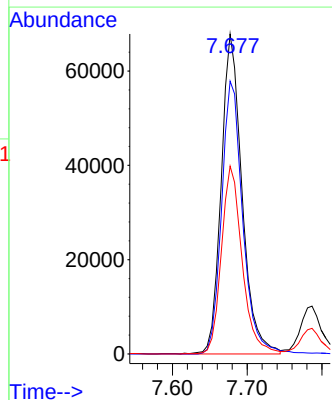
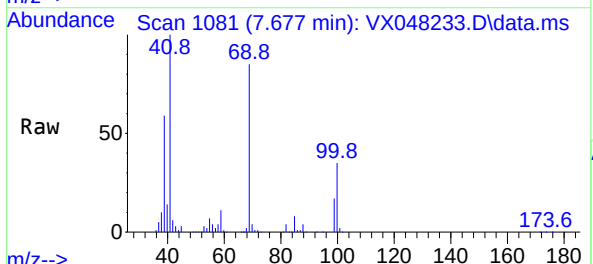
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

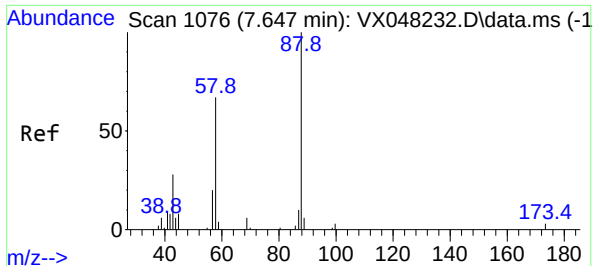
Tgt Ion: 83 Resp: 215302
Ion Ratio Lower Upper
83 100
85 64.4 52.2 78.4
127 9.5 7.3 10.9



#48
Methyl methacrylate
Concen: 105.017 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 41 Resp: 131454
Ion Ratio Lower Upper
41 100
69 86.8 63.4 95.0
39 58.7 47.1 70.7





#49

1,4-Dioxane

Concen: 2175.223 ug/l

RT: 7.647 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

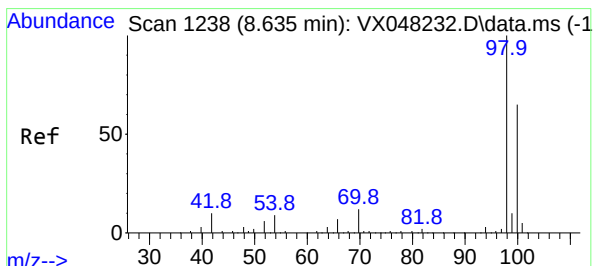
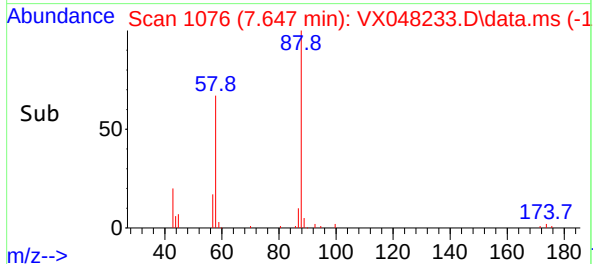
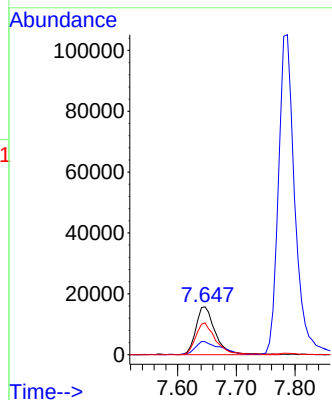
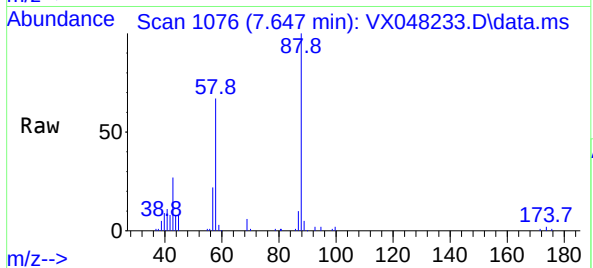
Tgt Ion: 88 Resp: 35972

Ion Ratio Lower Upper

88 100

43 36.6 35.0 52.4

58 68.4 61.9 92.9



#50

Toluene-d8

Concen: 99.920 ug/l

RT: 8.634 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX048233.D

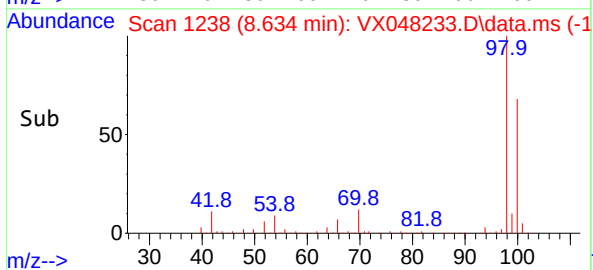
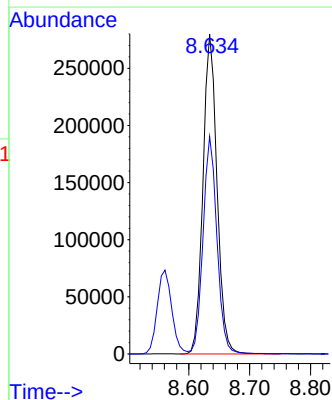
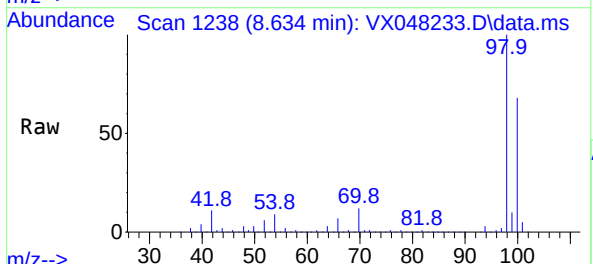
Acq: 20 Oct 2025 12:22

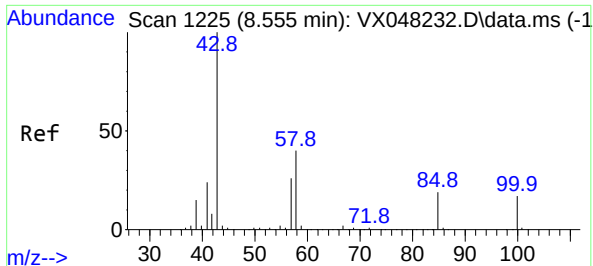
Tgt Ion: 98 Resp: 448948

Ion Ratio Lower Upper

98 100

100 67.3 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 504.097 ug/l

RT: 8.561 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

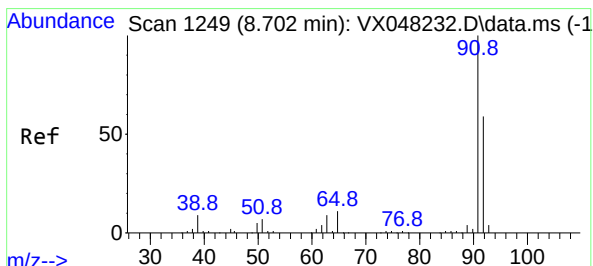
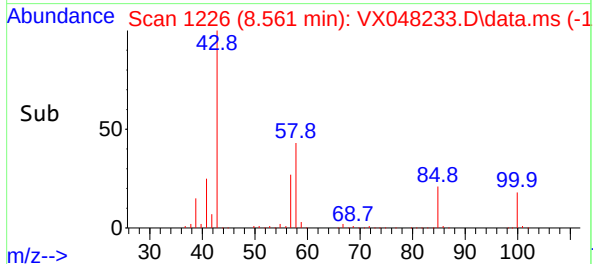
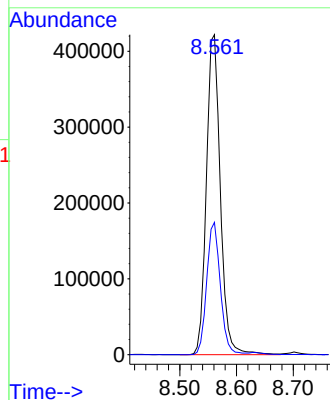
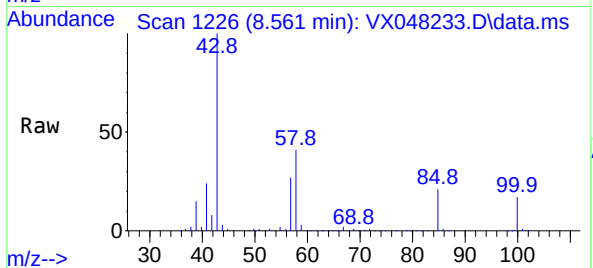
VSTDICC100

Tgt Ion: 43 Resp: 720980

Ion Ratio Lower Upper

43 100

58 40.4 29.5 44.3



#52

Toluene

Concen: 101.651 ug/l

RT: 8.701 min Scan# 1249

Delta R.T. -0.000 min

Lab File: VX048233.D

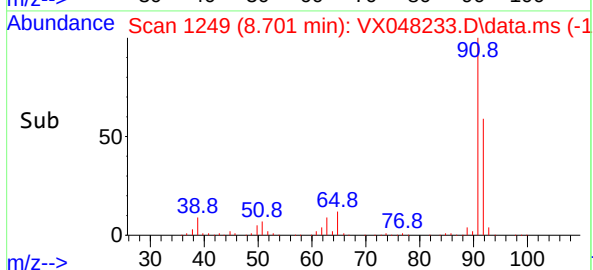
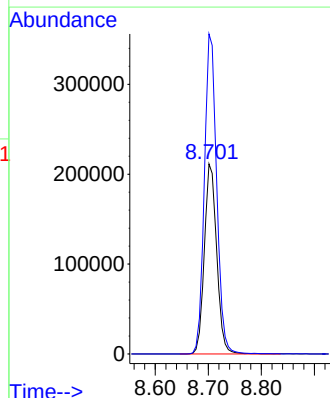
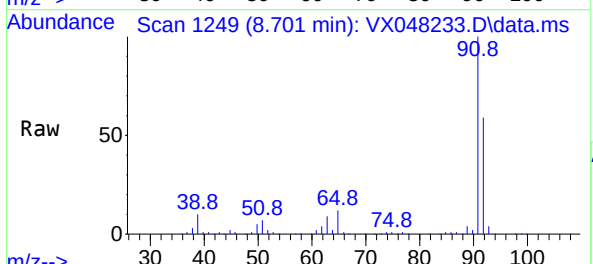
Acq: 20 Oct 2025 12:22

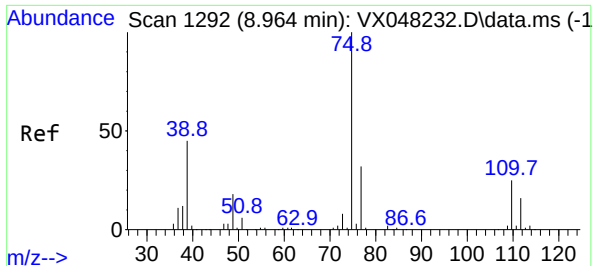
Tgt Ion: 92 Resp: 341597

Ion Ratio Lower Upper

92 100

91 168.2 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 105.820 ug/l

RT: 8.963 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

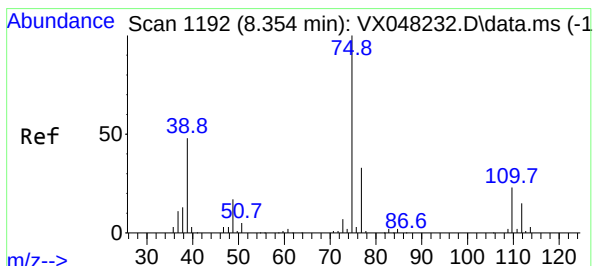
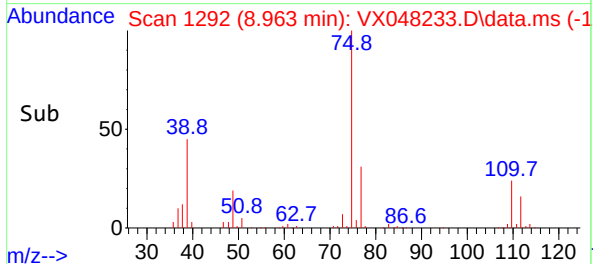
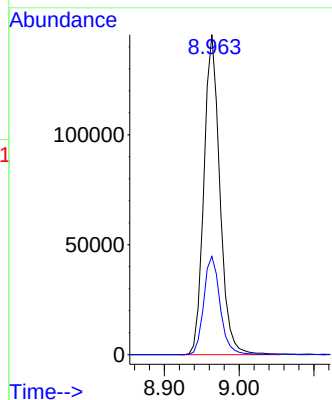
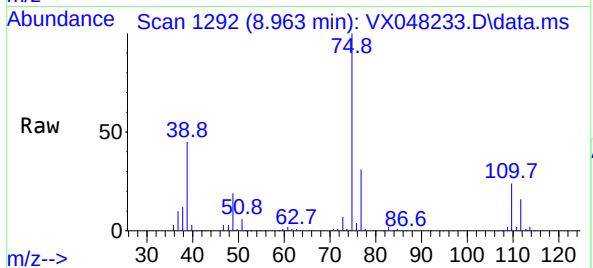
VSTDIC100

Tgt Ion: 75 Resp: 215736

Ion Ratio Lower Upper

75 100

77 30.7 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 105.038 ug/l

RT: 8.354 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

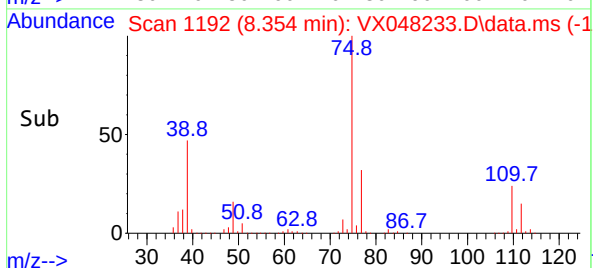
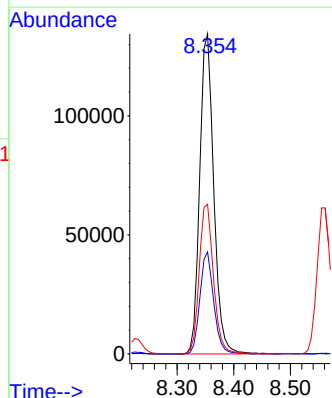
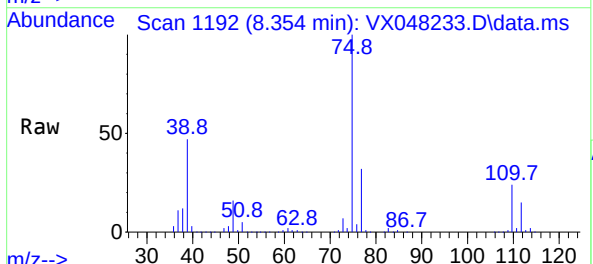
Tgt Ion: 75 Resp: 231037

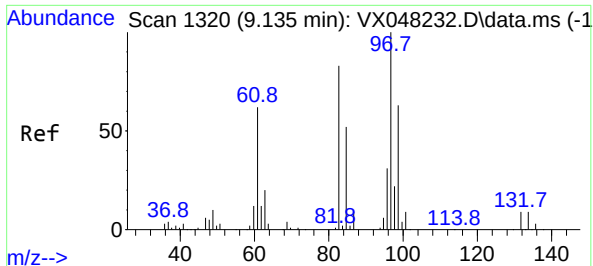
Ion Ratio Lower Upper

75 100

77 31.9 24.9 37.3

39 46.7 42.6 64.0



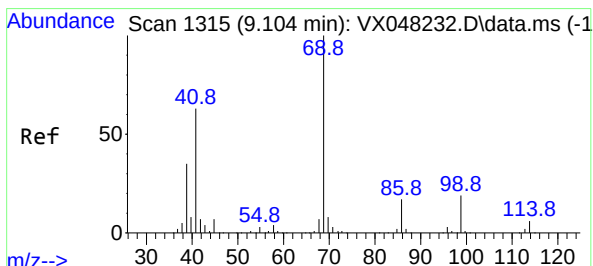
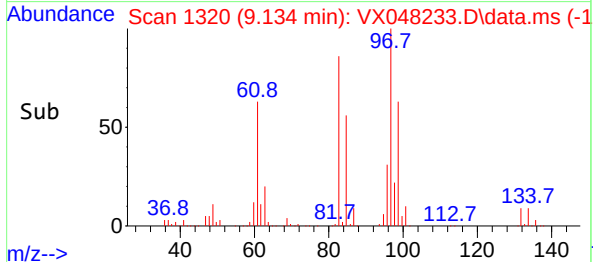
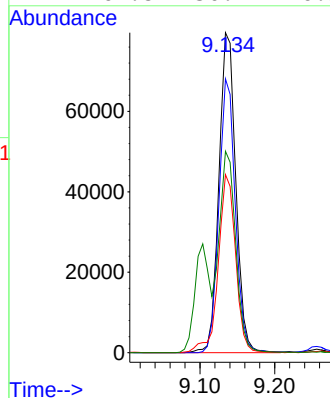
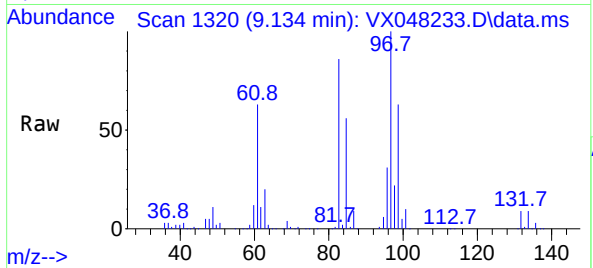


#55
1,1,2-Trichloroethane
Concen: 99.952 ug/l
RT: 9.134 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 97 Resp: 124910

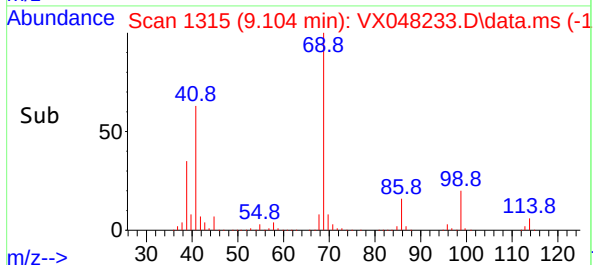
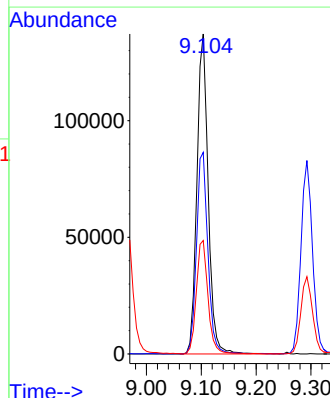
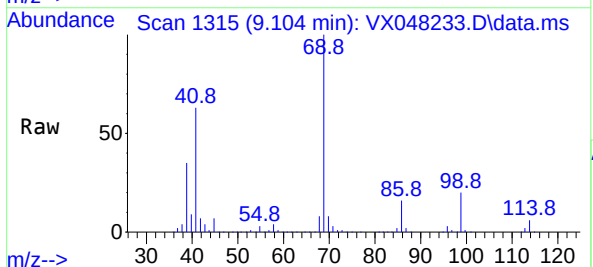
Ion	Ratio	Lower	Upper
97	100		
83	85.5	70.6	105.8
85	55.7	45.0	67.6
99	62.8	50.9	76.3

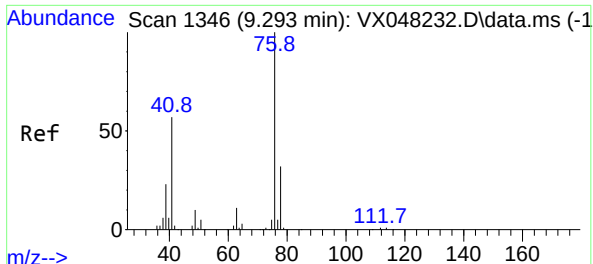


#56
Ethyl methacrylate
Concen: 107.610 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 69 Resp: 196699

Ion	Ratio	Lower	Upper
69	100		
41	64.0	56.0	84.0
39	36.7	31.6	47.4

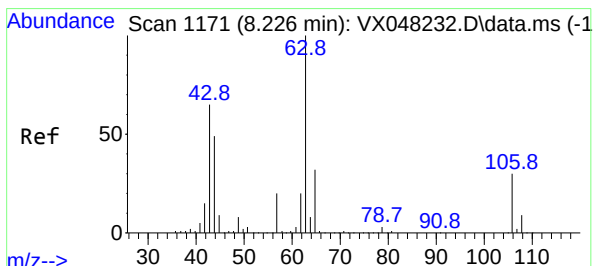
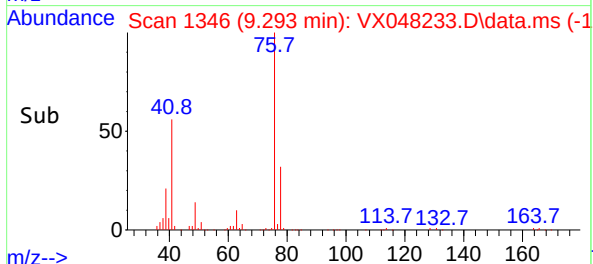
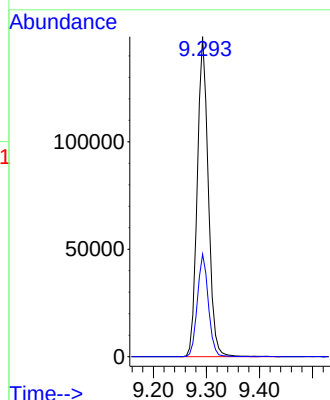
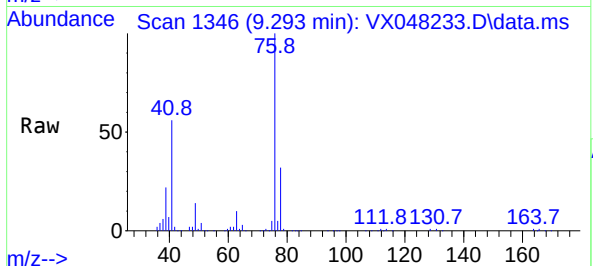




#57
1,3-Dichloropropane
Concen: 100.650 ug/l
RT: 9.293 min Scan# 111
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

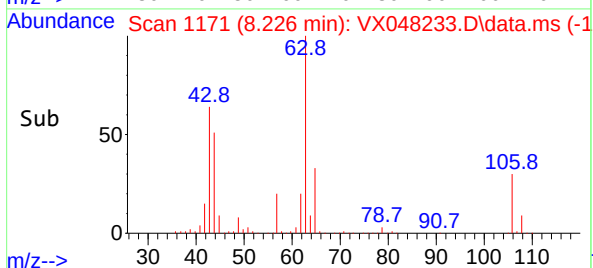
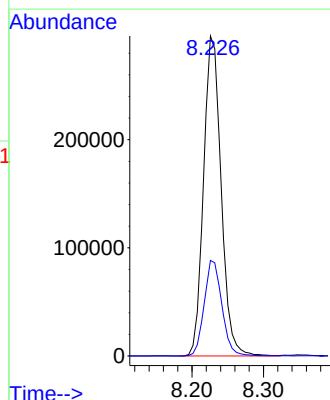
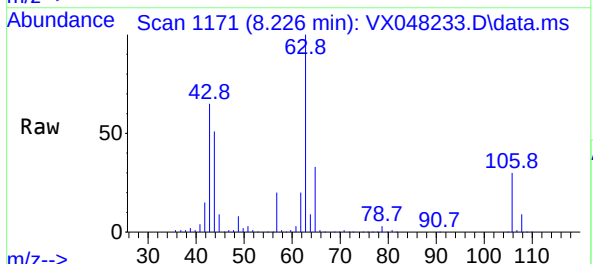
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

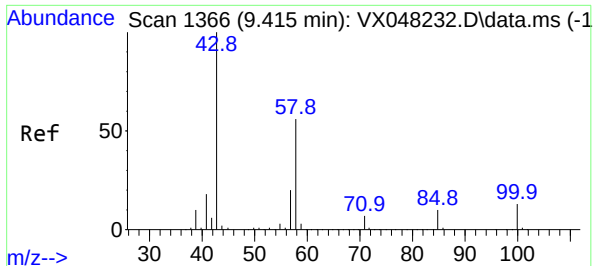
Tgt Ion: 76 Resp: 214853
Ion Ratio Lower Upper
76 100
78 31.9 25.4 38.0



#58
2-Chloroethyl Vinyl ether
Concen: 512.470 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 63 Resp: 505448
Ion Ratio Lower Upper
63 100
106 30.0 22.2 33.2

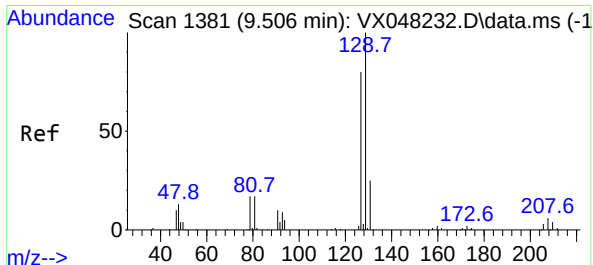
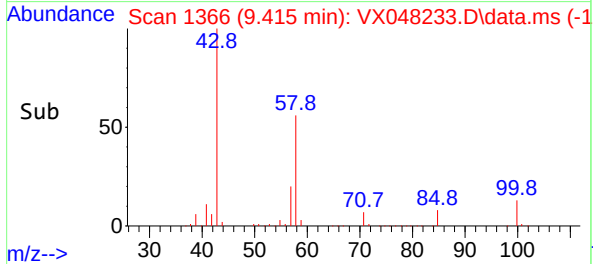
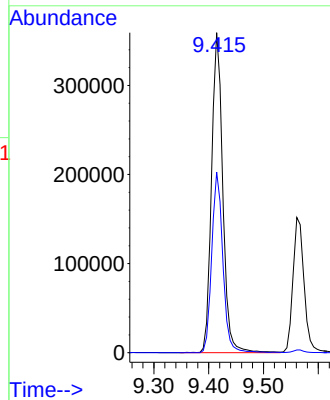
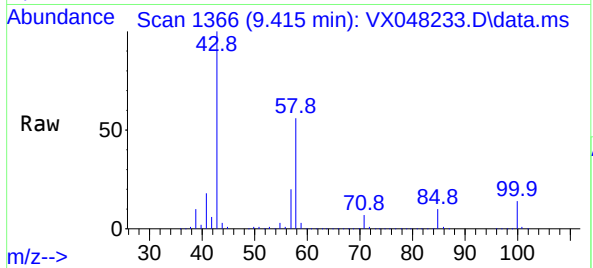




#59
2-Hexanone
Concen: 510.781 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

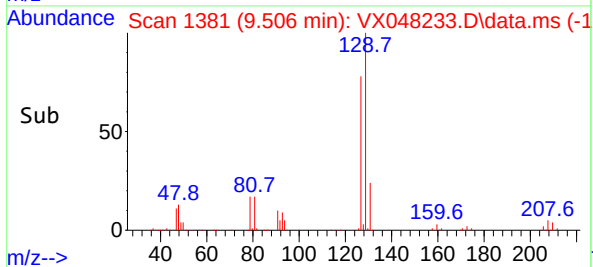
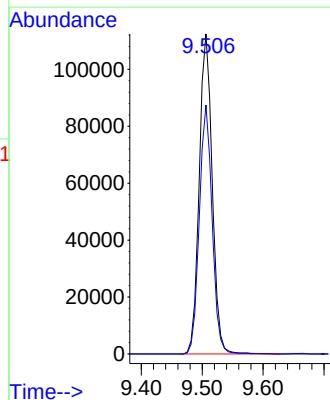
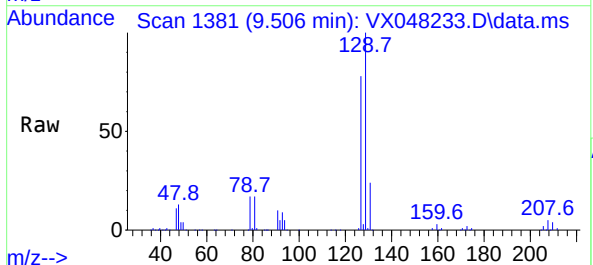
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

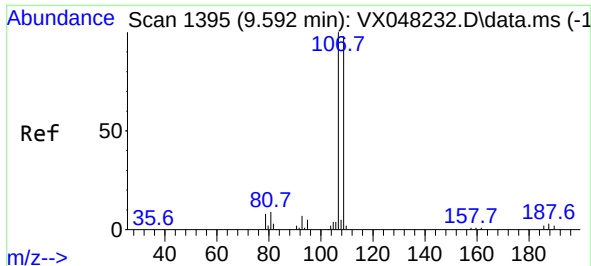
Tgt Ion: 43 Resp: 509398
Ion Ratio Lower Upper
43 100
58 55.8 26.3 78.8



#60
Dibromochloromethane
Concen: 98.928 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 129 Resp: 166167
Ion Ratio Lower Upper
129 100
127 76.9 38.6 115.7

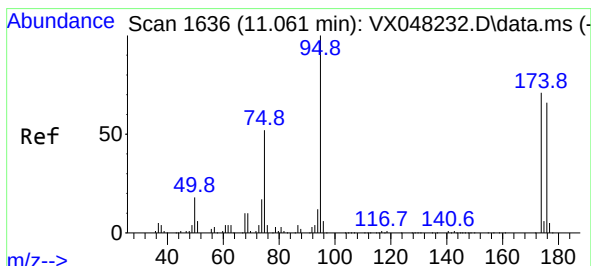
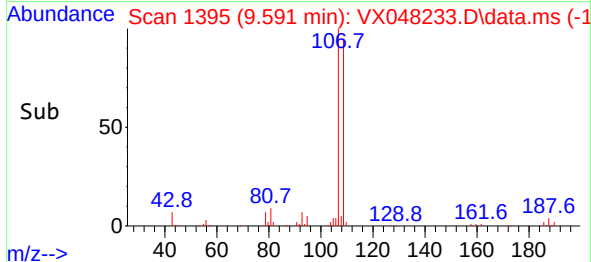
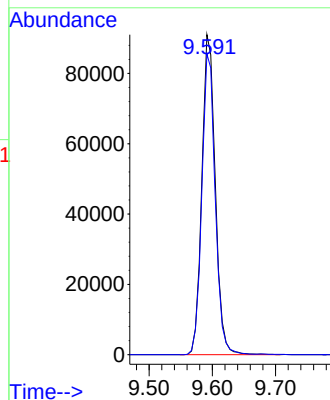
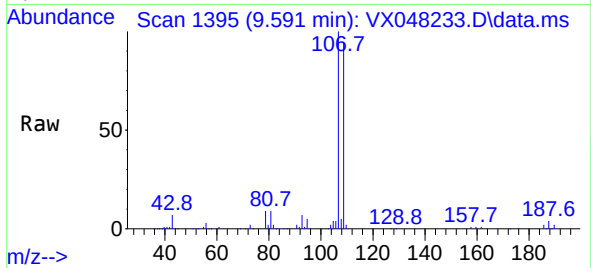




#61
1,2-Dibromoethane
Concen: 101.077 ug/l
RT: 9.591 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

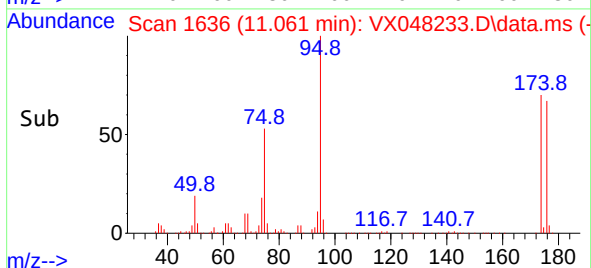
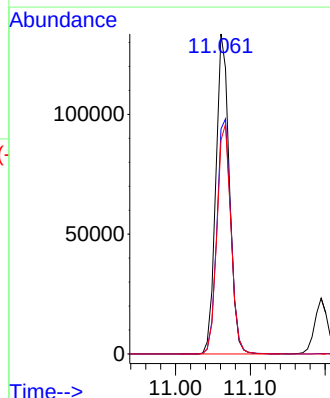
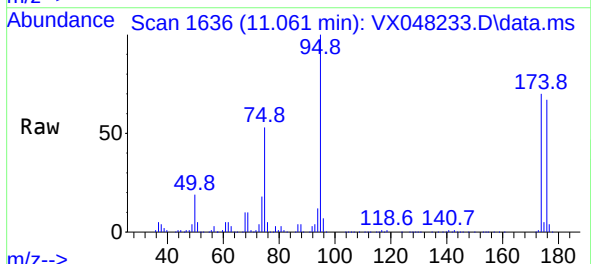
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

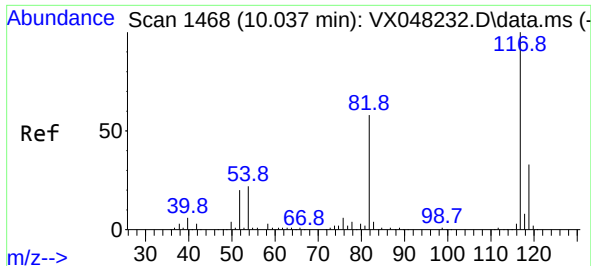
Tgt Ion:107 Resp: 134662
Ion Ratio Lower Upper
107 100
109 93.7 77.0 115.4



#62
4-Bromofluorobenzene
Concen: 98.032 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 95 Resp: 167565
Ion Ratio Lower Upper
95 100
174 76.3 0.0 147.8
176 74.1 0.0 142.8

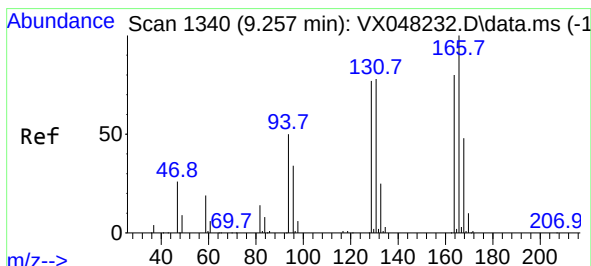
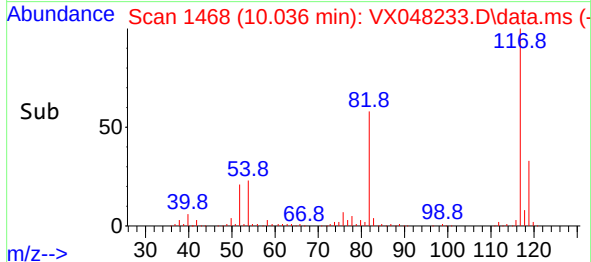
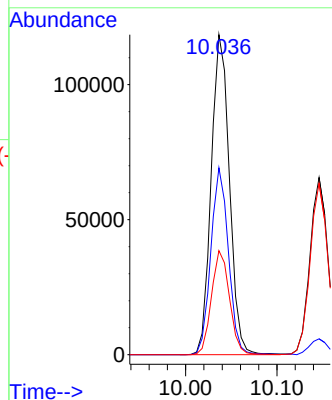
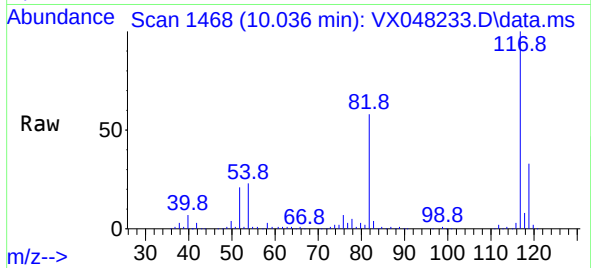




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

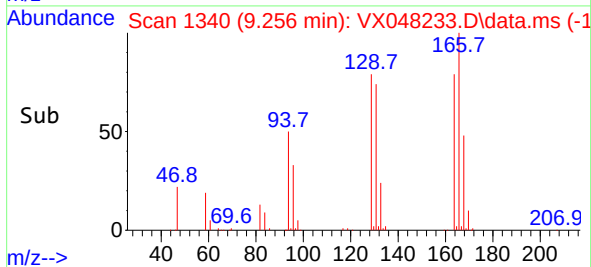
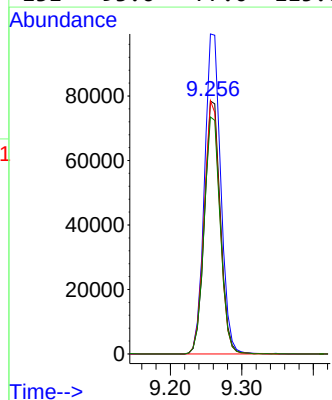
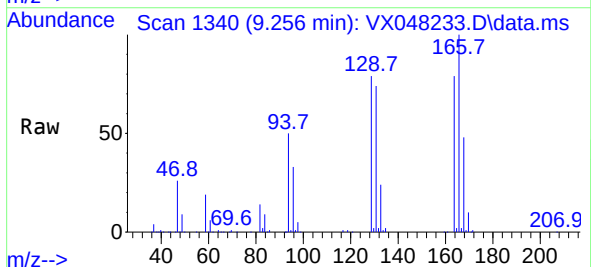
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

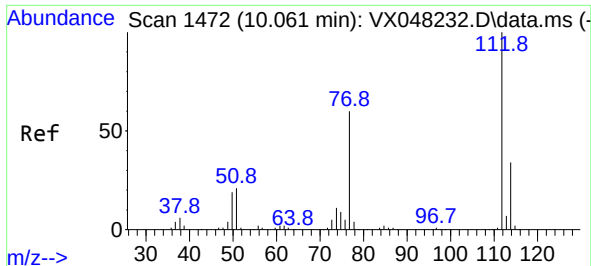
Tgt Ion:117 Resp: 163588
Ion Ratio Lower Upper
117 100
82 58.4 46.5 69.7
119 32.5 25.9 38.9



#64
Tetrachloroethene
Concen: 99.215 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:164 Resp: 121163
Ion Ratio Lower Upper
164 100
166 126.5 104.5 156.7
129 100.1 81.8 122.6
131 93.6 77.0 115.6

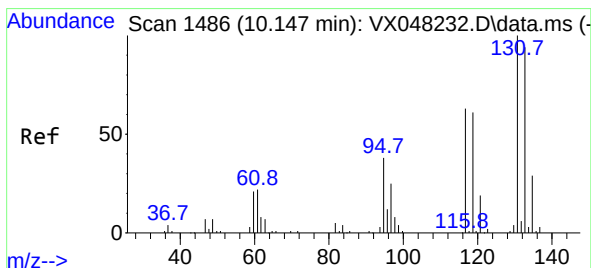
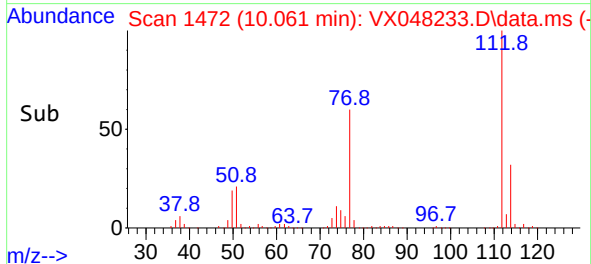
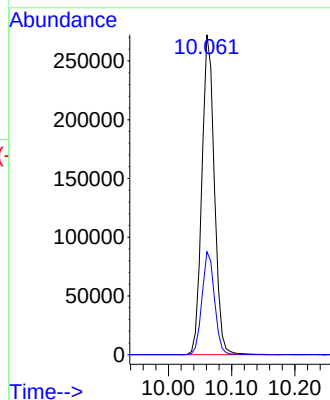
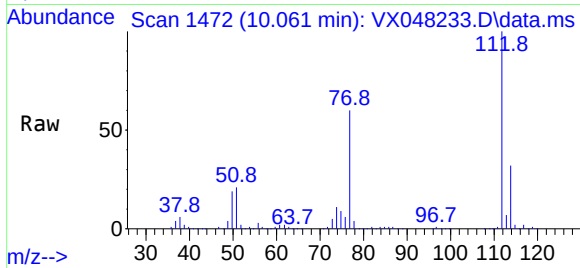




#65
Chlorobenzene
Concen: 102.048 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

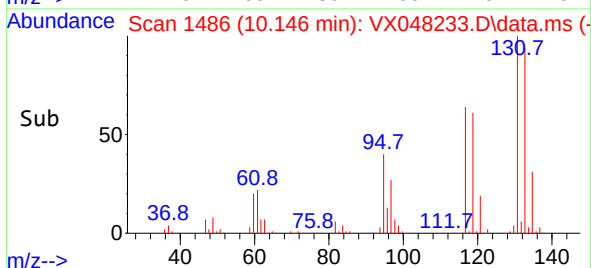
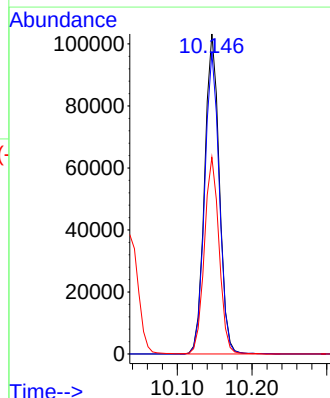
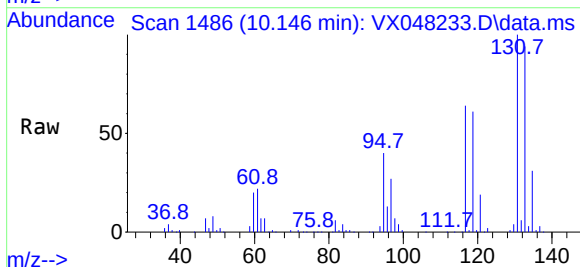
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

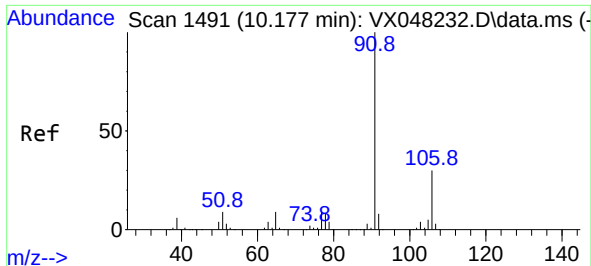
Tgt Ion:112 Resp: 375532
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 104.022 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:131 Resp: 140599
Ion Ratio Lower Upper
131 100
133 93.7 47.6 142.8
119 61.6 32.5 97.5

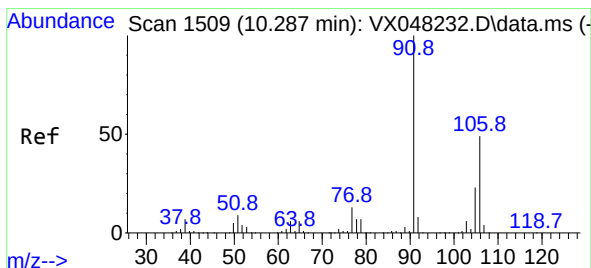
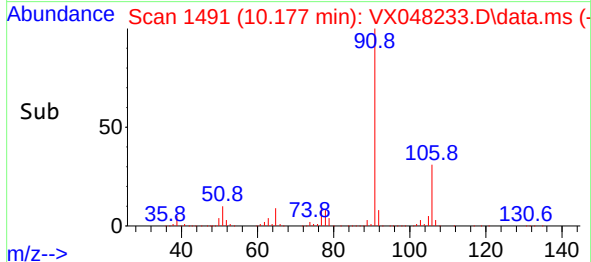
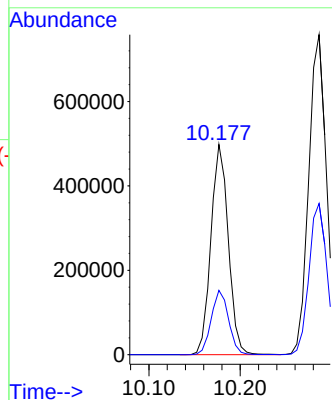
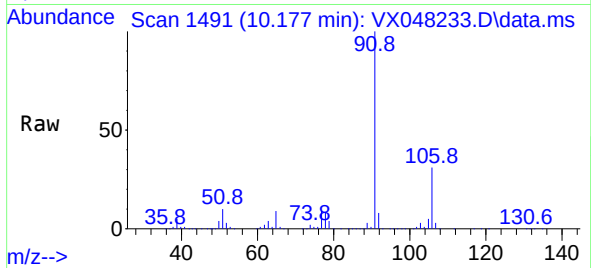




#67
Ethyl Benzene
Concen: 104.850 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

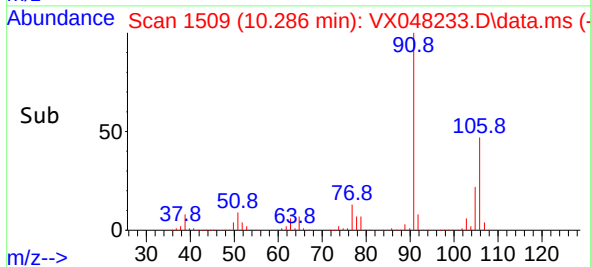
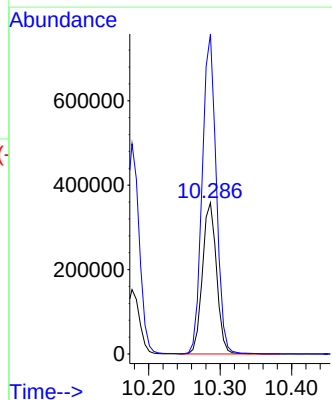
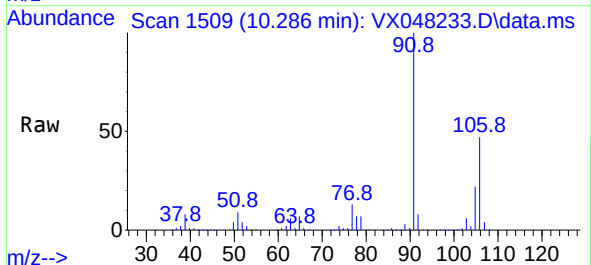
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

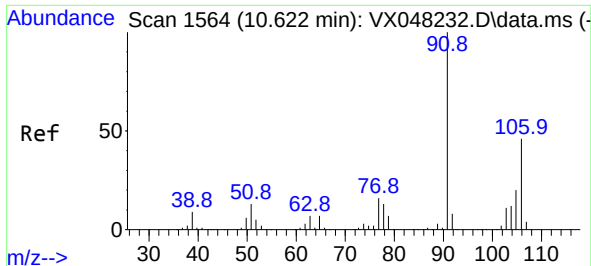
Tgt Ion: 91 Resp: 656925
Ion Ratio Lower Upper
91 100
106 30.6 23.8 35.6



#68
m/p-Xylenes
Concen: 210.869 ug/l
RT: 10.286 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:106 Resp: 490879
Ion Ratio Lower Upper
106 100
91 210.5 167.9 251.9

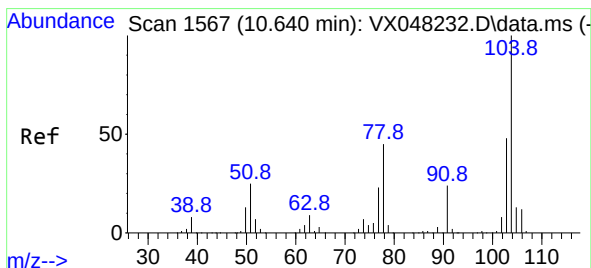
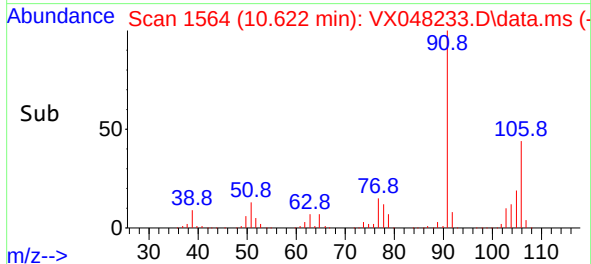
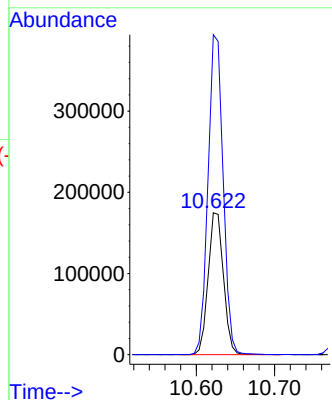
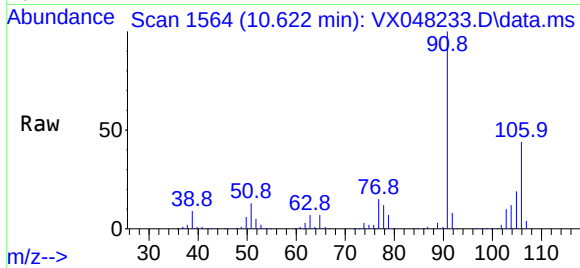




#69
o-Xylene
Concen: 105.297 ug/l
RT: 10.622 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

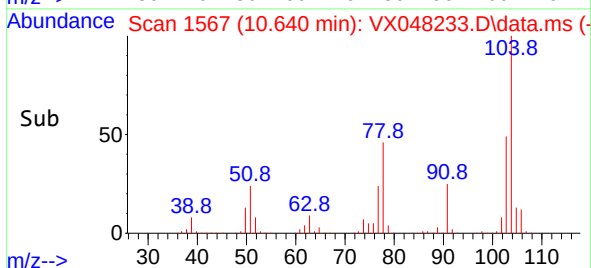
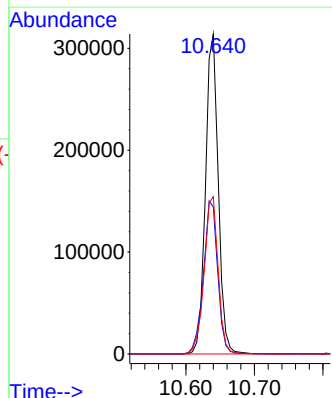
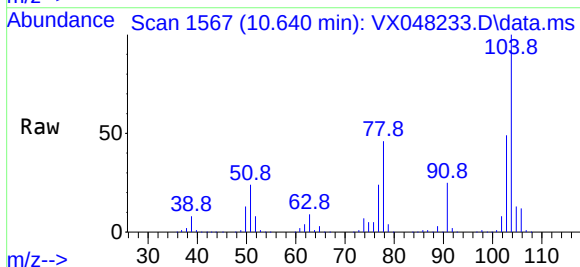
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

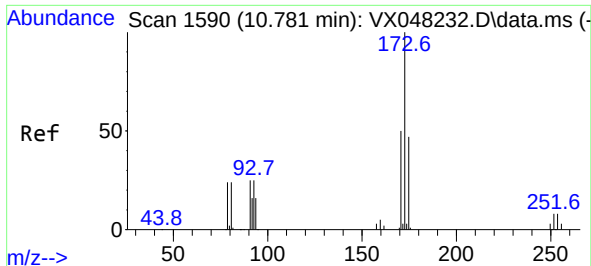
Tgt Ion:106 Resp: 236648
Ion Ratio Lower Upper
106 100
91 222.9 111.3 333.9



#70
Styrene
Concen: 106.594 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:104 Resp: 407916
Ion Ratio Lower Upper
104 100
78 53.6 42.2 63.4
103 54.0 43.0 64.4

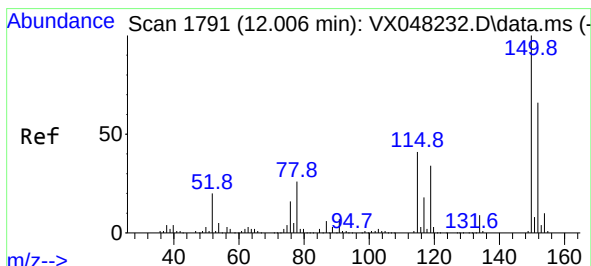
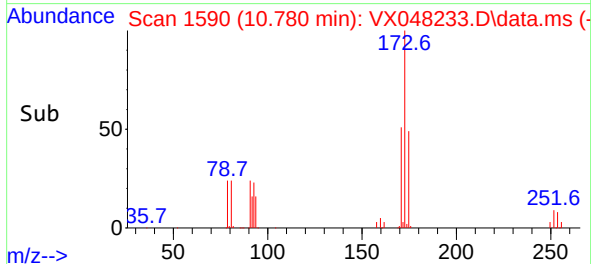
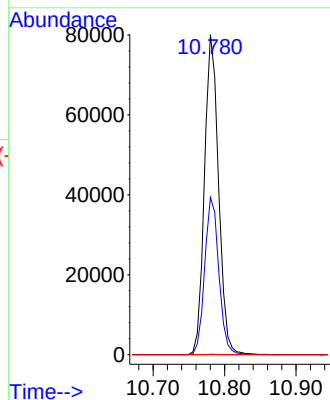
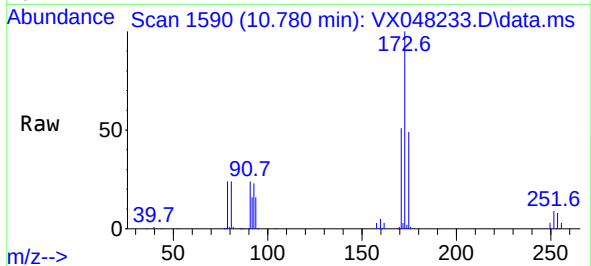




#71
Bromoform
Concen: 101.467 ug/l
RT: 10.780 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

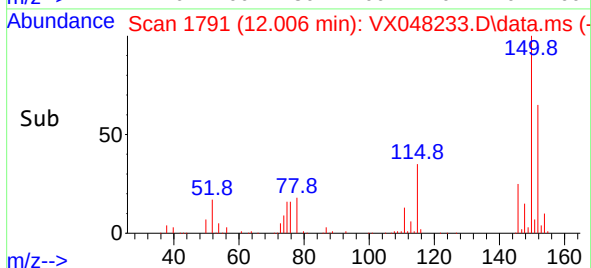
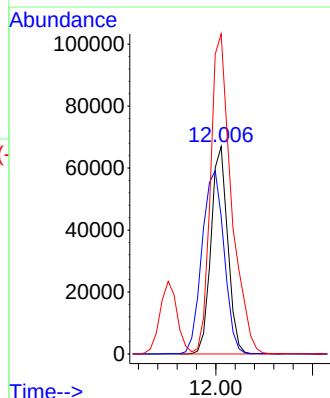
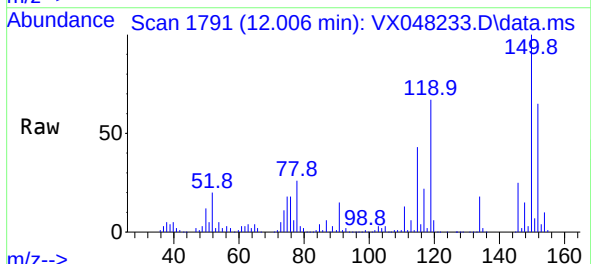
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

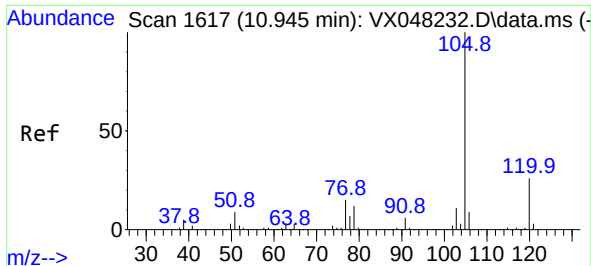
Tgt Ion:173 Resp: 109613
Ion Ratio Lower Upper
173 100
175 49.4 24.0 72.0
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:152 Resp: 80621
Ion Ratio Lower Upper
152 100
115 116.4 43.1 129.4
150 192.6 0.0 353.0

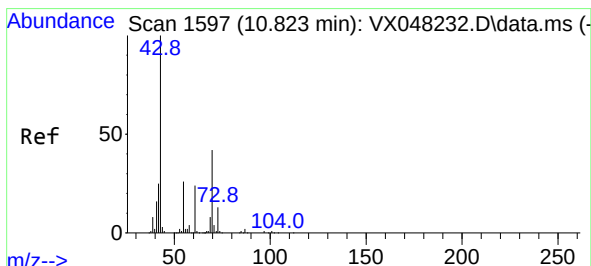
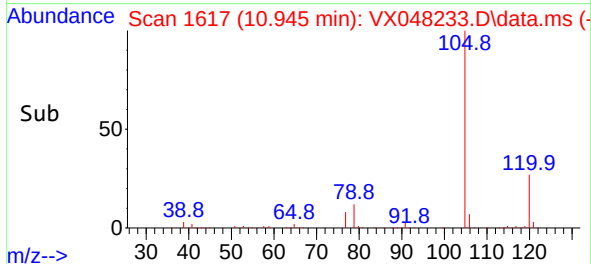
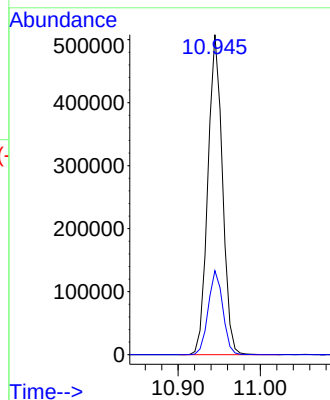
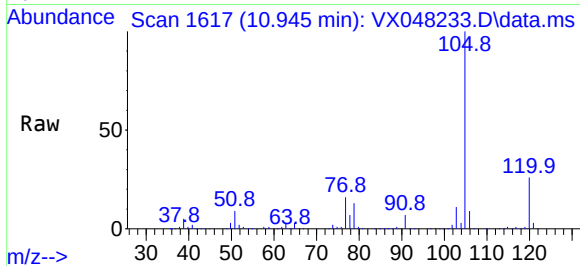




#73
Isopropylbenzene
Concen: 106.098 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

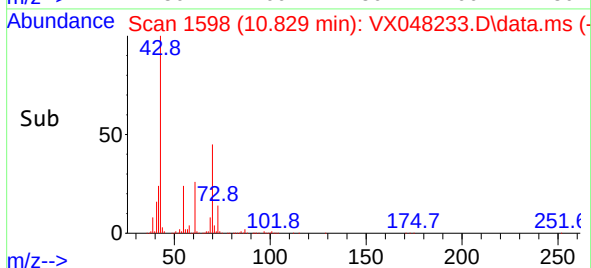
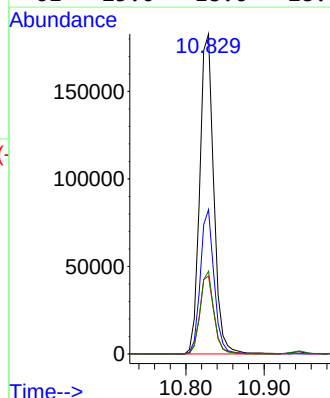
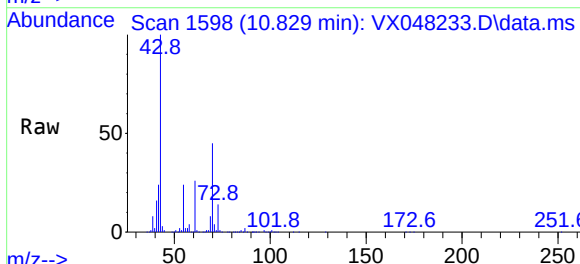
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

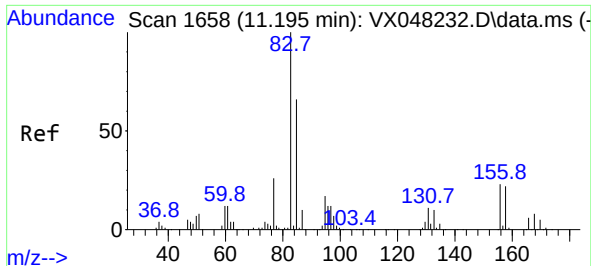
Tgt Ion:105 Resp: 624767
Ion Ratio Lower Upper
105 100
120 26.2 13.0 38.9



#74
N-ethyl acetate
Concen: 109.195 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 43 Resp: 228080
Ion Ratio Lower Upper
43 100
70 44.4 32.2 48.2
55 24.8 19.1 28.7
61 25.0 18.6 28.0

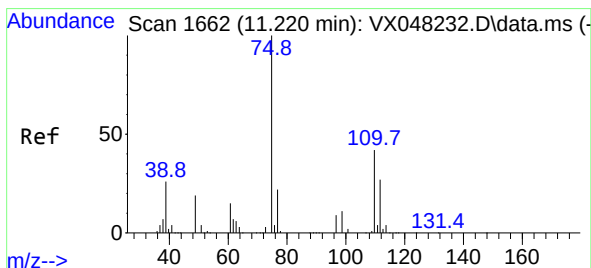
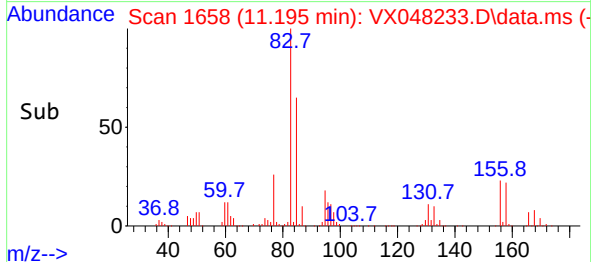
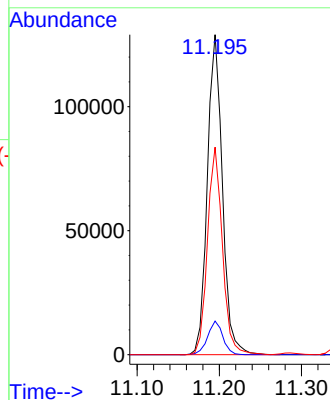
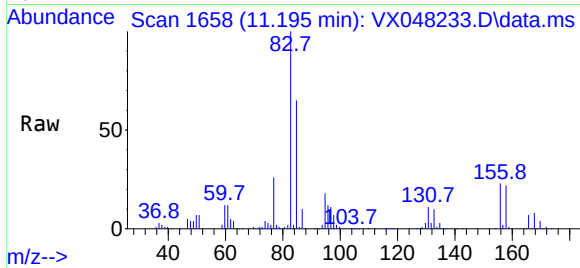




#75
1,1,2,2-Tetrachloroethane
Concen: 102.114 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

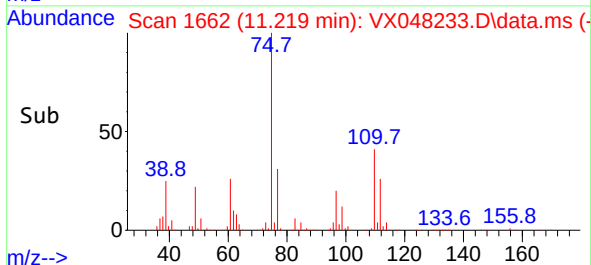
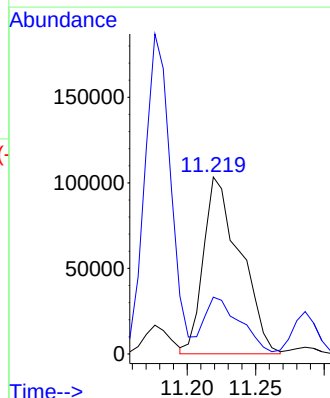
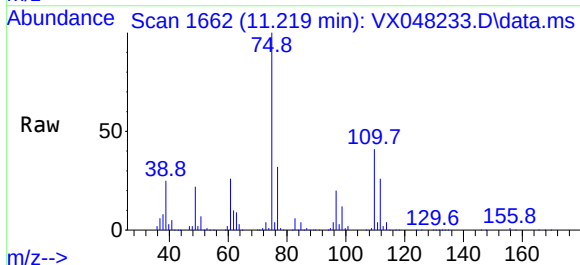
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

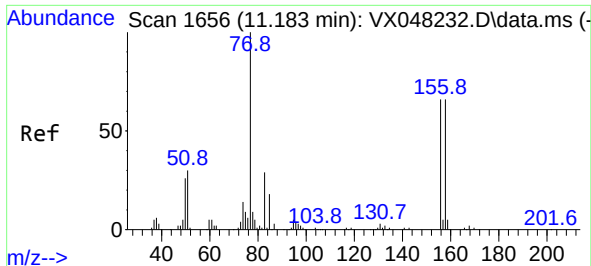
Tgt Ion: 83 Resp: 164207
Ion Ratio Lower Upper
83 100
131 10.6 4.8 14.4
85 64.4 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 147.394 ug/l
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 75 Resp: 192703
Ion Ratio Lower Upper
75 100
77 30.5 22.4 67.2

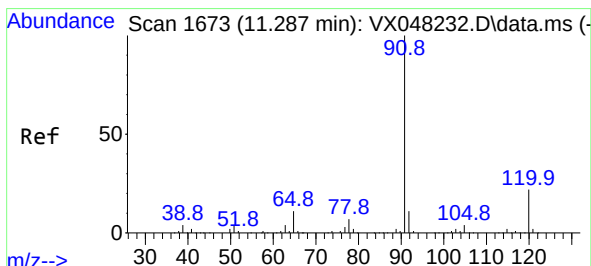
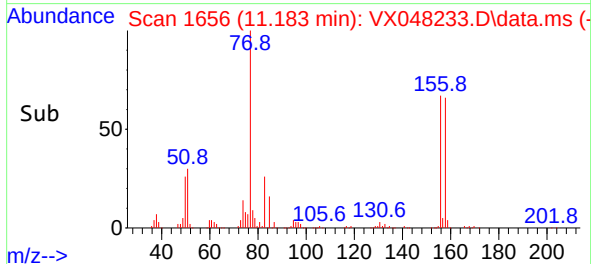
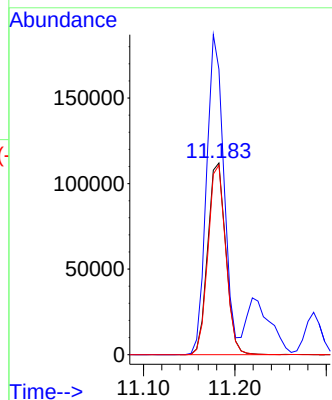
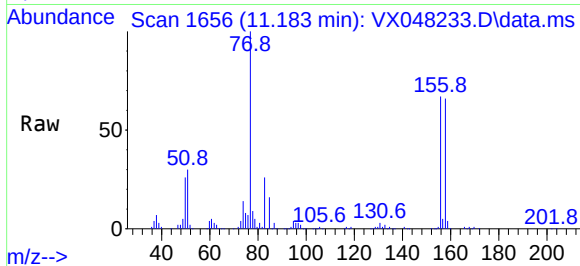




#77
Bromobenzene
Concen: 104.042 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

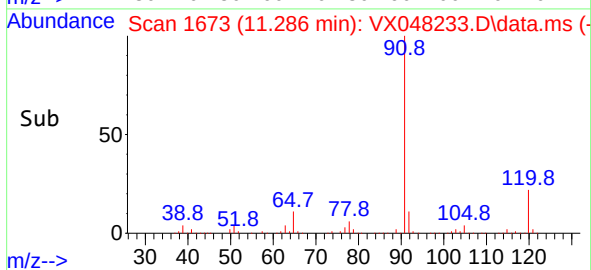
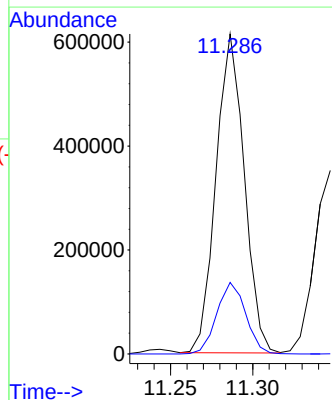
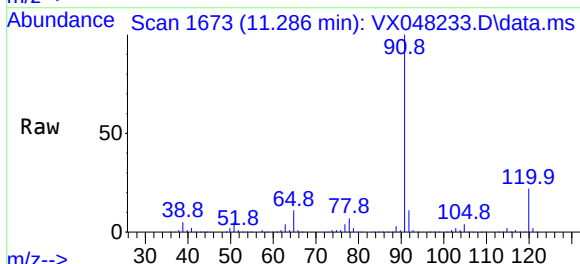
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

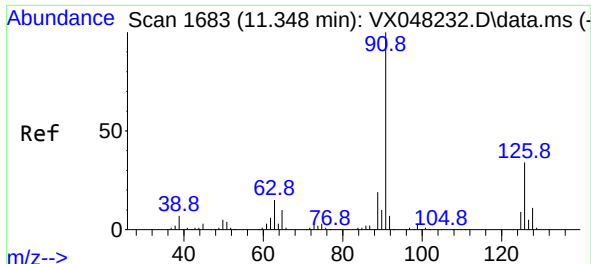
Tgt Ion:156 Resp: 153619
Ion Ratio Lower Upper
156 100
77 159.4 87.0 261.0
158 96.9 47.8 143.4



#78
n-propylbenzene
Concen: 107.464 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 91 Resp: 732684
Ion Ratio Lower Upper
91 100
120 23.0 11.1 33.1





#79

2-Chlorotoluene

Concen: 105.044 ug/l

RT: 11.347 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

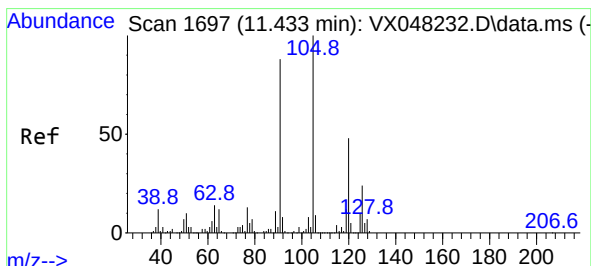
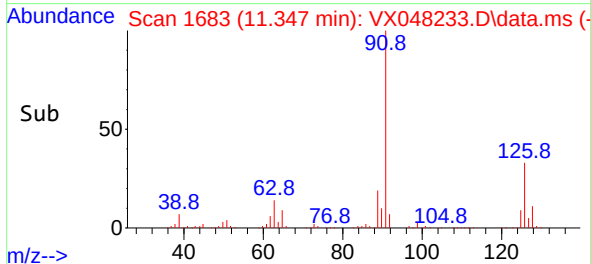
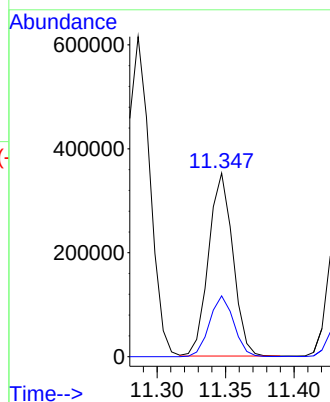
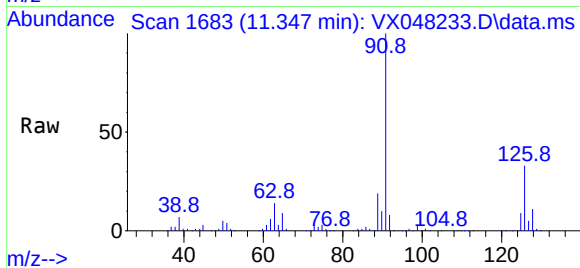
VSTDIC100

Tgt Ion: 91 Resp: 434217

Ion Ratio Lower Upper

91 100

126 33.2 16.4 49.4



#80

1,3,5-Trimethylbenzene

Concen: 106.616 ug/l

RT: 11.432 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VX048233.D

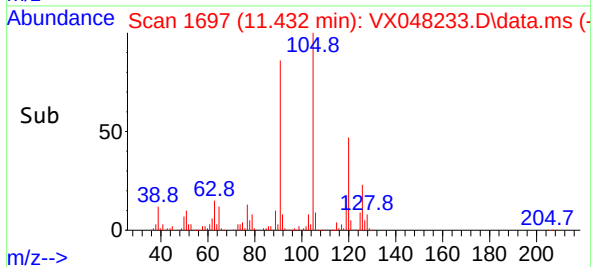
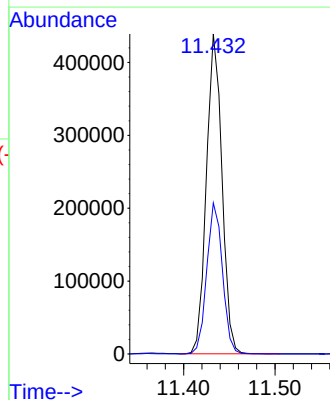
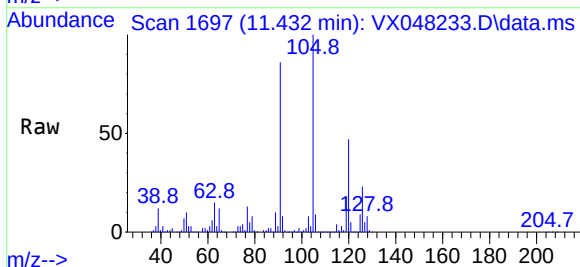
Acq: 20 Oct 2025 12:22

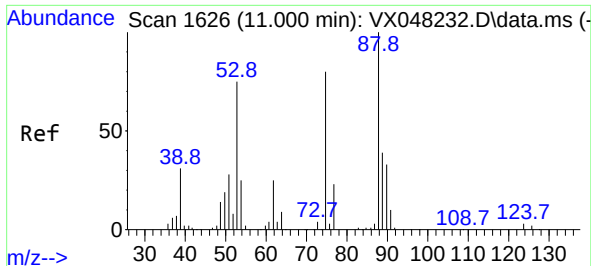
Tgt Ion:105 Resp: 519549

Ion Ratio Lower Upper

105 100

120 47.6 24.0 72.0

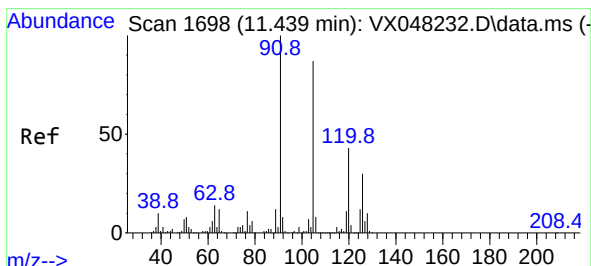
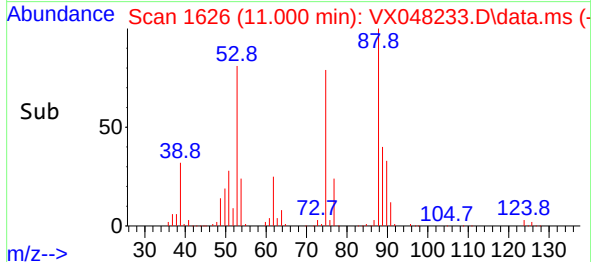
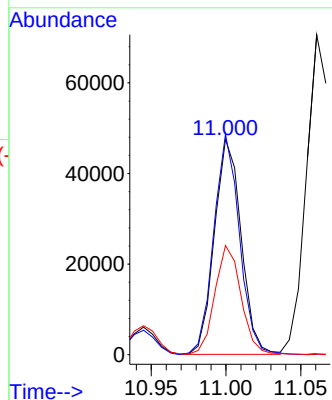
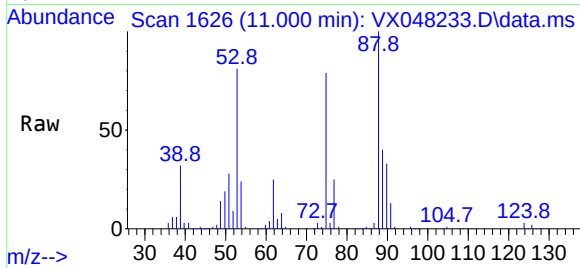




#81
trans-1,4-Dichloro-2-butene
Concen: 109.902 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

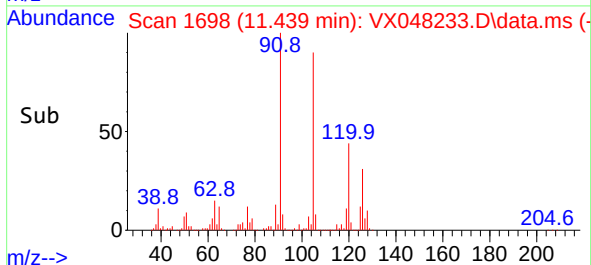
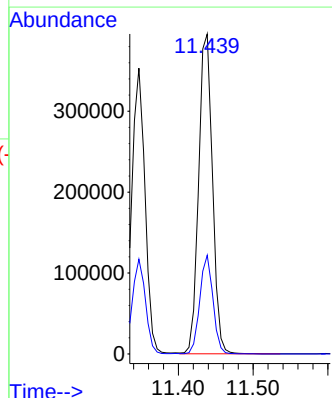
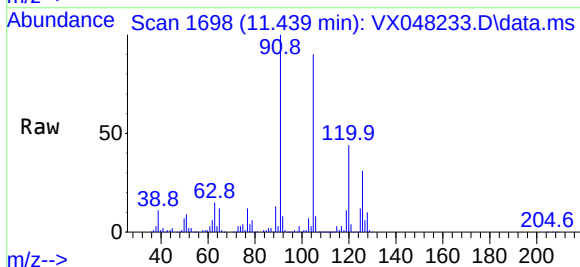
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

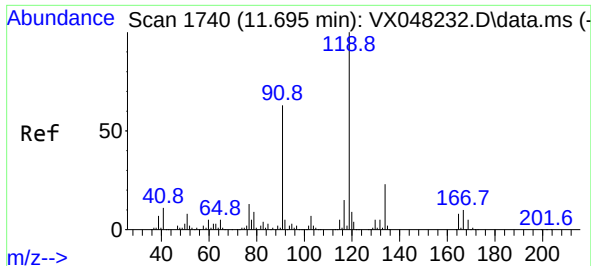
Tgt Ion: 75 Resp: 59059
Ion Ratio Lower Upper
75 100
53 98.7 79.5 119.3
89 49.9 36.8 55.2



#82
4-Chlorotoluene
Concen: 103.293 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 91 Resp: 506861
Ion Ratio Lower Upper
91 100
126 29.5 14.1 42.4

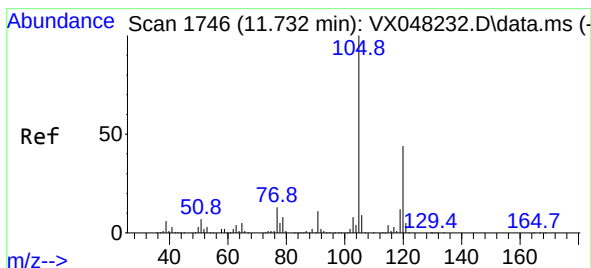
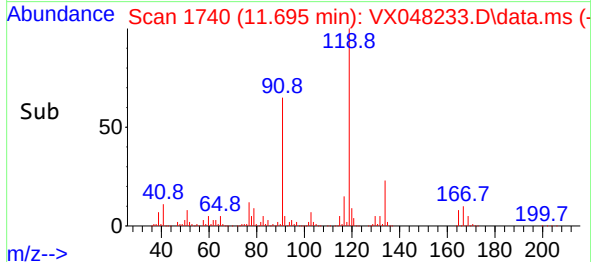
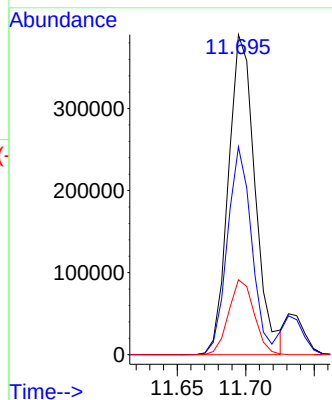
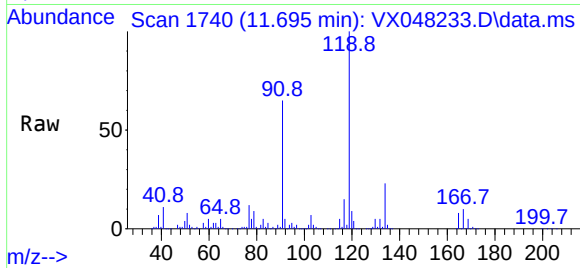




#83
tert-Butylbenzene
Concen: 105.707 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

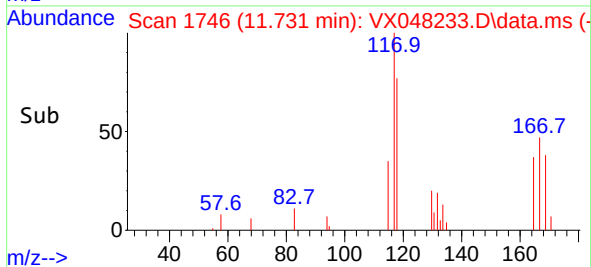
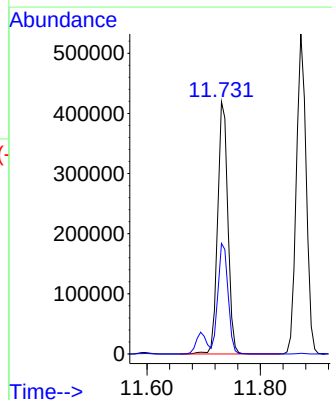
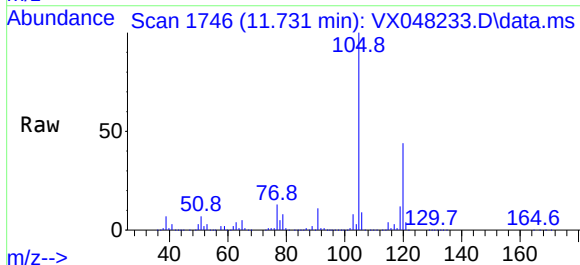
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

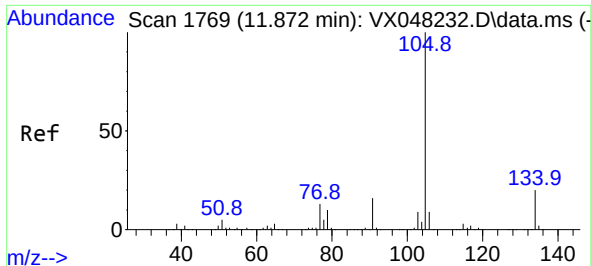
Tgt Ion:119 Resp: 529264
Ion Ratio Lower Upper
119 100
91 59.1 30.3 91.0
134 22.3 11.4 34.2



#84
1,2,4-Trimethylbenzene
Concen: 107.638 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:105 Resp: 523474
Ion Ratio Lower Upper
105 100
120 43.5 22.1 66.5

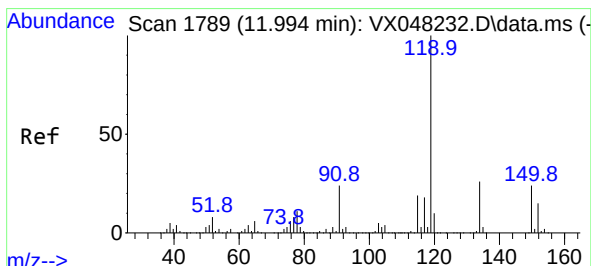
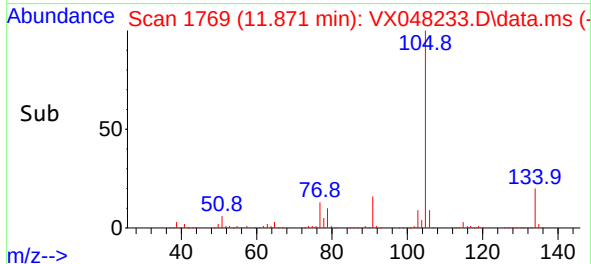
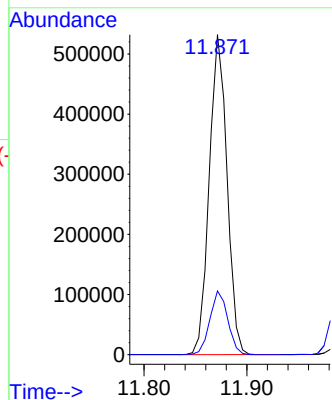
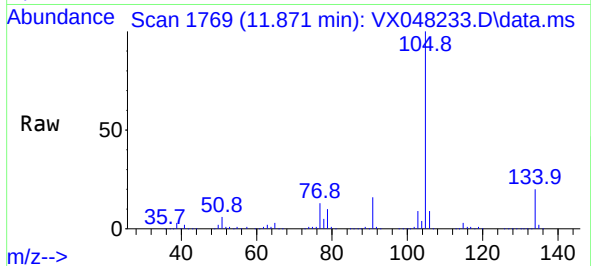




#85
 sec-Butylbenzene
 Concen: 106.228 ug/l
 RT: 11.871 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

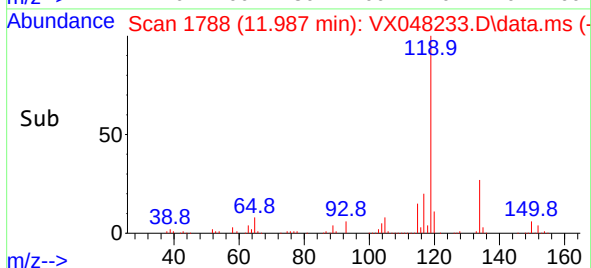
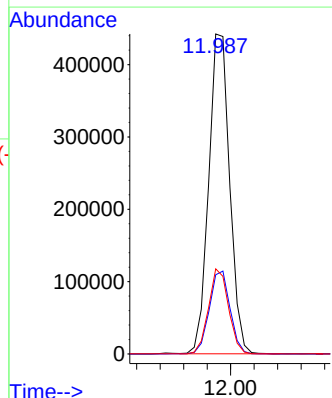
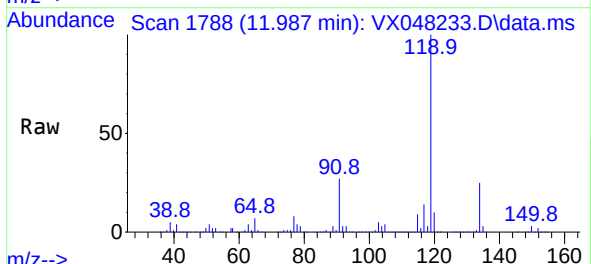
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

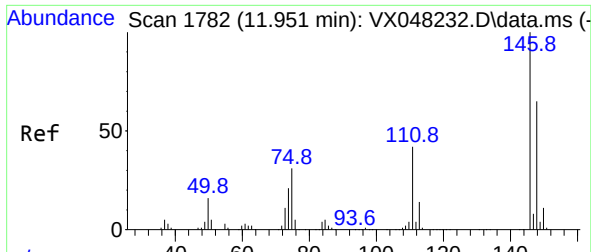
Tgt Ion:105 Resp: 639904
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 105.271 ug/l
 RT: 11.987 min Scan# 1788
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

Tgt Ion:119 Resp: 548119
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 39.0
 91 25.5 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 101.174 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

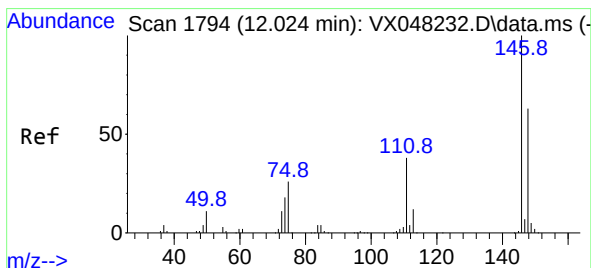
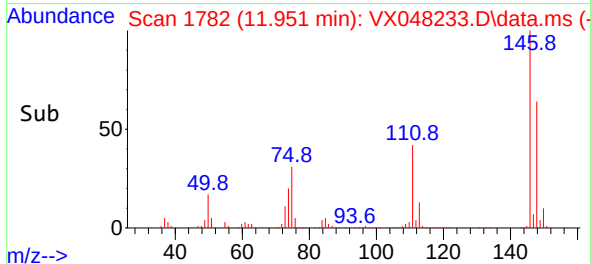
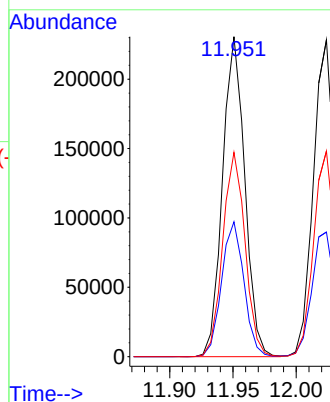
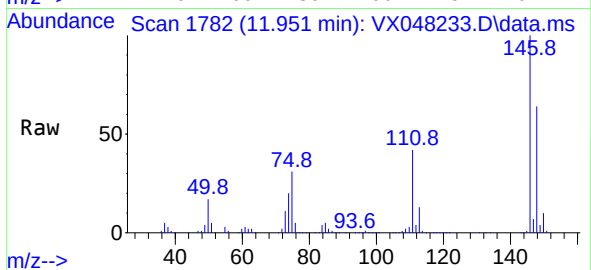
Tgt Ion:146 Resp: 281617

Ion Ratio Lower Upper

146 100

111 42.4 20.4 61.2

148 64.2 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 96.377 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

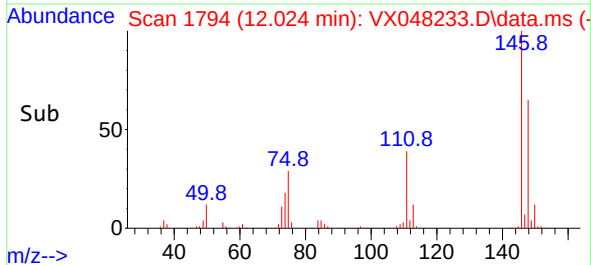
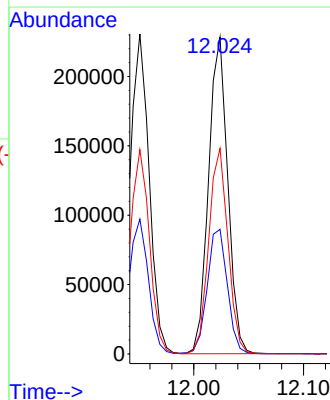
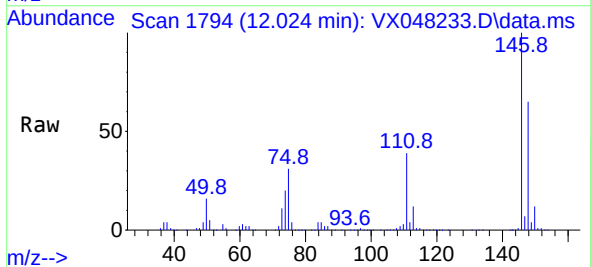
Tgt Ion:146 Resp: 277908

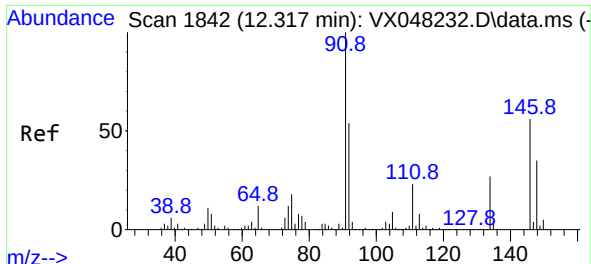
Ion Ratio Lower Upper

146 100

111 41.3 20.1 60.2

148 65.0 31.8 95.3





#89

n-Butylbenzene

Concen: 104.552 ug/l

RT: 12.316 min Scan# 1842

Delta R.T. 0.006 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

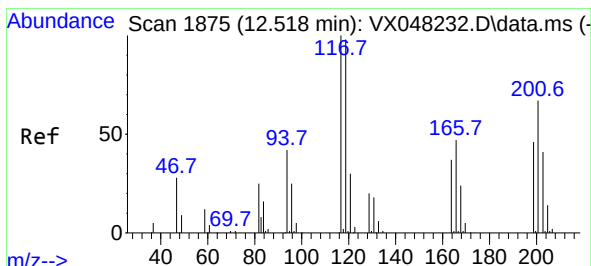
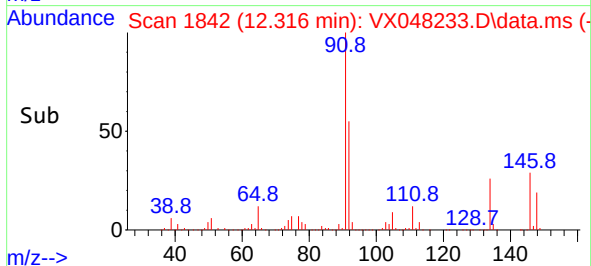
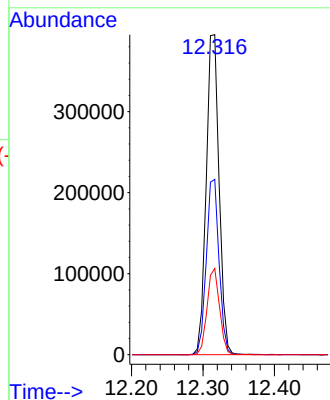
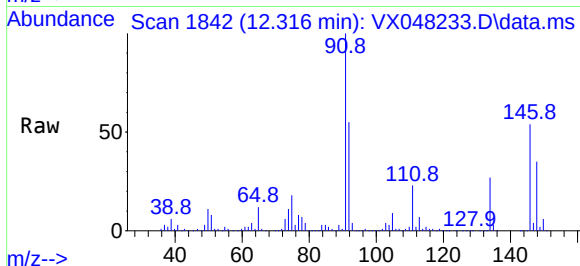
Tgt Ion: 91 Resp: 495486

Ion Ratio Lower Upper

91 100

92 54.3 26.9 80.6

134 26.1 12.7 38.1



#90

Hexachloroethane

Concen: 104.121 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VX048233.D

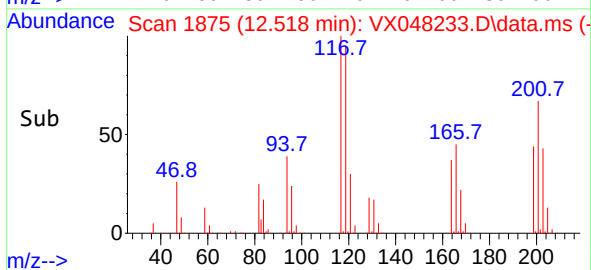
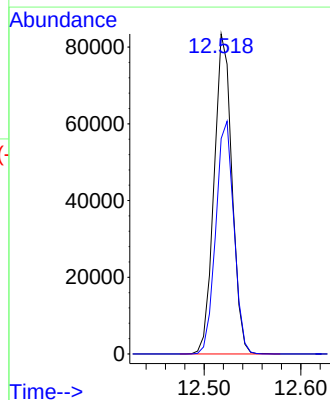
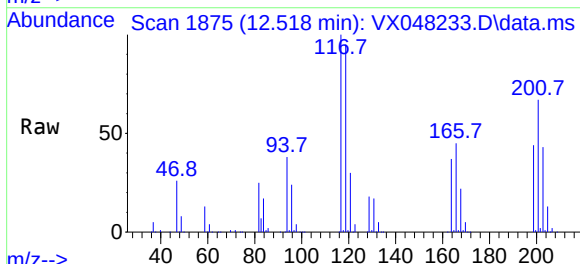
Acq: 20 Oct 2025 12:22

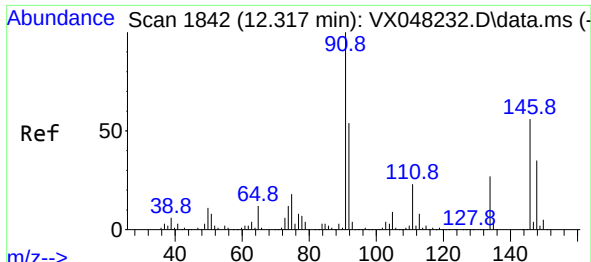
Tgt Ion: 117 Resp: 107057

Ion Ratio Lower Upper

117 100

201 73.5 34.1 102.2

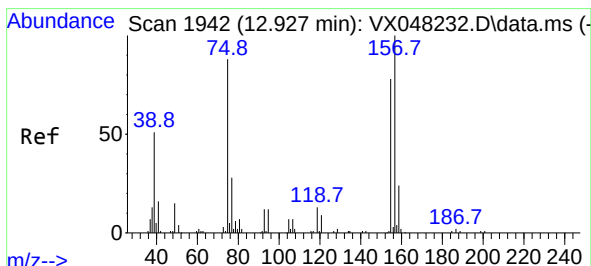
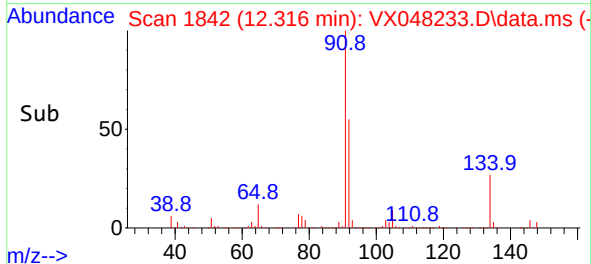
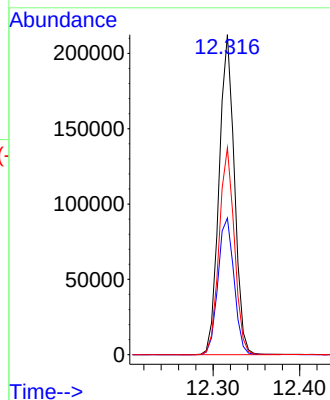
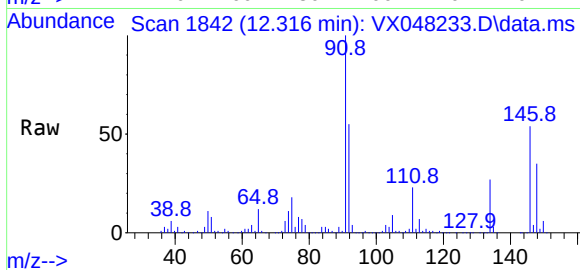




#91
1,2-Dichlorobenzene
Concen: 99.880 ug/l
RT: 12.316 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

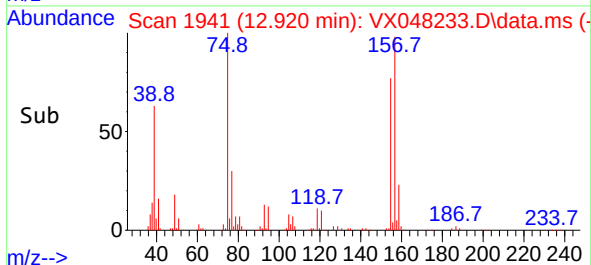
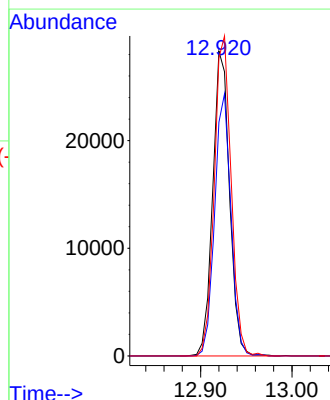
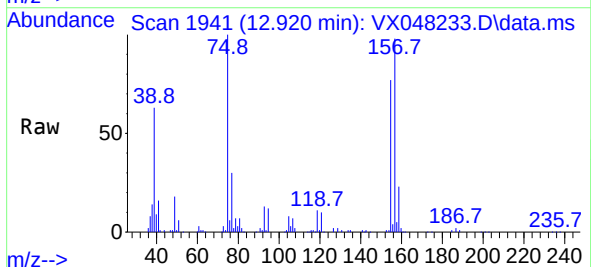
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

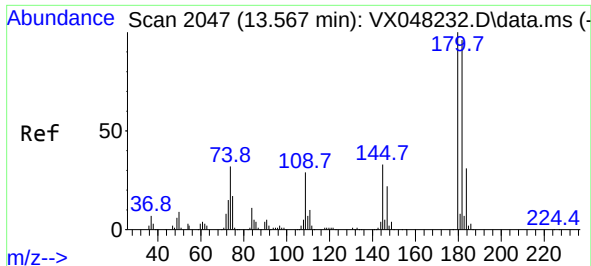
Tgt Ion:146 Resp: 261022
Ion Ratio Lower Upper
146 100
111 44.7 21.9 65.5
148 64.5 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 110.555 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 75 Resp: 36087
Ion Ratio Lower Upper
75 100
155 83.6 42.8 128.4
157 105.4 54.2 162.6

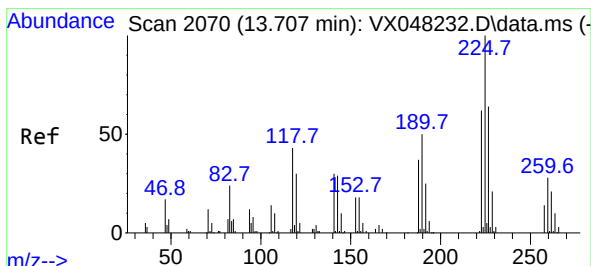
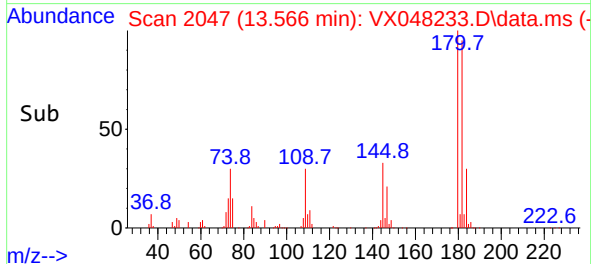
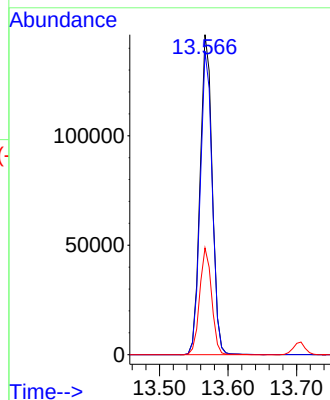
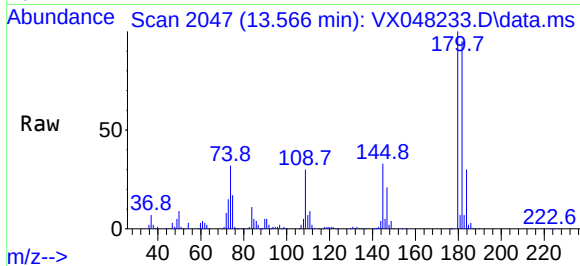




#93
1,2,4-Trichlorobenzene
Concen: 101.602 ug/l
RT: 13.566 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

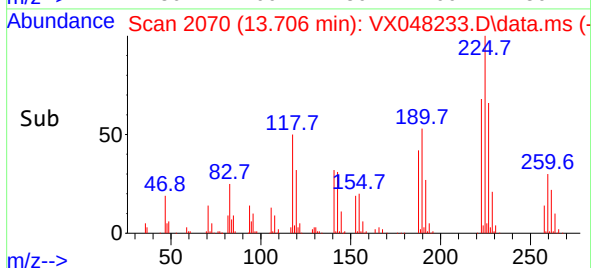
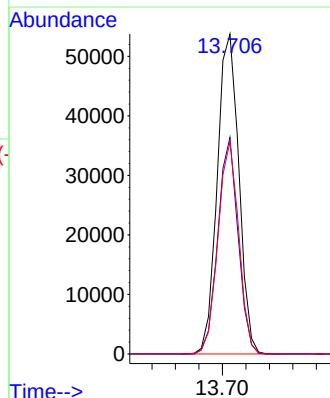
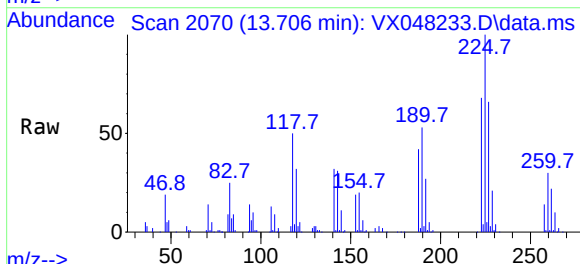
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

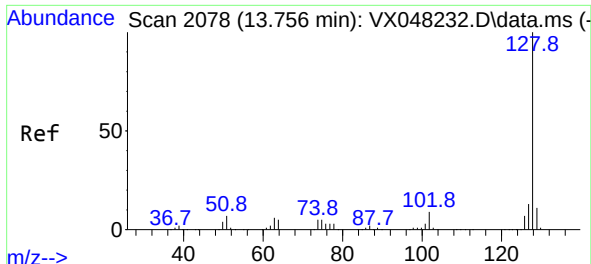
Tgt Ion:180 Resp: 179562
Ion Ratio Lower Upper
180 100
182 94.4 47.3 142.0
145 33.0 16.3 48.9



#94
Hexachlorobutadiene
Concen: 103.582 ug/l
RT: 13.706 min Scan# 2070
Delta R.T. 0.005 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

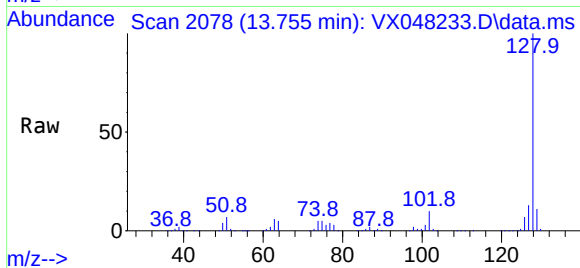
Tgt Ion:225 Resp: 68645
Ion Ratio Lower Upper
225 100
223 63.3 32.6 97.7
227 63.5 32.5 97.4





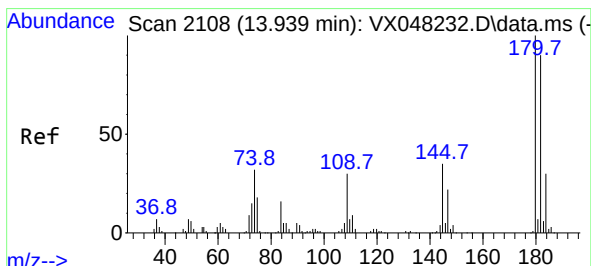
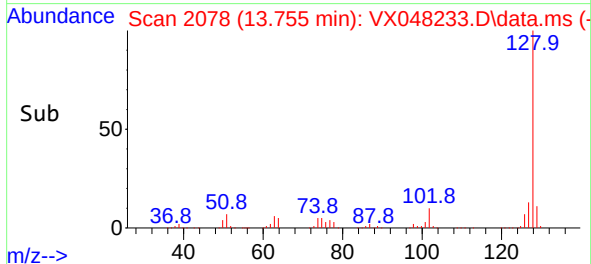
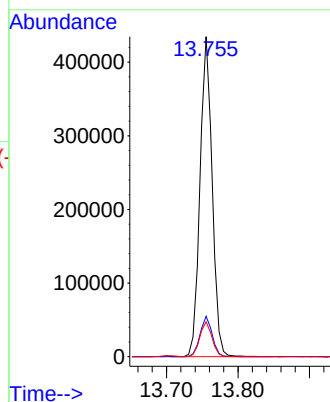
#95
Naphthalene
Concen: 109.211 ug/l
RT: 13.755 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:128 Resp: 511355

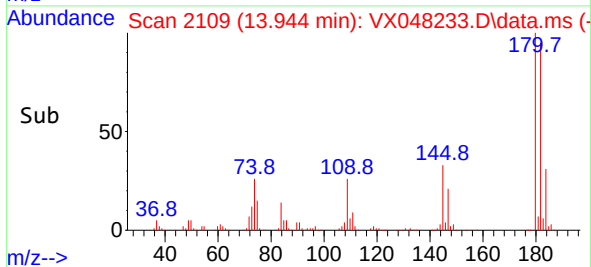
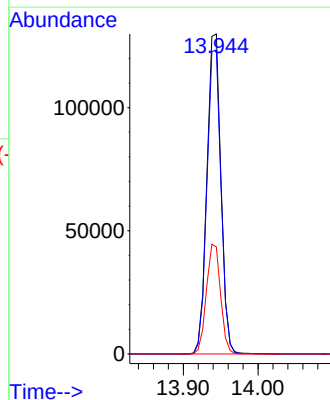
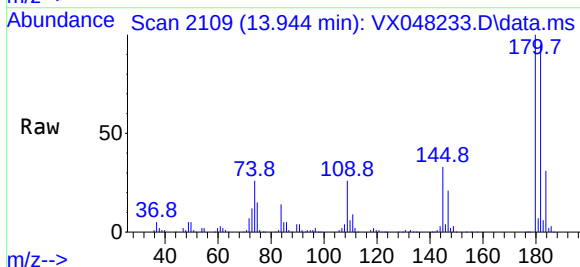
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	10.9	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 104.362 ug/l
RT: 13.944 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:180 Resp: 169248

Ion	Ratio	Lower	Upper
180	100		
182	95.5	46.6	139.7
145	34.6	16.9	50.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
 Data File : VX048234.D
 Acq On : 20 Oct 2025 12:43
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Oct 25 03:36:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	112063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	180904	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	155759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	75397	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	234807	149.444	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 298.880%#	
35) Dibromofluoromethane	5.373	113	188821	152.889	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 305.780%#	
50) Toluene-d8	8.635	98	648652	149.843	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 299.680%#	
62) 4-Bromofluorobenzene	11.061	95	239298	145.308	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 290.620%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.173	85	169514	147.144	ug/l	95
3) Chloromethane	1.301	50	158322	147.234	ug/l	99
4) Vinyl Chloride	1.380	62	149708	150.348	ug/l	99
5) Bromomethane	1.605	94	92946	137.542	ug/l	97
6) Chloroethane	1.685	64	89813	153.495	ug/l	96
7) Trichlorofluoromethane	1.892	101	292007	152.907	ug/l	99
8) Diethyl Ether	2.136	74	81474	151.624	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	184438	152.517	ug/l	96
10) Methyl Iodide	2.453	142	249395	164.048	ug/l	100
11) Tert butyl alcohol	2.959	59	107295	687.786	ug/l	100
12) 1,1-Dichloroethene	2.325	96	178408	151.641	ug/l	95
13) Acrolein	2.239	56	123365	775.377	ug/l	99
14) Allyl chloride	2.666	41	293697	150.358	ug/l	98
15) Acrylonitrile	3.062	53	412892	734.001	ug/l	100
16) Acetone	2.380	43	347029	643.823	ug/l	99
17) Carbon Disulfide	2.514	76	515144	138.930	ug/l	100
18) Methyl Acetate	2.697	43	169402	150.489	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	593033	147.754	ug/l	97
20) Methylene Chloride	2.788	84	190483	145.034	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	187495	145.082	ug/l	98
22) Diisopropyl ether	3.757	45	571951	146.807	ug/l	93
23) Vinyl Acetate	3.715	43	2367511	760.744	ug/l	96
24) 1,1-Dichloroethane	3.605	63	342500	145.389	ug/l	99
25) 2-Butanone	4.544	43	487152	714.037	ug/l	96
26) 2,2-Dichloropropane	4.465	77	310572	146.061	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	222359	147.429	ug/l	98
28) Bromochloromethane	4.891	49	151812	155.420	ug/l	87
29) Tetrahydrofuran	4.989	42	301745	738.481	ug/l	94
30) Chloroform	5.080	83	358626	142.490	ug/l	98
31) Cyclohexane	5.464	56	291302	149.360	ug/l	91
32) 1,1,1-Trichloroethane	5.373	97	338462	145.916	ug/l	98
36) 1,1-Dichloropropene	5.684	75	249688	142.243	ug/l	99
37) Ethyl Acetate	4.702	43	208614	143.380	ug/l	97
38) Carbon Tetrachloride	5.666	117	307892	142.169	ug/l	100
39) Methylcyclohexane	7.367	83	315911	152.387	ug/l	95
40) Benzene	6.025	78	730908	143.416	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
 Data File : VX048234.D
 Acq On : 20 Oct 2025 12:43
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Oct 25 03:36:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	115351	150.966	ug/l	97
42) 1,2-Dichloroethane	6.074	62	269245	143.169	ug/l	99
43) Isopropyl Acetate	6.324	43	361084	151.084	ug/l	96
44) Trichloroethene	7.110	130	197244	146.572	ug/l	98
45) 1,2-Dichloropropane	7.415	63	180619	149.063	ug/l	99
46) Dibromomethane	7.568	93	135105	143.118	ug/l	94
47) Bromodichloromethane	7.805	83	292063	143.290	ug/l	97
48) Methyl methacrylate	7.677	41	184354	152.865	ug/l	95
49) 1,4-Dioxane	7.647	88	49895	3131.591	ug/l	88
51) 4-Methyl-2-Pentanone	8.561	43	983125	713.457	ug/l	94
52) Toluene	8.702	92	460742	142.307	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	300251	152.861	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	317375	149.763	ug/l	94
55) 1,1,2-Trichloroethane	9.135	97	169894	141.104	ug/l	98
56) Ethyl methacrylate	9.104	69	272177	154.550	ug/l	94
57) 1,3-Dichloropropane	9.293	76	293650	142.782	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.232	63	705780	741.966	ug/l	95
59) 2-Hexanone	9.415	43	694736	723.047	ug/l	96
60) Dibromochloromethane	9.506	129	226642	140.050	ug/l	99
61) 1,2-Dibromoethane	9.592	107	182208	141.953	ug/l	99
64) Tetrachloroethene	9.263	164	168581	144.982	ug/l	91
65) Chlorobenzene	10.061	112	514967	146.973	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	191186	148.558	ug/l	98
67) Ethyl Benzene	10.177	91	898137	150.554	ug/l	99
68) m/p-Xylenes	10.287	106	661019	298.230	ug/l	99
69) o-Xylene	10.622	106	320334	149.698	ug/l	99
70) Styrene	10.640	104	548149	150.439	ug/l	98
71) Bromoform	10.781	173	152209	147.980	ug/l #	99
73) Isopropylbenzene	10.945	105	849183	154.201	ug/l	100
74) N-amyl acetate	10.829	43	314879	161.195	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.195	83	224486	149.271	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	268288	219.425	ug/l	78
77) Bromobenzene	11.183	156	207212	150.063	ug/l	94
78) n-propylbenzene	11.287	91	991960	155.573	ug/l	98
79) 2-Chlorotoluene	11.348	91	585792	151.532	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	699885	153.574	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	83158	165.469	ug/l	97
82) 4-Chlorotoluene	11.439	91	691903	150.773	ug/l	99
83) tert-Butylbenzene	11.695	119	717642	153.261	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	707074	155.464	ug/l	99
85) sec-Butylbenzene	11.872	105	861466	152.918	ug/l	100
86) p-Isopropyltoluene	11.994	119	738496	151.662	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	386062	148.308	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	386885	143.466	ug/l	100
89) n-Butylbenzene	12.311	91	664071	149.834	ug/l	99
90) Hexachloroethane	12.518	117	145813	151.639	ug/l	94
91) 1,2-Dichlorobenzene	12.317	146	359278	147.003	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	50367	164.993	ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	247472	149.729	ug/l	100
94) Hexachlorobutadiene	13.707	225	92458	149.152	ug/l	100
95) Naphthalene	13.756	128	719433	164.296	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	233671	154.069	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048234.D
Acq On : 20 Oct 2025 12:43
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Oct 25 03:36:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

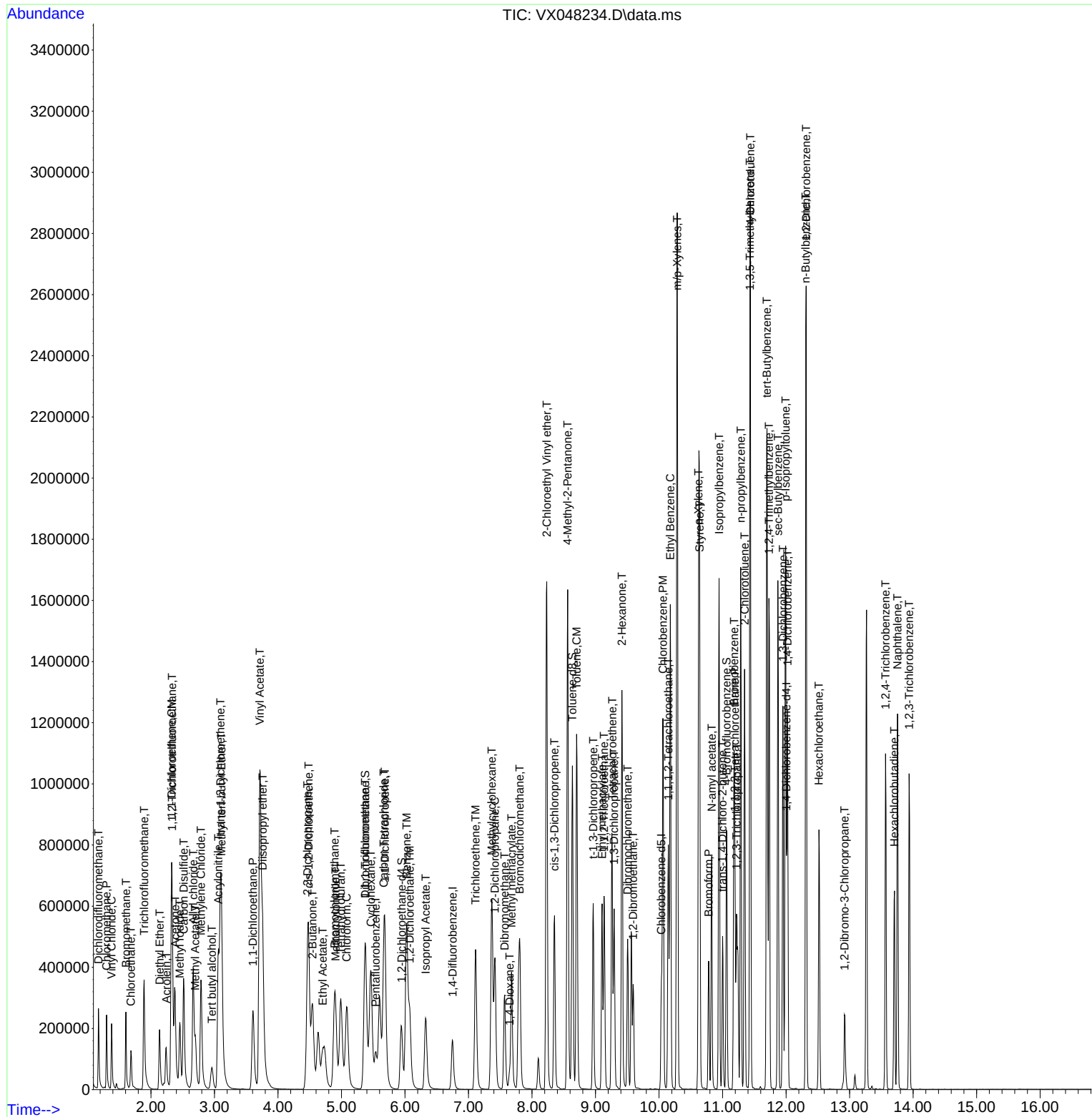
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

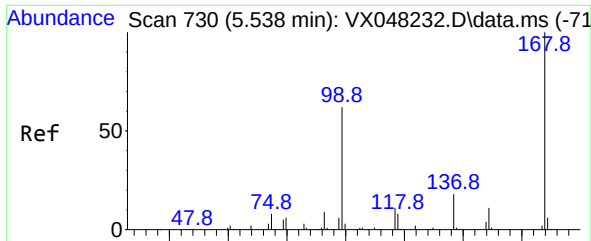
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048234.D
Acq On : 20 Oct 2025 12:43
Operator : JC/MD
Sample : VSTDIC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

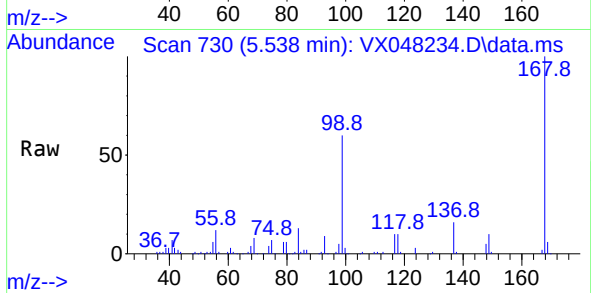
Quant Time: Oct 25 03:36:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration



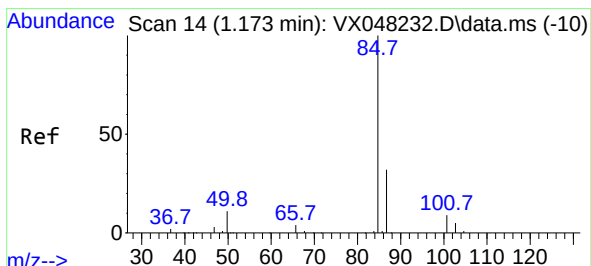
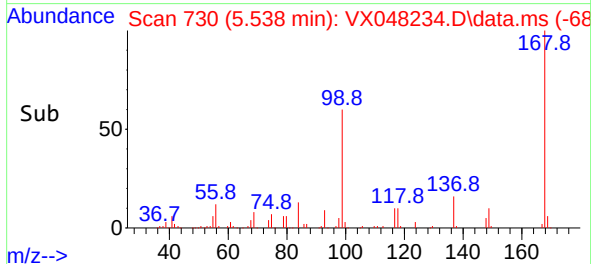
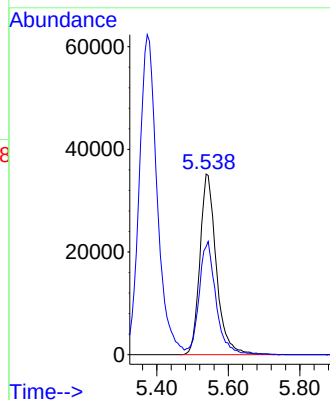


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

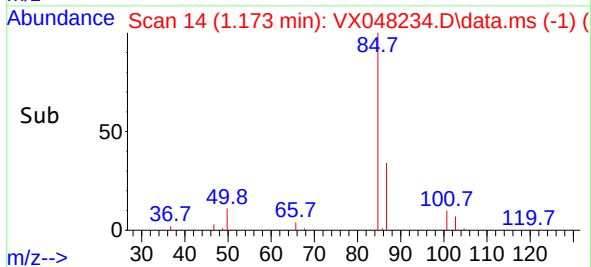
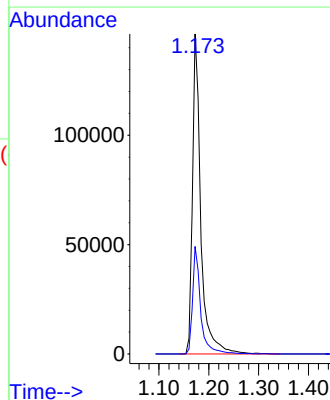
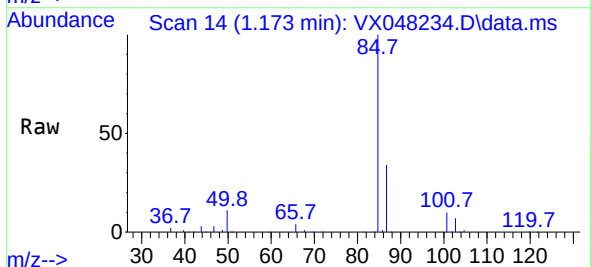


Tgt Ion:168 Resp: 112063
Ion Ratio Lower Upper
168 100
99 59.8 46.4 69.6

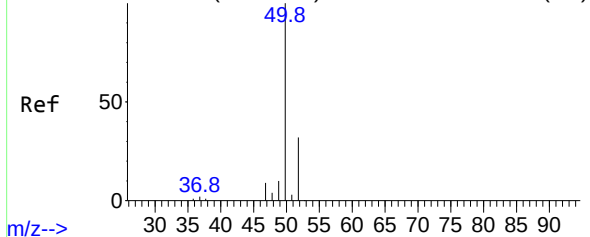


#2
Dichlorodifluoromethane
Concen: 147.144 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 85 Resp: 169514
Ion Ratio Lower Upper
85 100
87 33.6 15.3 45.9



Abundance Scan 35 (1.301 min): VX048232.D\data.ms (-30)



#3

Chloromethane

Concen: 147.234 ug/l

RT: 1.301 min Scan# 35

Delta R.T. -0.000 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

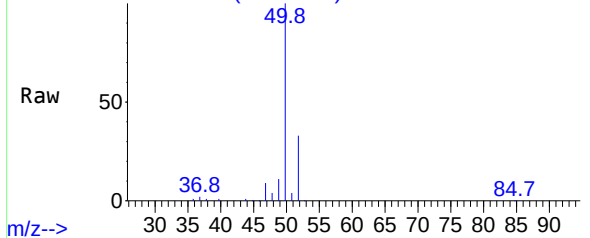
Tgt Ion: 50 Resp: 158322

Ion Ratio Lower Upper

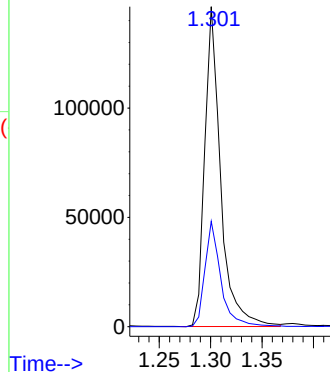
50 100

52 32.9 25.9 38.9

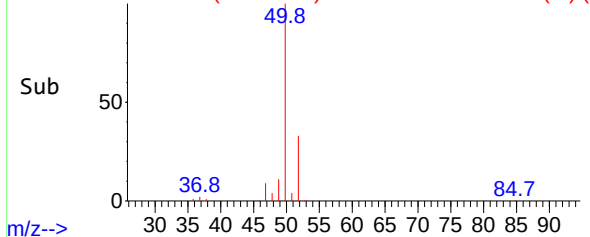
Abundance Scan 35 (1.301 min): VX048234.D\data.ms



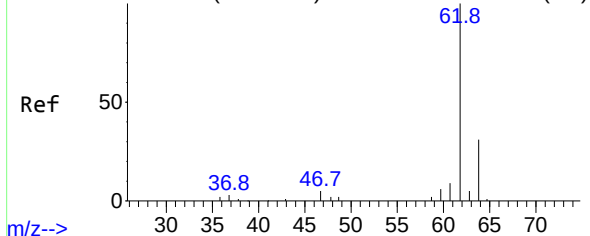
Abundance



Abundance Scan 35 (1.301 min): VX048234.D\data.ms (-1) (



Abundance Scan 48 (1.380 min): VX048232.D\data.ms (-43)



#4

Vinyl Chloride

Concen: 150.348 ug/l

RT: 1.380 min Scan# 48

Delta R.T. -0.000 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

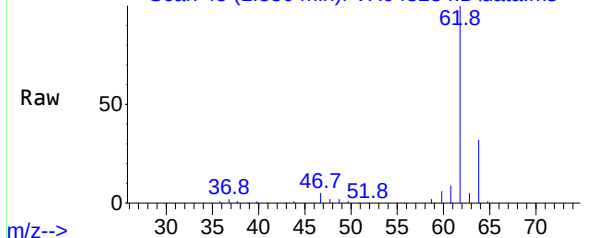
Tgt Ion: 62 Resp: 149708

Ion Ratio Lower Upper

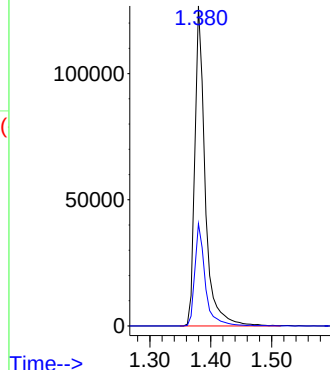
62 100

64 32.0 25.1 37.7

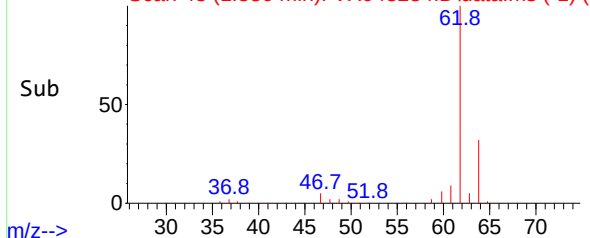
Abundance Scan 48 (1.380 min): VX048234.D\data.ms

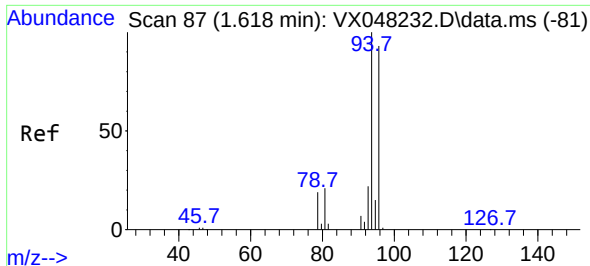


Abundance



Abundance Scan 48 (1.380 min): VX048234.D\data.ms (-1) (

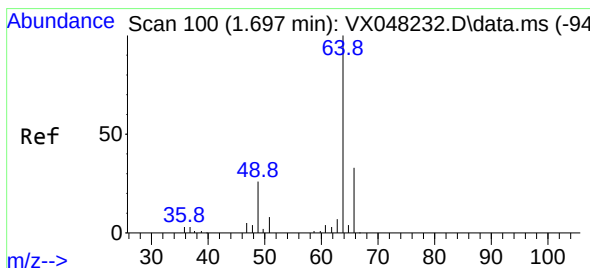
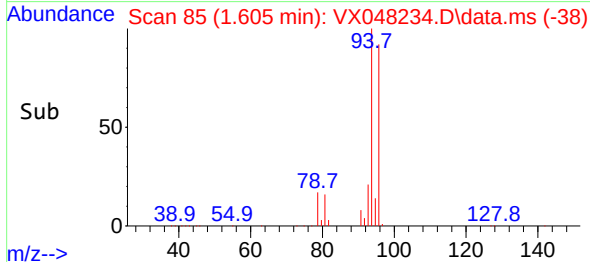
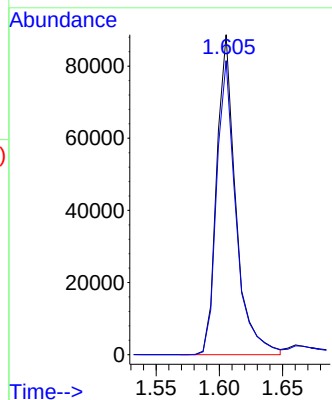
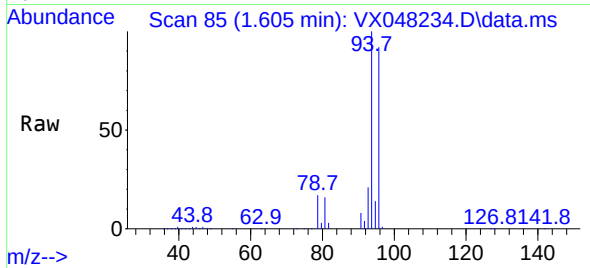




#5
Bromomethane
Concen: 137.542 ug/l
RT: 1.605 min Scan# 81
Delta R.T. -0.012 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

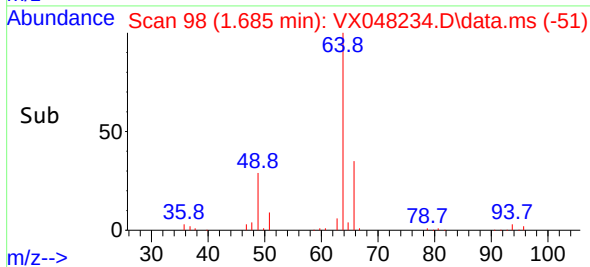
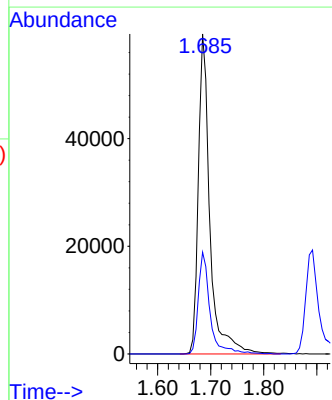
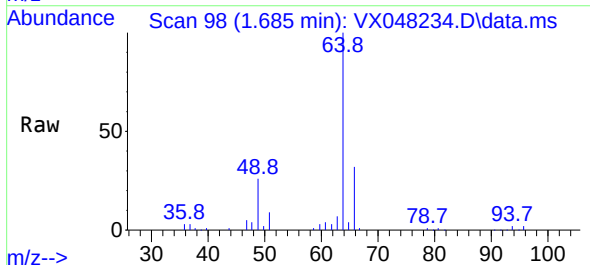
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 94 Resp: 92946
Ion Ratio Lower Upper
94 100
96 91.9 76.0 114.0

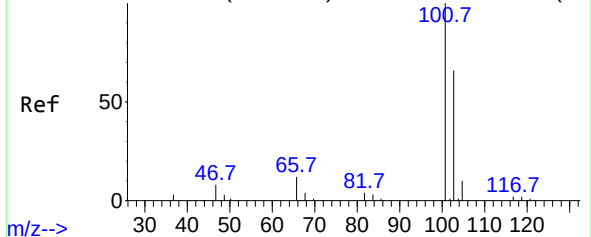


#6
Chloroethane
Concen: 153.495 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.012 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 64 Resp: 89813
Ion Ratio Lower Upper
64 100
66 31.8 23.9 35.9



Abundance Scan 133 (1.898 min): VX048232.D\data.ms (-12



#7

Trichlorofluoromethane

Concen: 152.907 ug/l

RT: 1.892 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

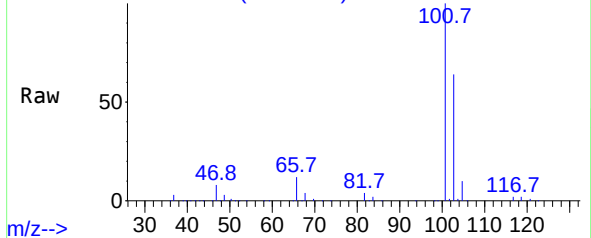
Tgt Ion:101 Resp: 292007

Ion Ratio Lower Upper

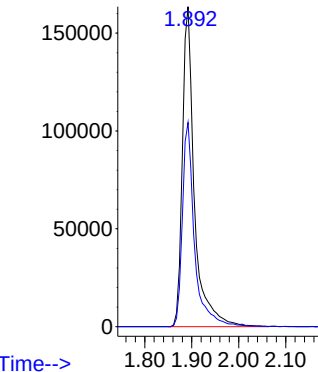
101 100

103 63.8 51.6 77.4

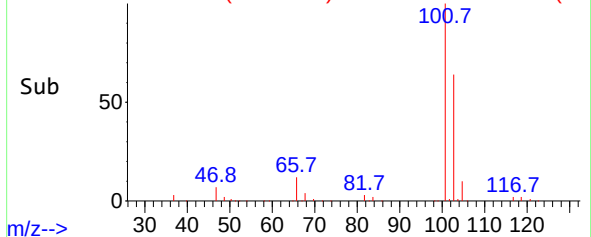
Abundance Scan 132 (1.892 min): VX048234.D\data.ms



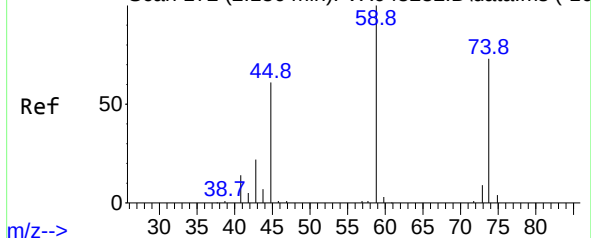
Abundance



Abundance Scan 132 (1.892 min): VX048234.D\data.ms (-84



Abundance Scan 172 (2.136 min): VX048232.D\data.ms (-16



#8

Diethyl Ether

Concen: 151.624 ug/l

RT: 2.136 min Scan# 172

Delta R.T. -0.000 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

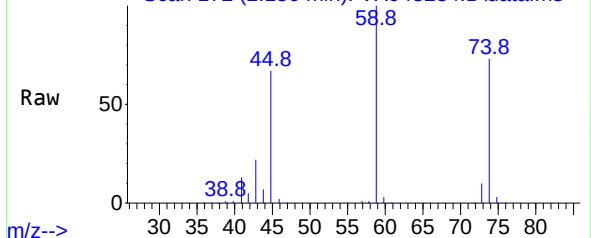
Tgt Ion: 74 Resp: 81474

Ion Ratio Lower Upper

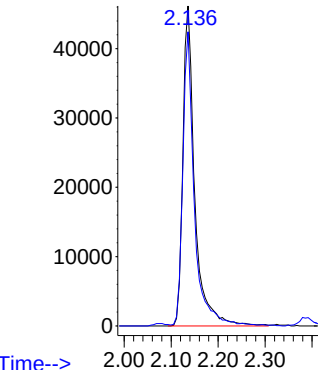
74 100

45 87.5 50.0 149.8

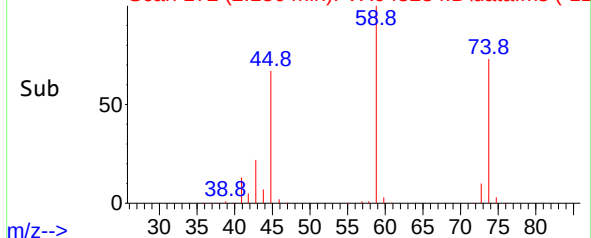
Abundance Scan 172 (2.136 min): VX048234.D\data.ms

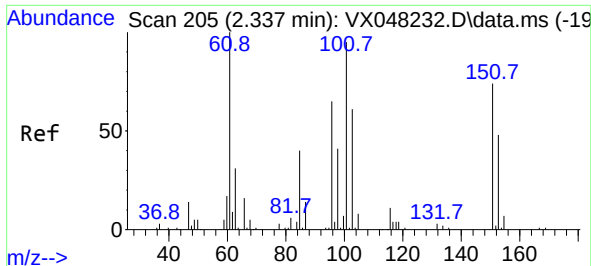


Abundance



Abundance Scan 172 (2.136 min): VX048234.D\data.ms (-12

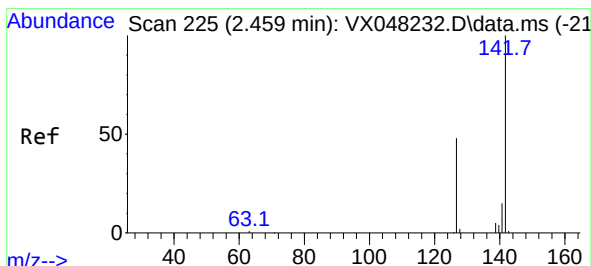
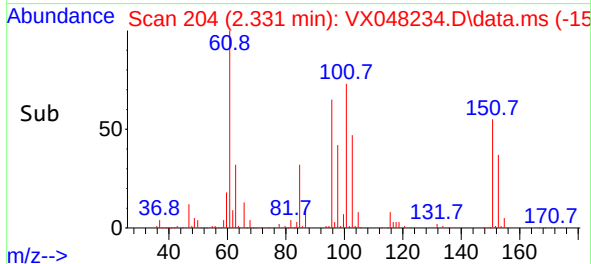
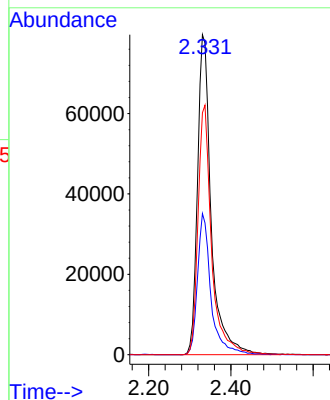
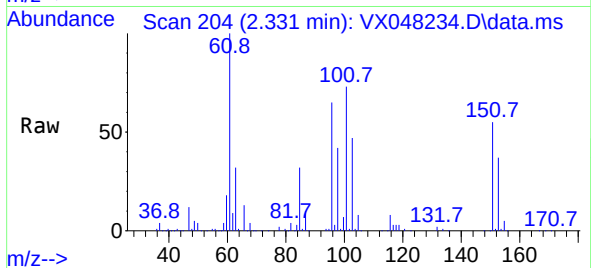




#9
1,1,2-Trichlorotrifluoroethane
Concen: 152.517 ug/l
RT: 2.331 min Scan# 205
Delta R.T. -0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

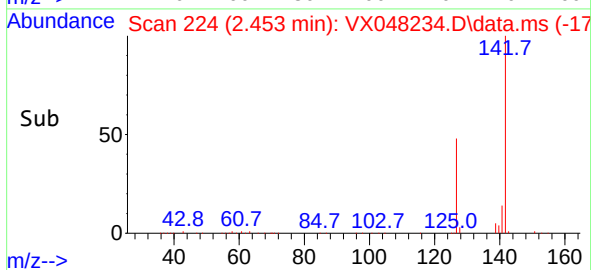
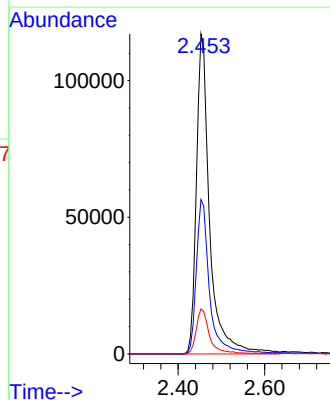
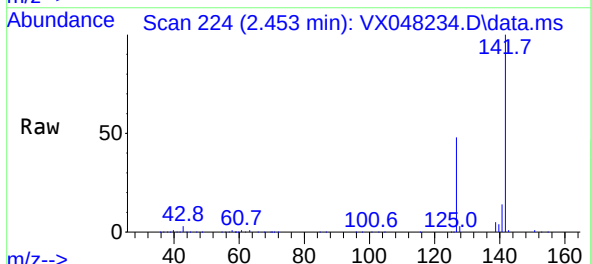
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

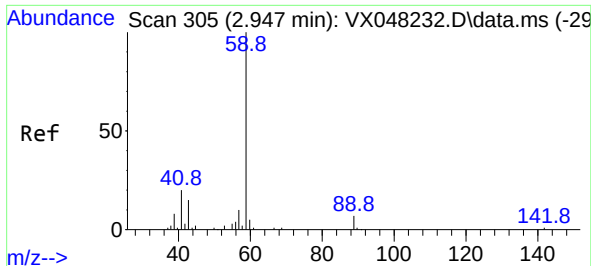
Tgt Ion:101 Resp: 184438
Ion Ratio Lower Upper
101 100
85 43.3 35.6 53.4
151 77.4 58.0 87.0



#10
Methyl Iodide
Concen: 164.048 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:142 Resp: 249395
Ion Ratio Lower Upper
142 100
127 48.2 38.5 57.7
141 14.0 11.6 17.4

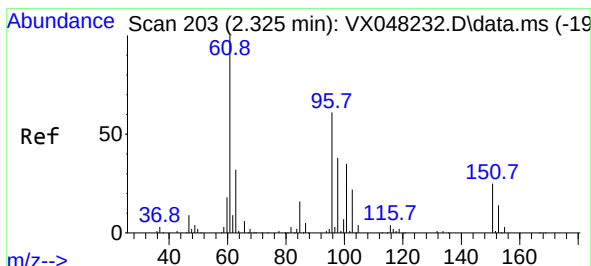
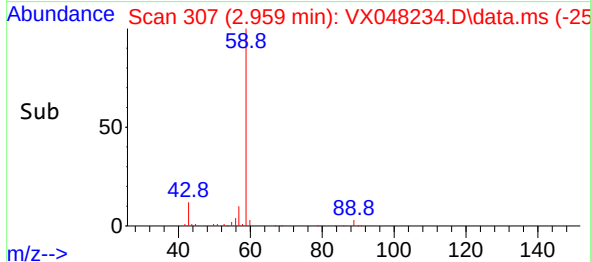
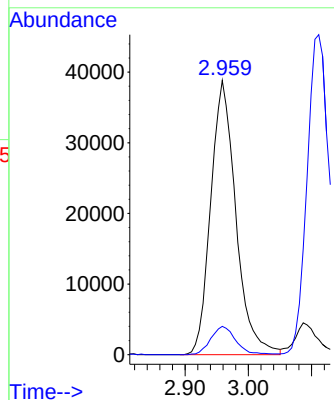
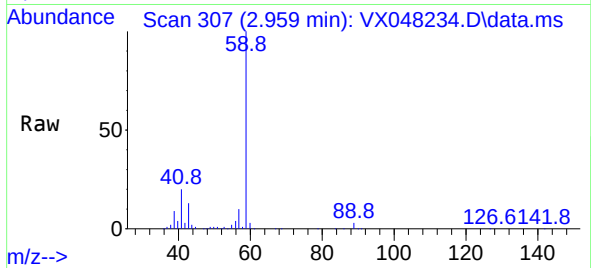




#11
Tert butyl alcohol
Concen: 687.786 ug/l
RT: 2.959 min Scan# 305
Delta R.T. 0.018 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

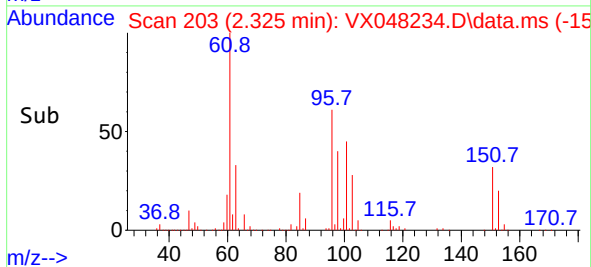
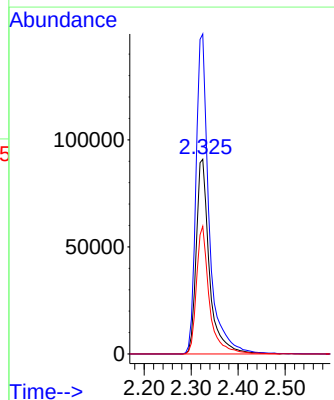
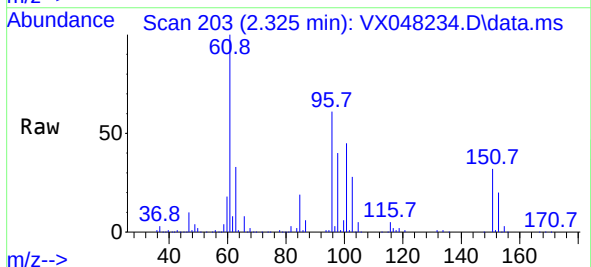
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

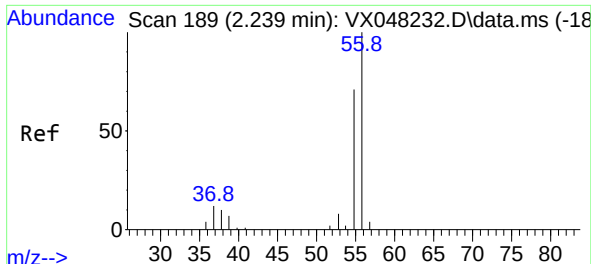
Tgt Ion: 59 Resp: 107295
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4



#12
1,1-Dichloroethene
Concen: 151.641 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 96 Resp: 178408
Ion Ratio Lower Upper
96 100
61 164.3 139.0 208.6
98 65.6 52.4 78.6

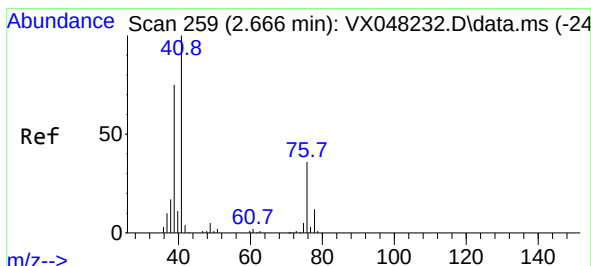
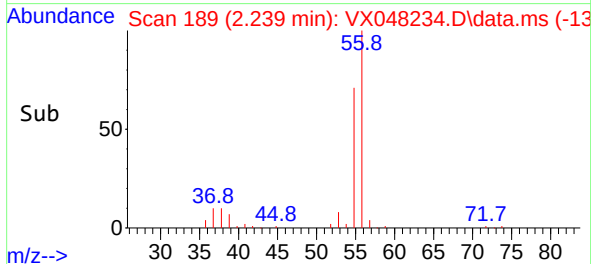
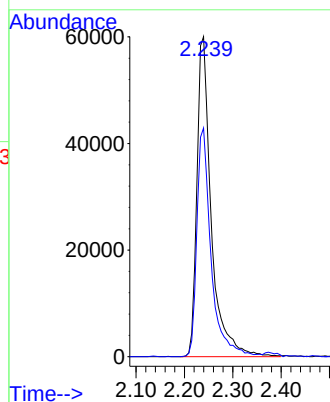
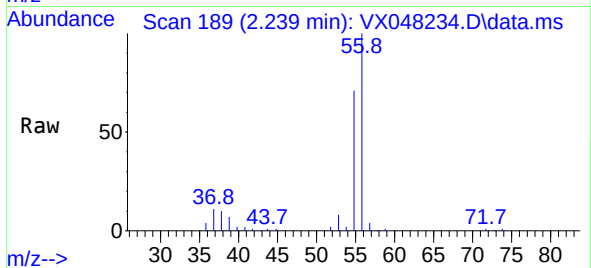




#13
Acrolein
Concen: 775.377 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

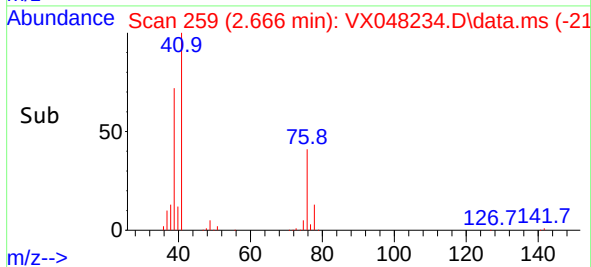
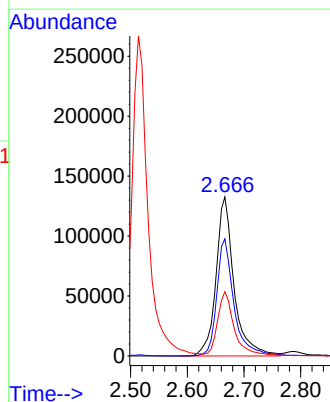
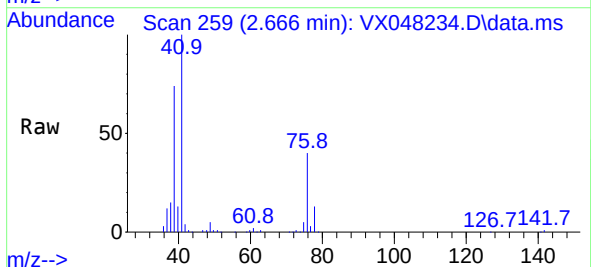
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

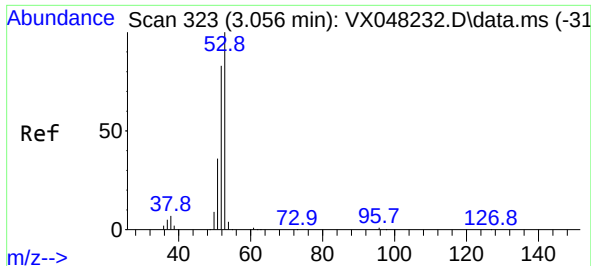
Tgt Ion: 56 Resp: 123365
Ion Ratio Lower Upper
56 100
55 70.7 56.1 84.1



#14
Allyl chloride
Concen: 150.358 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 41 Resp: 293697
Ion Ratio Lower Upper
41 100
39 70.5 56.0 84.0
76 37.7 27.5 41.3

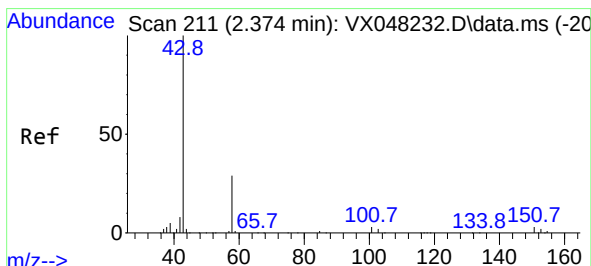
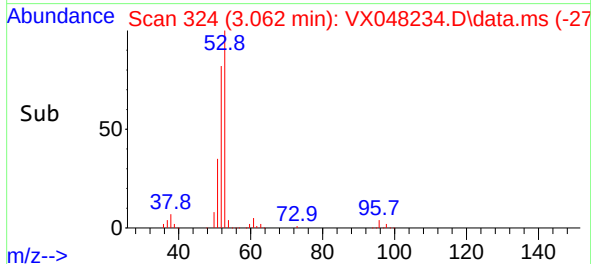
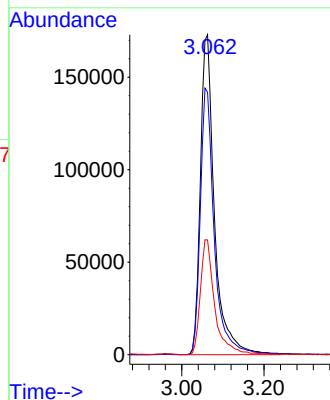
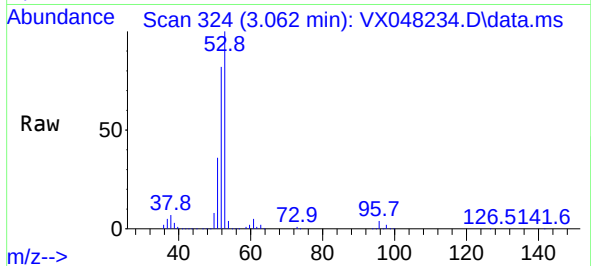




#15
Acrylonitrile
Concen: 734.001 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

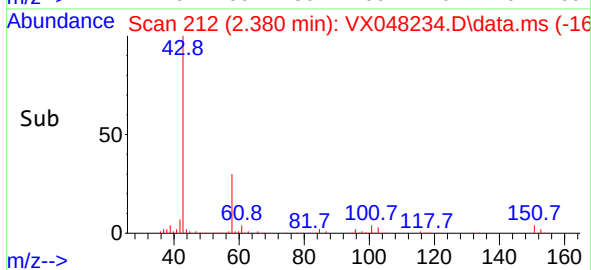
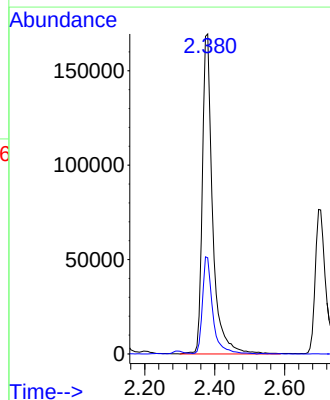
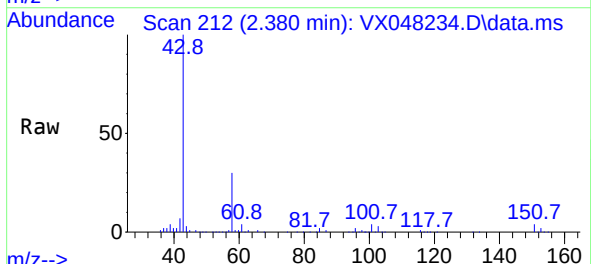
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

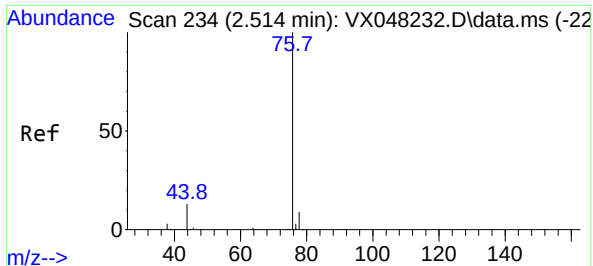
Tgt Ion: 53 Resp: 412892
Ion Ratio Lower Upper
53 100
52 82.7 66.1 99.1
51 36.5 29.0 43.4



#16
Acetone
Concen: 643.823 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 43 Resp: 347029
Ion Ratio Lower Upper
43 100
58 30.0 23.4 35.2

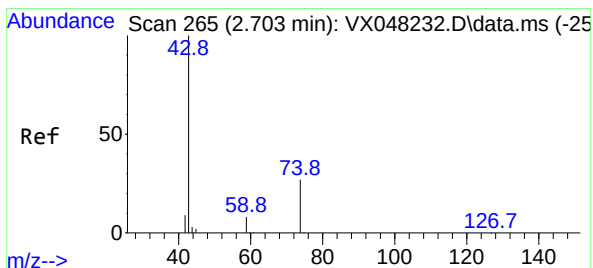
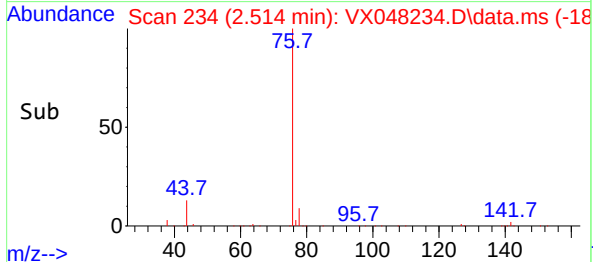
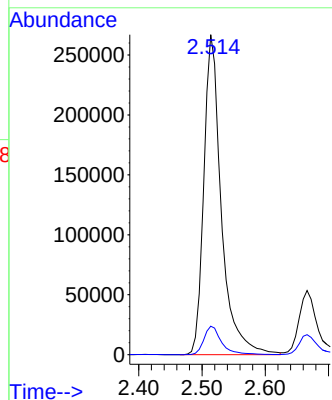
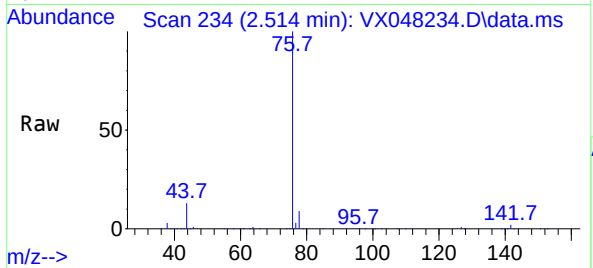




#17
Carbon Disulfide
Concen: 138.930 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

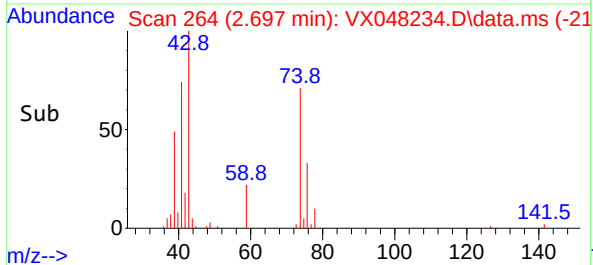
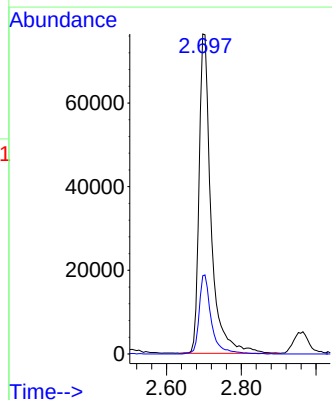
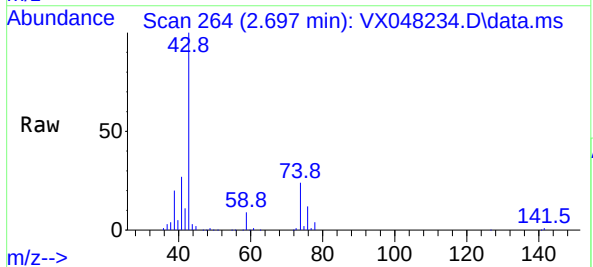
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

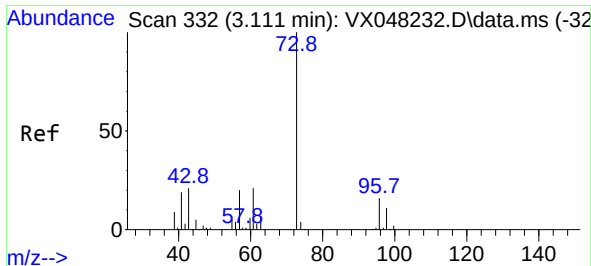
Tgt Ion: 76 Resp: 515144
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 150.489 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 43 Resp: 169402
Ion Ratio Lower Upper
43 100
74 25.2 17.5 26.3

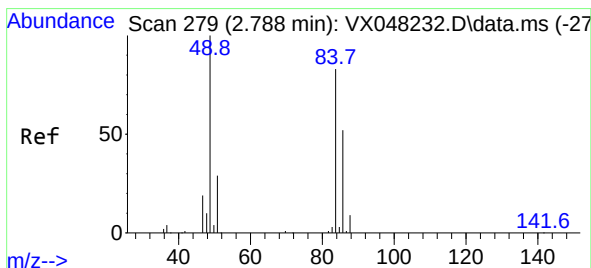
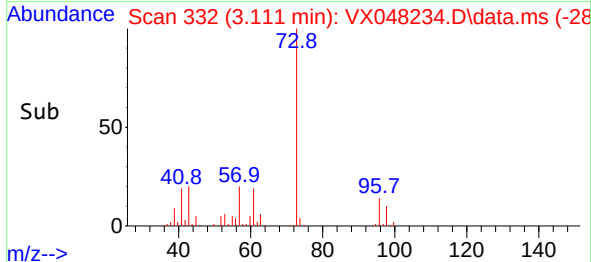
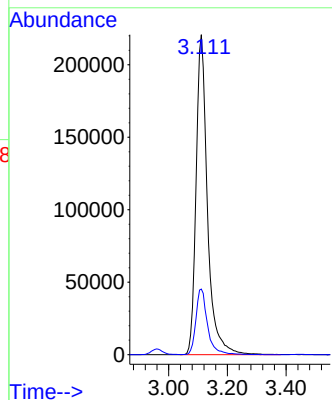
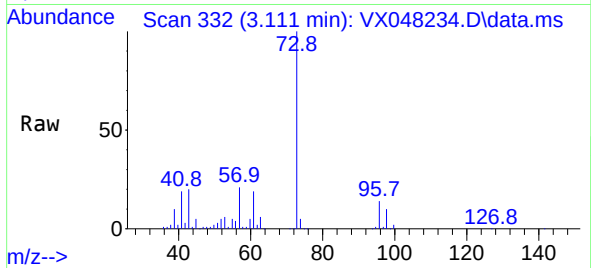




#19
Methyl tert-butyl Ether
Concen: 147.754 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

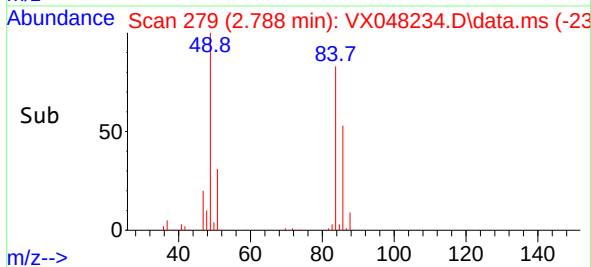
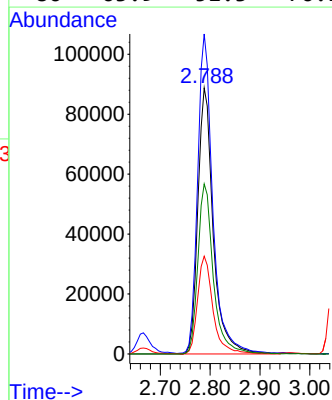
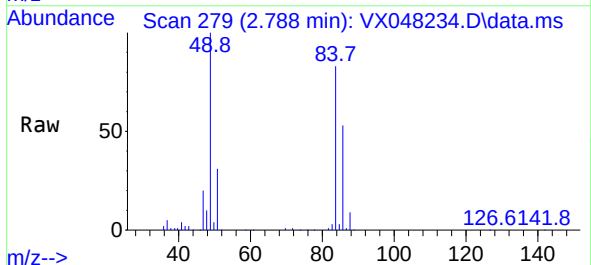
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

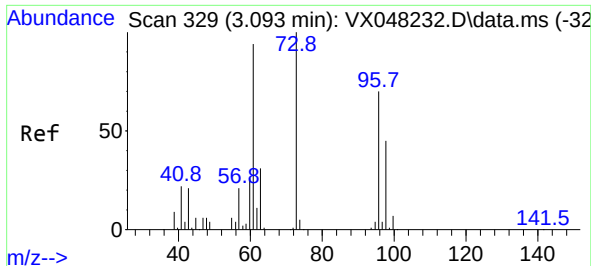
Tgt Ion: 73 Resp: 593033
Ion Ratio Lower Upper
73 100
57 20.5 17.7 26.5



#20
Methylene Chloride
Concen: 145.034 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 84 Resp: 190483
Ion Ratio Lower Upper
84 100
49 120.0 104.1 156.1
51 36.7 31.3 46.9
86 63.9 51.3 76.9

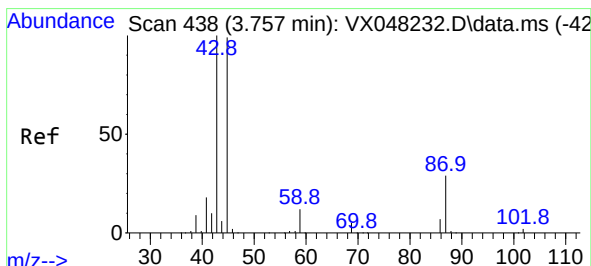
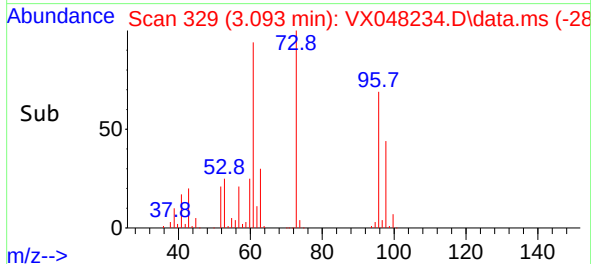
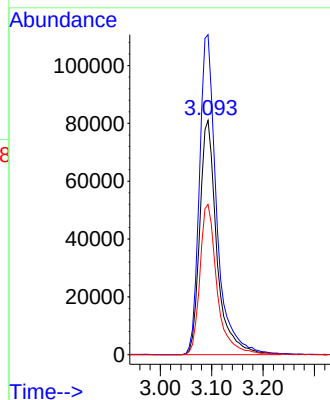
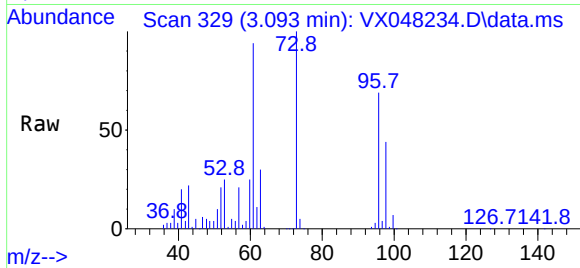




#21
trans-1,2-Dichloroethene
Concen: 145.082 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

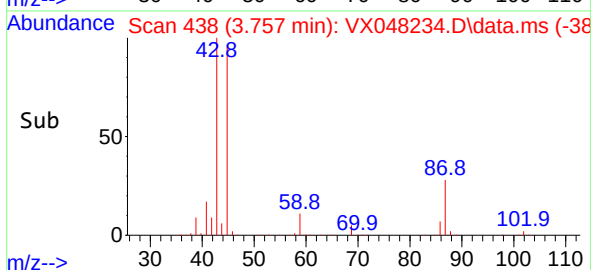
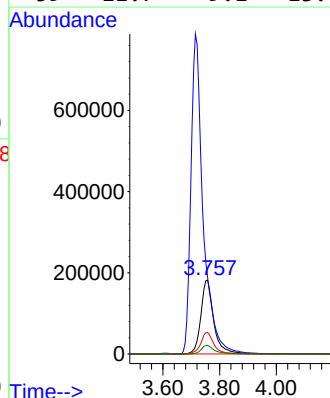
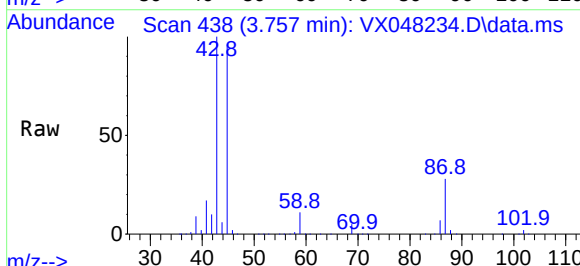
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

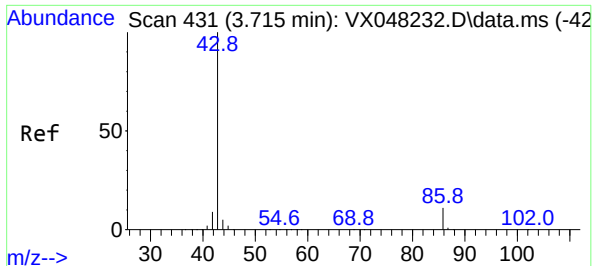
Tgt Ion: 96 Resp: 187495
Ion Ratio Lower Upper
96 100
61 136.6 111.9 167.9
98 64.1 51.2 76.8



#22
Diisopropyl ether
Concen: 146.807 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 45 Resp: 571951
Ion Ratio Lower Upper
45 100
43 104.2 89.8 134.8
87 29.4 20.6 31.0
59 11.7 9.1 13.7

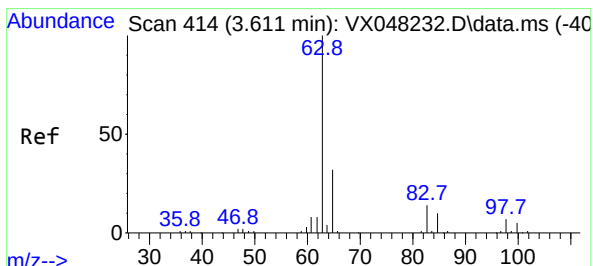
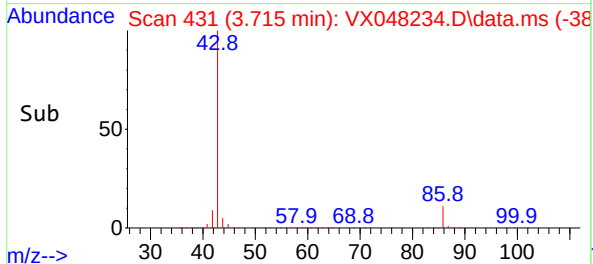
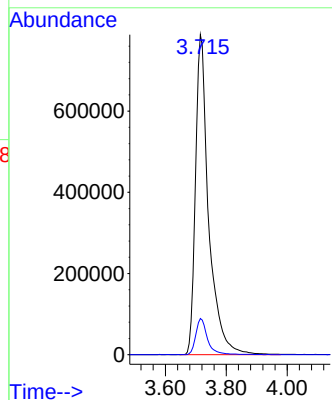
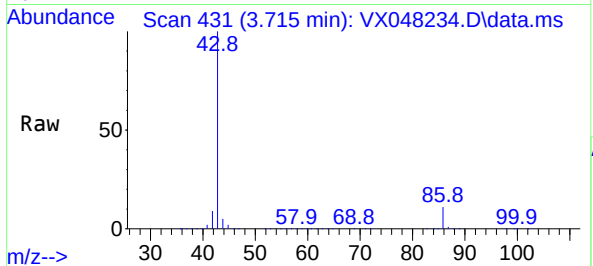




#23
 Vinyl Acetate
 Concen: 760.744 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX048234.D
 Acq: 20 Oct 2025 12:43

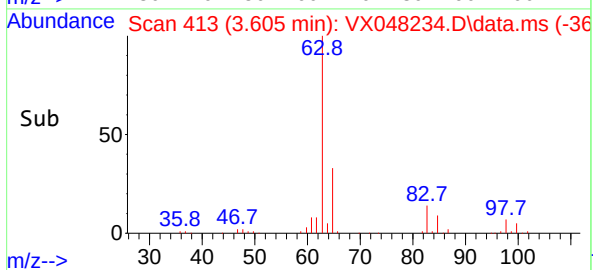
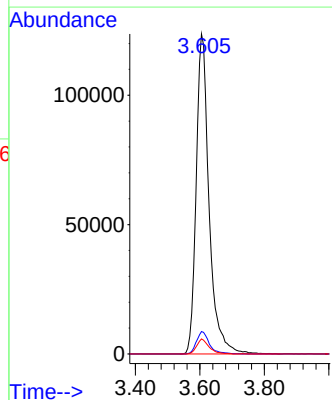
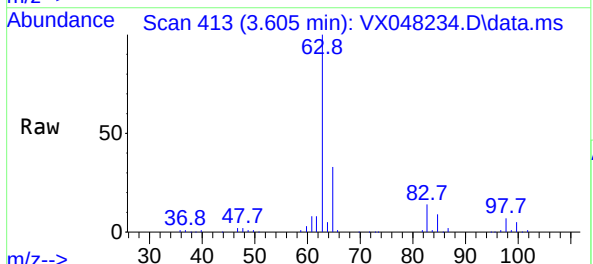
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

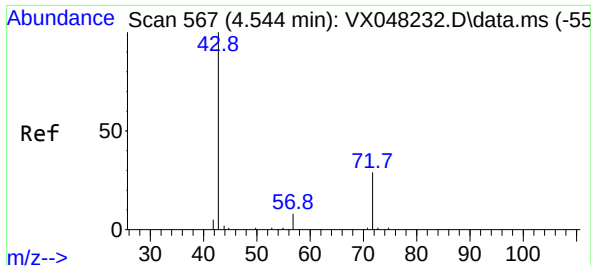
Tgt Ion: 43 Resp: 2367511
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 145.389 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX048234.D
 Acq: 20 Oct 2025 12:43

Tgt Ion: 63 Resp: 342500
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.6
 100 4.7 2.1 6.3

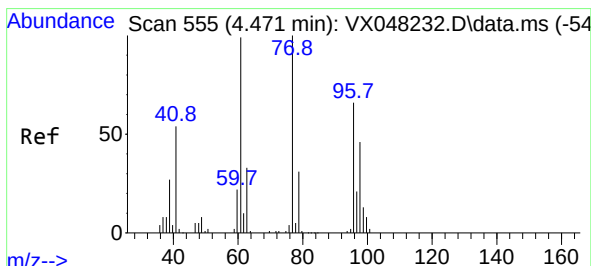
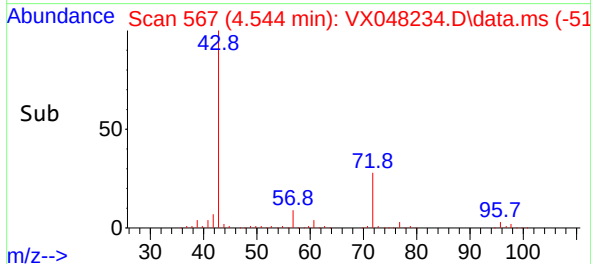
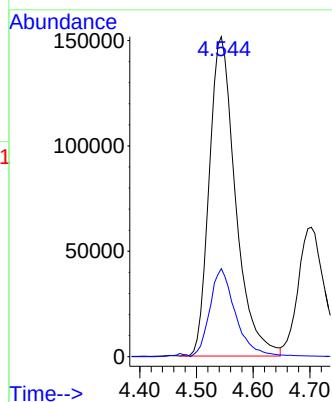
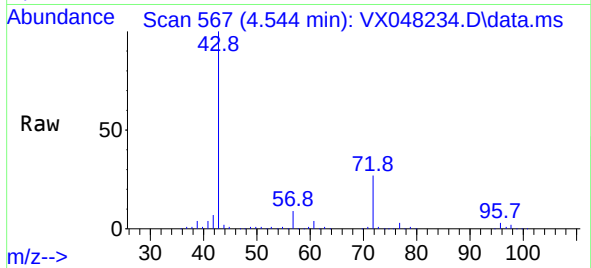




#25
2-Butanone
Concen: 714.037 ug/l
RT: 4.544 min Scan# 567
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

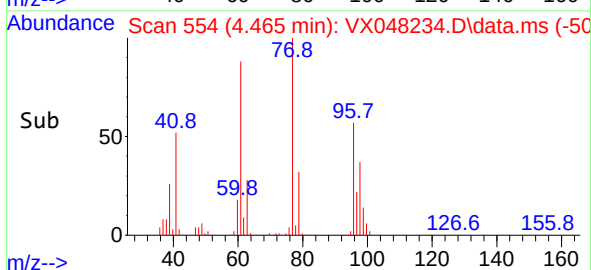
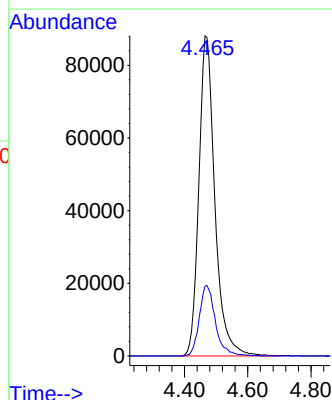
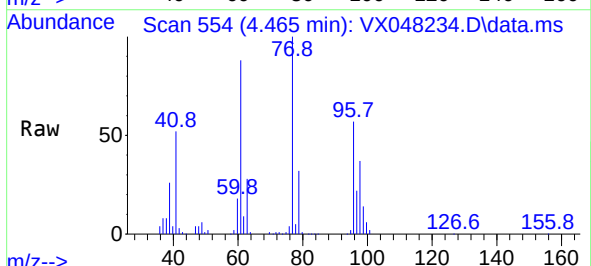
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

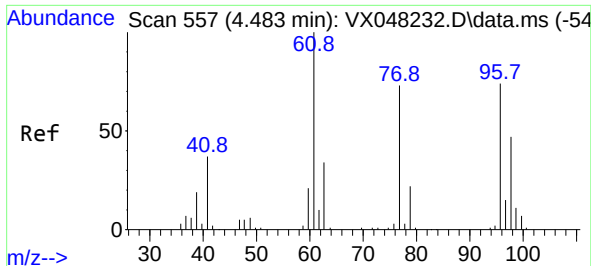
Tgt Ion: 43 Resp: 487152
Ion Ratio Lower Upper
43 100
72 27.0 19.9 29.9



#26
2,2-Dichloropropane
Concen: 146.061 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 77 Resp: 310572
Ion Ratio Lower Upper
77 100
97 22.2 11.1 33.3



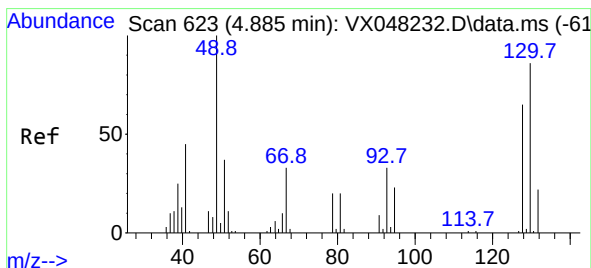
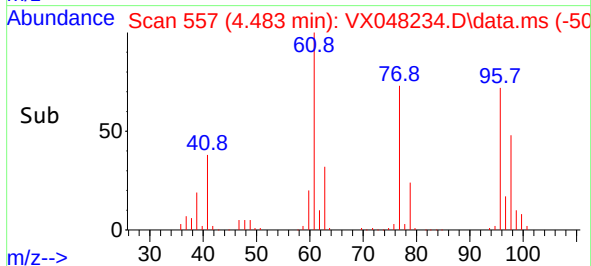
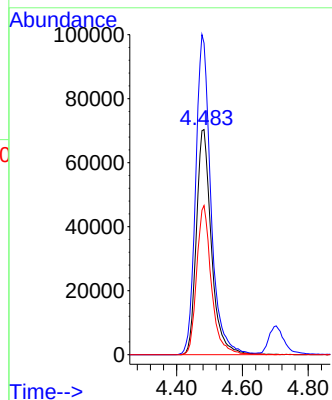
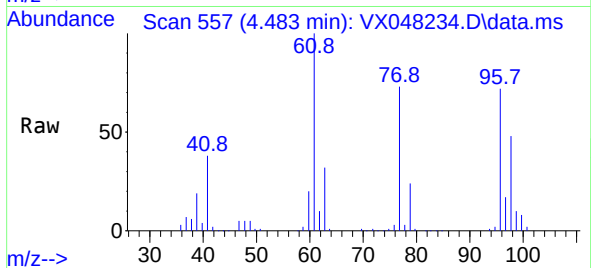


#27
 cis-1,2-Dichloroethene
 Concen: 147.429 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX048234.D
 Acq: 20 Oct 2025 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 96 Resp: 222359

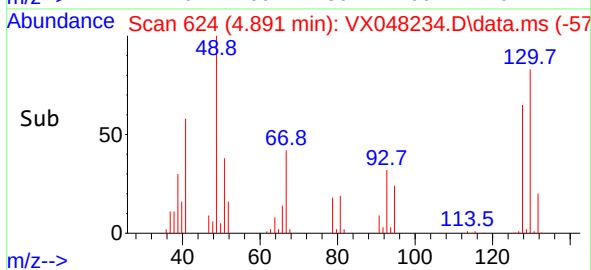
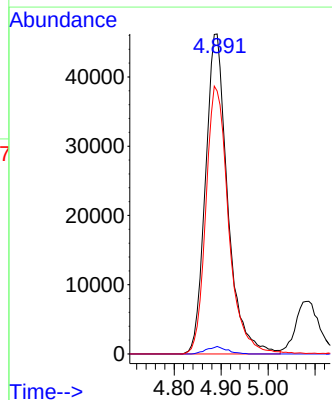
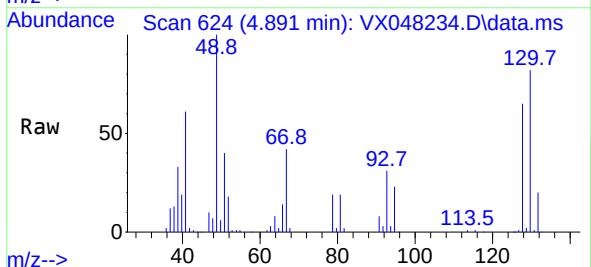
Ion	Ratio	Lower	Upper
96	100		
61	144.4	0.0	294.2
98	65.1	0.0	128.4

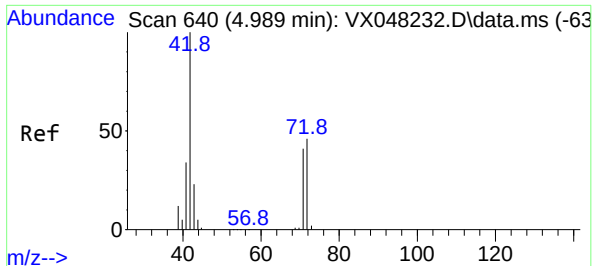


#28
 Bromochloromethane
 Concen: 155.420 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. 0.006 min
 Lab File: VX048234.D
 Acq: 20 Oct 2025 12:43

Tgt Ion: 49 Resp: 151812

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	85.6	59.3	88.9

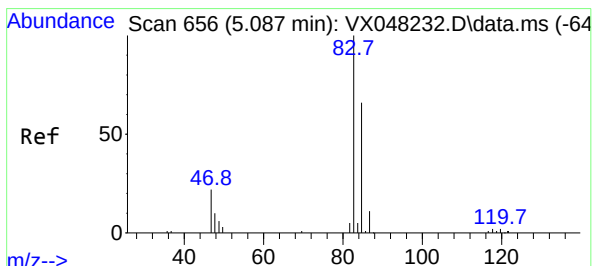
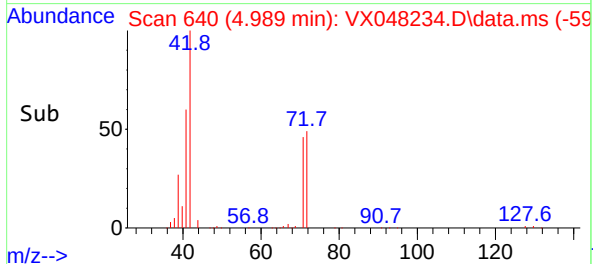
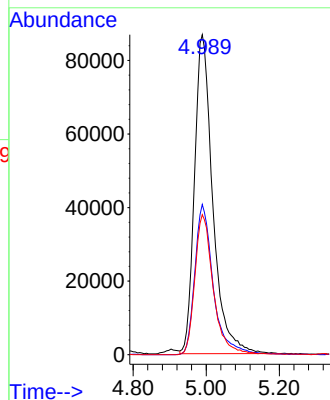
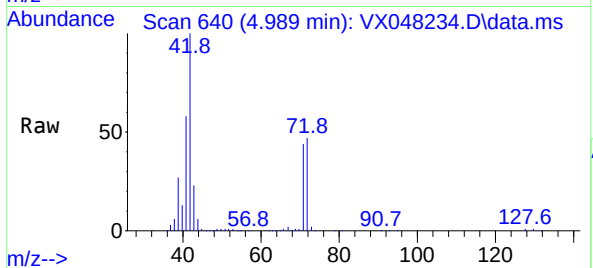




#29
Tetrahydrofuran
Concen: 738.481 ug/l
RT: 4.989 min Scan# 640
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

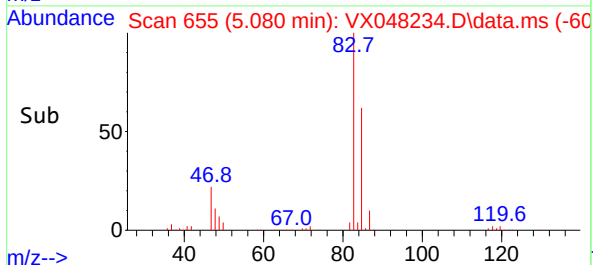
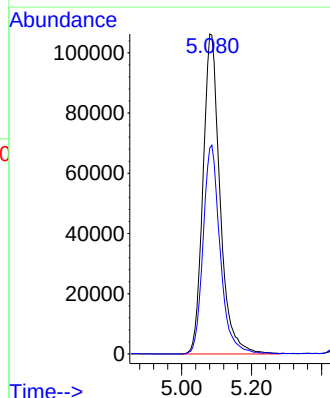
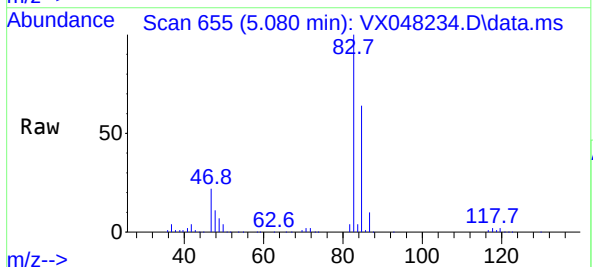
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

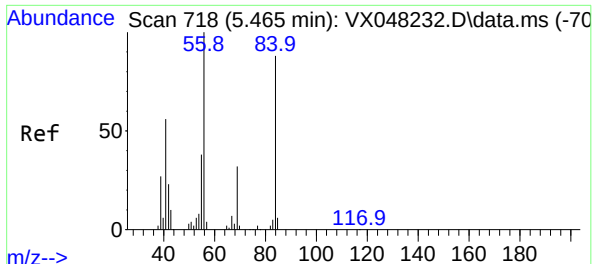
Tgt Ion: 42 Resp: 301745
Ion Ratio Lower Upper
42 100
72 47.8 35.3 52.9
71 44.1 32.2 48.4



#30
Chloroform
Concen: 142.490 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 83 Resp: 358626
Ion Ratio Lower Upper
83 100
85 64.3 50.1 75.1



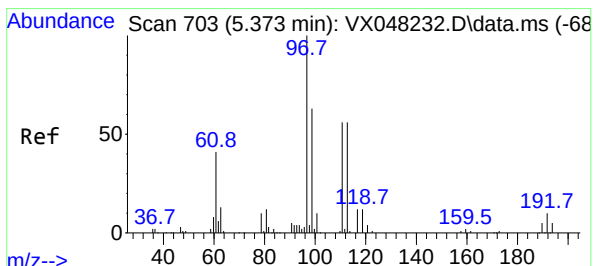
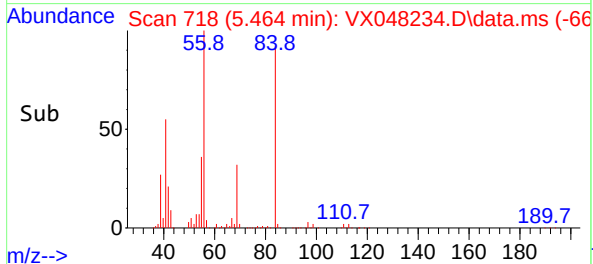
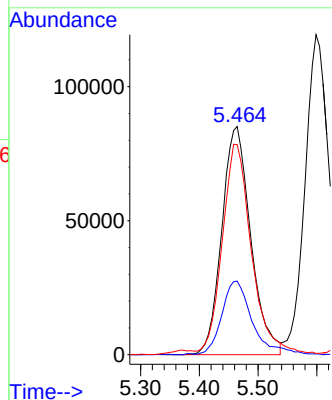
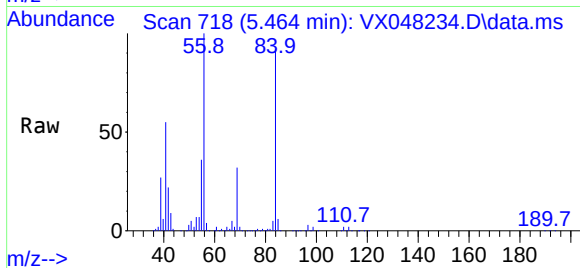


#31
Cyclohexane
Concen: 149.360 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 56 Resp: 291302

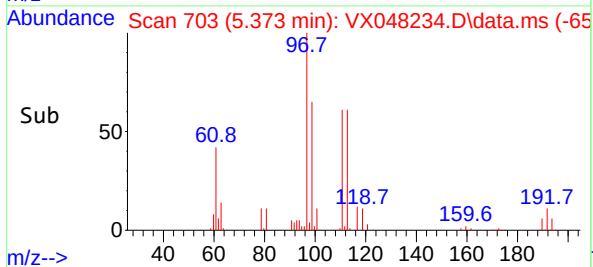
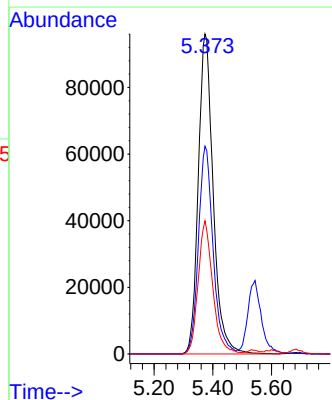
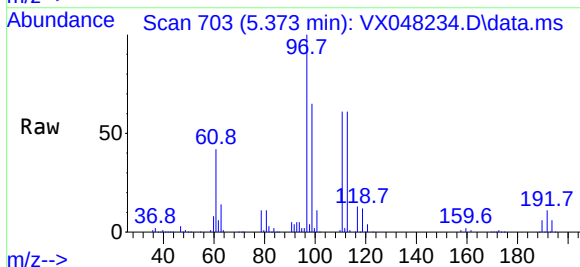
Ion	Ratio	Lower	Upper
56	100		
69	32.3	23.0	34.6
84	90.1	64.6	97.0

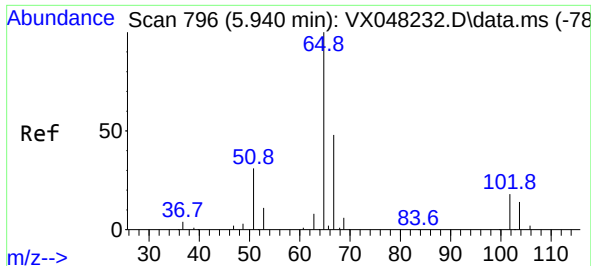


#32
1,1,1-Trichloroethane
Concen: 145.916 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 97 Resp: 338462

Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.7	77.5
61	40.8	34.8	52.2

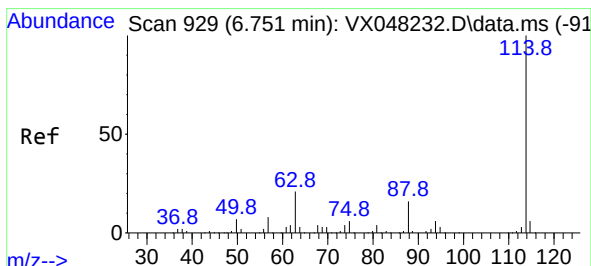
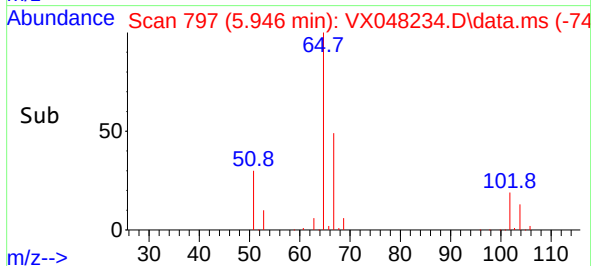
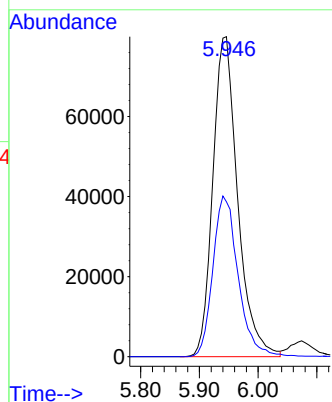
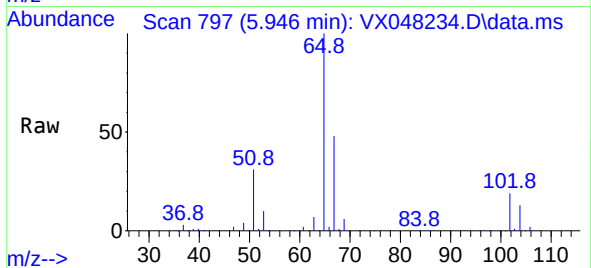




#33
1,2-Dichloroethane-d4
Concen: 149.444 ug/l
RT: 5.946 min Scan# 796
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

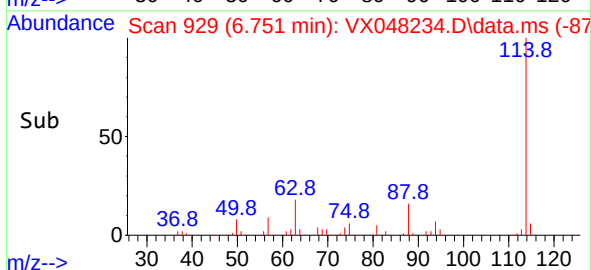
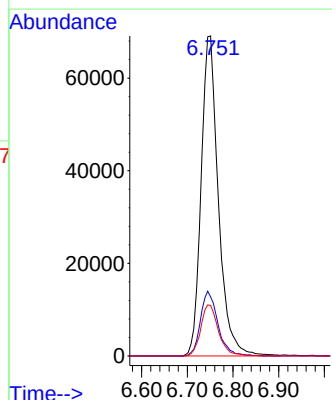
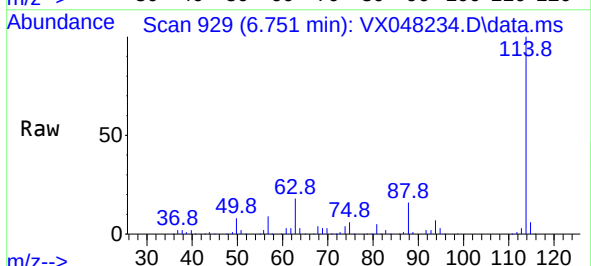
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

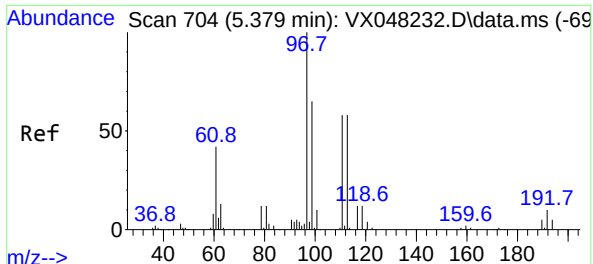
Tgt Ion: 65 Resp: 234807
Ion Ratio Lower Upper
65 100
67 51.2 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 114 Resp: 180904
Ion Ratio Lower Upper
114 100
63 18.4 0.0 43.2
88 15.8 0.0 33.6

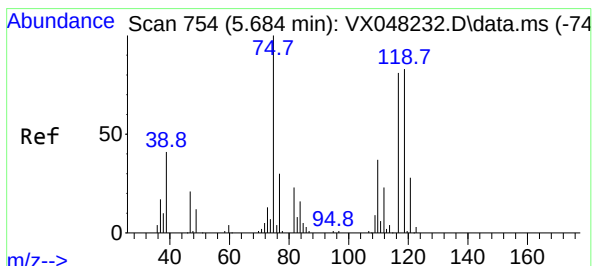
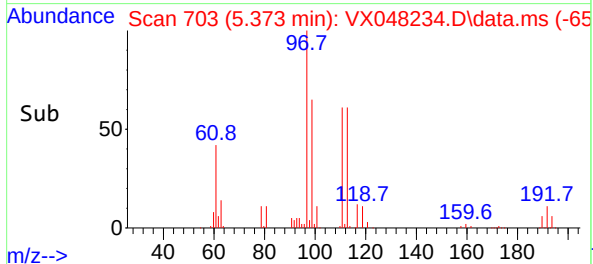
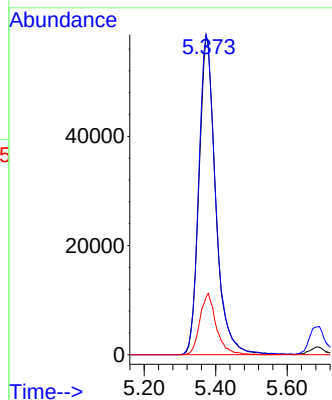
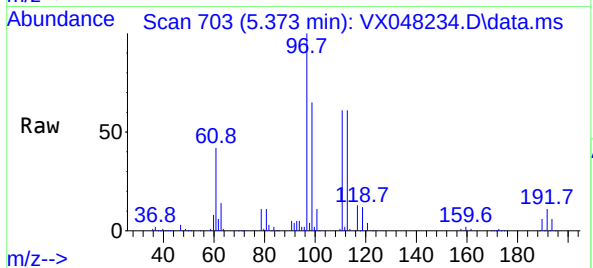




#35
Dibromofluoromethane
Concen: 152.889 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

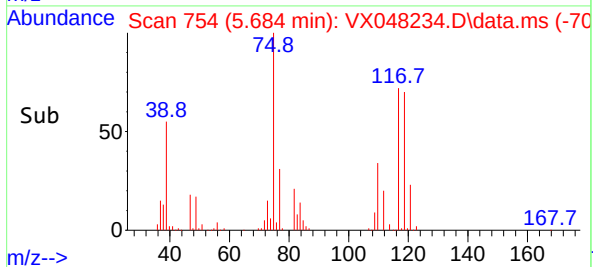
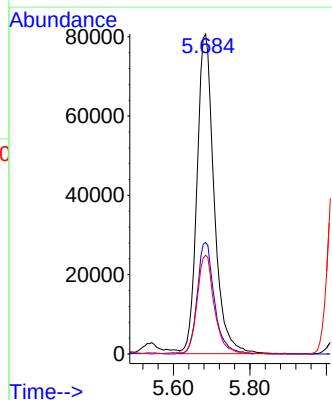
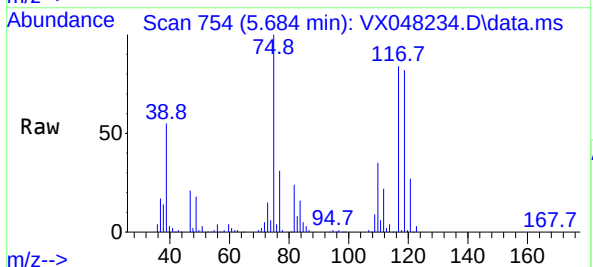
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

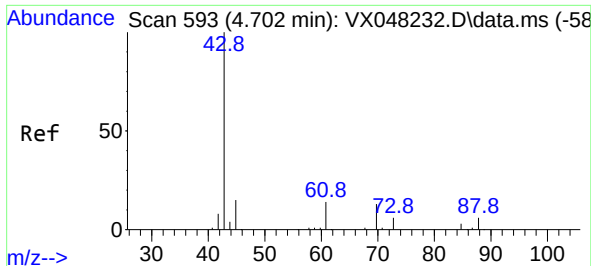
Tgt Ion:113 Resp: 188821
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.4
192 18.8 15.1 22.7



#36
1,1-Dichloropropene
Concen: 142.243 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 75 Resp: 249688
Ion Ratio Lower Upper
75 100
110 35.0 17.7 53.1
77 31.2 24.3 36.5





#37

Ethyl Acetate

Concen: 143.380 ug/l

RT: 4.702 min Scan# 593

Delta R.T. 0.006 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

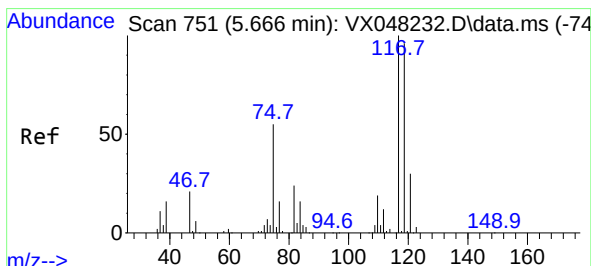
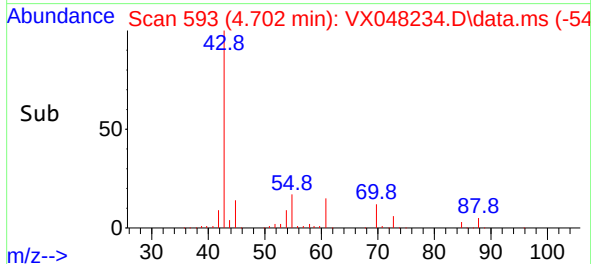
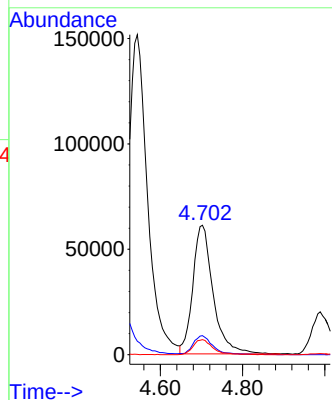
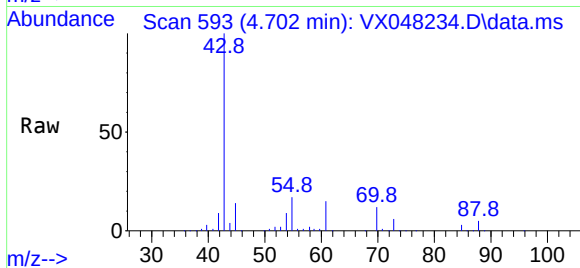
Tgt Ion: 43 Resp: 208614

Ion Ratio Lower Upper

43 100

61 14.1 10.6 15.8

70 11.2 7.8 11.6



#38

Carbon Tetrachloride

Concen: 142.169 ug/l

RT: 5.666 min Scan# 751

Delta R.T. -0.000 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

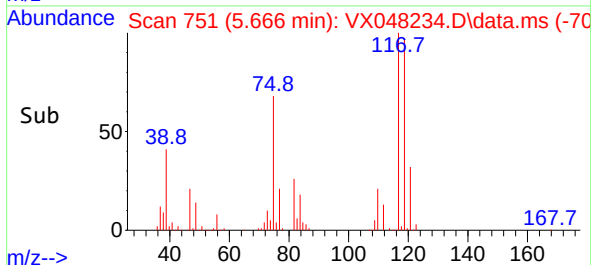
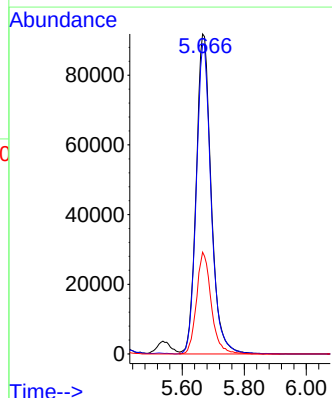
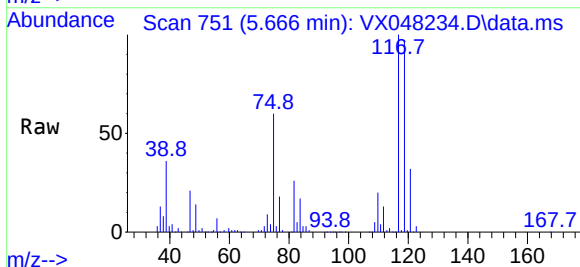
Tgt Ion: 117 Resp: 307892

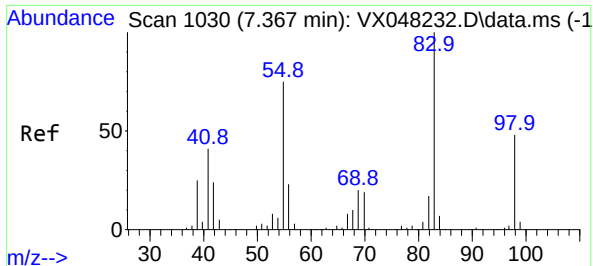
Ion Ratio Lower Upper

117 100

119 96.6 77.2 115.8

121 31.8 24.8 37.2





#39

Methylcyclohexane

Concen: 152.387 ug/l

RT: 7.367 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

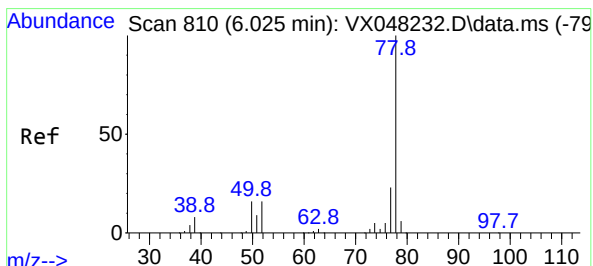
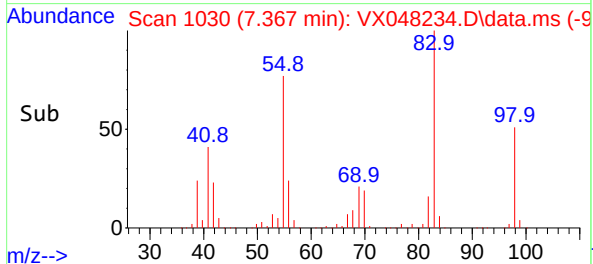
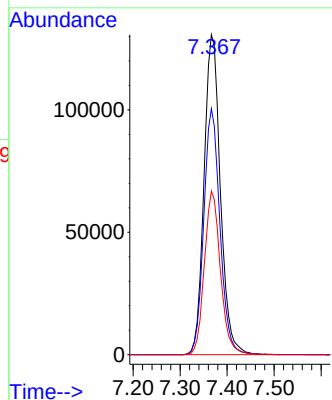
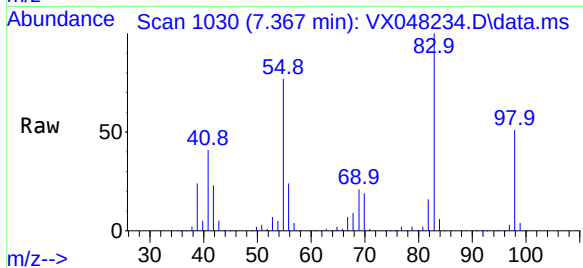
Tgt Ion: 83 Resp: 315911

Ion Ratio Lower Upper

83 100

55 76.9 66.2 99.2

98 51.1 38.9 58.3



#40

Benzene

Concen: 143.416 ug/l

RT: 6.025 min Scan# 810

Delta R.T. -0.000 min

Lab File: VX048234.D

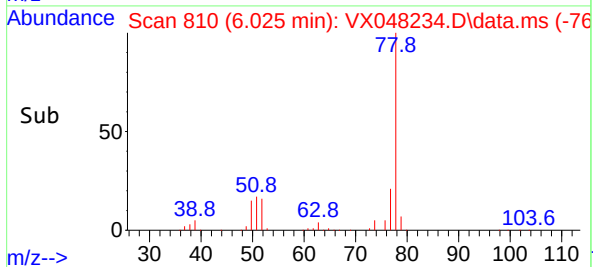
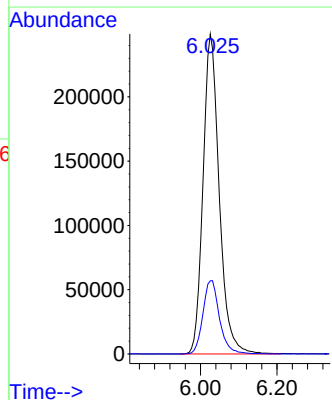
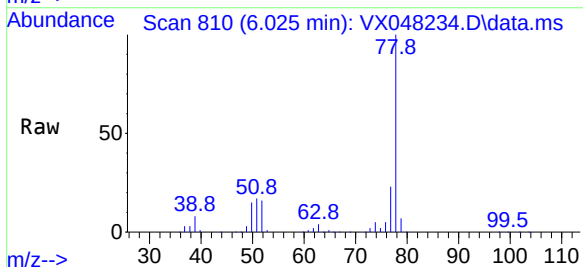
Acq: 20 Oct 2025 12:43

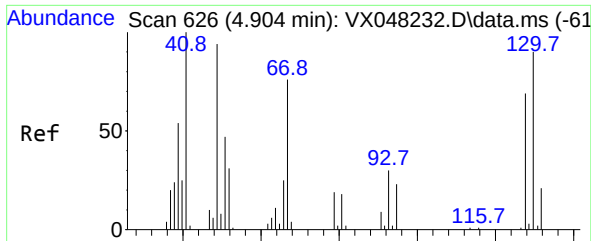
Tgt Ion: 78 Resp: 730908

Ion Ratio Lower Upper

78 100

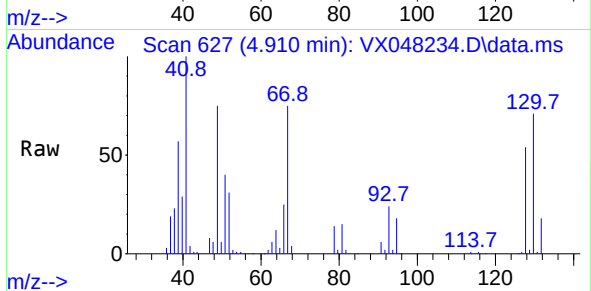
77 22.8 19.3 28.9



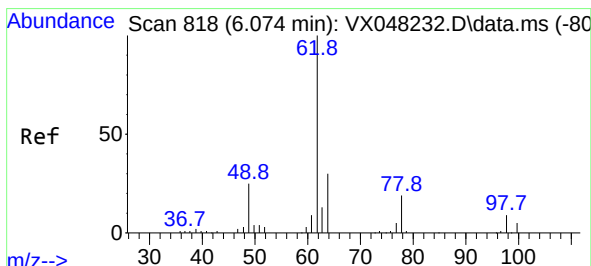
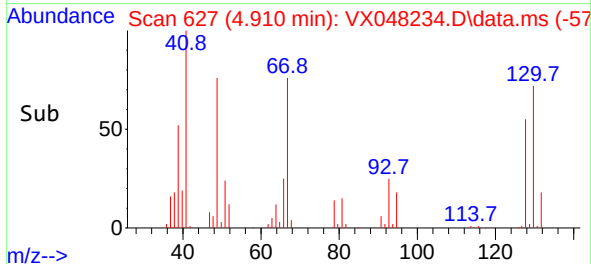
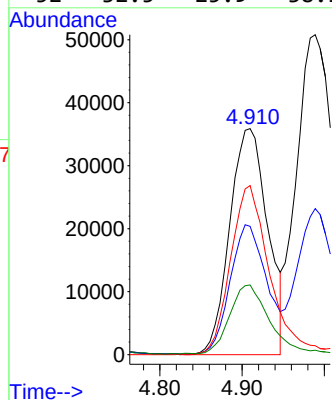


#41
Methacrylonitrile
Concen: 150.966 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

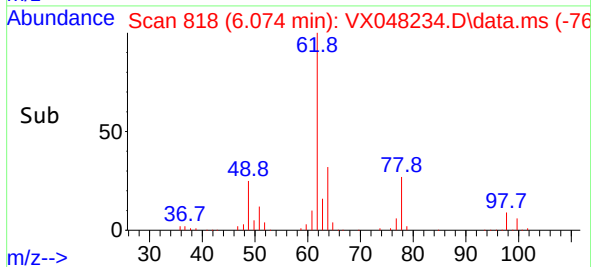
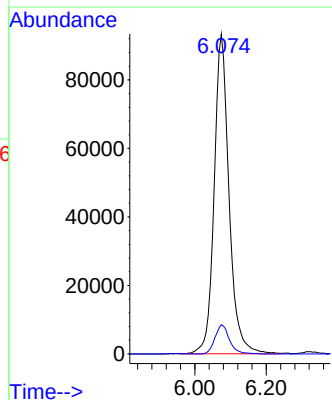
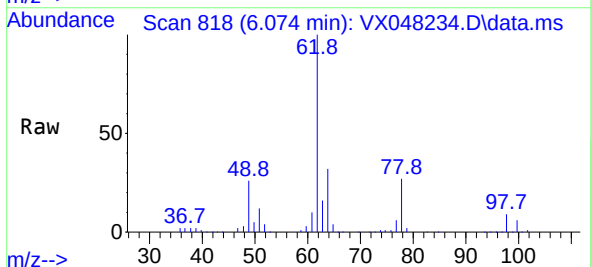


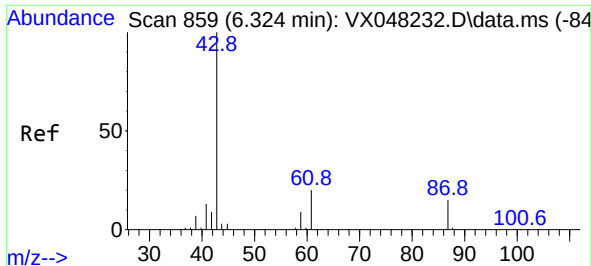
Tgt Ion: 41 Resp: 115351
Ion Ratio Lower Upper
41 100
39 55.0 44.0 66.0
67 78.1 58.7 88.1
52 32.5 25.9 38.9



#42
1,2-Dichloroethane
Concen: 143.169 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 62 Resp: 269245
Ion Ratio Lower Upper
62 100
98 8.9 0.0 17.2

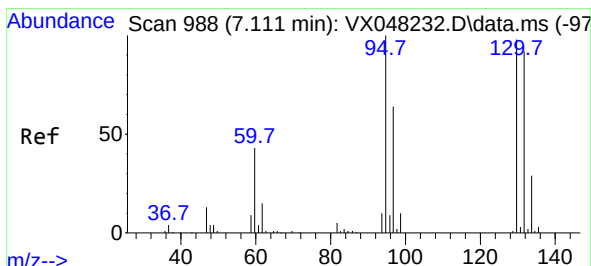
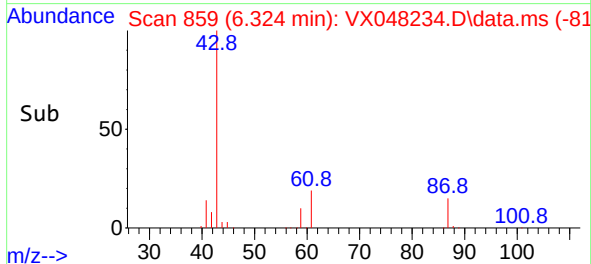
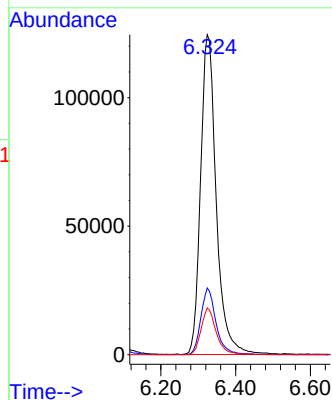
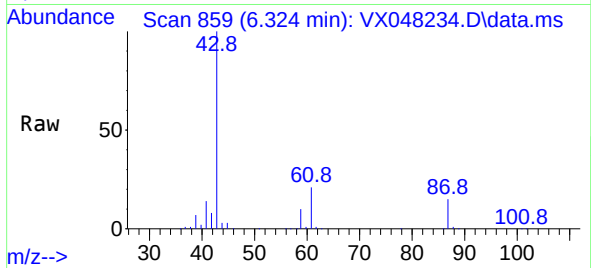




#43
Isopropyl Acetate
Concen: 151.084 ug/l
RT: 6.324 min Scan# 859
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

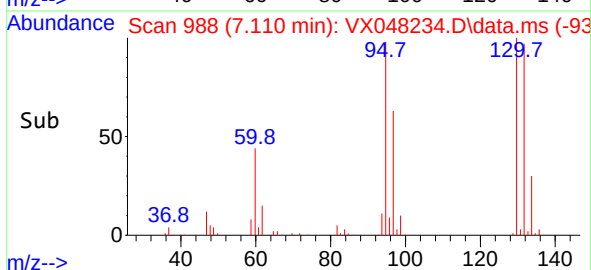
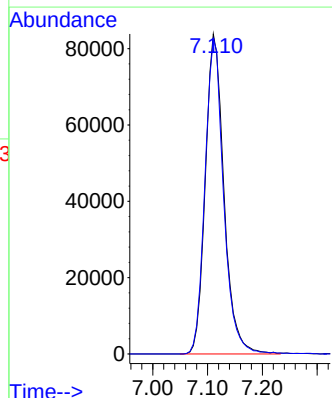
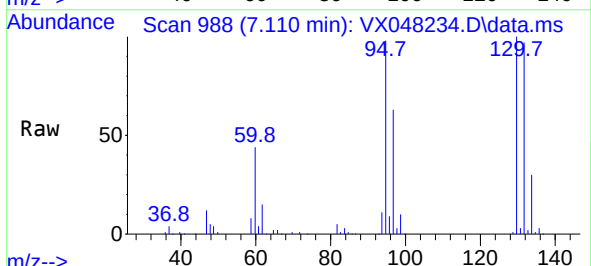
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

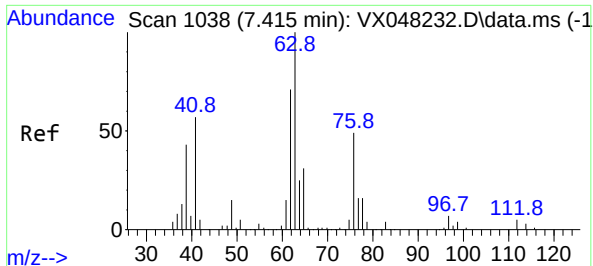
Tgt Ion: 43 Resp: 361084
Ion Ratio Lower Upper
43 100
61 20.2 14.9 22.3
87 14.0 9.4 14.2



#44
Trichloroethene
Concen: 146.572 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:130 Resp: 197244
Ion Ratio Lower Upper
130 100
95 98.5 0.0 200.6





#45

1,2-Dichloropropane

Concen: 149.063 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

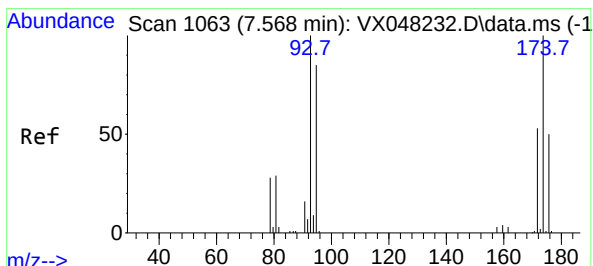
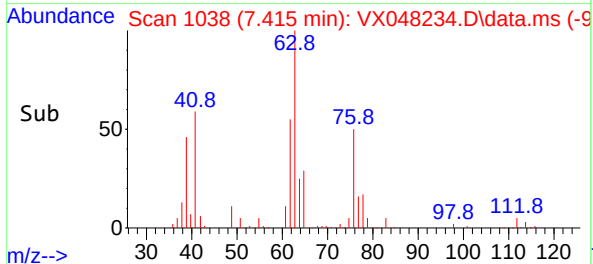
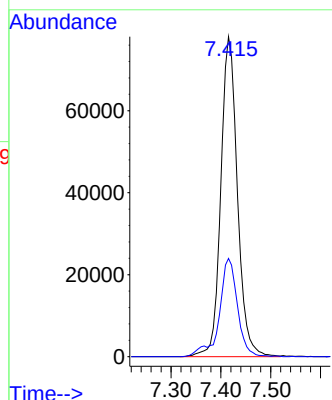
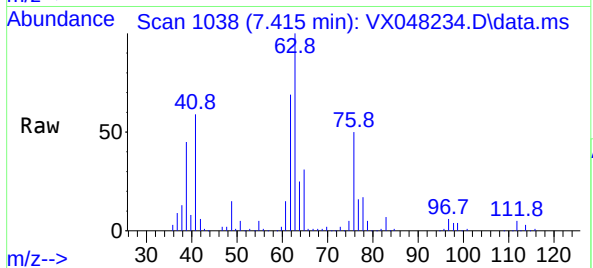
VSTDICC150

Tgt Ion: 63 Resp: 180619

Ion Ratio Lower Upper

63 100

65 30.7 24.1 36.1



#46

Dibromomethane

Concen: 143.118 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

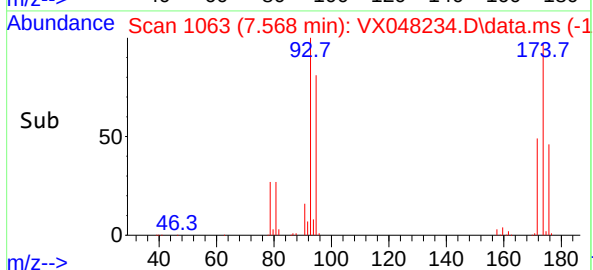
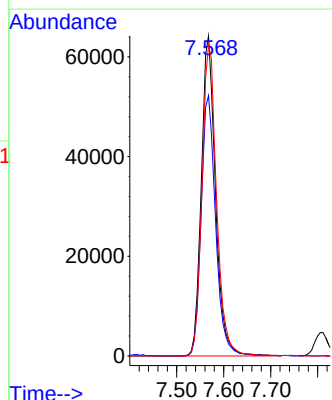
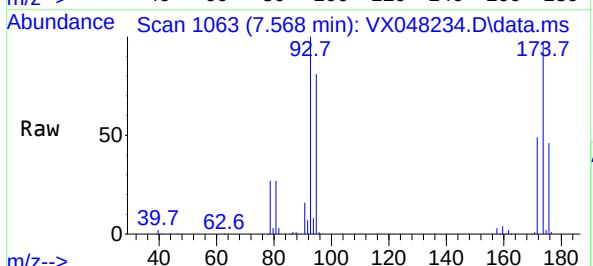
Tgt Ion: 93 Resp: 135105

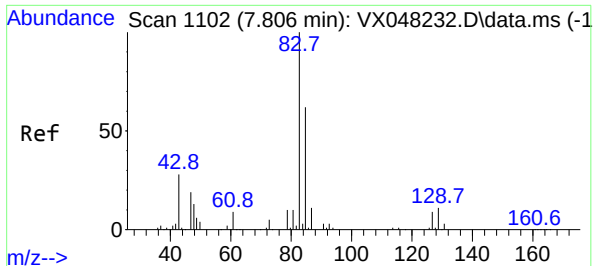
Ion Ratio Lower Upper

93 100

95 82.9 65.9 98.9

174 99.5 71.7 107.5

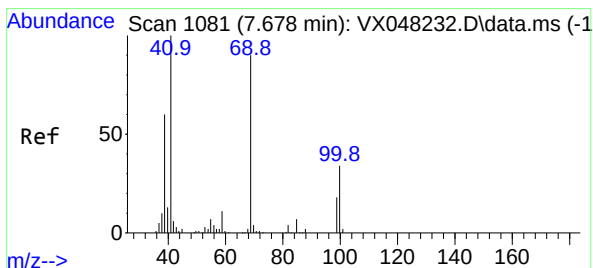
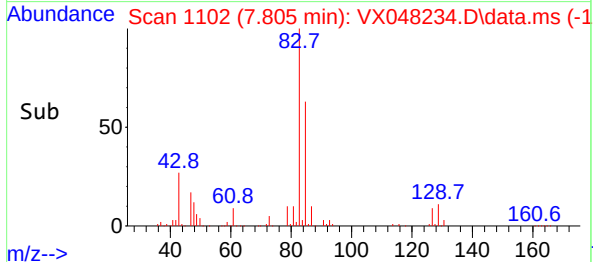
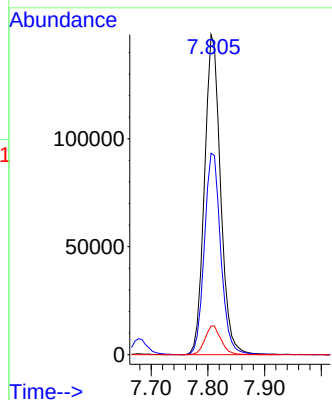
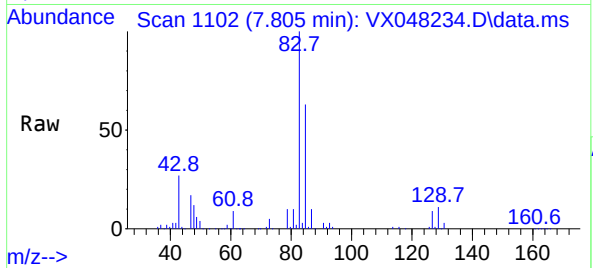




#47
Bromodichloromethane
Concen: 143.290 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

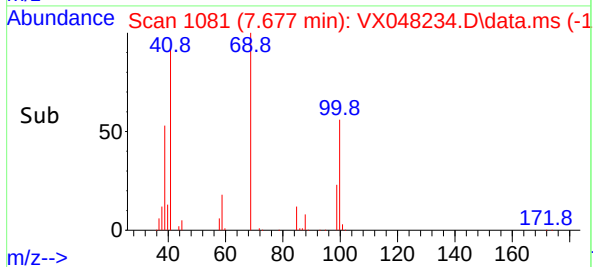
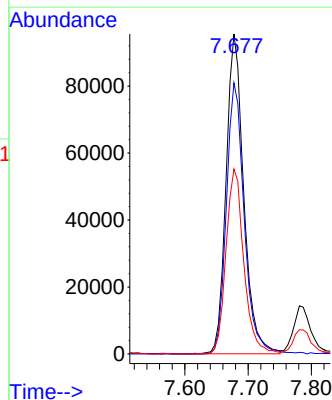
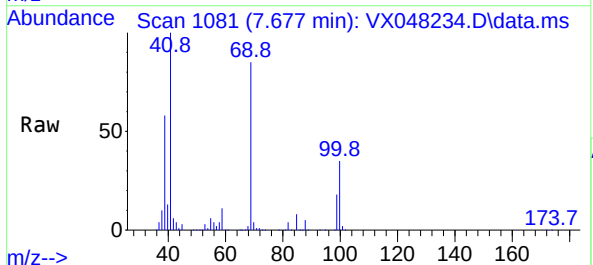
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

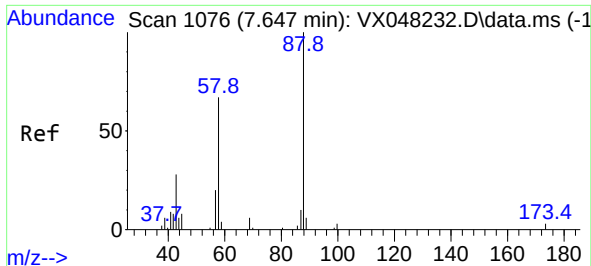
Tgt Ion: 83 Resp: 292063
Ion Ratio Lower Upper
83 100
85 62.9 52.2 78.4
127 8.9 7.3 10.9



#48
Methyl methacrylate
Concen: 152.865 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 41 Resp: 184354
Ion Ratio Lower Upper
41 100
69 86.0 63.4 95.0
39 58.5 47.1 70.7

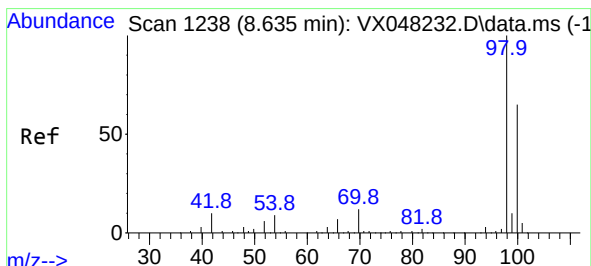
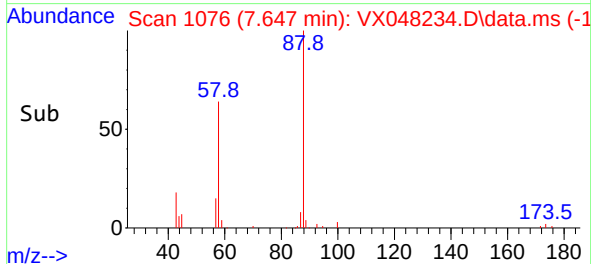
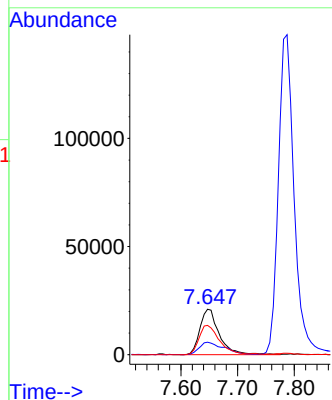
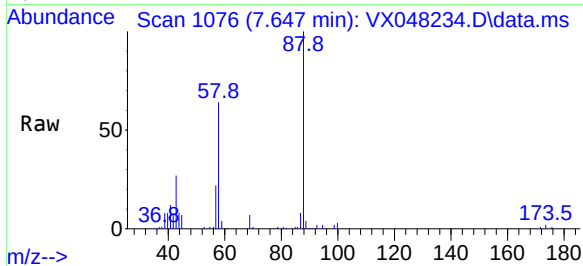




#49
1,4-Dioxane
Concen: 3131.591 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

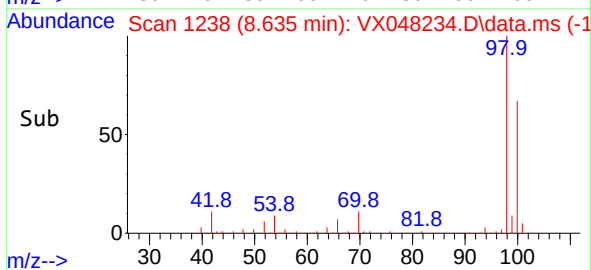
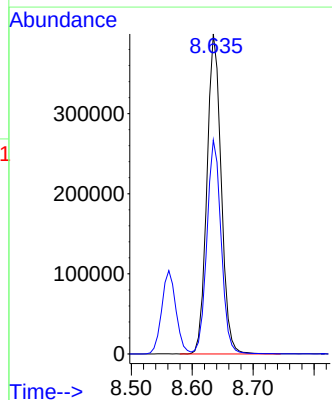
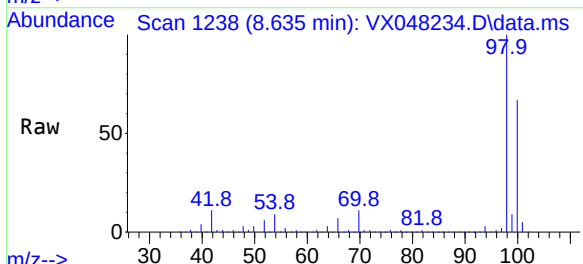
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

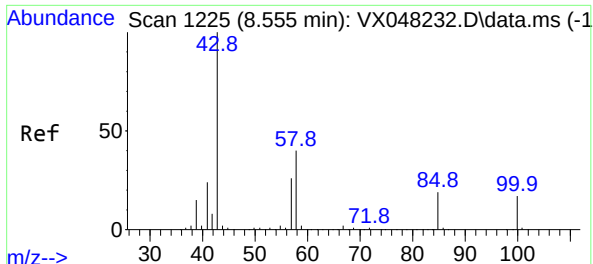
Tgt Ion: 88 Resp: 49895
Ion Ratio Lower Upper
88 100
43 35.6 35.0 52.4
58 67.7 61.9 92.9



#50
Toluene-d8
Concen: 149.843 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 98 Resp: 648652
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.4

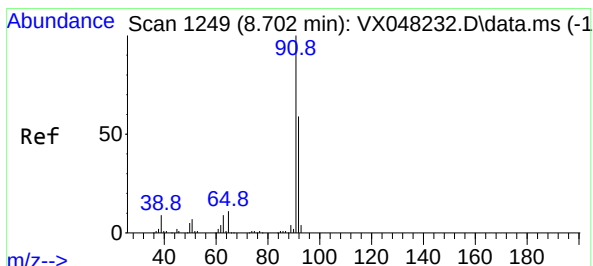
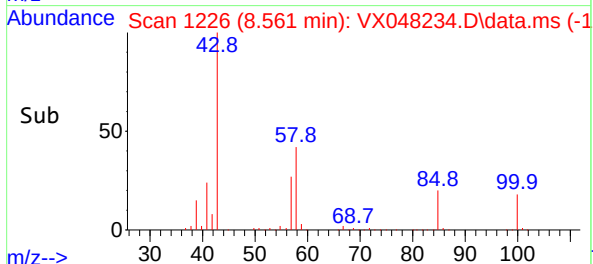
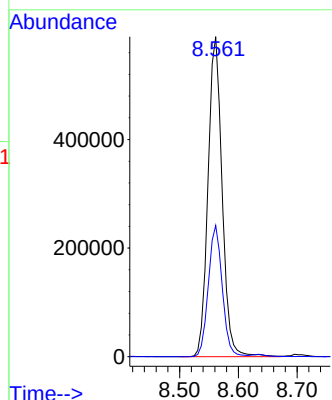
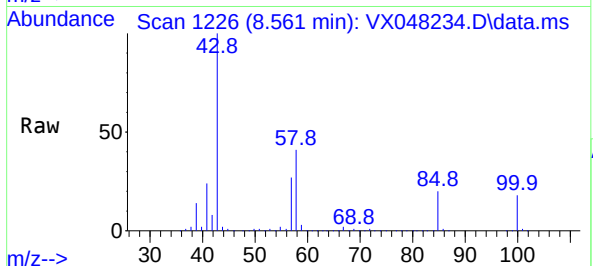




#51
4-Methyl-2-Pentanone
Concen: 713.457 ug/l
RT: 8.561 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

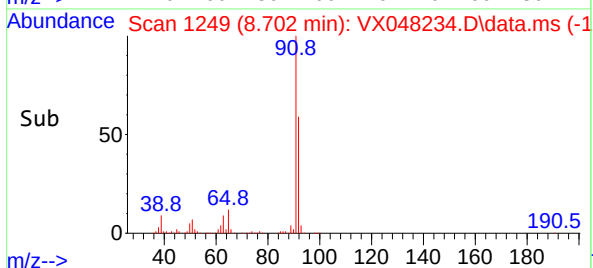
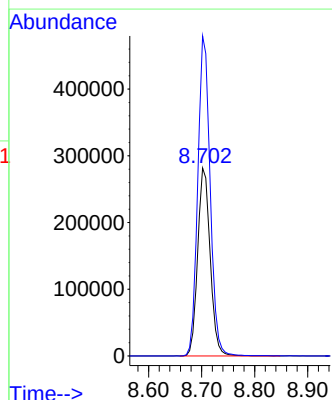
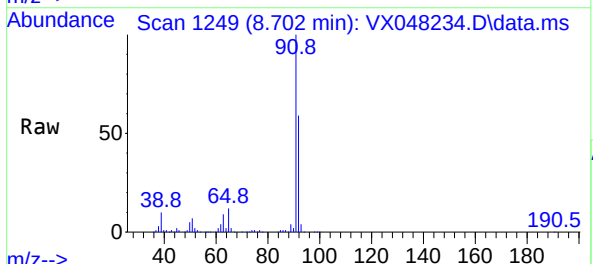
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

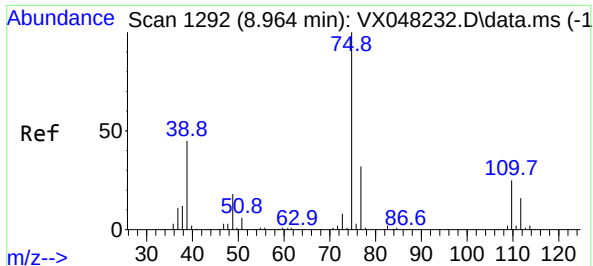
Tgt Ion: 43 Resp: 983125
Ion Ratio Lower Upper
43 100
58 40.4 29.5 44.3



#52
Toluene
Concen: 142.307 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 92 Resp: 460742
Ion Ratio Lower Upper
92 100
91 169.1 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 152.861 ug/l

RT: 8.964 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

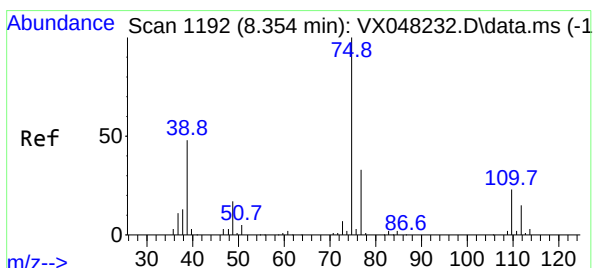
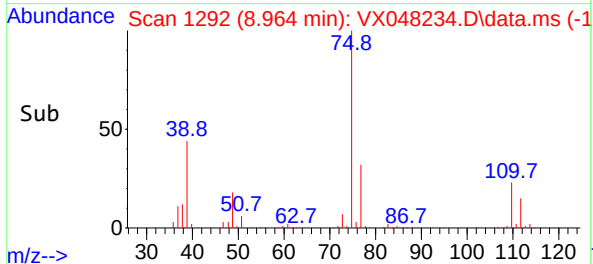
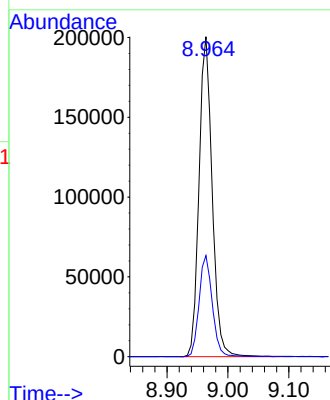
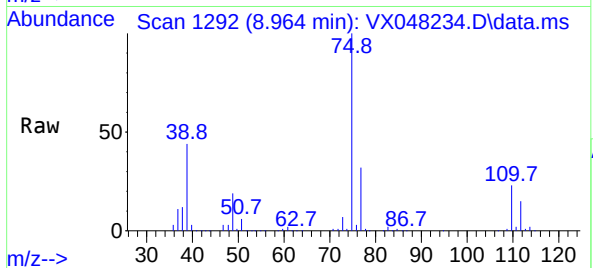
VSTDICC150

Tgt Ion: 75 Resp: 300251

Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 149.763 ug/l

RT: 8.354 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

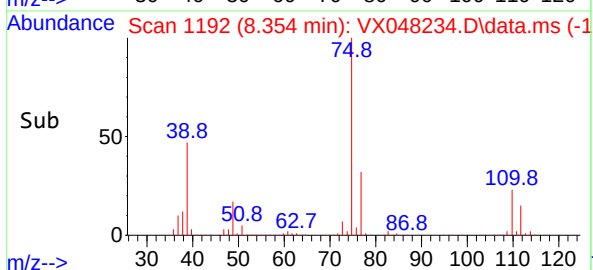
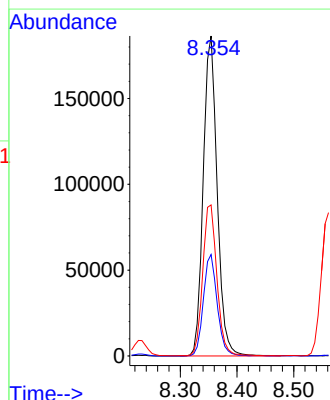
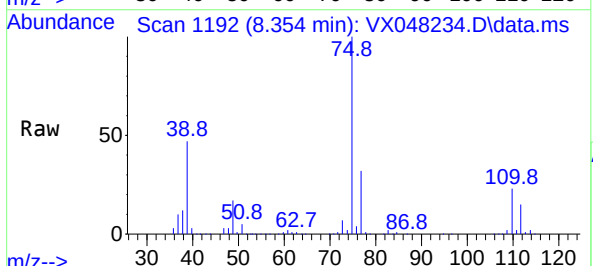
Tgt Ion: 75 Resp: 317375

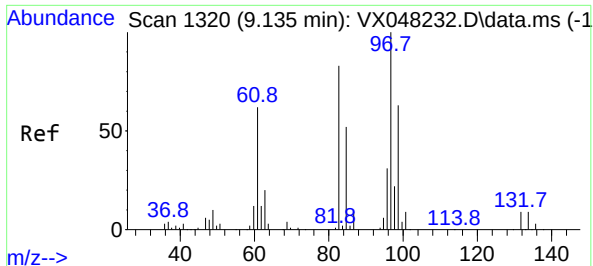
Ion Ratio Lower Upper

75 100

77 31.7 24.9 37.3

39 47.1 42.6 64.0



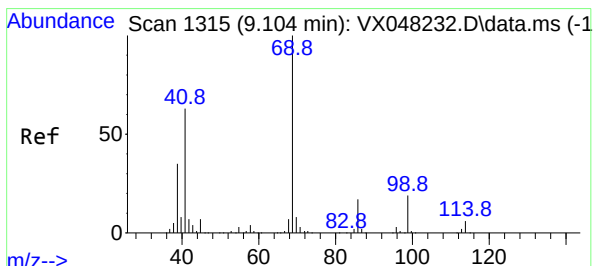
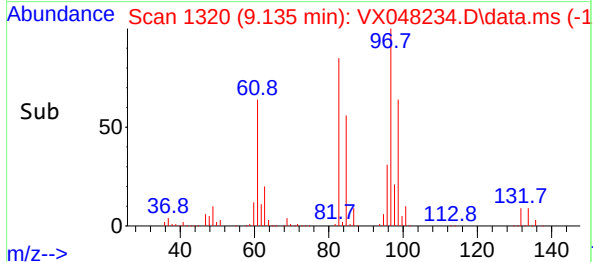
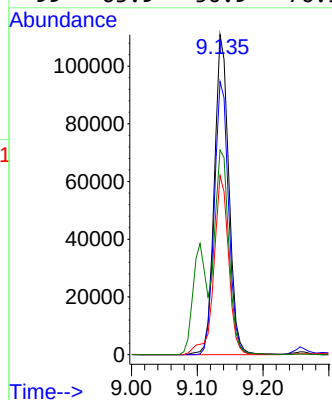
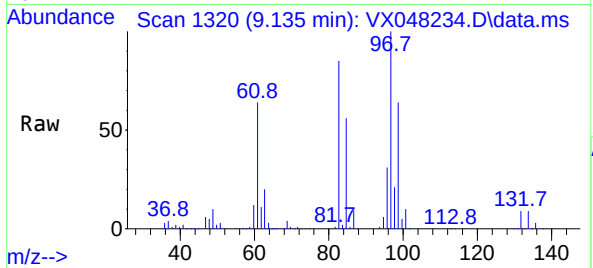


#55
1,1,2-Trichloroethane
Concen: 141.104 ug/l
RT: 9.135 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 97 Resp: 169894

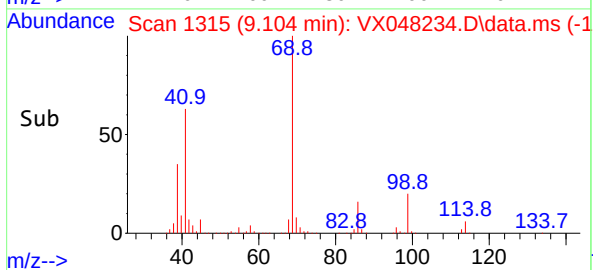
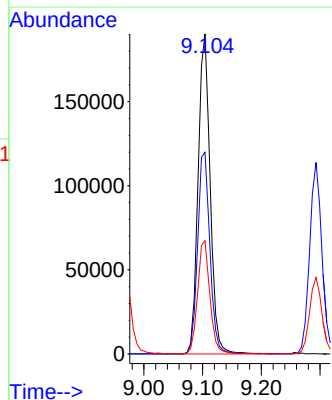
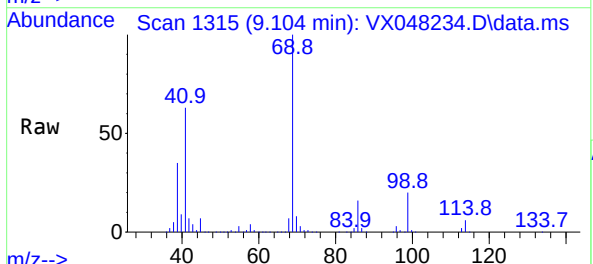
Ion	Ratio	Lower	Upper
97	100		
83	85.4	70.6	105.8
85	56.0	45.0	67.6
99	63.9	50.9	76.3

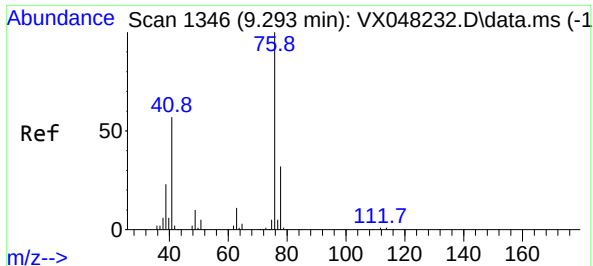


#56
Ethyl methacrylate
Concen: 154.550 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 69 Resp: 272177

Ion	Ratio	Lower	Upper
69	100		
41	64.4	56.0	84.0
39	36.1	31.6	47.4

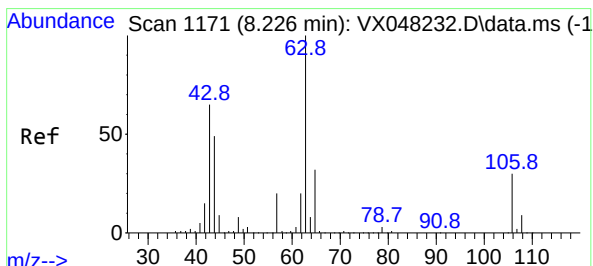
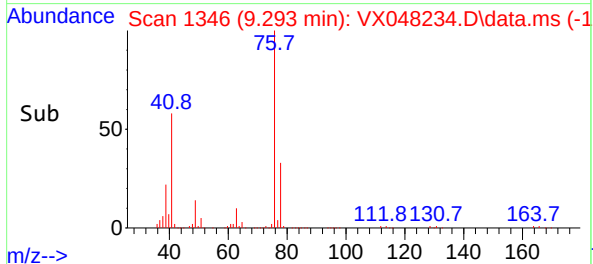
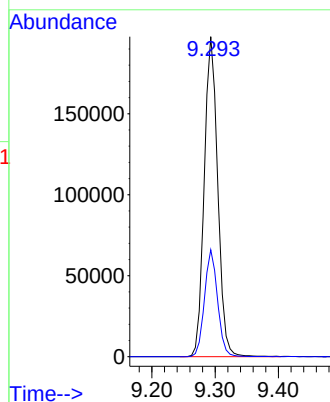
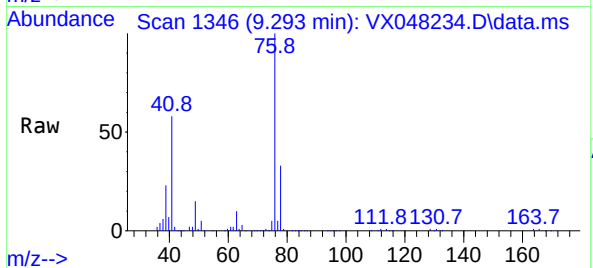




#57
1,3-Dichloropropane
Concen: 142.782 ug/l
RT: 9.293 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

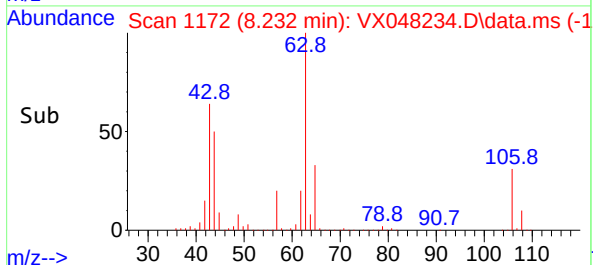
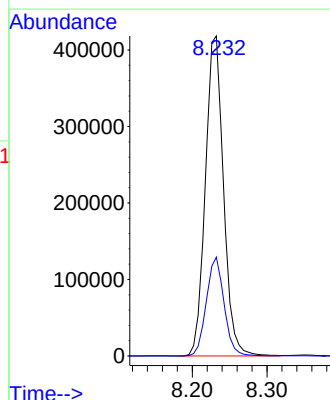
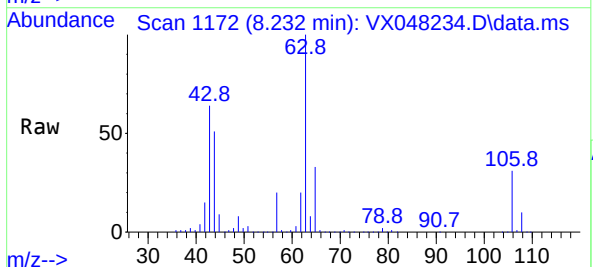
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

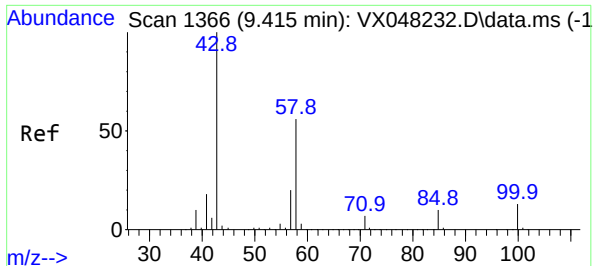
Tgt Ion: 76 Resp: 293650
Ion Ratio Lower Upper
76 100
78 32.3 25.4 38.0



#58
2-Chloroethyl Vinyl ether
Concen: 741.966 ug/l
RT: 8.232 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 63 Resp: 705780
Ion Ratio Lower Upper
63 100
106 30.2 22.2 33.2





#59

2-Hexanone

Concen: 723.047 ug/l

RT: 9.415 min Scan# 1366

Delta R.T. -0.000 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

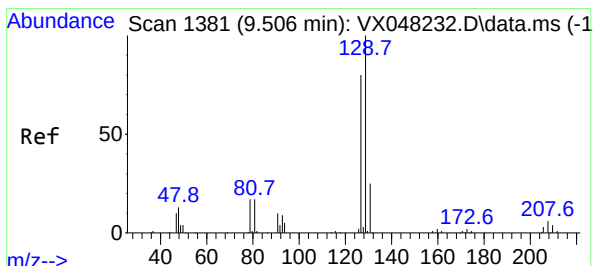
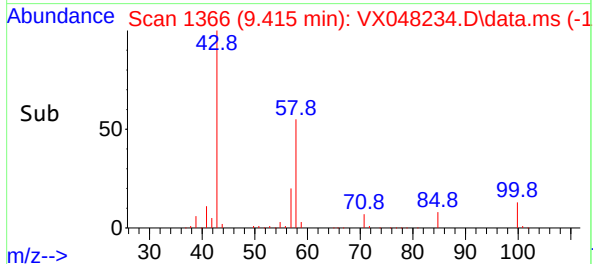
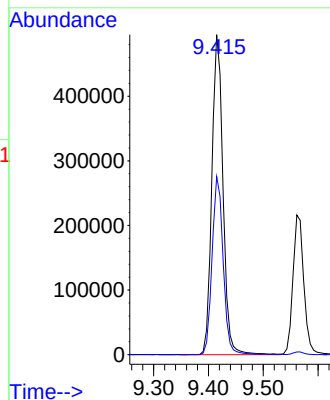
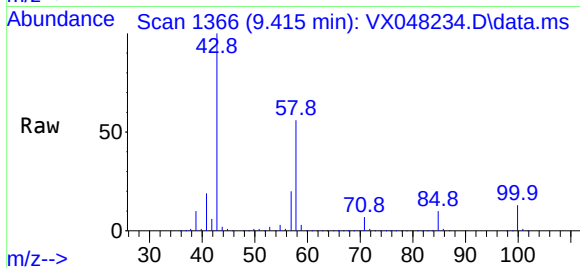
VSTDIC150

Tgt Ion: 43 Resp: 694736

Ion Ratio Lower Upper

43 100

58 55.6 26.3 78.8



#60

Dibromochloromethane

Concen: 140.050 ug/l

RT: 9.506 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VX048234.D

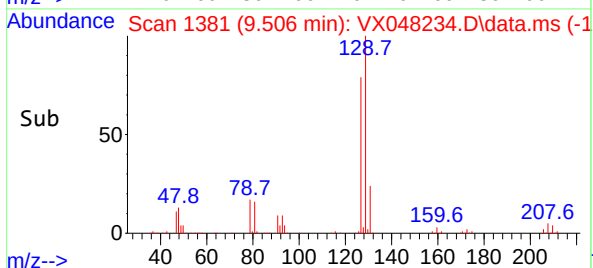
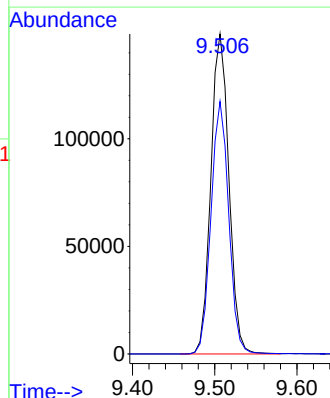
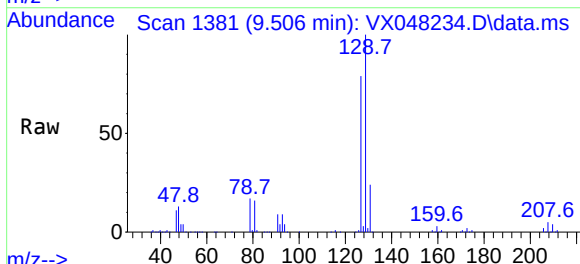
Acq: 20 Oct 2025 12:43

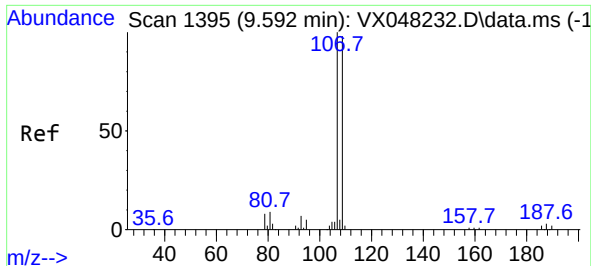
Tgt Ion: 129 Resp: 226642

Ion Ratio Lower Upper

129 100

127 77.8 38.6 115.7

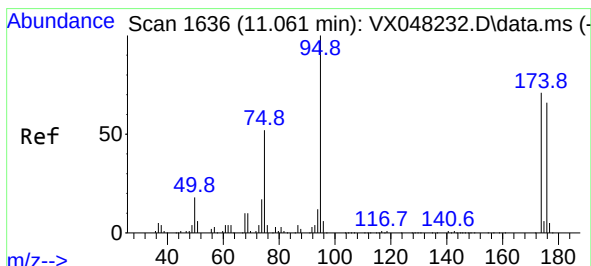
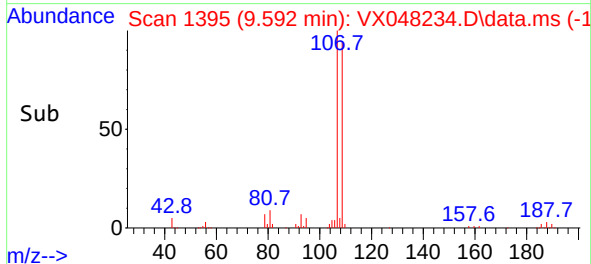
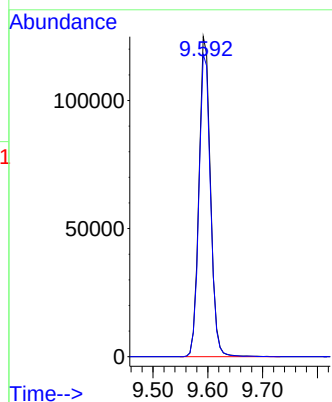
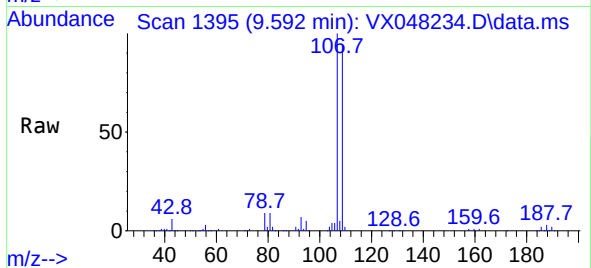




#61
1,2-Dibromoethane
Concen: 141.953 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

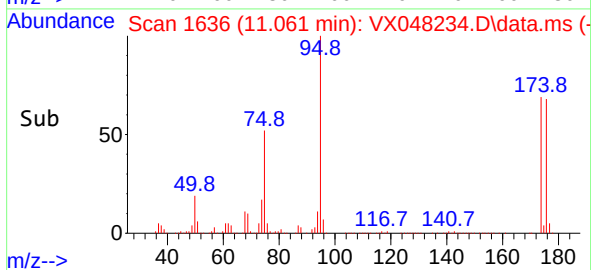
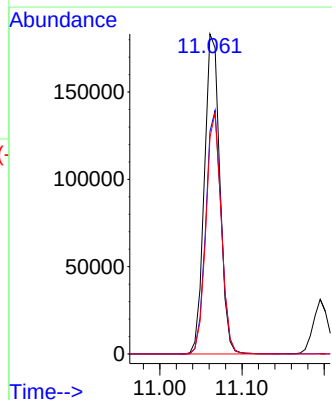
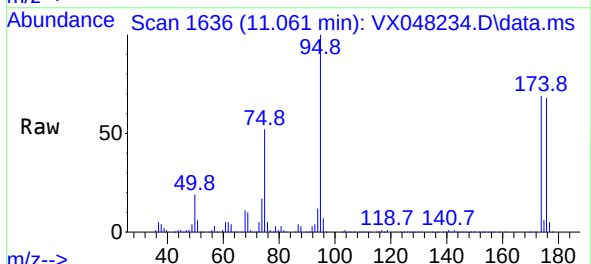
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

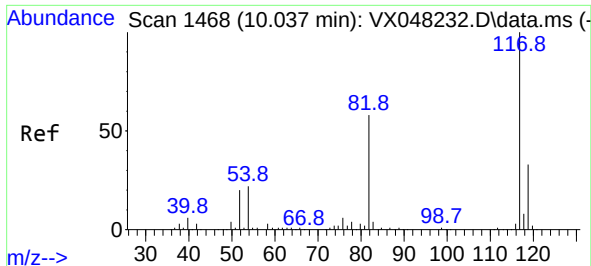
Tgt Ion:107 Resp: 182208
Ion Ratio Lower Upper
107 100
109 95.6 77.0 115.4



#62
4-Bromofluorobenzene
Concen: 145.308 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 95 Resp: 239298
Ion Ratio Lower Upper
95 100
174 76.0 0.0 147.8
176 74.2 0.0 142.8

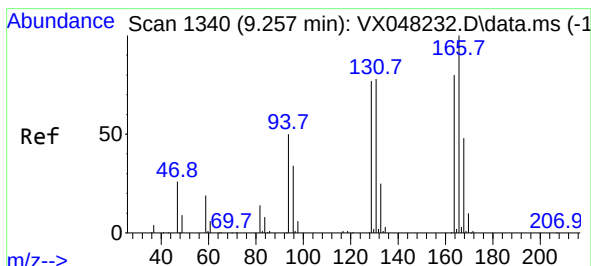
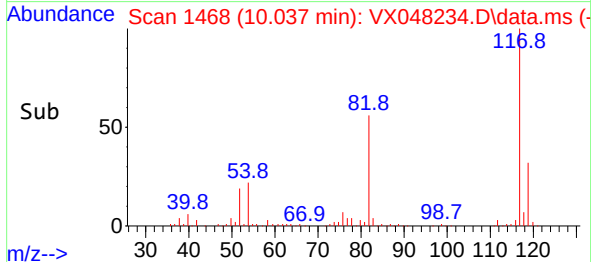
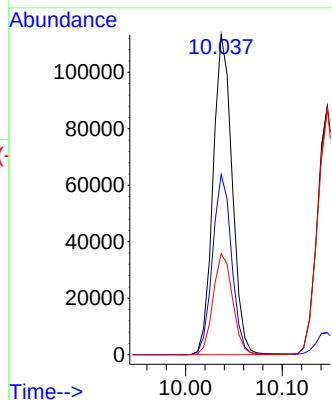
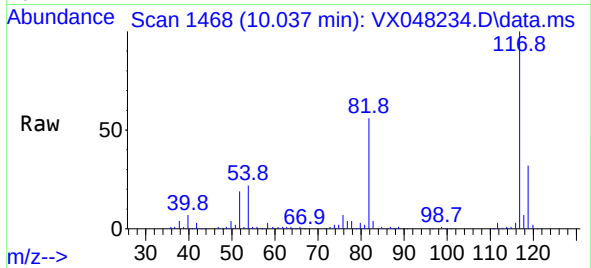




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

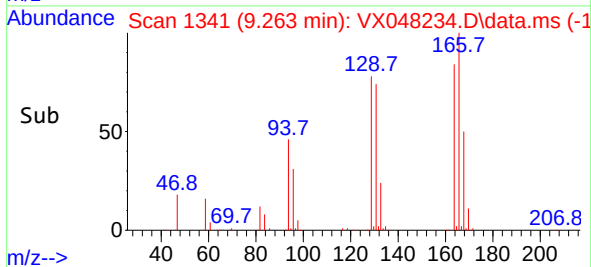
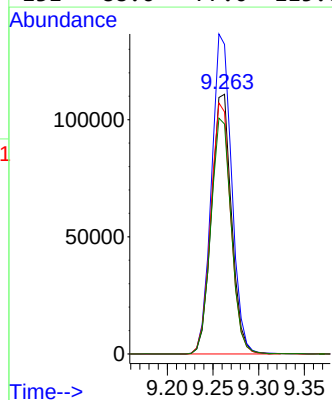
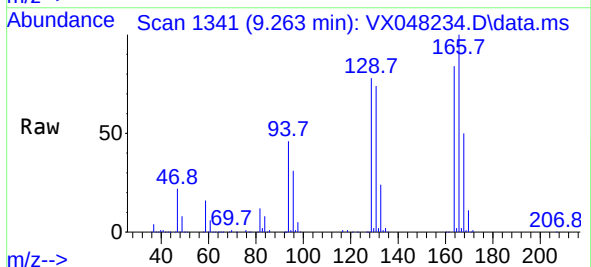
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

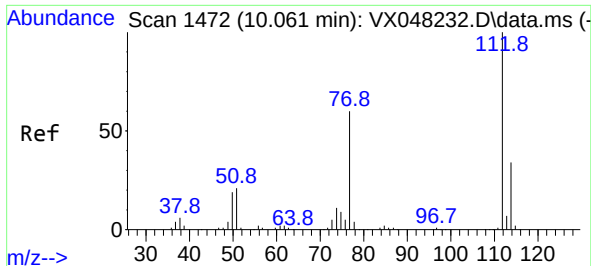
Tgt Ion:117 Resp: 155759
Ion Ratio Lower Upper
117 100
82 56.4 46.5 69.7
119 31.5 25.9 38.9



#64
Tetrachloroethene
Concen: 144.982 ug/l
RT: 9.263 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:164 Resp: 168581
Ion Ratio Lower Upper
164 100
166 119.3 104.5 156.7
129 93.2 81.8 122.6
131 88.6 77.0 115.6

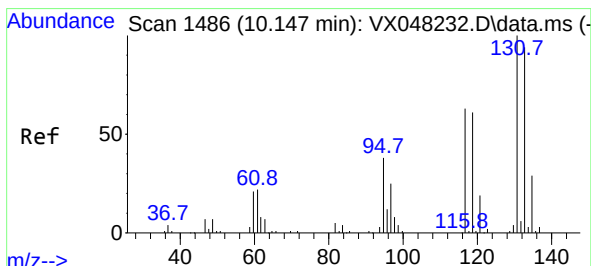
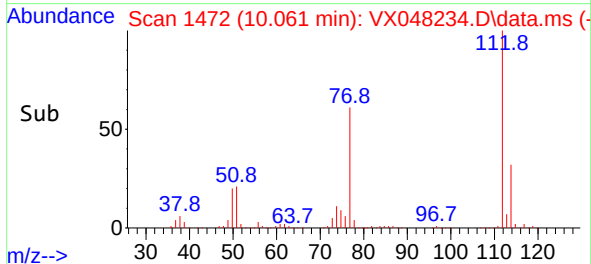
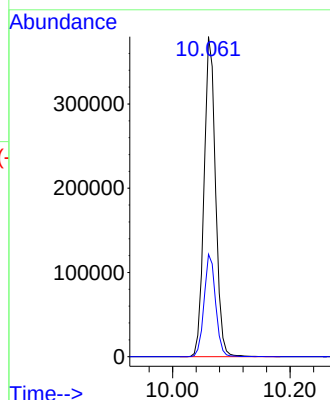
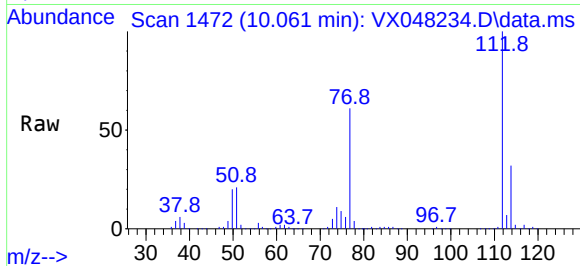




#65
Chlorobenzene
Concen: 146.973 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

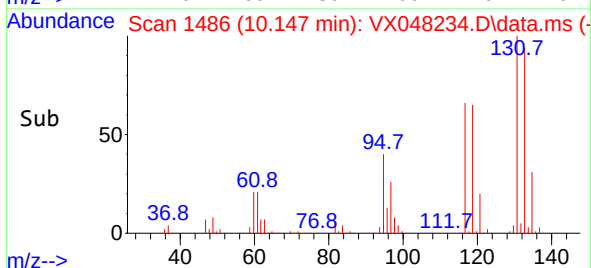
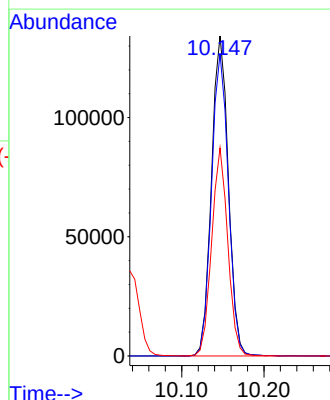
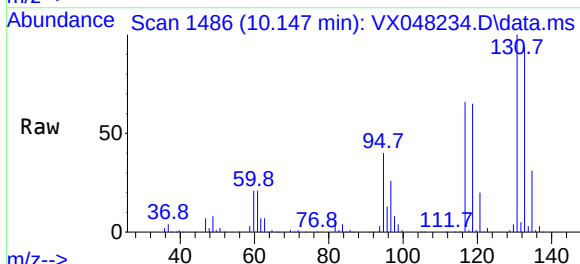
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

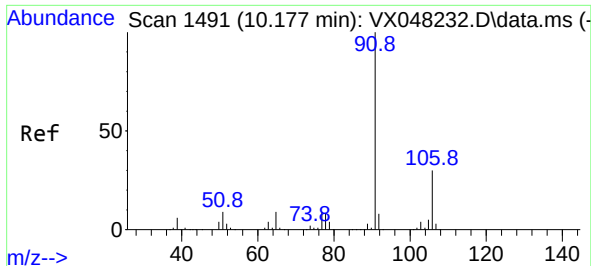
Tgt Ion:112 Resp: 514967
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 148.558 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:131 Resp: 191186
Ion Ratio Lower Upper
131 100
133 94.4 47.6 142.8
119 62.3 32.5 97.5

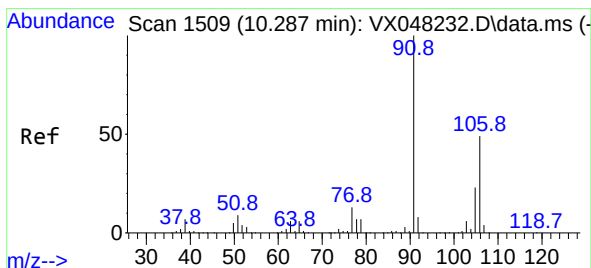
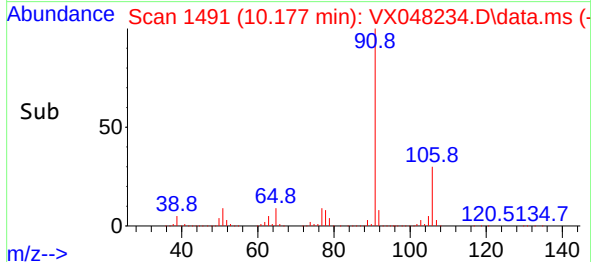
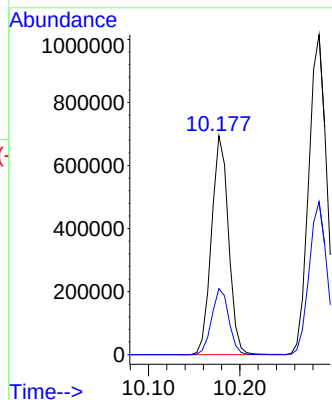
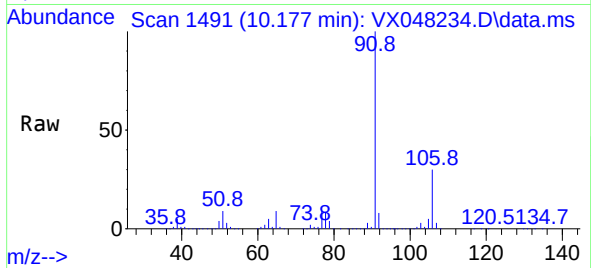




#67
Ethyl Benzene
Concen: 150.554 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

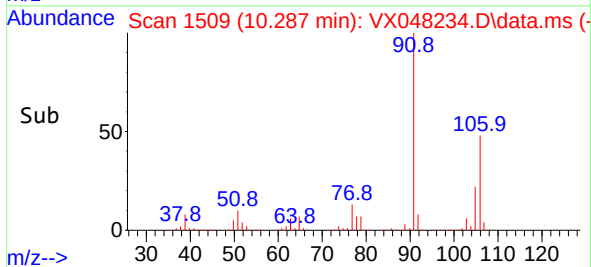
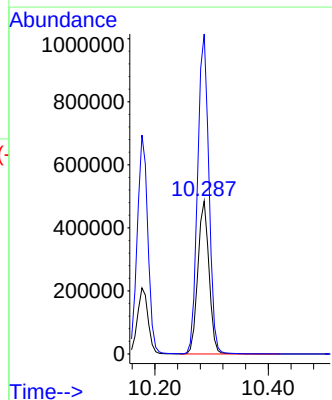
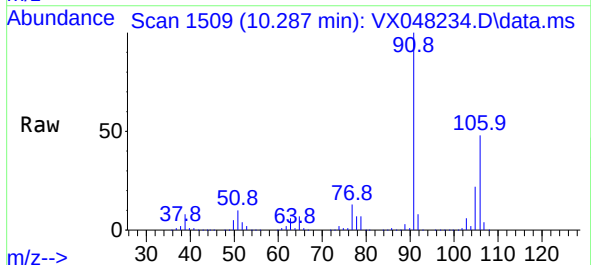
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

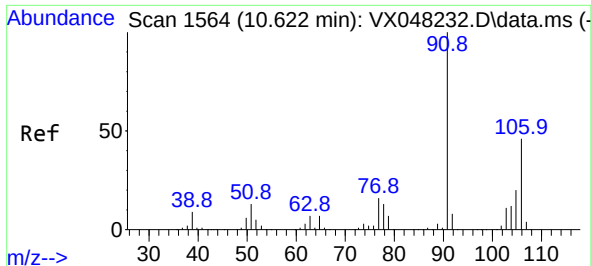
Tgt Ion: 91 Resp: 898137
Ion Ratio Lower Upper
91 100
106 30.2 23.8 35.6



#68
m/p-Xylenes
Concen: 298.230 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 106 Resp: 661019
Ion Ratio Lower Upper
106 100
91 211.4 167.9 251.9

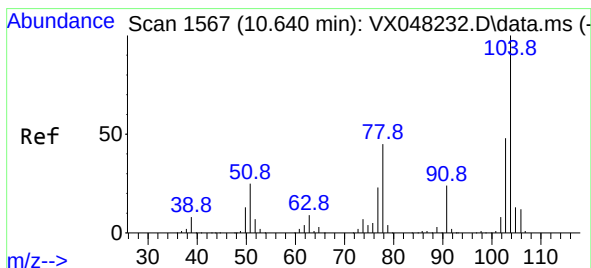
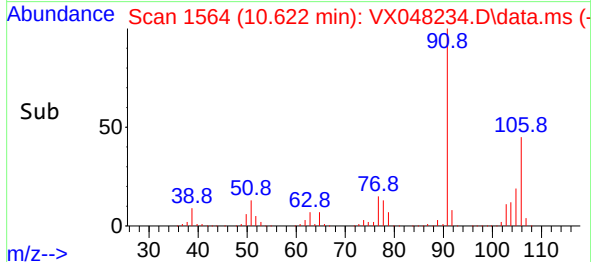
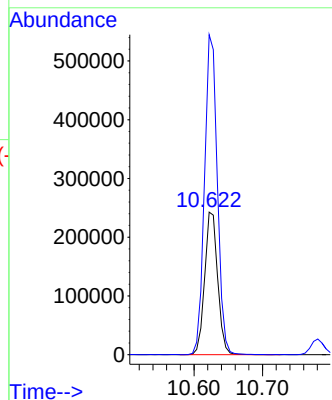
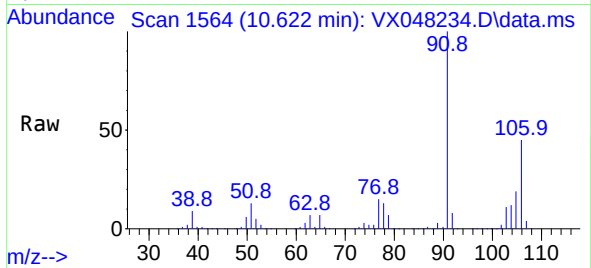




#69
o-Xylene
Concen: 149.698 ug/l
RT: 10.622 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

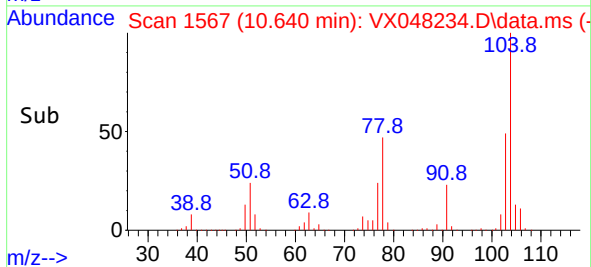
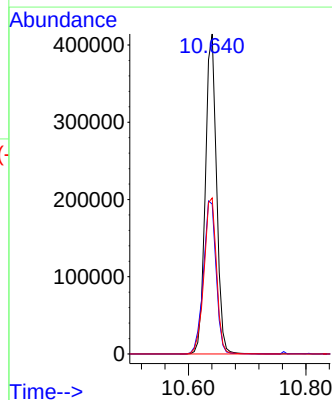
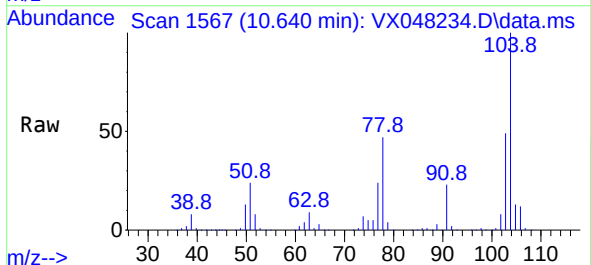
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

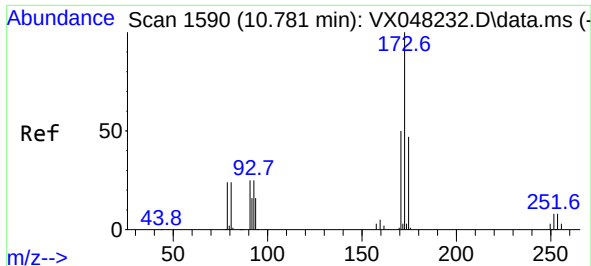
Tgt Ion:106 Resp: 320334
Ion Ratio Lower Upper
106 100
91 221.5 111.3 333.9



#70
Styrene
Concen: 150.439 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:104 Resp: 548149
Ion Ratio Lower Upper
104 100
78 54.3 42.2 63.4
103 54.4 43.0 64.4

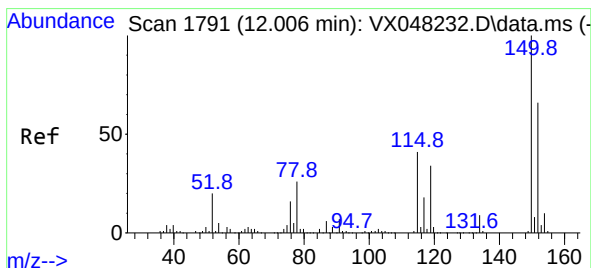
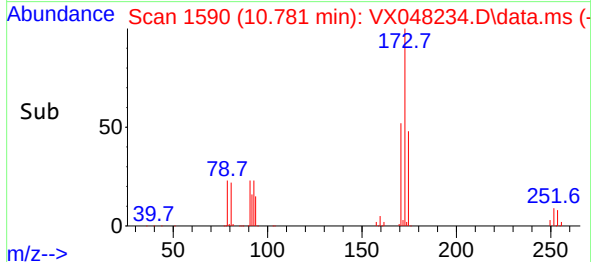
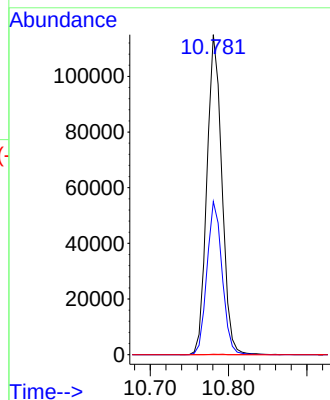
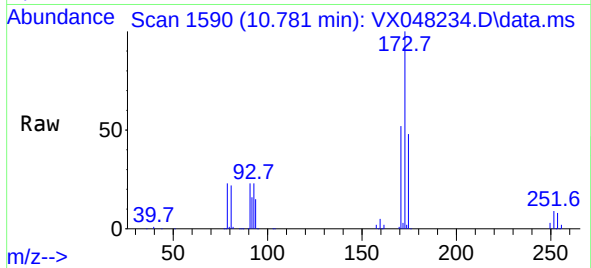




#71
Bromoform
Concen: 147.980 ug/l
RT: 10.781 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

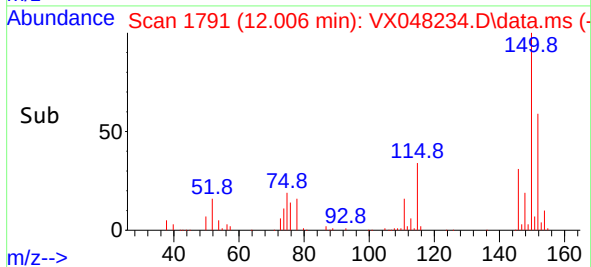
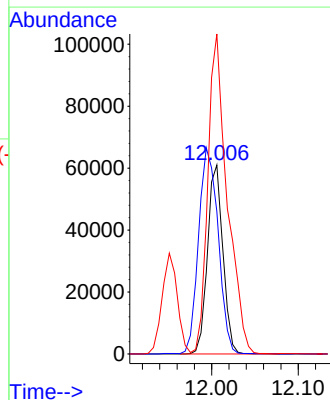
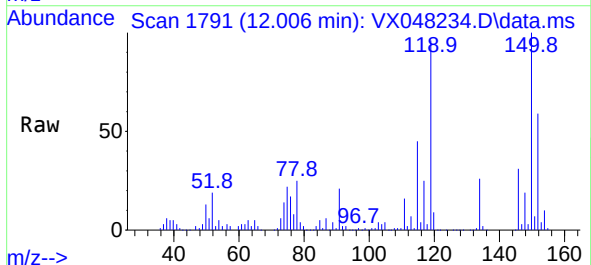
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

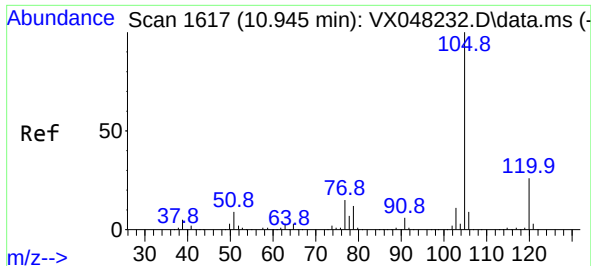
Tgt Ion:173 Resp: 152209
Ion Ratio Lower Upper
173 100
175 48.4 24.0 72.0
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:152 Resp: 75397
Ion Ratio Lower Upper
152 100
115 138.9 43.1 129.4#
150 212.6 0.0 353.0

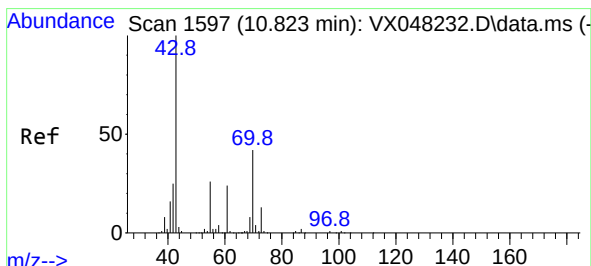
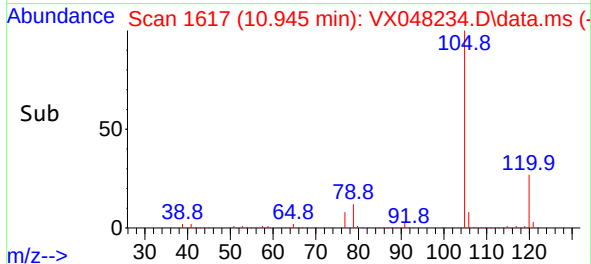
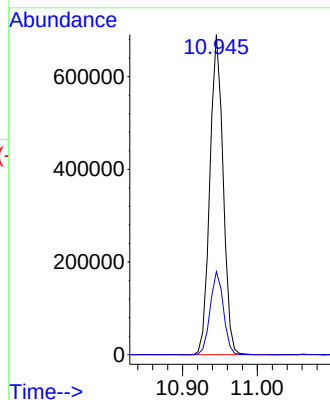
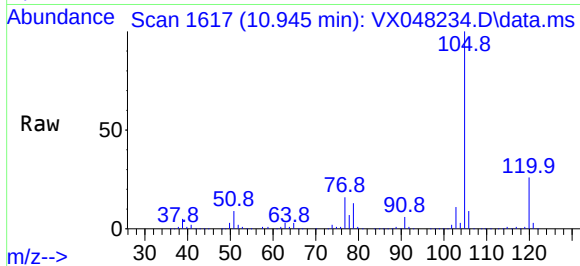




#73
Isopropylbenzene
Concen: 154.201 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

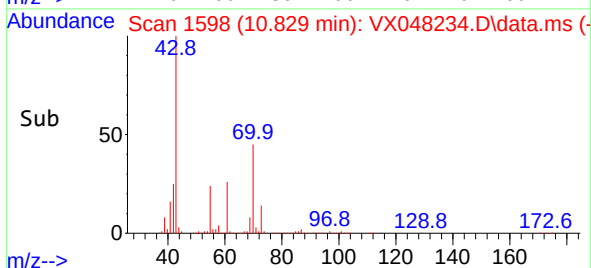
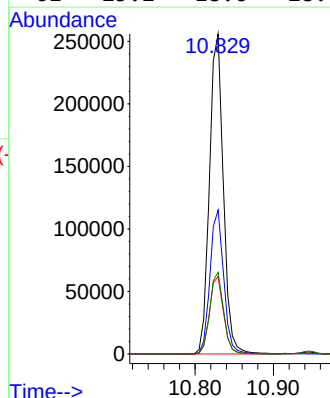
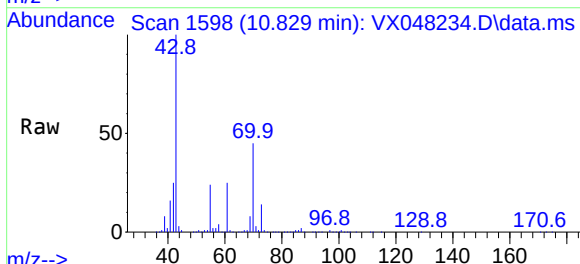
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

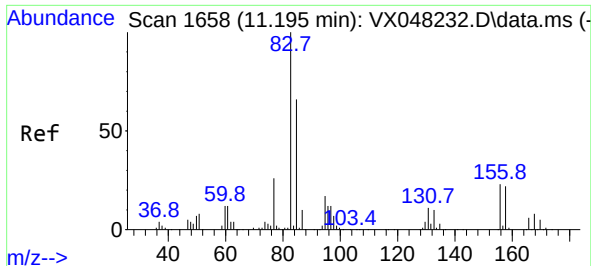
Tgt Ion:105 Resp: 849183
Ion Ratio Lower Upper
105 100
120 25.9 13.0 38.9



#74
N-ethyl acetate
Concen: 161.195 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 43 Resp: 314879
Ion Ratio Lower Upper
43 100
70 44.5 32.2 48.2
55 24.4 19.1 28.7
61 25.2 18.6 28.0

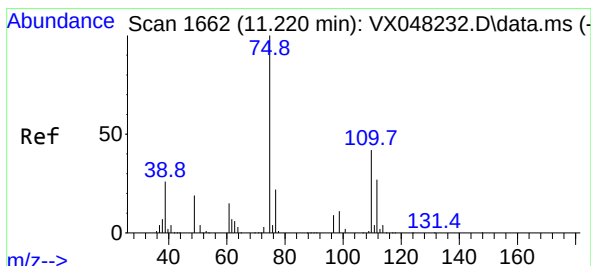
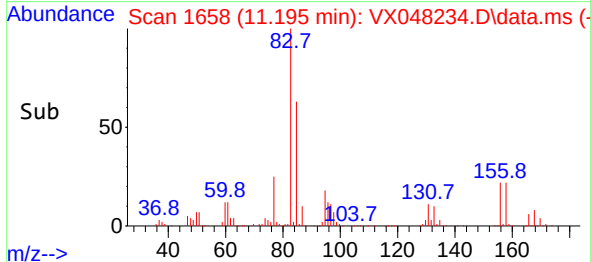
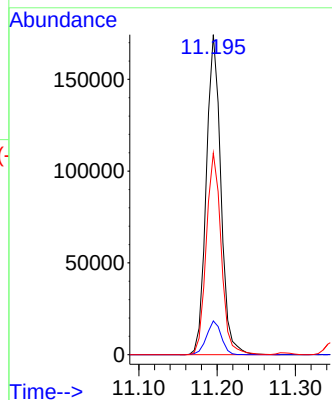
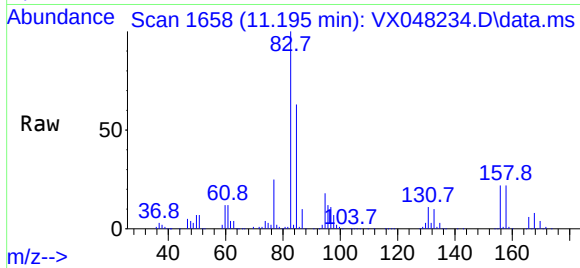




#75
1,1,2,2-Tetrachloroethane
Concen: 149.271 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

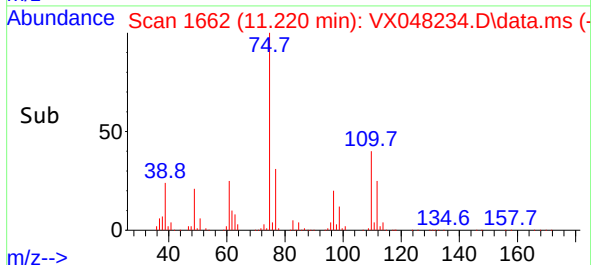
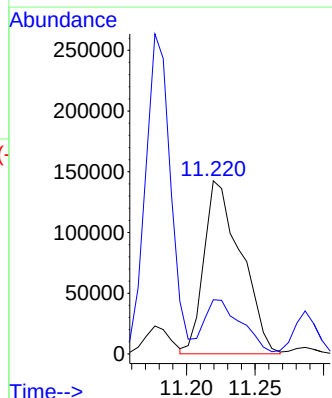
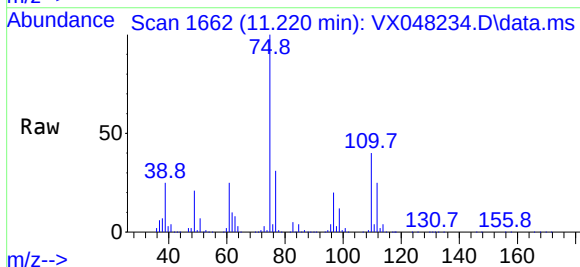
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

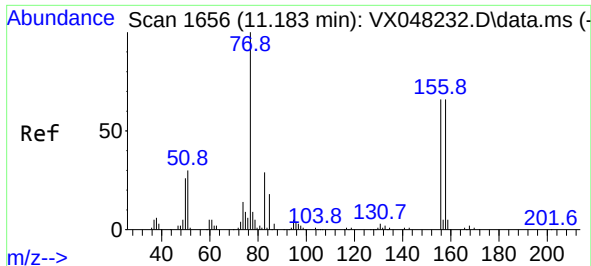
Tgt Ion: 83 Resp: 224486
Ion Ratio Lower Upper
83 100
131 10.7 4.8 14.4
85 64.6 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 219.425 ug/l
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 75 Resp: 268288
Ion Ratio Lower Upper
75 100
77 30.3 22.4 67.2

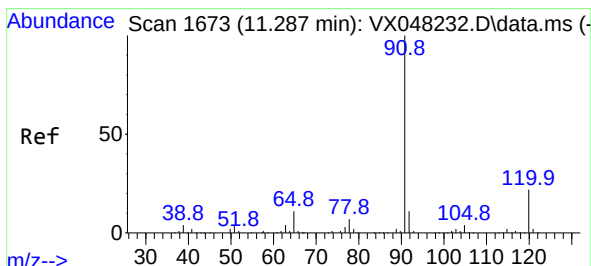
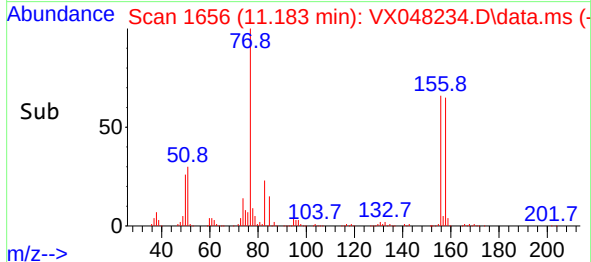
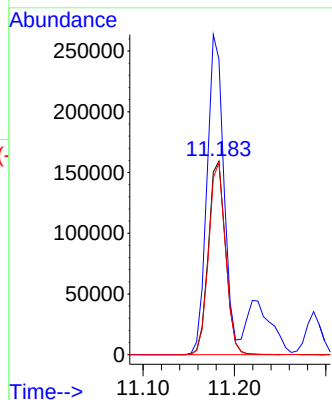
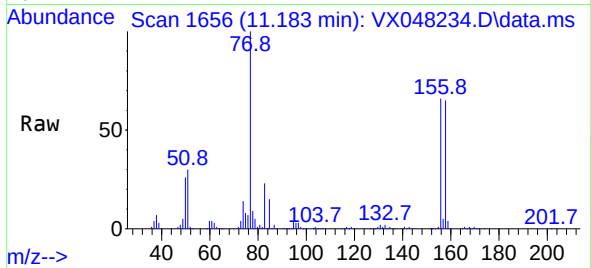




#77
Bromobenzene
Concen: 150.063 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

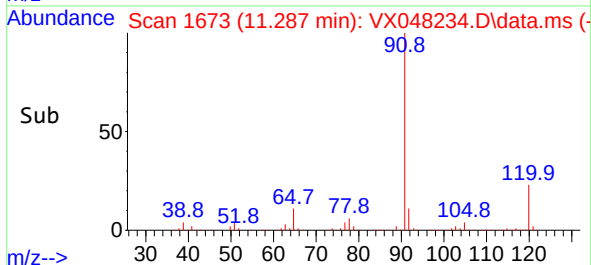
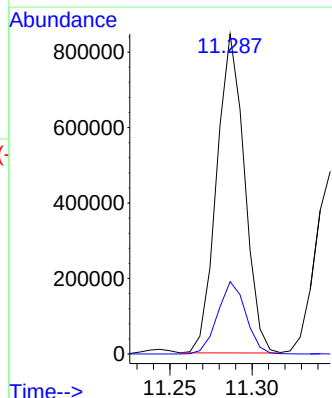
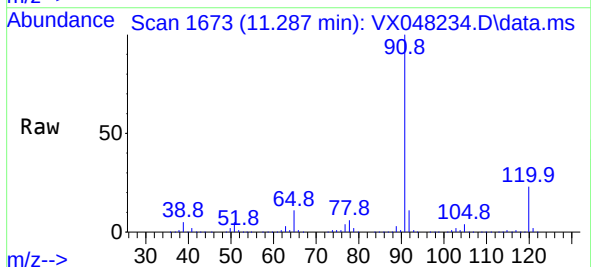
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

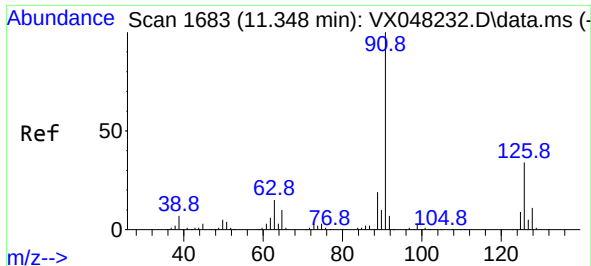
Tgt Ion:156 Resp: 207212
Ion Ratio Lower Upper
156 100
77 161.9 87.0 261.0
158 97.9 47.8 143.4



#78
n-propylbenzene
Concen: 155.573 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 91 Resp: 991960
Ion Ratio Lower Upper
91 100
120 22.9 11.1 33.1

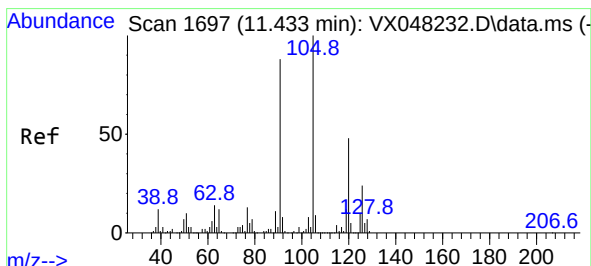
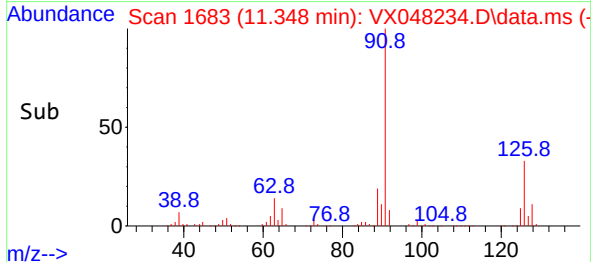
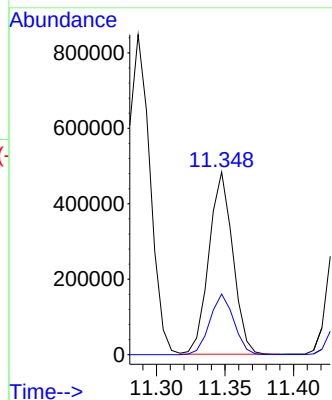
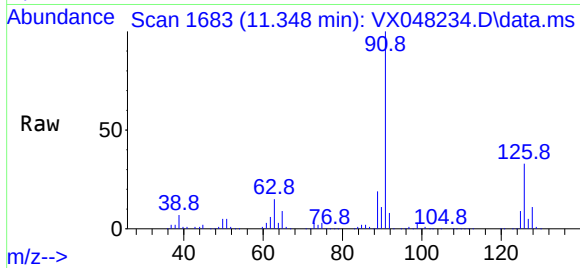




#79
2-Chlorotoluene
Concen: 151.532 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

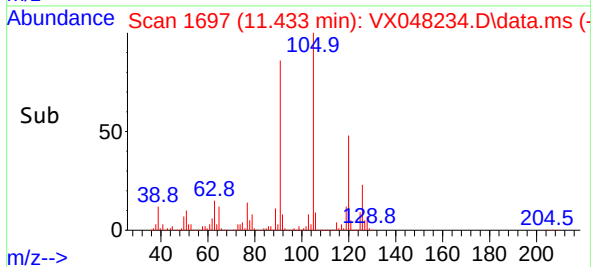
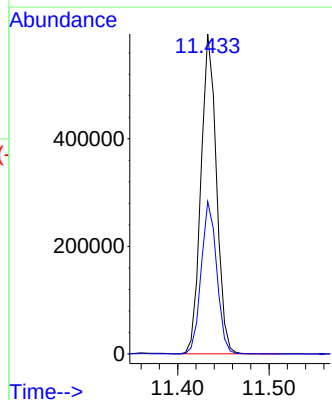
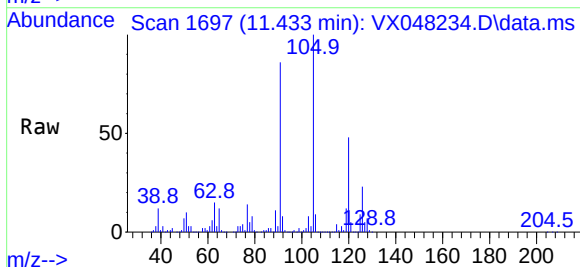
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

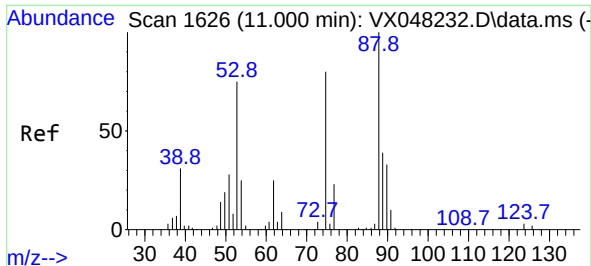
Tgt Ion: 91 Resp: 585792
Ion Ratio Lower Upper
91 100
126 33.5 16.4 49.4



#80
1,3,5-Trimethylbenzene
Concen: 153.574 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:105 Resp: 699885
Ion Ratio Lower Upper
105 100
120 47.7 24.0 72.0

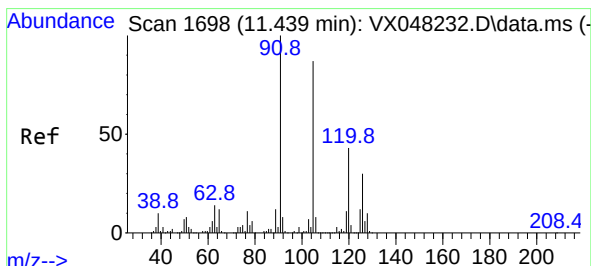
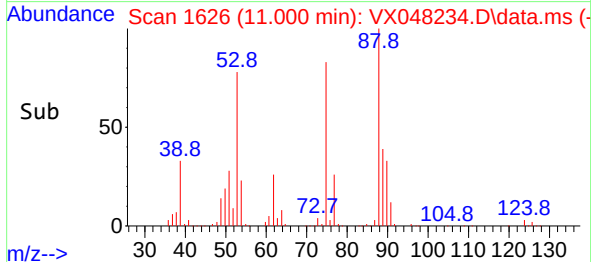
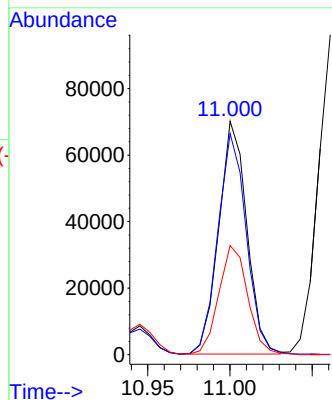
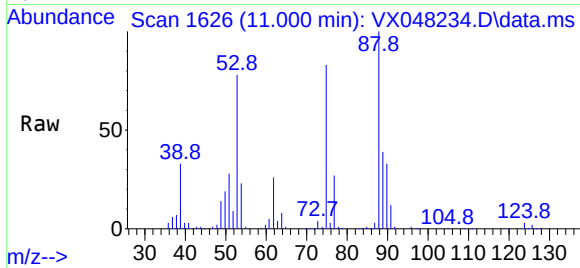




#81
trans-1,4-Dichloro-2-butene
Concen: 165.469 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

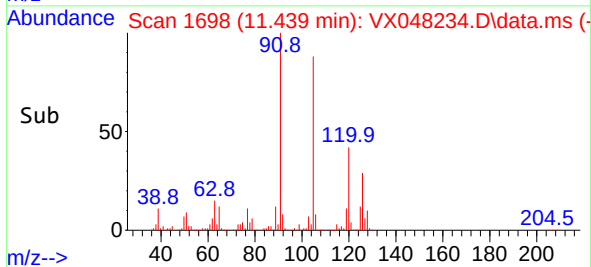
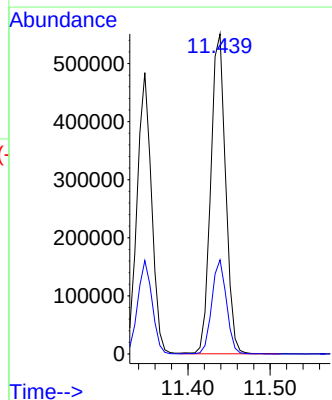
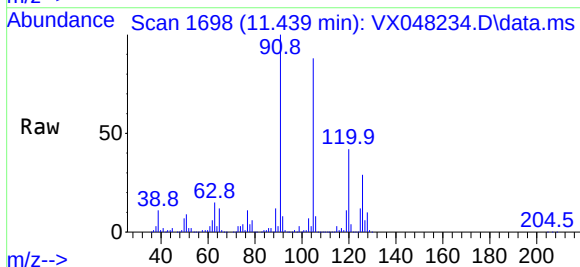
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

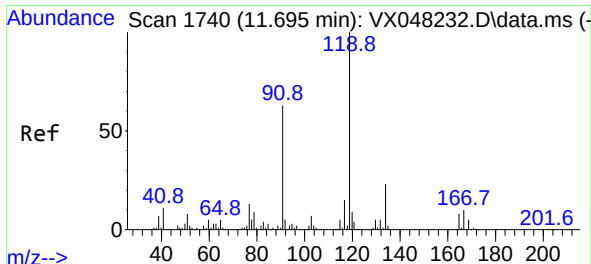
Tgt Ion: 75 Resp: 83158
Ion Ratio Lower Upper
75 100
53 96.5 79.5 119.3
89 48.6 36.8 55.2



#82
4-Chlorotoluene
Concen: 150.773 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 91 Resp: 691903
Ion Ratio Lower Upper
91 100
126 29.0 14.1 42.4

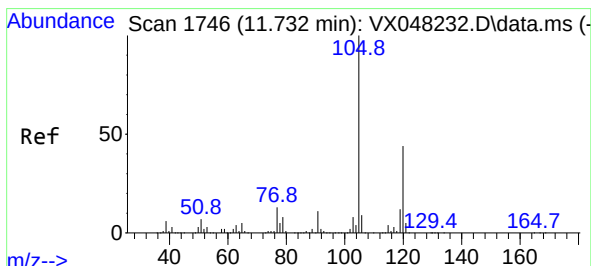
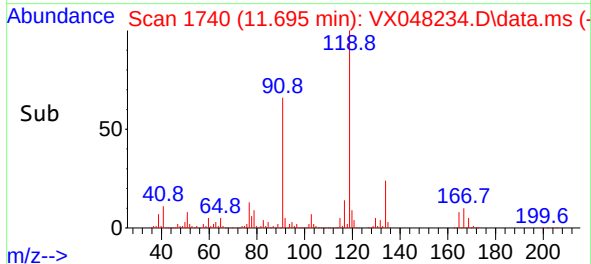
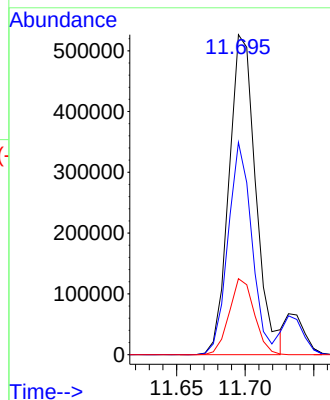
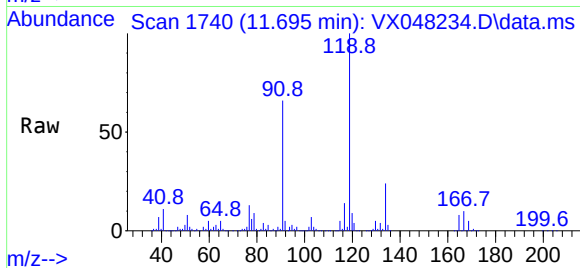




#83
tert-Butylbenzene
Concen: 153.261 ug/l
RT: 11.695 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

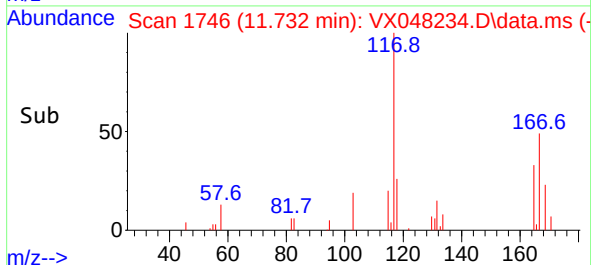
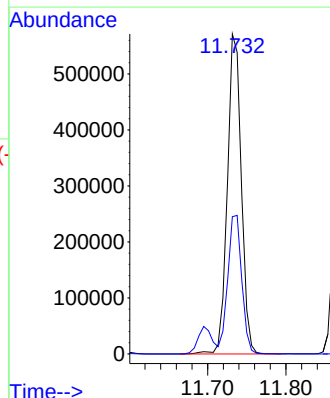
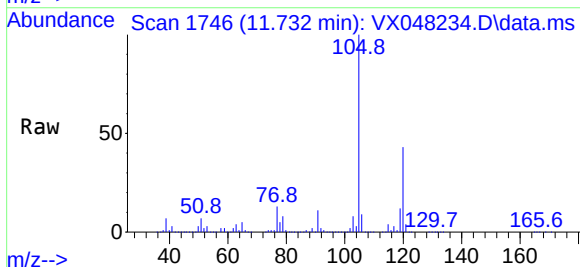
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

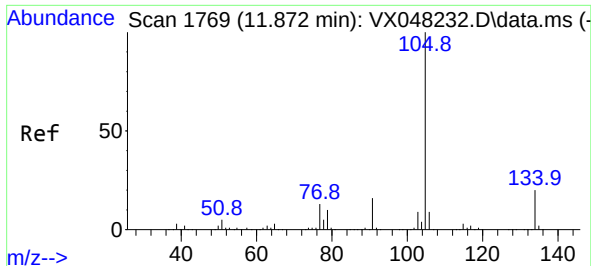
Tgt Ion:119 Resp: 717642
Ion Ratio Lower Upper
119 100
91 58.9 30.3 91.0
134 22.3 11.4 34.2



#84
1,2,4-Trimethylbenzene
Concen: 155.464 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:105 Resp: 707074
Ion Ratio Lower Upper
105 100
120 43.5 22.1 66.5

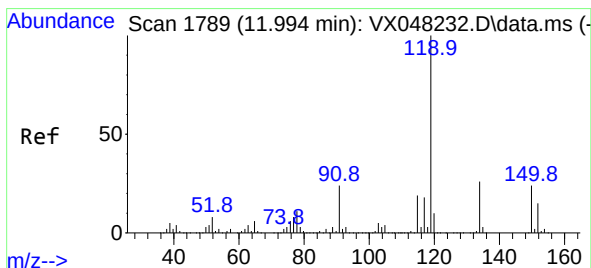
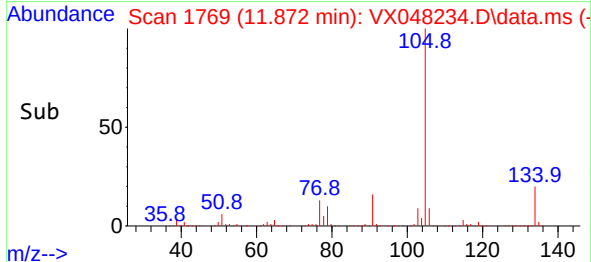
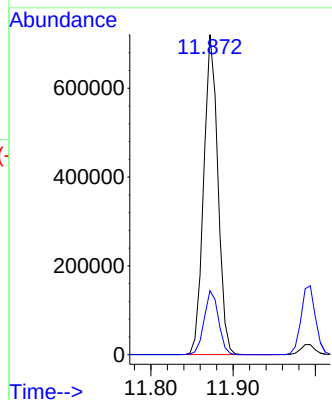
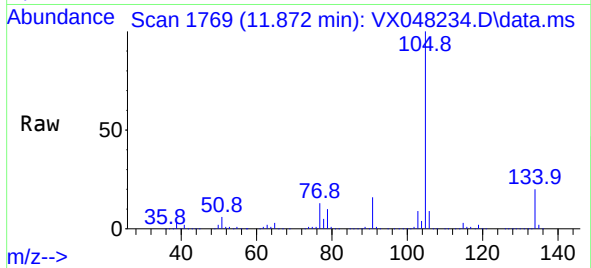




#85
sec-Butylbenzene
Concen: 152.918 ug/l
RT: 11.872 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

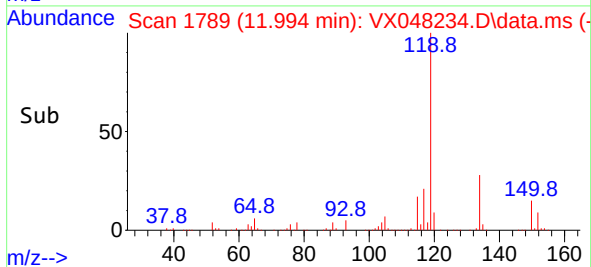
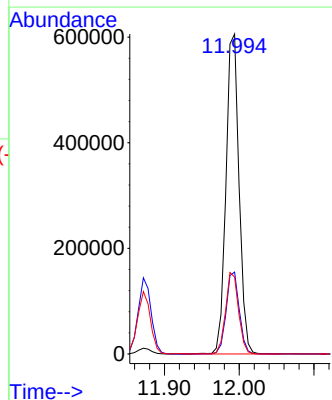
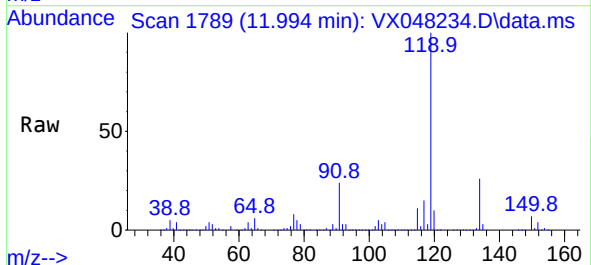
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

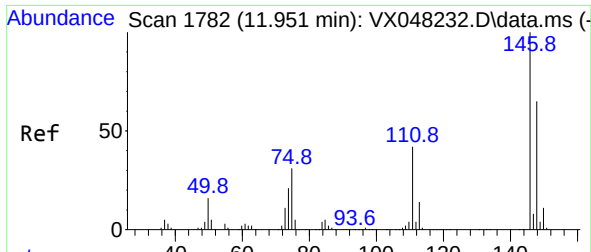
Tgt Ion:105 Resp: 861466
Ion Ratio Lower Upper
105 100
134 20.3 10.1 30.1



#86
p-Isopropyltoluene
Concen: 151.662 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:119 Resp: 738496
Ion Ratio Lower Upper
119 100
134 25.6 13.0 39.0
91 25.1 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 148.308 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

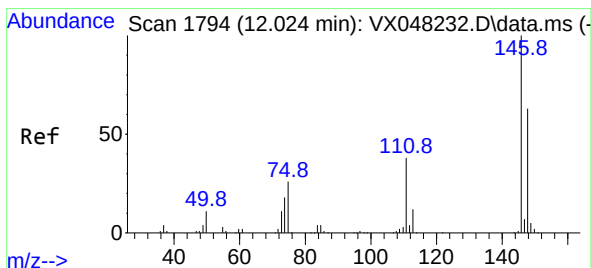
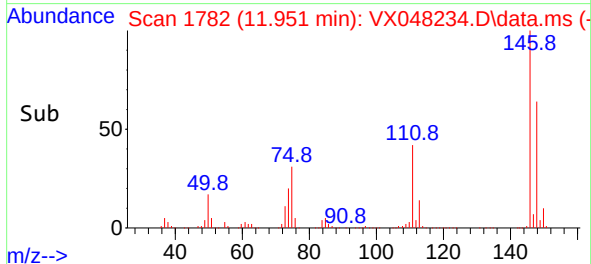
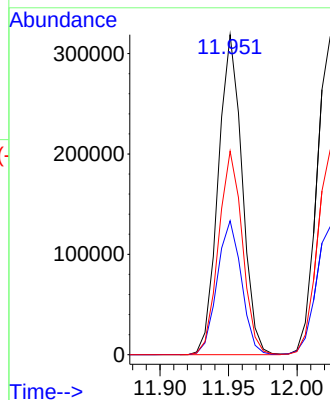
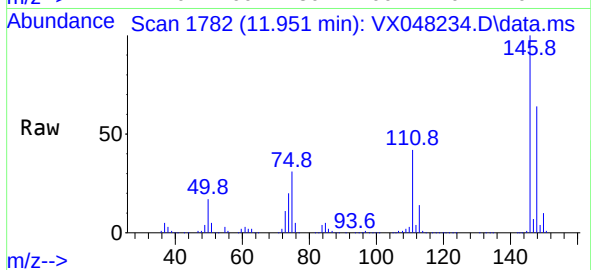
Tgt Ion:146 Resp: 386062

Ion Ratio Lower Upper

146 100

111 42.7 20.4 61.2

148 63.5 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 143.466 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

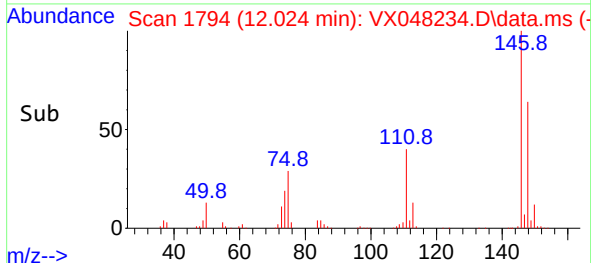
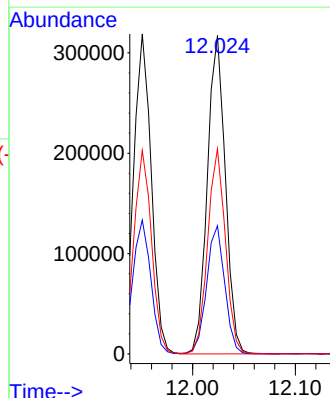
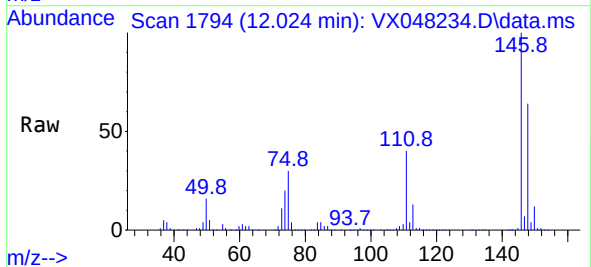
Tgt Ion:146 Resp: 386885

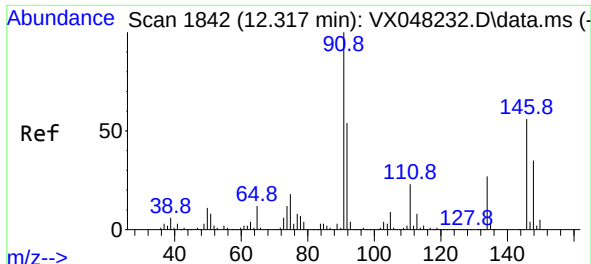
Ion Ratio Lower Upper

146 100

111 40.5 20.1 60.2

148 63.4 31.8 95.3

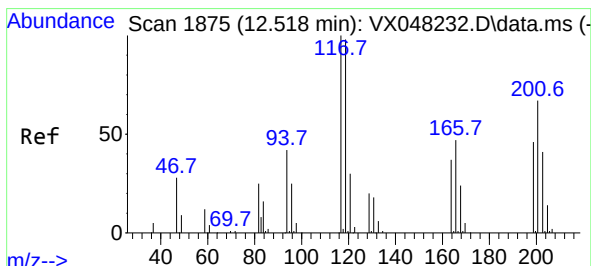
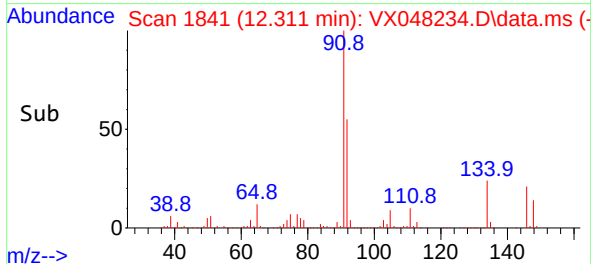
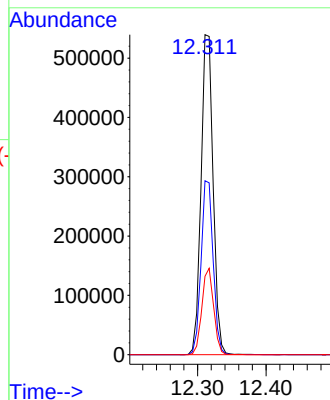
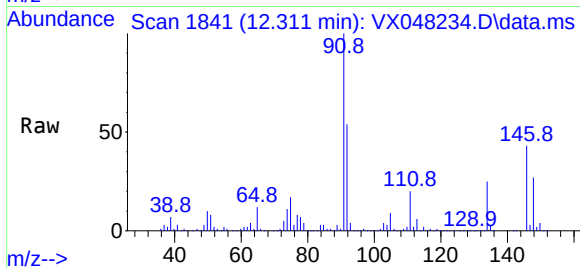




#89
n-Butylbenzene
Concen: 149.834 ug/l
RT: 12.311 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

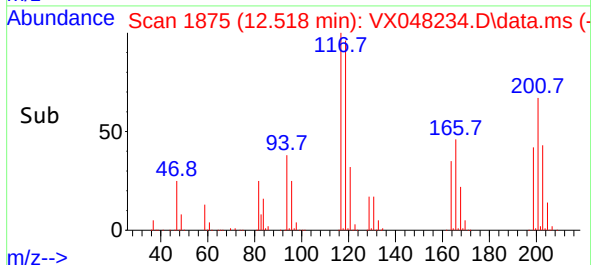
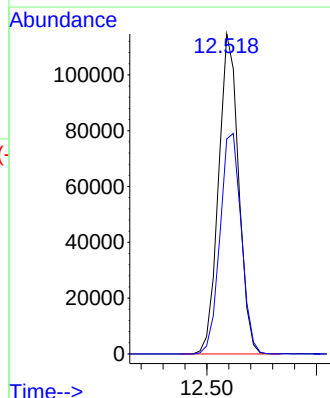
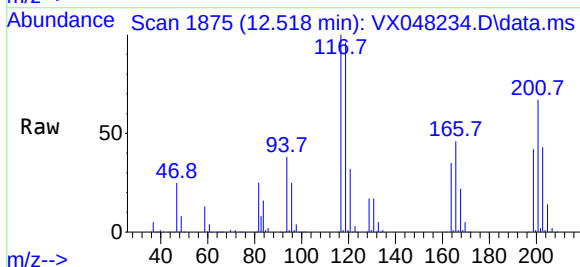
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

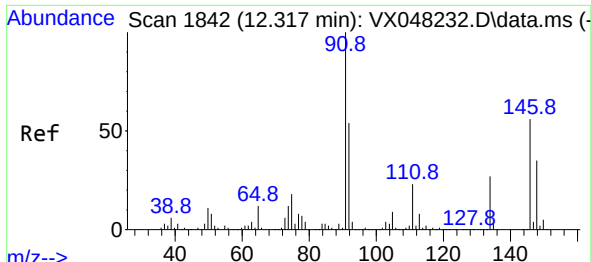
Tgt Ion: 91 Resp: 664071
Ion Ratio Lower Upper
91 100
92 54.4 26.9 80.6
134 26.3 12.7 38.1



#90
Hexachloroethane
Concen: 151.639 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 117 Resp: 145813
Ion Ratio Lower Upper
117 100
201 73.0 34.1 102.2

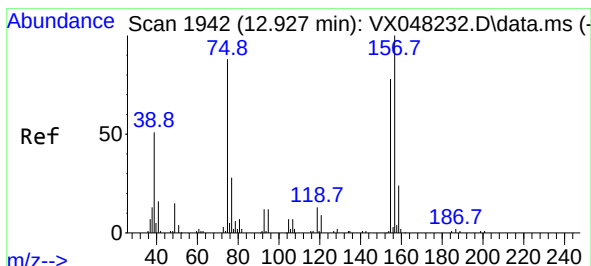
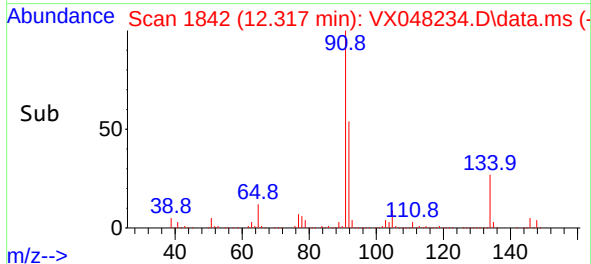
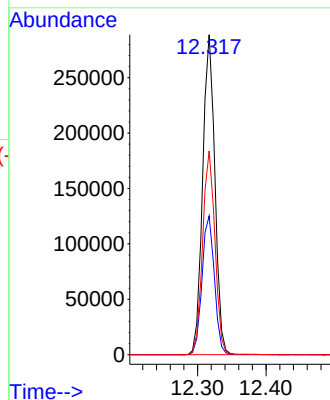
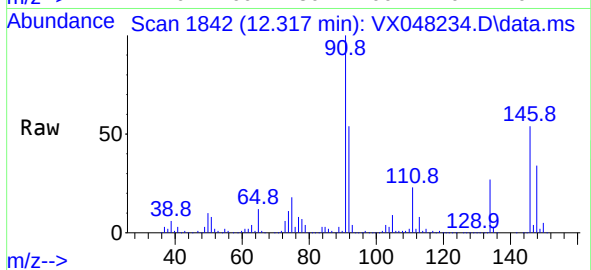




#91
1,2-Dichlorobenzene
Concen: 147.003 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

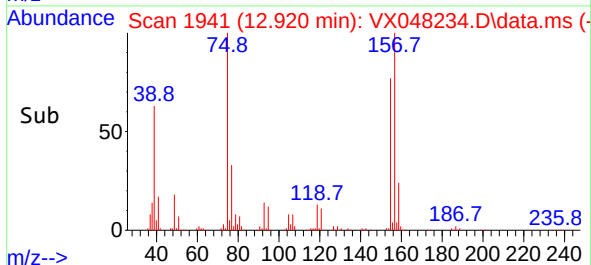
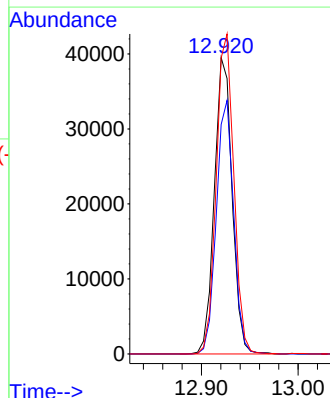
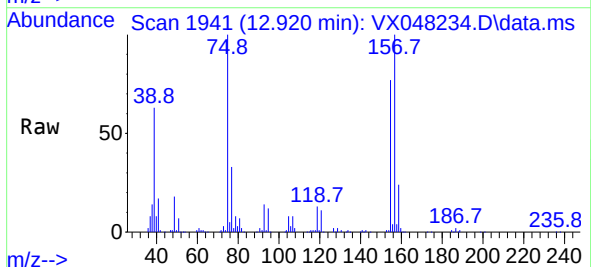
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

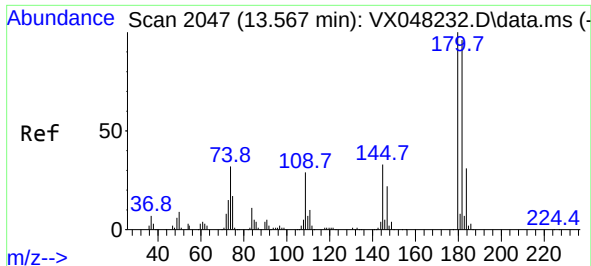
Tgt Ion:146 Resp: 359278
Ion Ratio Lower Upper
146 100
111 43.8 21.9 65.5
148 64.4 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 164.993 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 75 Resp: 50367
Ion Ratio Lower Upper
75 100
155 83.7 42.8 128.4
157 106.9 54.2 162.6

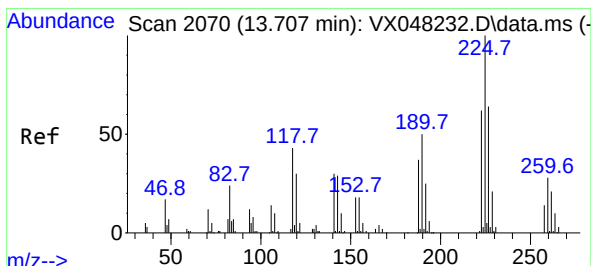
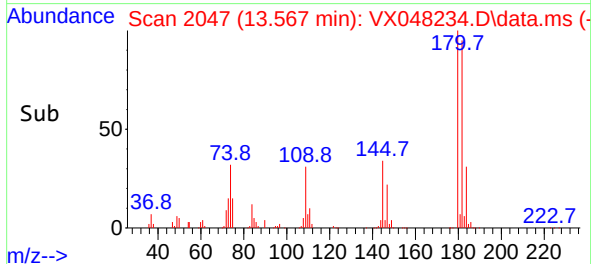
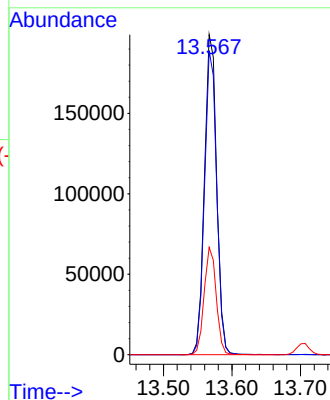
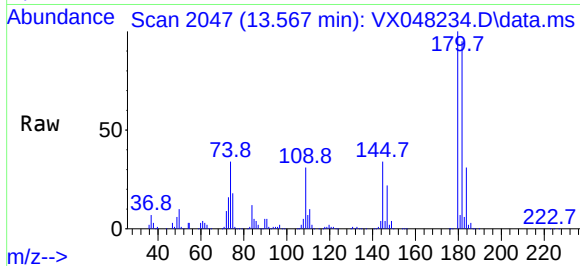




#93
1,2,4-Trichlorobenzene
Concen: 149.729 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

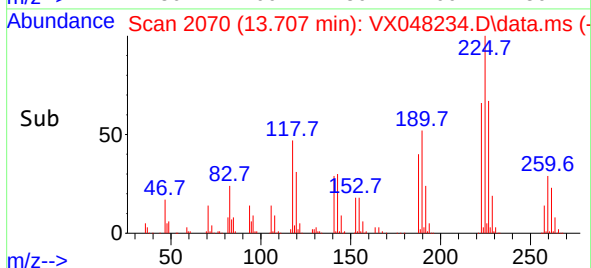
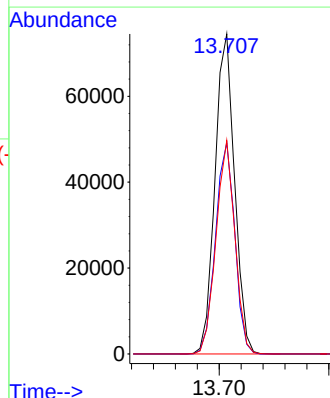
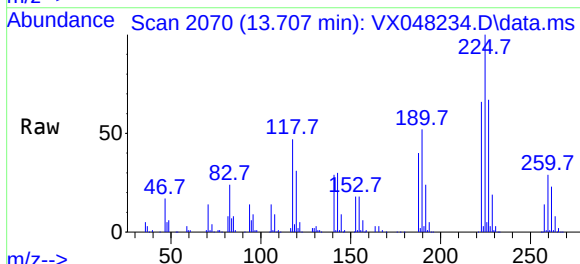
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

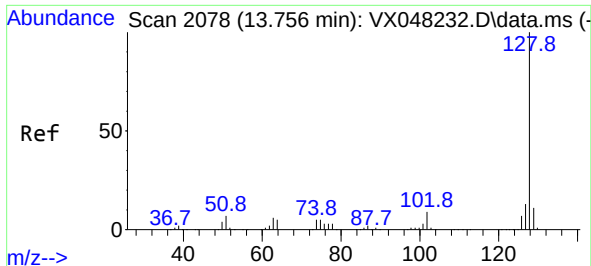
Tgt Ion:180 Resp: 247472
Ion Ratio Lower Upper
180 100
182 94.5 47.3 142.0
145 33.2 16.3 48.9



#94
Hexachlorobutadiene
Concen: 149.152 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:225 Resp: 92458
Ion Ratio Lower Upper
225 100
223 65.2 32.6 97.7
227 64.3 32.5 97.4



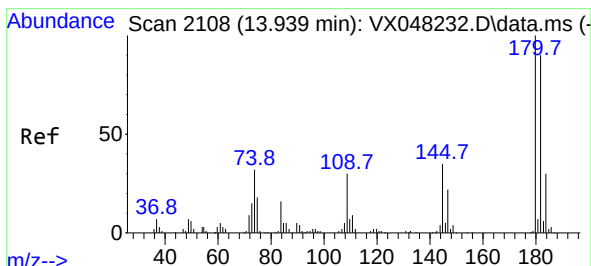
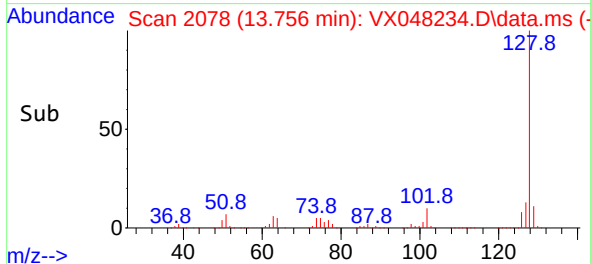
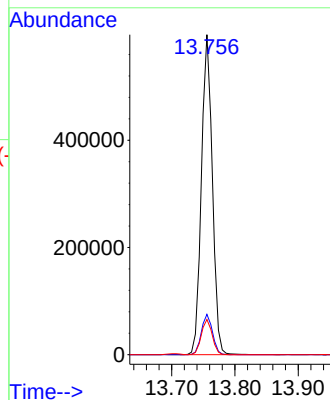
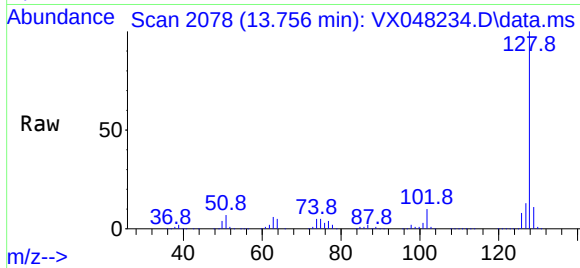


#95
Naphthalene
Concen: 164.296 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 719433

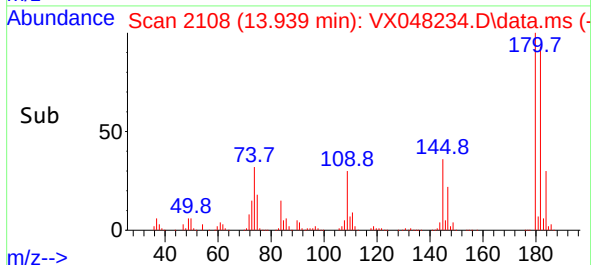
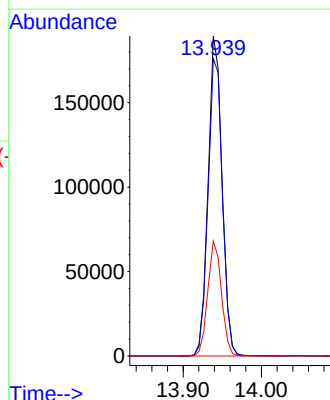
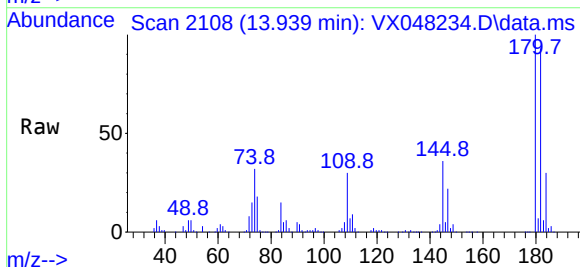
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	11.0	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 154.069 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:180 Resp: 233671

Ion	Ratio	Lower	Upper
180	100		
182	95.5	46.6	139.7
145	35.4	16.9	50.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
 Data File : VX048236.D
 Acq On : 20 Oct 2025 13:49
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Oct 25 03:37:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	138374	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	228619	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	208481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	105998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	10036	5.173	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	10.340%#
35) Dibromofluoromethane	5.379	113	7733	4.955	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	9.900%#
50) Toluene-d8	8.634	98	27914	5.102	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	10.200%#
62) 4-Bromofluorobenzene	11.067	95	11429	5.492	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	10.980%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	7219	5.075	ug/l	93
3) Chloromethane	1.300	50	7032	5.296	ug/l	95
4) Vinyl Chloride	1.380	62	6338	5.155	ug/l	98
5) Bromomethane	1.611	94	4789	5.739	ug/l	99
6) Chloroethane	1.691	64	3610	4.997	ug/l	99
7) Trichlorofluoromethane	1.898	101	12170	5.161	ug/l	96
8) Diethyl Ether	2.136	74	3283	4.948	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.337	101	7656	5.127	ug/l	92
10) Methyl Iodide	2.453	142	7871	4.193	ug/l	98
11) Tert butyl alcohol	2.940	59	5994	31.117	ug/l #	80
12) 1,1-Dichloroethene	2.325	96	7107	4.892	ug/l	91
13) Acrolein	2.233	56	5456	27.772	ug/l	96
14) Allyl chloride	2.666	41	11531	4.781	ug/l	96
15) Acrylonitrile	3.062	53	16982	24.449	ug/l	97
16) Acetone	2.373	43	18141	27.256	ug/l	100
17) Carbon Disulfide	2.520	76	23369	5.104	ug/l	96
18) Methyl Acetate	2.703	43	6418	4.617	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	22931	4.627	ug/l	97
20) Methylene Chloride	2.788	84	8228	5.074	ug/l #	81
21) trans-1,2-Dichloroethene	3.093	96	8343	5.228	ug/l	94
22) Diisopropyl ether	3.757	45	23533	4.892	ug/l #	97
23) Vinyl Acetate	3.721	43	91771	23.881	ug/l #	90
24) 1,1-Dichloroethane	3.605	63	14582	5.013	ug/l #	97
25) 2-Butanone	4.550	43	21808	25.887	ug/l #	89
26) 2,2-Dichloropropane	4.471	77	13077	4.981	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	9312	5.000	ug/l	96
28) Bromochloromethane	4.885	49	6488	5.379	ug/l #	89
29) Tetrahydrofuran	4.995	42	12637	25.047	ug/l	98
30) Chloroform	5.086	83	15814	5.089	ug/l	96
31) Cyclohexane	5.458	56	11661	4.842	ug/l	98
32) 1,1,1-Trichloroethane	5.367	97	14399	5.027	ug/l	98
36) 1,1-Dichloropropene	5.684	75	10855	4.893	ug/l	99
37) Ethyl Acetate	4.702	43	7759	4.220	ug/l #	75
38) Carbon Tetrachloride	5.672	117	14225	5.198	ug/l #	81
39) Methylcyclohexane	7.366	83	13491	5.149	ug/l	97
40) Benzene	6.031	78	32115	4.986	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
 Data File : VX048236.D
 Acq On : 20 Oct 2025 13:49
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Oct 25 03:37:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	2340	2.423	ug/l #	38
42) 1,2-Dichloroethane	6.074	62	11412	4.802	ug/l	100
43) Isopropyl Acetate	6.330	43	13996	4.634	ug/l #	93
44) Trichloroethene	7.110	130	8373	4.923	ug/l	93
45) 1,2-Dichloropropane	7.415	63	7709	5.034	ug/l	99
46) Dibromomethane	7.568	93	6041	5.064	ug/l	91
47) Bromodichloromethane	7.811	83	12974	5.037	ug/l	97
48) Methyl methacrylate	7.683	41	6863	4.503	ug/l	94
49) 1,4-Dioxane	7.659	88	2020	100.322	ug/l	97
51) 4-Methyl-2-Pentanone	8.555	43	42725	24.534	ug/l	97
52) Toluene	8.708	92	21137	5.166	ug/l	97
53) t-1,3-Dichloropropene	8.964	75	12015	4.840	ug/l	98
54) cis-1,3-Dichloropropene	8.354	75	12702	4.743	ug/l	90
55) 1,1,2-Trichloroethane	9.140	97	8113	5.332	ug/l	91
56) Ethyl methacrylate	9.104	69	10320	4.637	ug/l	94
57) 1,3-Dichloropropane	9.293	76	13087	5.035	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.232	63	20764	18.931	ug/l	98
59) 2-Hexanone	9.415	43	30949	25.488	ug/l	96
60) Dibromochloromethane	9.506	129	10082	4.930	ug/l	99
61) 1,2-Dibromoethane	9.592	107	8079	4.980	ug/l	100
64) Tetrachloroethene	9.256	164	8020	5.153	ug/l	92
65) Chlorobenzene	10.061	112	23873	5.090	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.146	131	8450	4.905	ug/l	98
67) Ethyl Benzene	10.177	91	39121	4.899	ug/l	96
68) m/p-Xylenes	10.287	106	30310	10.217	ug/l	97
69) o-Xylene	10.628	106	14262	4.979	ug/l	98
70) Styrene	10.640	104	24289	4.980	ug/l	98
71) Bromoform	10.780	173	6766	4.915	ug/l #	96
73) Isopropylbenzene	10.945	105	37935	4.900	ug/l	99
74) N-amyl acetate	10.829	43	12188	4.438	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.195	83	10324	4.883	ug/l	98
76) 1,2,3-Trichloropropane	11.225	75	10217	5.944	ug/l	91
77) Bromobenzene	11.183	156	9508	4.898	ug/l	94
78) n-propylbenzene	11.286	91	44189	4.930	ug/l	99
79) 2-Chlorotoluene	11.347	91	26627	4.899	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	30618	4.779	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	3038	4.300	ug/l	96
82) 4-Chlorotoluene	11.439	91	31357	4.860	ug/l	97
83) tert-Butylbenzene	11.695	119	32297	4.906	ug/l	96
84) 1,2,4-Trimethylbenzene	11.731	105	31709	4.959	ug/l	100
85) sec-Butylbenzene	11.872	105	39113	4.939	ug/l	99
86) p-Isopropyltoluene	11.994	119	34155	4.989	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	18546	5.068	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	18787	4.955	ug/l	91
89) n-Butylbenzene	12.317	91	30409	4.880	ug/l	99
90) Hexachloroethane	12.518	117	6863	5.077	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	16849	4.904	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.926	75	1984	4.623	ug/l	98
93) 1,2,4-Trichlorobenzene	13.573	180	10538	4.535	ug/l	98
94) Hexachlorobutadiene	13.707	225	5113	5.931	ug/l	96
95) Naphthalene	13.756	128	26218	4.259	ug/l	98
96) 1,2,3-Trichlorobenzene	13.944	180	10040	4.709	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048236.D
Acq On : 20 Oct 2025 13:49
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

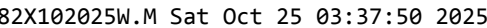
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

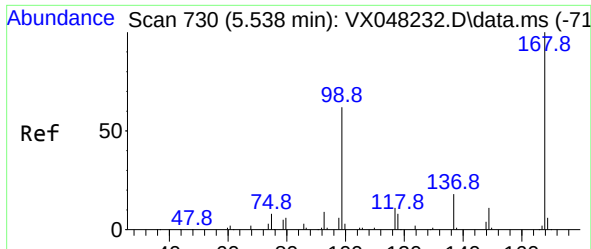
Quant Time: Oct 25 03:37:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

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

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

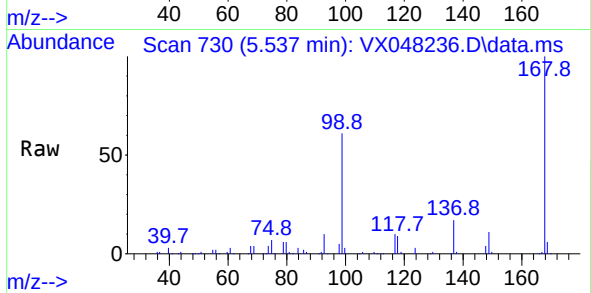
Quant Time: Oct 25 03:37:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration



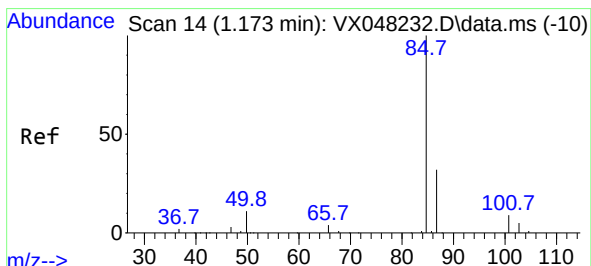
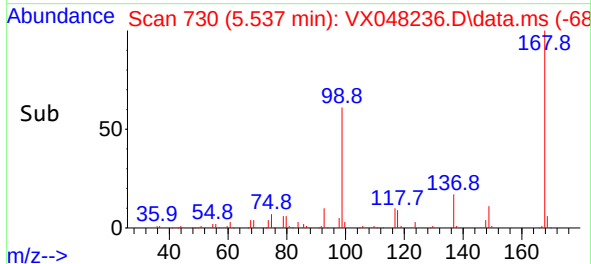
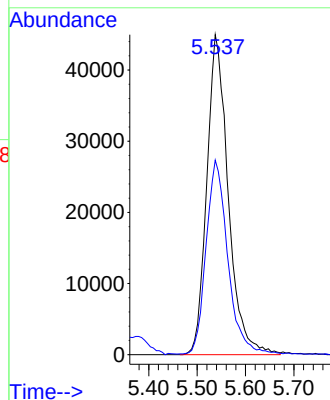


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

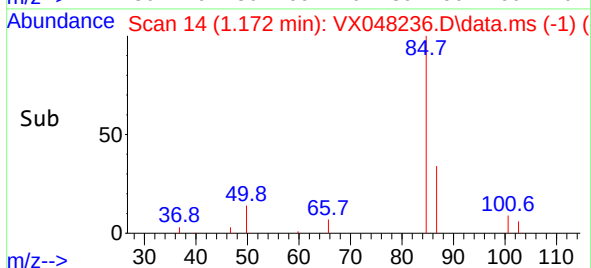
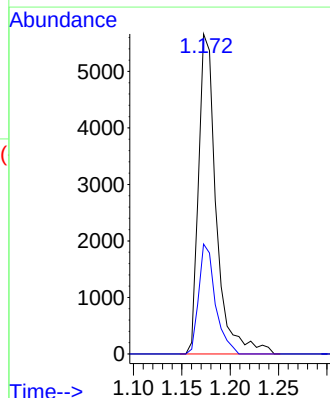
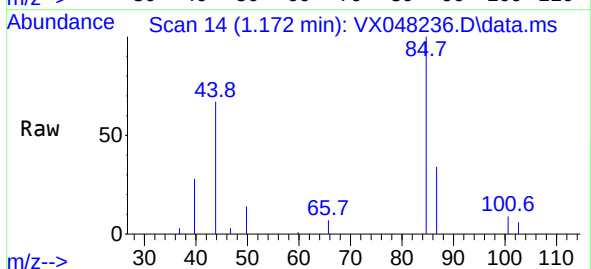


Tgt Ion:168 Resp: 138374
Ion Ratio Lower Upper
168 100
99 60.5 46.4 69.6

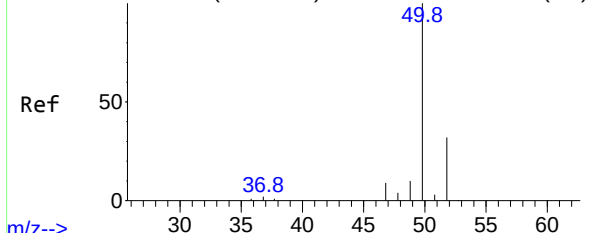


#2
Dichlorodifluoromethane
Concen: 5.075 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

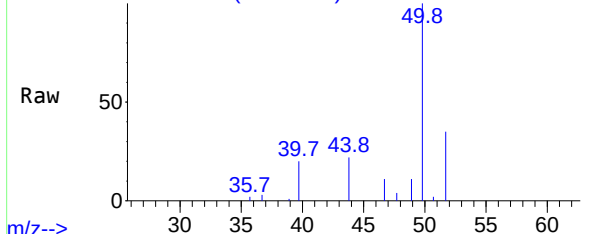
Tgt Ion: 85 Resp: 7219
Ion Ratio Lower Upper
85 100
87 34.3 15.3 45.9



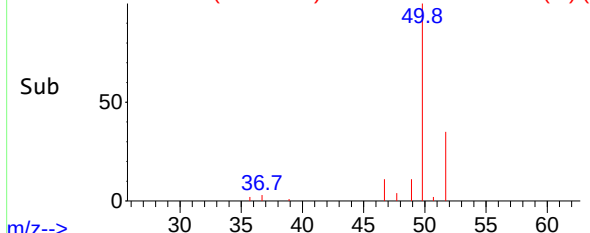
Abundance Scan 35 (1.301 min): VX048232.D\data.ms (-30)



Abundance Scan 35 (1.300 min): VX048236.D\data.ms



Abundance Scan 35 (1.300 min): VX048236.D\data.ms (-1) (



#3

Chloromethane

Concen: 5.296 ug/l

RT: 1.300 min Scan# 3

Delta R.T. -0.000 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

Instrument :

MSVOA_X

ClientSampleId :

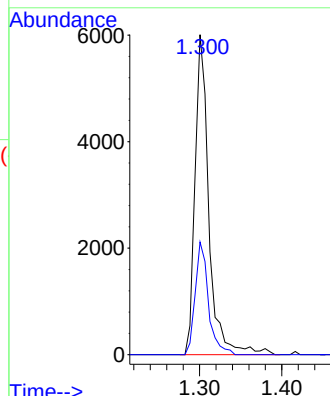
VSTDICC005

Tgt Ion: 50 Resp: 7032

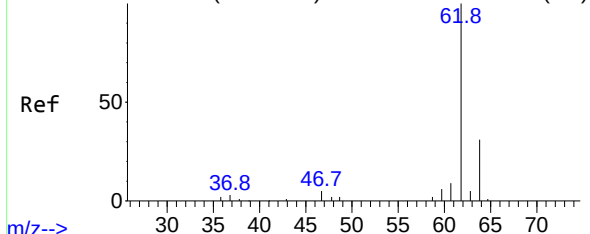
Ion Ratio Lower Upper

50 100

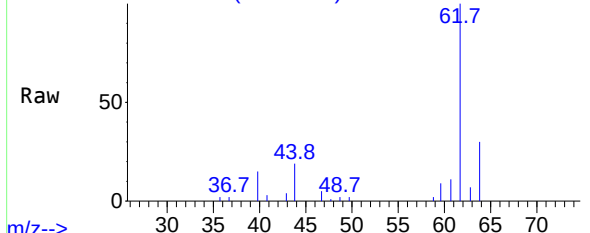
52 35.2 25.9 38.9



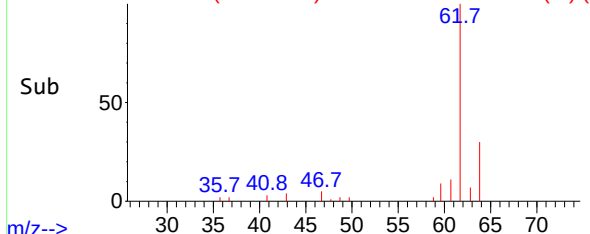
Abundance Scan 48 (1.380 min): VX048232.D\data.ms (-43)



Abundance Scan 48 (1.380 min): VX048236.D\data.ms



Abundance Scan 48 (1.380 min): VX048236.D\data.ms (-1) (



#4

Vinyl Chloride

Concen: 5.155 ug/l

RT: 1.380 min Scan# 48

Delta R.T. -0.000 min

Lab File: VX048236.D

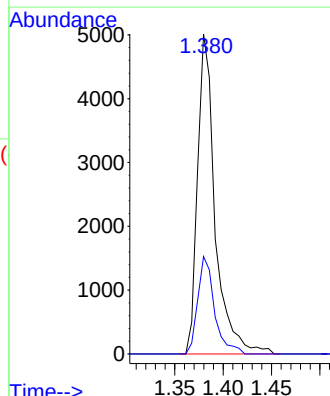
Acq: 20 Oct 2025 13:49

Tgt Ion: 62 Resp: 6338

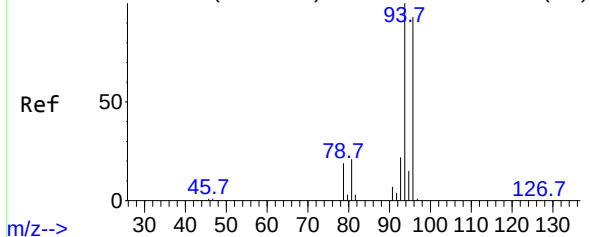
Ion Ratio Lower Upper

62 100

64 30.5 25.1 37.7



Abundance Scan 87 (1.618 min): VX048232.D\data.ms (-81)



#5

Bromomethane

Concen: 5.739 ug/l

RT: 1.611 min Scan# 8

Delta R.T. -0.006 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

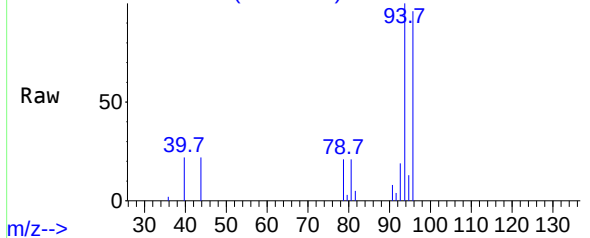
Tgt Ion: 94 Resp: 4789

Ion Ratio Lower Upper

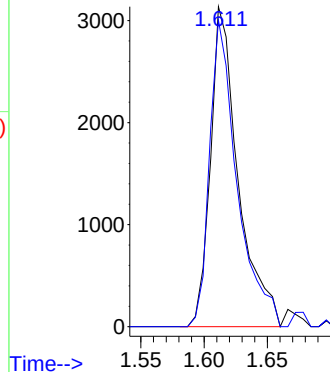
94 100

96 95.8 76.0 114.0

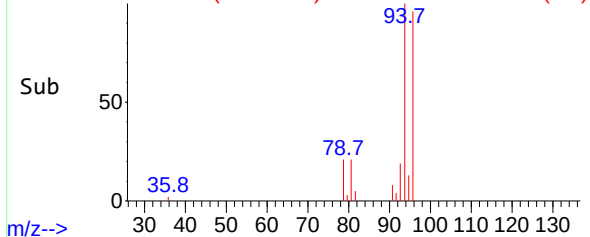
Abundance Scan 86 (1.611 min): VX048236.D\data.ms



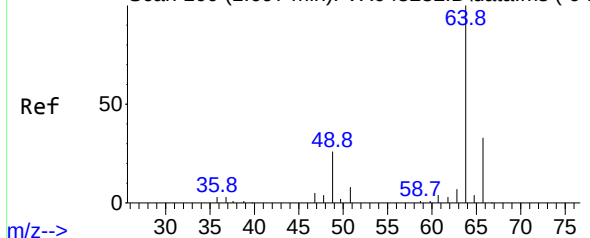
Abundance



Abundance Scan 86 (1.611 min): VX048236.D\data.ms (-38)



Abundance Scan 100 (1.697 min): VX048232.D\data.ms (-94)



#6

Chloroethane

Concen: 4.997 ug/l

RT: 1.691 min Scan# 99

Delta R.T. -0.006 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

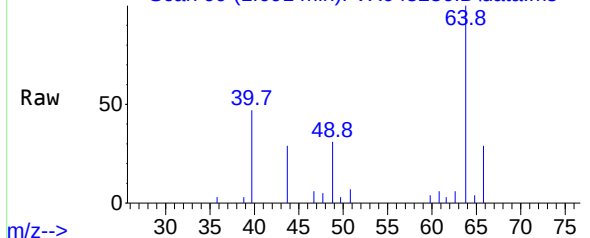
Tgt Ion: 64 Resp: 3610

Ion Ratio Lower Upper

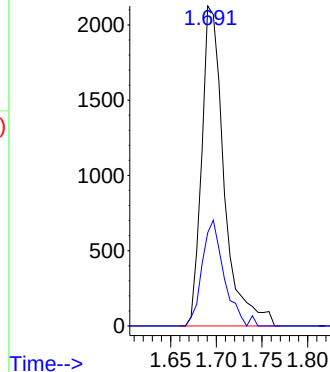
64 100

66 29.2 23.9 35.9

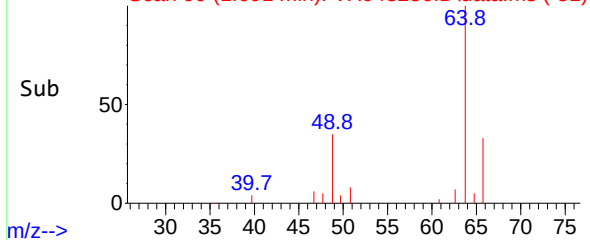
Abundance Scan 99 (1.691 min): VX048236.D\data.ms



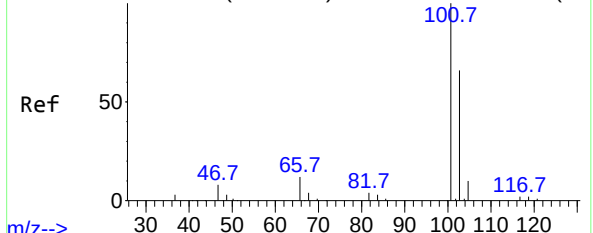
Abundance



Abundance Scan 99 (1.691 min): VX048236.D\data.ms (-51)



Abundance Scan 133 (1.898 min): VX048232.D\data.ms (-12



#7

Trichlorofluoromethane

Concen: 5.161 ug/l

RT: 1.898 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:101 Resp: 12170

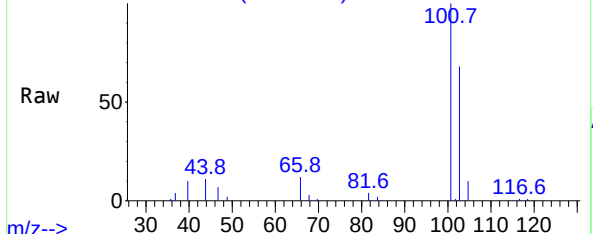
Ion Ratio Lower Upper

101 100

103 67.6 51.6 77.4

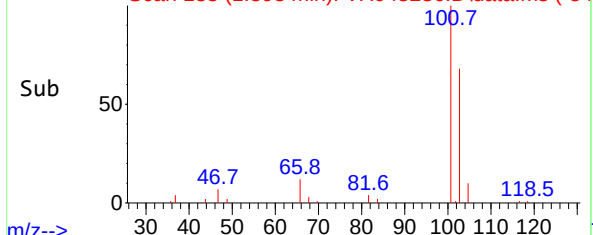
m/z-->

Abundance Scan 133 (1.898 min): VX048236.D\data.ms



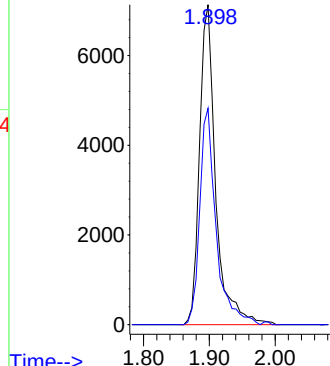
m/z-->

Abundance Scan 133 (1.898 min): VX048236.D\data.ms (-84

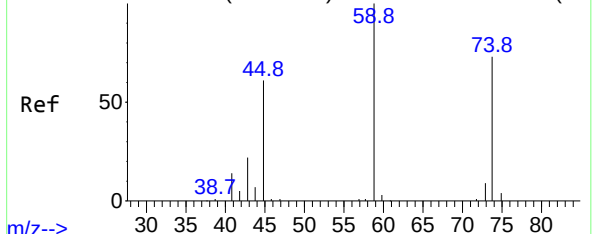


m/z-->

Abundance



Abundance Scan 172 (2.136 min): VX048232.D\data.ms (-16



#8

Diethyl Ether

Concen: 4.948 ug/l

RT: 2.136 min Scan# 172

Delta R.T. -0.000 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

Tgt Ion: 74 Resp: 3283

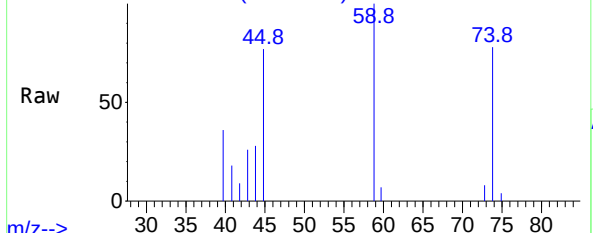
Ion Ratio Lower Upper

74 100

45 86.7 50.0 149.8

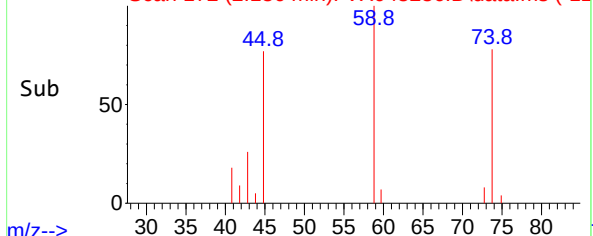
m/z-->

Abundance Scan 172 (2.136 min): VX048236.D\data.ms



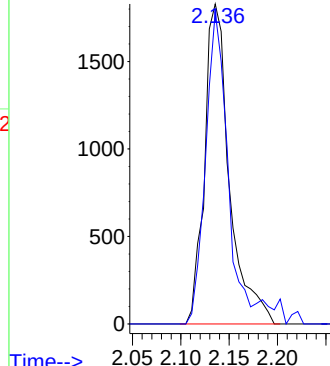
m/z-->

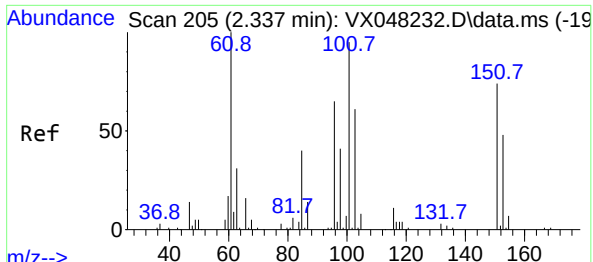
Abundance Scan 172 (2.136 min): VX048236.D\data.ms (-12



m/z-->

Abundance

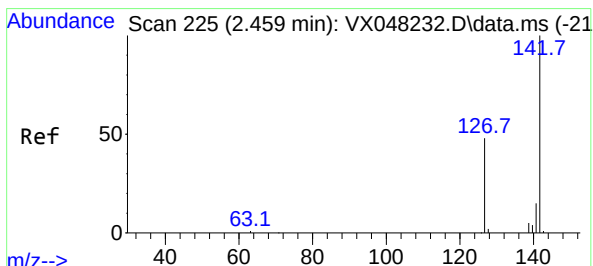
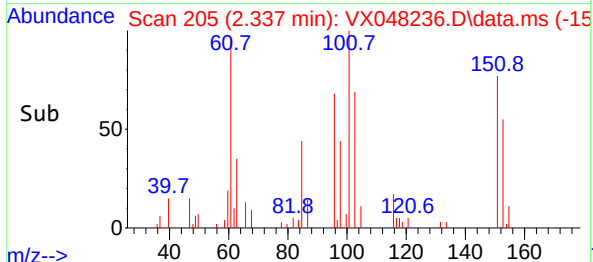
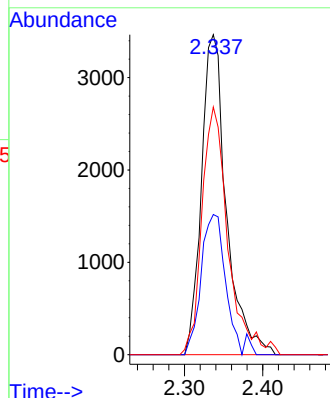
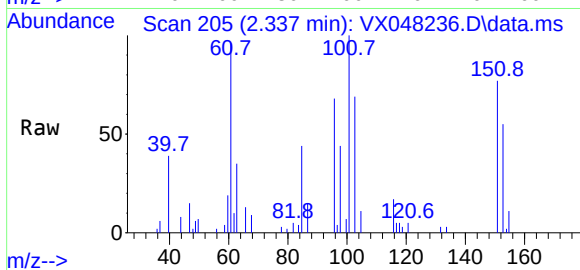




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.127 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

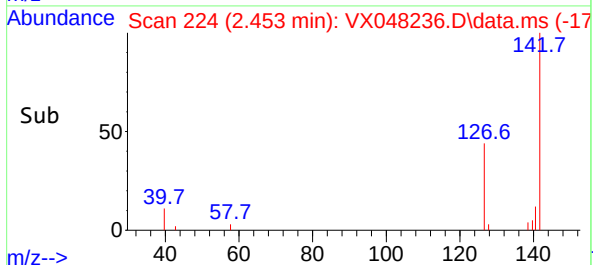
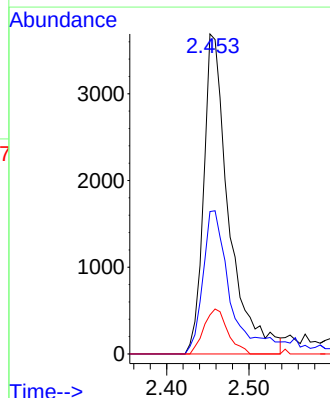
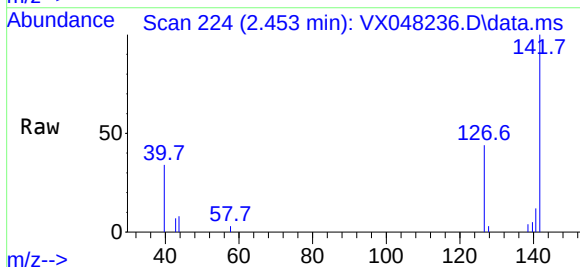
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

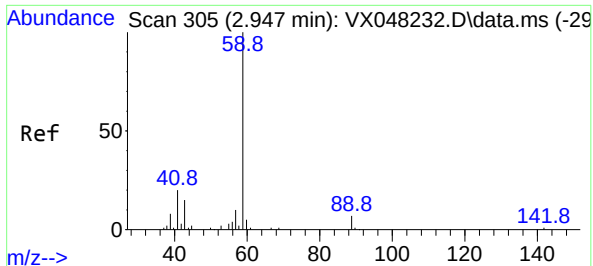
Tgt Ion:	101	Resp:	7656
Ion	Ratio	Lower	Upper
101	100		
85	42.4	35.6	53.4
151	81.0	58.0	87.0



#10
Methyl Iodide
Concen: 4.193 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:	142	Resp:	7871
Ion	Ratio	Lower	Upper
142	100		
127	48.9	38.5	57.7
141	13.3	11.6	17.4

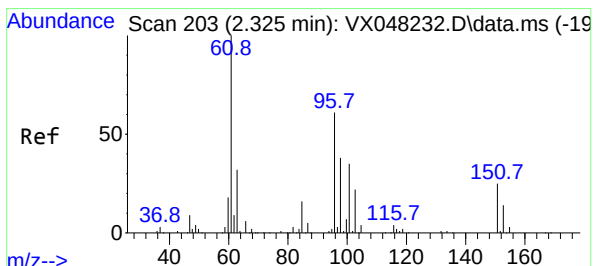
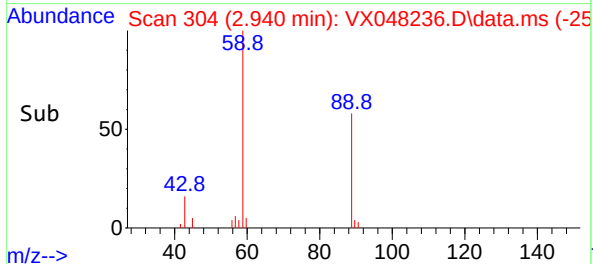
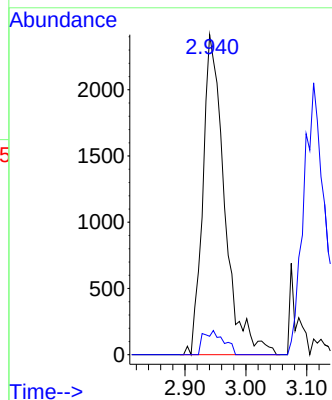
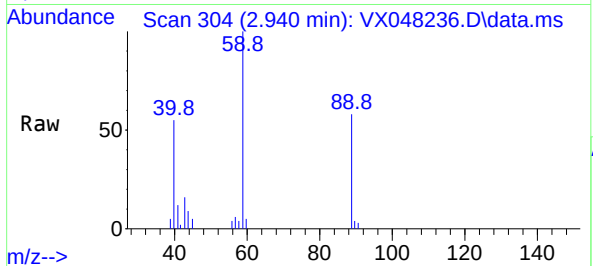




#11
Tert butyl alcohol
Concen: 31.117 ug/l
RT: 2.940 min Scan# 305
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

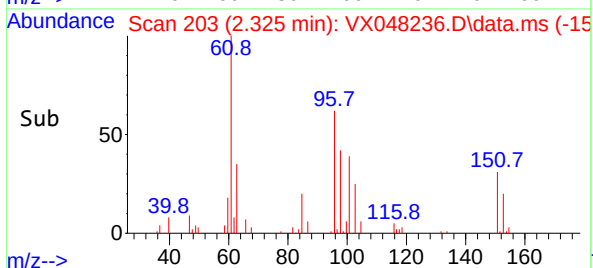
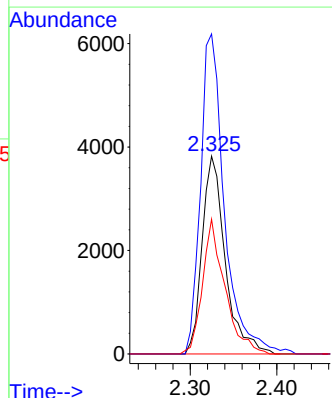
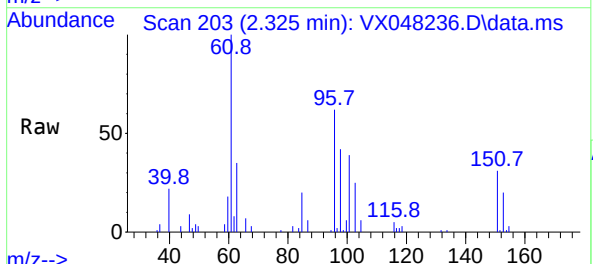
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

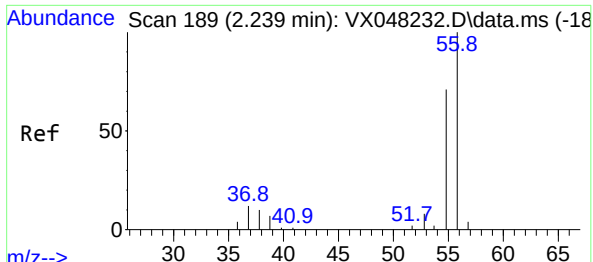
Tgt Ion: 59 Resp: 5994
Ion Ratio Lower Upper
59 100
57 2.8 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 4.892 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 96 Resp: 7107
Ion Ratio Lower Upper
96 100
61 156.9 139.0 208.6
98 66.1 52.4 78.6

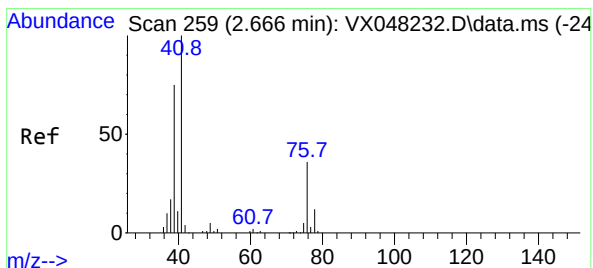
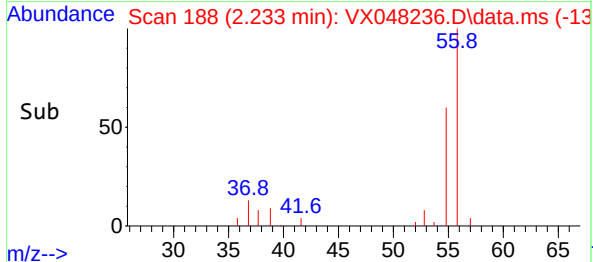
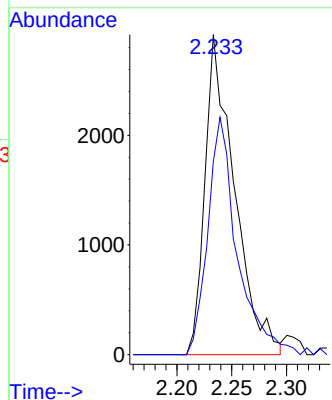
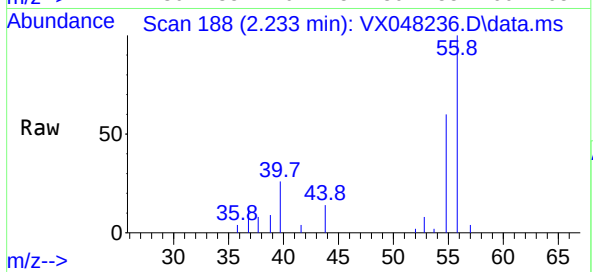




#13
Acrolein
Concen: 27.772 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

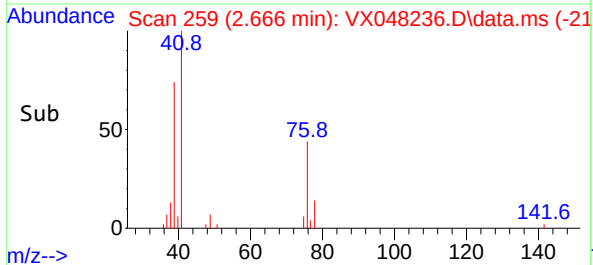
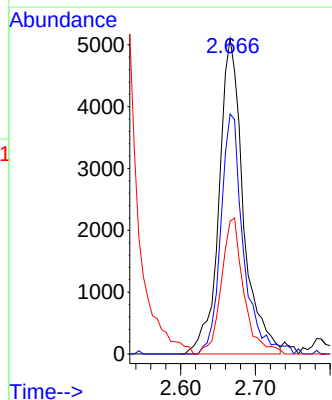
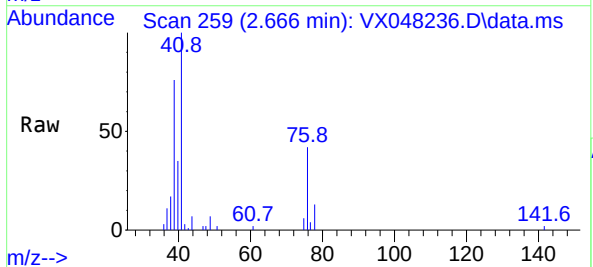
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

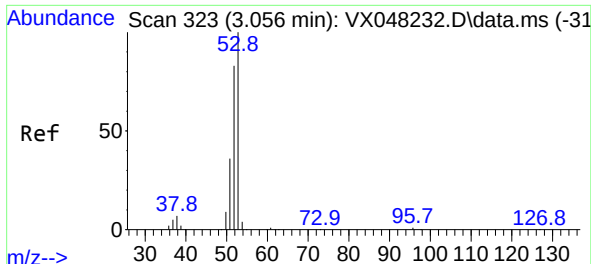
Tgt Ion: 56 Resp: 5456
Ion Ratio Lower Upper
56 100
55 73.7 56.1 84.1



#14
Allyl chloride
Concen: 4.781 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 41 Resp: 11531
Ion Ratio Lower Upper
41 100
39 71.2 56.0 84.0
76 39.7 27.5 41.3





#15

Acrylonitrile

Concen: 24.449 ug/l

RT: 3.062 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

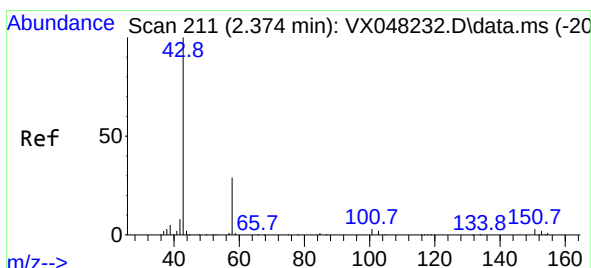
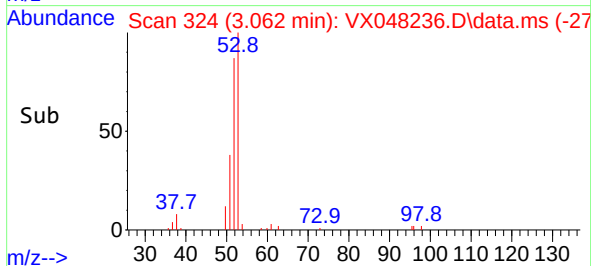
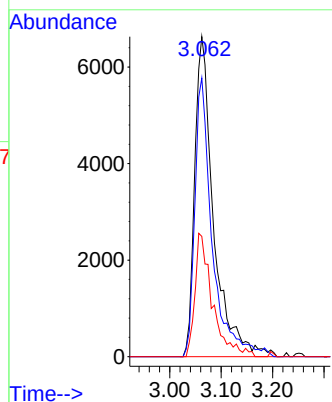
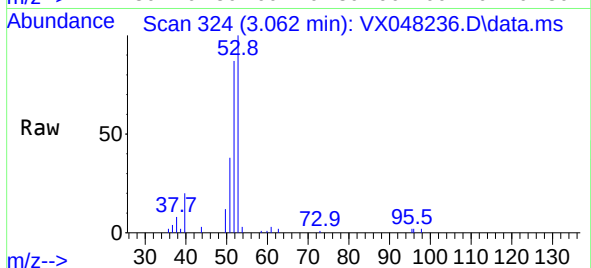
Tgt Ion: 53 Resp: 16982

Ion Ratio Lower Upper

53 100

52 80.1 66.1 99.1

51 34.9 29.0 43.4



#16

Acetone

Concen: 27.256 ug/l

RT: 2.373 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX048236.D

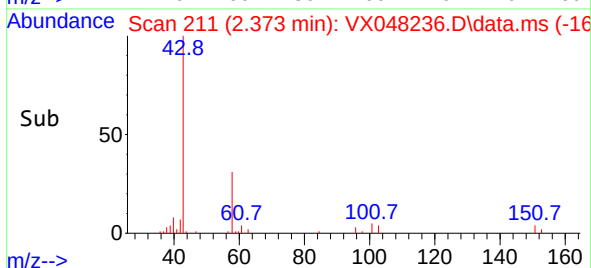
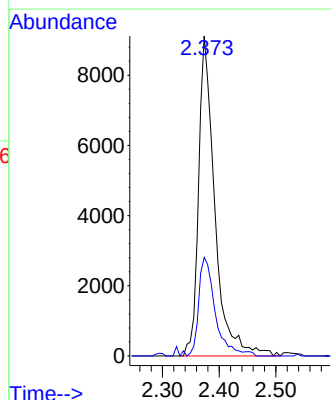
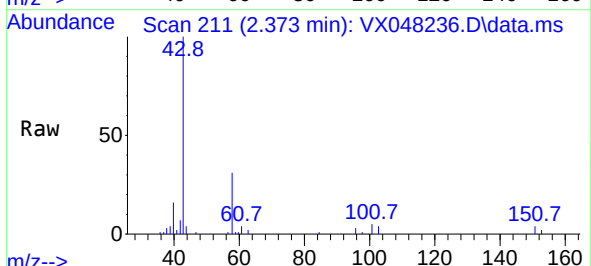
Acq: 20 Oct 2025 13:49

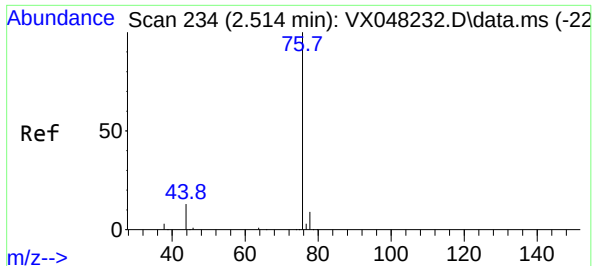
Tgt Ion: 43 Resp: 18141

Ion Ratio Lower Upper

43 100

58 29.5 23.4 35.2

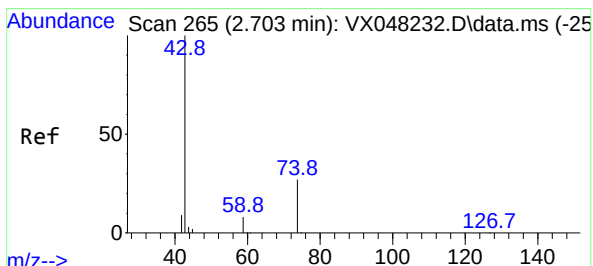
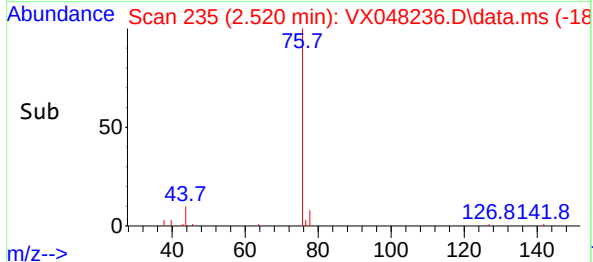
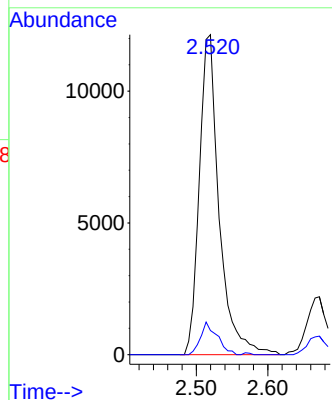
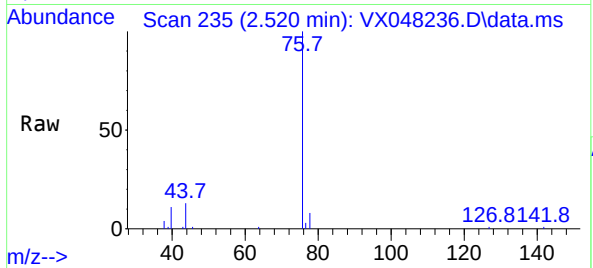




#17
Carbon Disulfide
Concen: 5.104 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

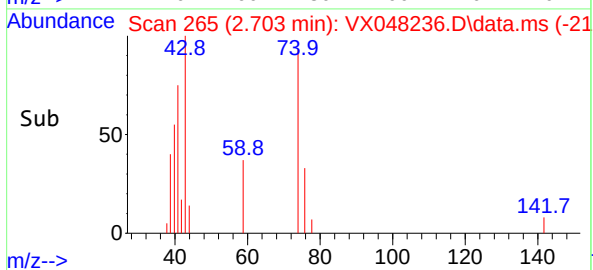
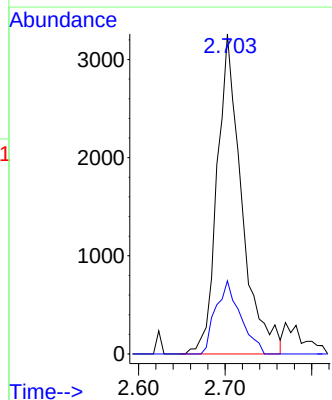
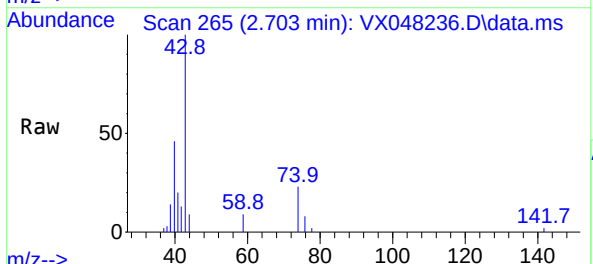
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

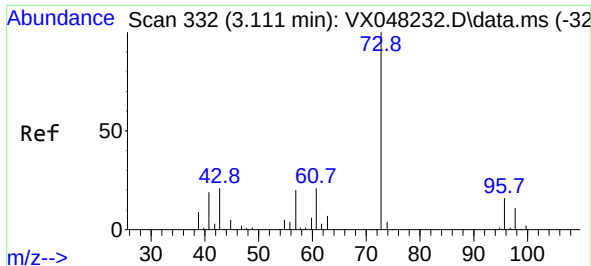
Tgt Ion: 76 Resp: 23369
Ion Ratio Lower Upper
76 100
78 7.3 7.1 10.7



#18
Methyl Acetate
Concen: 4.617 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 43 Resp: 6418
Ion Ratio Lower Upper
43 100
74 23.0 17.5 26.3

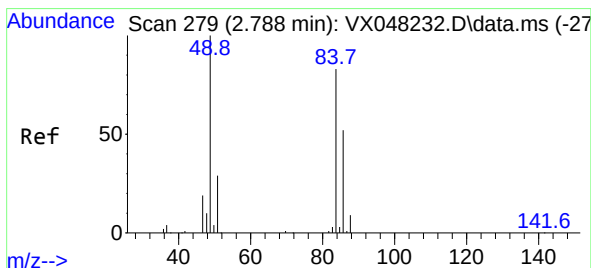
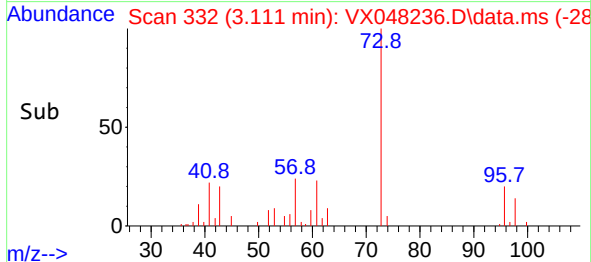
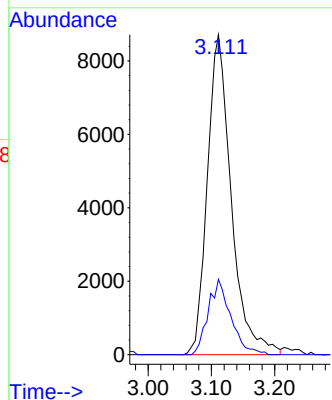
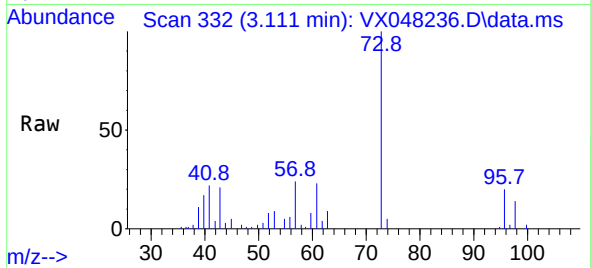




#19
Methyl tert-butyl Ether
Concen: 4.627 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

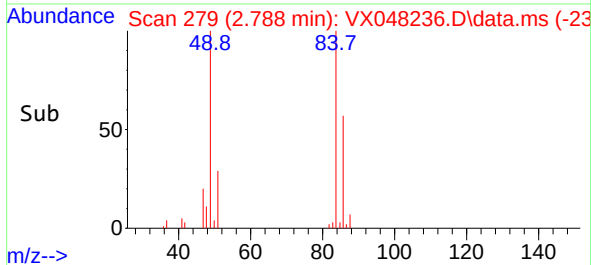
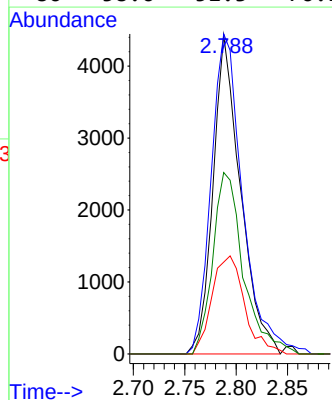
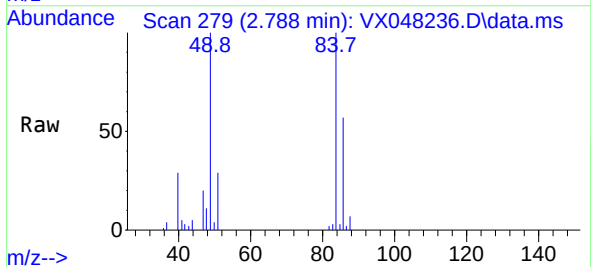
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

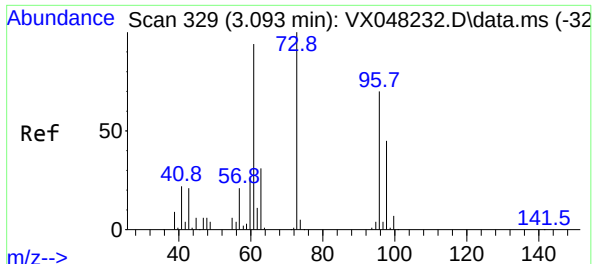
Tgt Ion: 73 Resp: 22931
Ion Ratio Lower Upper
73 100
57 23.6 17.7 26.5



#20
Methylene Chloride
Concen: 5.074 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 84 Resp: 8228
Ion Ratio Lower Upper
84 100
49 100.4 104.1 156.1#
51 28.8 31.3 46.9#
86 58.6 51.3 76.9

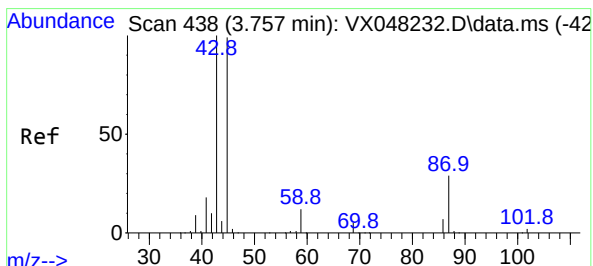
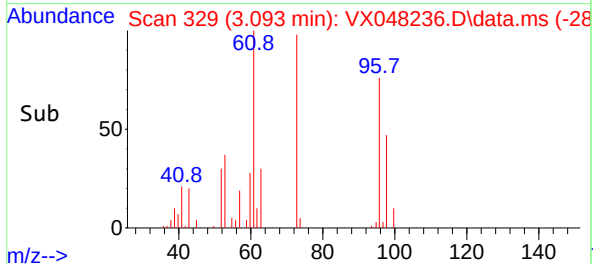
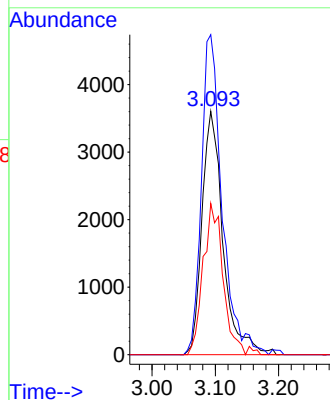
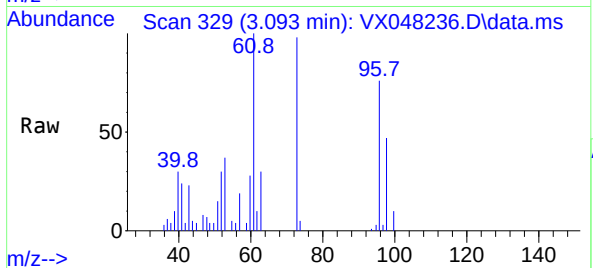




#21
trans-1,2-Dichloroethene
Concen: 5.228 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

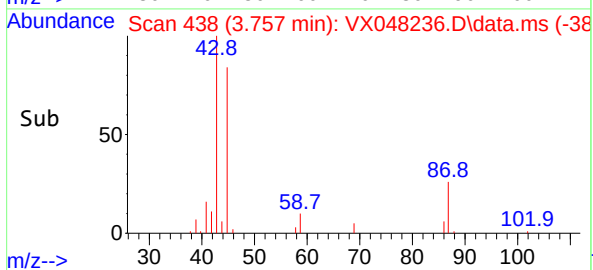
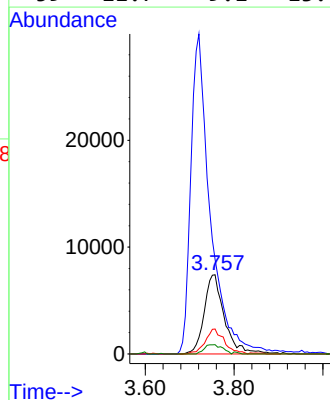
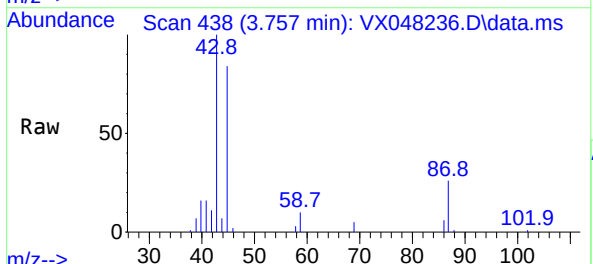
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

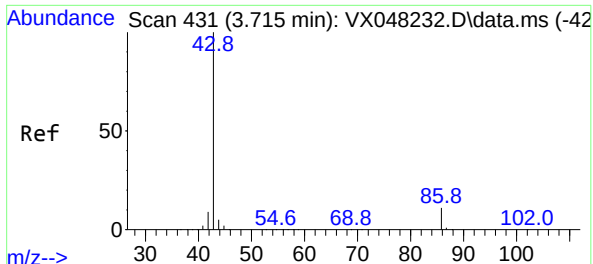
Tgt Ion: 96 Resp: 8343
Ion Ratio Lower Upper
96 100
61 131.5 111.9 167.9
98 62.1 51.2 76.8



#22
Diisopropyl ether
Concen: 4.892 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 45 Resp: 23533
Ion Ratio Lower Upper
45 100
43 113.3 89.8 134.8
87 31.5 20.6 31.0#
59 11.7 9.1 13.7

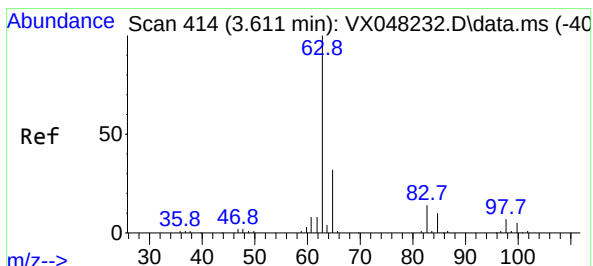
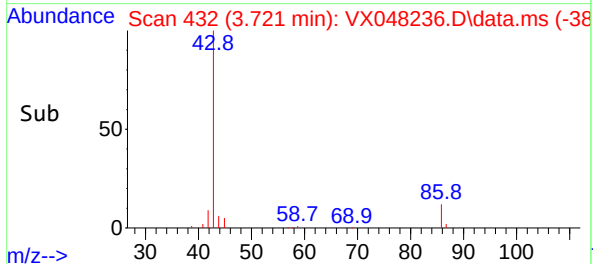
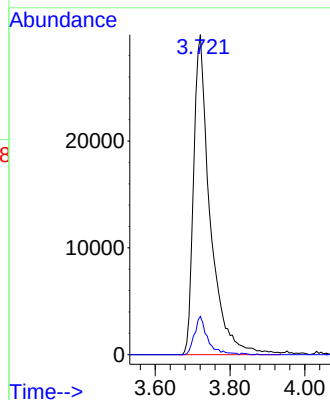
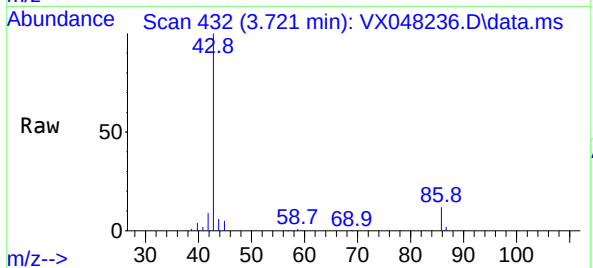




#23
 Vinyl Acetate
 Concen: 23.881 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX048236.D
 Acq: 20 Oct 2025 13:49

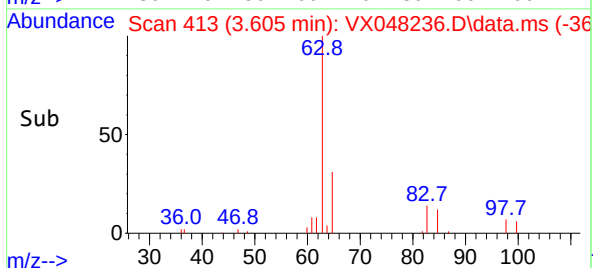
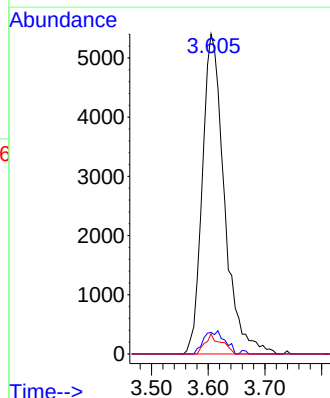
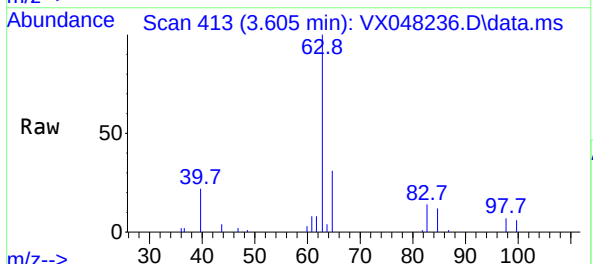
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

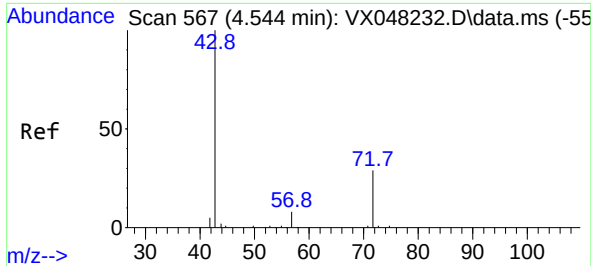
Tgt Ion: 43 Resp: 91771
 Ion Ratio Lower Upper
 43 100
 86 13.5 7.9 11.9#



#24
 1,1-Dichloroethane
 Concen: 5.013 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX048236.D
 Acq: 20 Oct 2025 13:49

Tgt Ion: 63 Resp: 14582
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.6
 100 6.3 2.1 6.3#

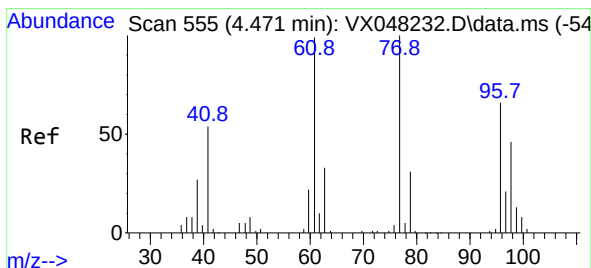
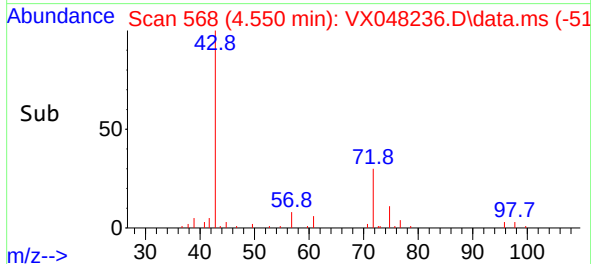
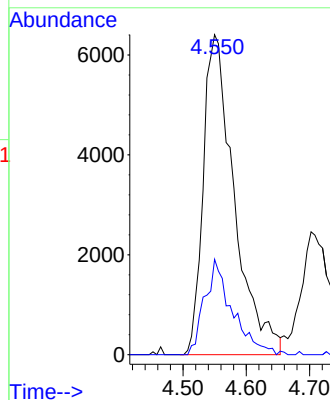
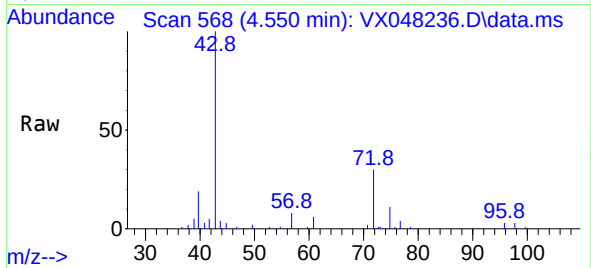




#25
2-Butanone
Concen: 25.887 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.012 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

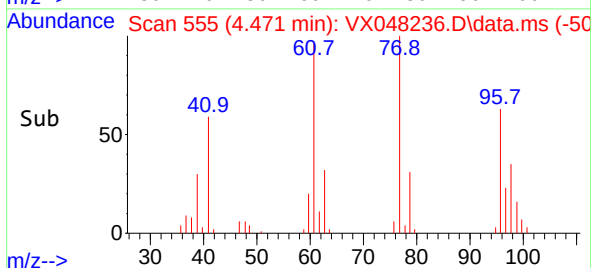
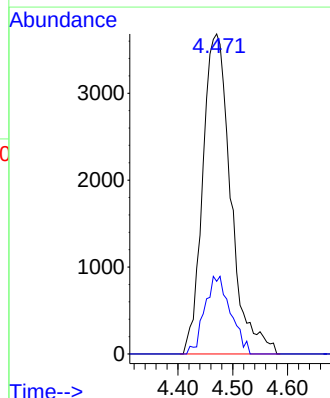
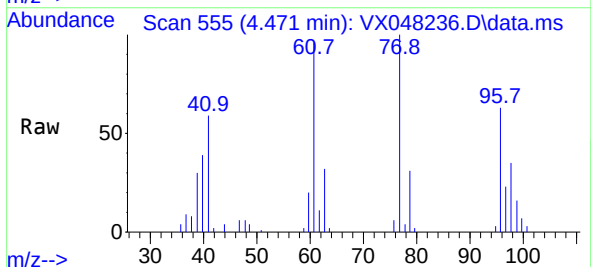
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

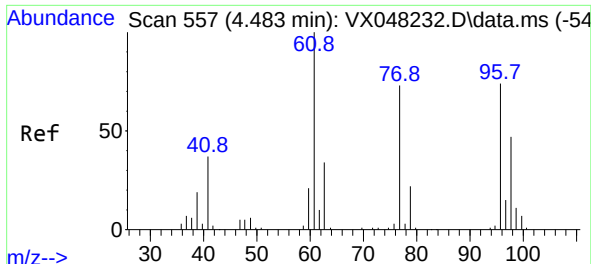
Tgt Ion: 43 Resp: 21808
Ion Ratio Lower Upper
43 100
72 30.6 19.9 29.9#



#26
2,2-Dichloropropane
Concen: 4.981 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 77 Resp: 13077
Ion Ratio Lower Upper
77 100
97 22.5 11.1 33.3



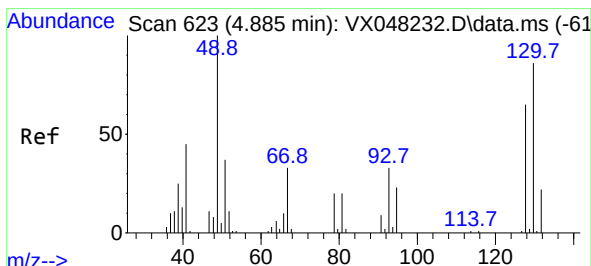
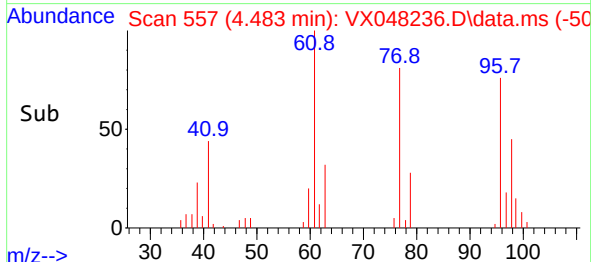
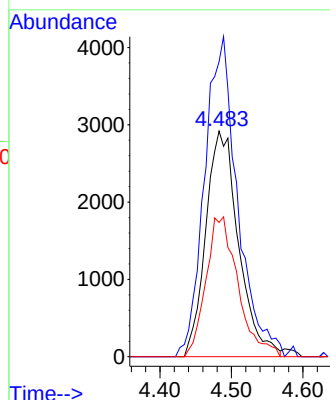
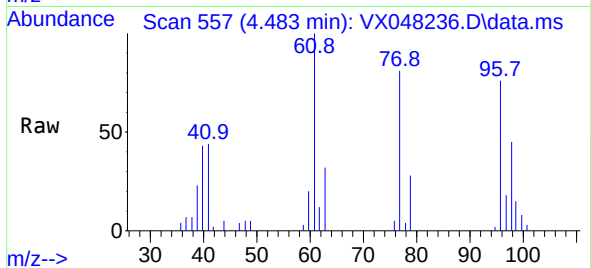


#27
cis-1,2-Dichloroethene
Concen: 5.000 ug/l
RT: 4.483 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 9312

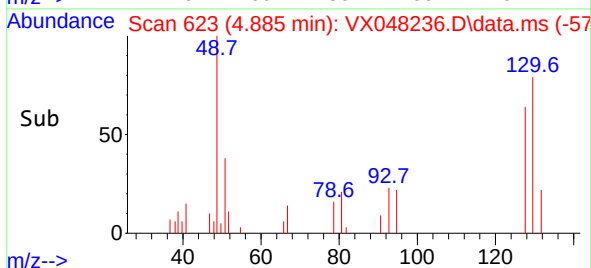
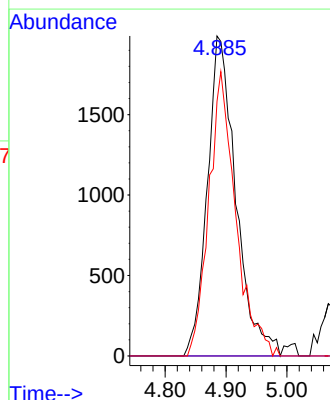
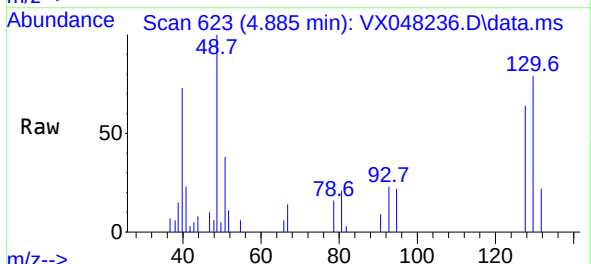
Ion	Ratio	Lower	Upper
96	100		
61	142.5	0.0	294.2
98	60.5	0.0	128.4

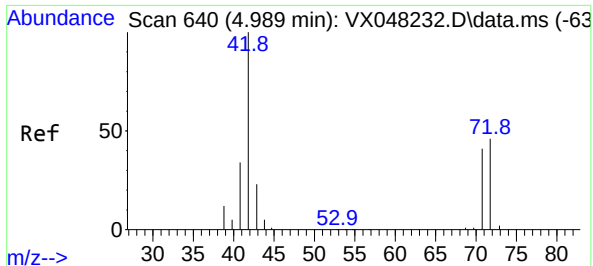


#28
Bromochloromethane
Concen: 5.379 ug/l
RT: 4.885 min Scan# 623
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 49 Resp: 6488

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.4
130	83.5	59.3	88.9

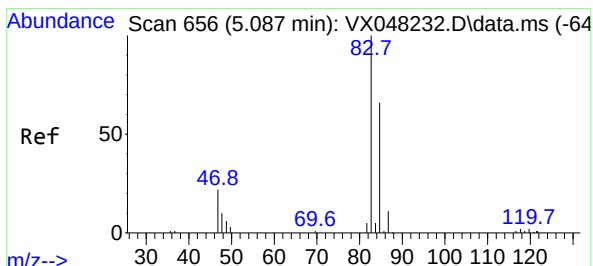
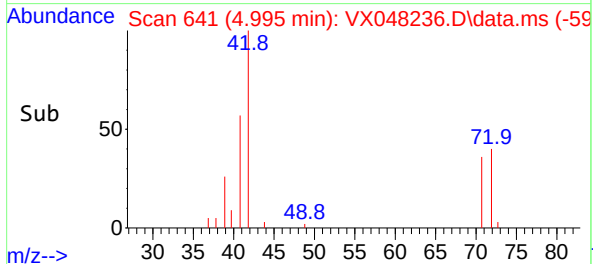
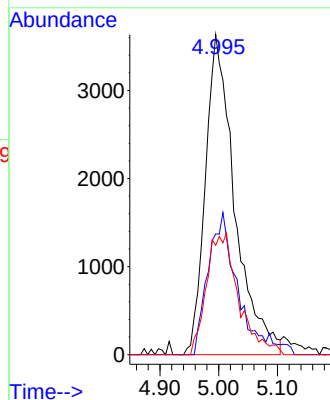
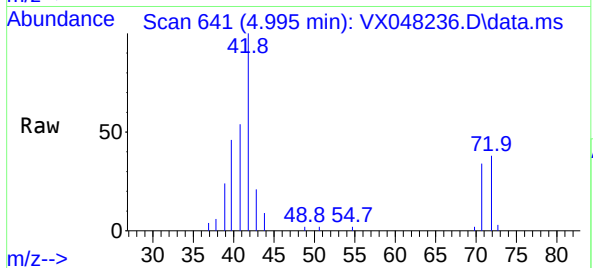




#29
Tetrahydrofuran
Concen: 25.047 ug/l
RT: 4.995 min Scan# 641
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

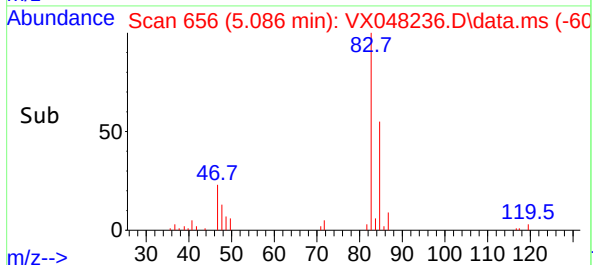
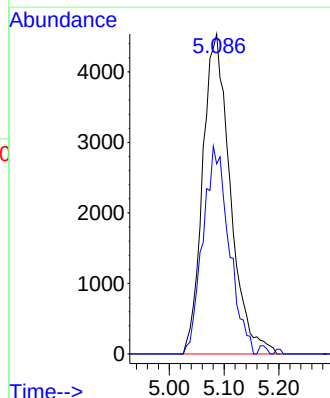
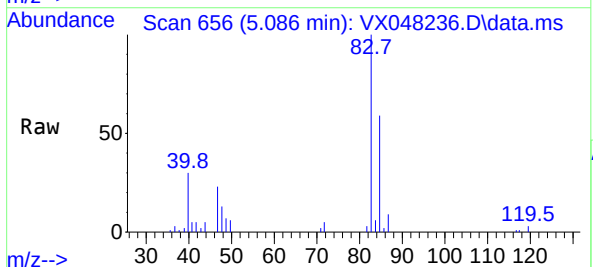
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

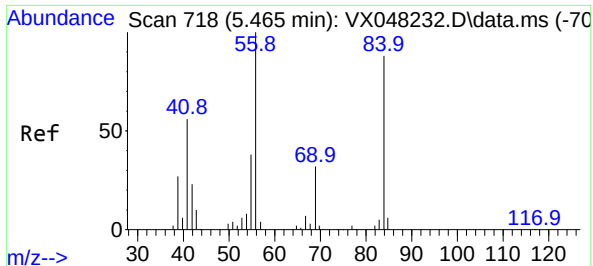
Tgt Ion:	42	Resp:	12637
Ion	Ratio	Lower	Upper
42	100		
72	45.5	35.3	52.9
71	41.3	32.2	48.4



#30
Chloroform
Concen: 5.089 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:	83	Resp:	15814
Ion	Ratio	Lower	Upper
83	100		
85	59.4	50.1	75.1

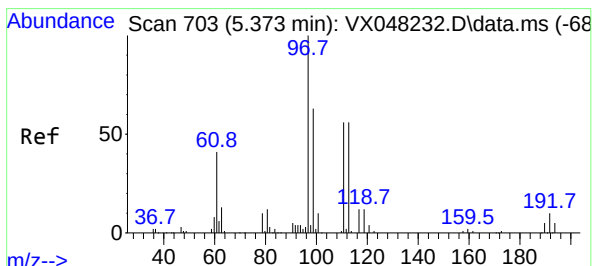
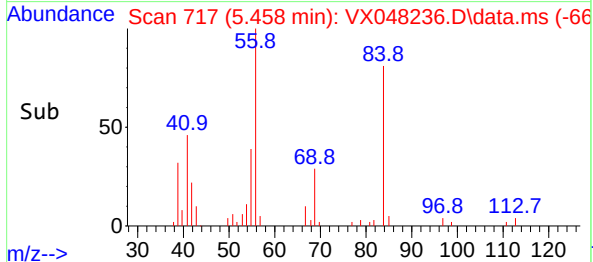
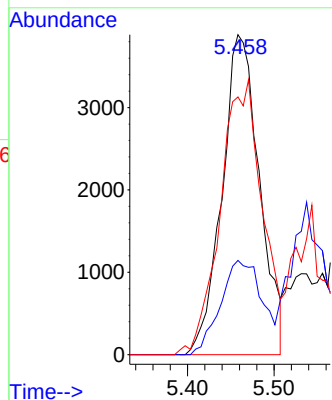
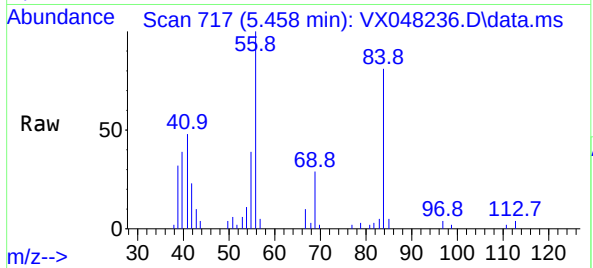




#31
Cyclohexane
Concen: 4.842 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

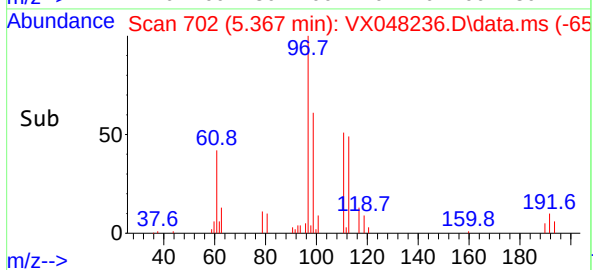
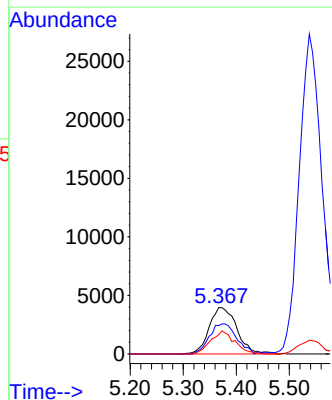
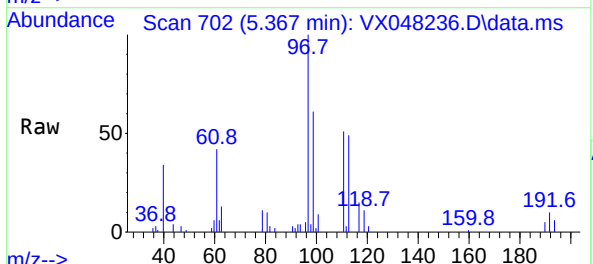
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

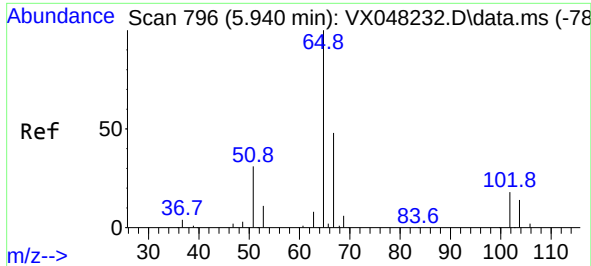
Tgt Ion: 56 Resp: 11661
Ion Ratio Lower Upper
56 100
69 29.4 23.0 34.6
84 79.1 64.6 97.0



#32
1,1,1-Trichloroethane
Concen: 5.027 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 97 Resp: 14399
Ion Ratio Lower Upper
97 100
99 63.0 51.7 77.5
61 42.8 34.8 52.2

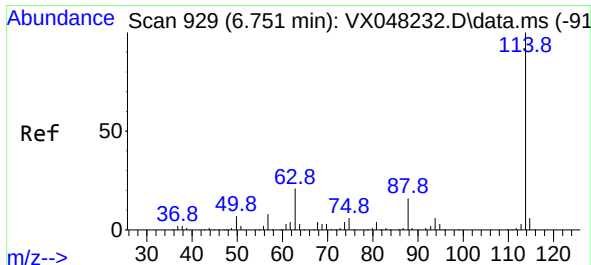
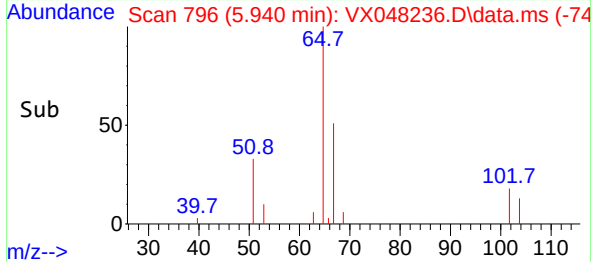
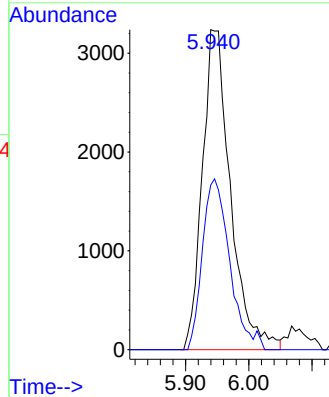
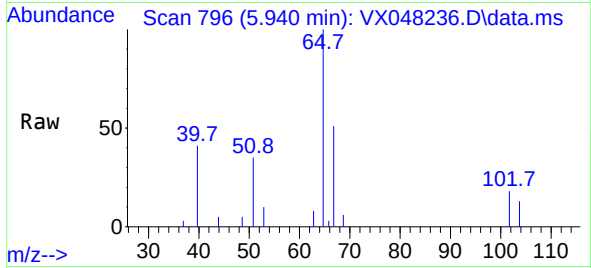




#33
1,2-Dichloroethane-d4
Concen: 5.173 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

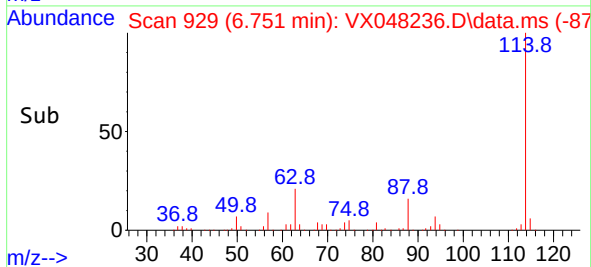
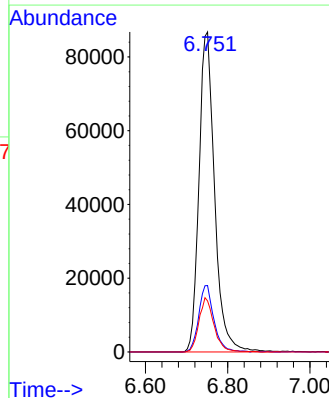
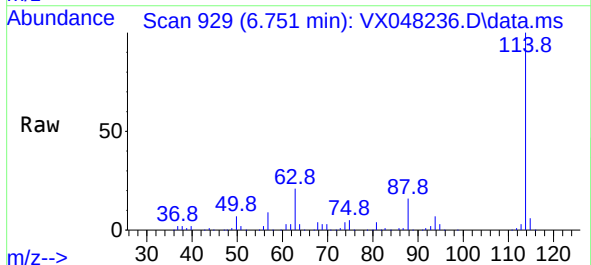
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

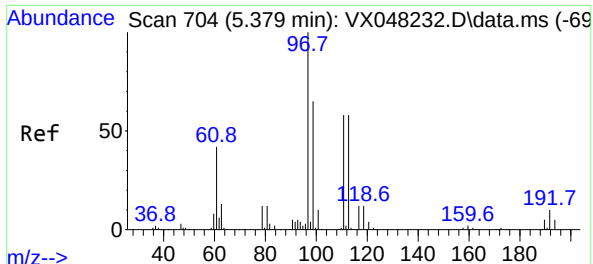
Tgt Ion: 65 Resp: 10036
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 114 Resp: 228619
Ion Ratio Lower Upper
114 100
63 20.8 0.0 43.2
88 15.9 0.0 33.6

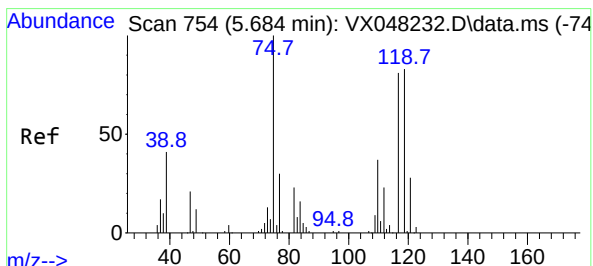
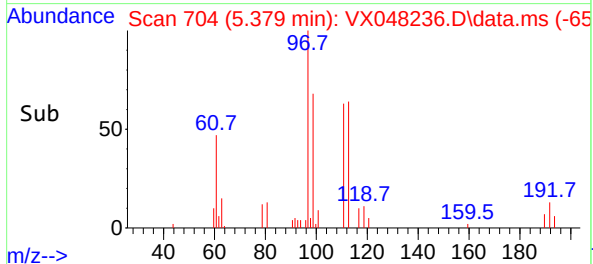
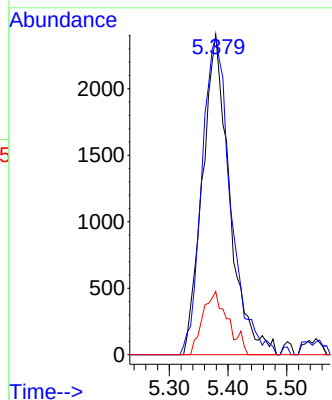
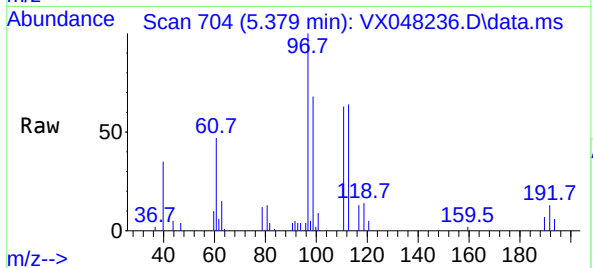




#35
Dibromofluoromethane
Concen: 4.955 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

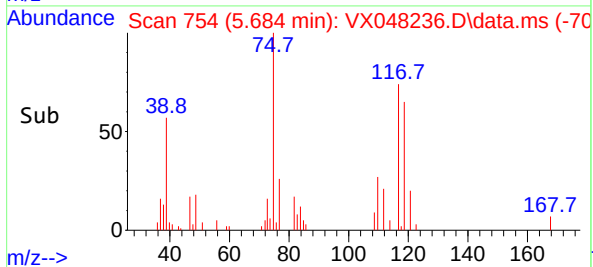
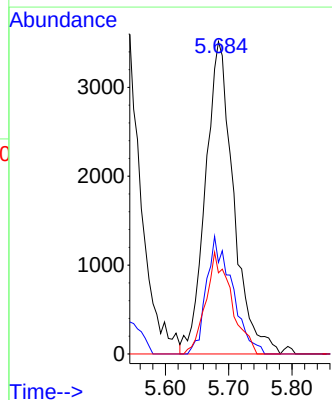
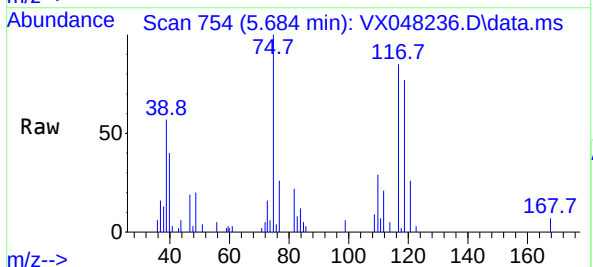
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

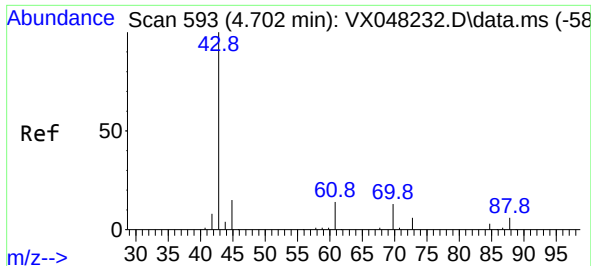
Tgt Ion:113 Resp: 7733
Ion Ratio Lower Upper
113 100
111 104.9 82.2 123.4
192 18.3 15.1 22.7



#36
1,1-Dichloropropene
Concen: 4.893 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 75 Resp: 10855
Ion Ratio Lower Upper
75 100
110 34.8 17.7 53.1
77 29.5 24.3 36.5

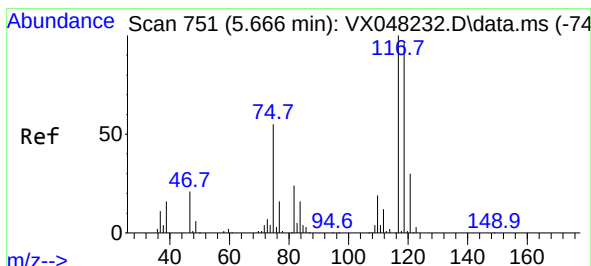
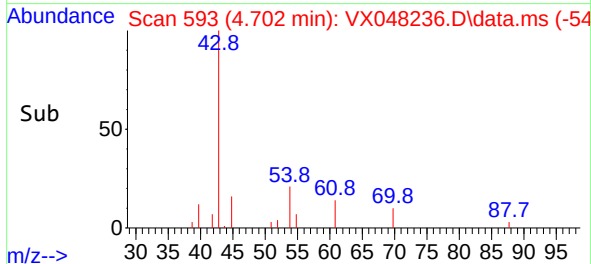
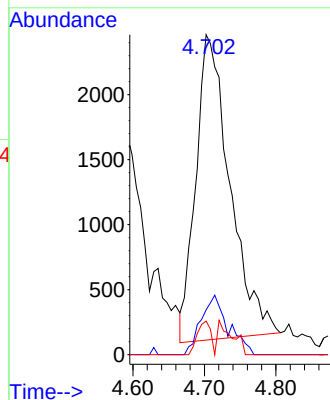
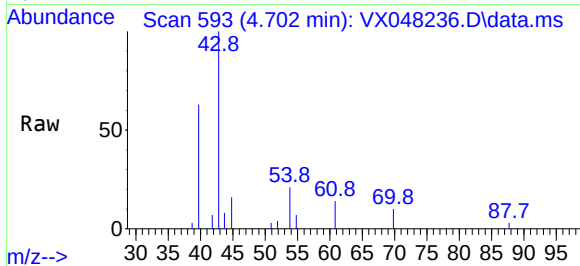




#37
Ethyl Acetate
Concen: 4.220 ug/l
RT: 4.702 min Scan# 593
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

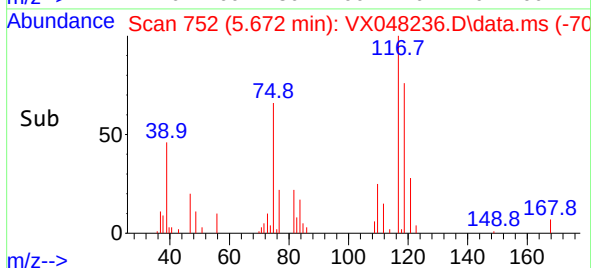
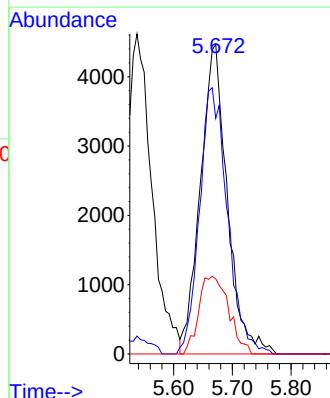
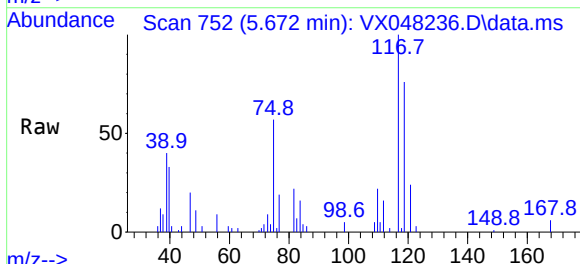
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

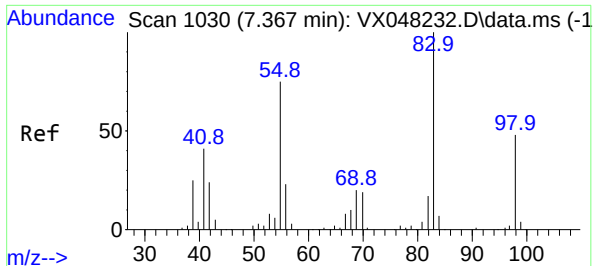
Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.6	15.8#
70	4.3	7.8	11.6#



#38
Carbon Tetrachloride
Concen: 5.198 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	76.0	77.2	115.8#
121	24.3	24.8	37.2#





#39

Methylcyclohexane

Concen: 5.149 ug/l

RT: 7.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

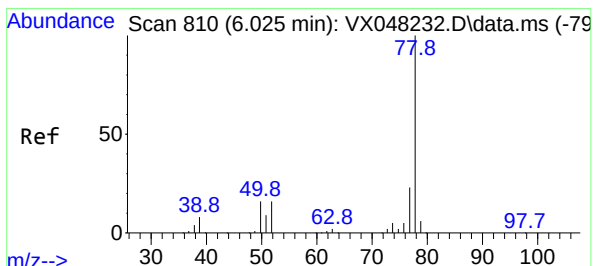
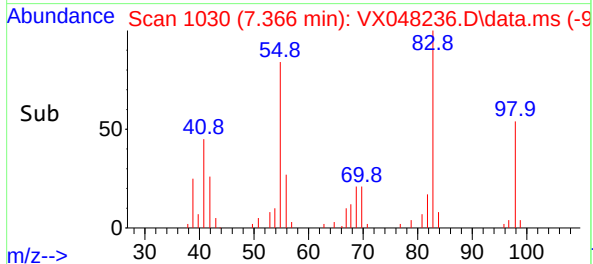
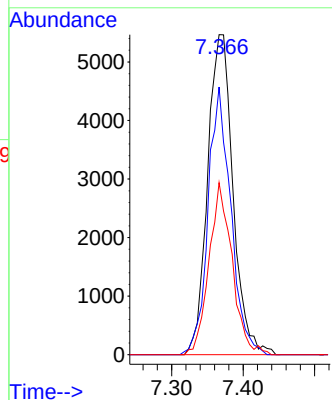
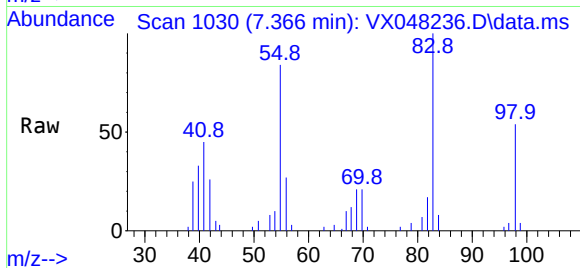
Tgt Ion: 83 Resp: 13491

Ion Ratio Lower Upper

83 100

55 83.6 66.2 99.2

98 53.8 38.9 58.3



#40

Benzene

Concen: 4.986 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX048236.D

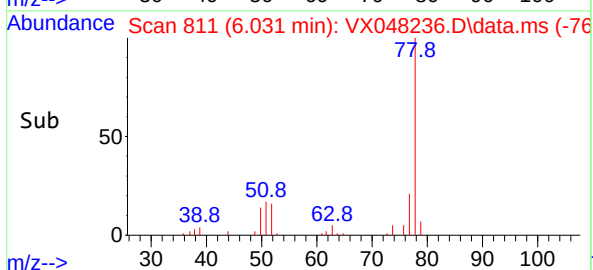
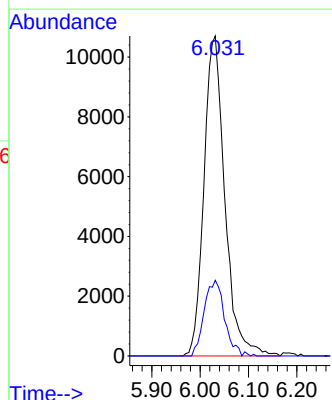
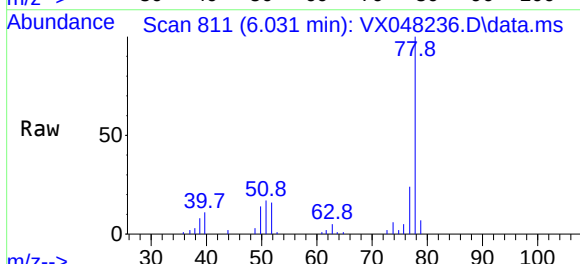
Acq: 20 Oct 2025 13:49

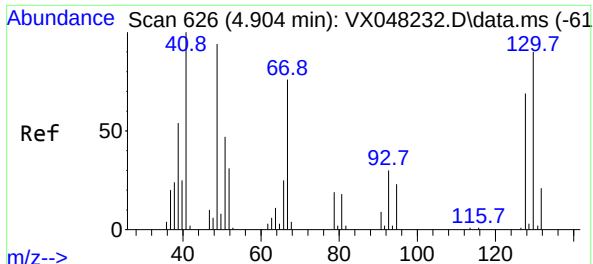
Tgt Ion: 78 Resp: 32115

Ion Ratio Lower Upper

78 100

77 23.7 19.3 28.9

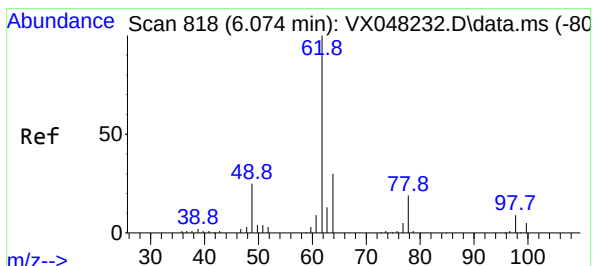
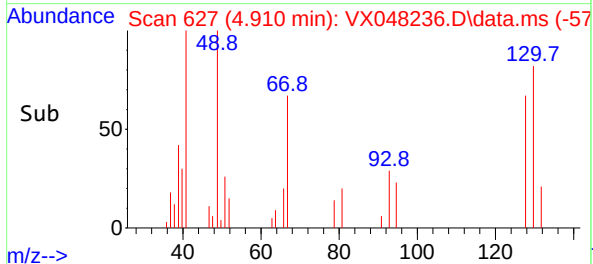
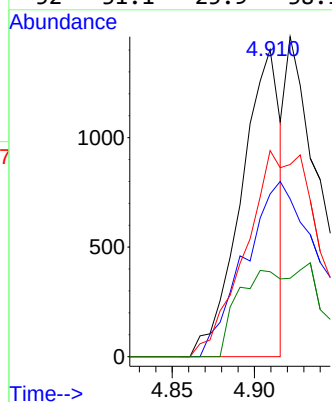
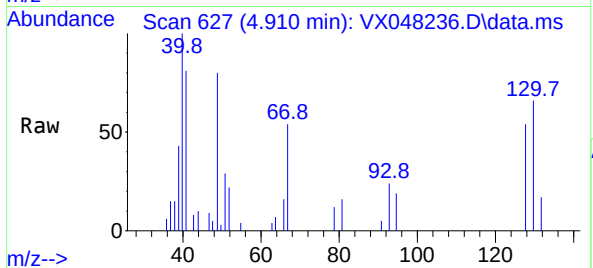




#41
Methacrylonitrile
Concen: 2.423 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

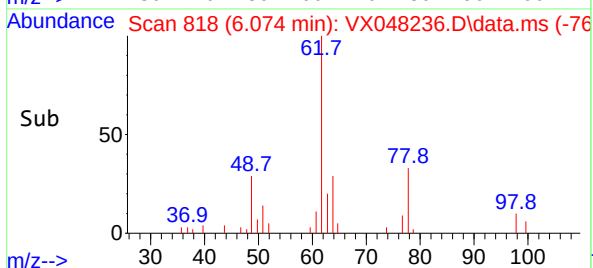
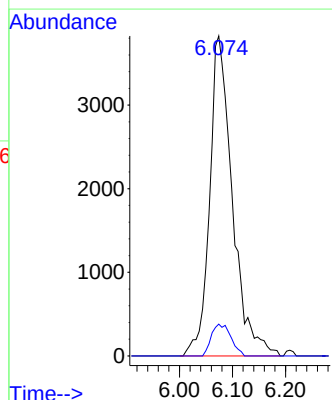
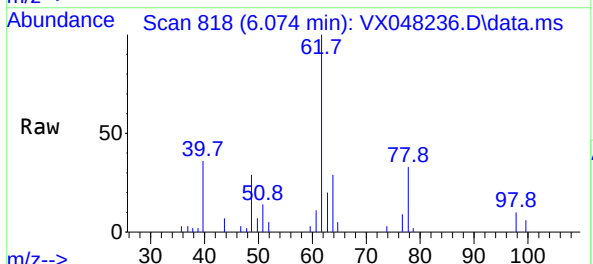
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

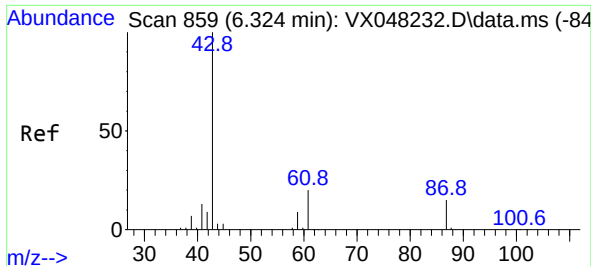
Tgt Ion: 41 Resp: 2340
Ion Ratio Lower Upper
41 100
39 107.2 44.0 66.0#
67 141.2 58.7 88.1#
52 31.1 25.9 38.9



#42
1,2-Dichloroethane
Concen: 4.802 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 62 Resp: 11412
Ion Ratio Lower Upper
62 100
98 8.6 0.0 17.2

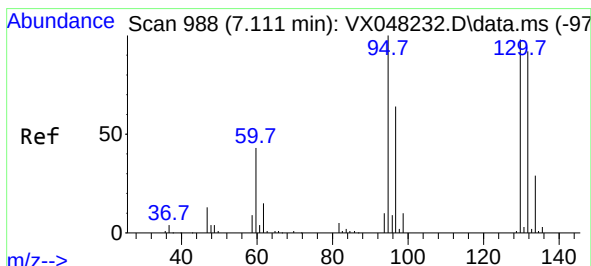
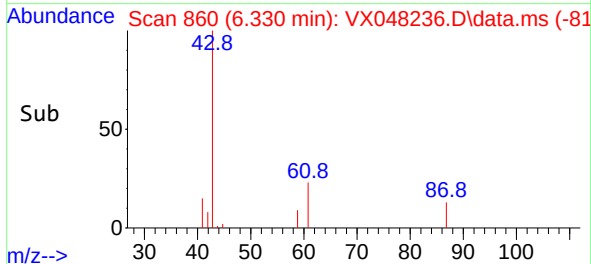
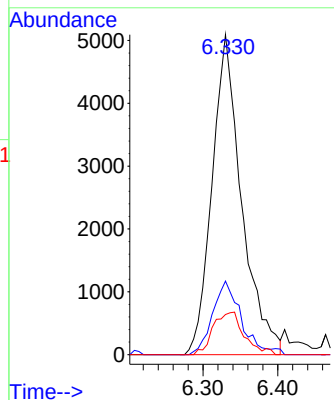
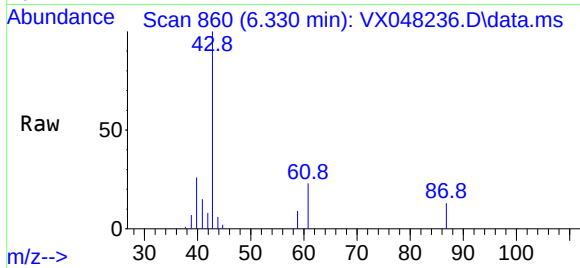




#43
Isopropyl Acetate
Concen: 4.634 ug/l
RT: 6.330 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

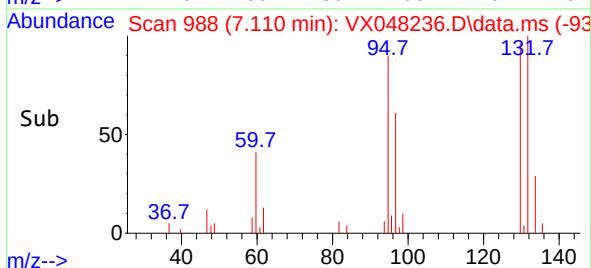
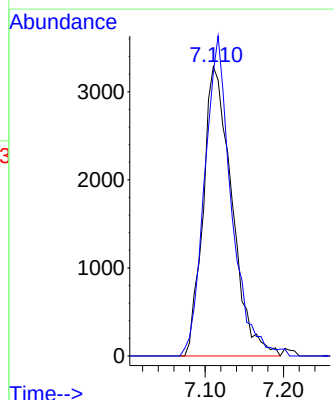
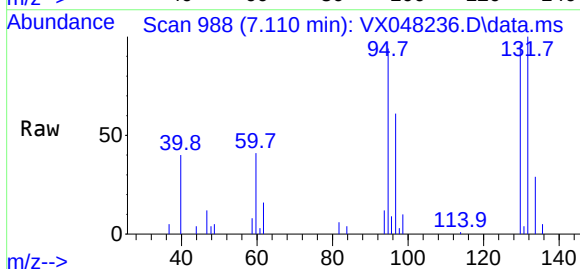
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

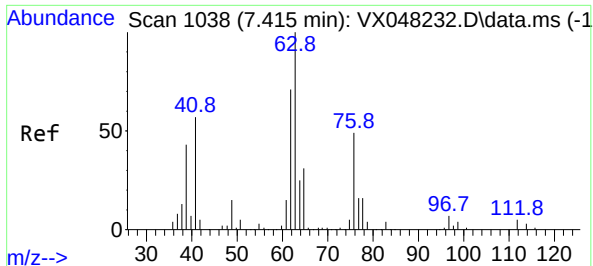
Tgt Ion: 43 Resp: 13996
Ion Ratio Lower Upper
43 100
61 22.5 14.9 22.3#
87 14.0 9.4 14.2



#44
Trichloroethene
Concen: 4.923 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:130 Resp: 8373
Ion Ratio Lower Upper
130 100
95 107.6 0.0 200.6





#45

1,2-Dichloropropane

Concen: 5.034 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

Instrument :

MSVOA_X

ClientSampleId :

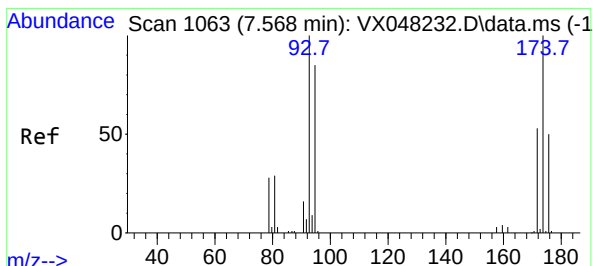
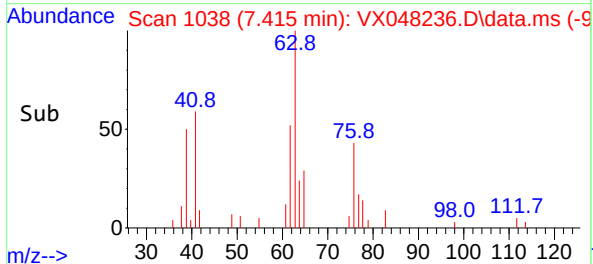
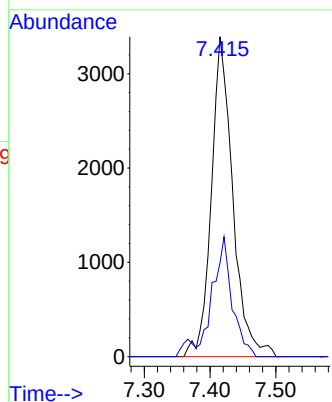
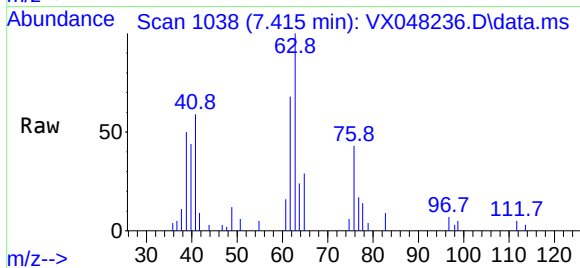
VSTDICC005

Tgt Ion: 63 Resp: 7709

Ion Ratio Lower Upper

63 100

65 29.4 24.1 36.1



#46

Dibromomethane

Concen: 5.064 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

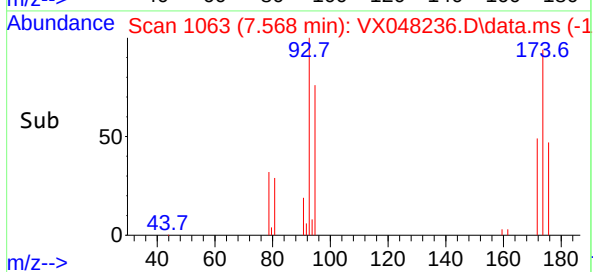
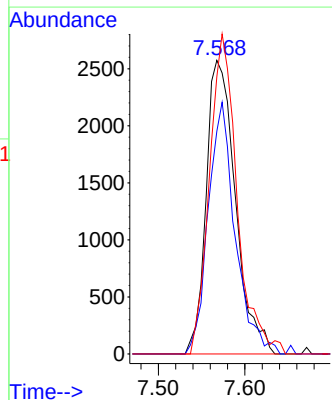
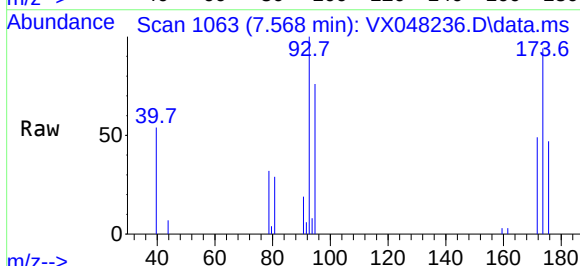
Tgt Ion: 93 Resp: 6041

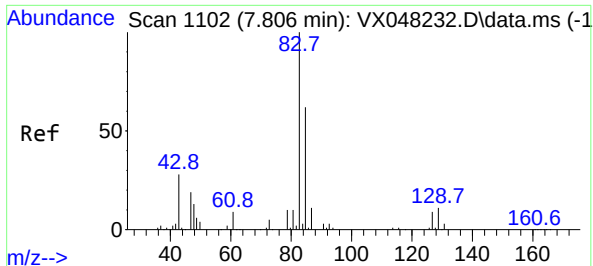
Ion Ratio Lower Upper

93 100

95 79.0 65.9 98.9

174 103.1 71.7 107.5

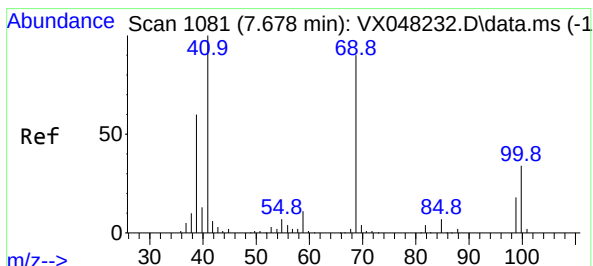
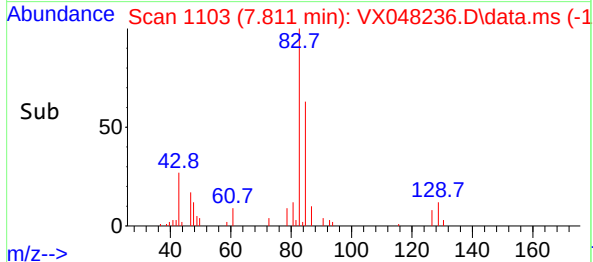
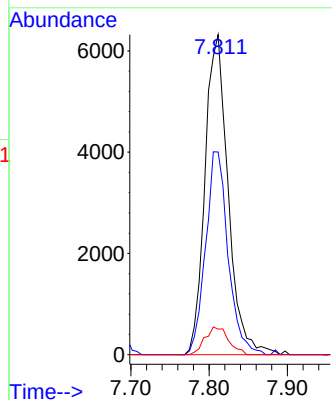
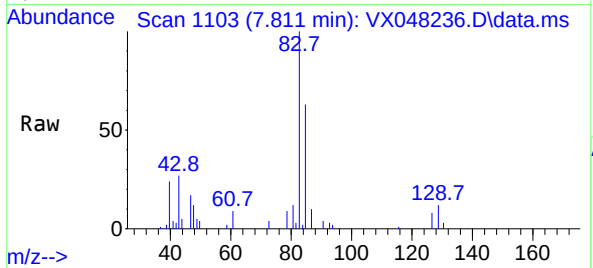




#47
Bromodichloromethane
Concen: 5.037 ug/l
RT: 7.811 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

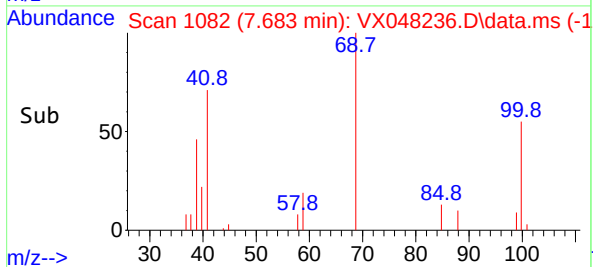
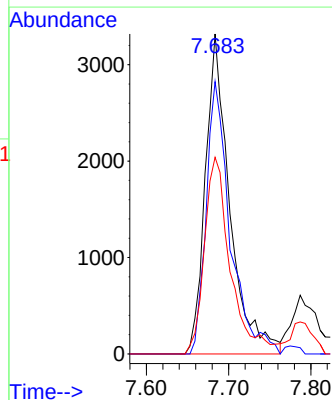
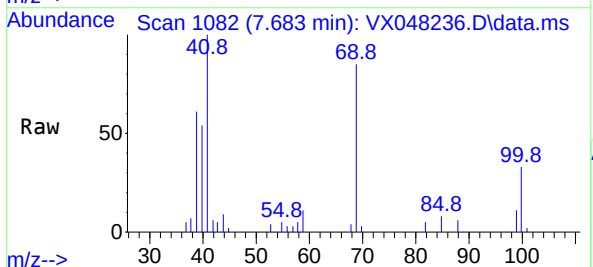
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

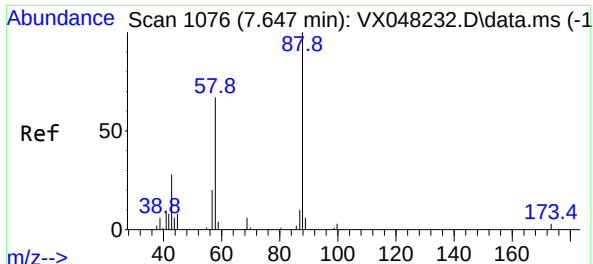
Tgt Ion: 83 Resp: 12974
Ion Ratio Lower Upper
83 100
85 63.4 52.2 78.4
127 8.0 7.3 10.9



#48
Methyl methacrylate
Concen: 4.503 ug/l
RT: 7.683 min Scan# 1082
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 41 Resp: 6863
Ion Ratio Lower Upper
41 100
69 83.7 63.4 95.0
39 64.8 47.1 70.7





#49

1,4-Dioxane

Concen: 100.322 ug/l

RT: 7.659 min Scan# 1076

Delta R.T. 0.018 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

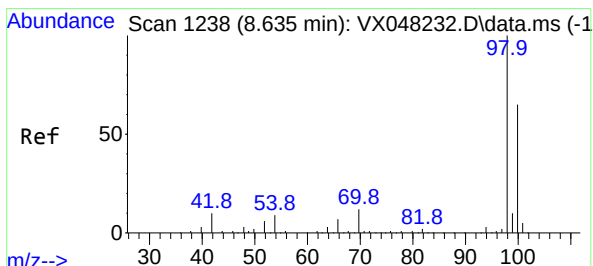
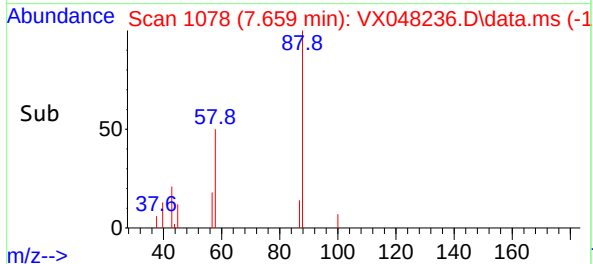
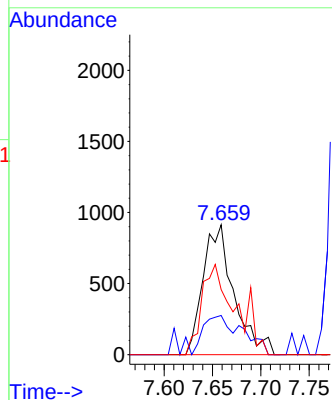
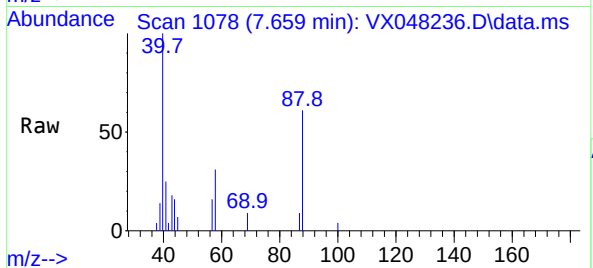
Tgt Ion: 88 Resp: 2020

Ion Ratio Lower Upper

88 100

43 38.4 35.0 52.4

58 76.8 61.9 92.9



#50

Toluene-d8

Concen: 5.102 ug/l

RT: 8.634 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX048236.D

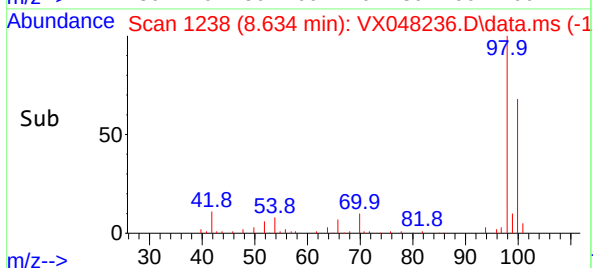
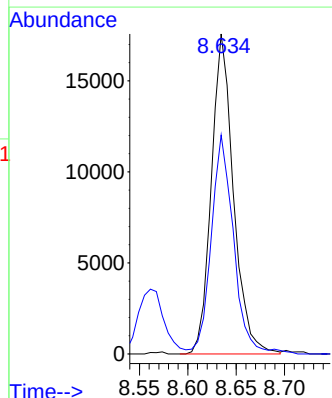
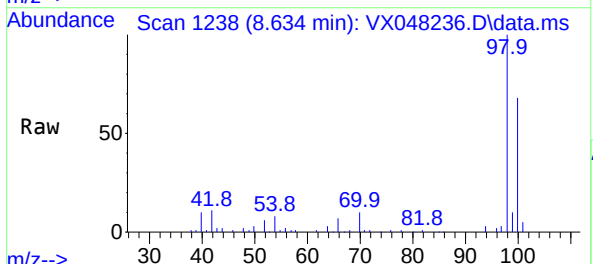
Acq: 20 Oct 2025 13:49

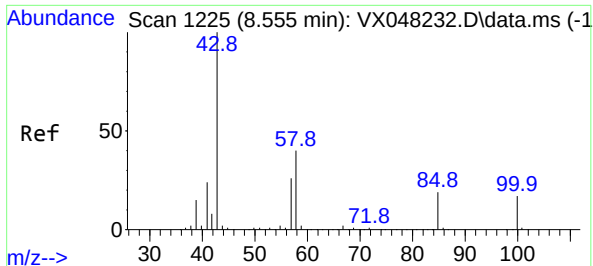
Tgt Ion: 98 Resp: 27914

Ion Ratio Lower Upper

98 100

100 69.2 53.0 79.4

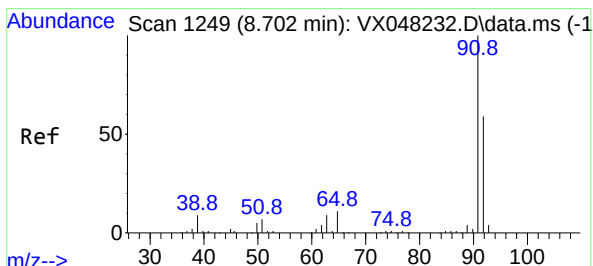
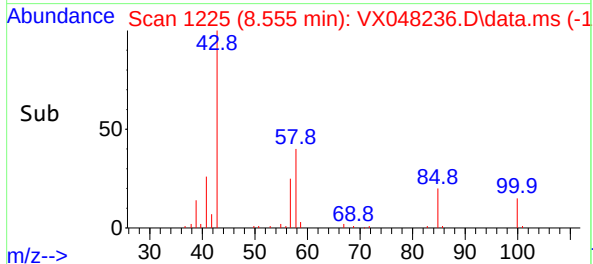
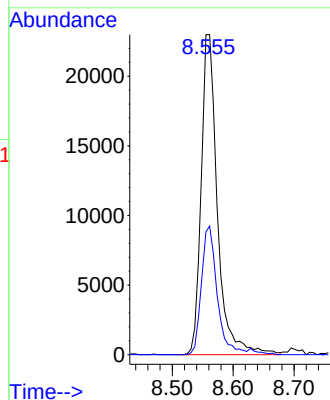
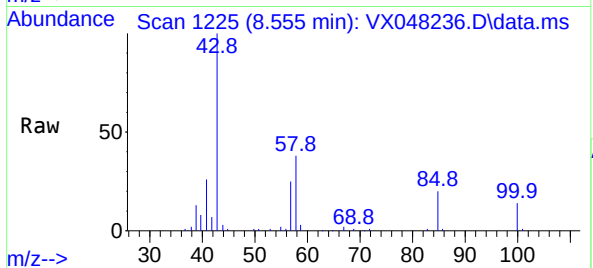




#51
4-Methyl-2-Pentanone
Concen: 24.534 ug/l
RT: 8.555 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

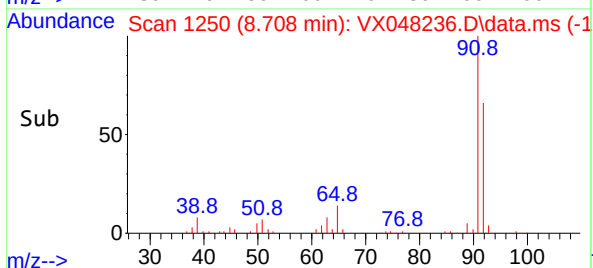
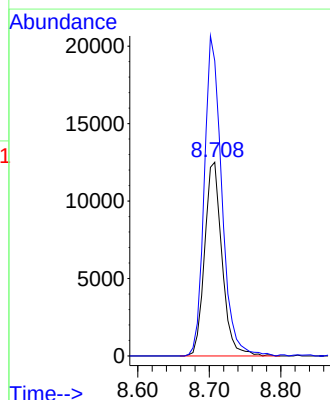
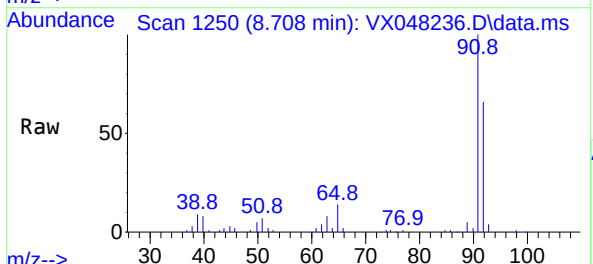
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

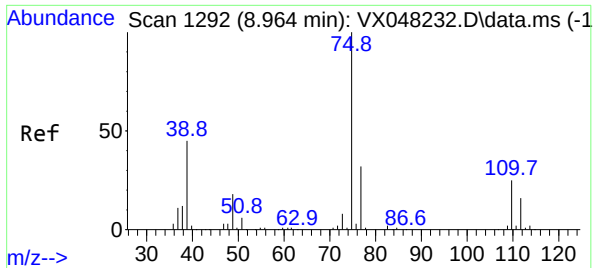
Tgt Ion: 43 Resp: 42725
Ion Ratio Lower Upper
43 100
58 38.7 29.5 44.3



#52
Toluene
Concen: 5.166 ug/l
RT: 8.708 min Scan# 1250
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 92 Resp: 21137
Ion Ratio Lower Upper
92 100
91 166.2 136.1 204.1

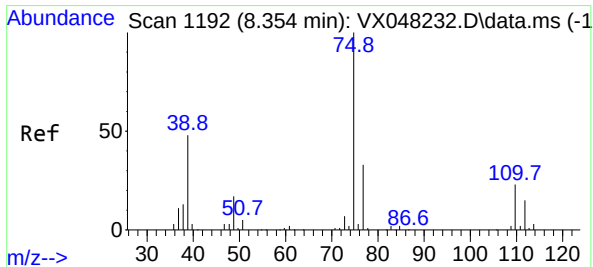
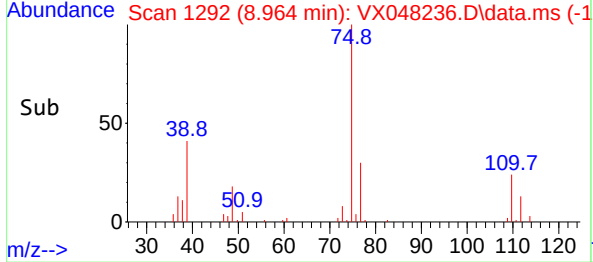
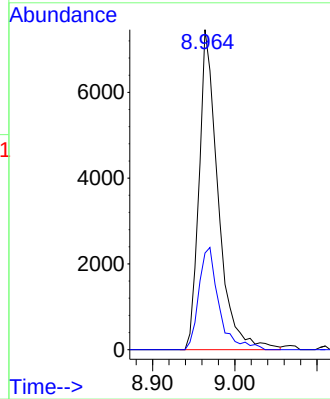
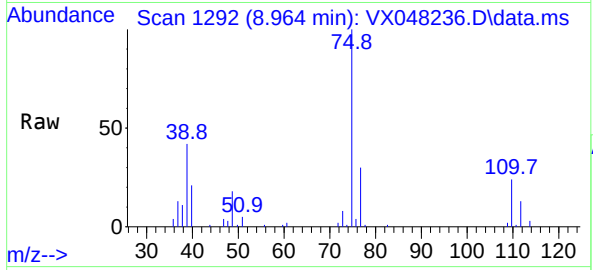




#53
t-1,3-Dichloropropene
Concen: 4.840 ug/l
RT: 8.964 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

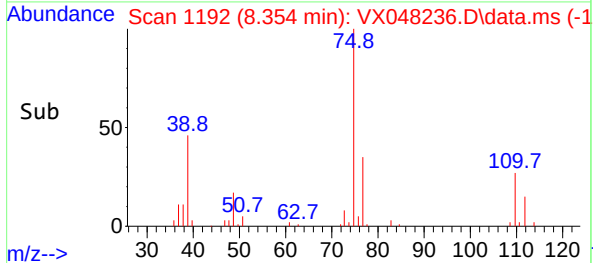
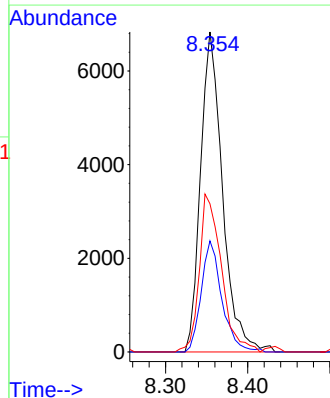
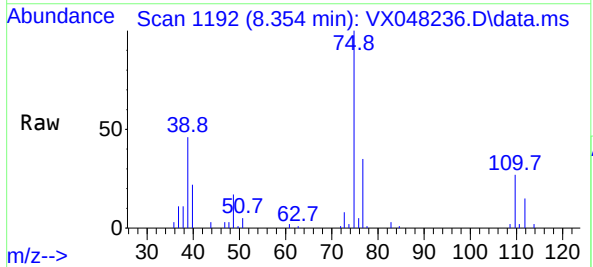
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

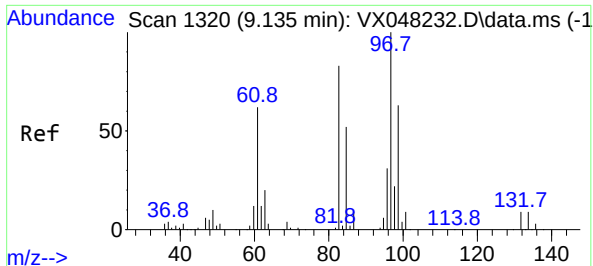
Tgt Ion: 75 Resp: 12015
Ion Ratio Lower Upper
75 100
77 30.2 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 4.743 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 75 Resp: 12702
Ion Ratio Lower Upper
75 100
77 35.7 24.9 37.3
39 45.3 42.6 64.0



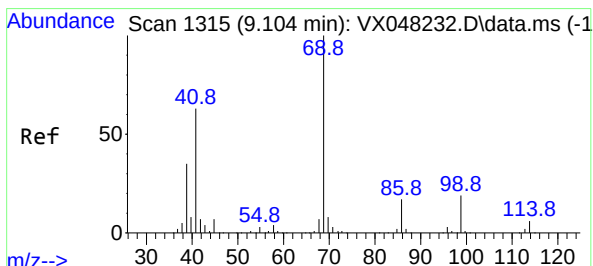
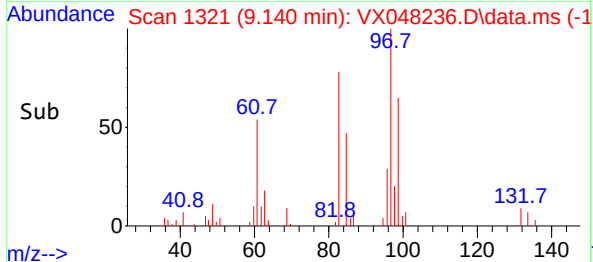
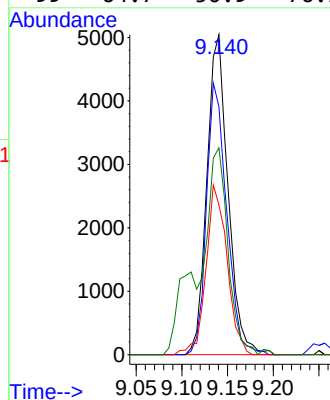
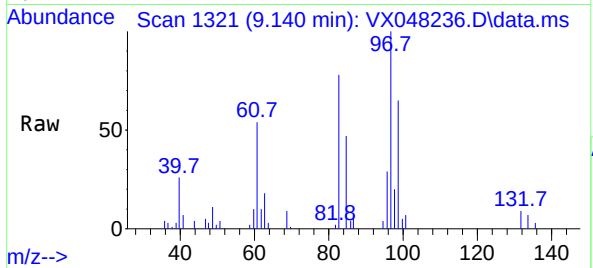


#55
1,1,2-Trichloroethane
Concen: 5.332 ug/l
RT: 9.140 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 97 Resp: 8113

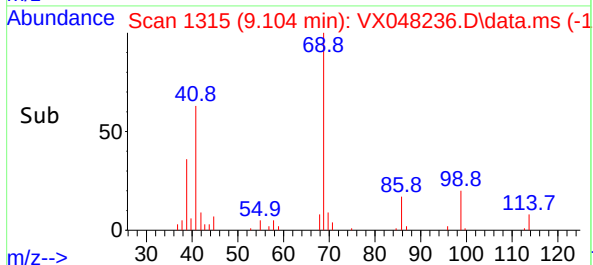
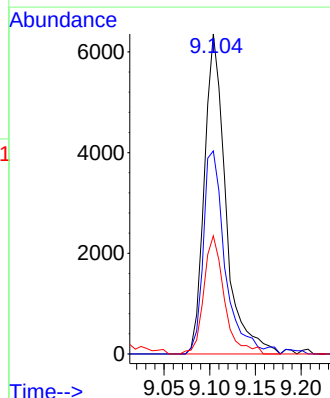
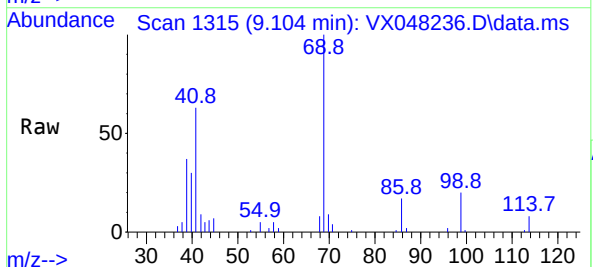
Ion	Ratio	Lower	Upper
97	100		
83	77.5	70.6	105.8
85	46.8	45.0	67.6
99	64.7	50.9	76.3

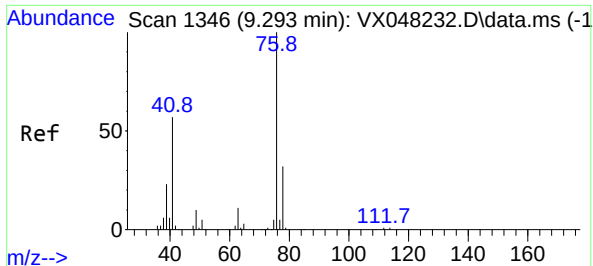


#56
Ethyl methacrylate
Concen: 4.637 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 69 Resp: 10320

Ion	Ratio	Lower	Upper
69	100		
41	65.3	56.0	84.0
39	35.3	31.6	47.4

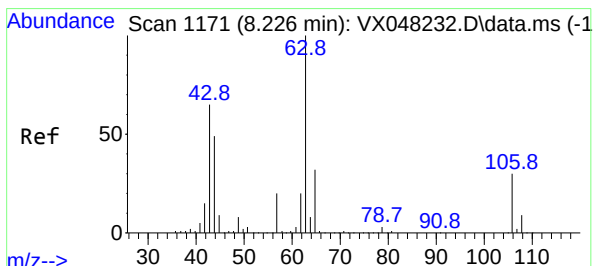
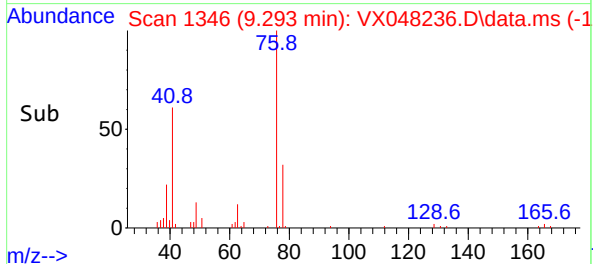
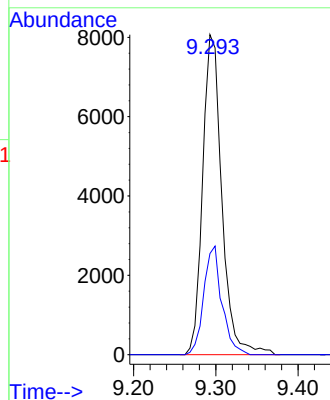
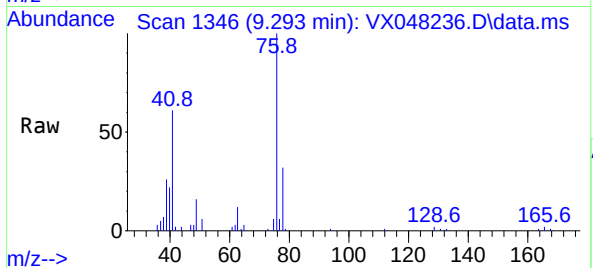




#57
1,3-Dichloropropane
Concen: 5.035 ug/l
RT: 9.293 min Scan# 111
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

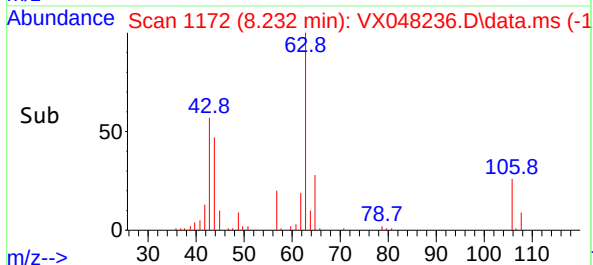
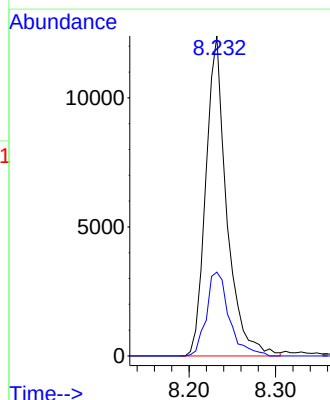
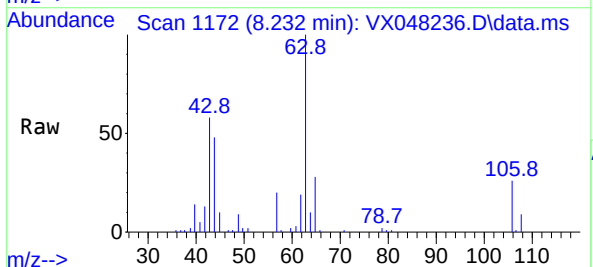
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

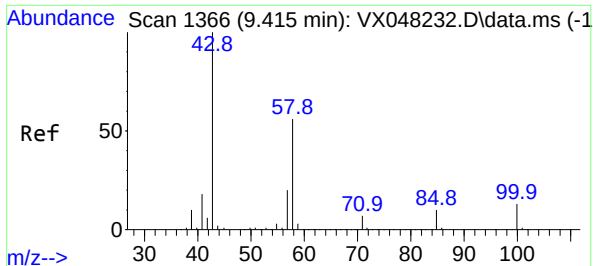
Tgt Ion: 76 Resp: 13087
Ion Ratio Lower Upper
76 100
78 32.0 25.4 38.0



#58
2-Chloroethyl Vinyl ether
Concen: 18.931 ug/l
RT: 8.232 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 63 Resp: 20764
Ion Ratio Lower Upper
63 100
106 28.6 22.2 33.2





#59

2-Hexanone

Concen: 25.488 ug/l

RT: 9.415 min Scan# 1366

Delta R.T. -0.000 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

Instrument :

MSVOA_X

ClientSampleId :

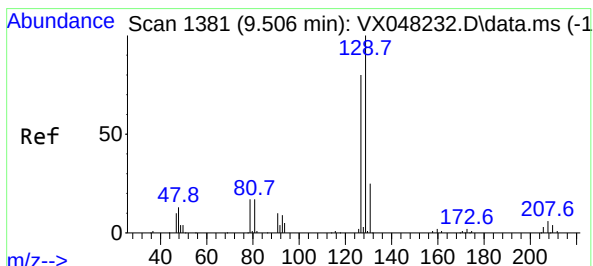
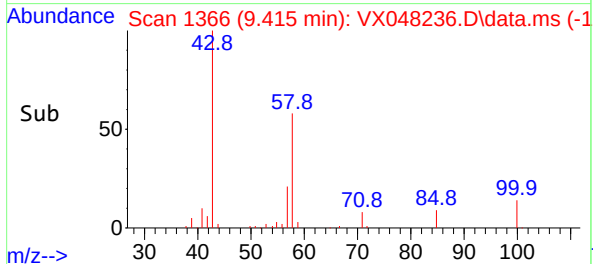
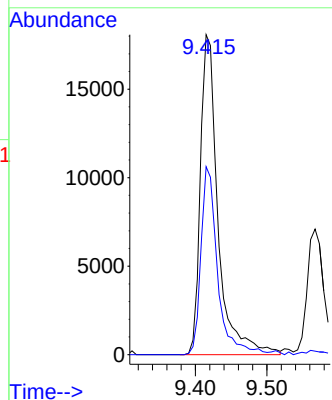
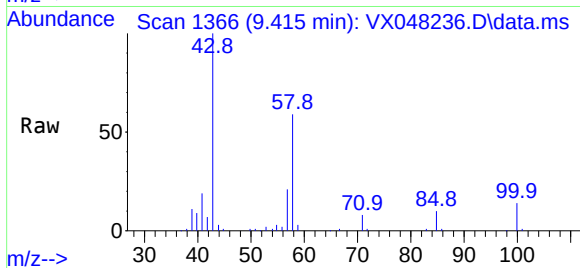
VSTDICC005

Tgt Ion: 43 Resp: 30949

Ion Ratio Lower Upper

43 100

58 55.4 26.3 78.8



#60

Dibromochloromethane

Concen: 4.930 ug/l

RT: 9.506 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VX048236.D

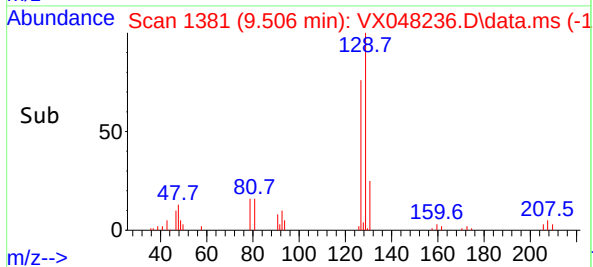
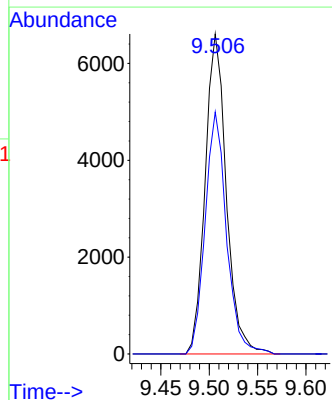
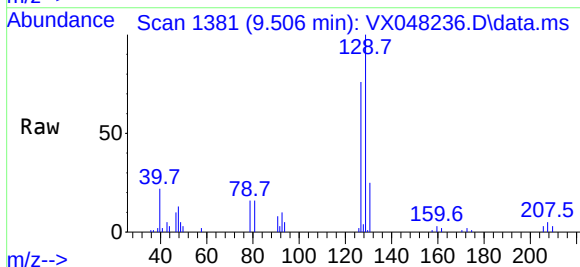
Acq: 20 Oct 2025 13:49

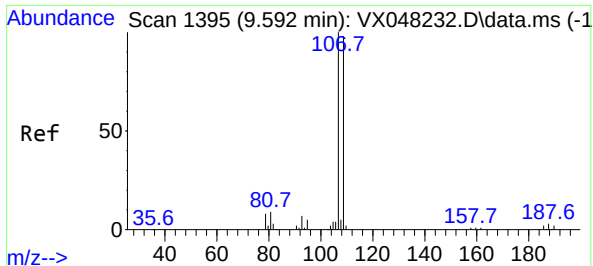
Tgt Ion:129 Resp: 10082

Ion Ratio Lower Upper

129 100

127 76.3 38.6 115.7

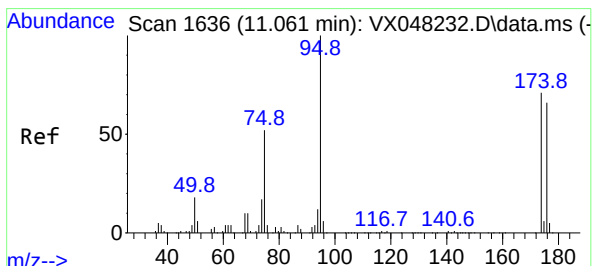
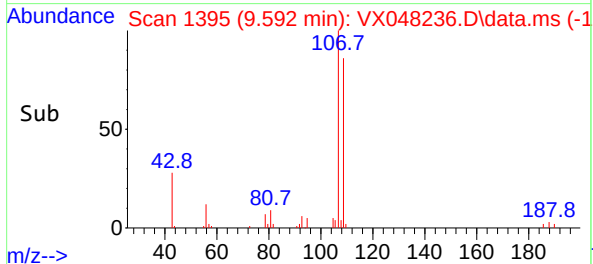
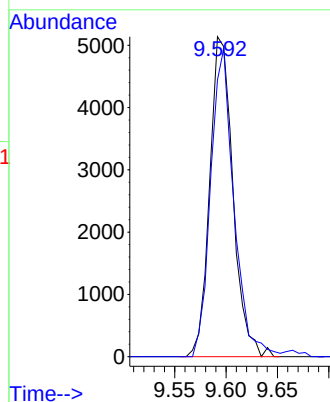
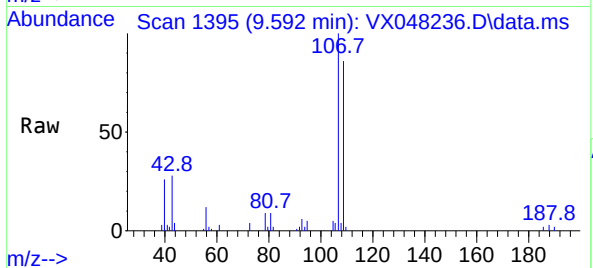




#61
1,2-Dibromoethane
Concen: 4.980 ug/l
RT: 9.592 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

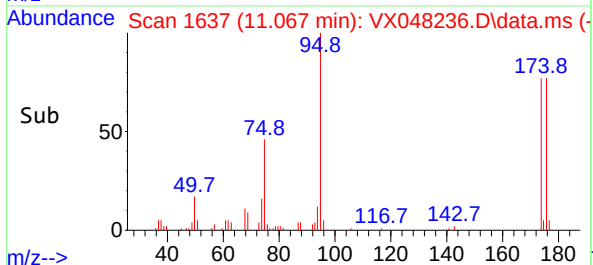
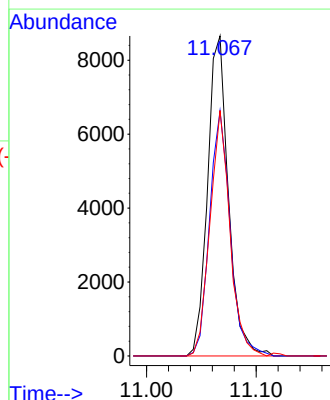
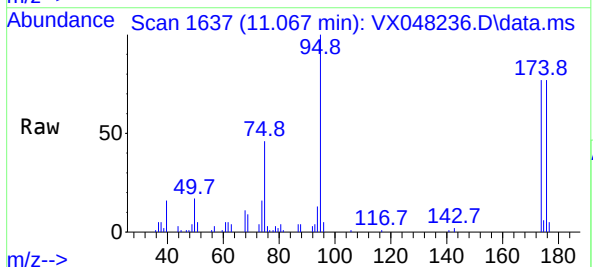
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

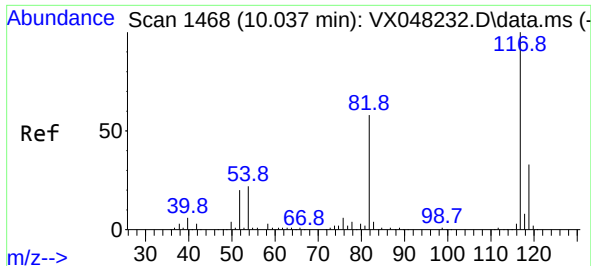
Tgt Ion:107 Resp: 8079
Ion Ratio Lower Upper
107 100
109 96.3 77.0 115.4



#62
4-Bromofluorobenzene
Concen: 5.492 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

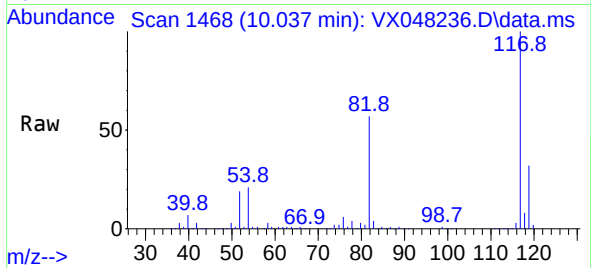
Tgt Ion: 95 Resp: 11429
Ion Ratio Lower Upper
95 100
174 75.7 0.0 147.8
176 73.4 0.0 142.8



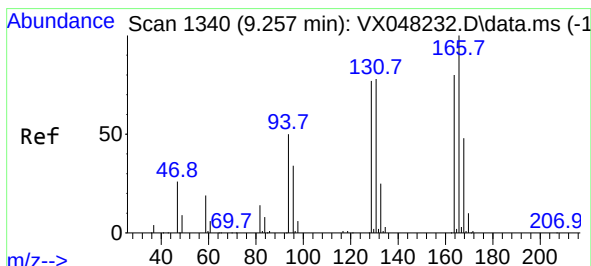
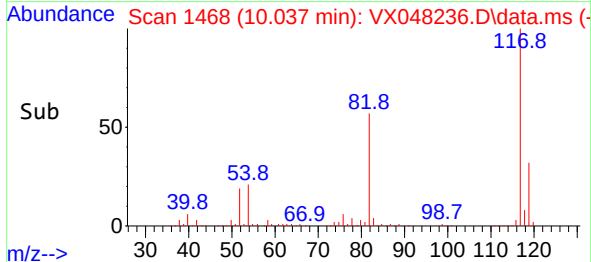
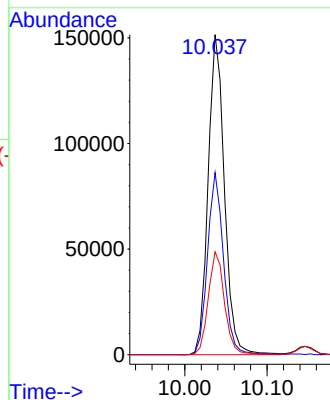


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

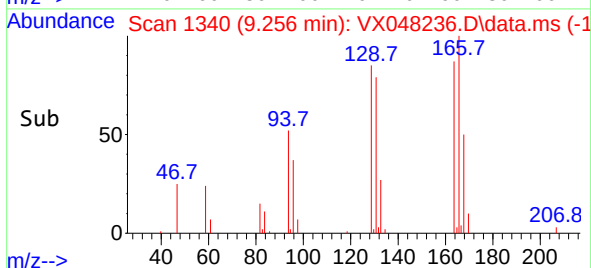
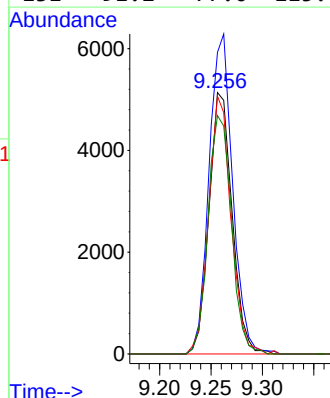
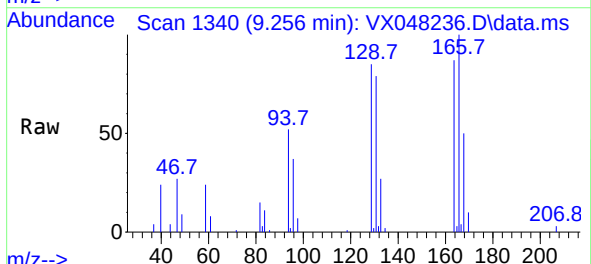


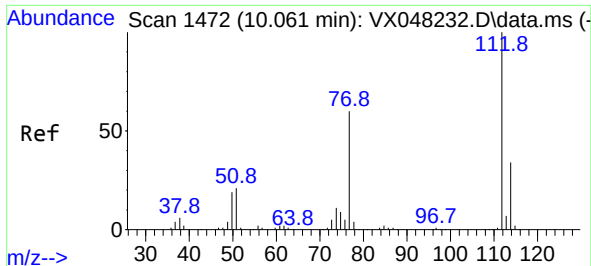
Tgt Ion:117 Resp: 208481
Ion Ratio Lower Upper
117 100
82 56.9 46.5 69.7
119 32.2 25.9 38.9



#64
Tetrachloroethene
Concen: 5.153 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:164 Resp: 8020
Ion Ratio Lower Upper
164 100
166 115.3 104.5 156.7
129 98.6 81.8 122.6
131 91.2 77.0 115.6

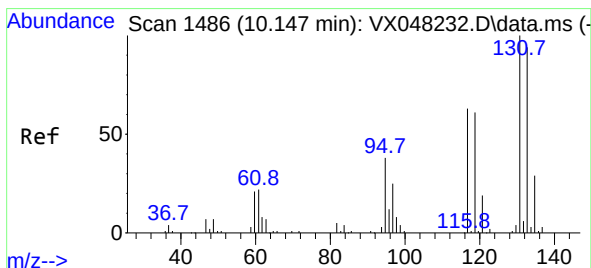
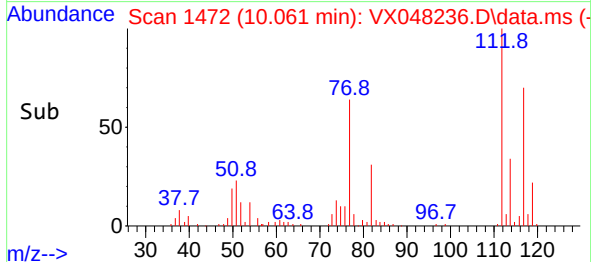
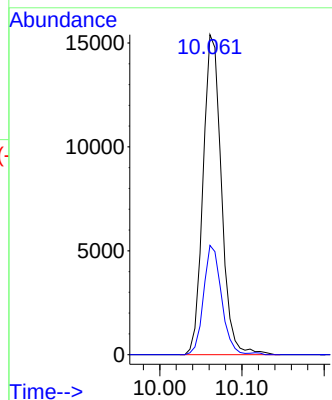
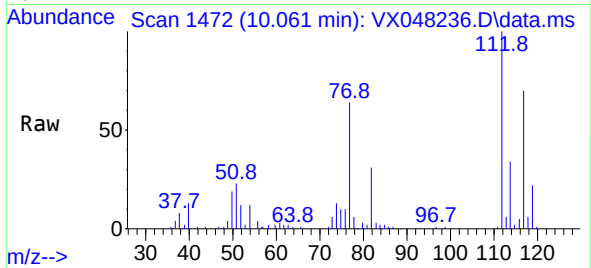




#65
Chlorobenzene
Concen: 5.090 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

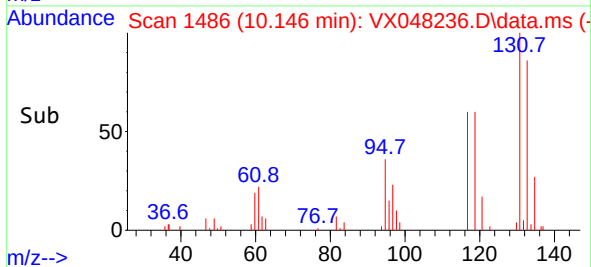
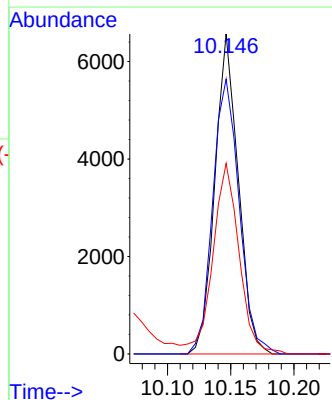
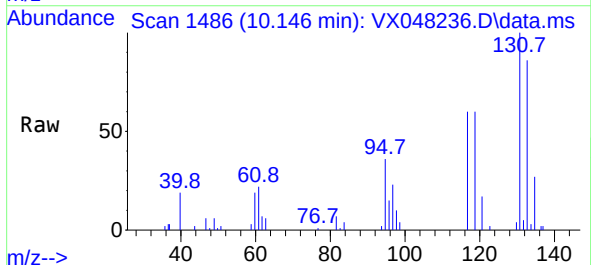
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

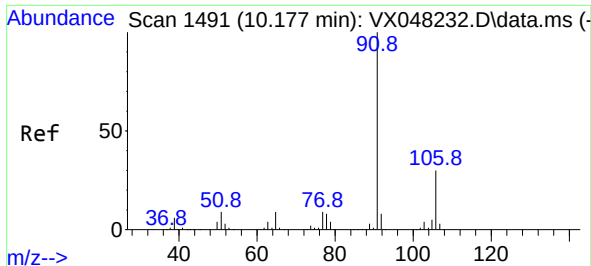
Tgt Ion:112 Resp: 23873
Ion Ratio Lower Upper
112 100
114 34.2 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 4.905 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:131 Resp: 8450
Ion Ratio Lower Upper
131 100
133 97.1 47.6 142.8
119 66.7 32.5 97.5

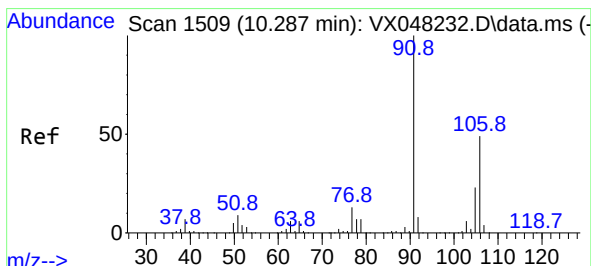
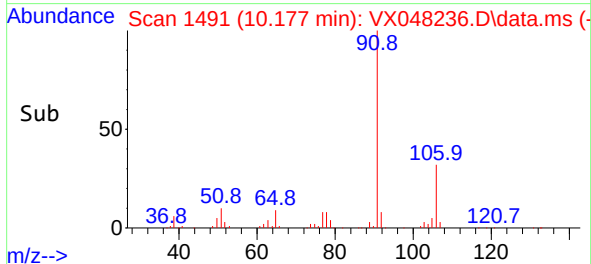
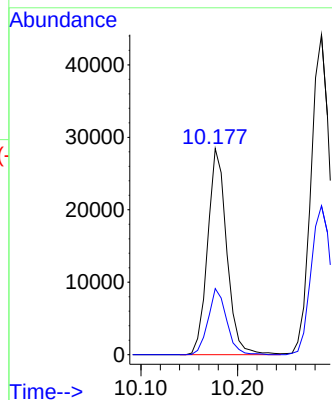
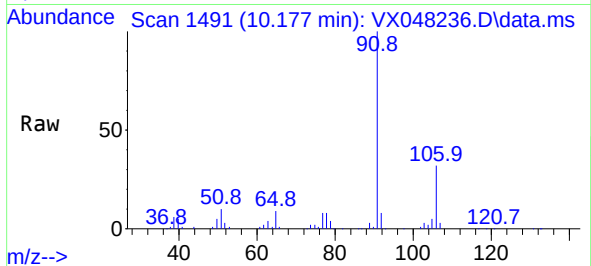




#67
Ethyl Benzene
Concen: 4.899 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

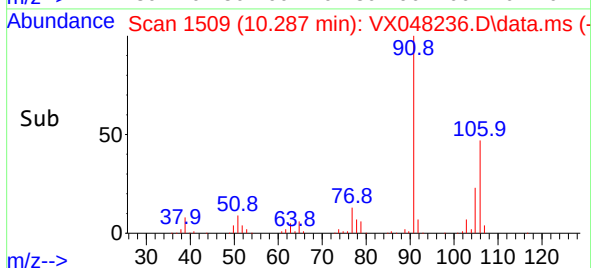
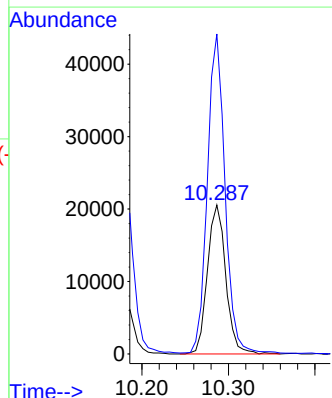
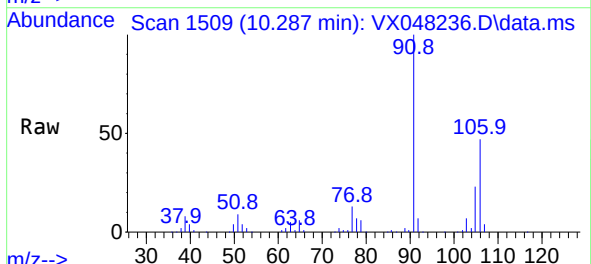
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

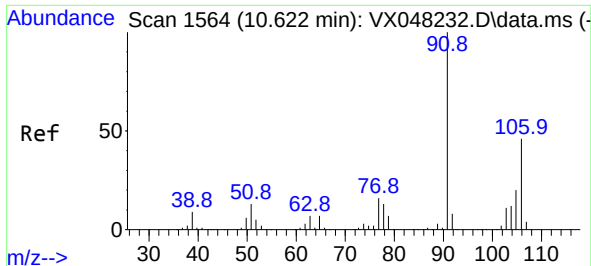
Tgt Ion: 91 Resp: 39121
Ion Ratio Lower Upper
91 100
106 32.1 23.8 35.6



#68
m/p-Xylenes
Concen: 10.217 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 106 Resp: 30310
Ion Ratio Lower Upper
106 100
91 205.7 167.9 251.9

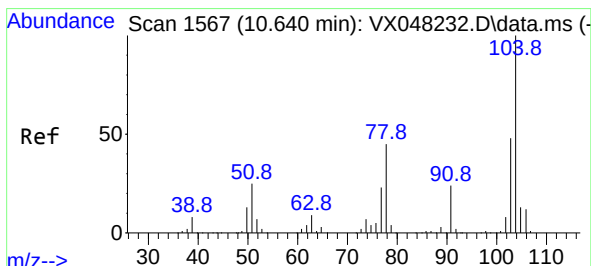
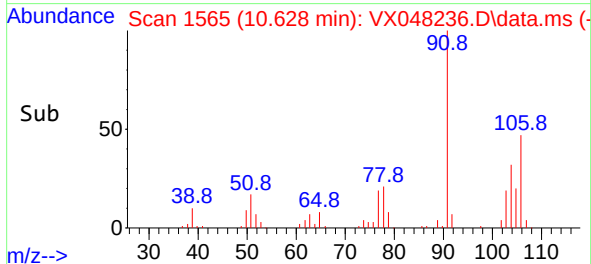
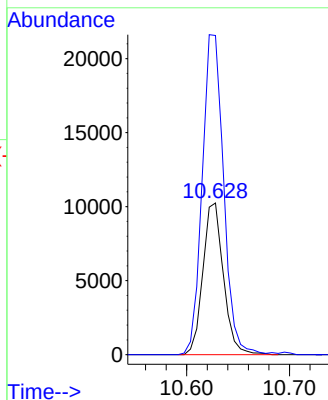
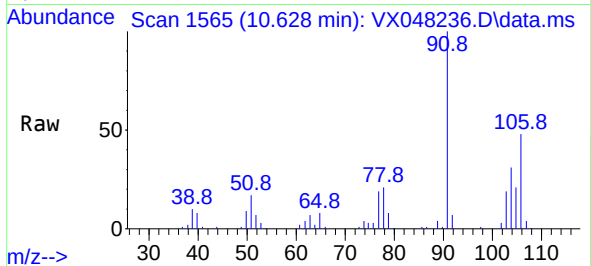




#69
o-Xylene
Concen: 4.979 ug/l
RT: 10.628 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

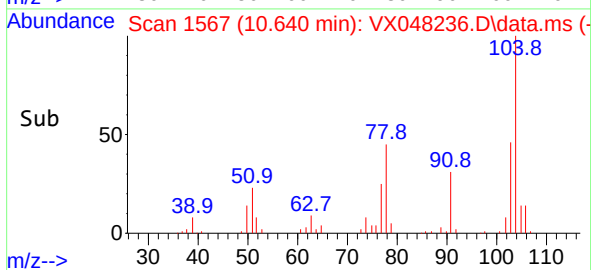
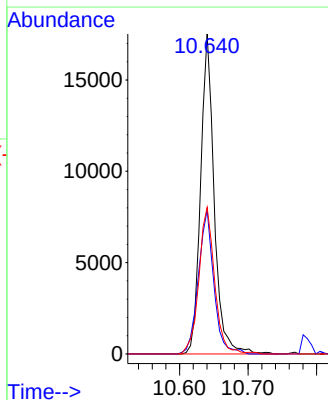
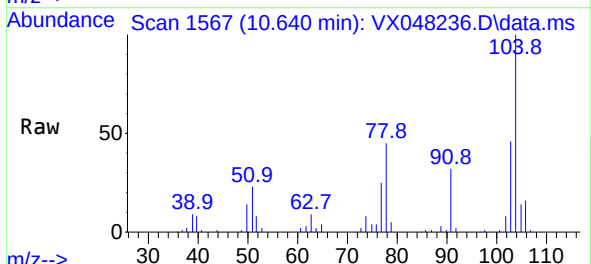
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

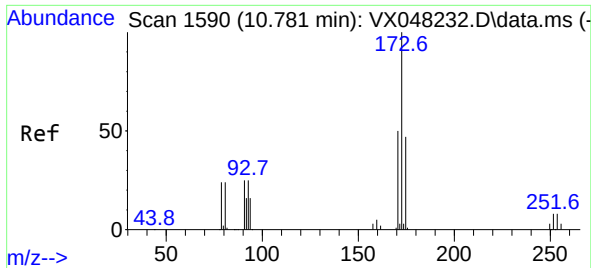
Tgt Ion:106 Resp: 14262
Ion Ratio Lower Upper
106 100
91 219.6 111.3 333.9



#70
Styrene
Concen: 4.980 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:104 Resp: 24289
Ion Ratio Lower Upper
104 100
78 51.1 42.2 63.4
103 53.2 43.0 64.4

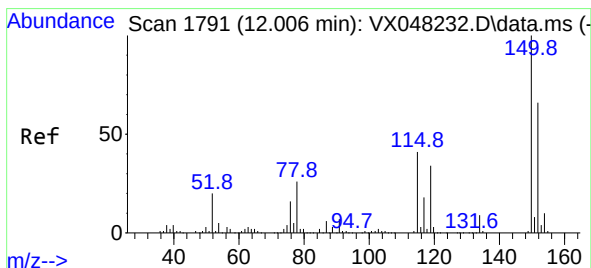
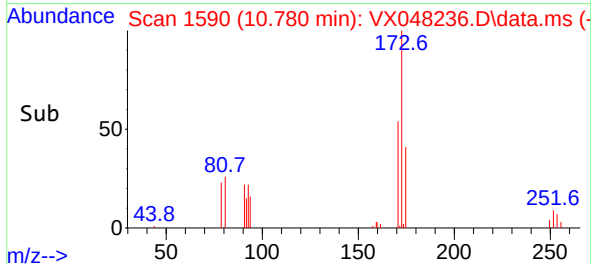
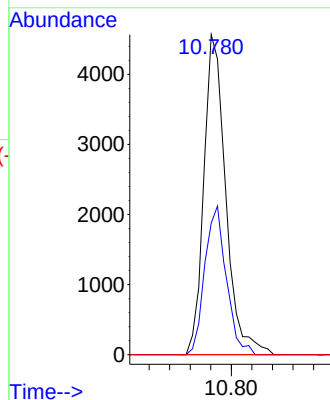
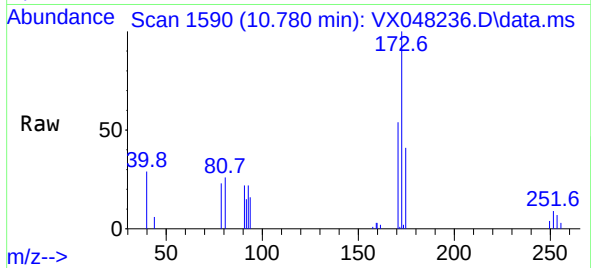




#71
Bromoform
Concen: 4.915 ug/l
RT: 10.780 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

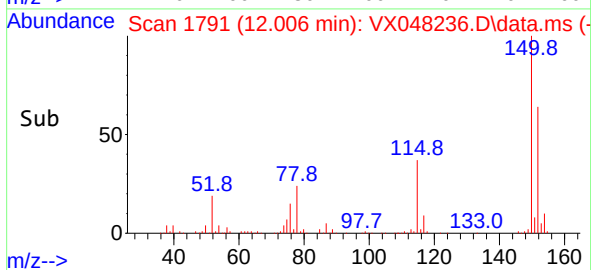
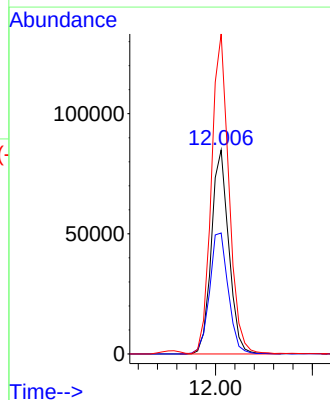
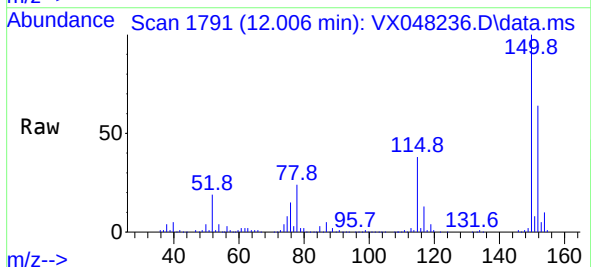
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

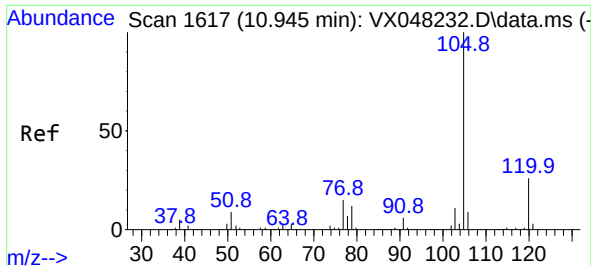
Tgt Ion:173 Resp: 6766
Ion Ratio Lower Upper
173 100
175 45.6 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:152 Resp: 105998
Ion Ratio Lower Upper
152 100
115 63.9 43.1 129.4
150 157.2 0.0 353.0

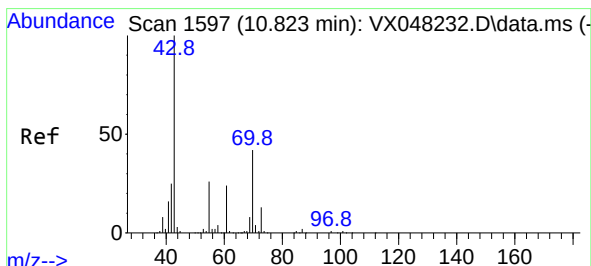
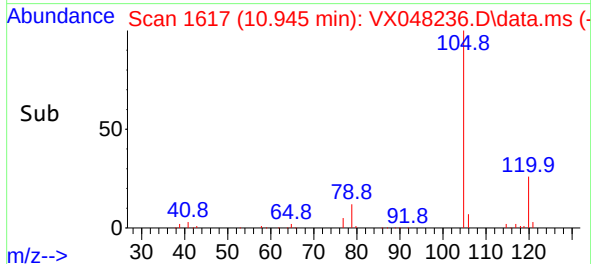
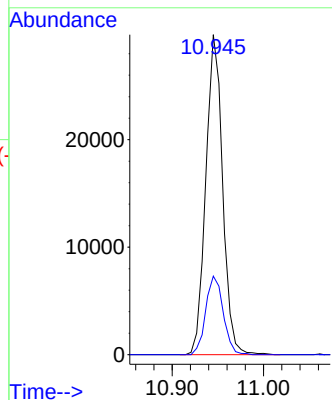
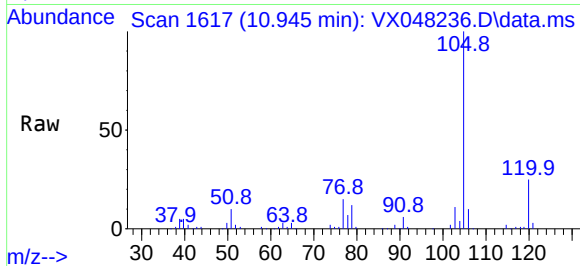




#73
Isopropylbenzene
Concen: 4.900 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

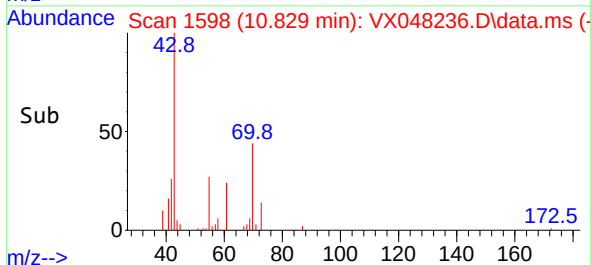
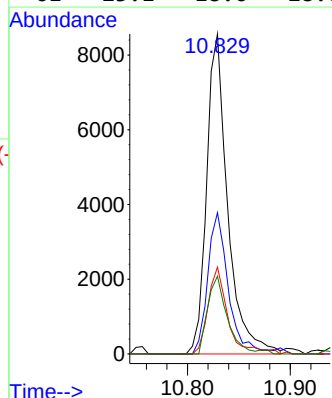
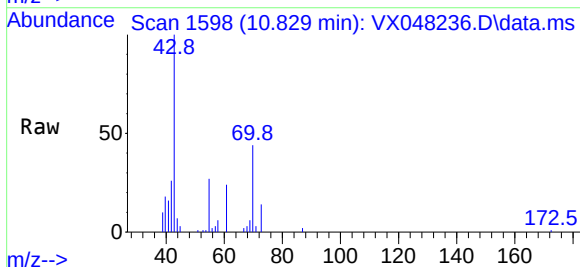
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

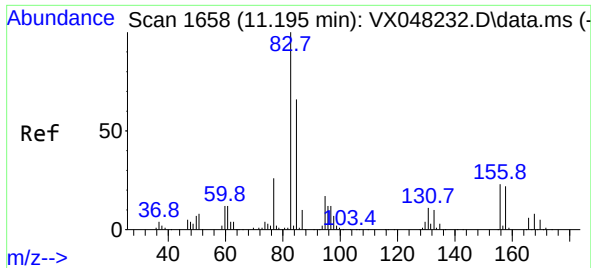
Tgt Ion:105 Resp: 37935
Ion Ratio Lower Upper
105 100
120 25.6 13.0 38.9



#74
N-ethyl acetate
Concen: 4.438 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 43 Resp: 12188
Ion Ratio Lower Upper
43 100
70 43.3 32.2 48.2
55 25.7 19.1 28.7
61 23.1 18.6 28.0

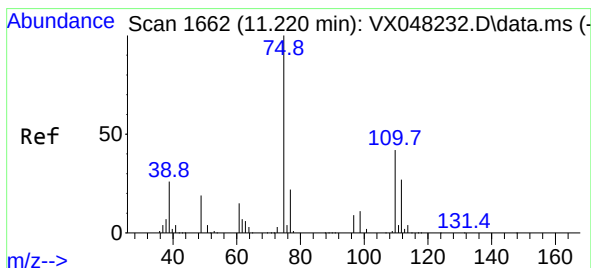
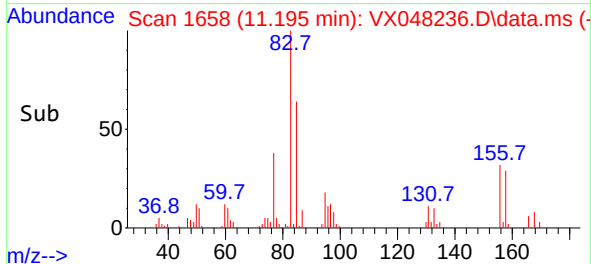
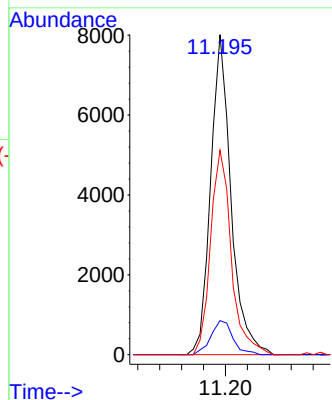
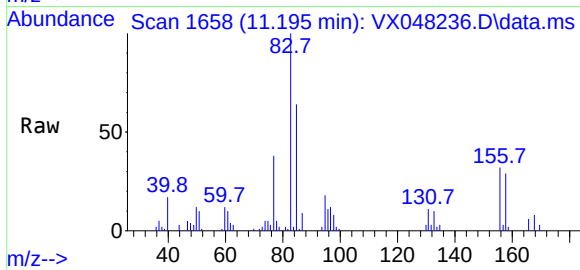




#75
1,1,2,2-Tetrachloroethane
Concen: 4.883 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

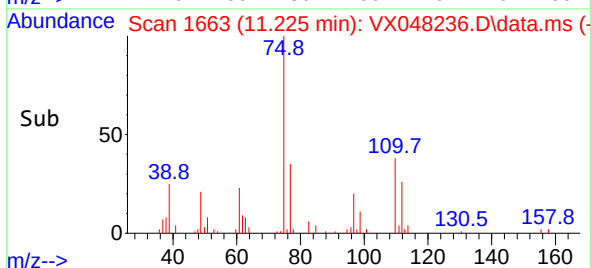
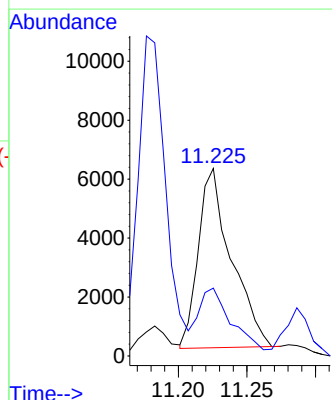
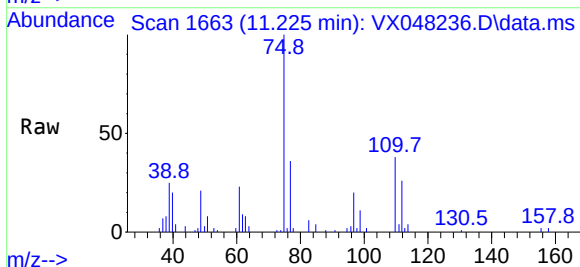
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

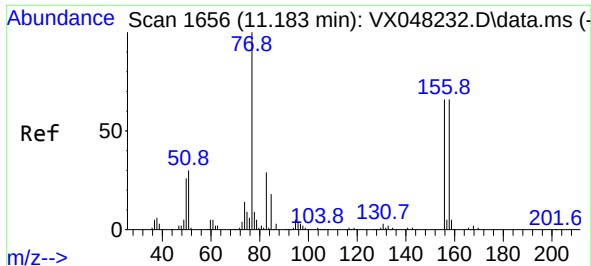
Tgt Ion: 83 Resp: 10324
Ion Ratio Lower Upper
83 100
131 11.5 4.8 14.4
85 65.0 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 5.944 ug/l
RT: 11.225 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 75 Resp: 10217
Ion Ratio Lower Upper
75 100
77 39.2 22.4 67.2

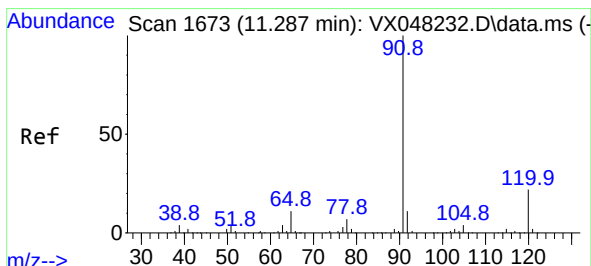
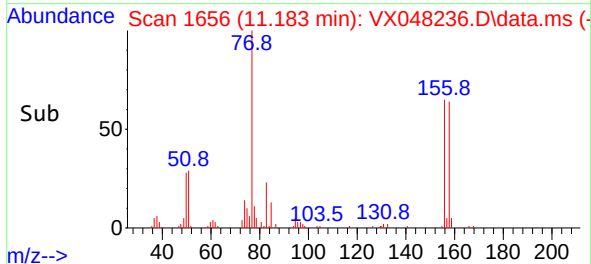
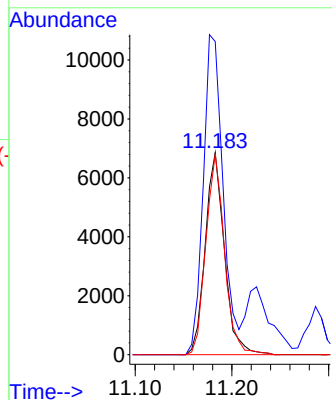
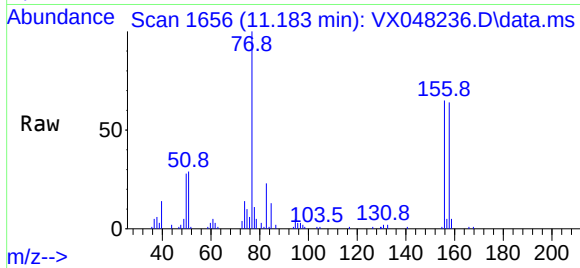




#77
Bromobenzene
Concen: 4.898 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

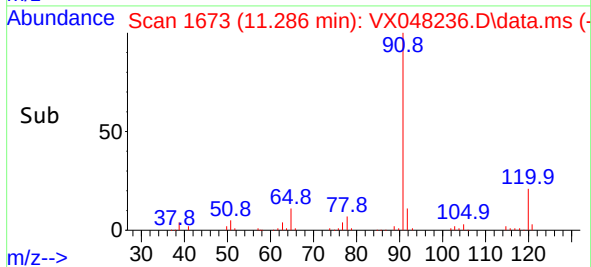
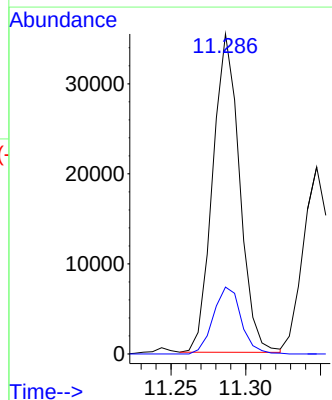
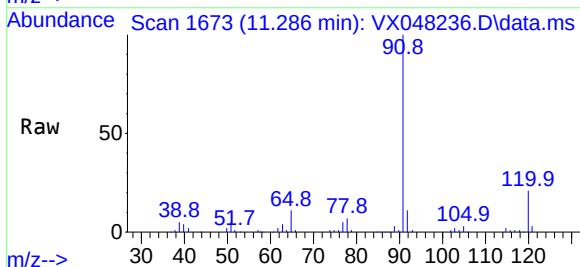
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

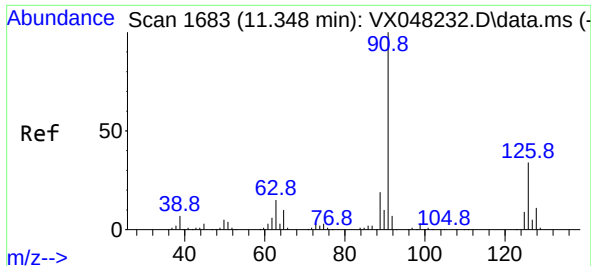
Tgt Ion:156 Resp: 9508
Ion Ratio Lower Upper
156 100
77 162.1 87.0 261.0
158 96.5 47.8 143.4



#78
n-propylbenzene
Concen: 4.930 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 91 Resp: 44189
Ion Ratio Lower Upper
91 100
120 21.7 11.1 33.1

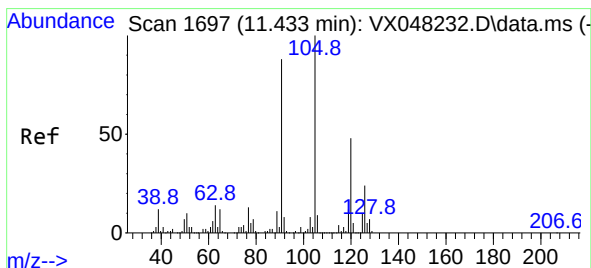
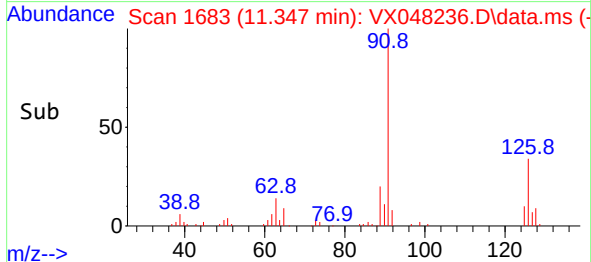
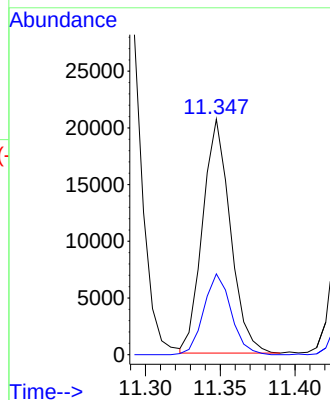
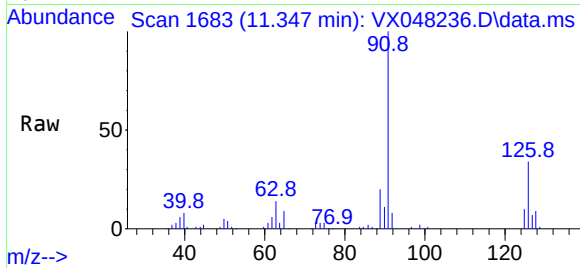




#79
2-Chlorotoluene
Concen: 4.899 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

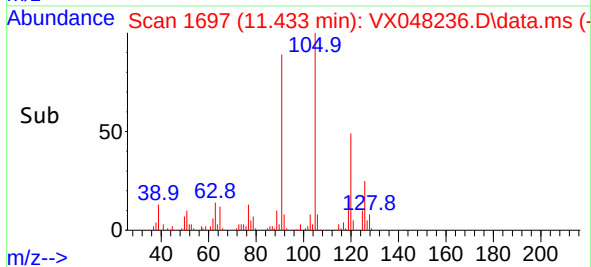
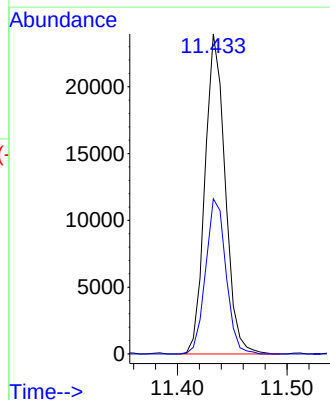
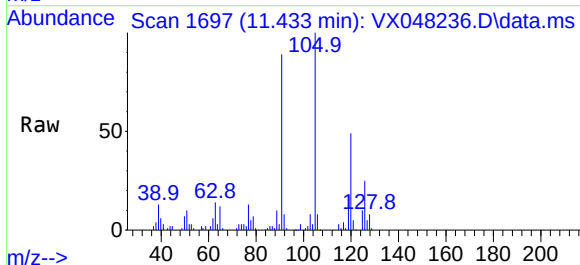
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

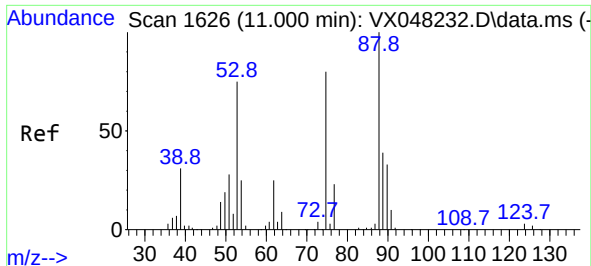
Tgt Ion: 91 Resp: 26627
Ion Ratio Lower Upper
91 100
126 34.0 16.4 49.4



#80
1,3,5-Trimethylbenzene
Concen: 4.779 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 105 Resp: 30618
Ion Ratio Lower Upper
105 100
120 48.8 24.0 72.0

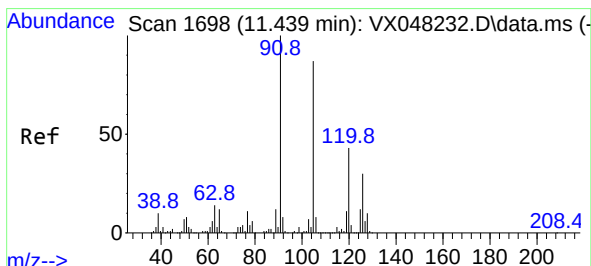
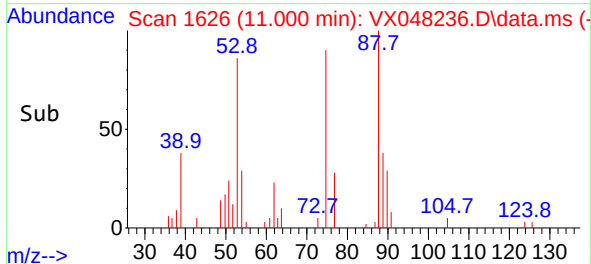
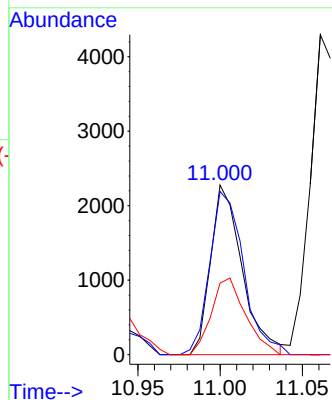
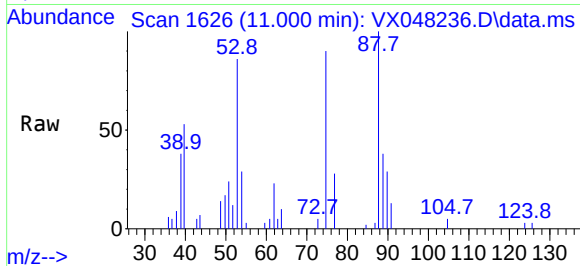




#81
trans-1,4-Dichloro-2-butene
Concen: 4.300 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

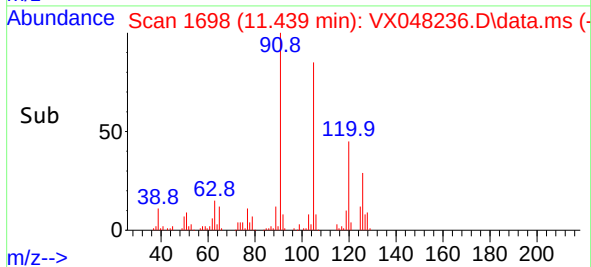
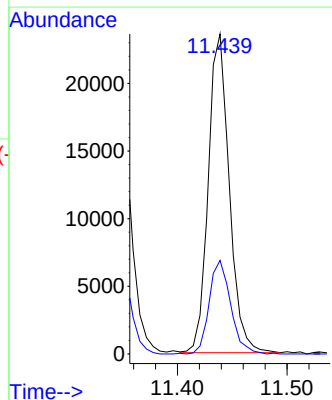
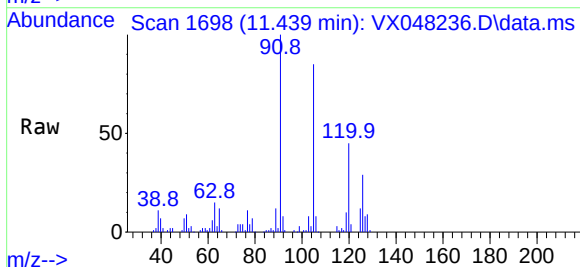
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

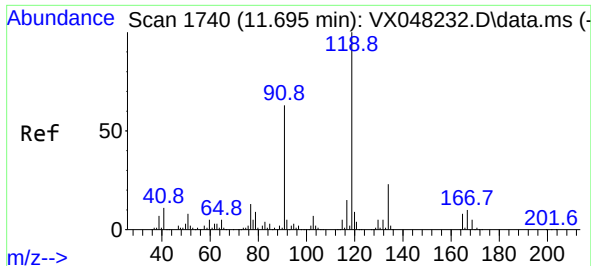
Tgt Ion: 75 Resp: 3038
Ion Ratio Lower Upper
75 100
53 103.8 79.5 119.3
89 49.0 36.8 55.2



#82
4-Chlorotoluene
Concen: 4.860 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 91 Resp: 31357
Ion Ratio Lower Upper
91 100
126 30.1 14.1 42.4

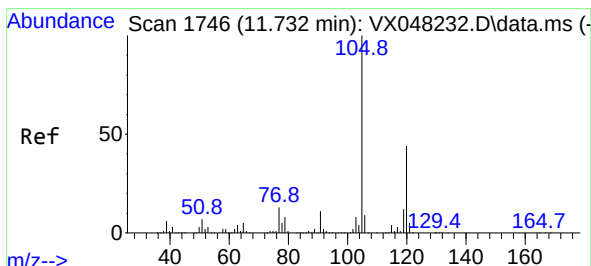
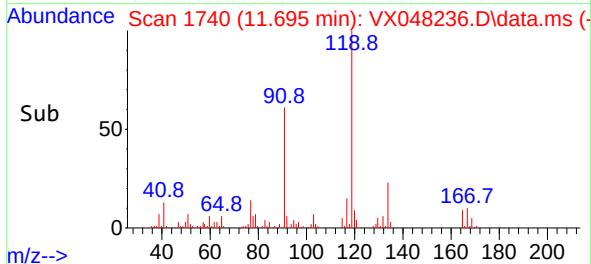
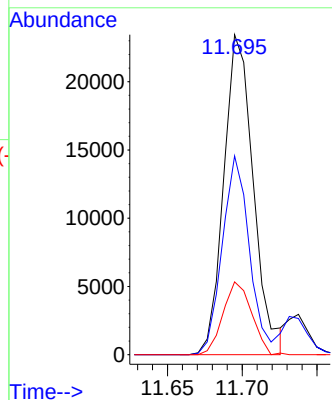
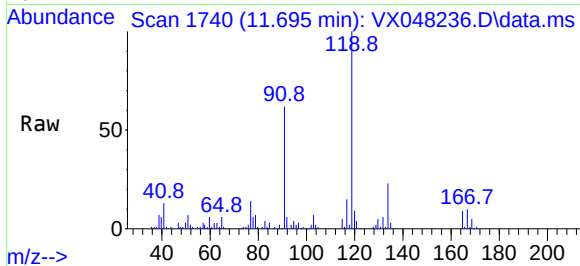




#83
tert-Butylbenzene
Concen: 4.906 ug/l
RT: 11.695 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

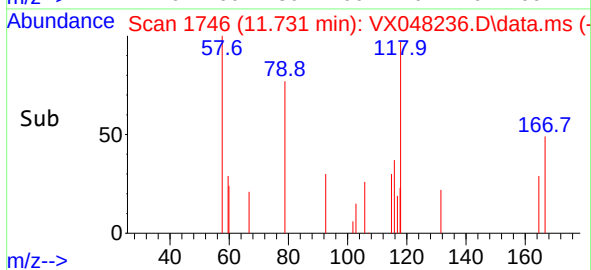
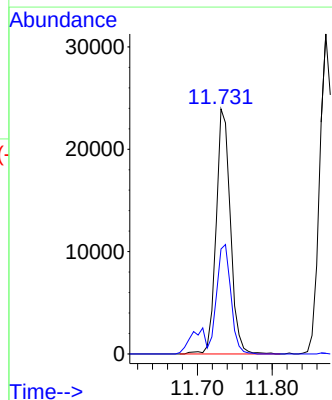
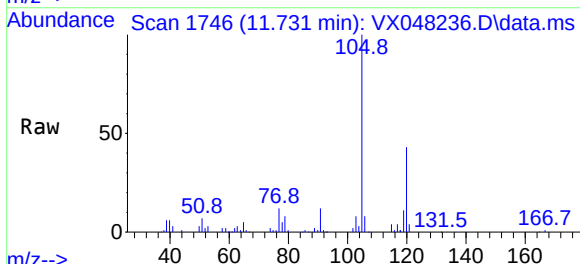
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

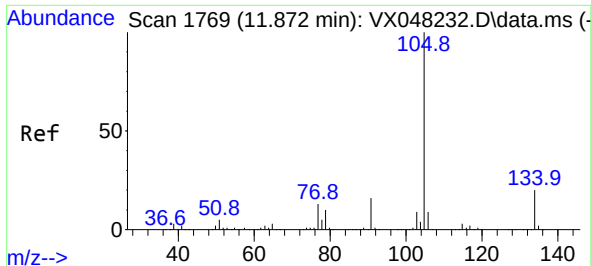
Tgt Ion:119 Resp: 32297
Ion Ratio Lower Upper
119 100
91 56.8 30.3 91.0
134 22.0 11.4 34.2



#84
1,2,4-Trimethylbenzene
Concen: 4.959 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:105 Resp: 31709
Ion Ratio Lower Upper
105 100
120 44.3 22.1 66.5

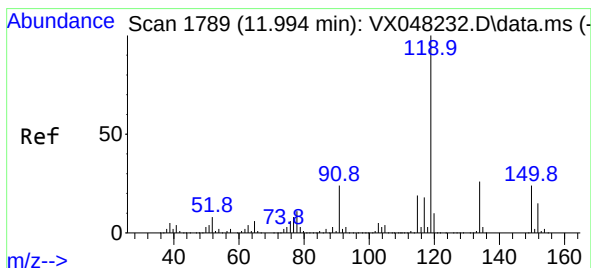
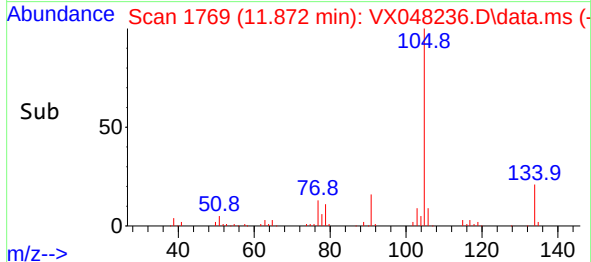
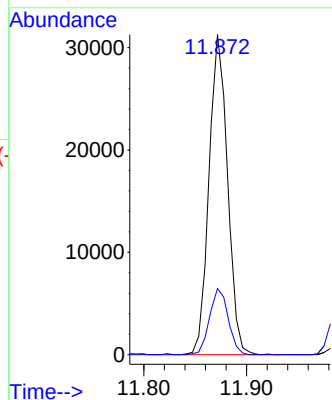
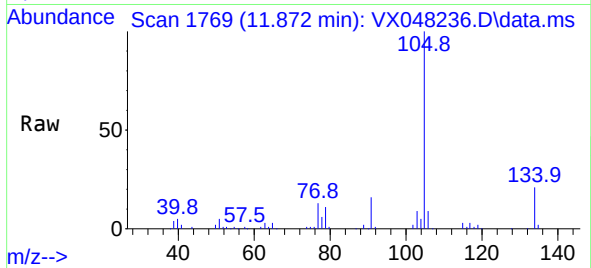




#85
sec-Butylbenzene
Concen: 4.939 ug/l
RT: 11.872 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

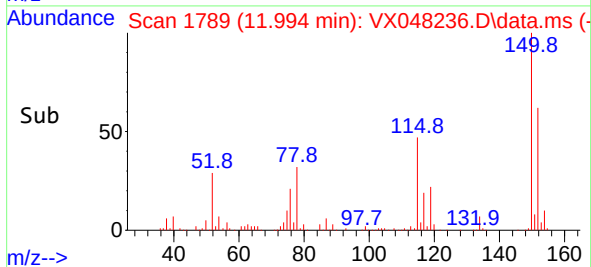
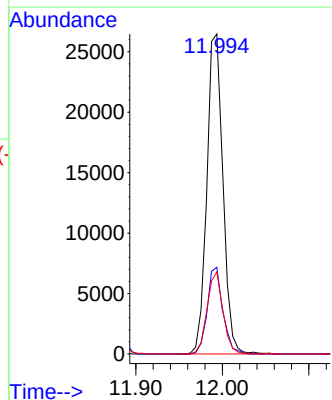
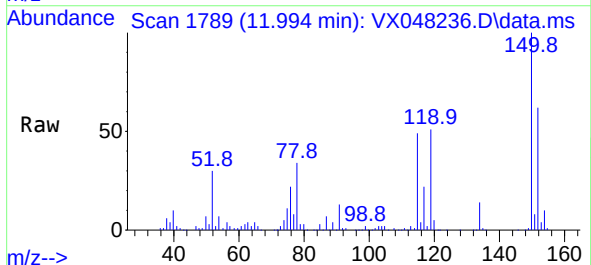
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

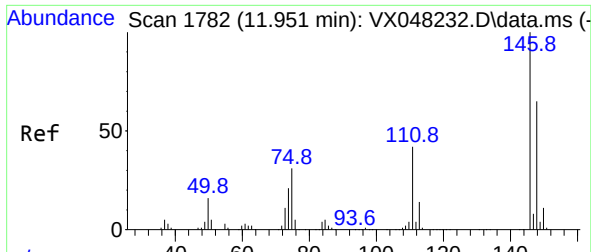
Tgt Ion:105 Resp: 39113
Ion Ratio Lower Upper
105 100
134 20.8 10.1 30.1



#86
p-Isopropyltoluene
Concen: 4.989 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:119 Resp: 34155
Ion Ratio Lower Upper
119 100
134 26.1 13.0 39.0
91 25.3 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 5.068 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

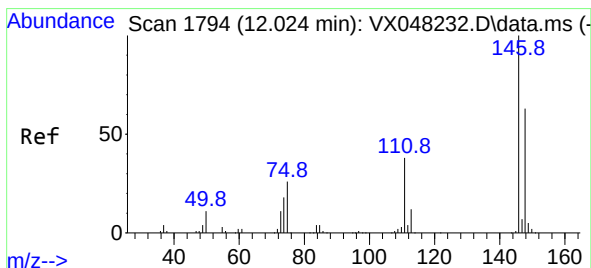
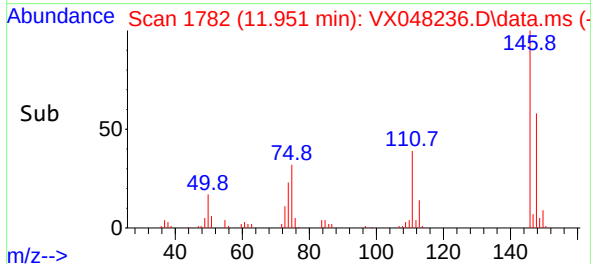
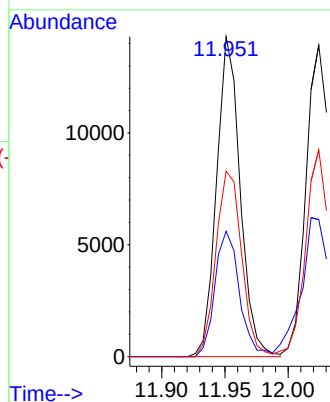
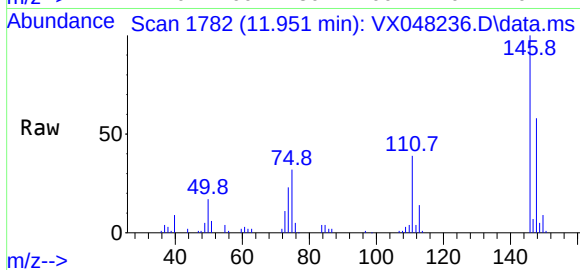
Tgt Ion:146 Resp: 18546

Ion Ratio Lower Upper

146 100

111 40.9 20.4 61.2

148 63.1 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 4.955 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

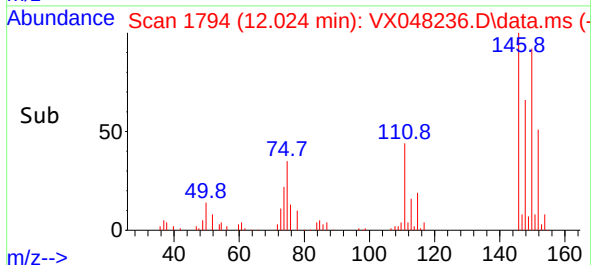
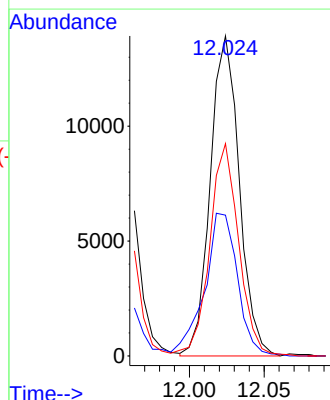
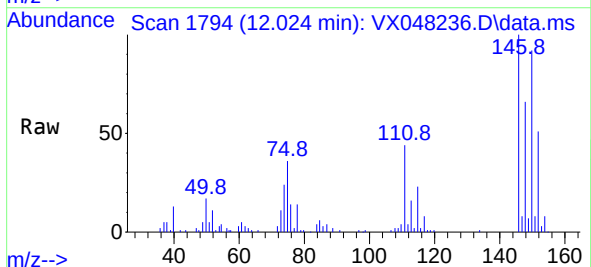
Tgt Ion:146 Resp: 18787

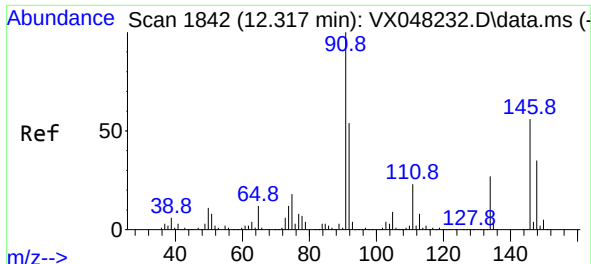
Ion Ratio Lower Upper

146 100

111 50.9 20.1 60.2

148 66.5 31.8 95.3





#89

n-Butylbenzene

Concen: 4.880 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. 0.006 min

Lab File: VX048236.D

Acq: 20 Oct 2025 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

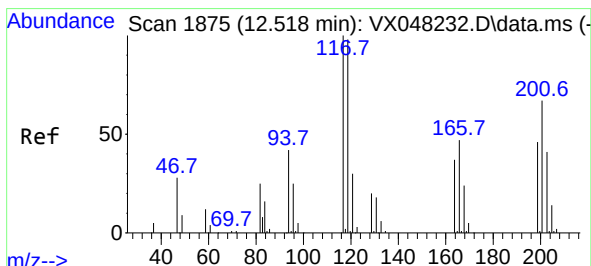
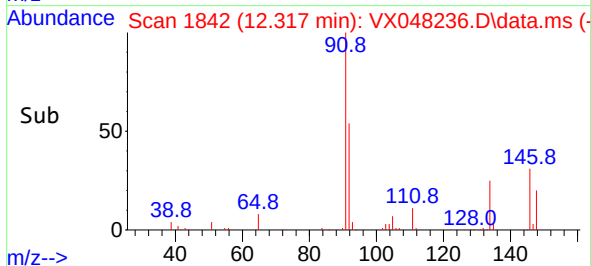
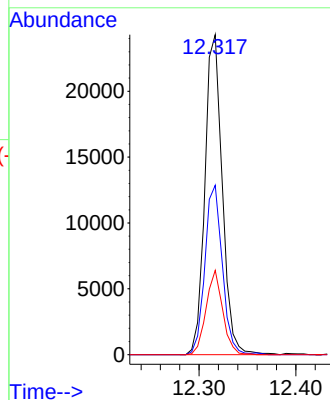
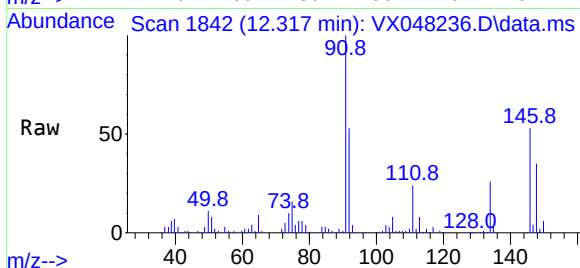
Tgt Ion: 91 Resp: 30409

Ion Ratio Lower Upper

91 100

92 53.1 26.9 80.6

134 25.2 12.7 38.1



#90

Hexachloroethane

Concen: 5.077 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VX048236.D

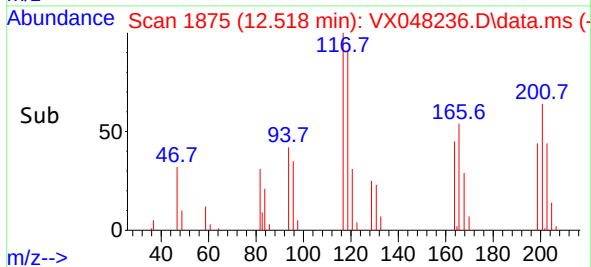
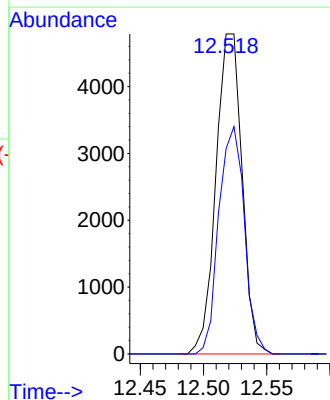
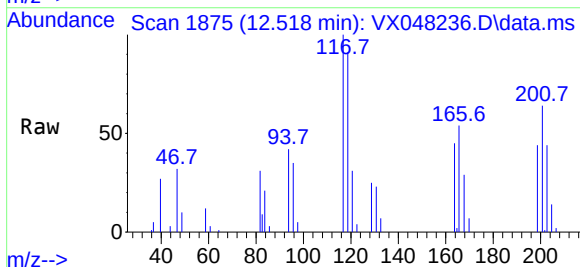
Acq: 20 Oct 2025 13:49

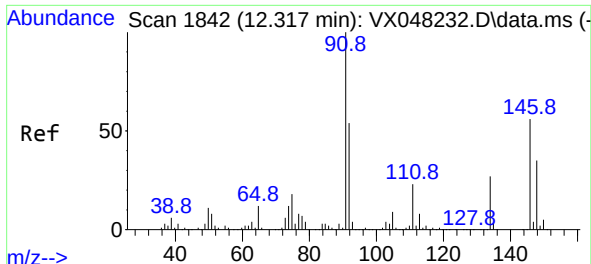
Tgt Ion: 117 Resp: 6863

Ion Ratio Lower Upper

117 100

201 69.4 34.1 102.2

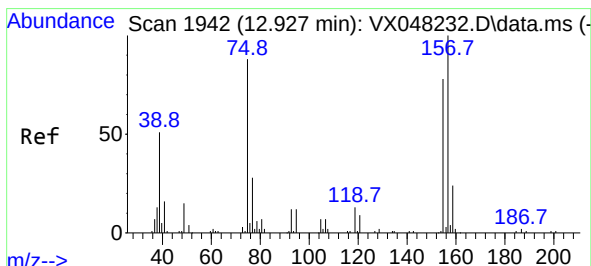
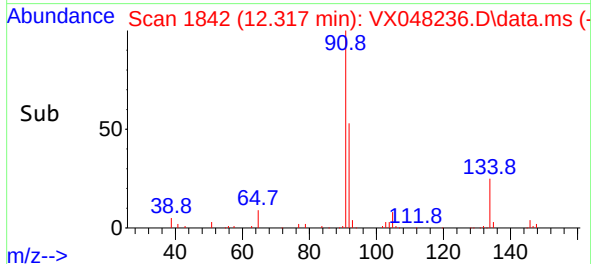
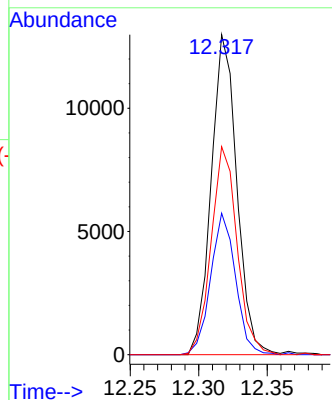
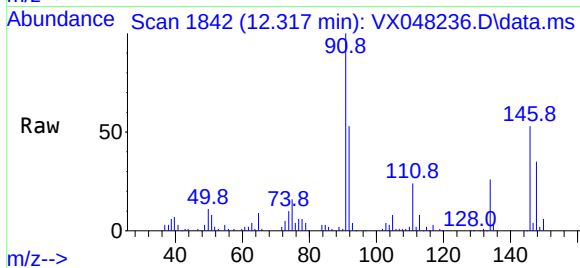




#91
1,2-Dichlorobenzene
Concen: 4.904 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

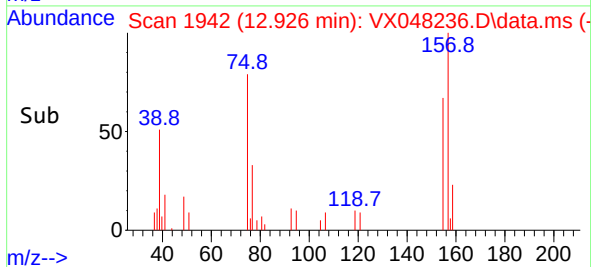
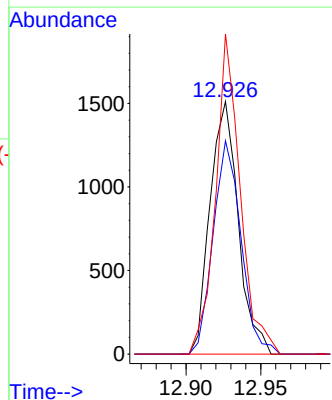
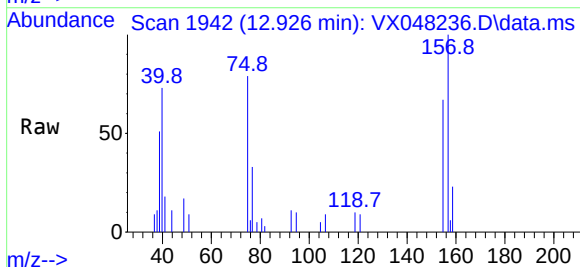
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

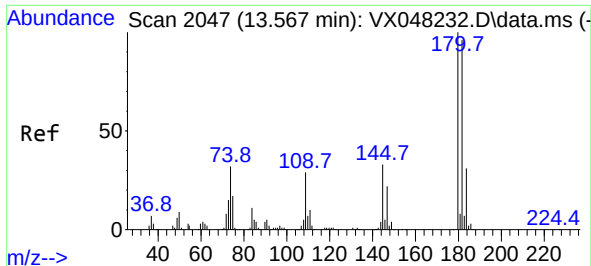
Tgt Ion:146 Resp: 16849
Ion Ratio Lower Upper
146 100
111 43.0 21.9 65.5
148 65.9 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.623 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 75 Resp: 1984
Ion Ratio Lower Upper
75 100
155 83.2 42.8 128.4
157 110.7 54.2 162.6

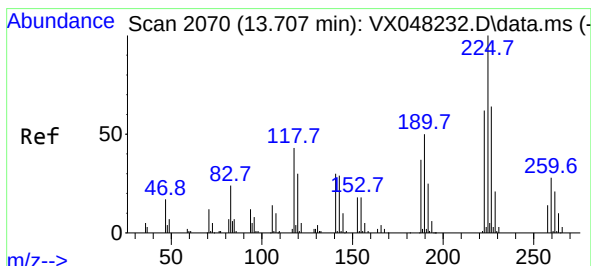
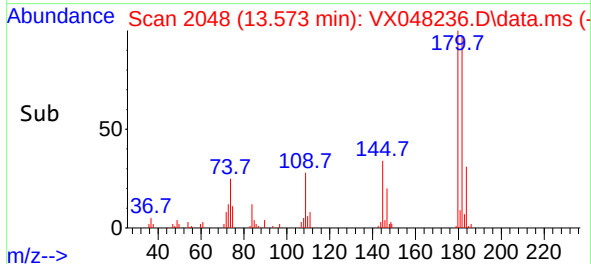
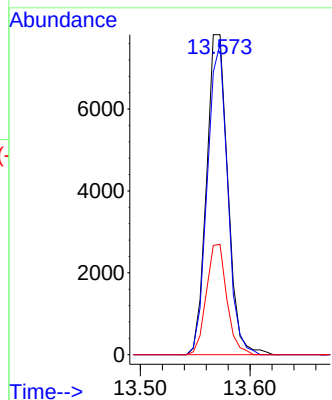
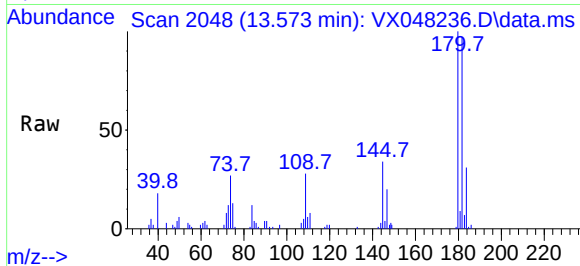




#93
1,2,4-Trichlorobenzene
Concen: 4.535 ug/l
RT: 13.573 min Scan# 2047
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

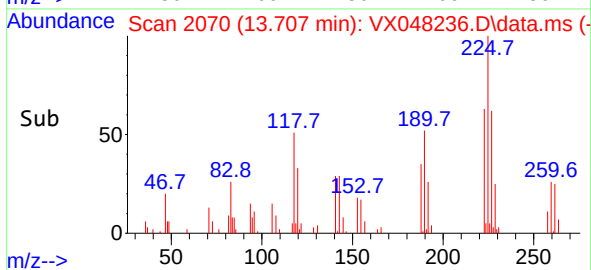
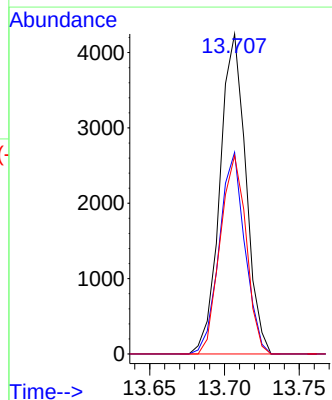
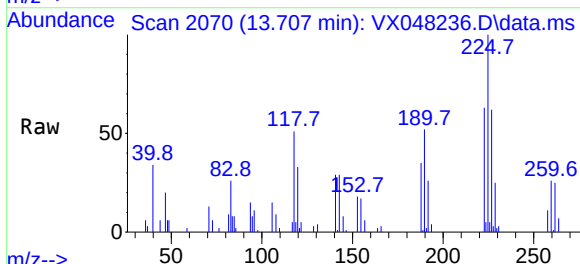
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

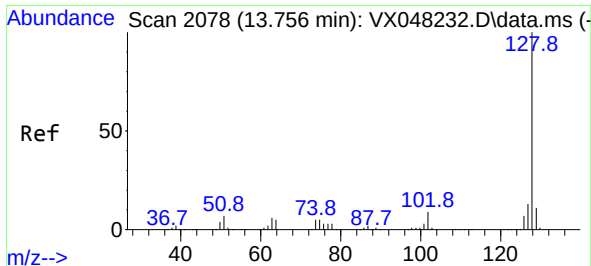
Tgt Ion:180 Resp: 10538
Ion Ratio Lower Upper
180 100
182 92.5 47.3 142.0
145 33.2 16.3 48.9



#94
Hexachlorobutadiene
Concen: 5.931 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

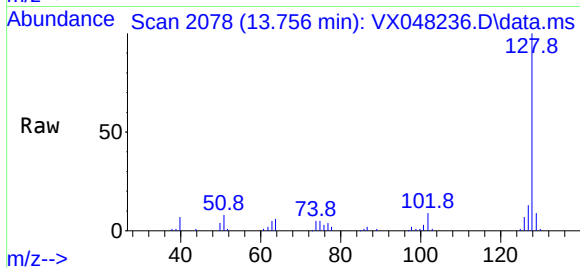
Tgt Ion:225 Resp: 5113
Ion Ratio Lower Upper
225 100
223 62.3 32.6 97.7
227 62.0 32.5 97.4



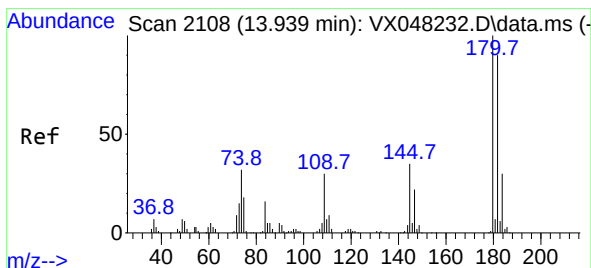
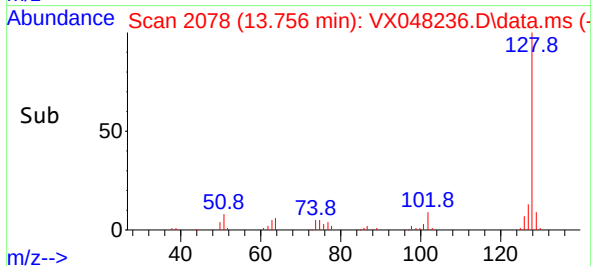
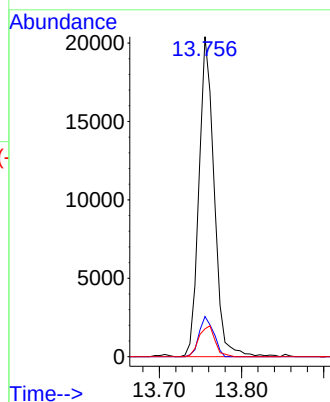


#95
Naphthalene
Concen: 4.259 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

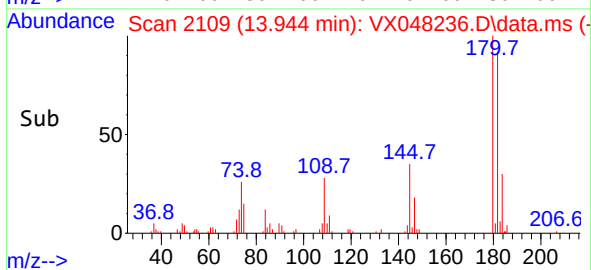
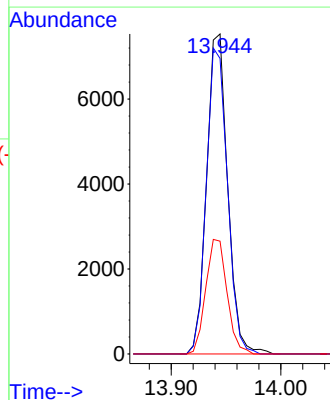
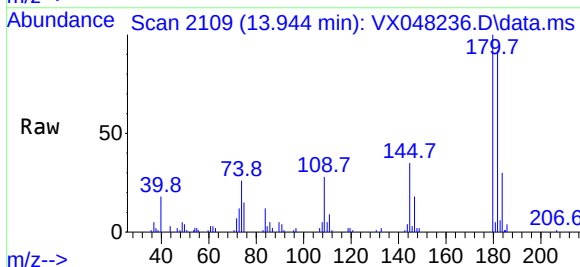


Tgt Ion:	128	Resp:	26218
Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.2	15.4
129	10.2	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 4.709 ug/l
RT: 13.944 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:	180	Resp:	10040
Ion	Ratio	Lower	Upper
180	100		
182	95.7	46.6	139.7
145	36.3	16.9	50.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
 Data File : VX048237.D
 Acq On : 20 Oct 2025 14:28
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102025

Quant Time: Oct 25 03:38:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	144715	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	229650	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	201397	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	99108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	92700	45.687	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.380%
35) Dibromofluoromethane	5.367	113	76746	48.951	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.900%
50) Toluene-d8	8.628	98	265898	48.386	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.780%
62) 4-Bromofluorobenzene	11.061	95	97828	46.795	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.580%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	76365	51.331	ug/l	99
3) Chloromethane	1.301	50	74279	53.491	ug/l	99
4) Vinyl Chloride	1.380	62	71290	55.441	ug/l	99
5) Bromomethane	1.611	94	47863	54.847	ug/l	96
6) Chloroethane	1.691	64	42556	56.320	ug/l	95
7) Trichlorofluoromethane	1.892	101	128754	52.209	ug/l	97
8) Diethyl Ether	2.136	74	37292	53.742	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	83688	53.589	ug/l	96
10) Methyl Iodide	2.453	142	94222	47.994	ug/l	99
11) Tert butyl alcohol	2.934	59	45064	223.693	ug/l	98
12) 1,1-Dichloroethene	2.319	96	79070	52.043	ug/l	92
13) Acrolein	2.233	56	51257	249.473	ug/l	98
14) Allyl chloride	2.660	41	128896	51.099	ug/l	97
15) Acrylonitrile	3.050	53	182260	250.900	ug/l	100
16) Acetone	2.373	43	152988	219.789	ug/l	96
17) Carbon Disulfide	2.514	76	233630	48.792	ug/l	99
18) Methyl Acetate	2.697	43	71506	49.190	ug/l	94
19) Methyl tert-butyl Ether	3.105	73	254812	49.162	ug/l	98
20) Methylene Chloride	2.782	84	86610	51.066	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	85000	50.932	ug/l	96
22) Diisopropyl ether	3.745	45	259934	51.665	ug/l	99
23) Vinyl Acetate	3.709	43	1045584	260.168	ug/l	97
24) 1,1-Dichloroethane	3.599	63	150557	49.490	ug/l	99
25) 2-Butanone	4.532	43	209999	238.354	ug/l	97
26) 2,2-Dichloropropane	4.458	77	132433	48.230	ug/l	100
27) cis-1,2-Dichloroethene	4.471	96	98066	50.350	ug/l	96
28) Bromochloromethane	4.879	49	58764	46.587	ug/l	87
29) Tetrahydrofuran	4.977	42	127995	242.572	ug/l	95
30) Chloroform	5.074	83	157397	48.427	ug/l	99
31) Cyclohexane	5.458	56	132594	52.646	ug/l	92
32) 1,1,1-Trichloroethane	5.361	97	144706	48.309	ug/l	98
36) 1,1-Dichloropropene	5.672	75	109957	49.344	ug/l	100
37) Ethyl Acetate	4.690	43	88074	47.684	ug/l	98
38) Carbon Tetrachloride	5.659	117	132590	48.228	ug/l	99
39) Methylcyclohexane	7.360	83	138611	52.670	ug/l	94
40) Benzene	6.019	78	325041	50.241	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
 Data File : VX048237.D
 Acq On : 20 Oct 2025 14:28
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVVX102025

Quant Time: Oct 25 03:38:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.891	41	48846	50.358	ug/l	95
42) 1,2-Dichloroethane	6.068	62	116893	48.963	ug/l	98
43) Isopropyl Acetate	6.318	43	151140	49.816	ug/l	95
44) Trichloroethene	7.104	130	86410	50.582	ug/l	96
45) 1,2-Dichloropropane	7.409	63	78439	50.994	ug/l	98
46) Dibromomethane	7.562	93	58616	48.913	ug/l	94
47) Bromodichloromethane	7.799	83	125388	48.459	ug/l	99
48) Methyl methacrylate	7.671	41	75812	49.519	ug/l	94
49) 1,4-Dioxane	7.635	88	20230	1000.197	ug/l	90
51) 4-Methyl-2-Pentanone	8.555	43	428393	244.897	ug/l	95
52) Toluene	8.702	92	205867	50.088	ug/l	99
53) t-1,3-Dichloropropene	8.958	75	124683	50.004	ug/l	100
54) cis-1,3-Dichloropropene	8.348	75	134360	49.944	ug/l	93
55) 1,1,2-Trichloroethane	9.134	97	75808	49.597	ug/l	98
56) Ethyl methacrylate	9.098	69	111702	49.964	ug/l	94
57) 1,3-Dichloropropane	9.287	76	128519	49.226	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.220	63	290992	242.124	ug/l	96
59) 2-Hexanone	9.409	43	300183	246.102	ug/l	96
60) Dibromochloromethane	9.500	129	97643	47.530	ug/l	99
61) 1,2-Dibromoethane	9.592	107	80363	49.319	ug/l	97
64) Tetrachloroethene	9.256	164	73198	48.686	ug/l	95
65) Chlorobenzene	10.061	112	226953	50.095	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.140	131	81561	49.014	ug/l	99
67) Ethyl Benzene	10.177	91	391830	50.798	ug/l	99
68) m/p-Xylenes	10.281	106	293516	102.416	ug/l	99
69) o-Xylene	10.622	106	139515	50.424	ug/l	99
70) Styrene	10.634	104	243341	51.651	ug/l	100
71) Bromoform	10.781	173	64170	48.250	ug/l #	99
73) Isopropylbenzene	10.945	105	373948	51.658	ug/l	100
74) N-amyl acetate	10.823	43	131979	51.399	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.195	83	98715	49.936	ug/l	98
76) 1,2,3-Trichloropropane	11.219	75	111265	69.229	ug/l	82
77) Bromobenzene	11.177	156	91000	50.135	ug/l	94
78) n-propylbenzene	11.287	91	435662	51.980	ug/l	99
79) 2-Chlorotoluene	11.341	91	257936	50.760	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	305027	50.918	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	33027	49.995	ug/l	96
82) 4-Chlorotoluene	11.433	91	304670	50.507	ug/l	98
83) tert-Butylbenzene	11.695	119	309524	50.288	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	308529	51.607	ug/l	100
85) sec-Butylbenzene	11.872	105	379368	51.230	ug/l	100
86) p-Isopropyltoluene	11.988	119	324425	50.686	ug/l	100
87) 1,3-Dichlorobenzene	11.951	146	165027	48.229	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	168102	47.423	ug/l	99
89) n-Butylbenzene	12.311	91	289706	49.728	ug/l	99
90) Hexachloroethane	12.518	117	61223	48.437	ug/l	95
91) 1,2-Dichlorobenzene	12.317	146	157812	49.123	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	19691	49.072	ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	101983	46.941	ug/l	99
94) Hexachlorobutadiene	13.707	225	39299	48.274	ug/l	99
95) Naphthalene	13.756	128	289882	50.362	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	96139	48.223	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048237.D
Acq On : 20 Oct 2025 14:28
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

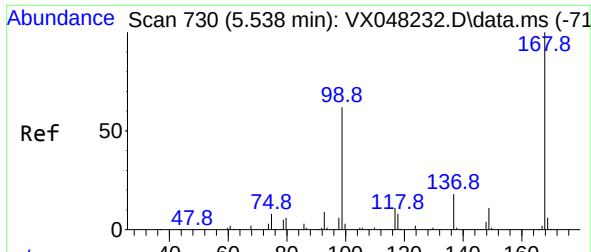
Quant Time: Oct 25 03:38:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

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

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

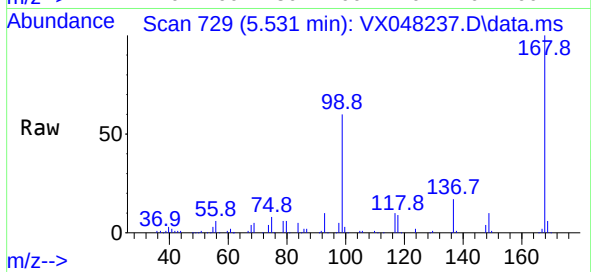
Quant Time: Oct 25 03:38:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration



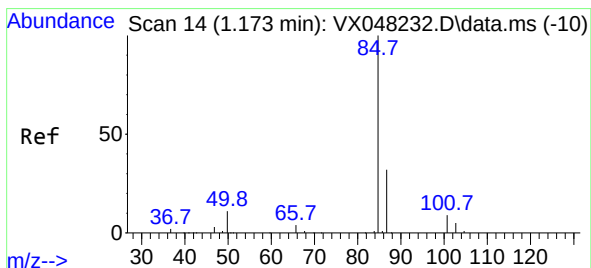
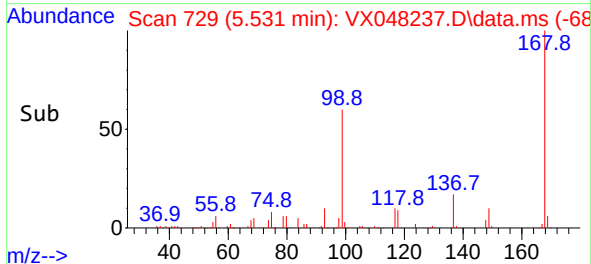
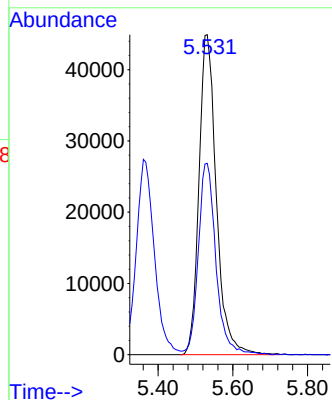


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.013 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

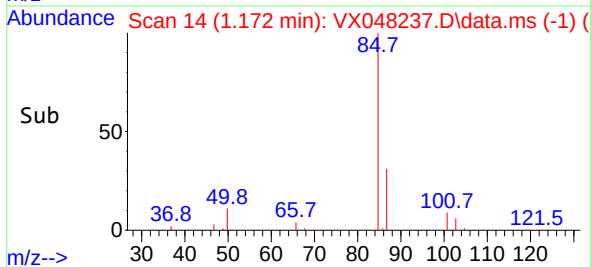
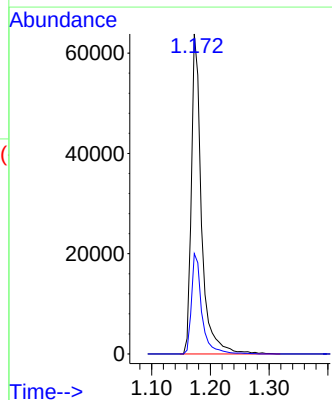
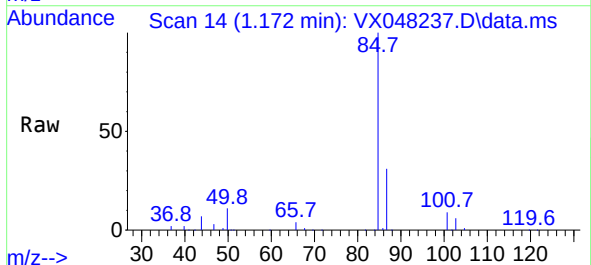


Tgt Ion:168 Resp: 144715
Ion Ratio Lower Upper
168 100
99 59.7 46.4 69.6

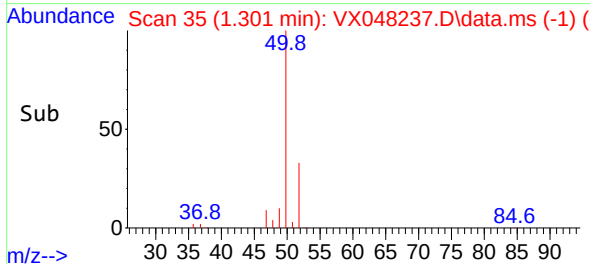
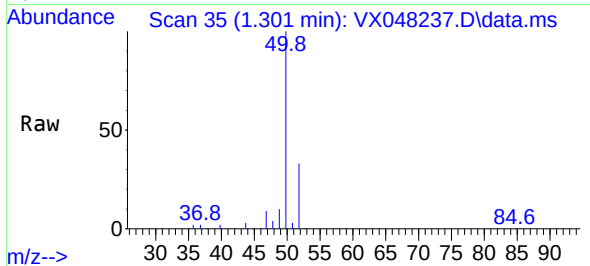
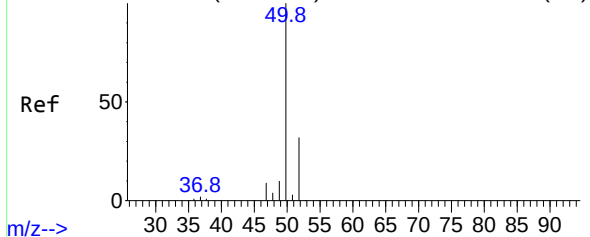


#2
Dichlorodifluoromethane
Concen: 51.331 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 85 Resp: 76365
Ion Ratio Lower Upper
85 100
87 31.4 15.3 45.9



Abundance Scan 35 (1.301 min): VX048232.D\data.ms (-30)



#3

Chloromethane

Concen: 53.491 ug/l

RT: 1.301 min Scan# 35

Delta R.T. -0.000 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

Instrument :

MSVOA_X

ClientSampleId :

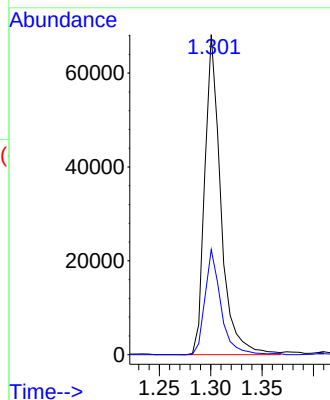
ICVVX102025

Tgt Ion: 50 Resp: 74279

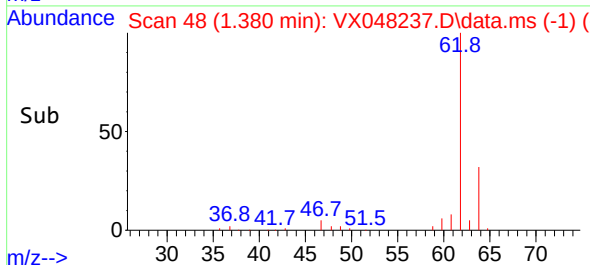
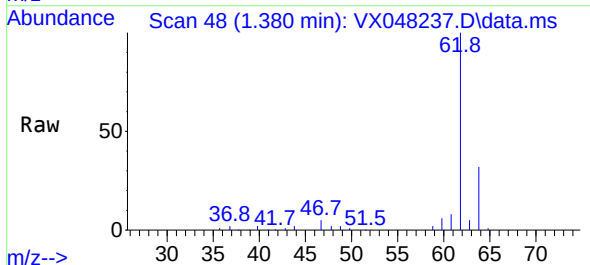
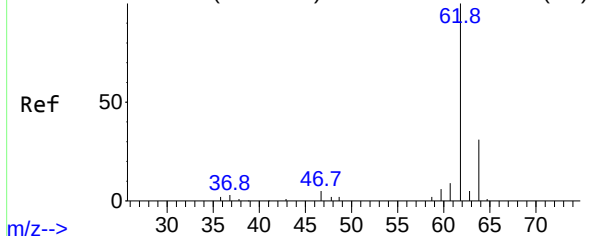
Ion Ratio Lower Upper

50 100

52 32.9 25.9 38.9



Abundance Scan 48 (1.380 min): VX048232.D\data.ms (-43)



#4

Vinyl Chloride

Concen: 55.441 ug/l

RT: 1.380 min Scan# 48

Delta R.T. -0.000 min

Lab File: VX048237.D

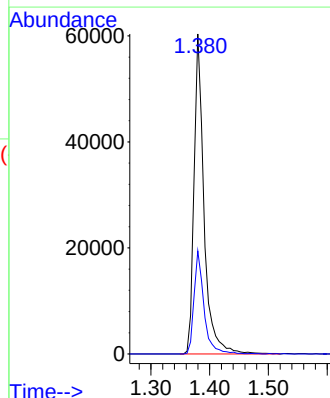
Acq: 20 Oct 2025 14:28

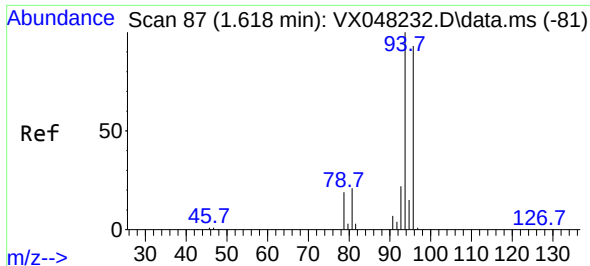
Tgt Ion: 62 Resp: 71290

Ion Ratio Lower Upper

62 100

64 32.2 25.1 37.7

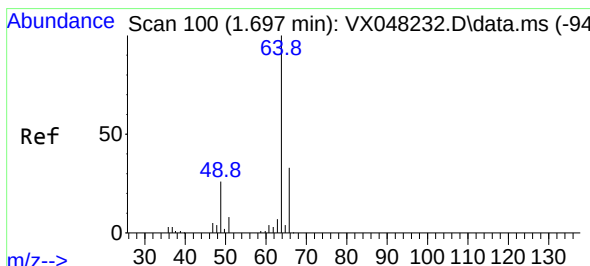
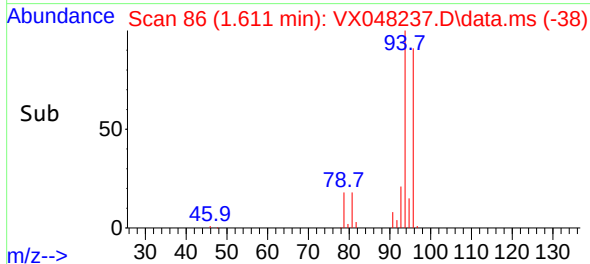
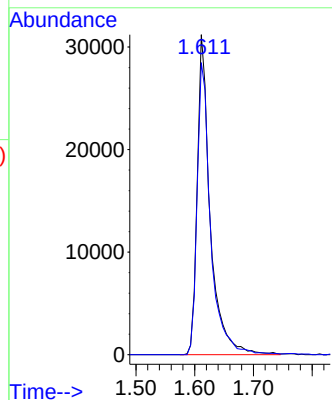
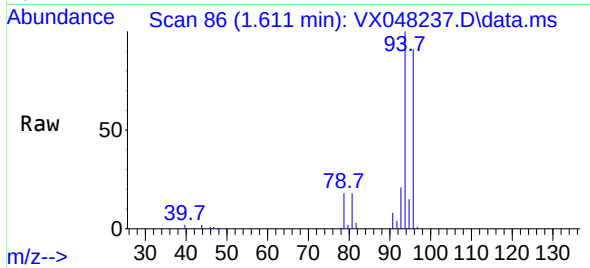




#5
Bromomethane
Concen: 54.847 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

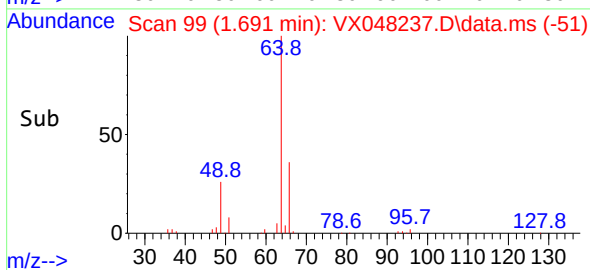
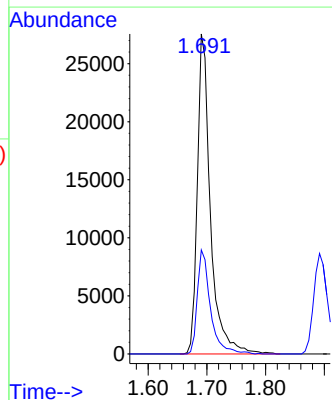
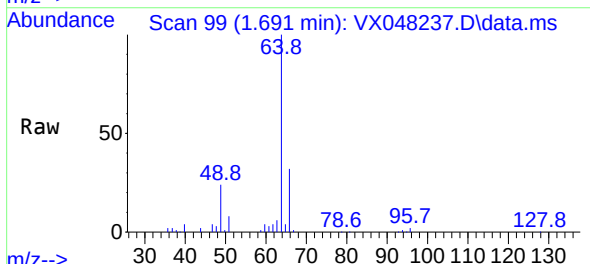
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

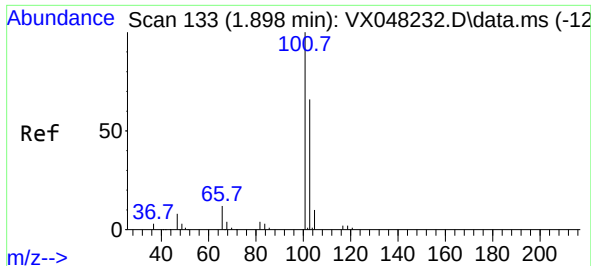
Tgt Ion: 94 Resp: 47863
Ion Ratio Lower Upper
94 100
96 91.2 76.0 114.0



#6
Chloroethane
Concen: 56.320 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 64 Resp: 42556
Ion Ratio Lower Upper
64 100
66 32.5 23.9 35.9

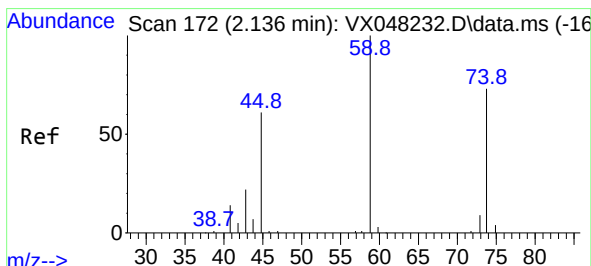
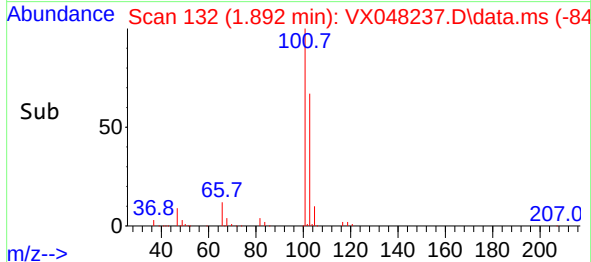
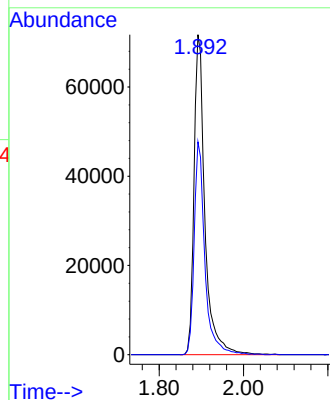
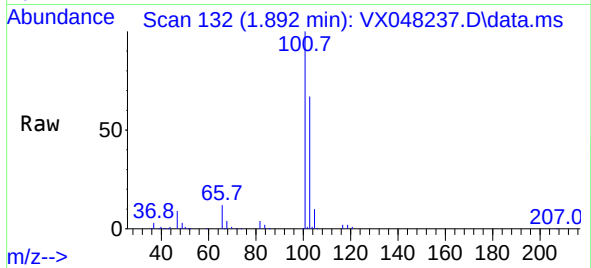




#7
Trichlorofluoromethane
Concen: 52.209 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

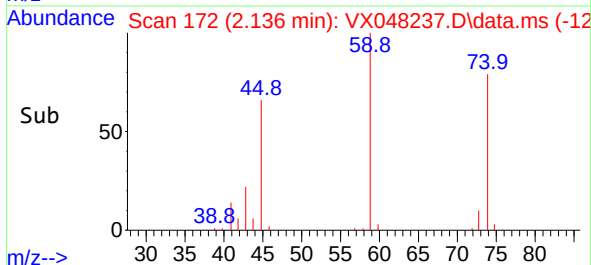
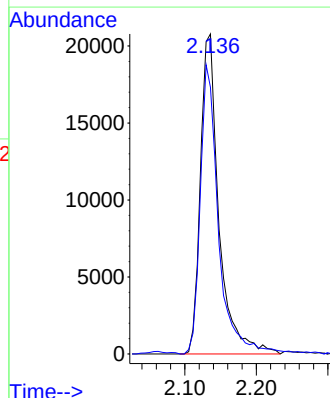
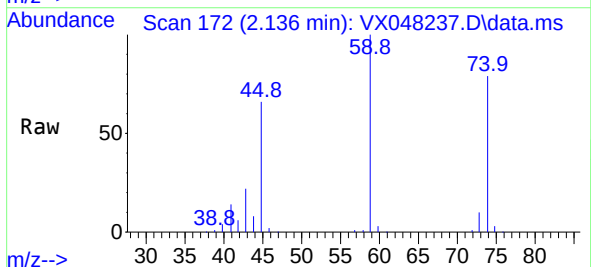
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

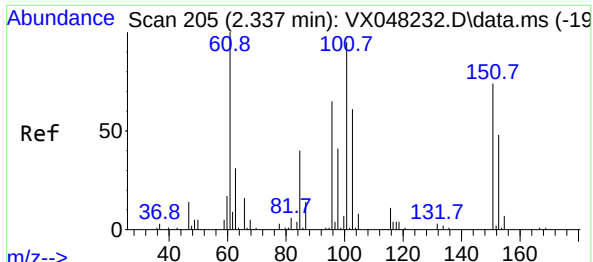
Tgt Ion:101 Resp: 128754
Ion Ratio Lower Upper
101 100
103 66.5 51.6 77.4



#8
Diethyl Ether
Concen: 53.742 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 74 Resp: 37292
Ion Ratio Lower Upper
74 100
45 89.3 50.0 149.8

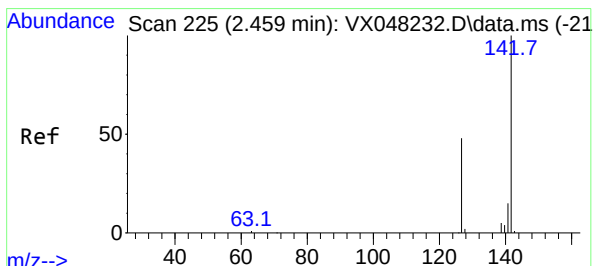
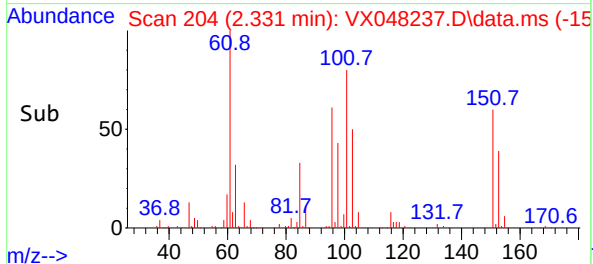
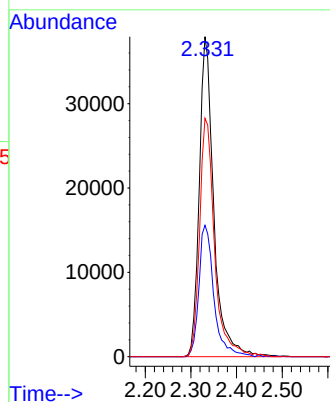
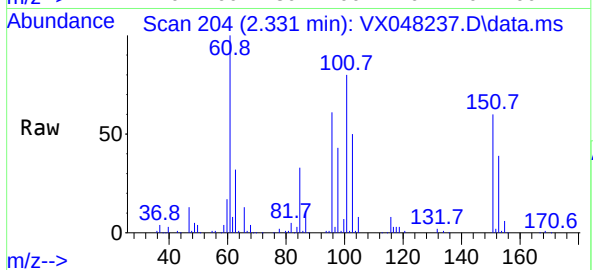




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.589 ug/l
RT: 2.331 min Scan# 205
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

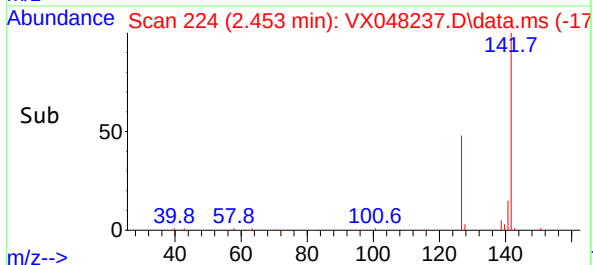
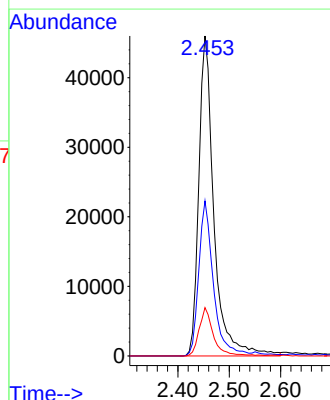
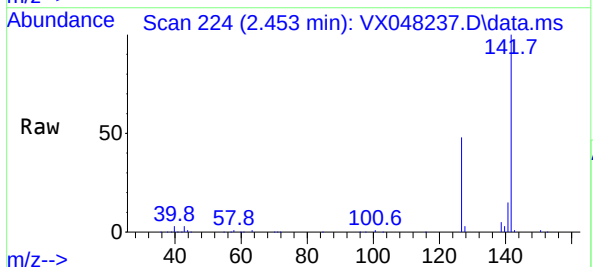
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

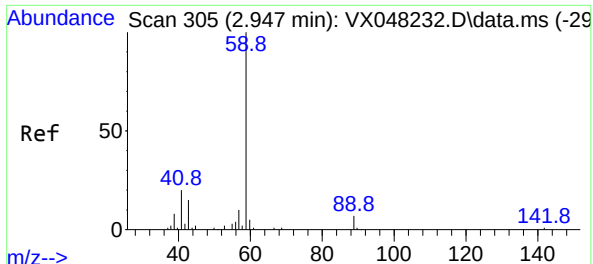
Tgt Ion:101 Resp: 83688
Ion Ratio Lower Upper
101 100
85 42.4 35.6 53.4
151 76.9 58.0 87.0



#10
Methyl Iodide
Concen: 47.994 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:142 Resp: 94222
Ion Ratio Lower Upper
142 100
127 46.9 38.5 57.7
141 14.3 11.6 17.4

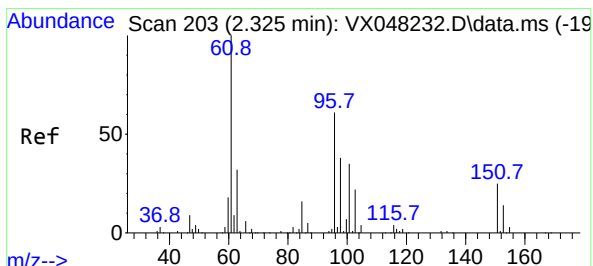
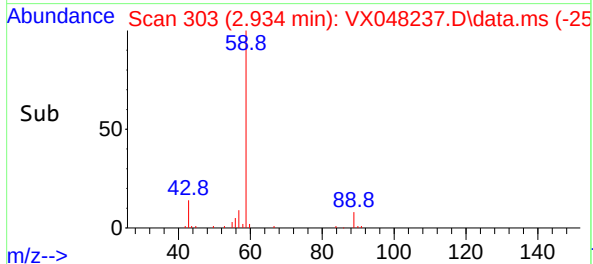
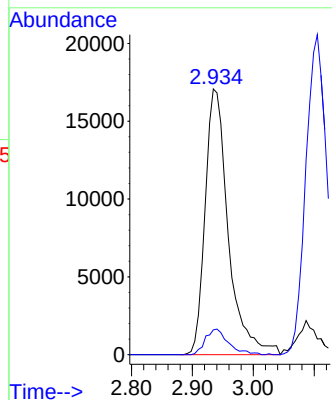
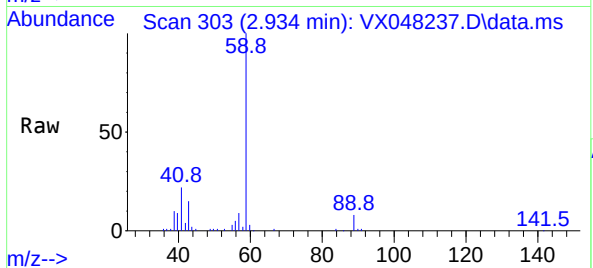




#11
Tert butyl alcohol
Concen: 223.693 ug/l
RT: 2.934 min Scan# 30
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

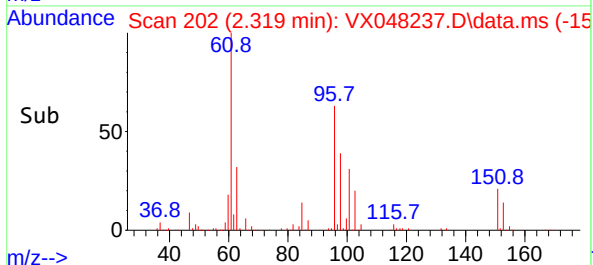
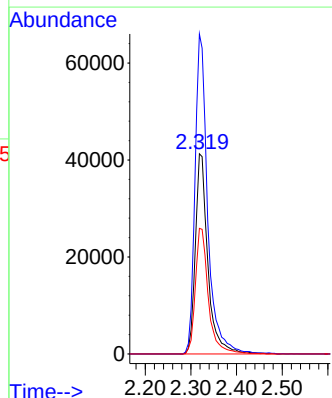
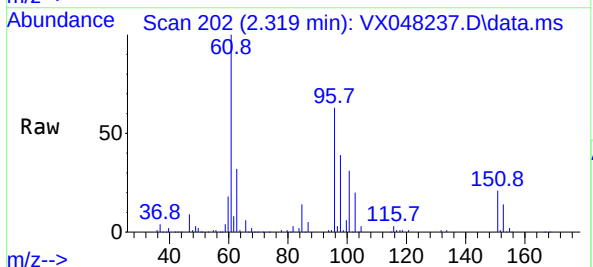
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

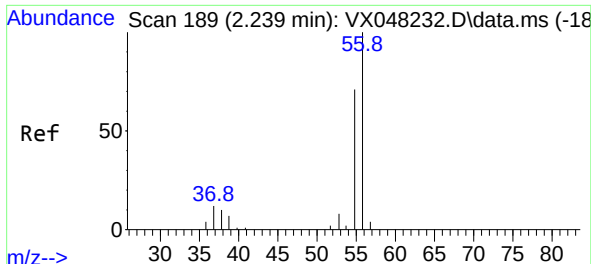
Tgt Ion: 59 Resp: 45064
Ion Ratio Lower Upper
59 100
57 9.6 8.2 12.4



#12
1,1-Dichloroethene
Concen: 52.043 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 96 Resp: 79070
Ion Ratio Lower Upper
96 100
61 159.8 139.0 208.6
98 62.7 52.4 78.6

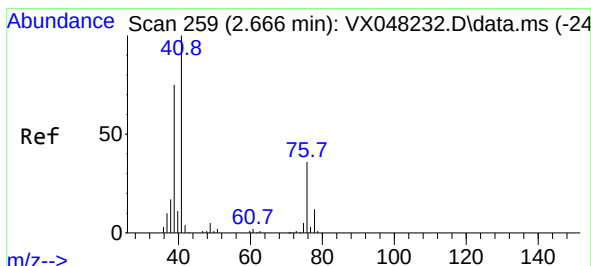
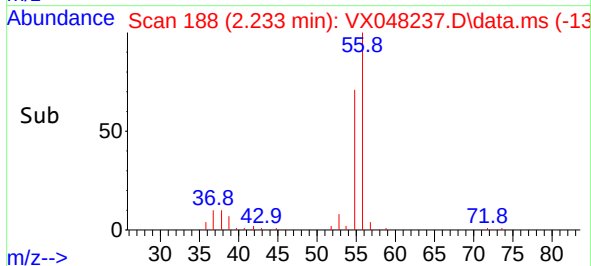
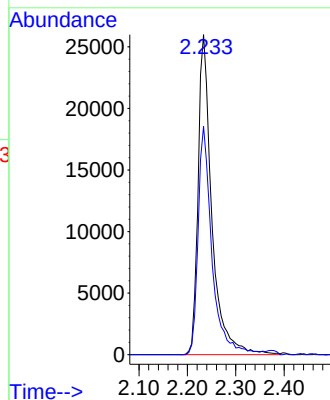
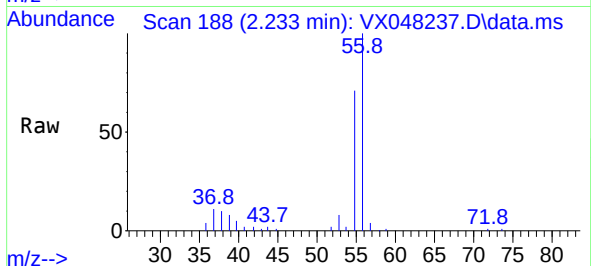




#13
Acrolein
Concen: 249.473 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

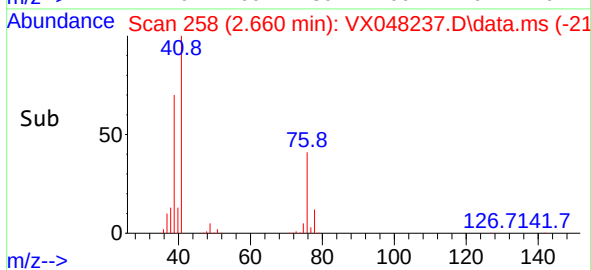
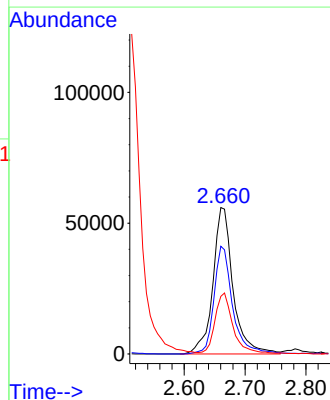
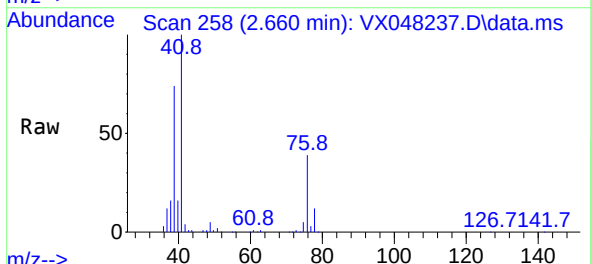
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

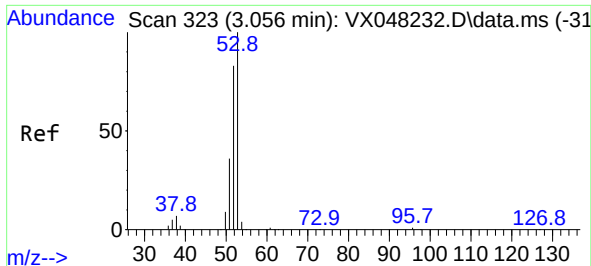
Tgt Ion: 56 Resp: 51257
Ion Ratio Lower Upper
56 100
55 71.7 56.1 84.1



#14
Allyl chloride
Concen: 51.099 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 41 Resp: 128896
Ion Ratio Lower Upper
41 100
39 68.0 56.0 84.0
76 37.0 27.5 41.3

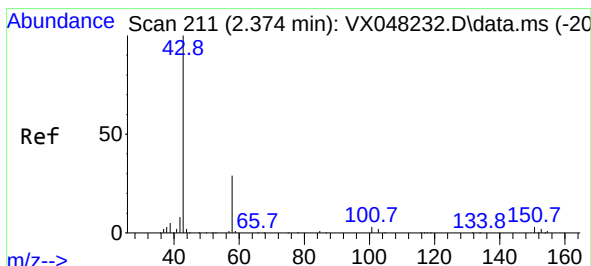
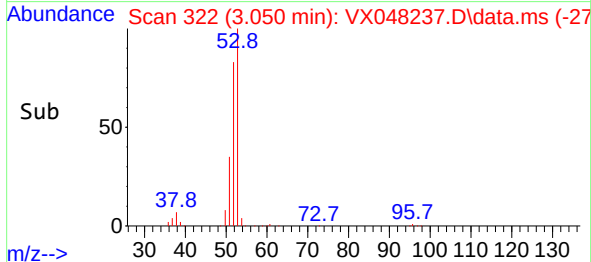
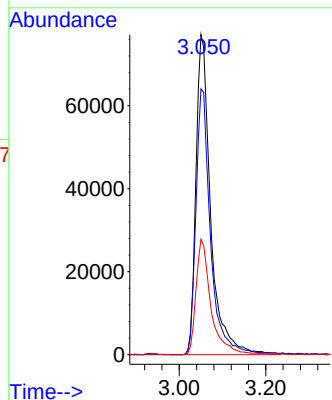
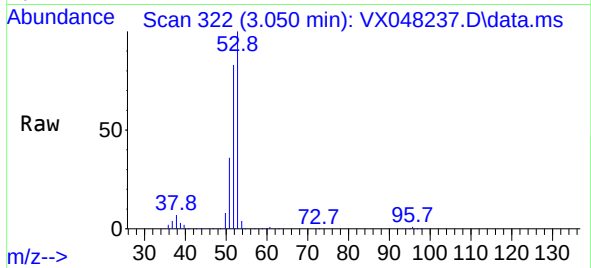




#15
Acrylonitrile
Concen: 250.900 ug/l
RT: 3.050 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

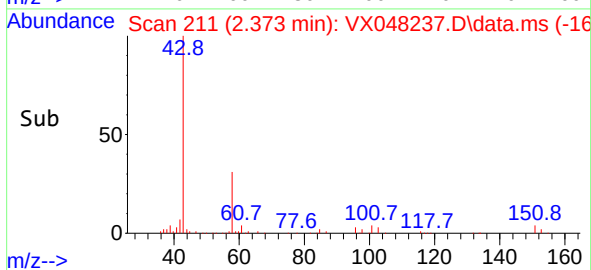
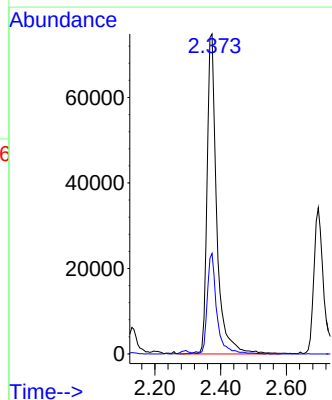
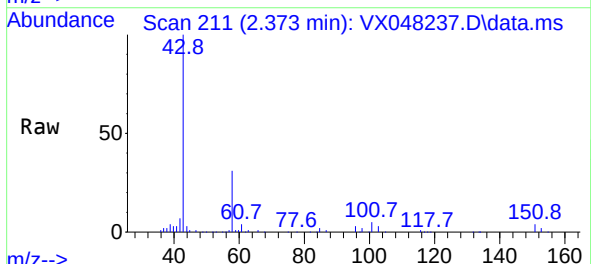
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

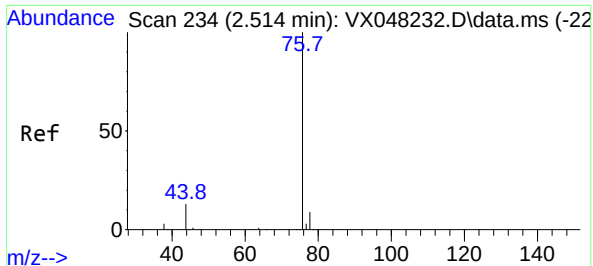
Tgt Ion: 53 Resp: 182260
Ion Ratio Lower Upper
53 100
52 82.6 66.1 99.1
51 36.8 29.0 43.4



#16
Acetone
Concen: 219.789 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 43 Resp: 152988
Ion Ratio Lower Upper
43 100
58 31.4 23.4 35.2

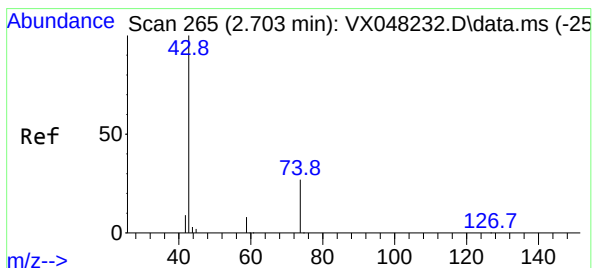
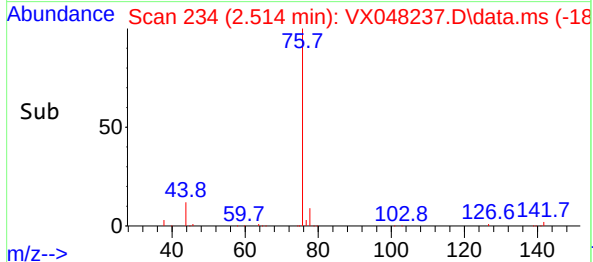
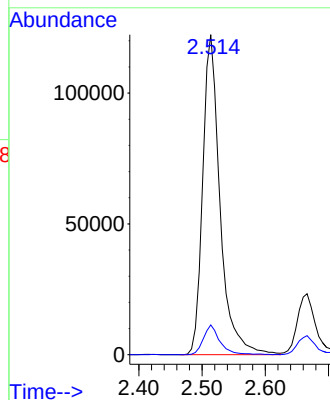
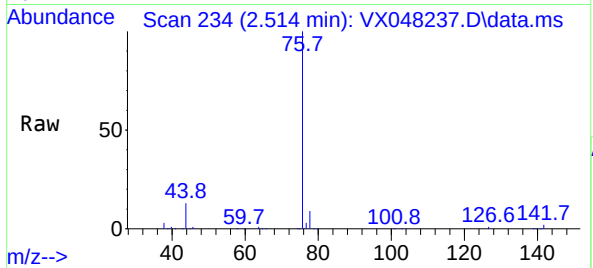




#17
Carbon Disulfide
Concen: 48.792 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

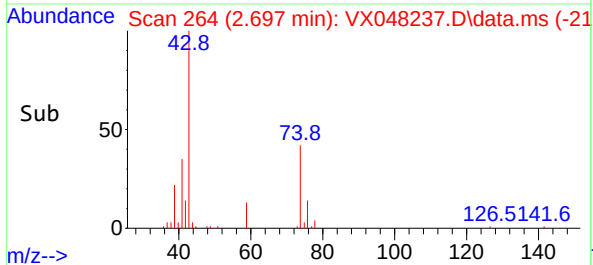
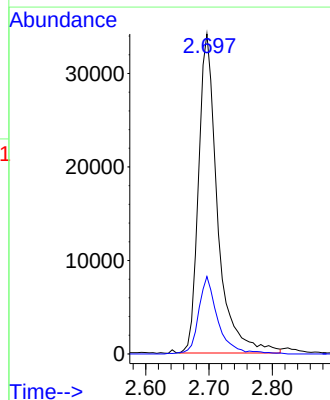
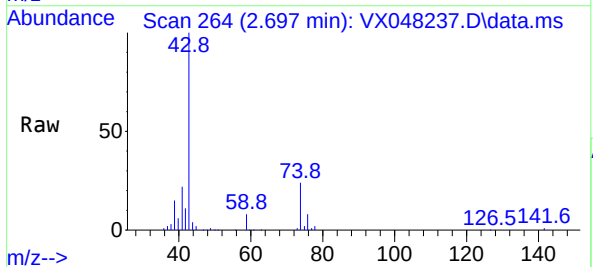
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

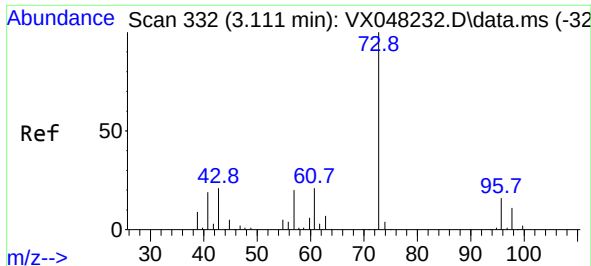
Tgt Ion: 76 Resp: 233630
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



#18
Methyl Acetate
Concen: 49.190 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 43 Resp: 71506
Ion Ratio Lower Upper
43 100
74 24.7 17.5 26.3

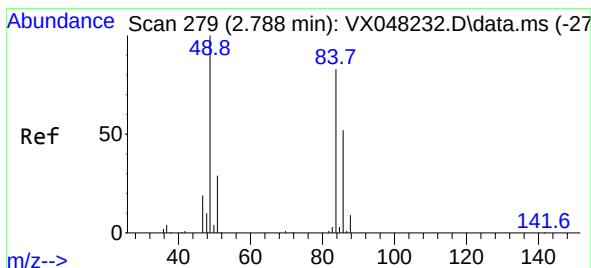
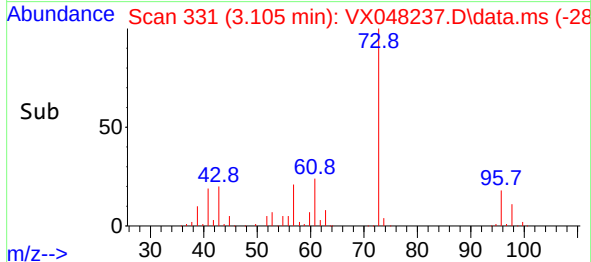
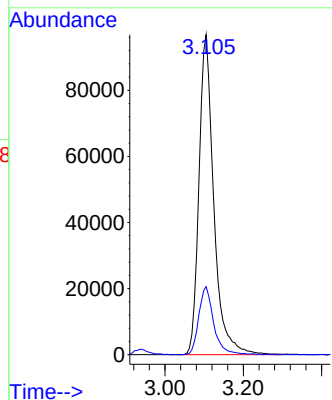
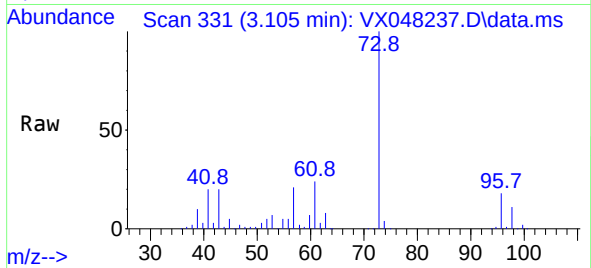




#19
Methyl tert-butyl Ether
Concen: 49.162 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

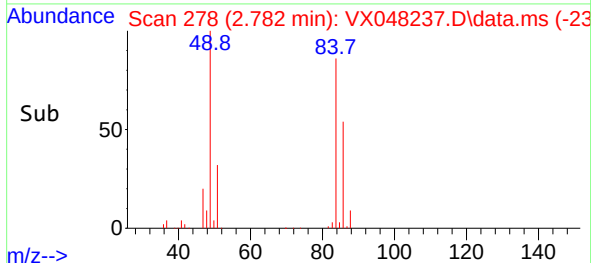
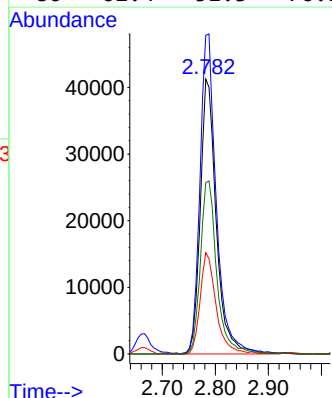
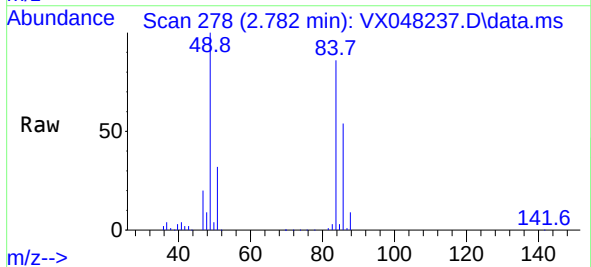
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

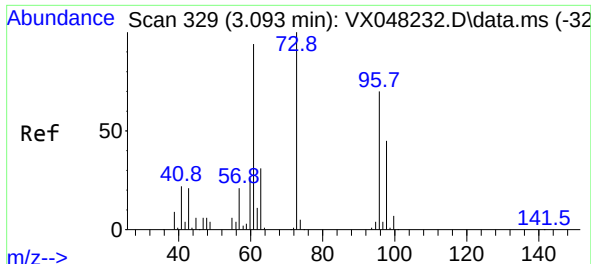
Tgt Ion: 73 Resp: 254812
Ion Ratio Lower Upper
73 100
57 21.2 17.7 26.5



#20
Methylene Chloride
Concen: 51.066 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 84 Resp: 86610
Ion Ratio Lower Upper
84 100
49 116.0 104.1 156.1
51 36.8 31.3 46.9
86 62.4 51.3 76.9

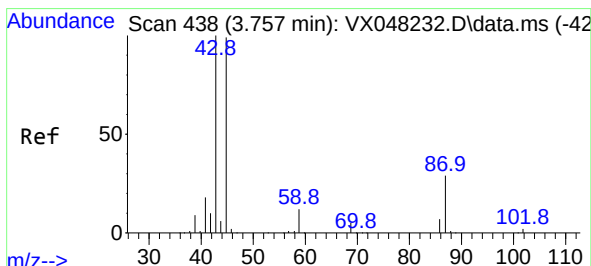
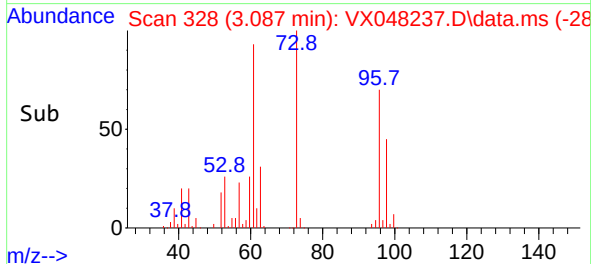
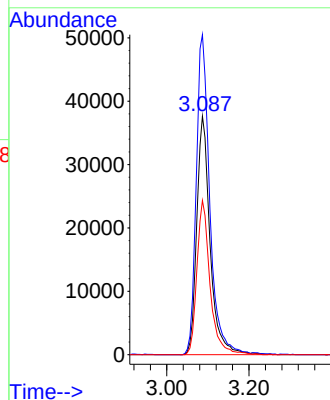
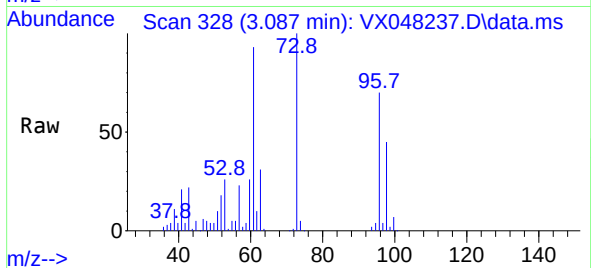




#21
trans-1,2-Dichloroethene
Concen: 50.932 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

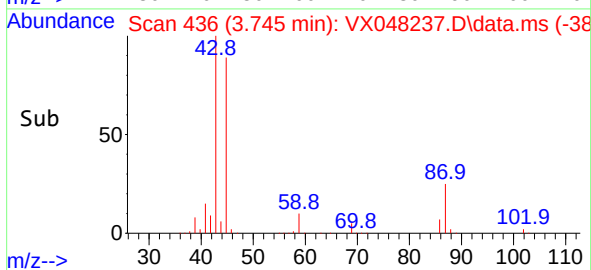
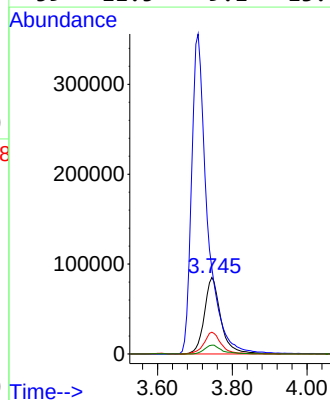
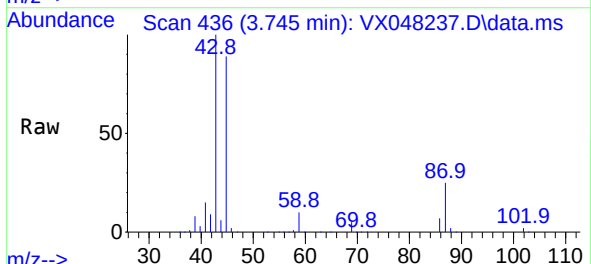
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

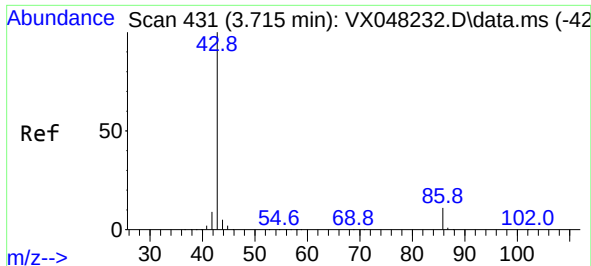
Tgt Ion: 96 Resp: 85000
Ion Ratio Lower Upper
96 100
61 134.2 111.9 167.9
98 64.7 51.2 76.8



#22
Diisopropyl ether
Concen: 51.665 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 45 Resp: 259934
Ion Ratio Lower Upper
45 100
43 111.4 89.8 134.8
87 28.3 20.6 31.0
59 11.5 9.1 13.7

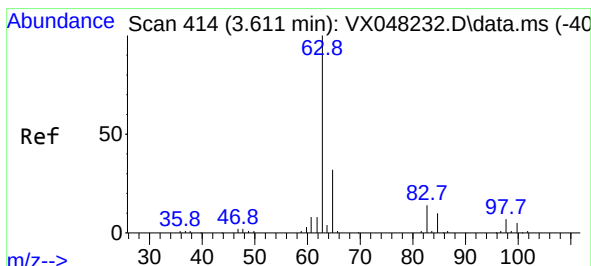
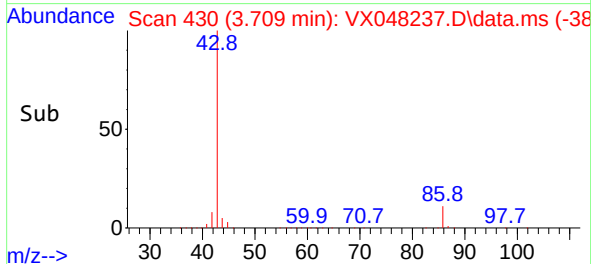
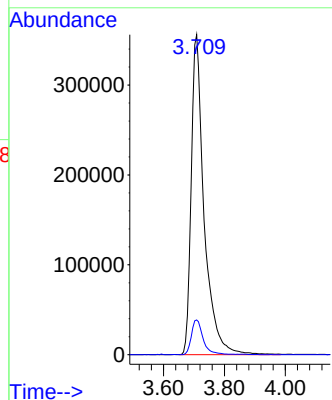
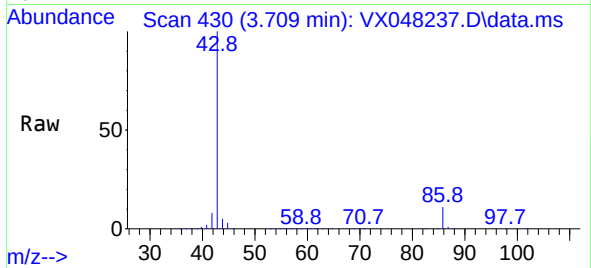




#23
 Vinyl Acetate
 Concen: 260.168 ug/l
 RT: 3.709 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX048237.D
 Acq: 20 Oct 2025 14:28

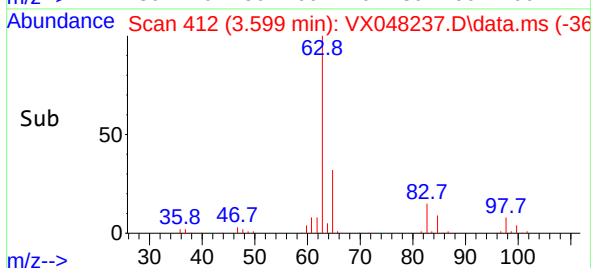
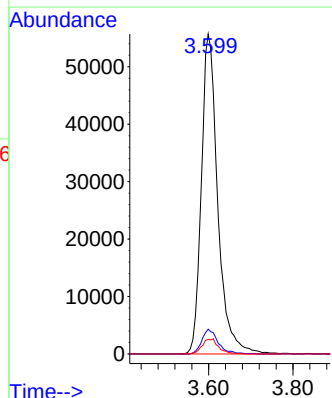
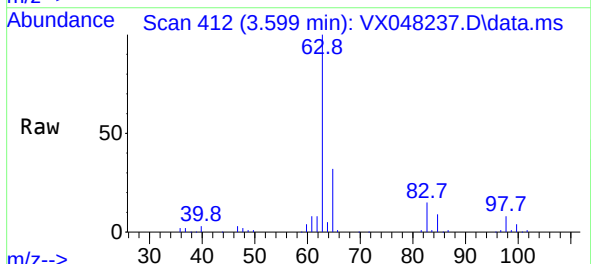
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102025

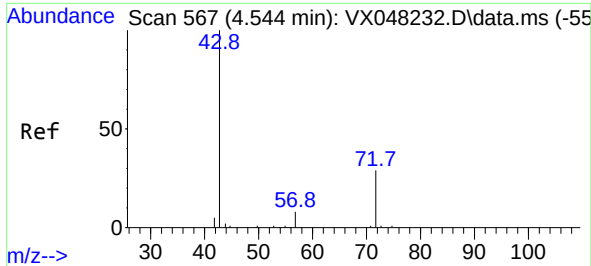
Tgt Ion: 43 Resp: 1045584
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 49.490 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX048237.D
 Acq: 20 Oct 2025 14:28

Tgt Ion: 63 Resp: 150557
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.5 10.6
 100 4.5 2.1 6.3





#25

2-Butanone

Concen: 238.354 ug/l

RT: 4.532 min Scan# 5

Delta R.T. -0.006 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

Instrument :

MSVOA_X

ClientSampleId :

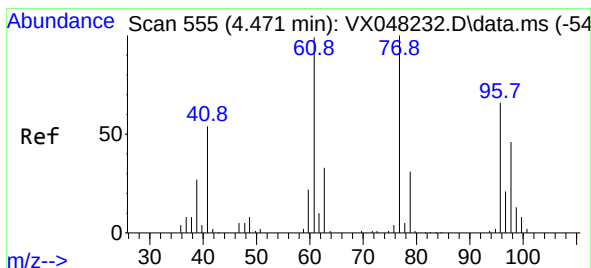
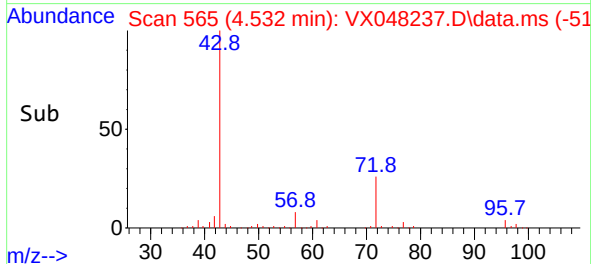
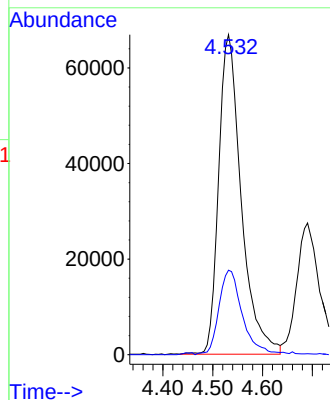
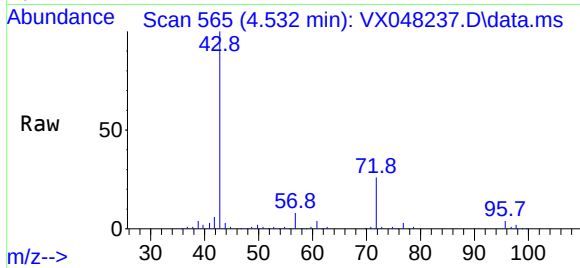
ICVVX102025

Tgt Ion: 43 Resp: 209999

Ion Ratio Lower Upper

43 100

72 26.3 19.9 29.9



#26

2,2-Dichloropropane

Concen: 48.230 ug/l

RT: 4.458 min Scan# 553

Delta R.T. -0.006 min

Lab File: VX048237.D

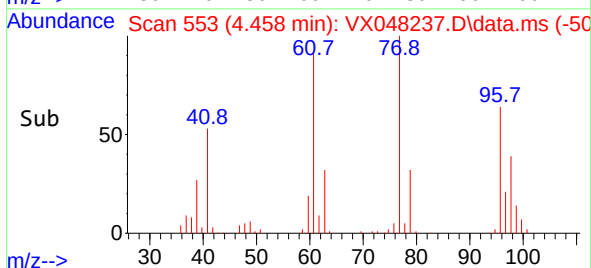
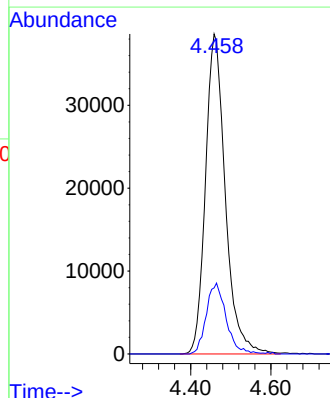
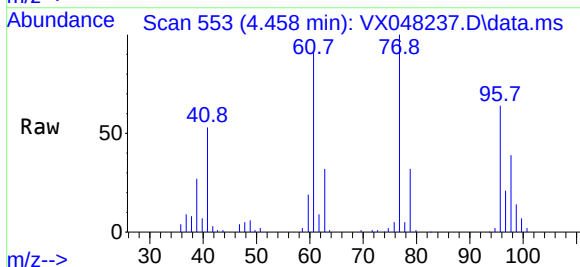
Acq: 20 Oct 2025 14:28

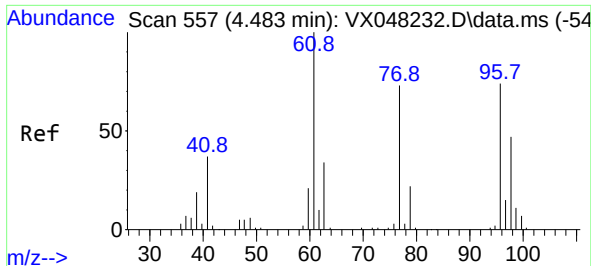
Tgt Ion: 77 Resp: 132433

Ion Ratio Lower Upper

77 100

97 22.1 11.1 33.3

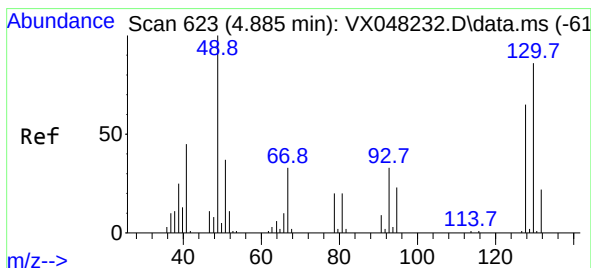
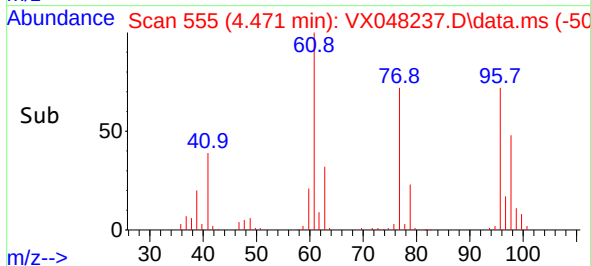
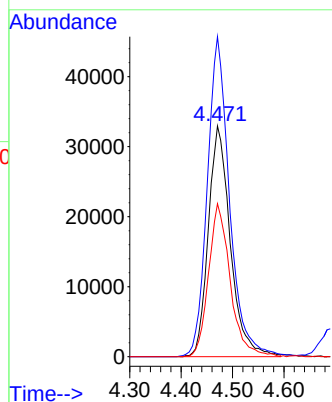
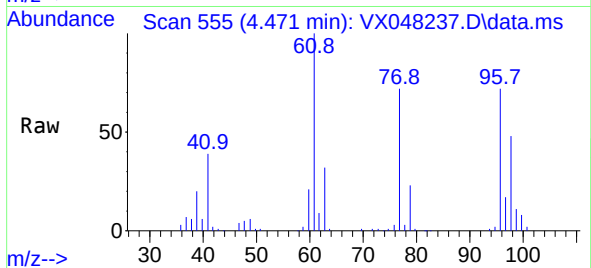




#27
cis-1,2-Dichloroethene
Concen: 50.350 ug/l
RT: 4.471 min Scan# 51
Delta R.T. -0.012 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

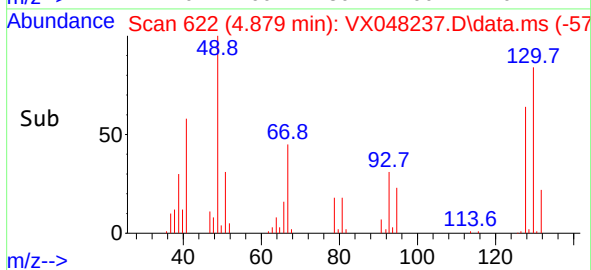
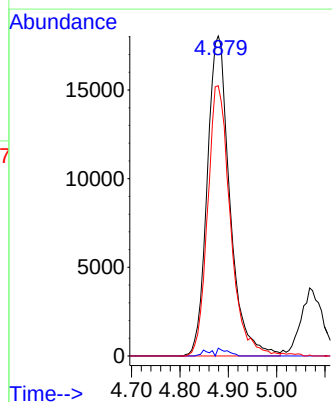
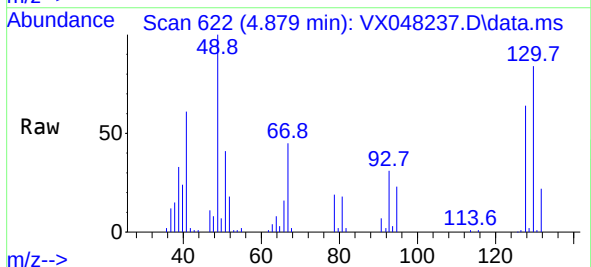
Instrument :
MSVOA_X
ClientSampleId :
ICVX102025

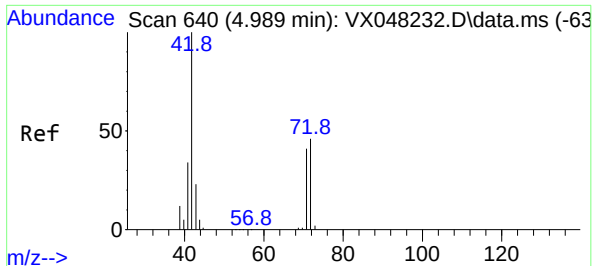
Tgt Ion: 96 Resp: 98066
Ion Ratio Lower Upper
96 100
61 140.3 0.0 294.2
98 65.2 0.0 128.4



#28
Bromochloromethane
Concen: 46.587 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 49 Resp: 58764
Ion Ratio Lower Upper
49 100
129 1.1 0.0 4.4
130 85.1 59.3 88.9

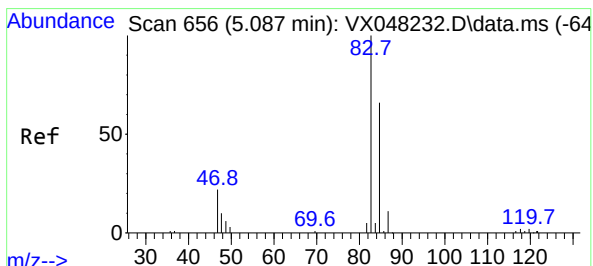
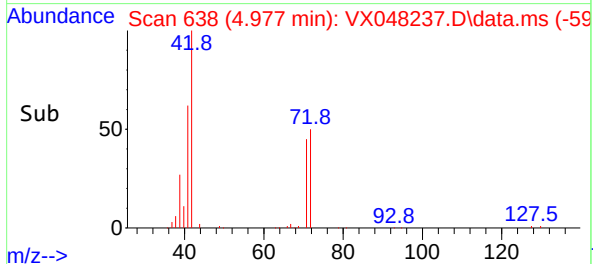
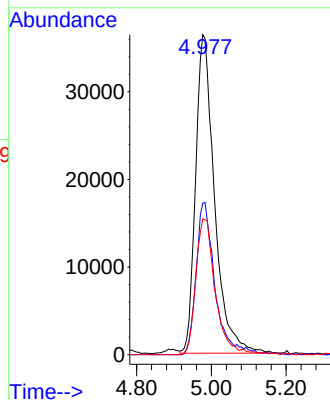
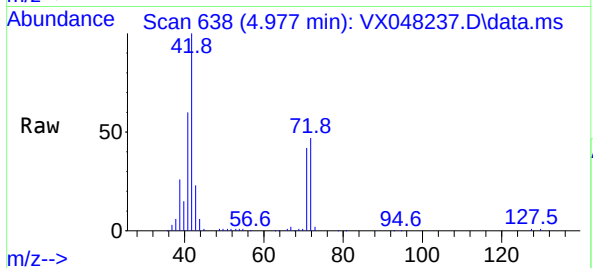




#29
Tetrahydrofuran
Concen: 242.572 ug/l
RT: 4.977 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

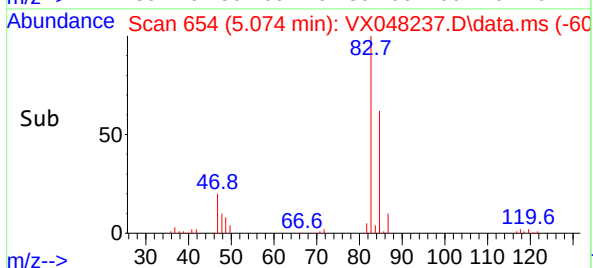
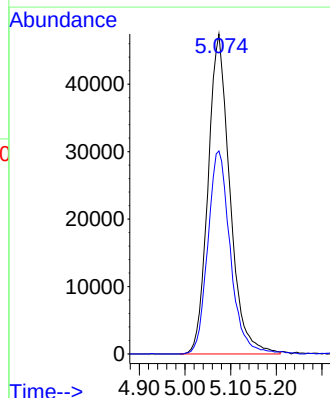
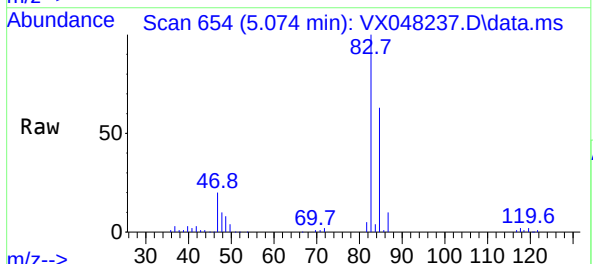
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

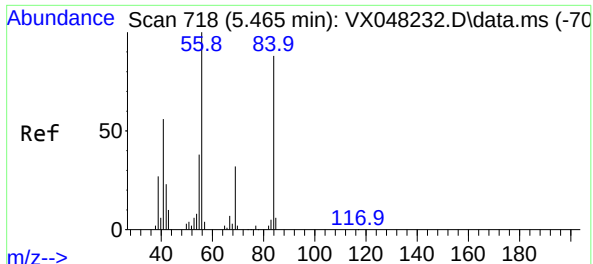
Tgt Ion: 42 Resp: 127995
Ion Ratio Lower Upper
42 100
72 47.4 35.3 52.9
71 43.8 32.2 48.4



#30
Chloroform
Concen: 48.427 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 83 Resp: 157397
Ion Ratio Lower Upper
83 100
85 63.4 50.1 75.1





#31

Cyclohexane

Concen: 52.646 ug/l

RT: 5.458 min Scan# 718

Delta R.T. -0.000 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102025

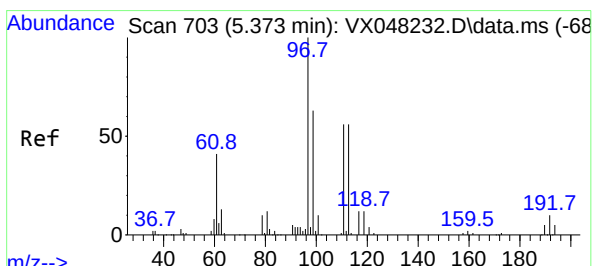
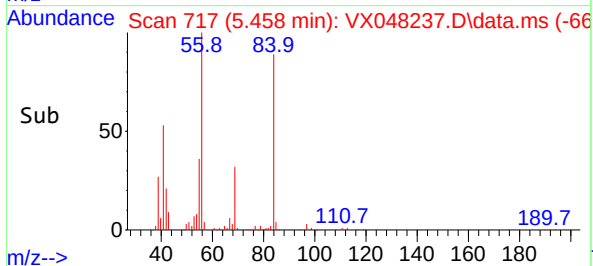
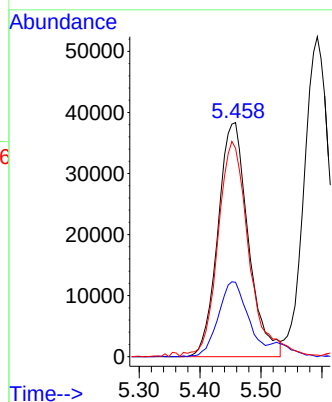
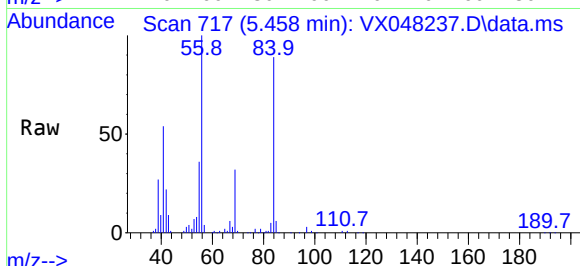
Tgt Ion: 56 Resp: 132594

Ion Ratio Lower Upper

56 100

69 31.8 23.0 34.6

84 88.9 64.6 97.0



#32

1,1,1-Trichloroethane

Concen: 48.309 ug/l

RT: 5.361 min Scan# 701

Delta R.T. -0.012 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

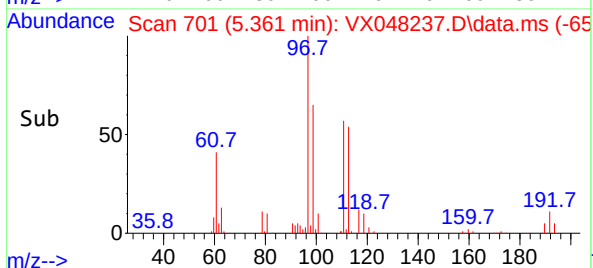
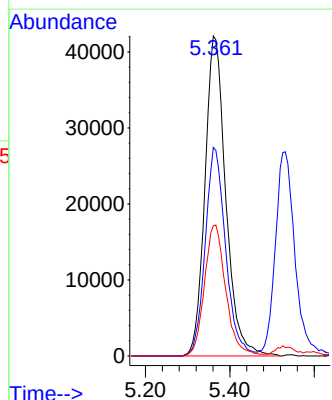
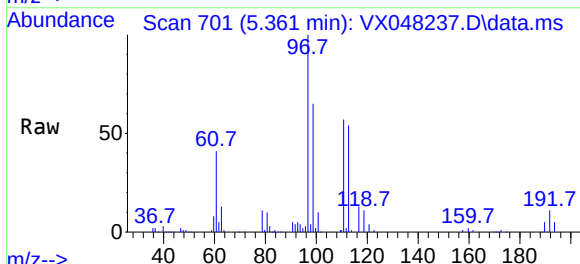
Tgt Ion: 97 Resp: 144706

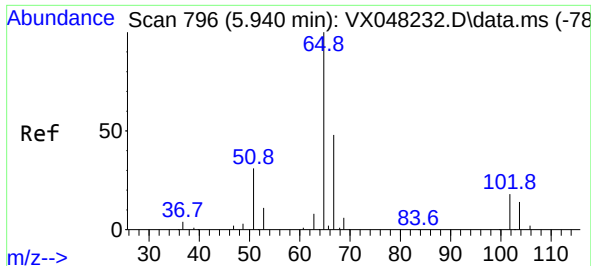
Ion Ratio Lower Upper

97 100

99 64.0 51.7 77.5

61 41.8 34.8 52.2





#33

1,2-Dichloroethane-d4

Concen: 45.687 ug/l

RT: 5.934 min Scan# 796

Delta R.T. -0.006 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

Instrument :

MSVOA_X

ClientSampleId :

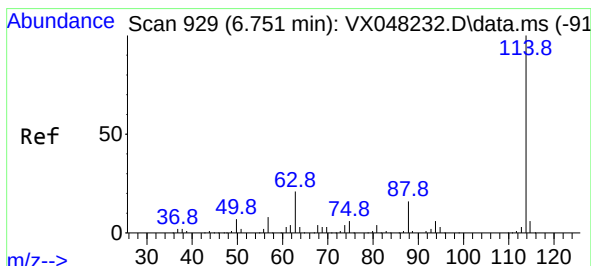
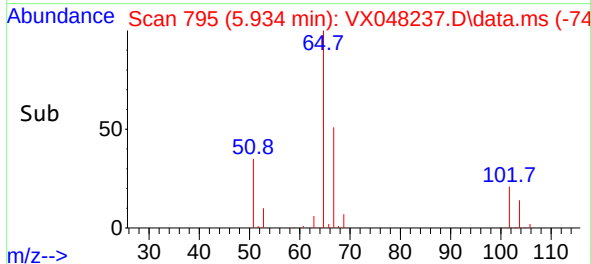
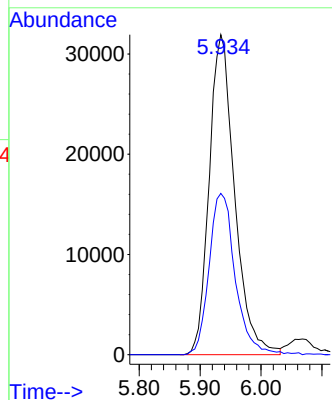
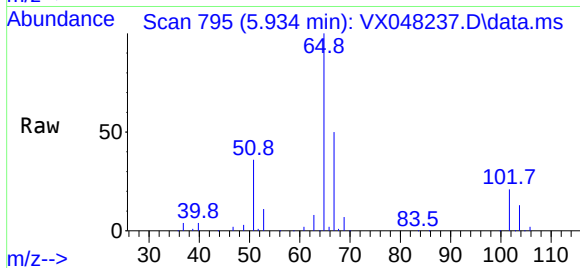
ICVVX102025

Tgt Ion: 65 Resp: 92700

Ion Ratio Lower Upper

65 100

67 51.9 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.739 min Scan# 927

Delta R.T. -0.006 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

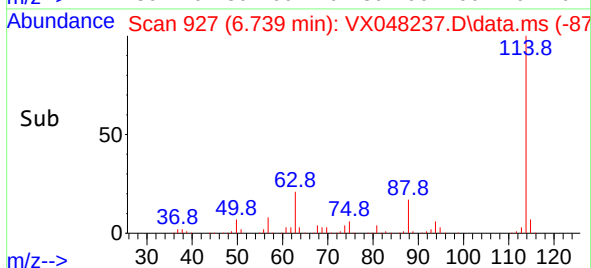
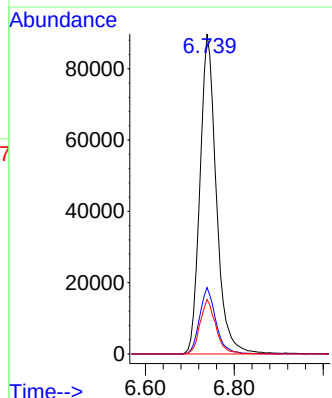
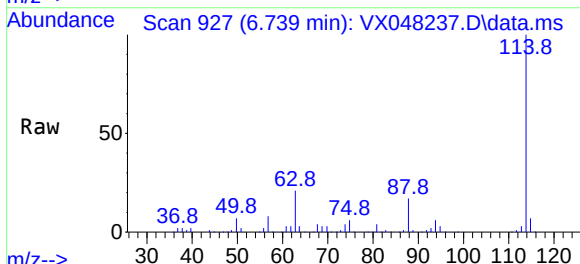
Tgt Ion: 114 Resp: 229650

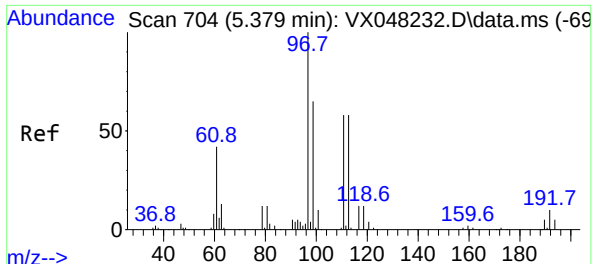
Ion Ratio Lower Upper

114 100

63 23.6 0.0 43.2

88 17.0 0.0 33.6

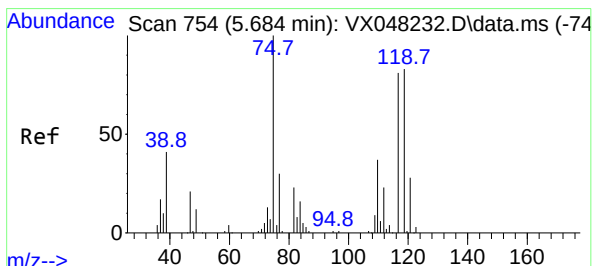
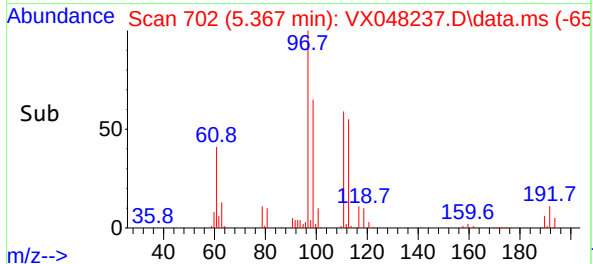
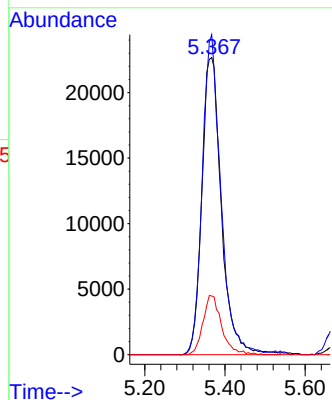
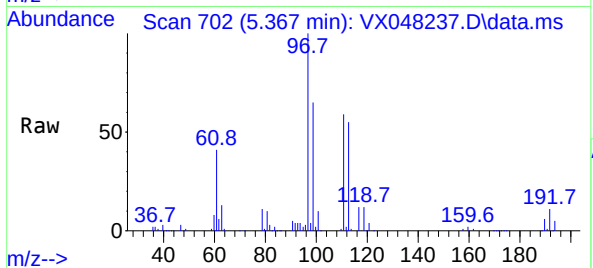




#35
 Dibromofluoromethane
 Concen: 48.951 ug/l
 RT: 5.367 min Scan# 704
 Delta R.T. -0.006 min
 Lab File: VX048237.D
 Acq: 20 Oct 2025 14:28

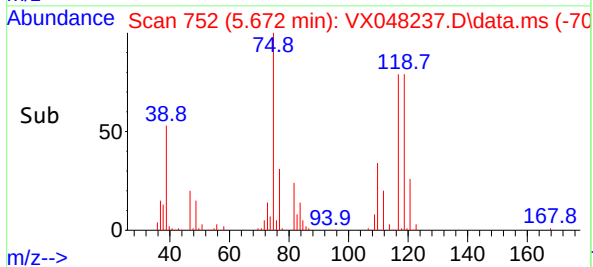
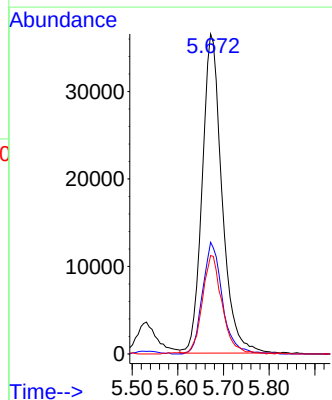
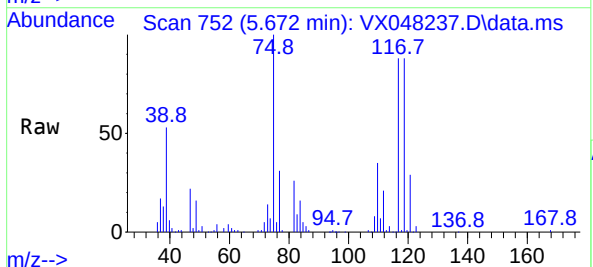
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102025

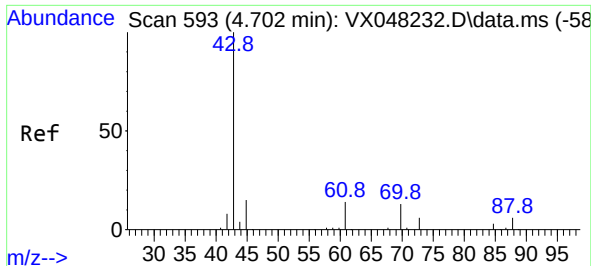
Tgt Ion:113 Resp: 76746
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.2 123.4
 192 19.0 15.1 22.7



#36
 1,1-Dichloropropene
 Concen: 49.344 ug/l
 RT: 5.672 min Scan# 752
 Delta R.T. -0.012 min
 Lab File: VX048237.D
 Acq: 20 Oct 2025 14:28

Tgt Ion: 75 Resp: 109957
 Ion Ratio Lower Upper
 75 100
 110 35.0 17.7 53.1
 77 30.4 24.3 36.5





#37

Ethyl Acetate

Concen: 47.684 ug/l

RT: 4.690 min Scan# 591

Delta R.T. -0.006 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

Instrument :

MSVOA_X

ClientSampleId :

ICVX102025

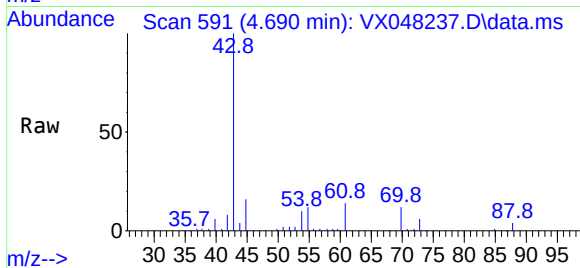
Tgt Ion: 43 Resp: 88074

Ion Ratio Lower Upper

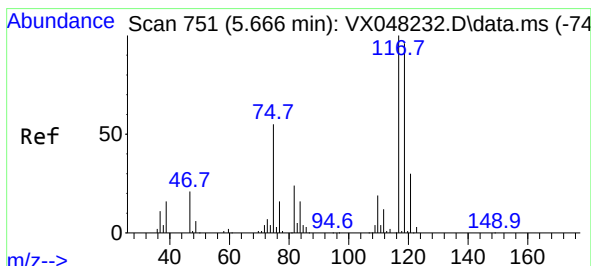
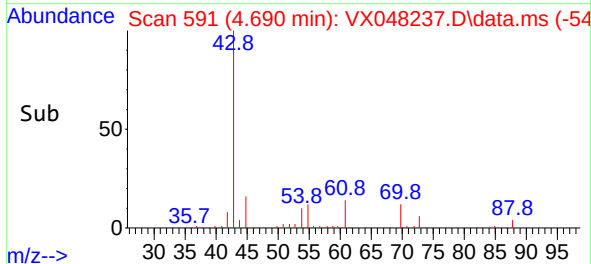
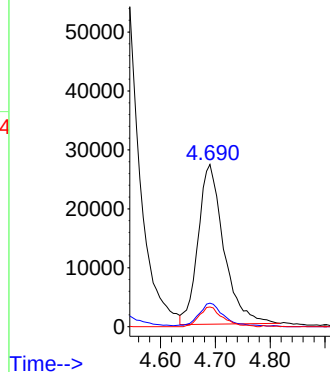
43 100

61 13.4 10.6 15.8

70 11.2 7.8 11.6



Abundance



#38

Carbon Tetrachloride

Concen: 48.228 ug/l

RT: 5.659 min Scan# 750

Delta R.T. -0.006 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

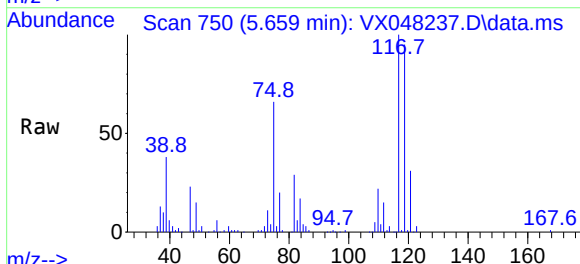
Tgt Ion: 117 Resp: 132590

Ion Ratio Lower Upper

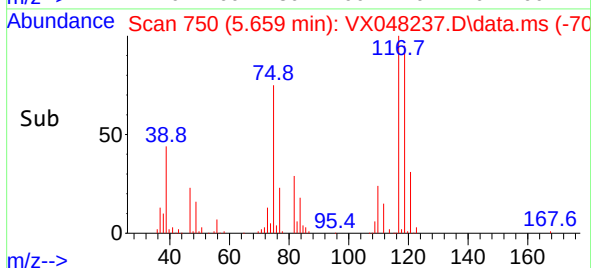
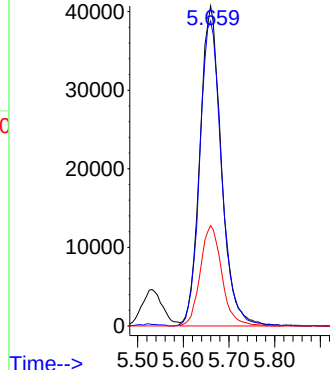
117 100

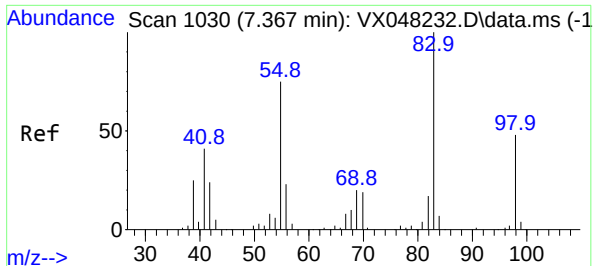
119 95.1 77.2 115.8

121 31.4 24.8 37.2



Abundance





#39

Methylcyclohexane

Concen: 52.670 ug/l

RT: 7.360 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

Instrument :

MSVOA_X

ClientSampleId :

ICVX102025

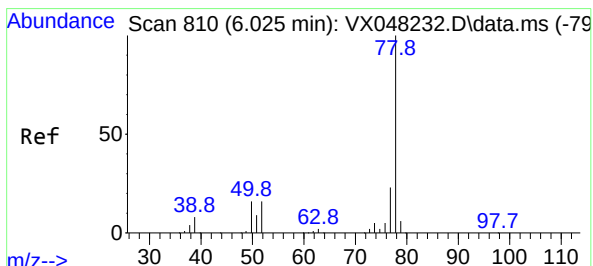
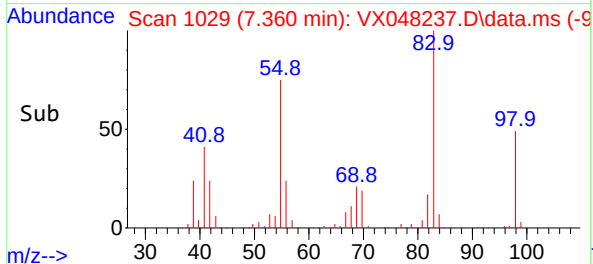
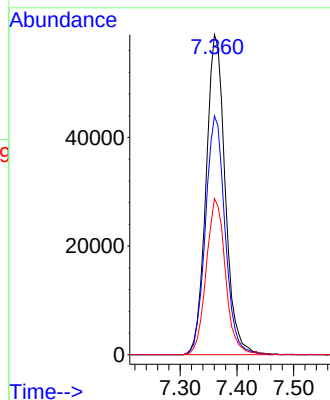
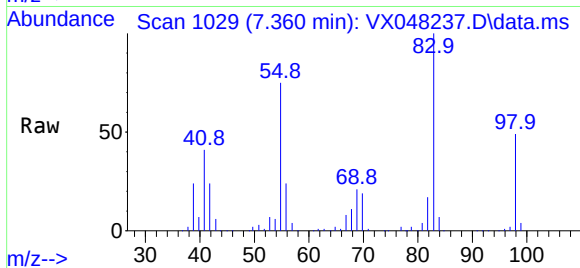
Tgt Ion: 83 Resp: 138611

Ion Ratio Lower Upper

83 100

55 74.6 66.2 99.2

98 48.8 38.9 58.3



#40

Benzene

Concen: 50.241 ug/l

RT: 6.019 min Scan# 809

Delta R.T. -0.006 min

Lab File: VX048237.D

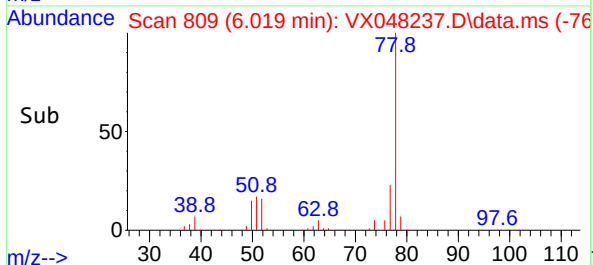
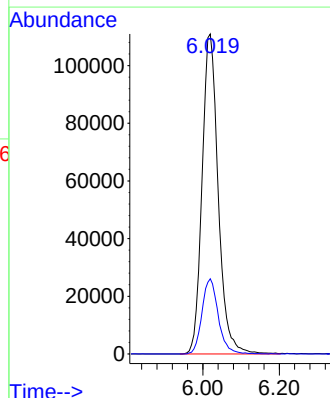
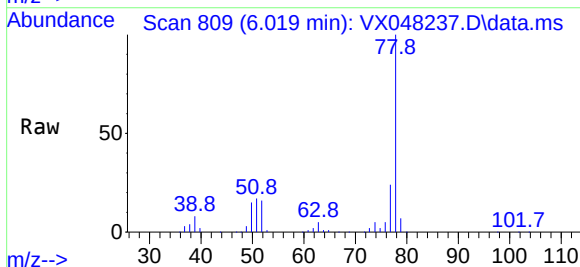
Acq: 20 Oct 2025 14:28

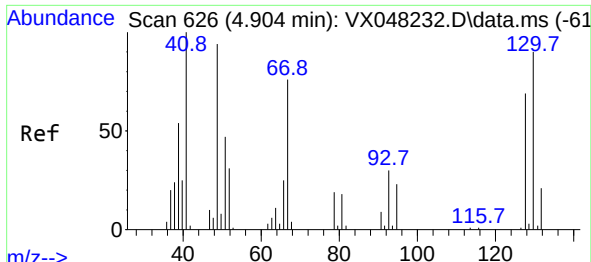
Tgt Ion: 78 Resp: 325041

Ion Ratio Lower Upper

78 100

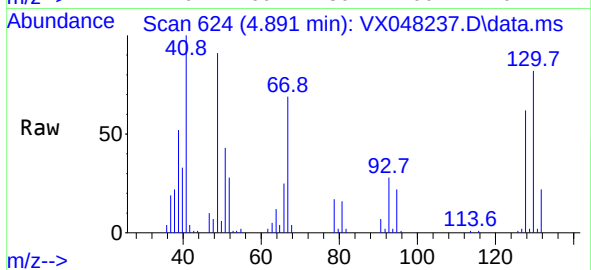
77 23.5 19.3 28.9





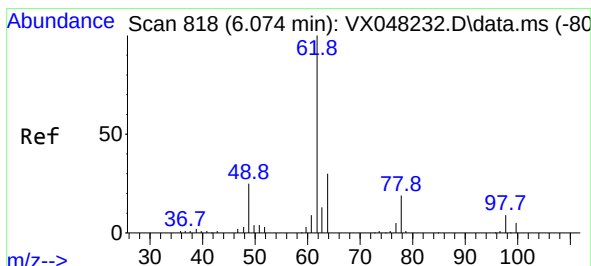
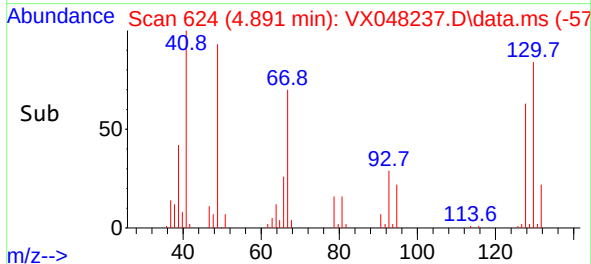
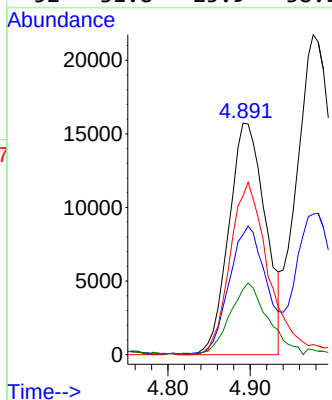
#41
Methacrylonitrile
Concen: 50.358 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025



Tgt Ion: 41 Resp: 48846

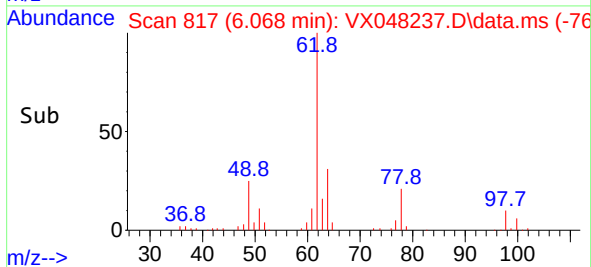
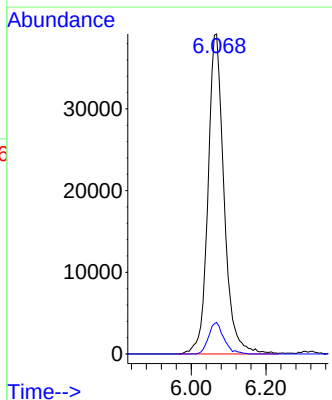
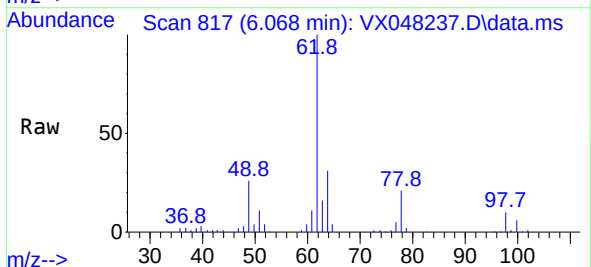
Ion	Ratio	Lower	Upper
41	100		
39	57.6	44.0	66.0
67	80.7	58.7	88.1
52	31.8	25.9	38.9

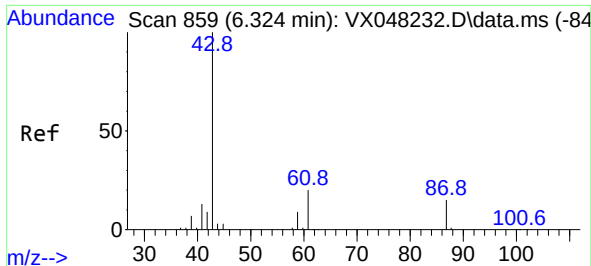


#42
1,2-Dichloroethane
Concen: 48.963 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 62 Resp: 116893

Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	17.2

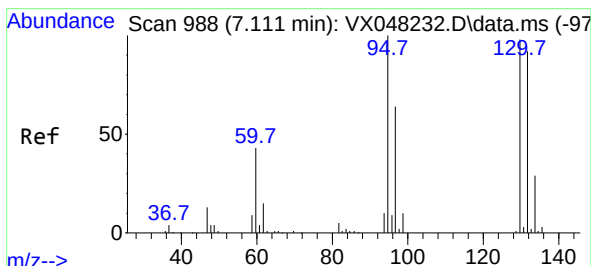
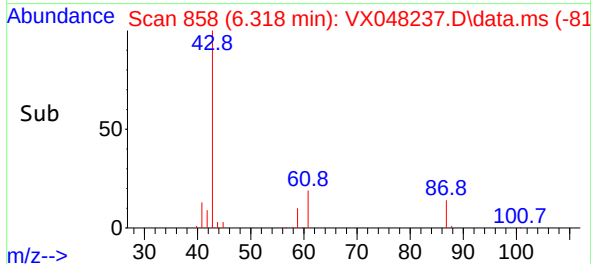
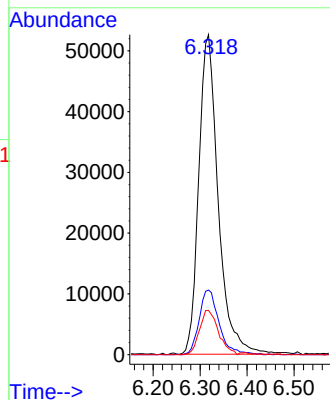
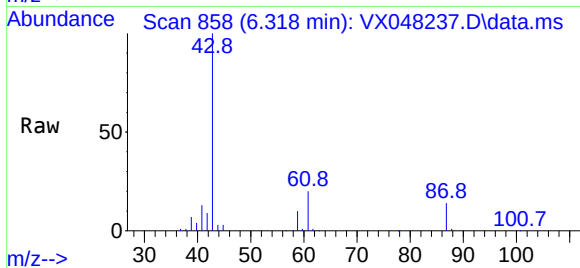




#43
Isopropyl Acetate
Concen: 49.816 ug/l
RT: 6.318 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

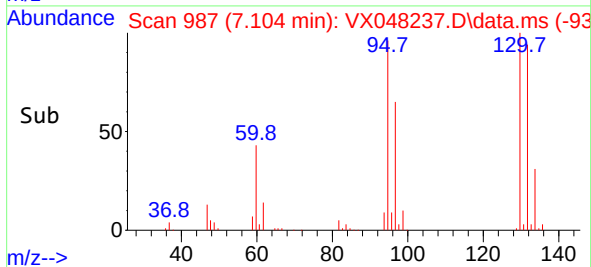
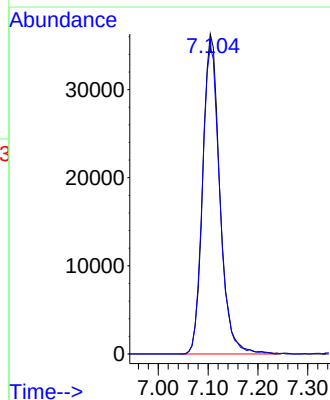
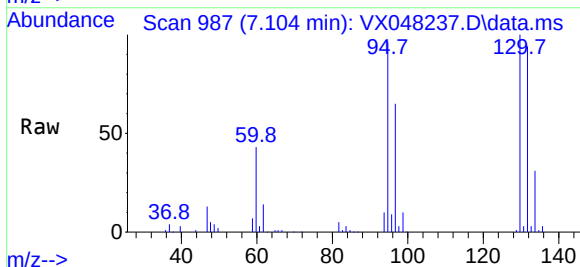
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

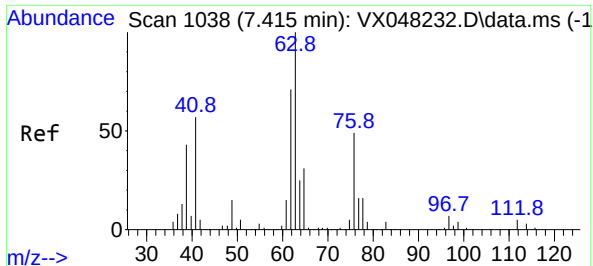
Tgt Ion: 43 Resp: 151140
Ion Ratio Lower Upper
43 100
61 20.7 14.9 22.3
87 13.5 9.4 14.2



#44
Trichloroethene
Concen: 50.582 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:130 Resp: 86410
Ion Ratio Lower Upper
130 100
95 96.2 0.0 200.6





#45

1,2-Dichloropropane

Concen: 50.994 ug/l

RT: 7.409 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

Instrument :

MSVOA_X

ClientSampleId :

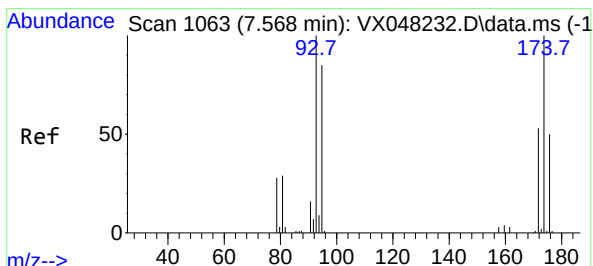
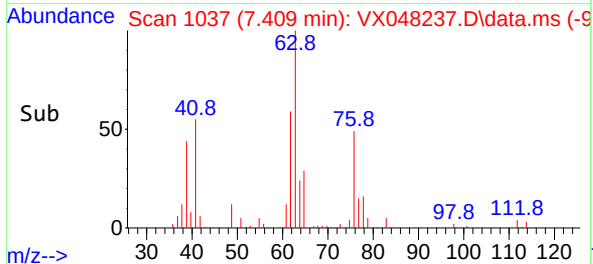
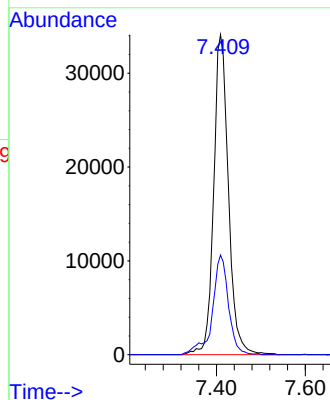
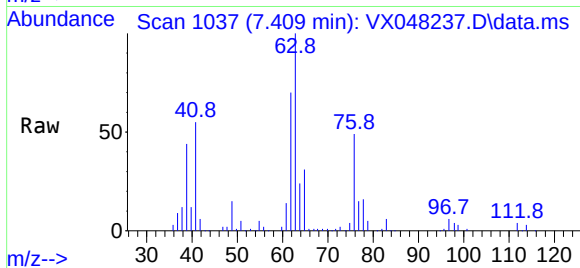
ICVX102025

Tgt Ion: 63 Resp: 78439

Ion Ratio Lower Upper

63 100

65 31.1 24.1 36.1



#46

Dibromomethane

Concen: 48.913 ug/l

RT: 7.562 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

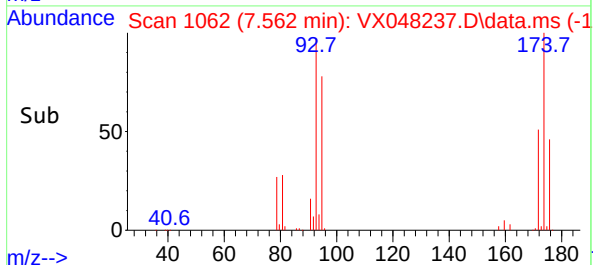
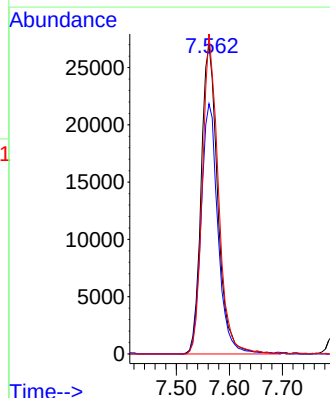
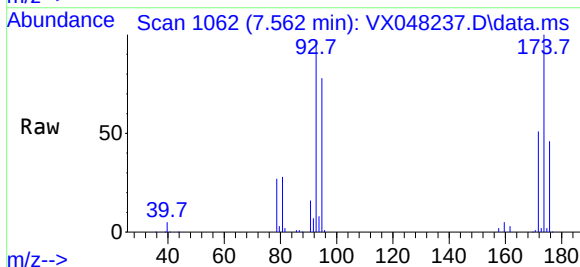
Tgt Ion: 93 Resp: 58616

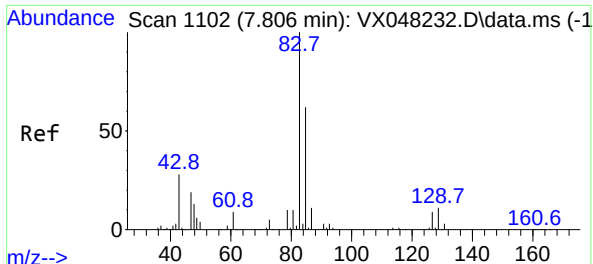
Ion Ratio Lower Upper

93 100

95 81.4 65.9 98.9

174 99.2 71.7 107.5

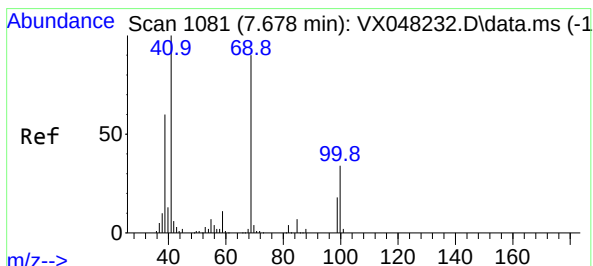
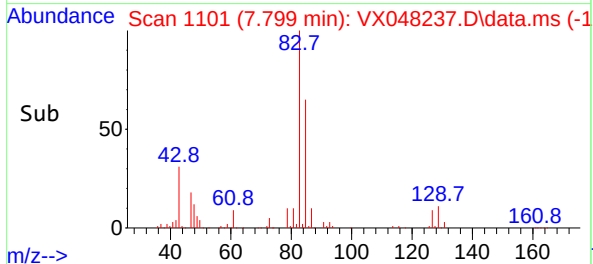
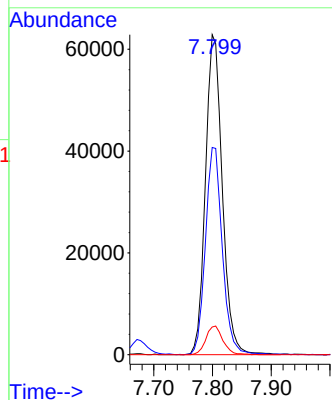
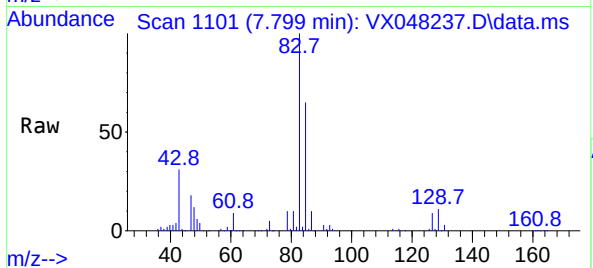




#47
Bromodichloromethane
Concen: 48.459 ug/l
RT: 7.799 min Scan# 1102
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

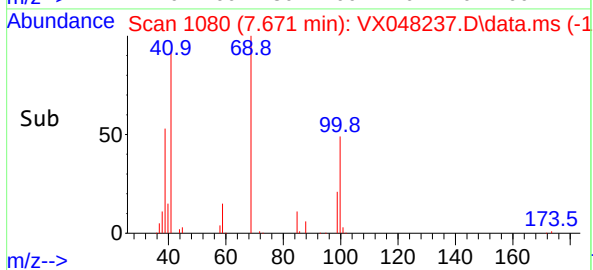
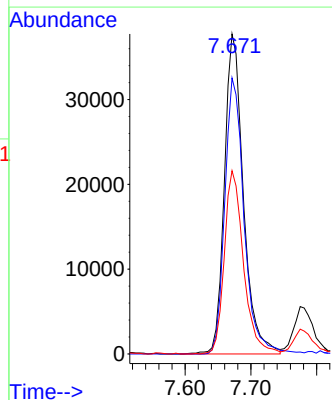
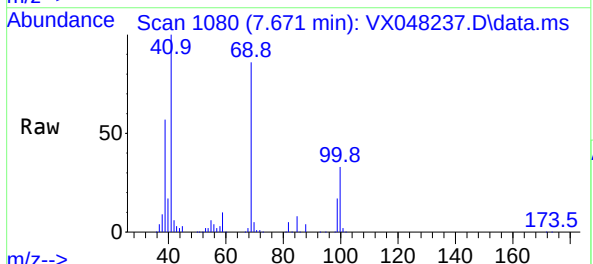
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

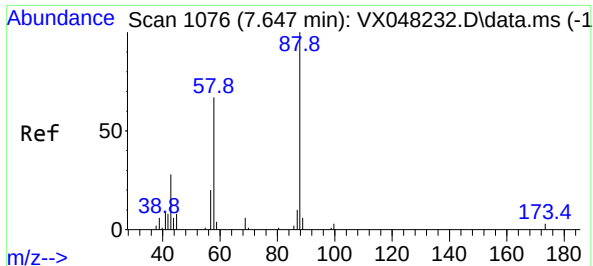
Tgt Ion: 83 Resp: 125388
Ion Ratio Lower Upper
83 100
85 64.7 52.2 78.4
127 8.7 7.3 10.9



#48
Methyl methacrylate
Concen: 49.519 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 41 Resp: 75812
Ion Ratio Lower Upper
41 100
69 87.7 63.4 95.0
39 58.0 47.1 70.7





#49

1,4-Dioxane

Concen: 1000.197 ug/l

RT: 7.635 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102025

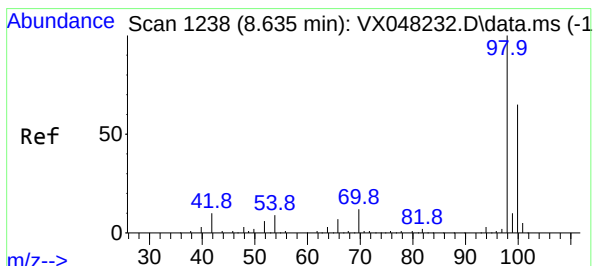
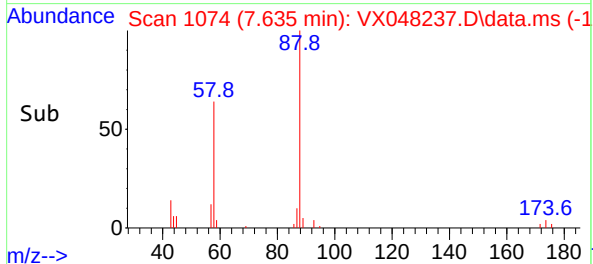
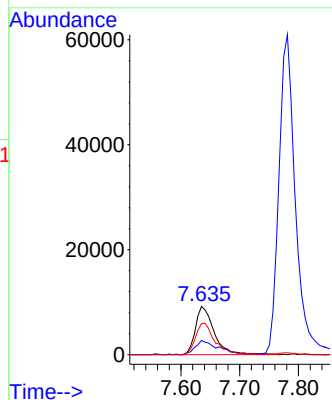
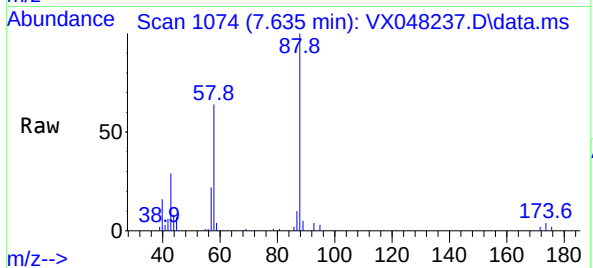
Tgt Ion: 88 Resp: 20230

Ion Ratio Lower Upper

88 100

43 37.8 35.0 52.4

58 67.9 61.9 92.9



#50

Toluene-d8

Concen: 48.386 ug/l

RT: 8.628 min Scan# 1237

Delta R.T. -0.006 min

Lab File: VX048237.D

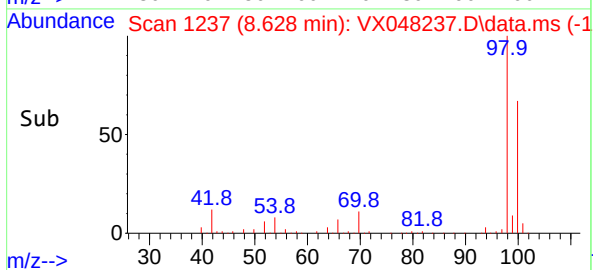
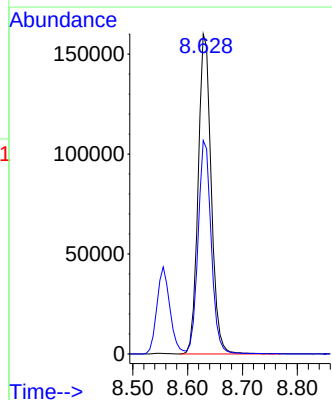
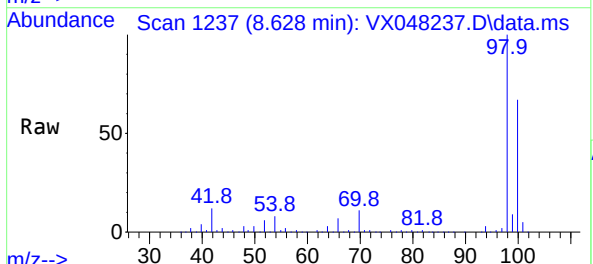
Acq: 20 Oct 2025 14:28

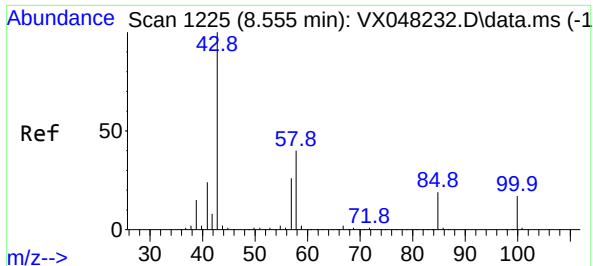
Tgt Ion: 98 Resp: 265898

Ion Ratio Lower Upper

98 100

100 66.6 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 244.897 ug/l

RT: 8.555 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

Instrument :

MSVOA_X

ClientSampleId :

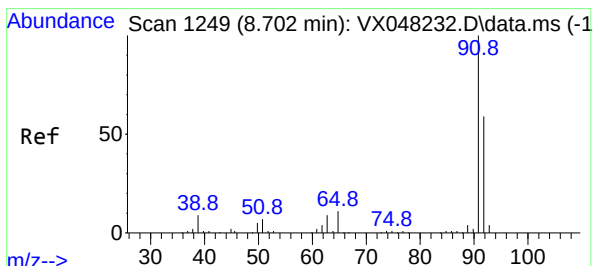
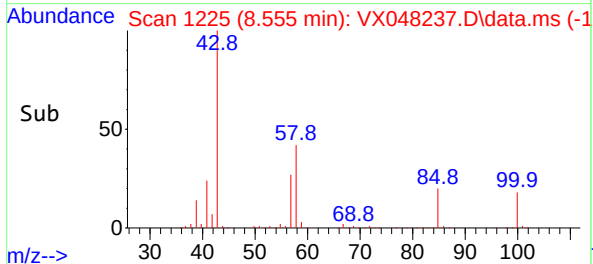
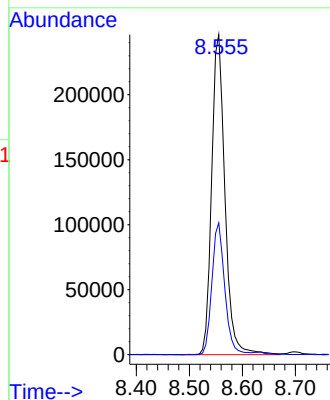
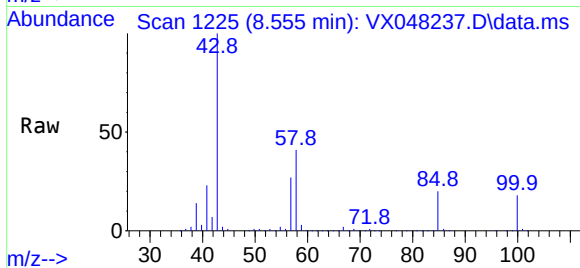
ICVVX102025

Tgt Ion: 43 Resp: 428393

Ion Ratio Lower Upper

43 100

58 39.9 29.5 44.3



#52

Toluene

Concen: 50.088 ug/l

RT: 8.702 min Scan# 1249

Delta R.T. -0.000 min

Lab File: VX048237.D

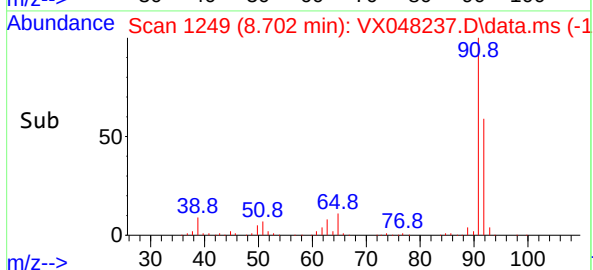
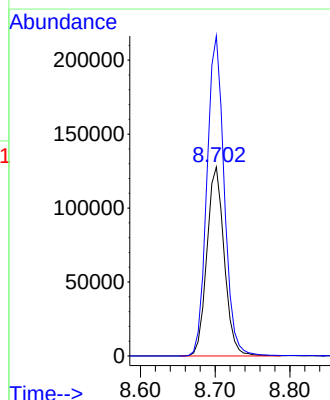
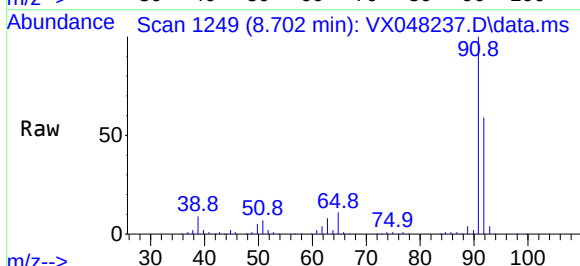
Acq: 20 Oct 2025 14:28

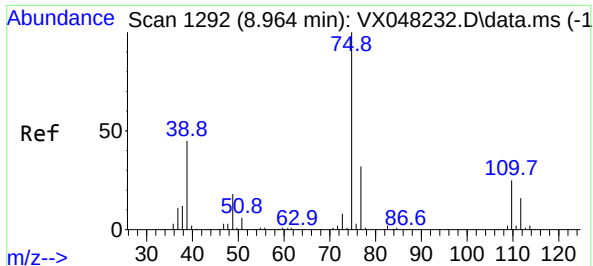
Tgt Ion: 92 Resp: 205867

Ion Ratio Lower Upper

92 100

91 169.0 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 50.004 ug/l

RT: 8.958 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

Instrument :

MSVOA_X

ClientSampleId :

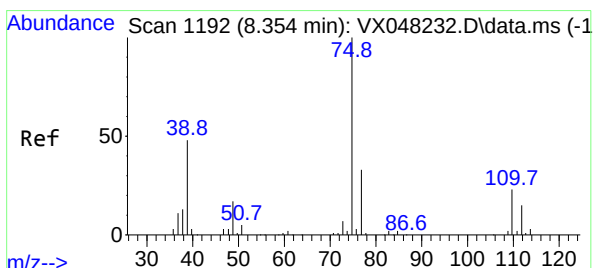
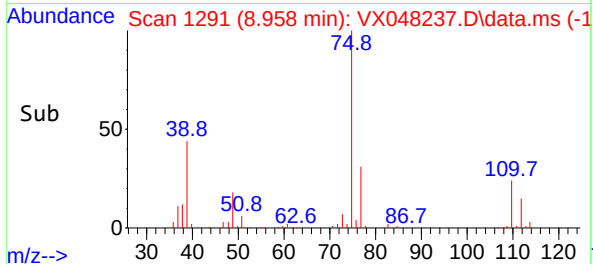
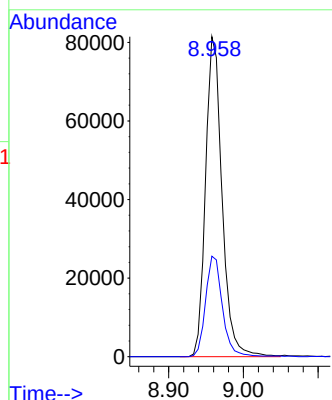
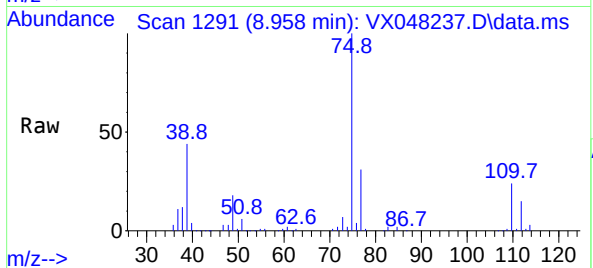
ICVX102025

Tgt Ion: 75 Resp: 124683

Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 49.944 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. -0.000 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

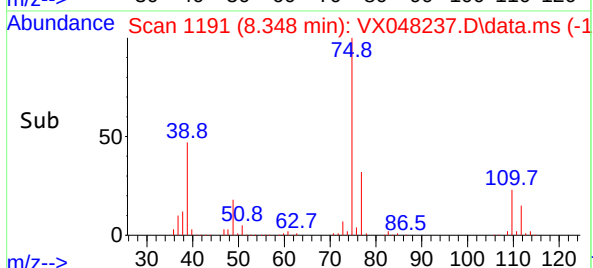
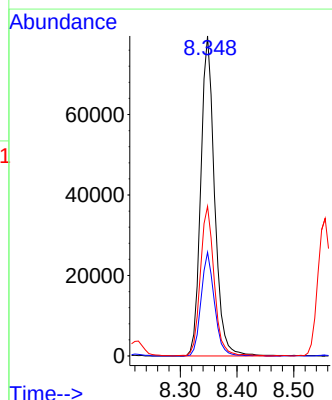
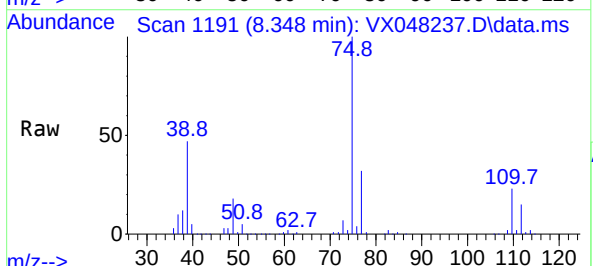
Tgt Ion: 75 Resp: 134360

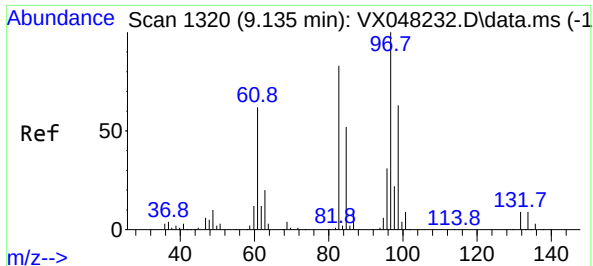
Ion Ratio Lower Upper

75 100

77 32.4 24.9 37.3

39 46.7 42.6 64.0



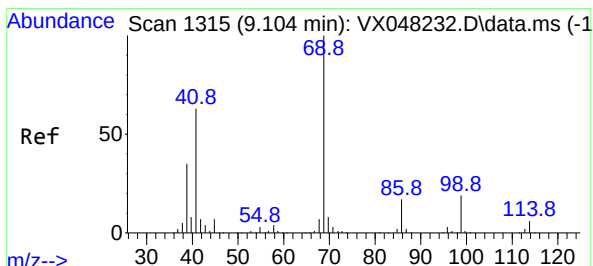
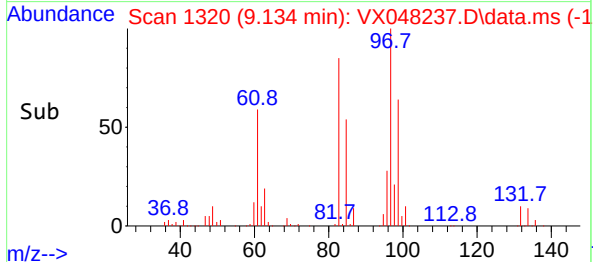
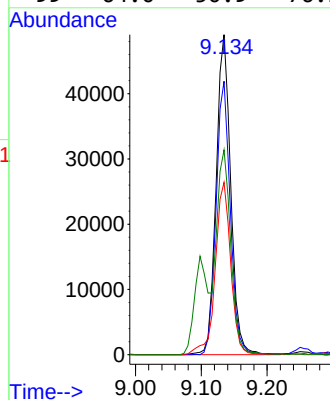
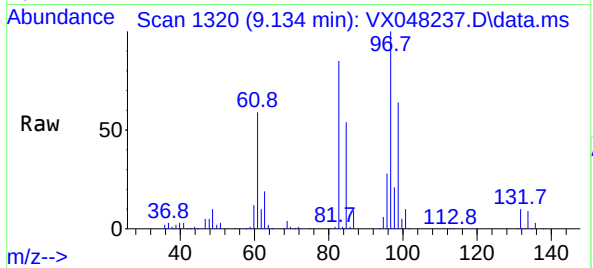


#55
1,1,2-Trichloroethane
Concen: 49.597 ug/l
RT: 9.134 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion: 97 Resp: 75808

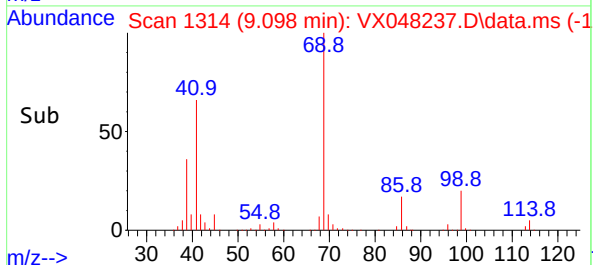
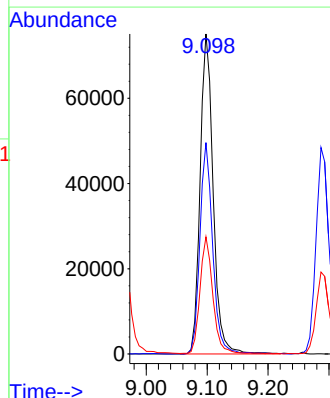
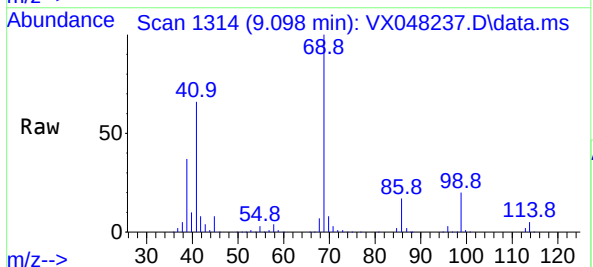
Ion	Ratio	Lower	Upper
97	100		
83	85.5	70.6	105.8
85	53.9	45.0	67.6
99	64.0	50.9	76.3

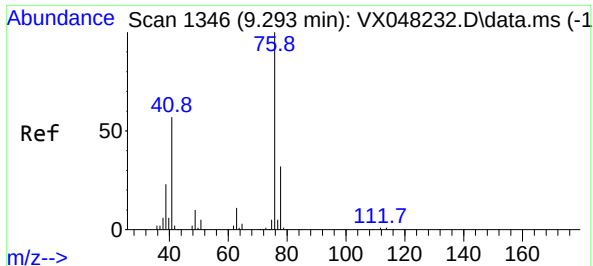


#56
Ethyl methacrylate
Concen: 49.964 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 69 Resp: 111702

Ion	Ratio	Lower	Upper
69	100		
41	65.1	56.0	84.0
39	36.0	31.6	47.4

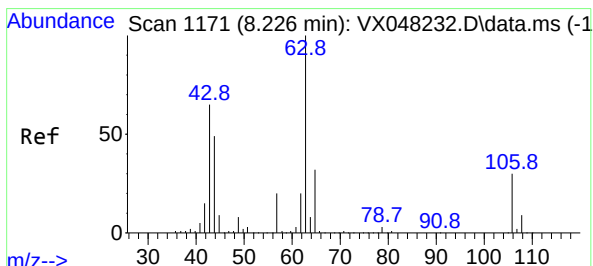
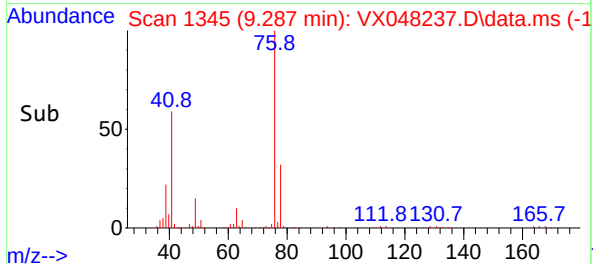
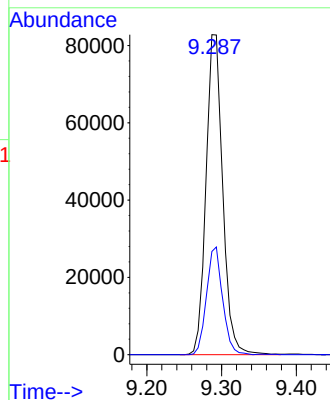
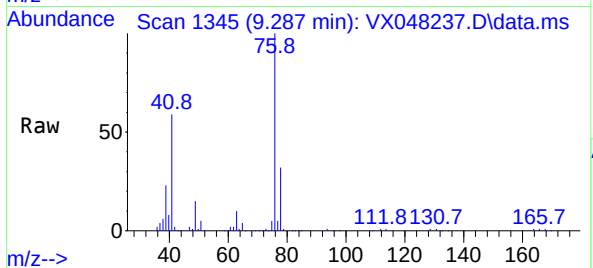




#57
1,3-Dichloropropane
Concen: 49.226 ug/l
RT: 9.287 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

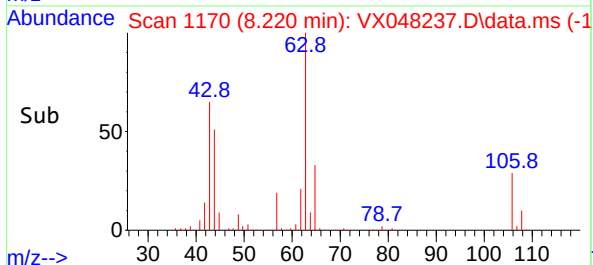
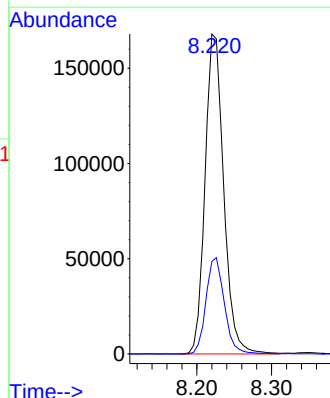
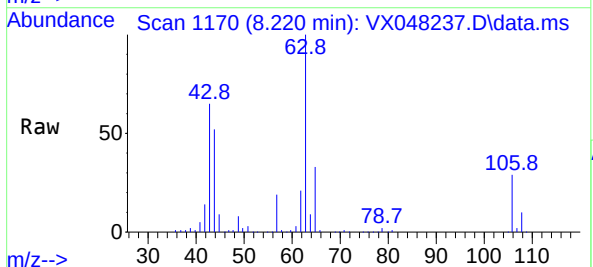
Instrument :
MSVOA_X
ClientSampleId :
ICVX102025

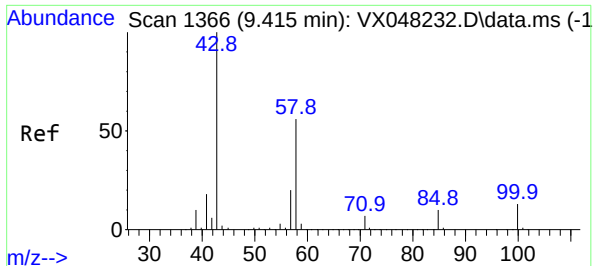
Tgt Ion: 76 Resp: 128519
Ion Ratio Lower Upper
76 100
78 32.4 25.4 38.0



#58
2-Chloroethyl Vinyl ether
Concen: 242.124 ug/l
RT: 8.220 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 63 Resp: 290992
Ion Ratio Lower Upper
63 100
106 29.6 22.2 33.2

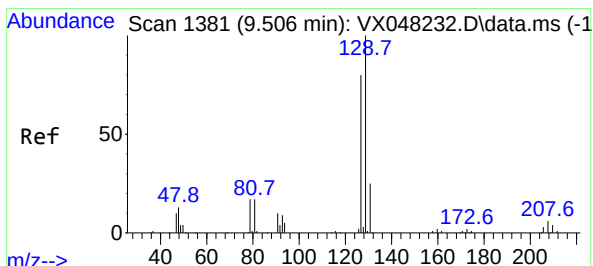
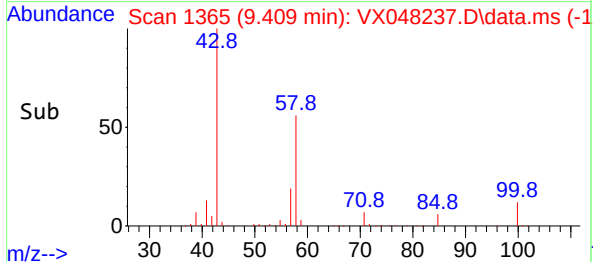
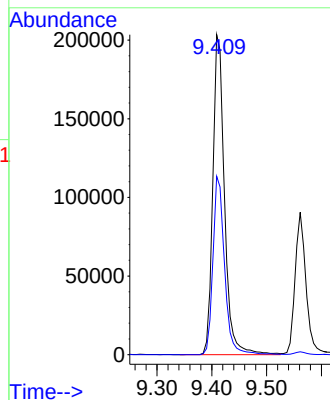
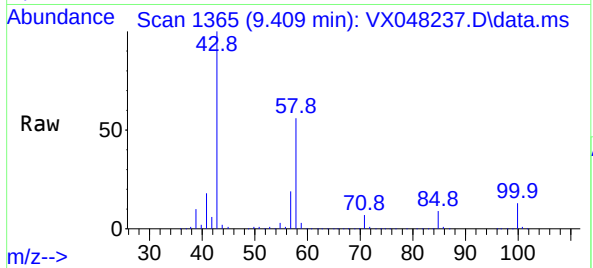




#59
2-Hexanone
Concen: 246.102 ug/l
RT: 9.409 min Scan# 1365
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

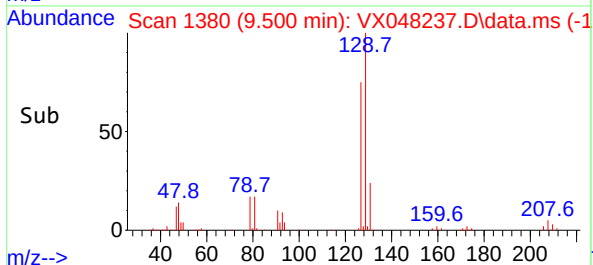
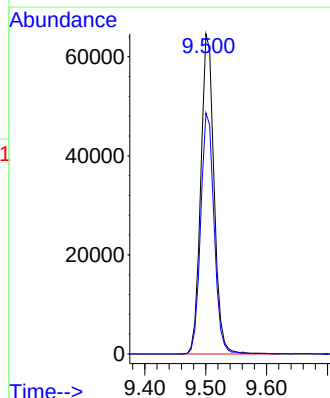
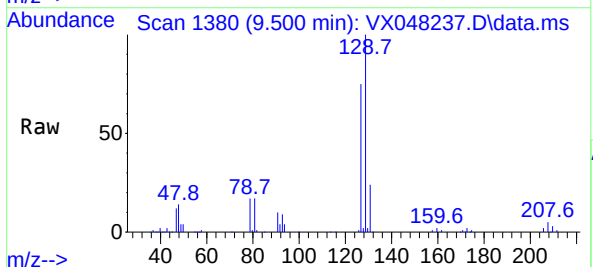
Instrument :
MSVOA_X
ClientSampleId :
ICVX102025

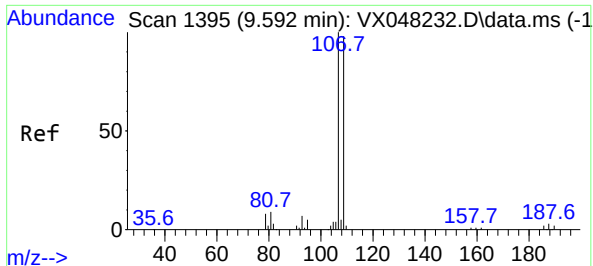
Tgt Ion: 43 Resp: 300183
Ion Ratio Lower Upper
43 100
58 55.6 26.3 78.8



#60
Dibromochloromethane
Concen: 47.530 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:129 Resp: 97643
Ion Ratio Lower Upper
129 100
127 76.2 38.6 115.7

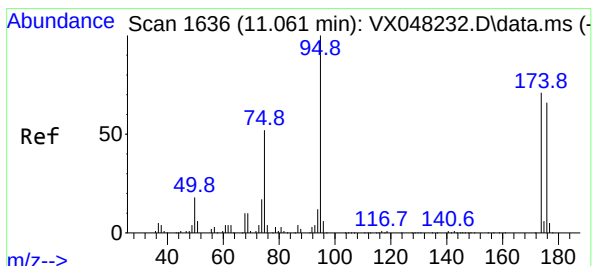
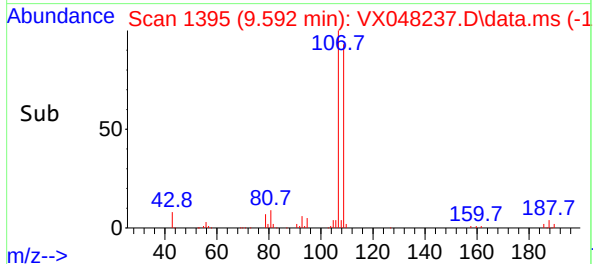
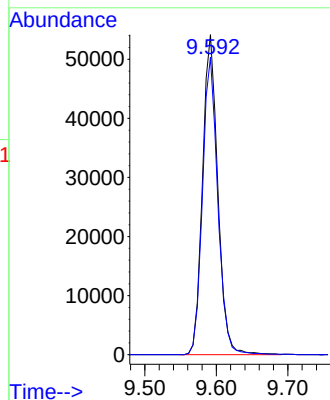
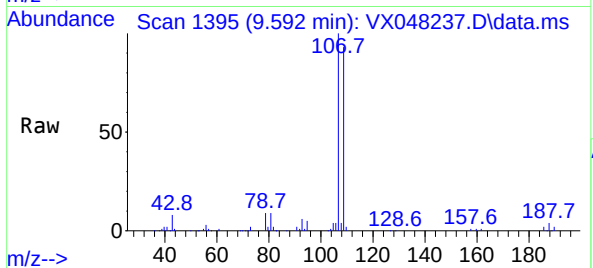




#61
1,2-Dibromoethane
Concen: 49.319 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

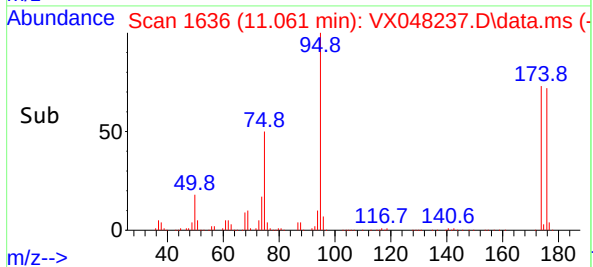
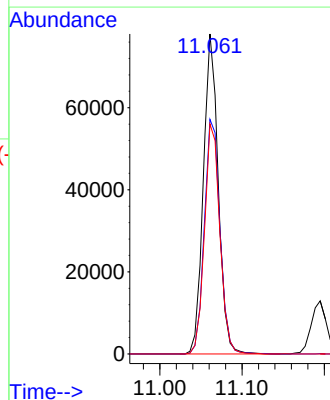
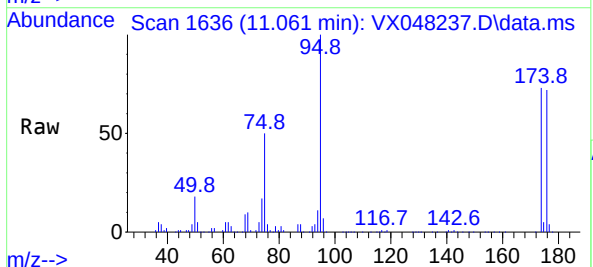
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

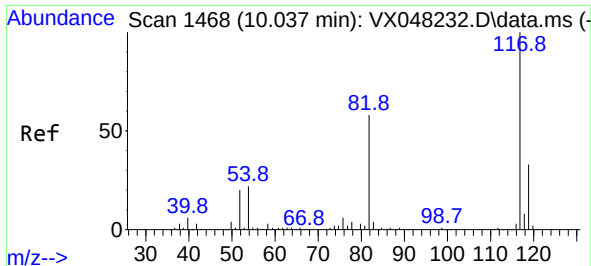
Tgt Ion:107 Resp: 80363
Ion Ratio Lower Upper
107 100
109 93.1 77.0 115.4



#62
4-Bromofluorobenzene
Concen: 46.795 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 95 Resp: 97828
Ion Ratio Lower Upper
95 100
174 77.0 0.0 147.8
176 74.2 0.0 142.8

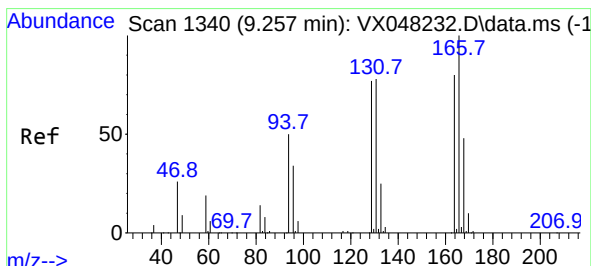
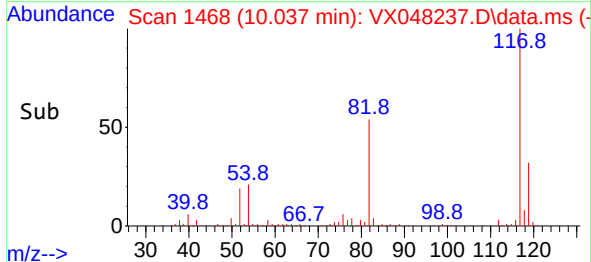
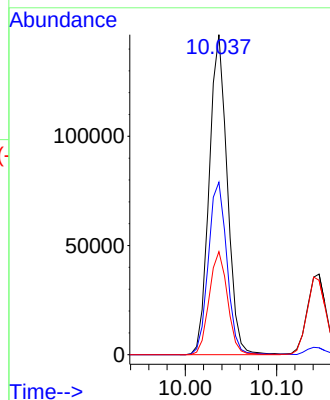
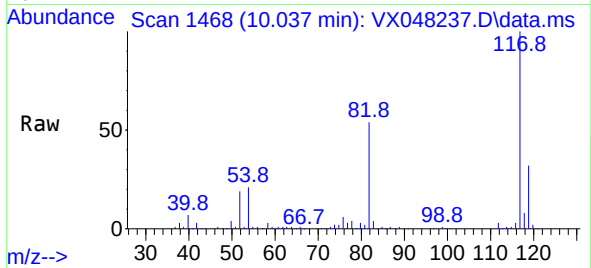




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

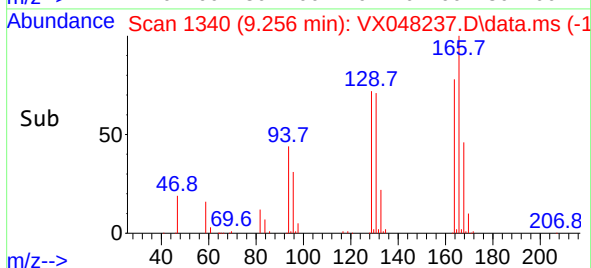
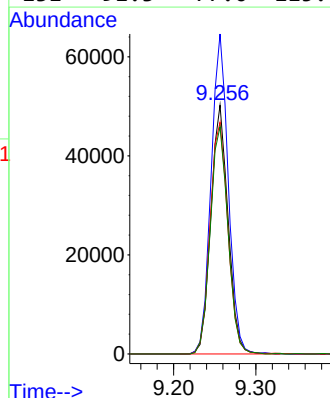
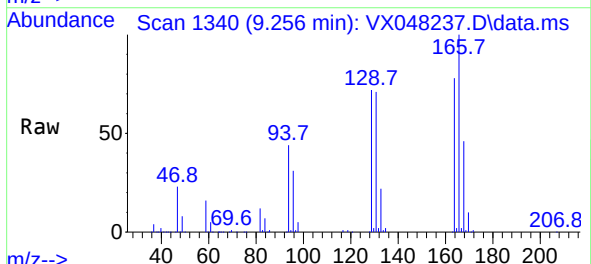
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

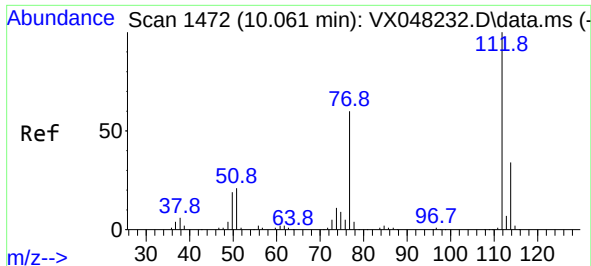
Tgt Ion:117 Resp: 201397
Ion Ratio Lower Upper
117 100
82 53.9 46.5 69.7
119 32.2 25.9 38.9



#64
Tetrachloroethene
Concen: 48.686 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:164 Resp: 73198
Ion Ratio Lower Upper
164 100
166 128.6 104.5 156.7
129 93.1 81.8 122.6
131 91.3 77.0 115.6

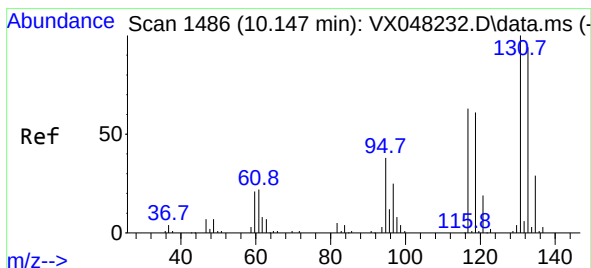
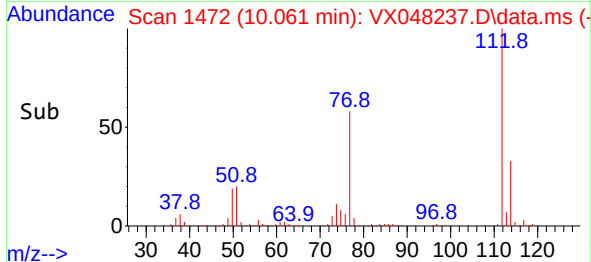
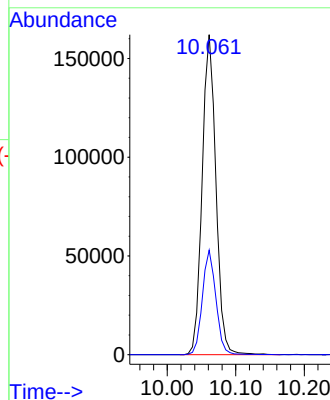
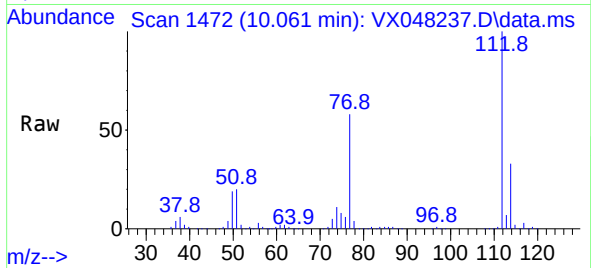




#65
Chlorobenzene
Concen: 50.095 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

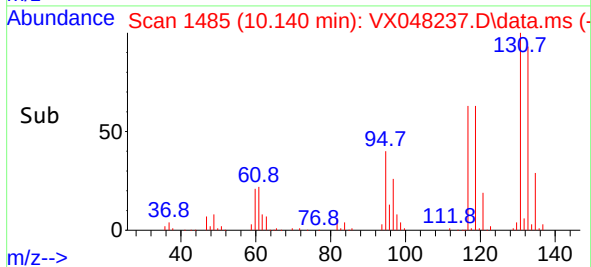
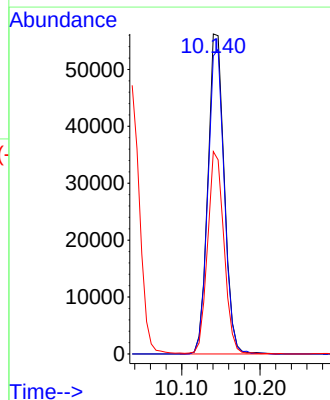
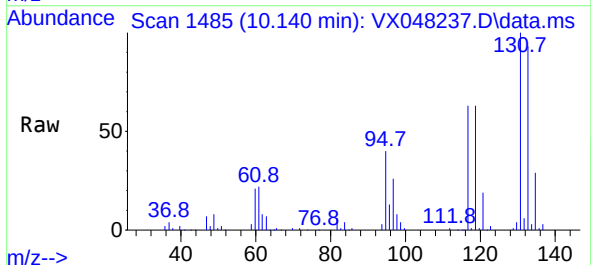
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

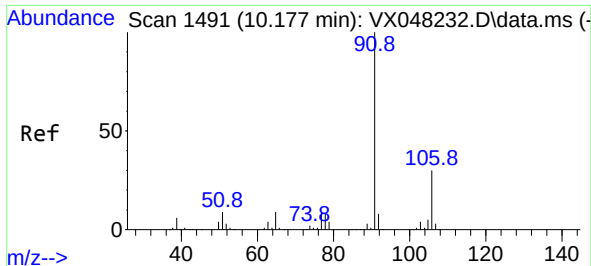
Tgt Ion:112 Resp: 226953
Ion Ratio Lower Upper
112 100
114 32.6 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 49.014 ug/l
RT: 10.140 min Scan# 1485
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:131 Resp: 81561
Ion Ratio Lower Upper
131 100
133 95.2 47.6 142.8
119 63.3 32.5 97.5

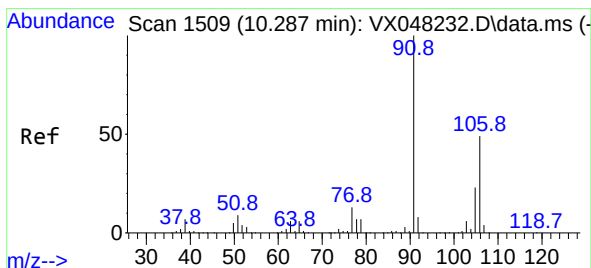
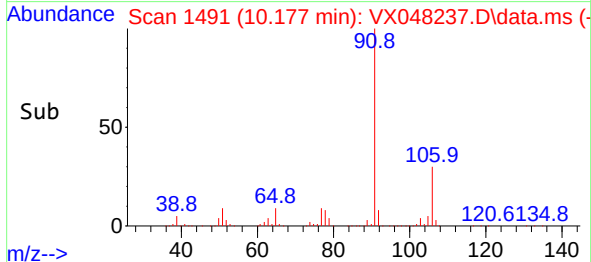
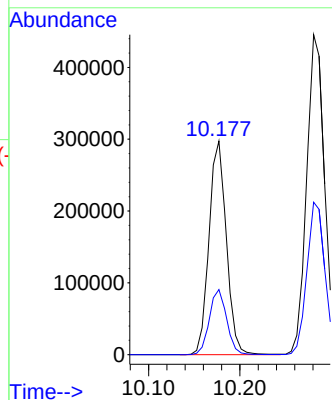
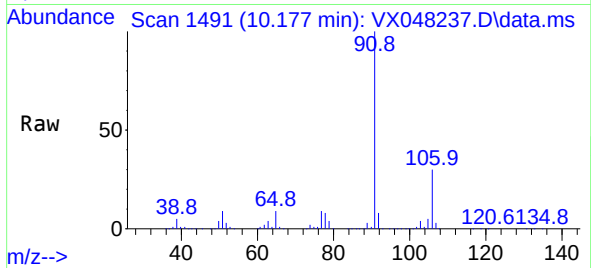




#67
Ethyl Benzene
Concen: 50.798 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

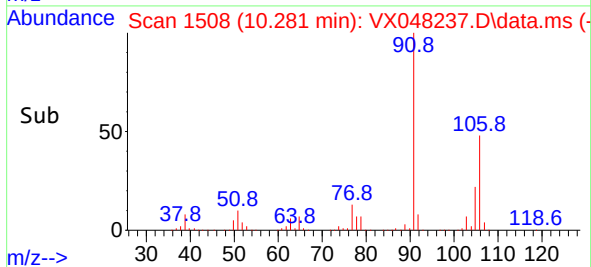
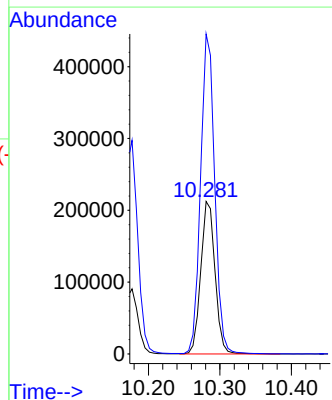
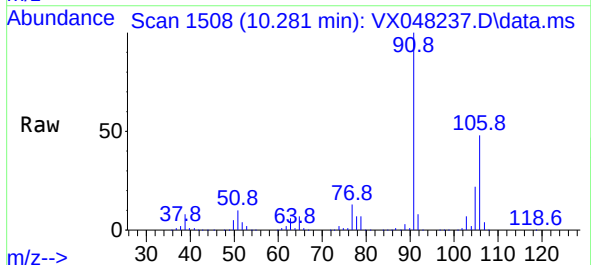
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

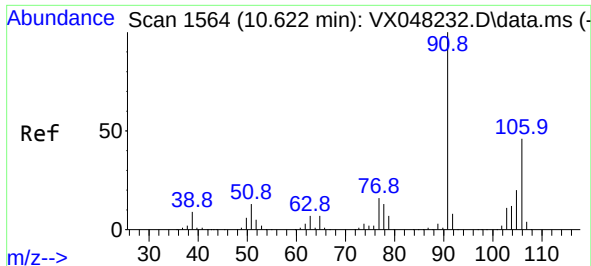
Tgt Ion: 91 Resp: 391830
Ion Ratio Lower Upper
91 100
106 30.5 23.8 35.6



#68
m/p-Xylenes
Concen: 102.416 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 106 Resp: 293516
Ion Ratio Lower Upper
106 100
91 208.2 167.9 251.9

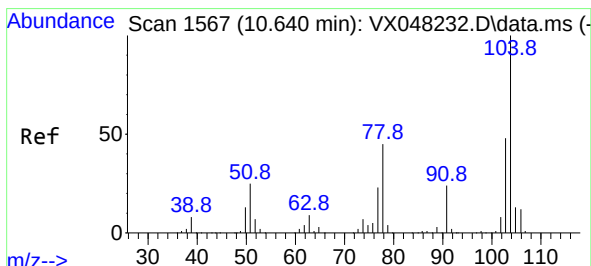
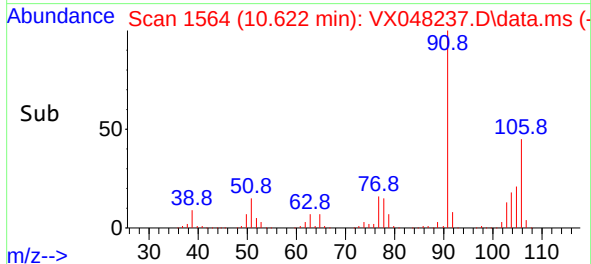
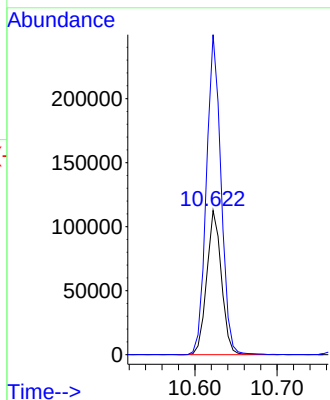
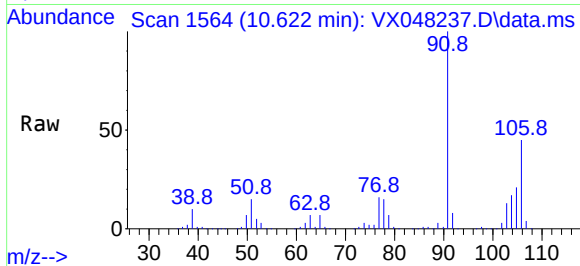




#69
o-Xylene
Concen: 50.424 ug/l
RT: 10.622 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

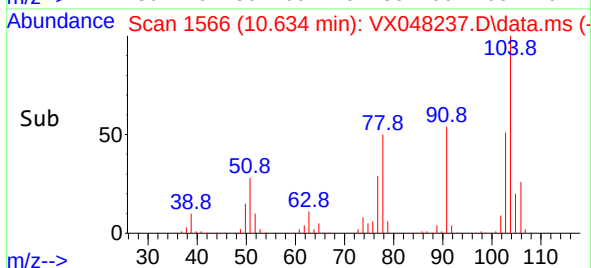
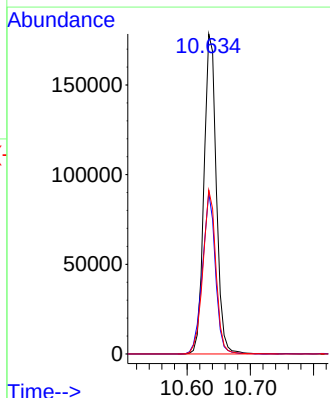
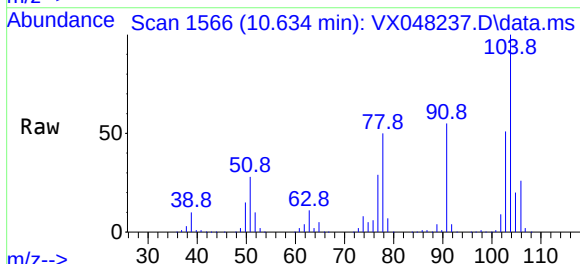
Instrument :
MSVOA_X
ClientSampleId :
ICVX102025

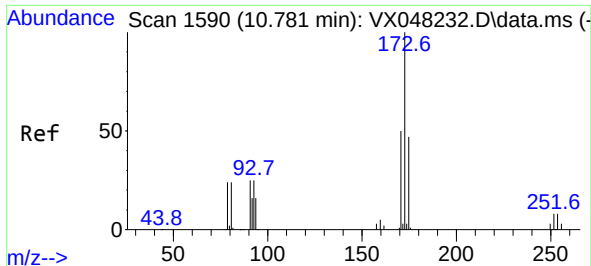
Tgt Ion:106 Resp: 139515
Ion Ratio Lower Upper
106 100
91 221.1 111.3 333.9



#70
Styrene
Concen: 51.651 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:104 Resp: 243341
Ion Ratio Lower Upper
104 100
78 52.8 42.2 63.4
103 53.8 43.0 64.4

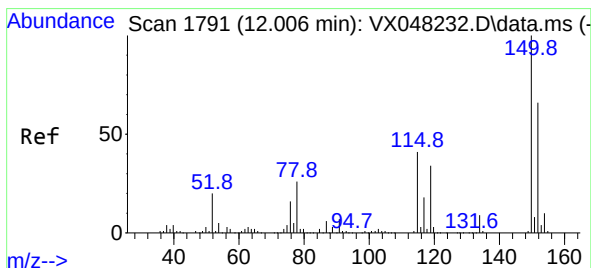
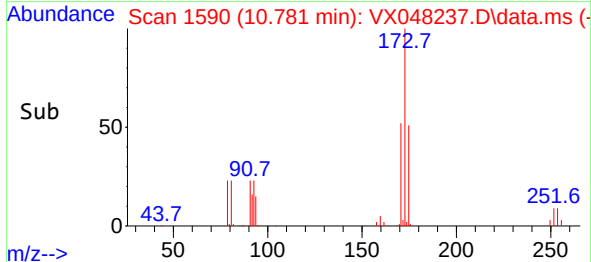
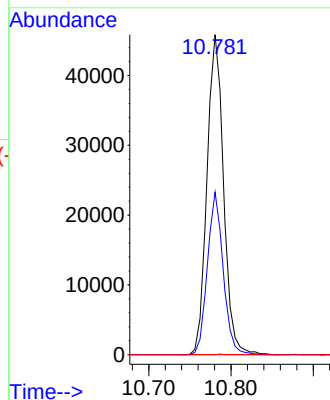
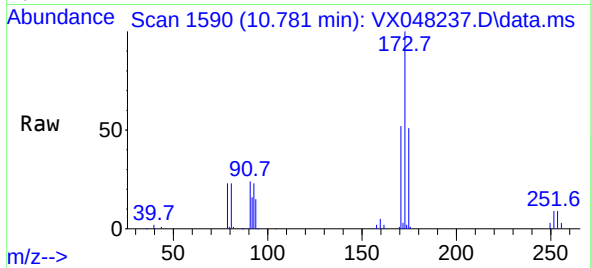




#71
Bromoform
Concen: 48.250 ug/l
RT: 10.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

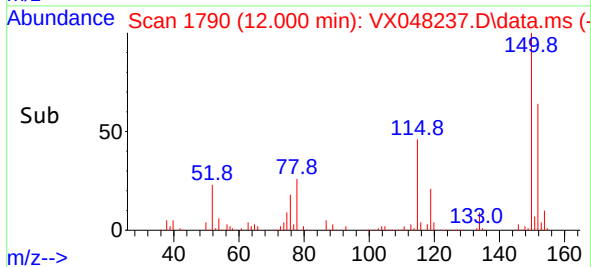
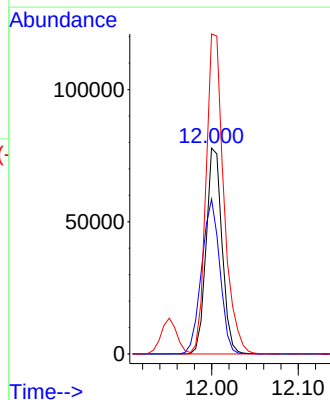
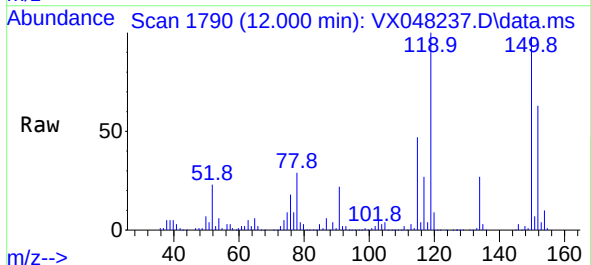
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

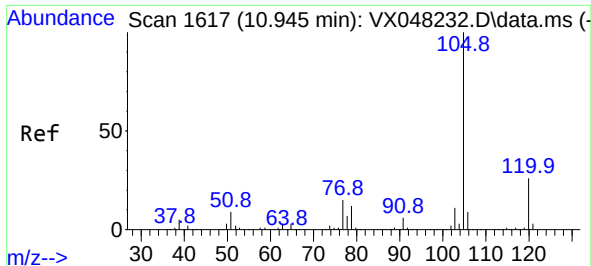
Tgt Ion:173 Resp: 64170
Ion Ratio Lower Upper
173 100
175 48.3 24.0 72.0
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.000 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:152 Resp: 99108
Ion Ratio Lower Upper
152 100
115 86.2 43.1 129.4
150 173.4 0.0 353.0

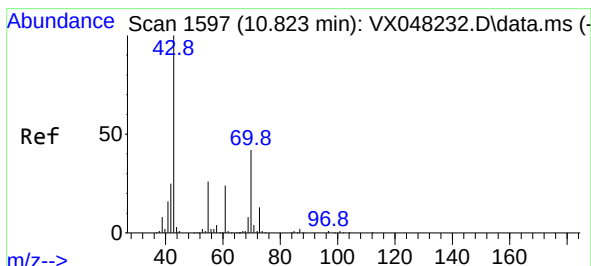
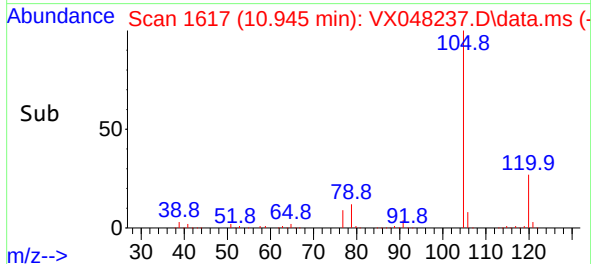
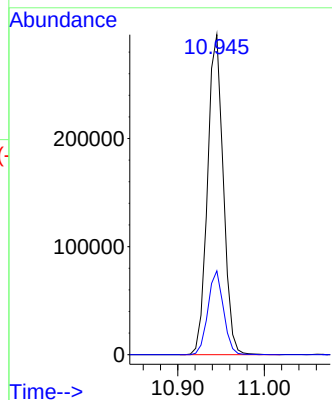
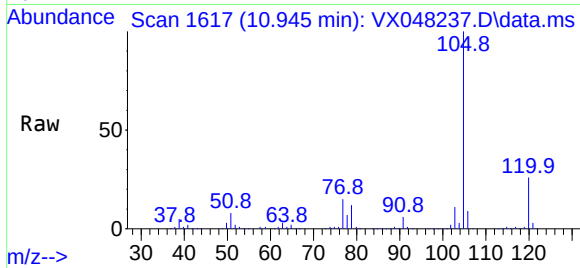




#73
Isopropylbenzene
Concen: 51.658 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

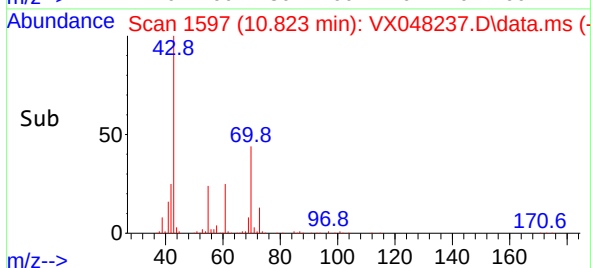
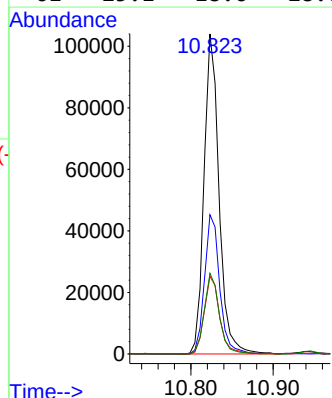
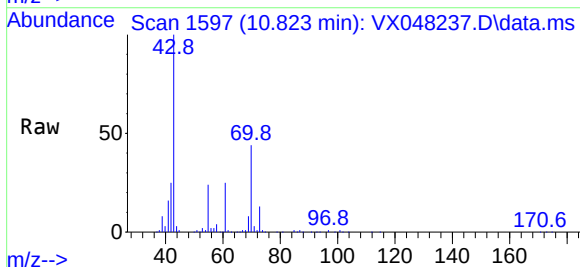
Instrument : MSVOA_X
ClientSampleId : ICVVX102025

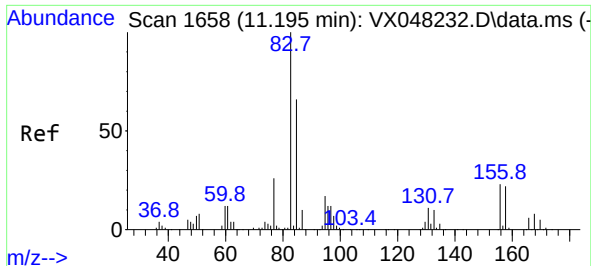
Tgt Ion:105 Resp: 373948
Ion Ratio Lower Upper
105 100
120 25.8 13.0 38.9



#74
N-ethyl acetate
Concen: 51.399 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 43 Resp: 131979
Ion Ratio Lower Upper
43 100
70 44.1 32.2 48.2
55 25.0 19.1 28.7
61 25.1 18.6 28.0

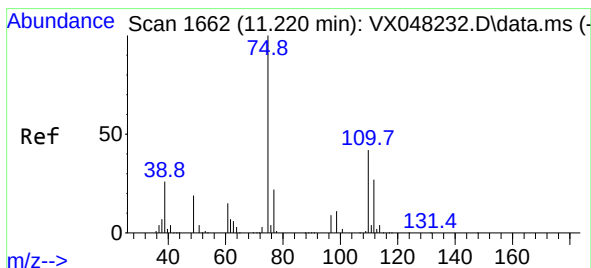
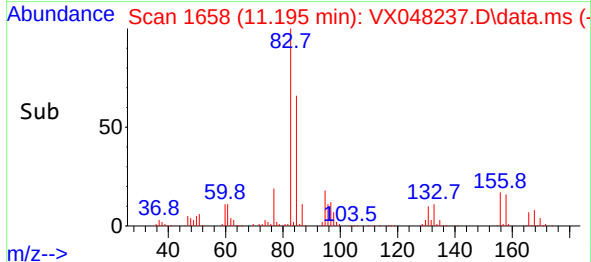
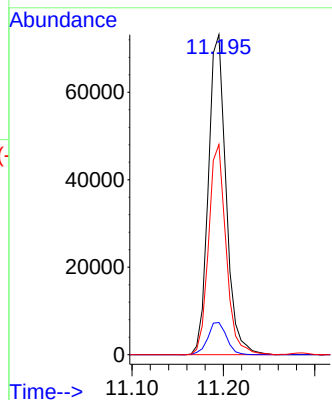
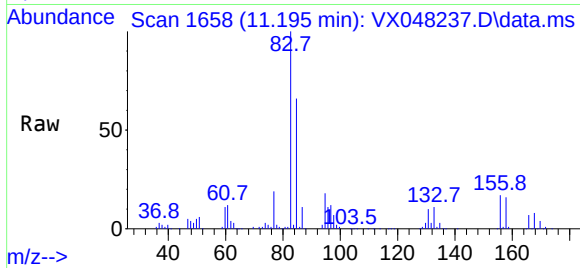




#75
1,1,2,2-Tetrachloroethane
Concen: 49.936 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

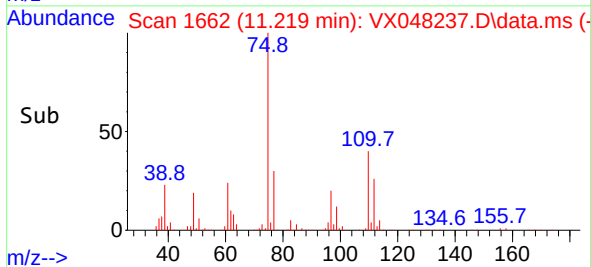
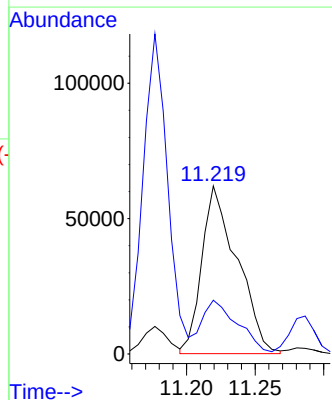
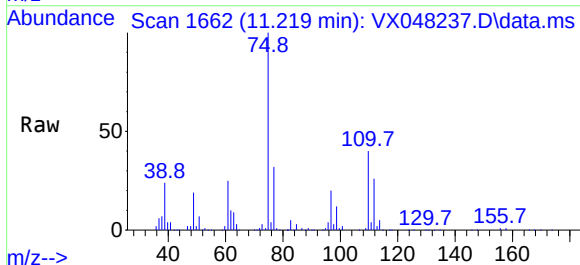
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

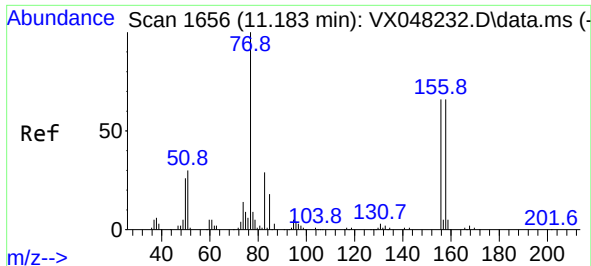
Tgt Ion: 83 Resp: 98715
Ion Ratio Lower Upper
83 100
131 10.6 4.8 14.4
85 64.8 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 69.229 ug/l
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 75 Resp: 111265
Ion Ratio Lower Upper
75 100
77 33.1 22.4 67.2

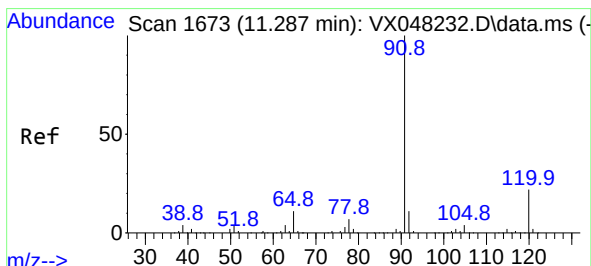
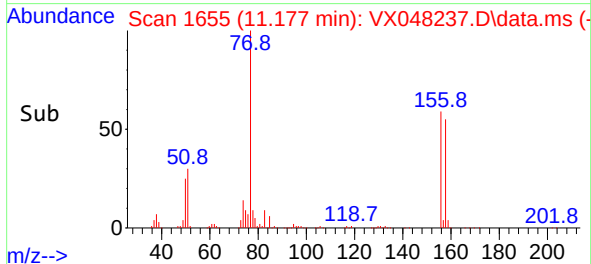
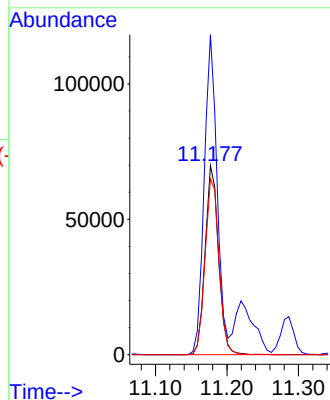
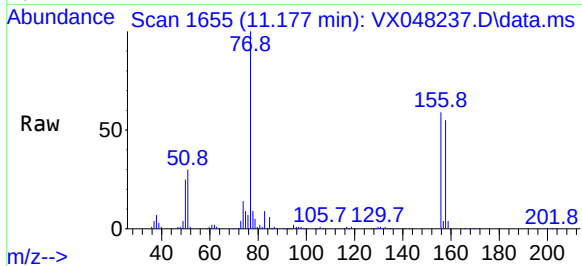




#77
Bromobenzene
Concen: 50.135 ug/l
RT: 11.177 min Scan# 1655
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

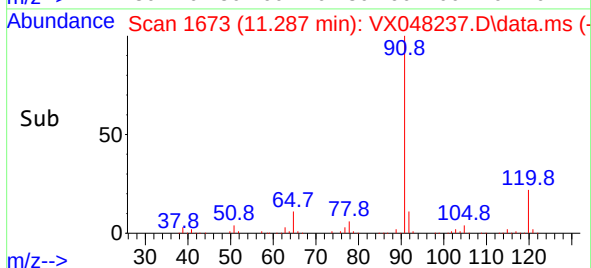
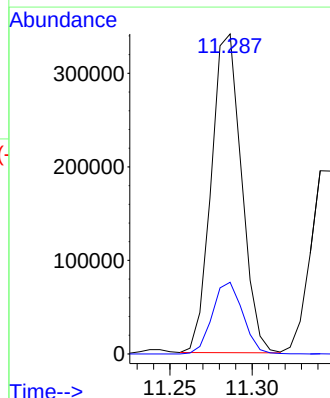
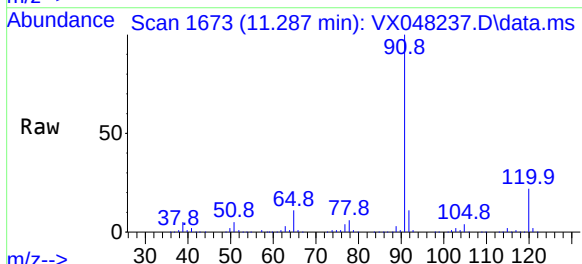
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

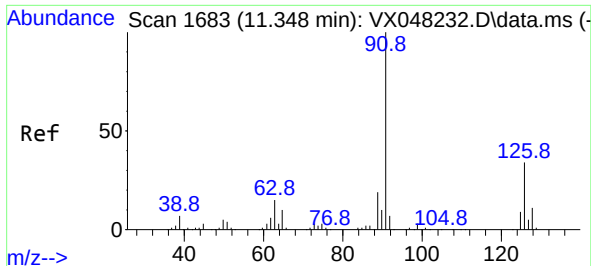
Tgt Ion:156 Resp: 91000
Ion Ratio Lower Upper
156 100
77 162.5 87.0 261.0
158 96.4 47.8 143.4



#78
n-propylbenzene
Concen: 51.980 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 91 Resp: 435662
Ion Ratio Lower Upper
91 100
120 22.7 11.1 33.1

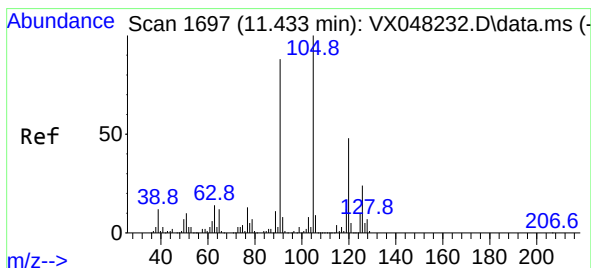
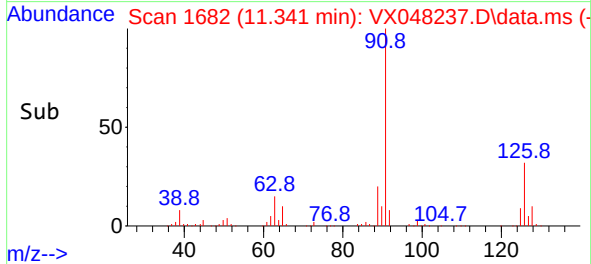
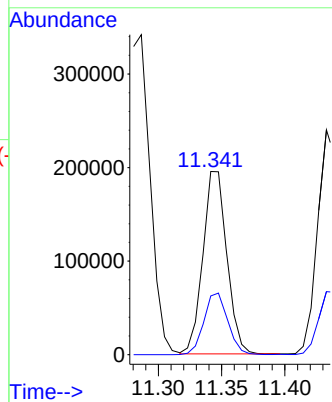
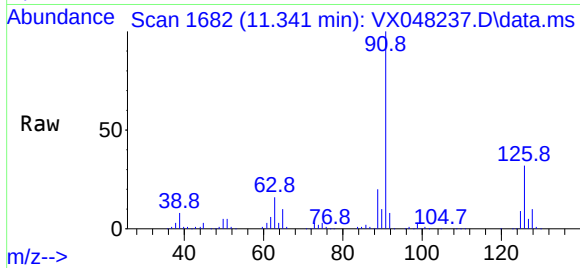




#79
2-Chlorotoluene
Concen: 50.760 ug/l
RT: 11.341 min Scan# 1682
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

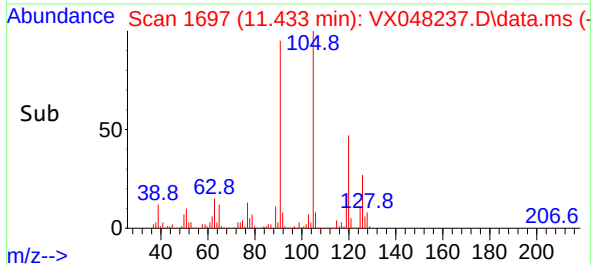
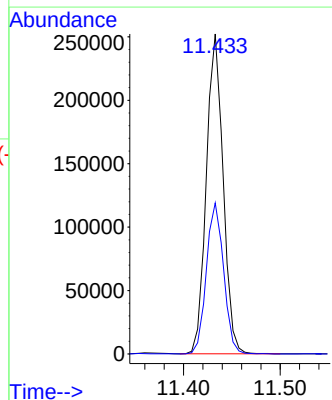
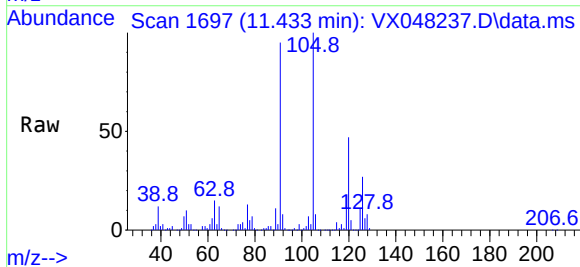
Instrument : MSVOA_X
ClientSampleId : ICVVX102025

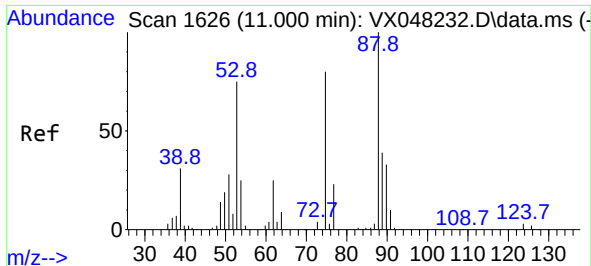
Tgt Ion: 91 Resp: 257936
Ion Ratio Lower Upper
91 100
126 33.7 16.4 49.4



#80
1,3,5-Trimethylbenzene
Concen: 50.918 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:105 Resp: 305027
Ion Ratio Lower Upper
105 100
120 48.5 24.0 72.0

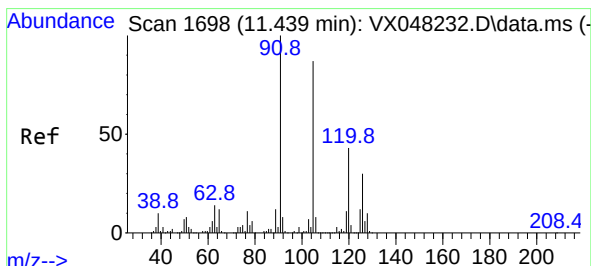
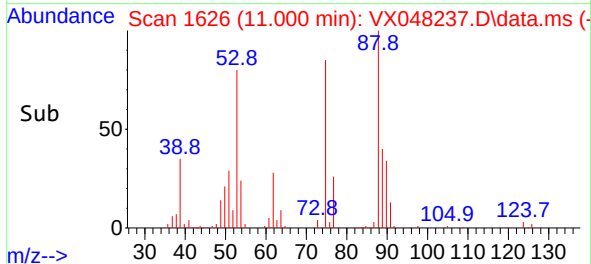
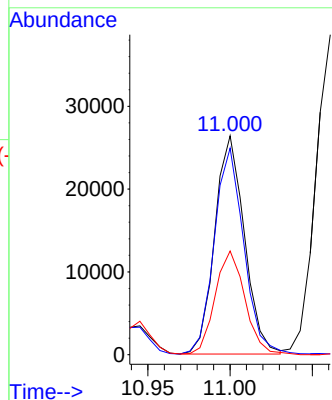
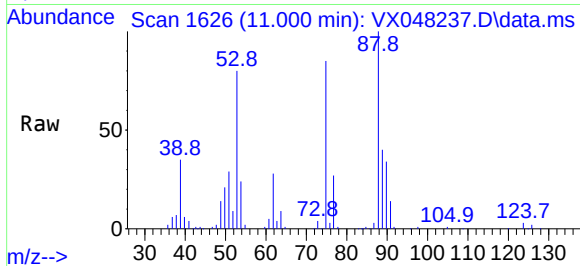




#81
trans-1,4-Dichloro-2-butene
Concen: 49.995 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

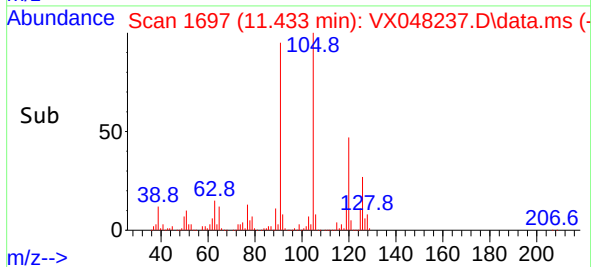
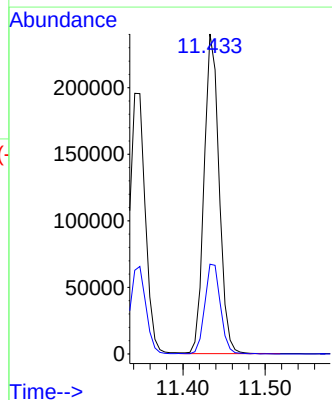
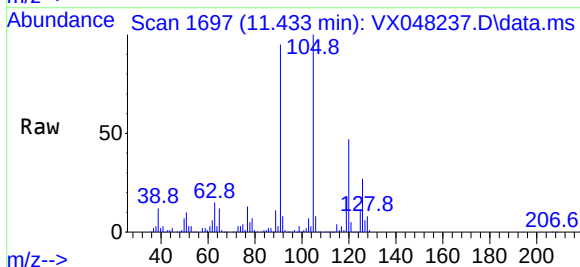
Instrument :
MSVOA_X
ClientSampleId :
ICVX102025

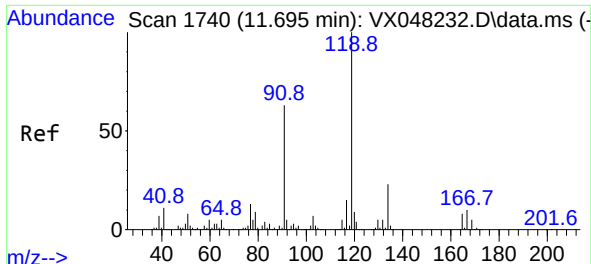
Tgt Ion: 75 Resp: 33027
Ion Ratio Lower Upper
75 100
53 95.4 79.5 119.3
89 48.1 36.8 55.2



#82
4-Chlorotoluene
Concen: 50.507 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 91 Resp: 304670
Ion Ratio Lower Upper
91 100
126 29.5 14.1 42.4

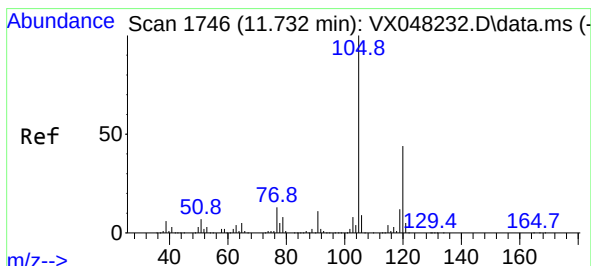
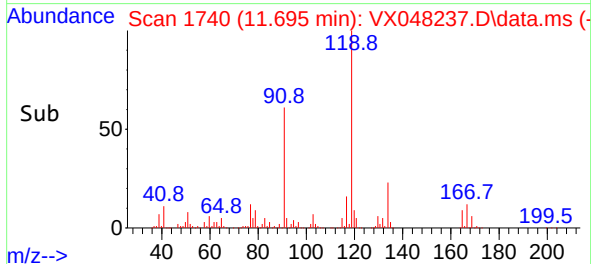
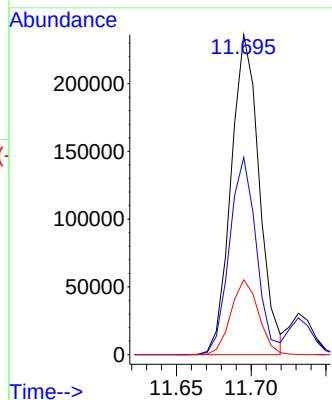
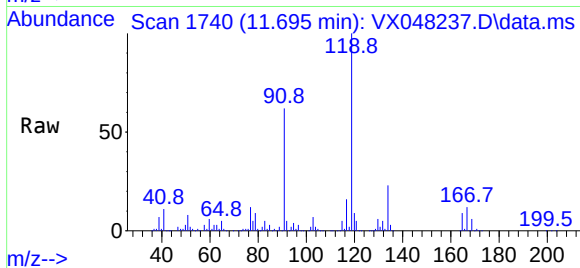




#83
tert-Butylbenzene
Concen: 50.288 ug/l
RT: 11.695 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

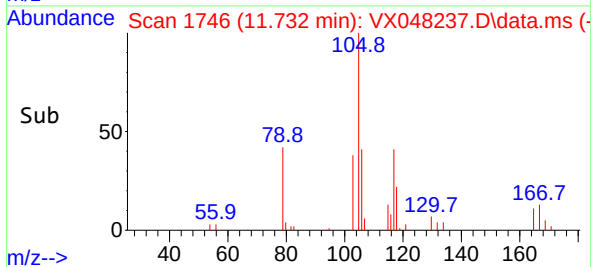
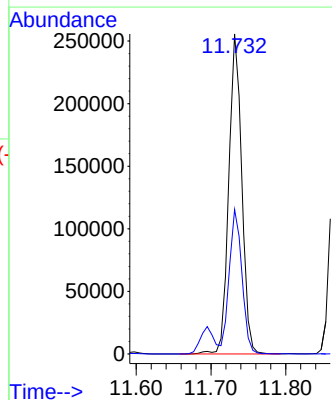
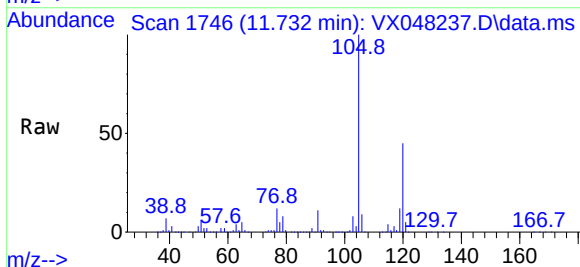
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

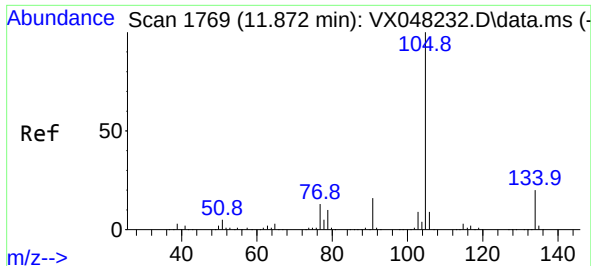
Tgt Ion:119 Resp: 309524
Ion Ratio Lower Upper
119 100
91 59.2 30.3 91.0
134 22.9 11.4 34.2



#84
1,2,4-Trimethylbenzene
Concen: 51.607 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:105 Resp: 308529
Ion Ratio Lower Upper
105 100
120 44.1 22.1 66.5

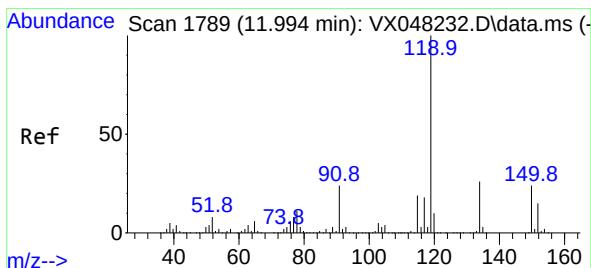
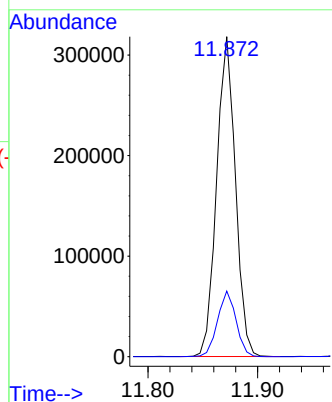




#85
sec-Butylbenzene
Concen: 51.230 ug/l
RT: 11.872 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

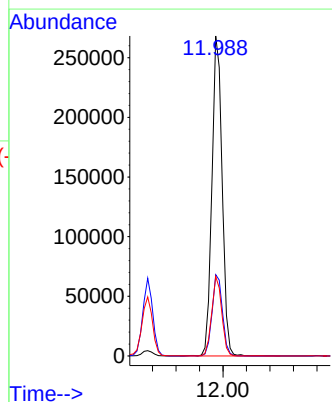
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

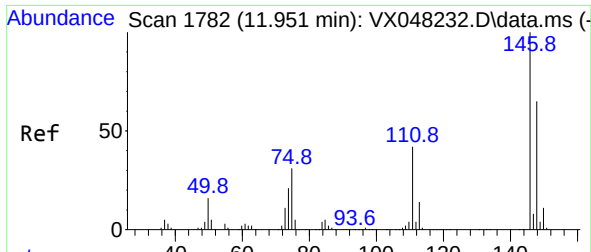
Tgt Ion:105 Resp: 379368
Ion Ratio Lower Upper
105 100
134 20.2 10.1 30.1



#86
p-Isopropyltoluene
Concen: 50.686 ug/l
RT: 11.988 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:119 Resp: 324425
Ion Ratio Lower Upper
119 100
134 25.8 13.0 39.0
91 24.3 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 48.229 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX048237.D

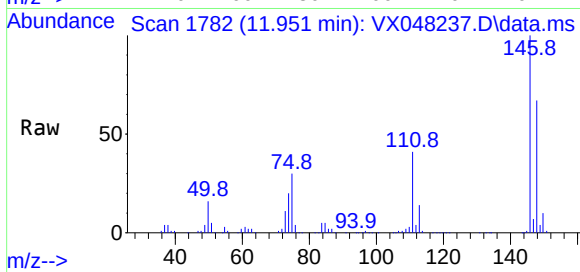
Acq: 20 Oct 2025 14:28

Instrument :

MSVOA_X

ClientSampleId :

ICVX102025



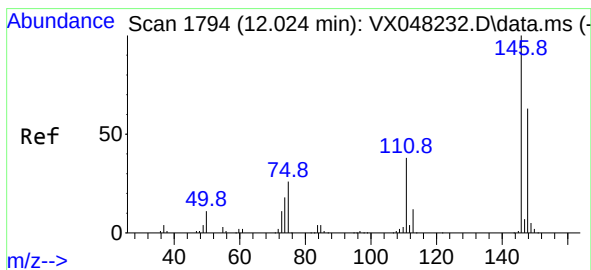
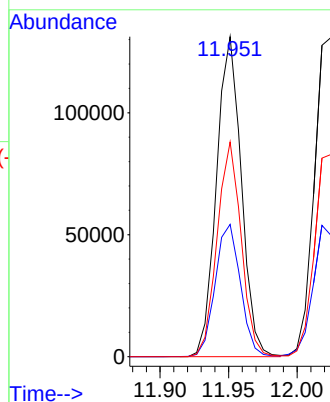
Tgt Ion:146 Resp: 165027

Ion Ratio Lower Upper

146 100

111 42.2 20.4 61.2

148 65.3 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 47.423 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

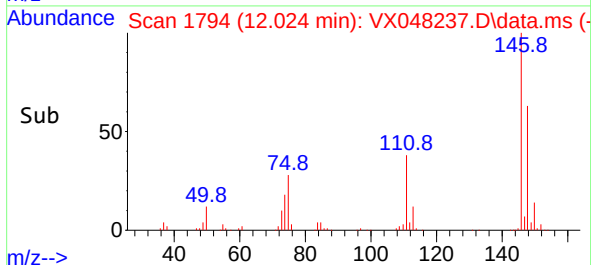
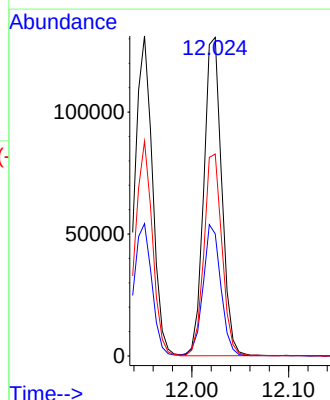
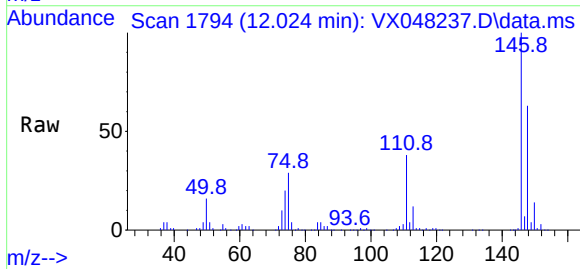
Tgt Ion:146 Resp: 168102

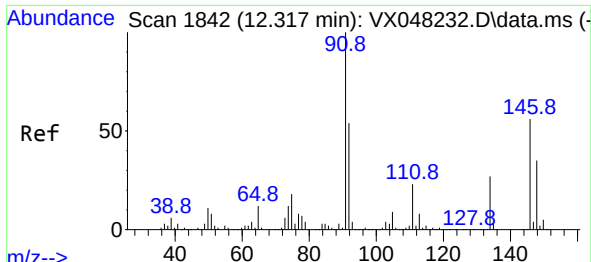
Ion Ratio Lower Upper

146 100

111 40.9 20.1 60.2

148 63.9 31.8 95.3





#89

n-Butylbenzene

Concen: 49.728 ug/l

RT: 12.311 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VX048237.D

Acq: 20 Oct 2025 14:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102025

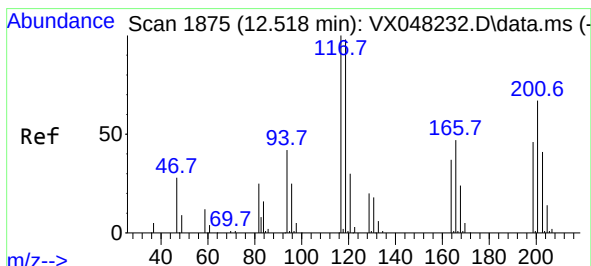
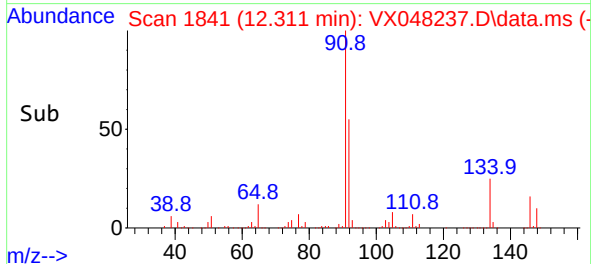
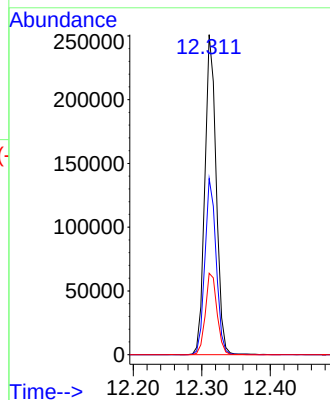
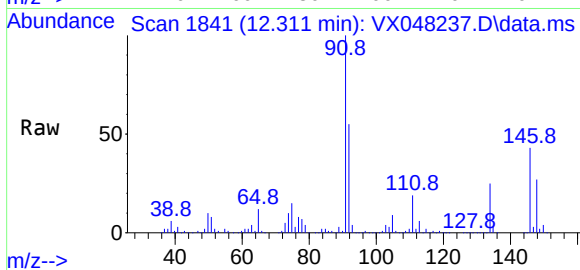
Tgt Ion: 91 Resp: 289706

Ion Ratio Lower Upper

91 100

92 54.7 26.9 80.6

134 26.1 12.7 38.1



#90

Hexachloroethane

Concen: 48.437 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VX048237.D

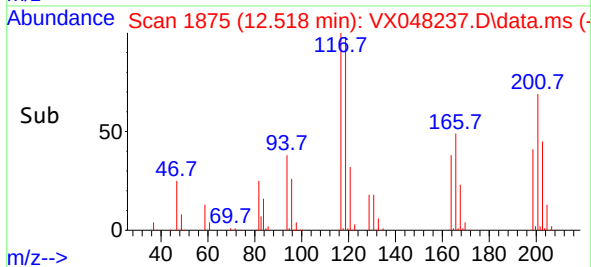
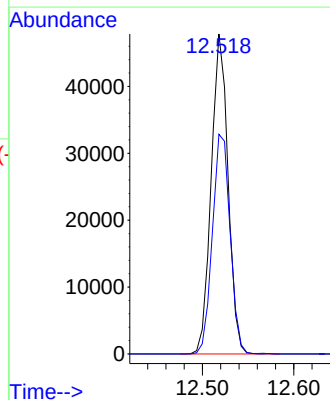
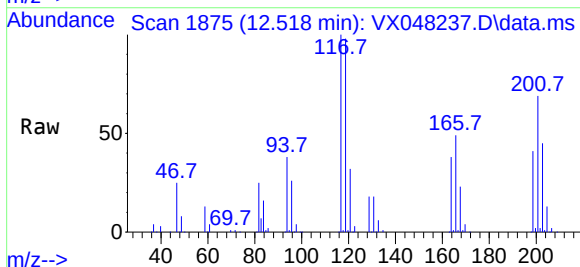
Acq: 20 Oct 2025 14:28

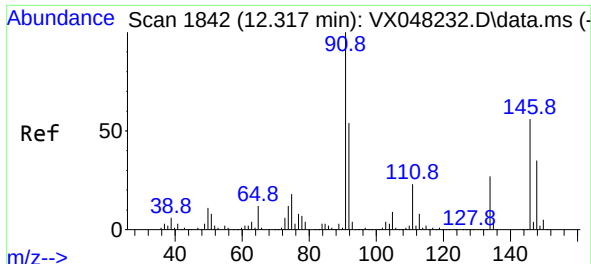
Tgt Ion: 117 Resp: 61223

Ion Ratio Lower Upper

117 100

201 72.4 34.1 102.2

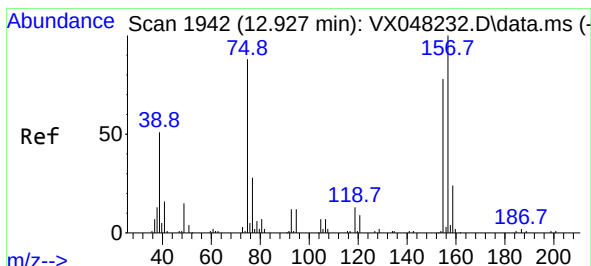
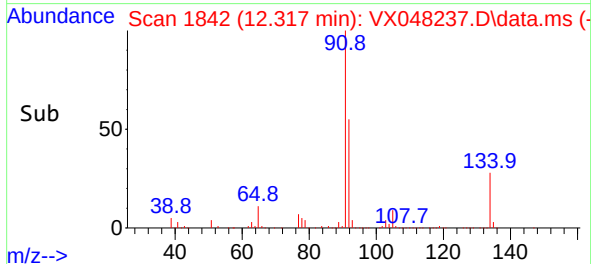
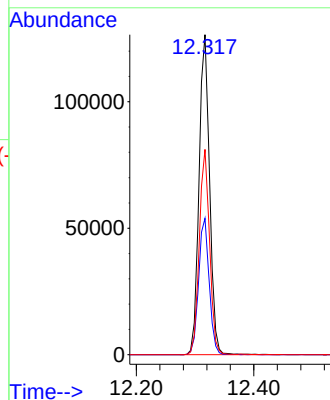
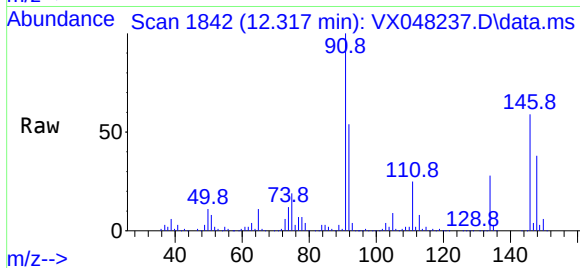




#91
1,2-Dichlorobenzene
Concen: 49.123 ug/l
RT: 12.317 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

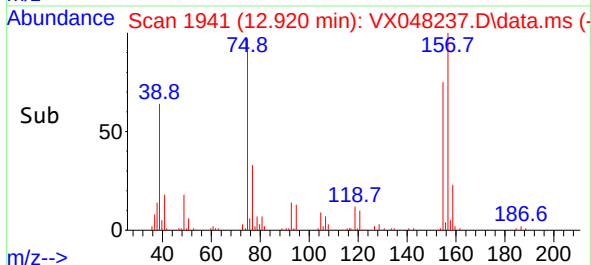
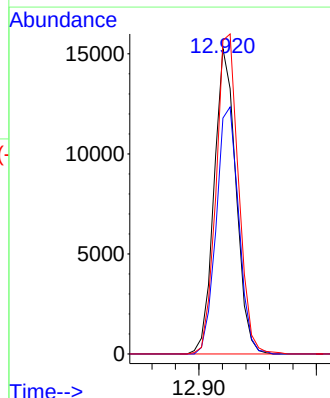
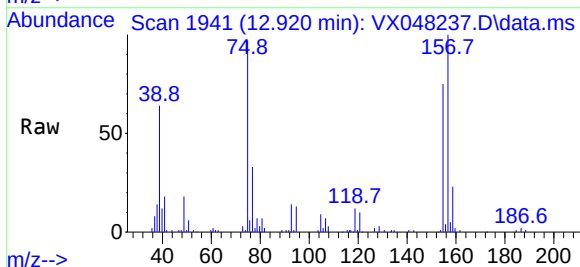
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

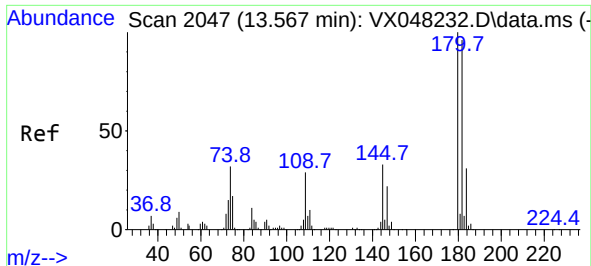
Tgt Ion:146 Resp: 157812
Ion Ratio Lower Upper
146 100
111 42.8 21.9 65.5
148 62.8 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.072 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 75 Resp: 19691
Ion Ratio Lower Upper
75 100
155 83.2 42.8 128.4
157 107.6 54.2 162.6

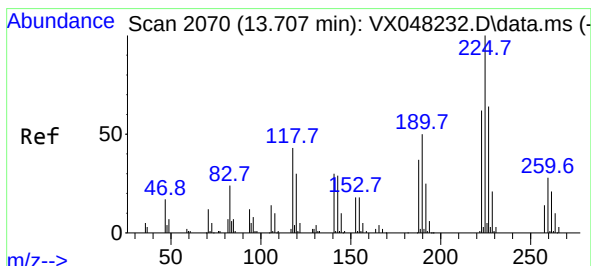
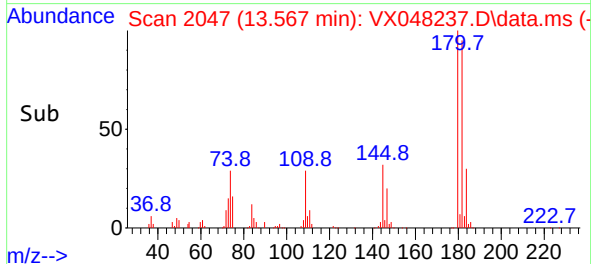
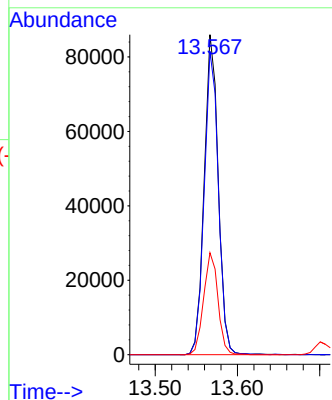
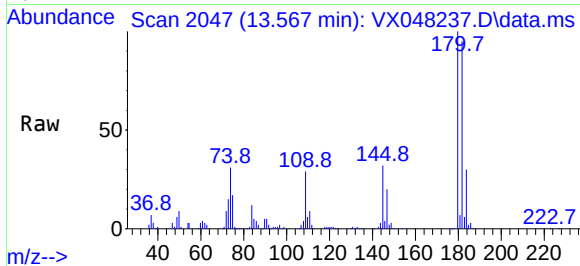




#93
1,2,4-Trichlorobenzene
Concen: 46.941 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

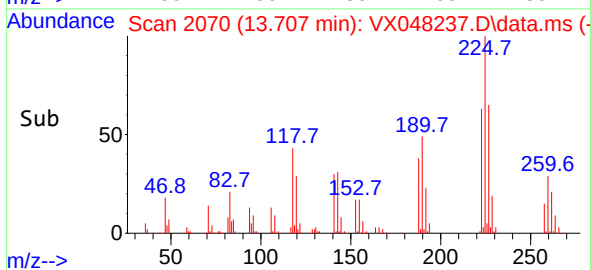
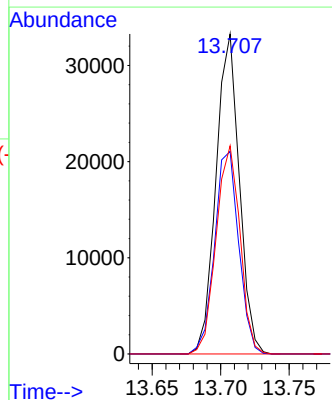
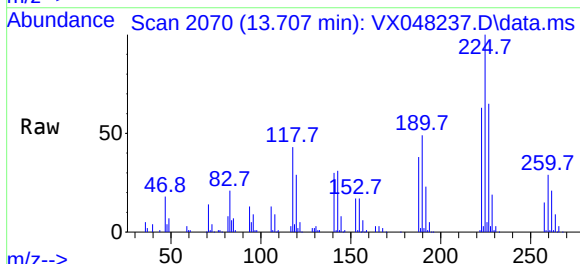
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

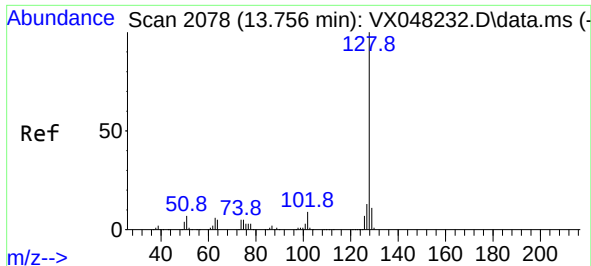
Tgt Ion:180 Resp: 101983
Ion Ratio Lower Upper
180 100
182 95.7 47.3 142.0
145 32.5 16.3 48.9



#94
Hexachlorobutadiene
Concen: 48.274 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:225 Resp: 39299
Ion Ratio Lower Upper
225 100
223 65.8 32.6 97.7
227 66.5 32.5 97.4

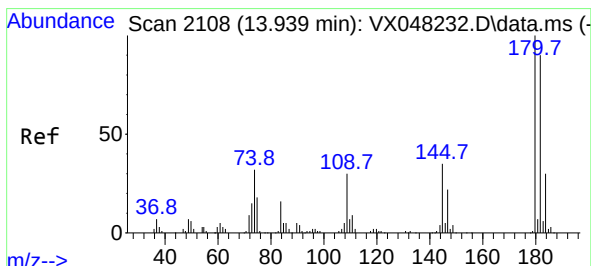
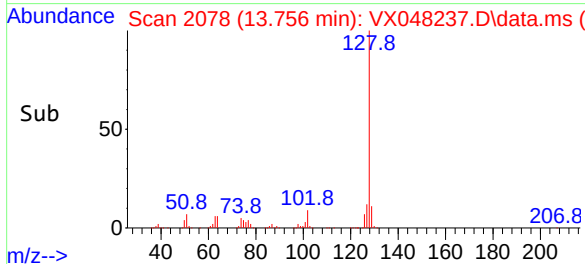
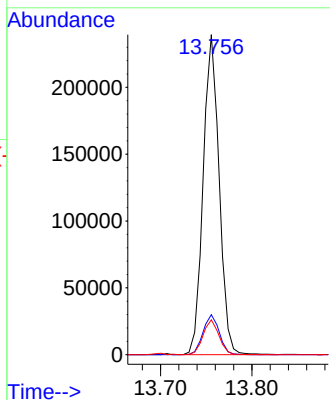
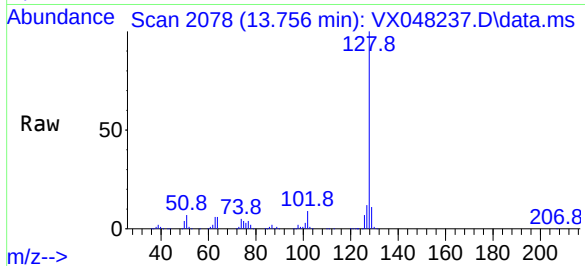




#95
Naphthalene
Concen: 50.362 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

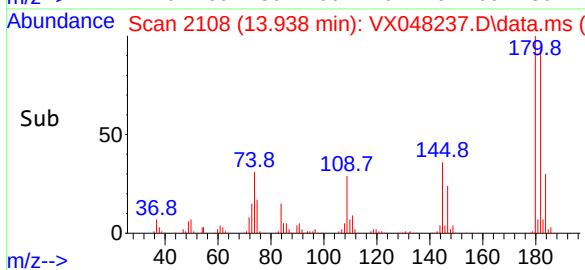
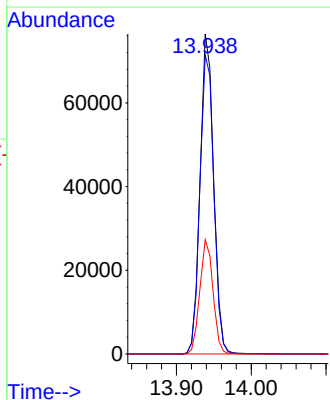
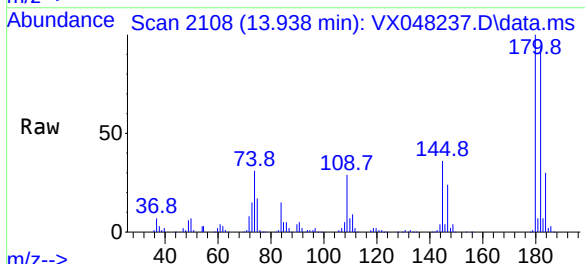
Instrument :
MSVOA_X
ClientSampleId :
ICVX102025

Tgt Ion:	128	Resp:	289882
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.8	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 48.223 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:	180	Resp:	96139
Ion	Ratio	Lower	Upper
180	100		
182	95.9	46.6	139.7
145	34.8	16.9	50.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
 Data File : VX048280.D
 Acq On : 22 Oct 2025 08:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 24 05:49:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	112883	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	171616	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	151325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	76595	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	76366	48.250	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.500%
35) Dibromofluoromethane	5.367	113	60534	51.667	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.340%
50) Toluene-d8	8.628	98	203851	49.640	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.280%
62) 4-Bromofluorobenzene	11.061	95	75540	48.352	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.700%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	65265	56.241	ug/l	99
3) Chloromethane	1.300	50	49425	45.630	ug/l	99
4) Vinyl Chloride	1.380	62	47382	47.239	ug/l	100
5) Bromomethane	1.611	94	33539	49.271	ug/l	97
6) Chloroethane	1.691	64	28903	49.038	ug/l	95
7) Trichlorofluoromethane	1.892	101	107357	55.808	ug/l	97
8) Diethyl Ether	2.136	74	26023	48.077	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.331	101	68490	56.225	ug/l	96
10) Methyl Iodide	2.453	142	87087	56.868	ug/l	98
11) Tert butyl alcohol	2.940	59	35785	227.724	ug/l	100
12) 1,1-Dichloroethene	2.319	96	62744	52.943	ug/l	94
13) Acrolein	2.233	56	48081	300.005	ug/l	99
14) Allyl chloride	2.660	41	94077	47.813	ug/l	91
15) Acrylonitrile	3.050	53	131715	232.450	ug/l	98
16) Acetone	2.373	43	154383	284.337	ug/l	99
17) Carbon Disulfide	2.514	76	177992	47.654	ug/l	99
18) Methyl Acetate	2.697	43	51668	45.566	ug/l	93
19) Methyl tert-butyl Ether	3.105	73	209570	51.835	ug/l	93
20) Methylene Chloride	2.788	84	68678	51.912	ug/l	88
21) trans-1,2-Dichloroethene	3.087	96	68104	52.315	ug/l	99
22) Diisopropyl ether	3.745	45	196556	50.085	ug/l #	96
23) Vinyl Acetate	3.709	43	777072	247.880	ug/l	96
24) 1,1-Dichloroethane	3.599	63	120039	50.586	ug/l	100
25) 2-Butanone	4.532	43	167713	244.037	ug/l	97
26) 2,2-Dichloropropane	4.458	77	115554	53.950	ug/l	98
27) cis-1,2-Dichloroethene	4.471	96	77266	50.857	ug/l	100
28) Bromochloromethane	4.879	49	50491	51.316	ug/l #	80
29) Tetrahydrofuran	4.983	42	90001	218.666	ug/l	91
30) Chloroform	5.074	83	130715	51.559	ug/l	94
31) Cyclohexane	5.452	56	98916	50.349	ug/l	86
32) 1,1,1-Trichloroethane	5.361	97	128292	54.907	ug/l	97
36) 1,1-Dichloropropene	5.672	75	89311	53.632	ug/l	99
37) Ethyl Acetate	4.696	43	64504	46.733	ug/l	95
38) Carbon Tetrachloride	5.659	117	117550	57.216	ug/l	96
39) Methylcyclohexane	7.360	83	108726	55.285	ug/l	93
40) Benzene	6.013	78	253259	52.383	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
 Data File : VX048280.D
 Acq On : 22 Oct 2025 08:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 24 05:49:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.897	41	35771	49.349	ug/l	93
42) 1,2-Dichloroethane	6.068	62	100501	56.333	ug/l	100
43) Isopropyl Acetate	6.312	43	108948	48.053	ug/l #	95
44) Trichloroethene	7.104	130	69227	54.227	ug/l	95
45) 1,2-Dichloropropane	7.409	63	59904	52.114	ug/l	97
46) Dibromomethane	7.562	93	47300	52.817	ug/l	93
47) Bromodichloromethane	7.799	83	106527	55.092	ug/l	96
48) Methyl methacrylate	7.671	41	56901	49.735	ug/l	94
49) 1,4-Dioxane	7.641	88	14380	951.387	ug/l	92
51) 4-Methyl-2-Pentanone	8.555	43	310242	237.329	ug/l	94
52) Toluene	8.702	92	163729	53.307	ug/l	99
53) t-1,3-Dichloropropene	8.958	75	101924	54.699	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	107258	53.352	ug/l	94
55) 1,1,2-Trichloroethane	9.134	97	59586	52.167	ug/l	98
56) Ethyl methacrylate	9.098	69	84986	50.869	ug/l	95
57) 1,3-Dichloropropane	9.287	76	101491	52.019	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.220	63	229383	255.311	ug/l	94
59) 2-Hexanone	9.409	43	240369	263.703	ug/l	95
60) Dibromochloromethane	9.500	129	80645	52.530	ug/l	98
61) 1,2-Dibromoethane	9.592	107	64007	52.565	ug/l	96
64) Tetrachloroethene	9.256	164	60402	53.469	ug/l	95
65) Chlorobenzene	10.061	112	182674	53.663	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.146	131	68462	54.756	ug/l	98
67) Ethyl Benzene	10.177	91	314516	54.267	ug/l	96
68) m/p-Xylenes	10.281	106	236784	109.959	ug/l	98
69) o-Xylene	10.622	106	113014	54.361	ug/l	100
70) Styrene	10.634	104	197941	55.916	ug/l	99
71) Bromoform	10.780	173	53116	53.153	ug/l #	100
73) Isopropylbenzene	10.945	105	304903	54.500	ug/l	100
74) N-amyl acetate	10.823	43	96095	48.424	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.195	83	75307	49.292	ug/l	98
76) 1,2,3-Trichloropropane	11.219	75	86659	69.767	ug/l	82
77) Bromobenzene	11.177	156	75059	53.507	ug/l	93
78) n-propylbenzene	11.286	91	356264	55.000	ug/l	98
79) 2-Chlorotoluene	11.347	91	212434	54.093	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	253794	54.818	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	25680	50.299	ug/l	96
82) 4-Chlorotoluene	11.433	91	250734	53.783	ug/l	99
83) tert-Butylbenzene	11.695	119	254160	53.430	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	252256	54.596	ug/l	99
85) sec-Butylbenzene	11.872	105	309120	54.013	ug/l	100
86) p-Isopropyltoluene	11.988	119	269139	54.408	ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	137722	52.079	ug/l	99
88) 1,4-Dichlorobenzene	12.018	146	139405	50.886	ug/l	99
89) n-Butylbenzene	12.311	91	235632	52.334	ug/l	99
90) Hexachloroethane	12.518	117	49234	50.400	ug/l	92
91) 1,2-Dichlorobenzene	12.317	146	129743	52.256	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	15838	51.071	ug/l	96
93) 1,2,4-Trichlorobenzene	13.567	180	85647	51.009	ug/l	97
94) Hexachlorobutadiene	13.707	225	34001	54.034	ug/l	99
95) Naphthalene	13.756	128	226945	51.017	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	78971	51.255	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048280.D
Acq On : 22 Oct 2025 08:37
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

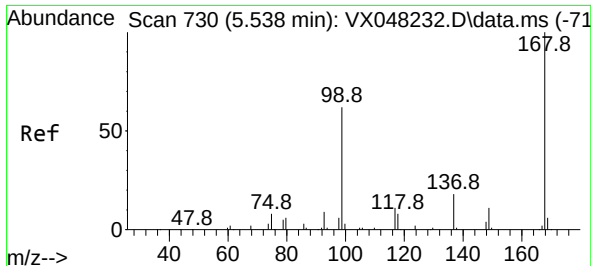
Quant Time: Oct 24 05:49:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

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

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

Quant Time: Oct 24 05:49:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

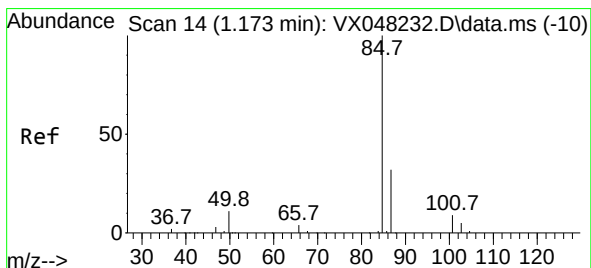
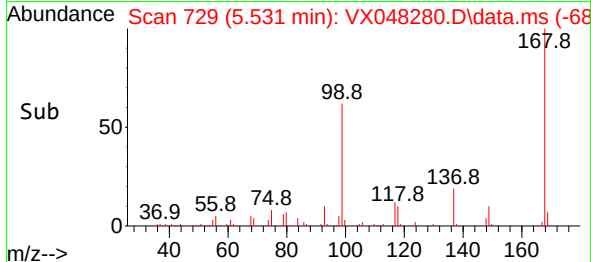
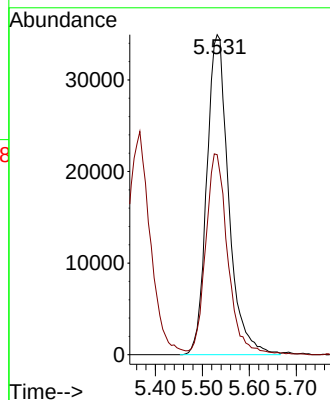
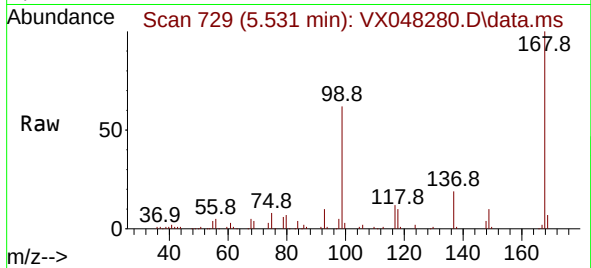




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.013 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

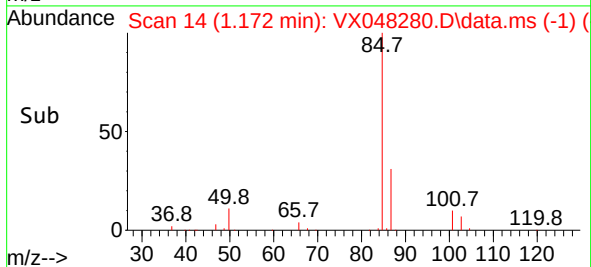
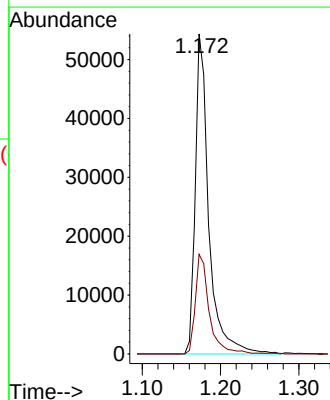
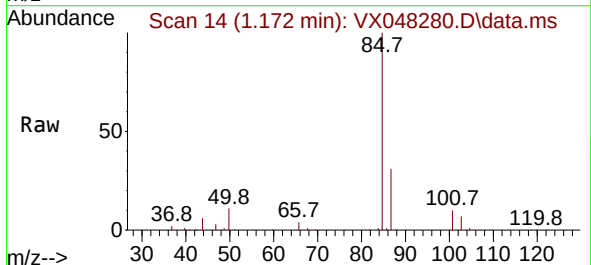
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

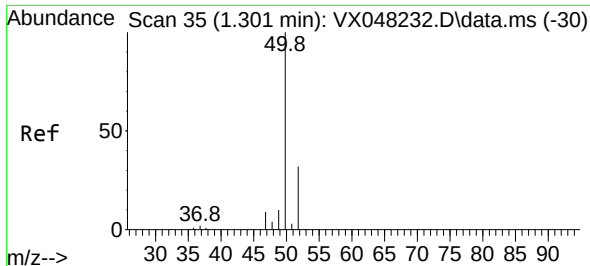
Tgt Ion:168 Resp: 112883
Ion Ratio Lower Upper
168 100
99 62.0 46.4 69.6



#2
Dichlorodifluoromethane
Concen: 56.241 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 85 Resp: 65265
Ion Ratio Lower Upper
85 100
87 31.2 15.3 45.9

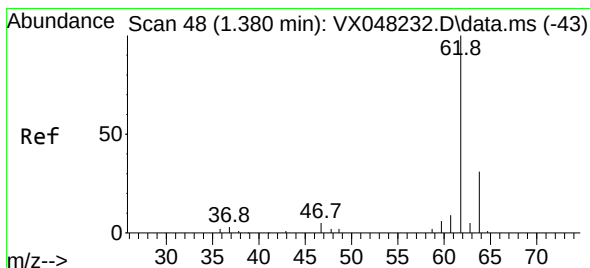
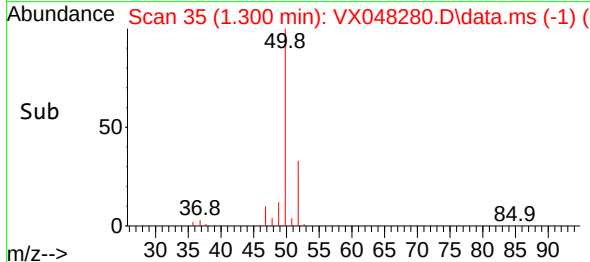
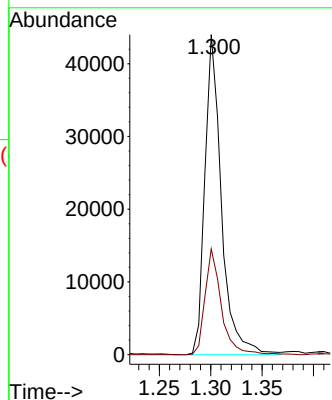
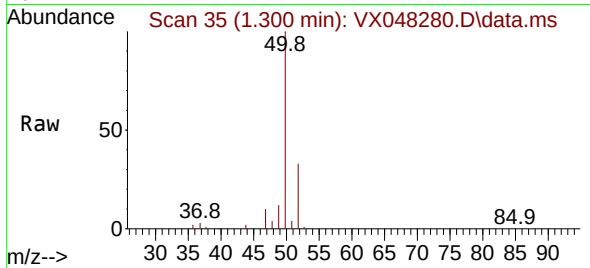




#3
Chloromethane
Concen: 45.630 ug/l
RT: 1.300 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

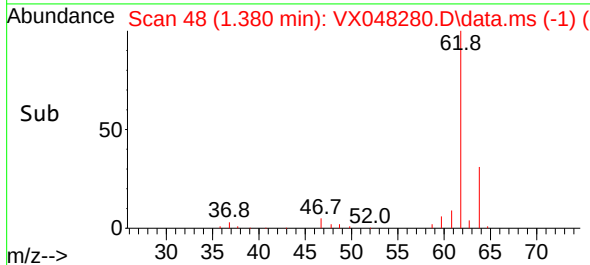
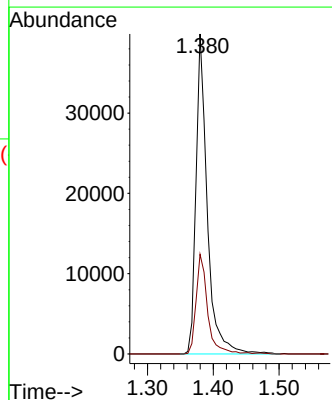
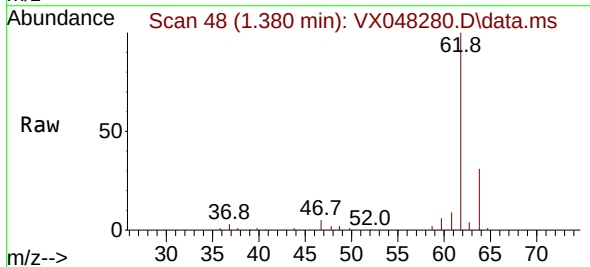
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

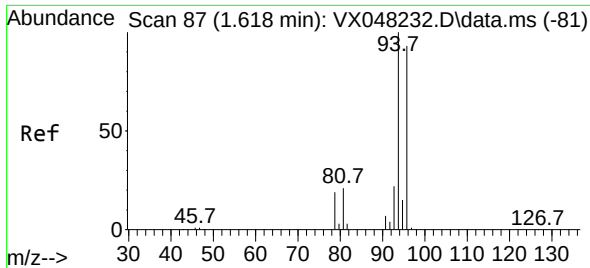
Tgt Ion: 50 Resp: 49425
Ion Ratio Lower Upper
50 100
52 33.0 25.9 38.9



#4
Vinyl Chloride
Concen: 47.239 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 62 Resp: 47382
Ion Ratio Lower Upper
62 100
64 31.2 25.1 37.7

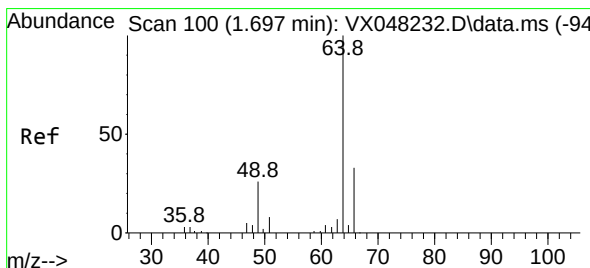
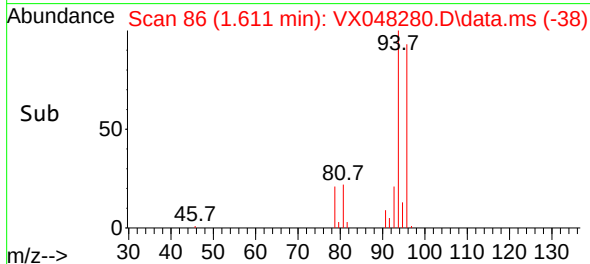
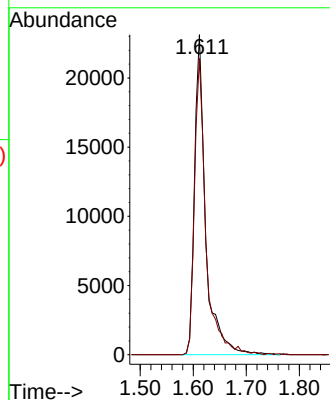
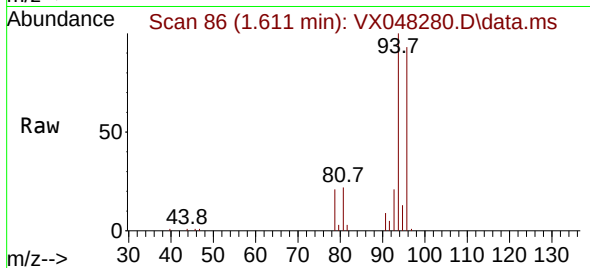




#5
Bromomethane
Concen: 49.271 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

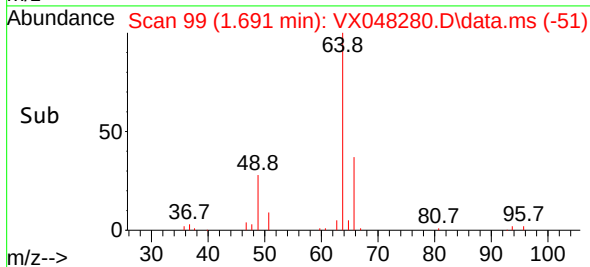
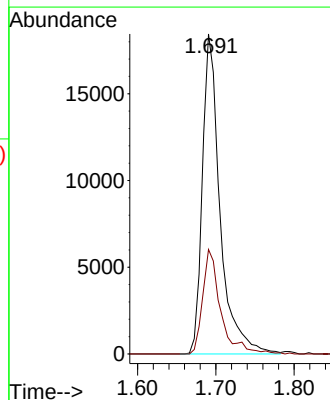
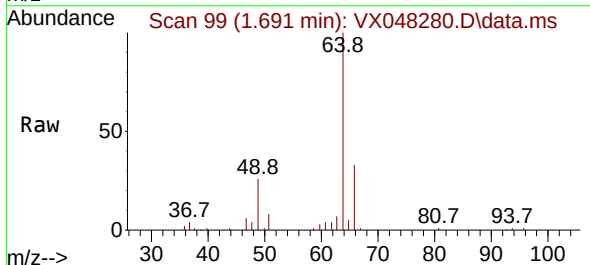
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

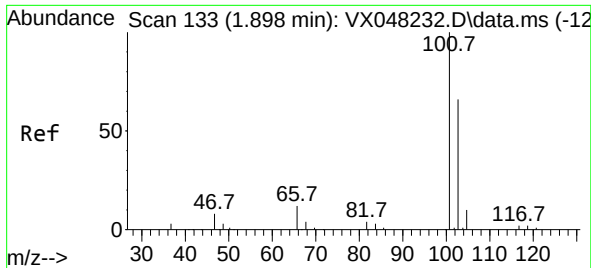
Tgt Ion: 94 Resp: 33539
Ion Ratio Lower Upper
94 100
96 92.5 76.0 114.0



#6
Chloroethane
Concen: 49.038 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 64 Resp: 28903
Ion Ratio Lower Upper
64 100
66 32.7 23.9 35.9

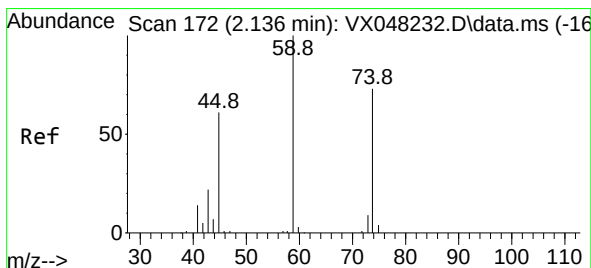
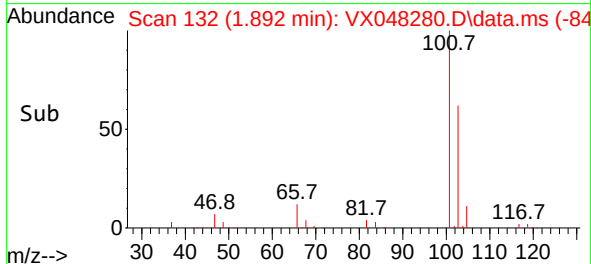
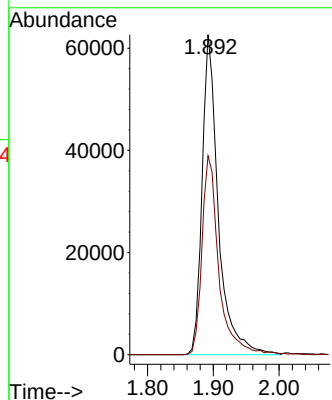
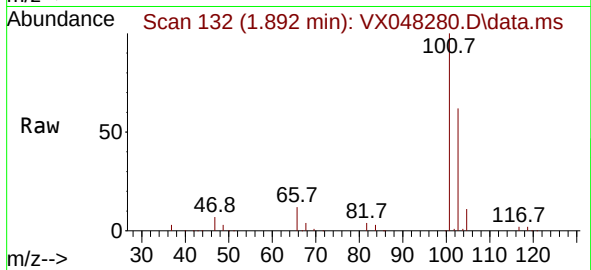




#7
 Trichlorofluoromethane
 Concen: 55.808 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX048280.D
 Acq: 22 Oct 2025 08:37

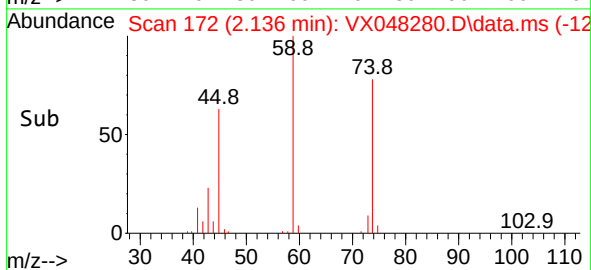
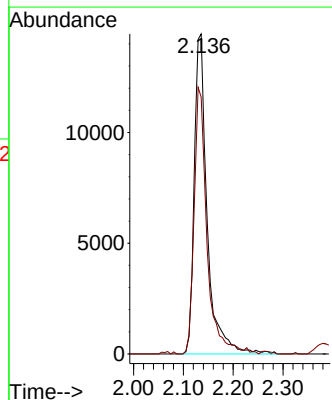
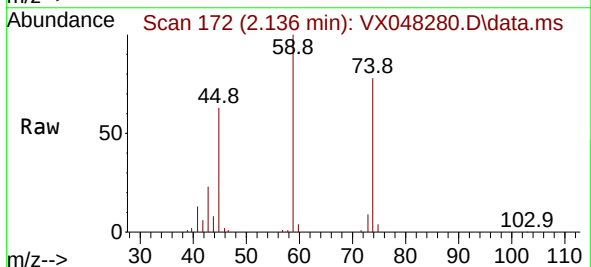
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

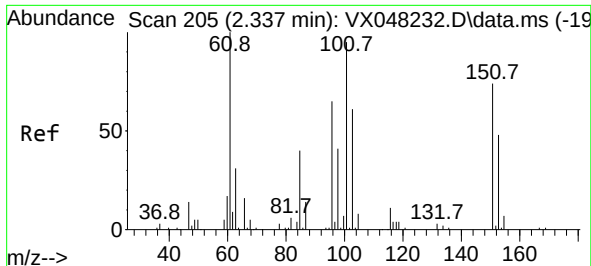
Tgt Ion:101 Resp: 107357
 Ion Ratio Lower Upper
 101 100
 103 62.2 51.6 77.4



#8
 Diethyl Ether
 Concen: 48.077 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX048280.D
 Acq: 22 Oct 2025 08:37

Tgt Ion: 74 Resp: 26023
 Ion Ratio Lower Upper
 74 100
 45 83.1 50.0 149.8

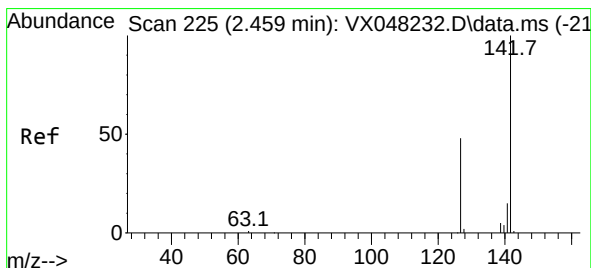
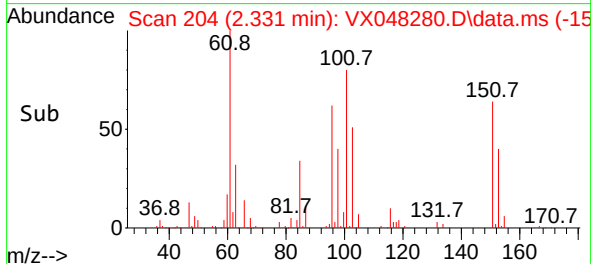
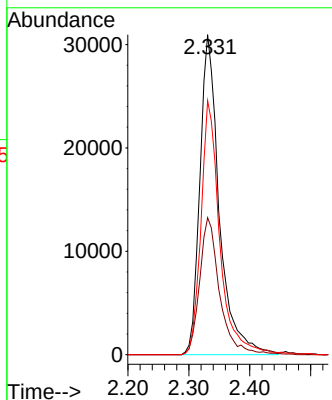
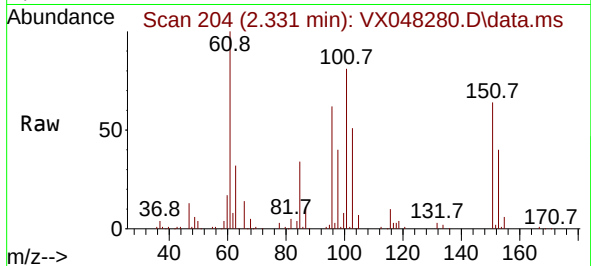




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 56.225 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. -0.006 min
 Lab File: VX048280.D
 Acq: 22 Oct 2025 08:37

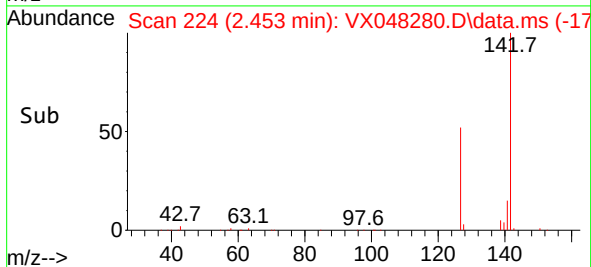
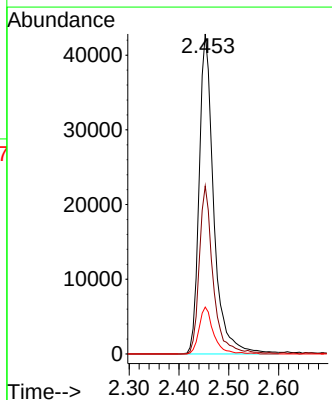
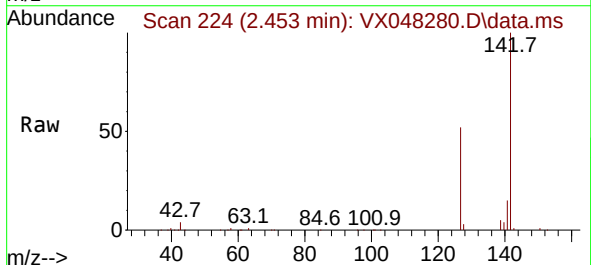
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

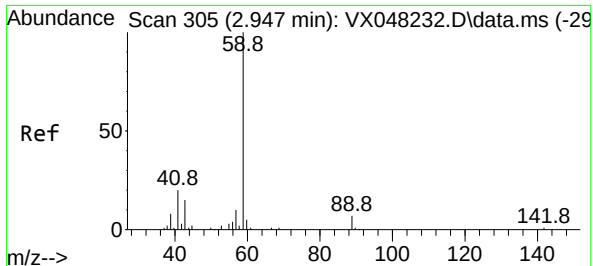
Tgt Ion:101 Resp: 68490
 Ion Ratio Lower Upper
 101 100
 85 44.2 35.6 53.4
 151 77.3 58.0 87.0



#10
 Methyl Iodide
 Concen: 56.868 ug/l
 RT: 2.453 min Scan# 224
 Delta R.T. -0.006 min
 Lab File: VX048280.D
 Acq: 22 Oct 2025 08:37

Tgt Ion:142 Resp: 87087
 Ion Ratio Lower Upper
 142 100
 127 49.9 38.5 57.7
 141 14.4 11.6 17.4





#11

Tert butyl alcohol

Concen: 227.724 ug/l

RT: 2.940 min Scan# 305

Delta R.T. -0.000 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Instrument :

MSVOA_X

ClientSampleId :

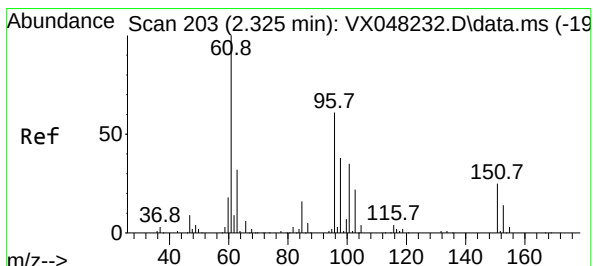
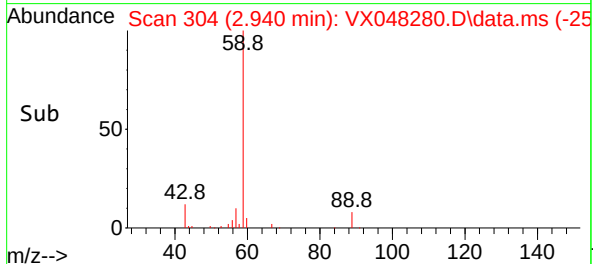
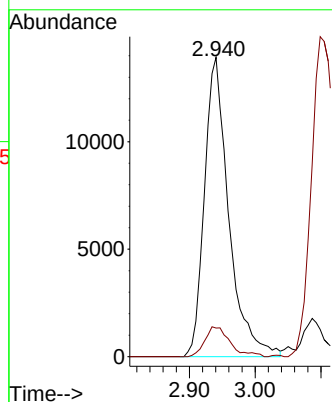
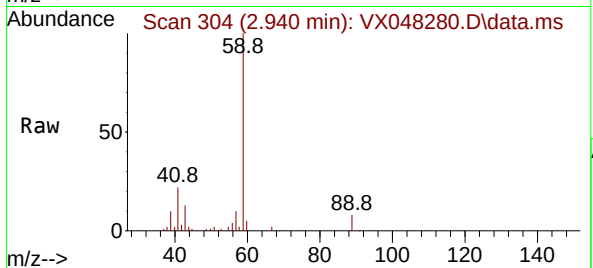
VSTDCCC050

Tgt Ion: 59 Resp: 35785

Ion Ratio Lower Upper

59 100

57 10.3 8.2 12.4



#12

1,1-Dichloroethene

Concen: 52.943 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.006 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

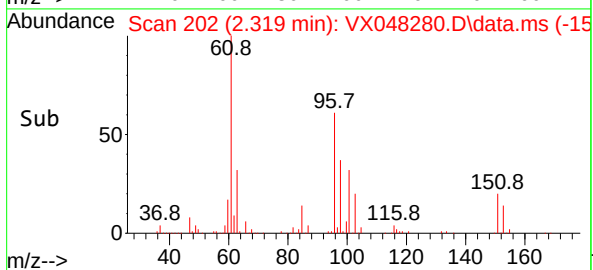
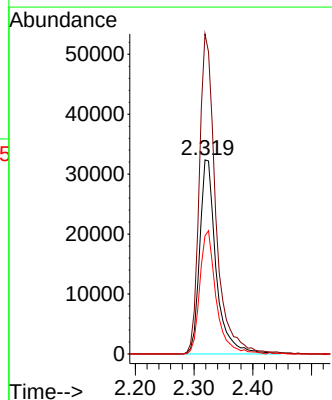
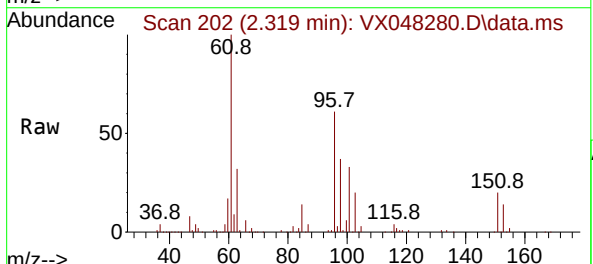
Tgt Ion: 96 Resp: 62744

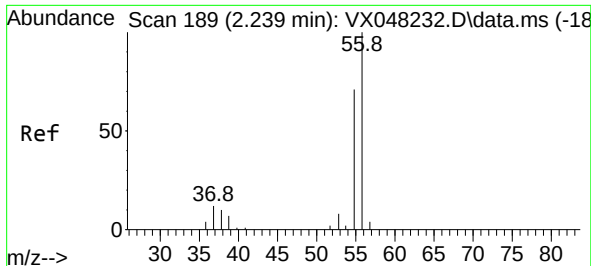
Ion Ratio Lower Upper

96 100

61 164.9 139.0 208.6

98 63.0 52.4 78.6

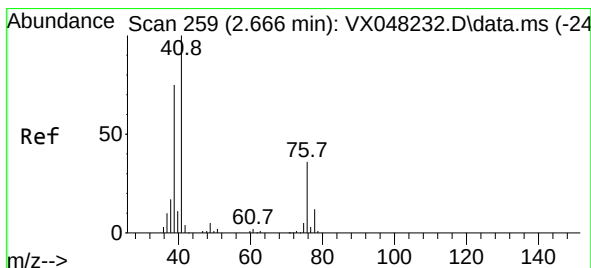
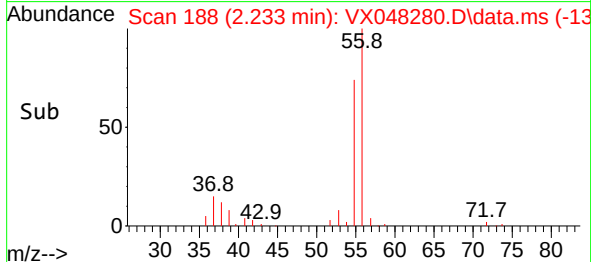
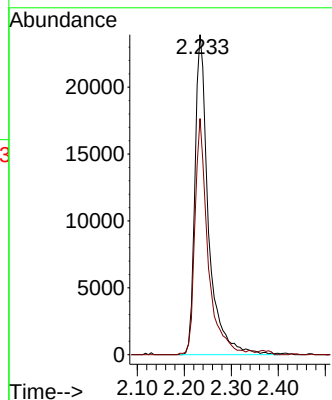
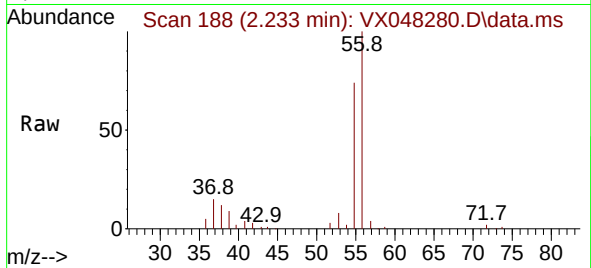




#13
Acrolein
Concen: 300.005 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

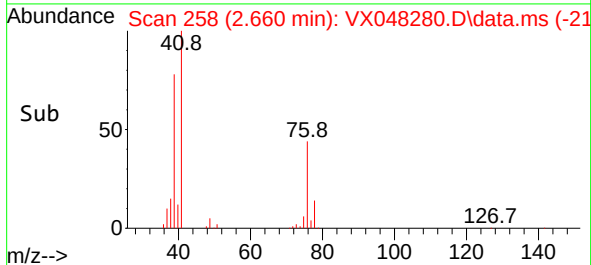
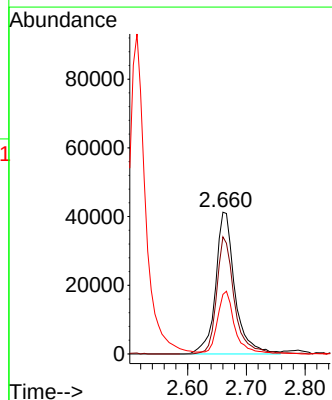
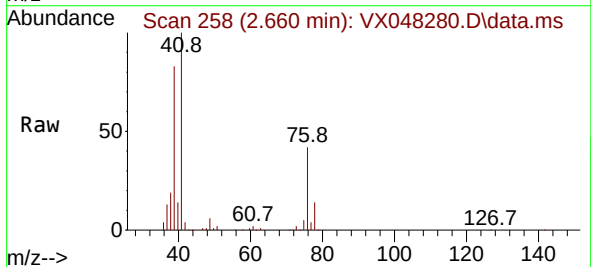
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

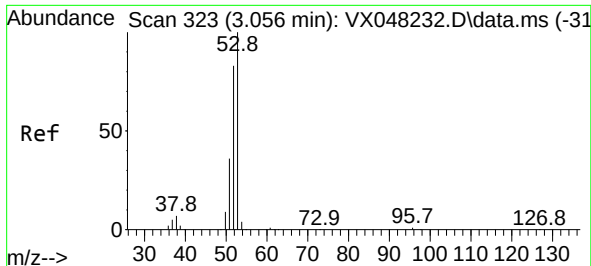
Tgt Ion: 56 Resp: 48081
Ion Ratio Lower Upper
56 100
55 71.2 56.1 84.1



#14
Allyl chloride
Concen: 47.813 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 41 Resp: 94077
Ion Ratio Lower Upper
41 100
39 76.3 56.0 84.0
76 40.4 27.5 41.3

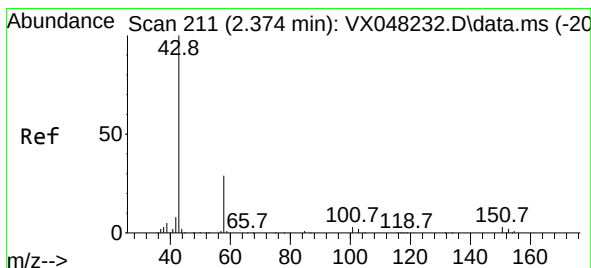
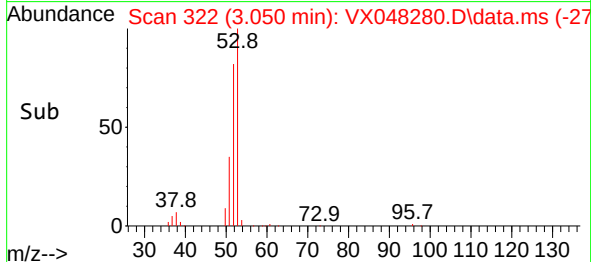
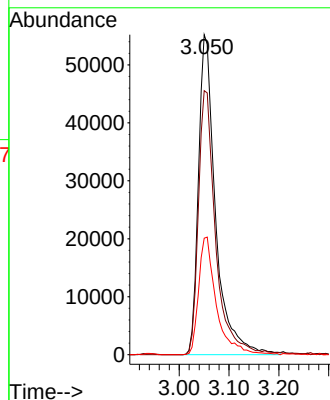
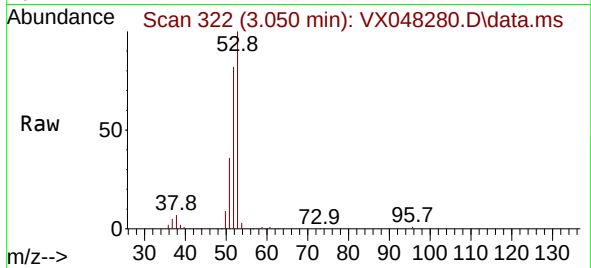




#15
Acrylonitrile
Concen: 232.450 ug/l
RT: 3.050 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

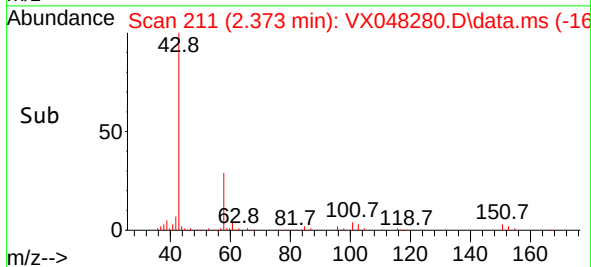
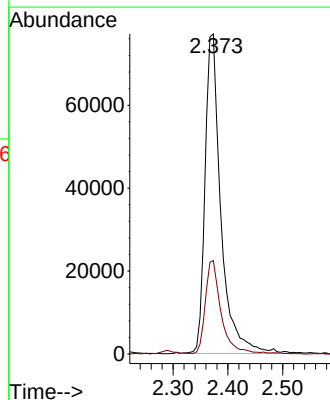
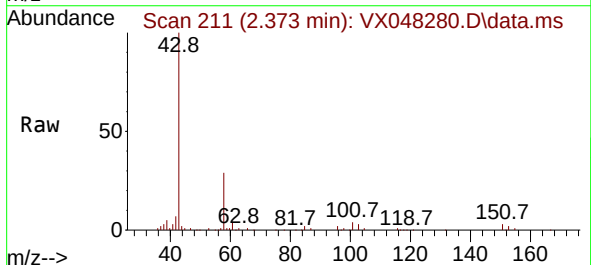
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

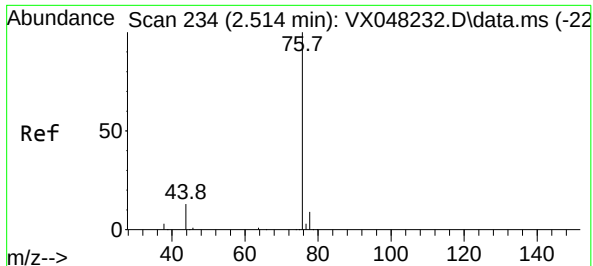
Tgt Ion: 53 Resp: 131715
Ion Ratio Lower Upper
53 100
52 83.7 66.1 99.1
51 38.2 29.0 43.4



#16
Acetone
Concen: 284.337 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 43 Resp: 154383
Ion Ratio Lower Upper
43 100
58 29.0 23.4 35.2

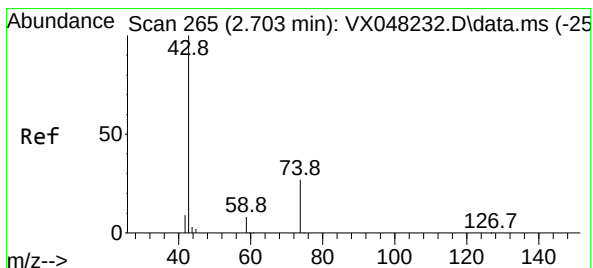
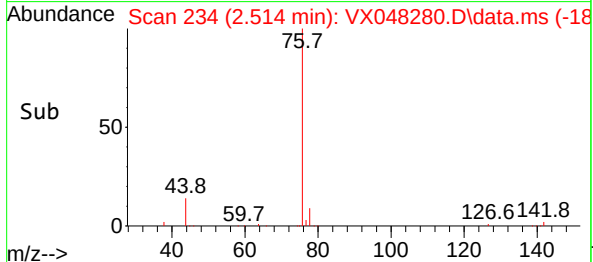
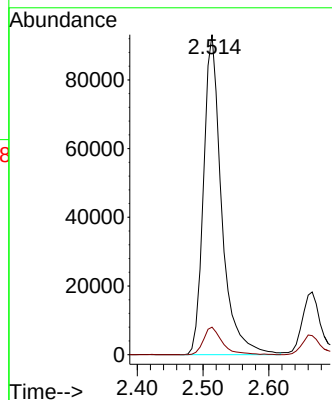
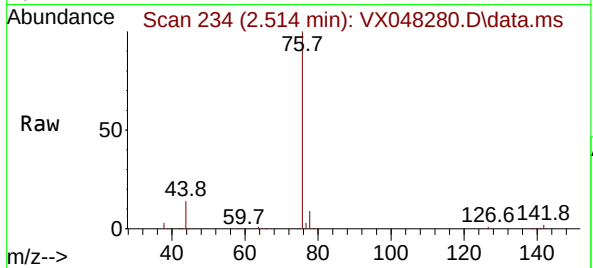




#17
Carbon Disulfide
Concen: 47.654 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

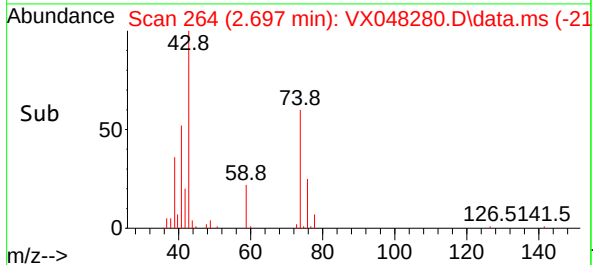
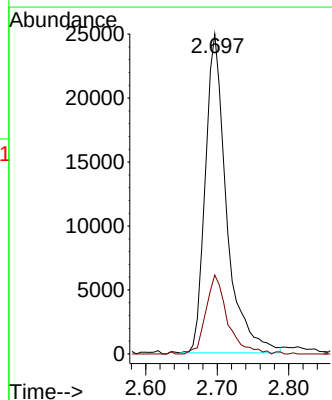
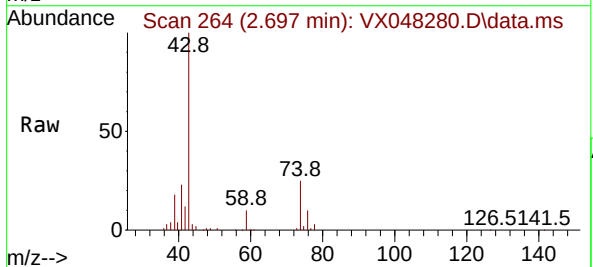
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

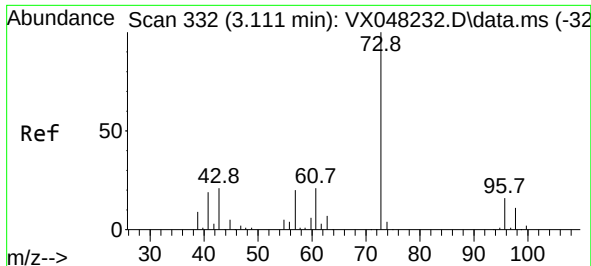
Tgt Ion: 76 Resp: 177992
Ion Ratio Lower Upper
76 100
78 8.6 7.1 10.7



#18
Methyl Acetate
Concen: 45.566 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 43 Resp: 51668
Ion Ratio Lower Upper
43 100
74 25.0 17.5 26.3

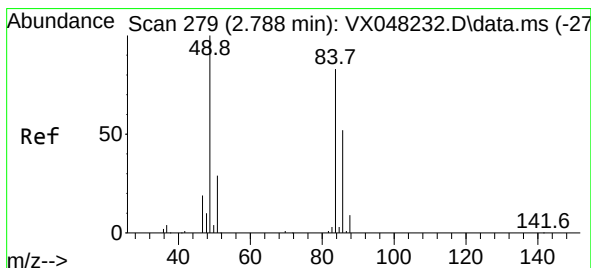
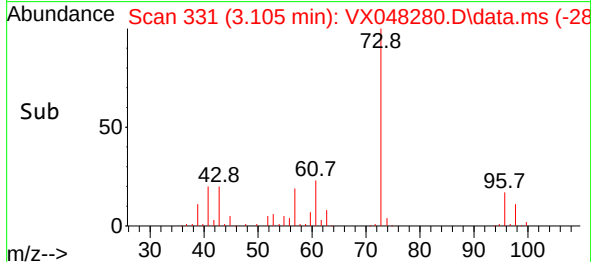
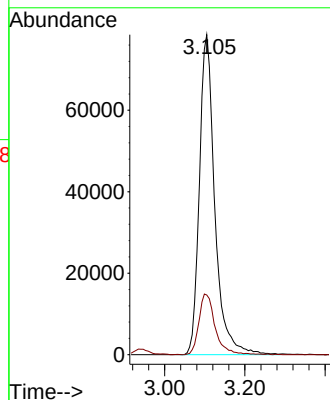
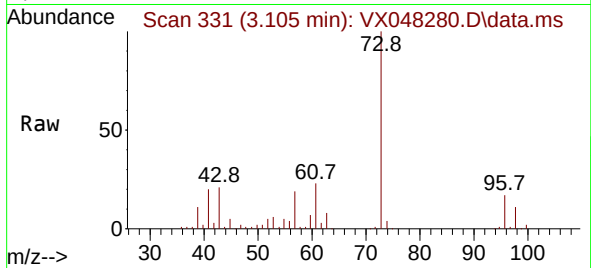




#19
Methyl tert-butyl Ether
Concen: 51.835 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

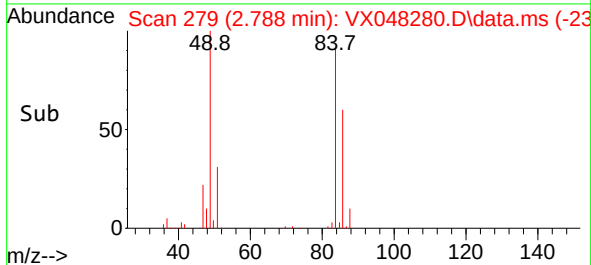
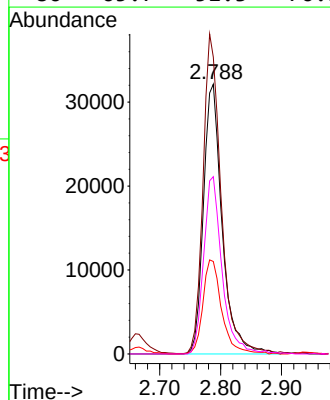
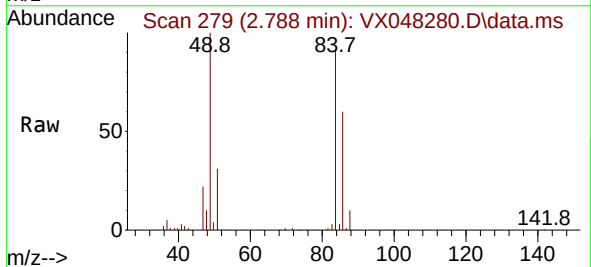
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

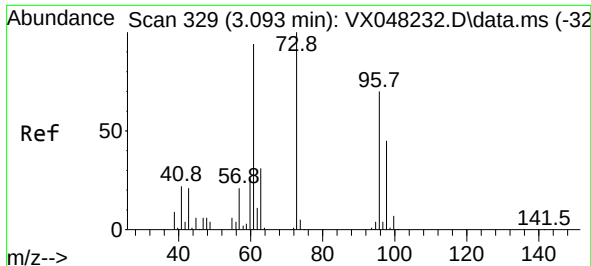
Tgt Ion: 73 Resp: 209570
Ion Ratio Lower Upper
73 100
57 18.6 17.7 26.5



#20
Methylene Chloride
Concen: 51.912 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 84 Resp: 68678
Ion Ratio Lower Upper
84 100
49 109.8 104.1 156.1
51 34.3 31.3 46.9
86 65.7 51.3 76.9

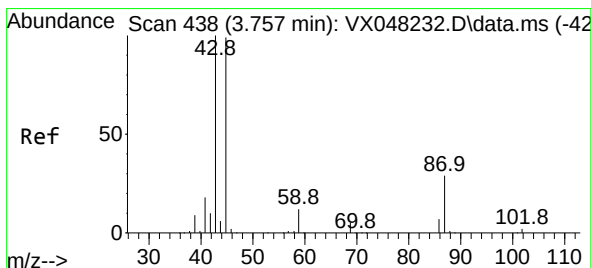
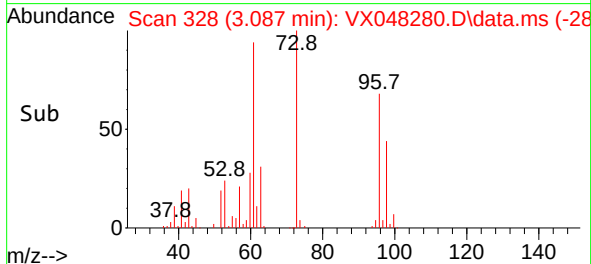
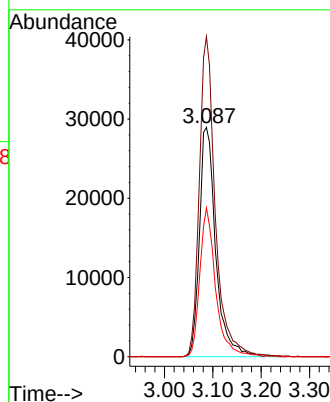
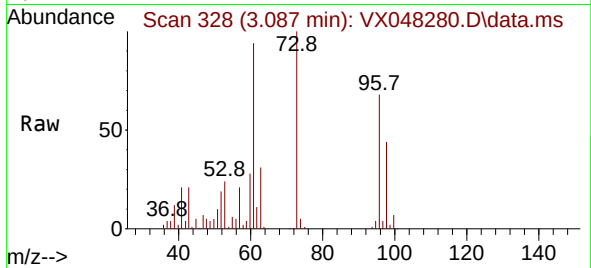




#21
trans-1,2-Dichloroethene
Concen: 52.315 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

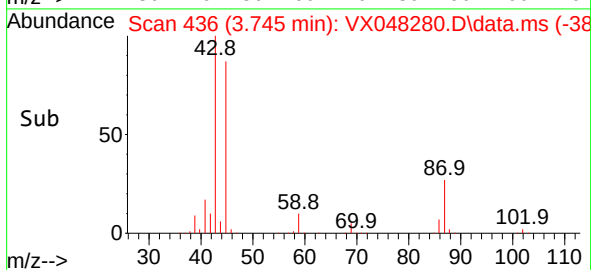
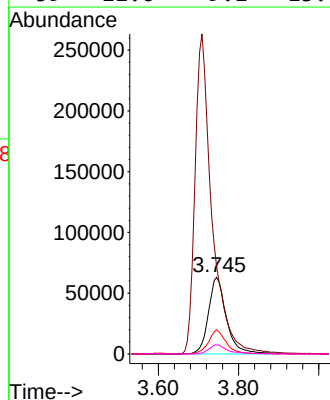
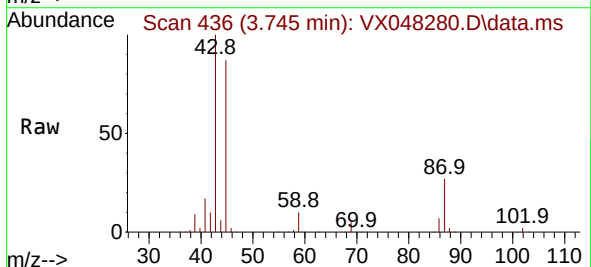
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

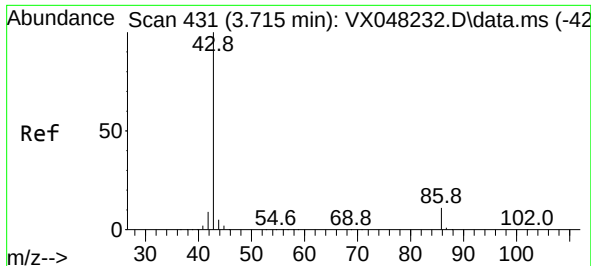
Tgt Ion: 96 Resp: 68104
Ion Ratio Lower Upper
96 100
61 139.6 111.9 167.9
98 64.9 51.2 76.8



#22
Diisopropyl ether
Concen: 50.085 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 45 Resp: 196556
Ion Ratio Lower Upper
45 100
43 115.1 89.8 134.8
87 31.6 20.6 31.0#
59 11.6 9.1 13.7

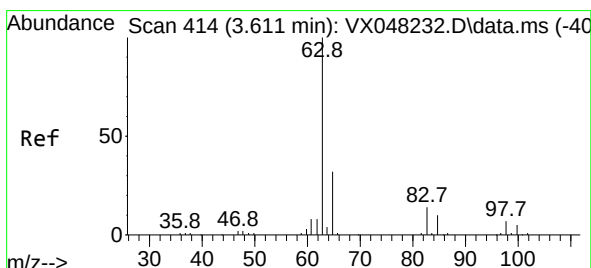
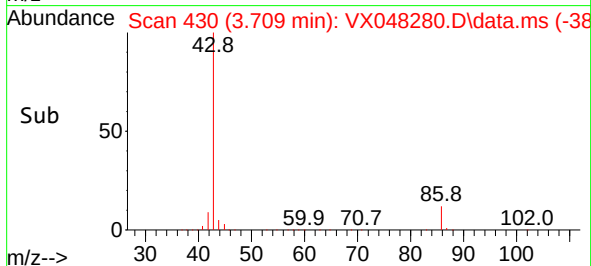
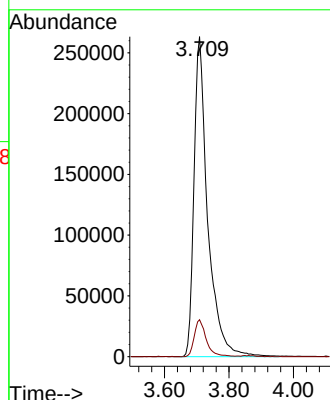
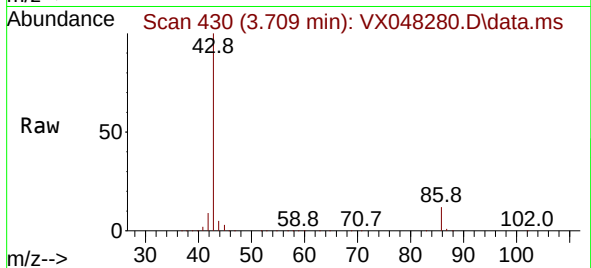




#23
 Vinyl Acetate
 Concen: 247.880 ug/l
 RT: 3.709 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX048280.D
 Acq: 22 Oct 2025 08:37

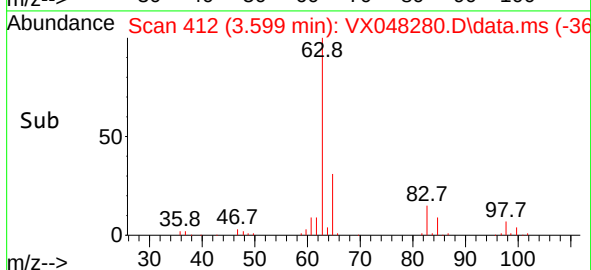
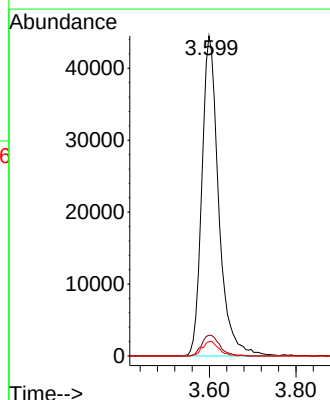
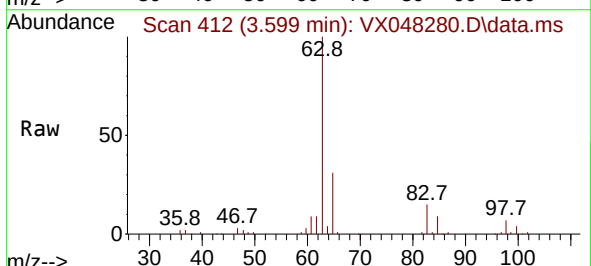
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

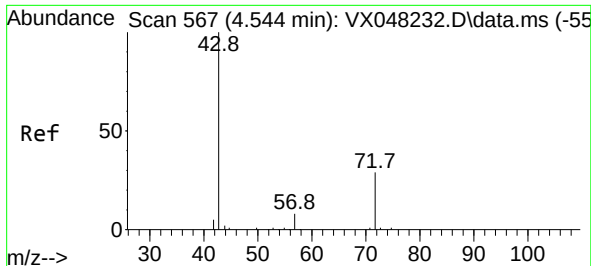
Tgt Ion: 43 Resp: 777072
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 50.586 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX048280.D
 Acq: 22 Oct 2025 08:37

Tgt Ion: 63 Resp: 120039
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.6
 100 4.5 2.1 6.3

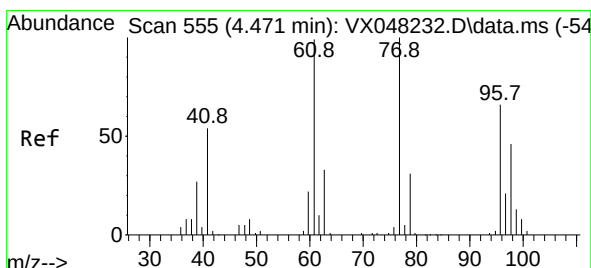
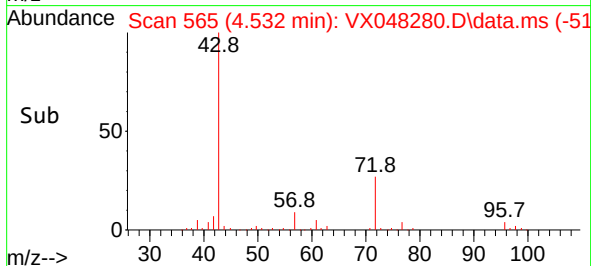
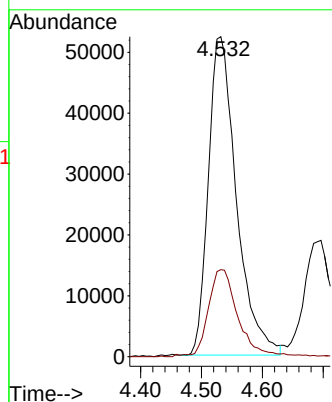
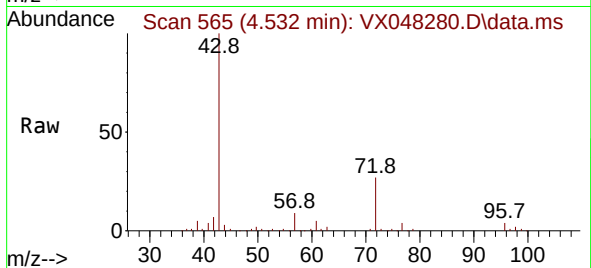




#25
2-Butanone
Concen: 244.037 ug/l
RT: 4.532 min Scan# 503
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

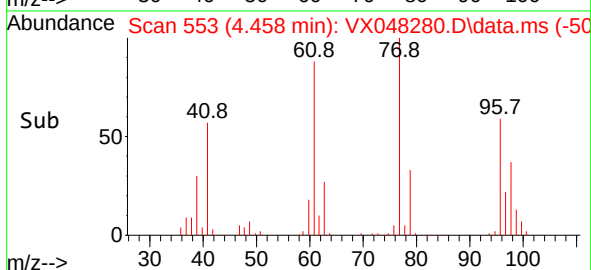
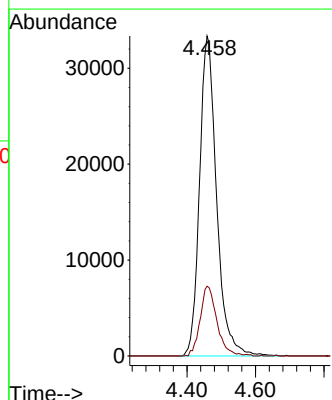
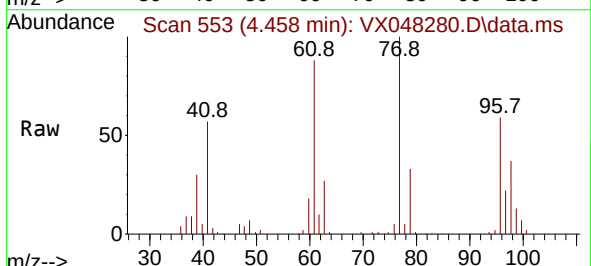
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

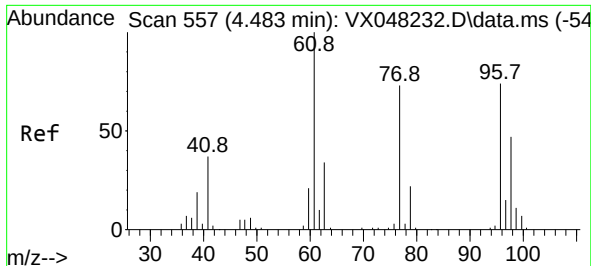
Tgt Ion: 43 Resp: 167713
Ion Ratio Lower Upper
43 100
72 26.5 19.9 29.9



#26
2,2-Dichloropropane
Concen: 53.950 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 77 Resp: 115554
Ion Ratio Lower Upper
77 100
97 21.4 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 50.857 ug/l

RT: 4.471 min Scan# 51

Delta R.T. -0.012 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

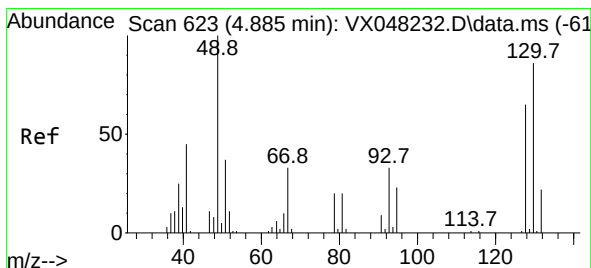
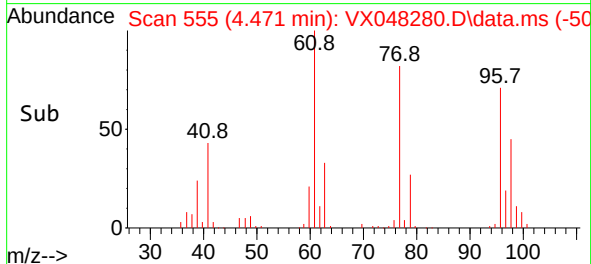
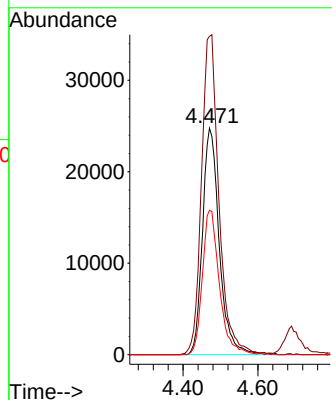
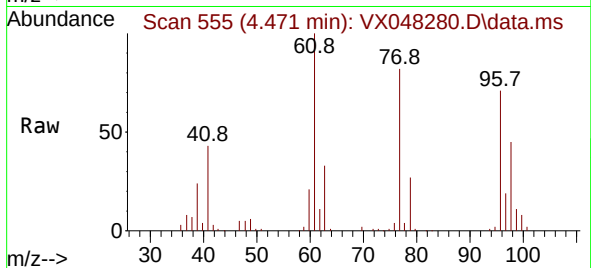
Tgt Ion: 96 Resp: 77266

Ion Ratio Lower Upper

96 100

61 147.0 0.0 294.2

98 64.5 0.0 128.4



#28

Bromochloromethane

Concen: 51.316 ug/l

RT: 4.879 min Scan# 622

Delta R.T. -0.006 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

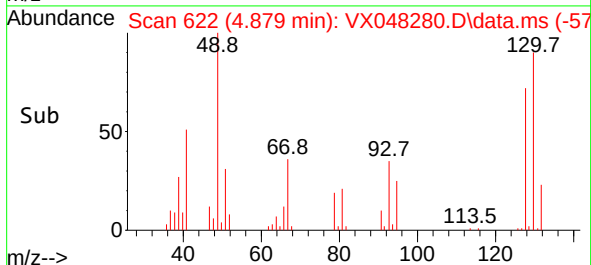
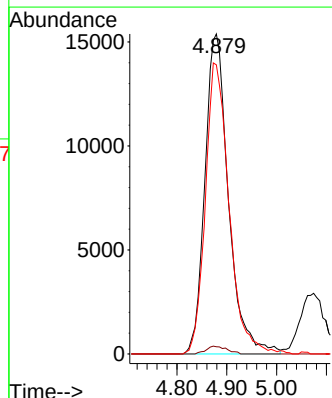
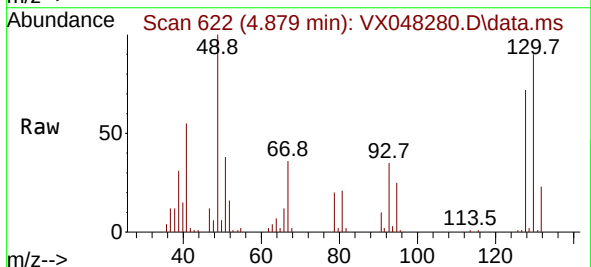
Tgt Ion: 49 Resp: 50491

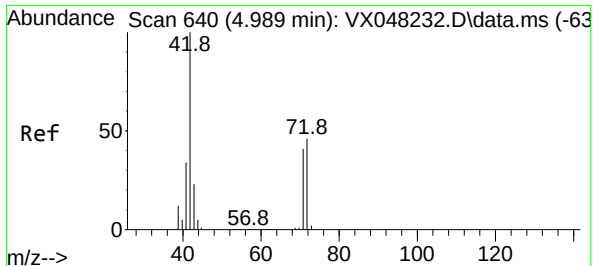
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

130 91.7 59.3 88.9#





#29

Tetrahydrofuran

Concen: 218.666 ug/l

RT: 4.983 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

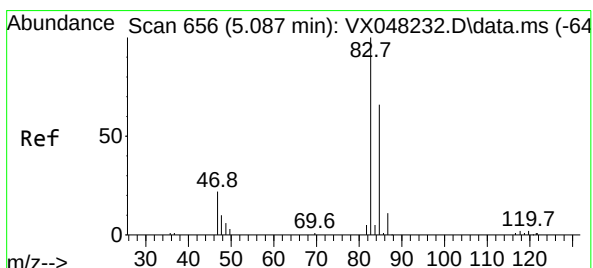
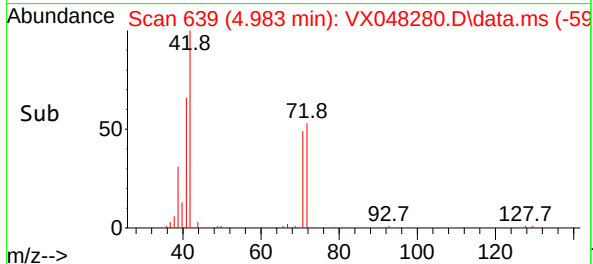
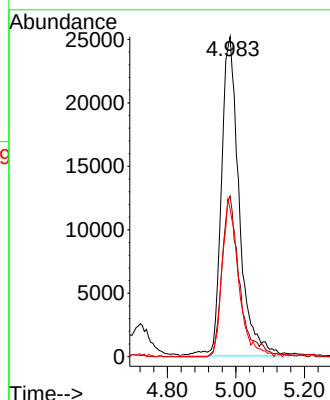
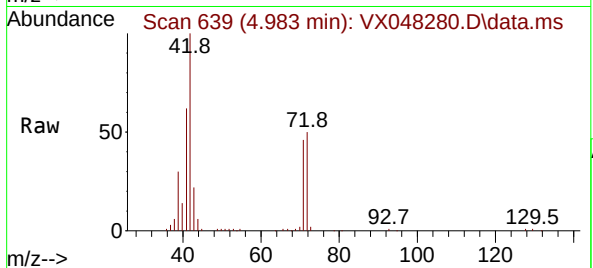
Tgt Ion: 42 Resp: 90001

Ion Ratio Lower Upper

42 100

72 50.1 35.3 52.9

71 45.9 32.2 48.4



#30

Chloroform

Concen: 51.559 ug/l

RT: 5.074 min Scan# 654

Delta R.T. -0.006 min

Lab File: VX048280.D

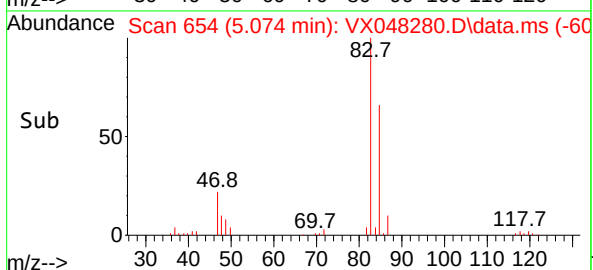
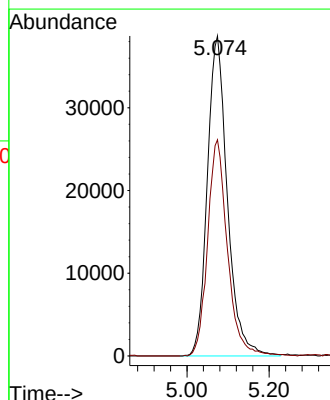
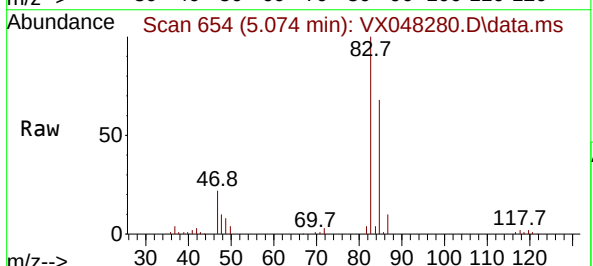
Acq: 22 Oct 2025 08:37

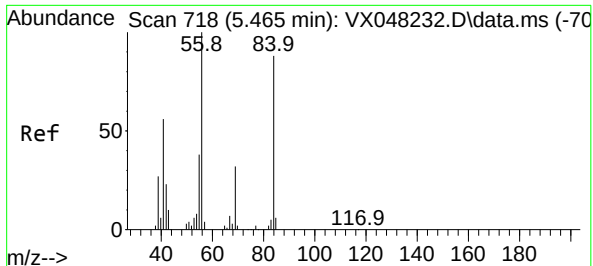
Tgt Ion: 83 Resp: 130715

Ion Ratio Lower Upper

83 100

85 67.6 50.1 75.1

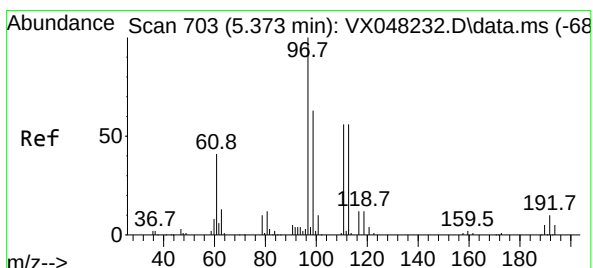
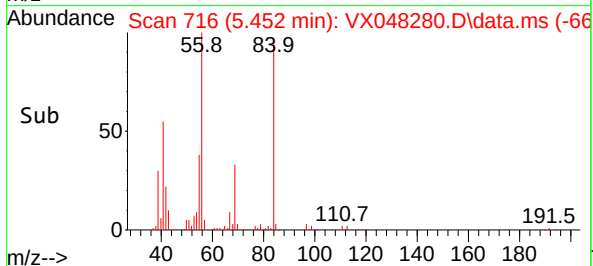
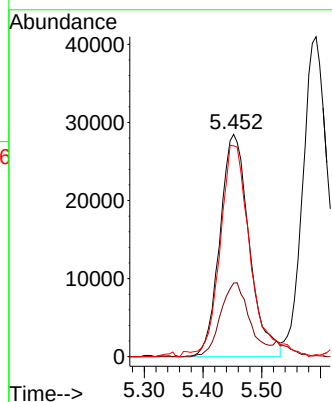
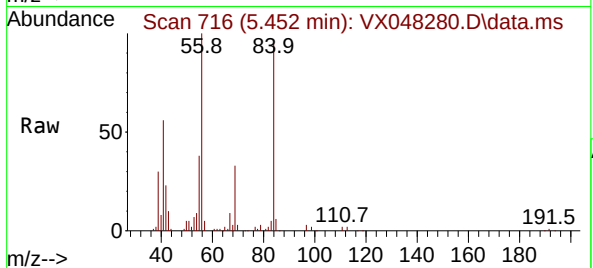




#31
Cyclohexane
Concen: 50.349 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

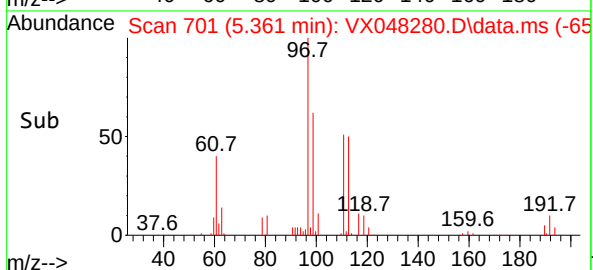
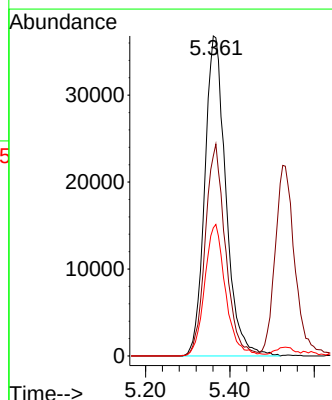
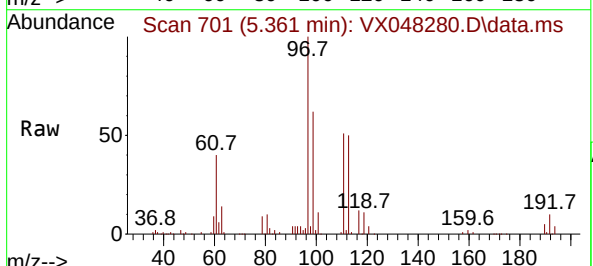
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

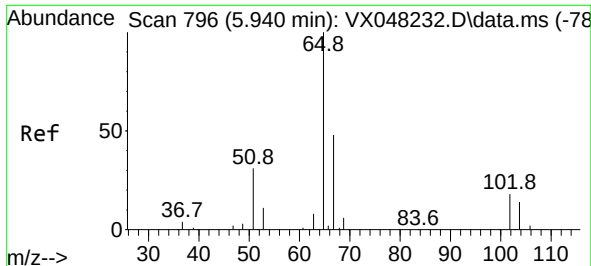
Tgt Ion: 56 Resp: 98916
Ion Ratio Lower Upper
56 100
69 32.7 23.0 34.6
84 94.9 64.6 97.0



#32
1,1,1-Trichloroethane
Concen: 54.907 ug/l
RT: 5.361 min Scan# 701
Delta R.T. -0.012 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 97 Resp: 128292
Ion Ratio Lower Upper
97 100
99 63.2 51.7 77.5
61 40.7 34.8 52.2

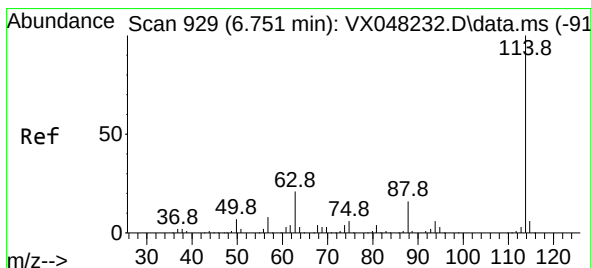
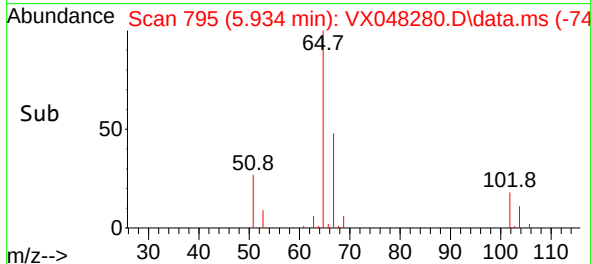
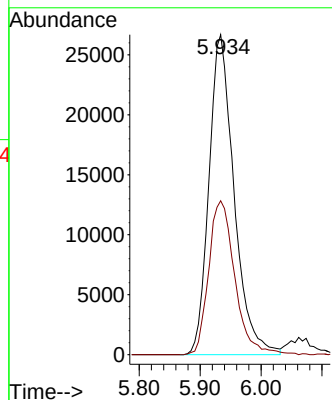
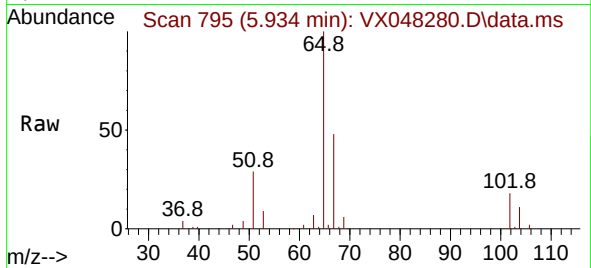




#33
 1,2-Dichloroethane-d4
 Concen: 48.250 ug/l
 RT: 5.934 min Scan# 796
 Delta R.T. -0.006 min
 Lab File: VX048280.D
 Acq: 22 Oct 2025 08:37

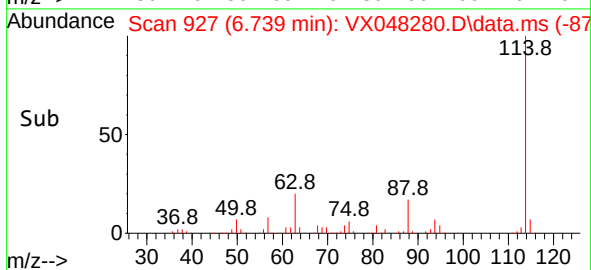
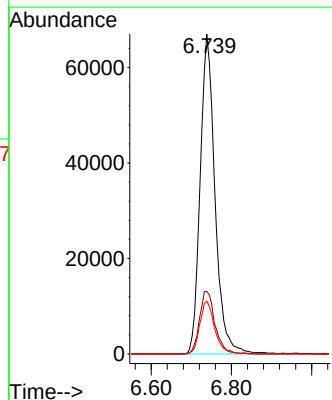
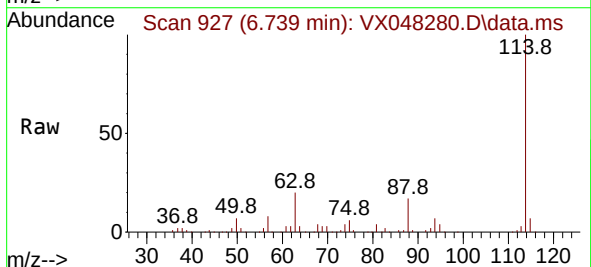
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

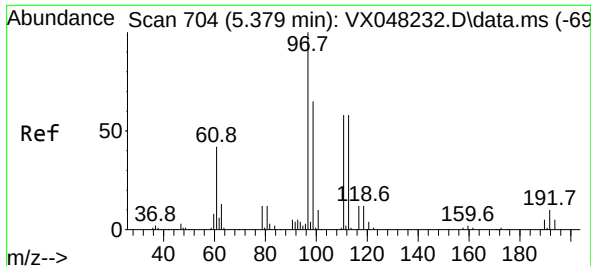
Tgt Ion: 65 Resp: 76366
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.739 min Scan# 927
 Delta R.T. -0.006 min
 Lab File: VX048280.D
 Acq: 22 Oct 2025 08:37

Tgt Ion: 114 Resp: 171616
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 43.2
 88 16.5 0.0 33.6

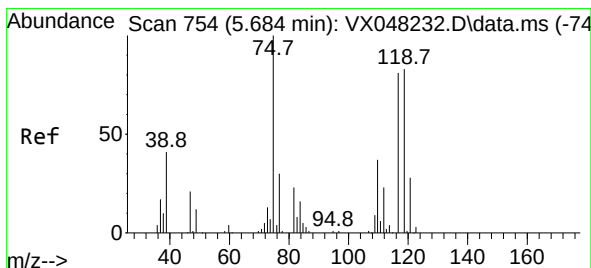
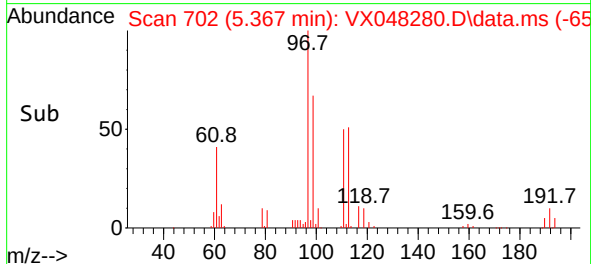
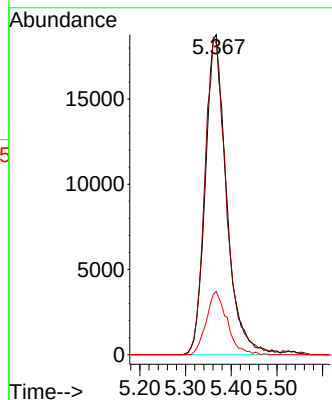
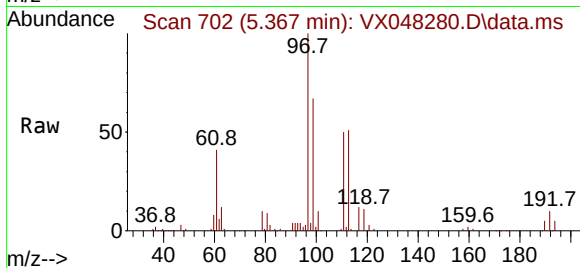




#35
 Dibromofluoromethane
 Concen: 51.667 ug/l
 RT: 5.367 min Scan# 704
 Delta R.T. -0.006 min
 Lab File: VX048280.D
 Acq: 22 Oct 2025 08:37

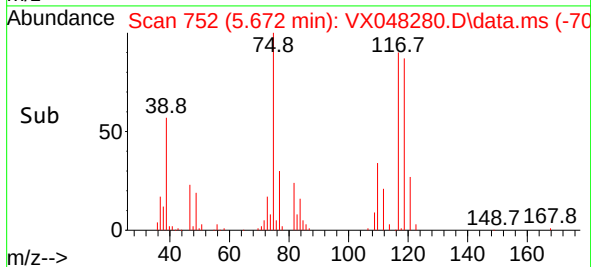
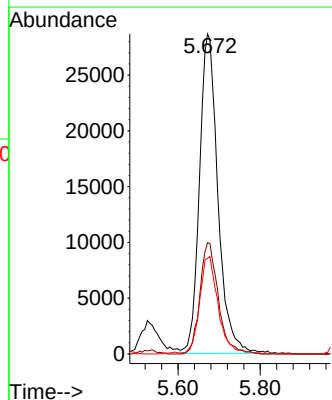
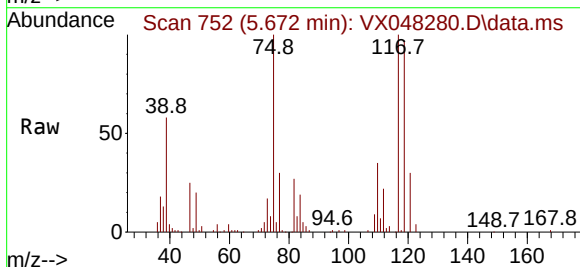
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

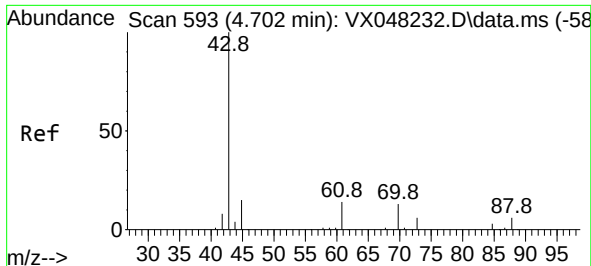
Tgt Ion:113 Resp: 60534
 Ion Ratio Lower Upper
 113 100
 111 100.7 82.2 123.4
 192 19.4 15.1 22.7



#36
 1,1-Dichloropropene
 Concen: 53.632 ug/l
 RT: 5.672 min Scan# 752
 Delta R.T. -0.012 min
 Lab File: VX048280.D
 Acq: 22 Oct 2025 08:37

Tgt Ion: 75 Resp: 89311
 Ion Ratio Lower Upper
 75 100
 110 34.6 17.7 53.1
 77 30.8 24.3 36.5





#37

Ethyl Acetate

Concen: 46.733 ug/l

RT: 4.696 min Scan# 593

Delta R.T. -0.000 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

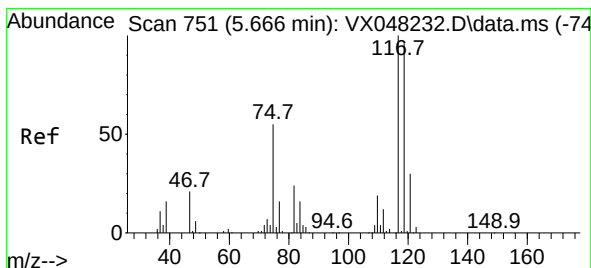
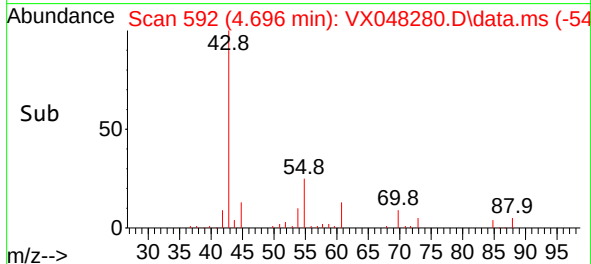
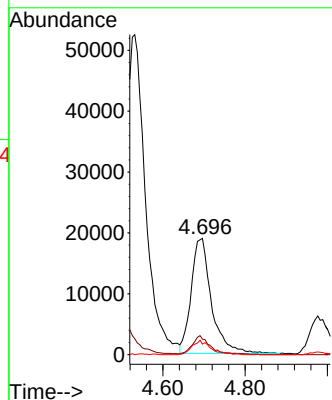
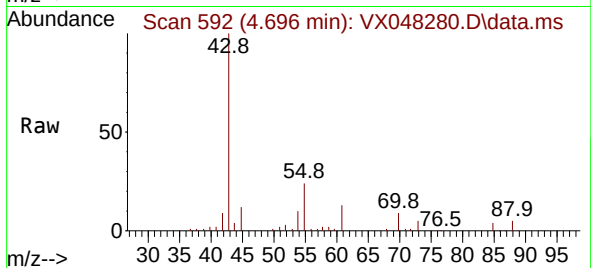
Tgt Ion: 43 Resp: 64504

Ion Ratio Lower Upper

43 100

61 15.1 10.6 15.8

70 11.3 7.8 11.6



#38

Carbon Tetrachloride

Concen: 57.216 ug/l

RT: 5.659 min Scan# 750

Delta R.T. -0.006 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

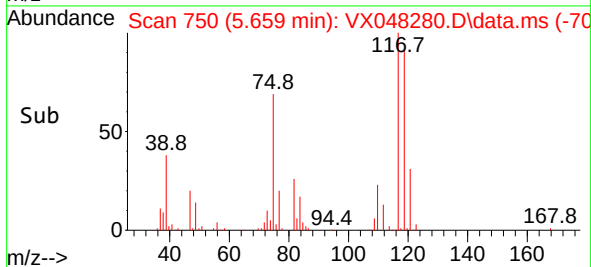
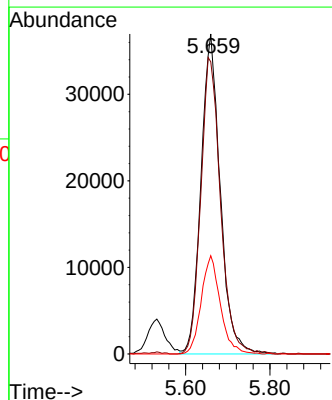
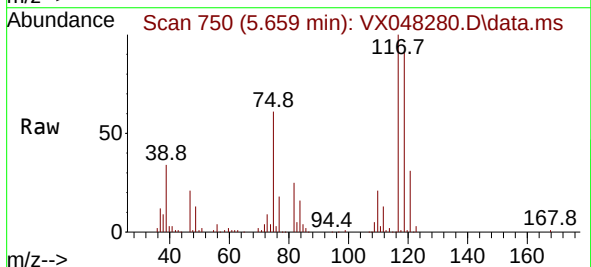
Tgt Ion: 117 Resp: 117550

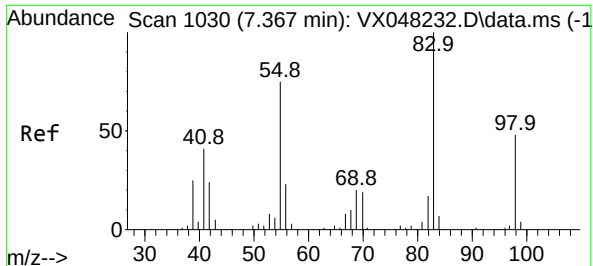
Ion Ratio Lower Upper

117 100

119 91.2 77.2 115.8

121 30.7 24.8 37.2





#39

Methylcyclohexane

Concen: 55.285 ug/l

RT: 7.360 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

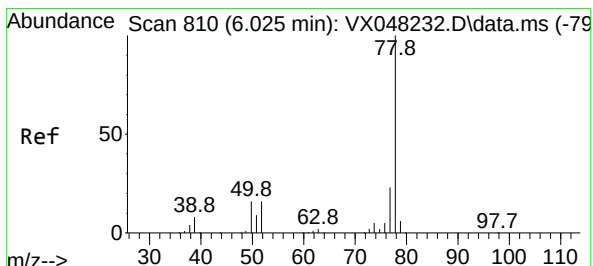
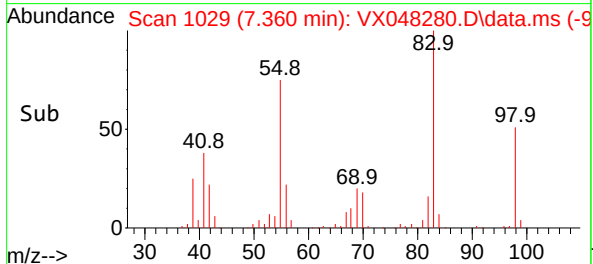
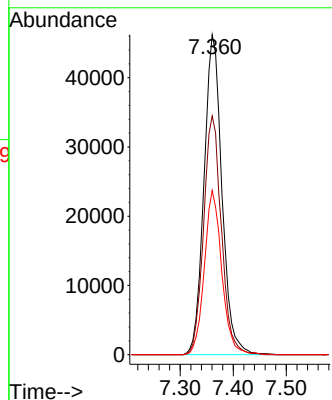
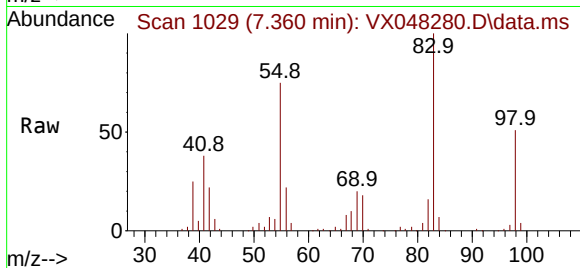
Tgt Ion: 83 Resp: 108726

Ion Ratio Lower Upper

83 100

55 74.6 66.2 99.2

98 51.3 38.9 58.3



#40

Benzene

Concen: 52.383 ug/l

RT: 6.013 min Scan# 808

Delta R.T. -0.012 min

Lab File: VX048280.D

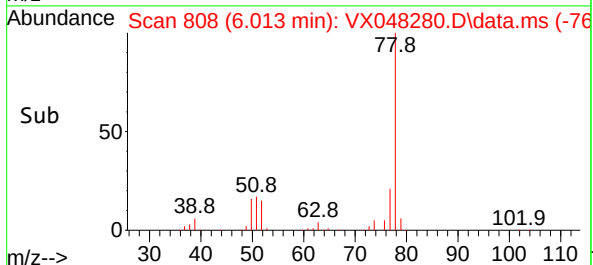
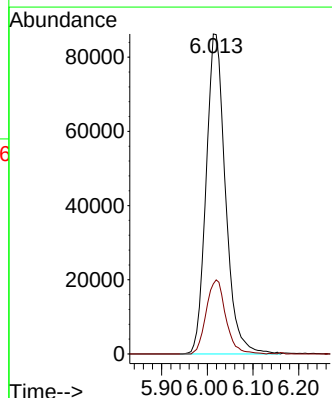
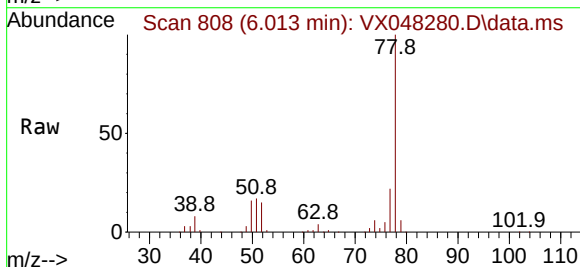
Acq: 22 Oct 2025 08:37

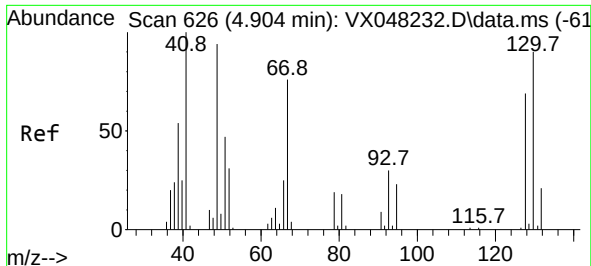
Tgt Ion: 78 Resp: 253259

Ion Ratio Lower Upper

78 100

77 21.9 19.3 28.9



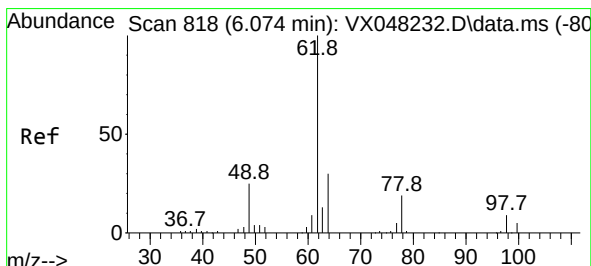
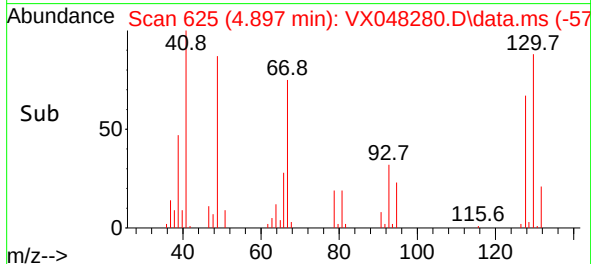
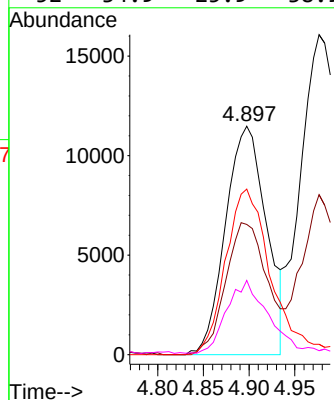
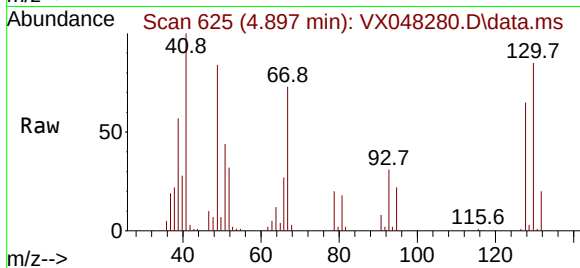


#41
Methacrylonitrile
Concen: 49.349 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 35771

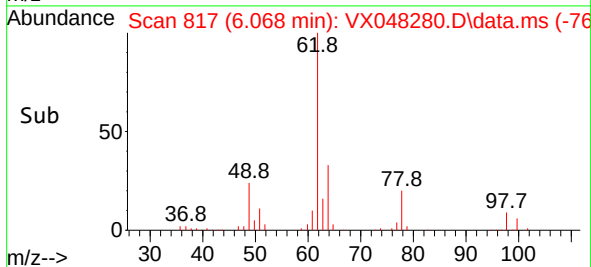
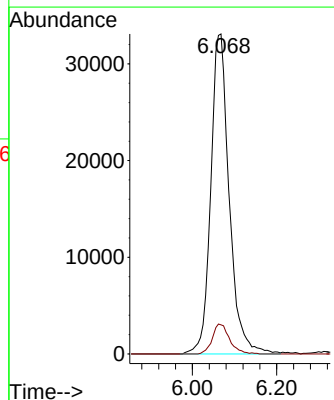
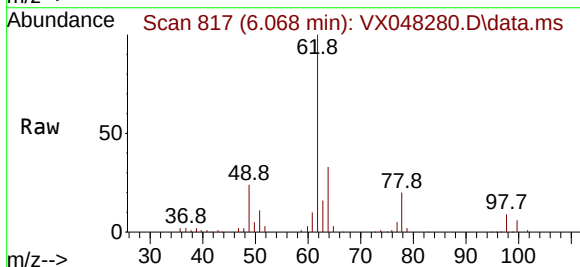
Ion	Ratio	Lower	Upper
41	100		
39	57.8	44.0	66.0
67	81.6	58.7	88.1
52	34.9	25.9	38.9

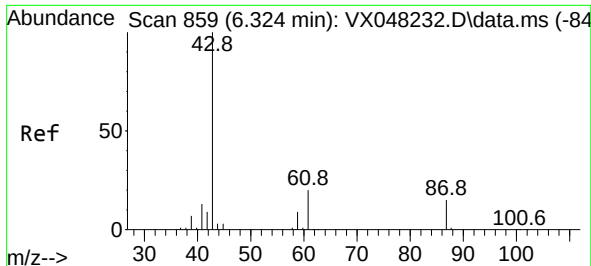


#42
1,2-Dichloroethane
Concen: 56.333 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 62 Resp: 100501

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.2

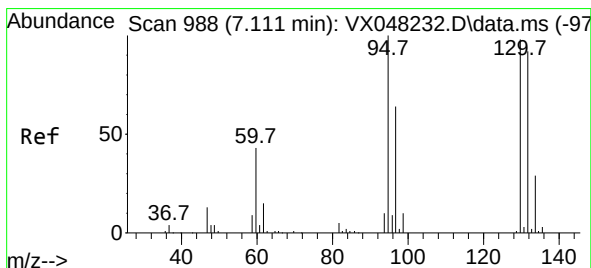
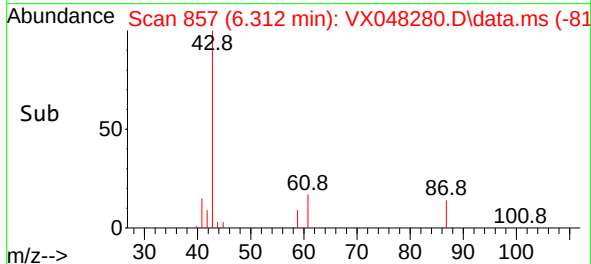
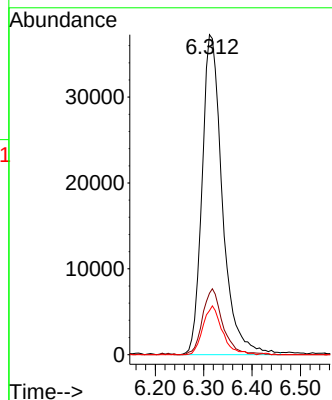
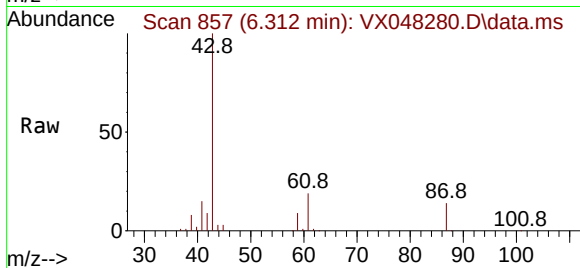




#43
Isopropyl Acetate
Concen: 48.053 ug/l
RT: 6.312 min Scan# 81
Delta R.T. -0.012 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

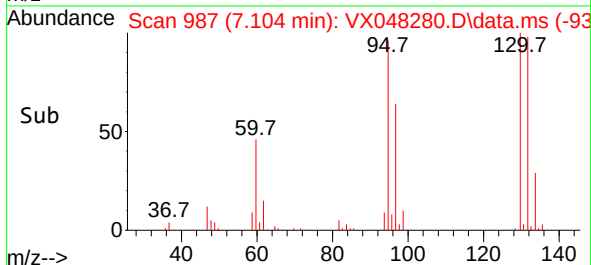
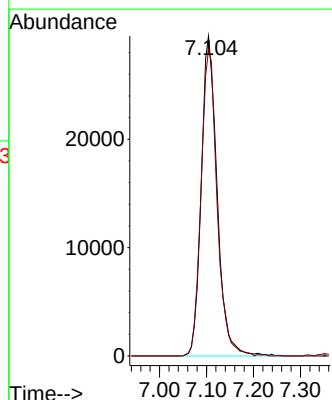
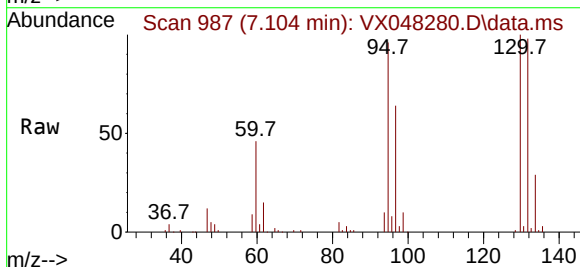
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

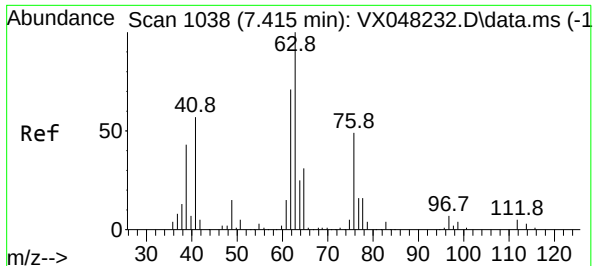
Tgt Ion: 43 Resp: 108948
Ion Ratio Lower Upper
43 100
61 20.4 14.9 22.3
87 14.4 9.4 14.2#



#44
Trichloroethene
Concen: 54.227 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:130 Resp: 69227
Ion Ratio Lower Upper
130 100
95 95.7 0.0 200.6





#45

1,2-Dichloropropane

Concen: 52.114 ug/l

RT: 7.409 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Instrument :

MSVOA_X

ClientSampleId :

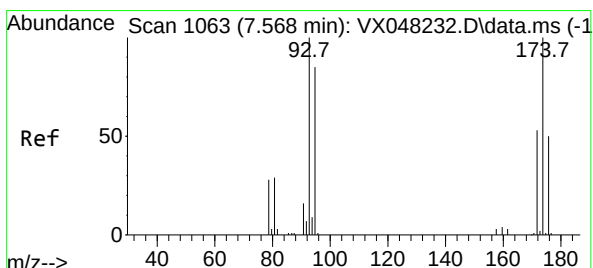
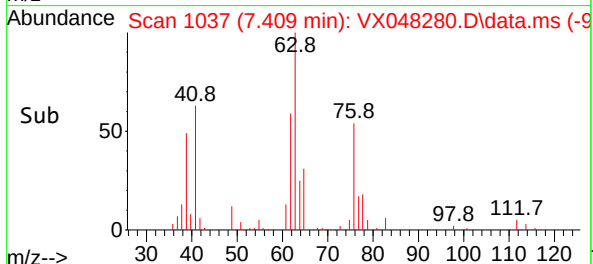
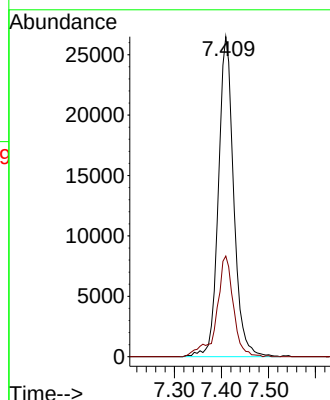
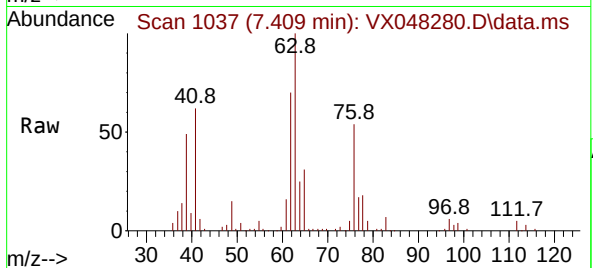
VSTDCCC050

Tgt Ion: 63 Resp: 59904

Ion Ratio Lower Upper

63 100

65 31.5 24.1 36.1



#46

Dibromomethane

Concen: 52.817 ug/l

RT: 7.562 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

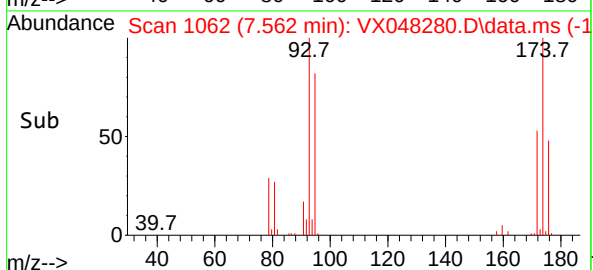
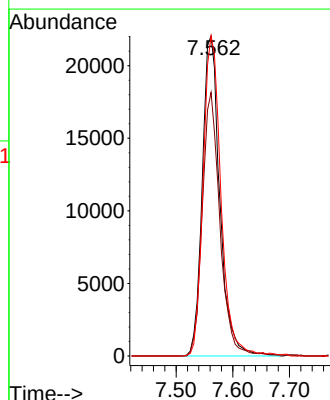
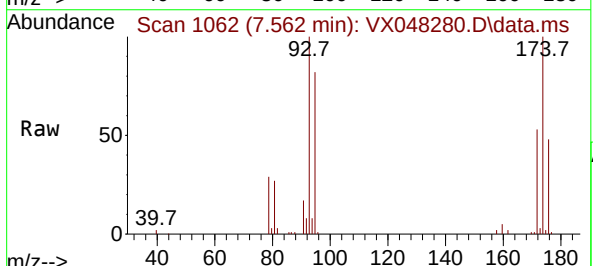
Tgt Ion: 93 Resp: 47300

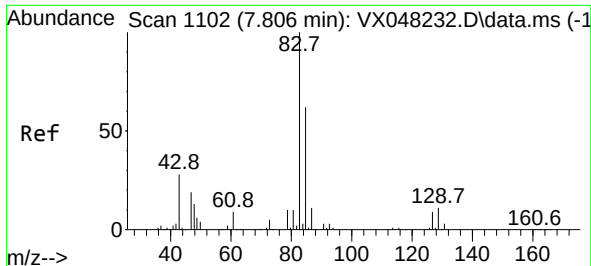
Ion Ratio Lower Upper

93 100

95 82.8 65.9 98.9

174 102.0 71.7 107.5

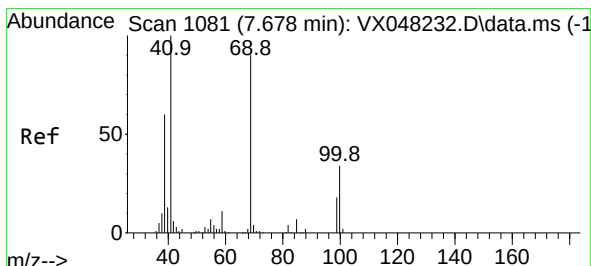
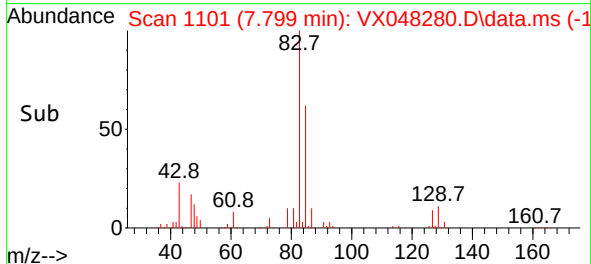
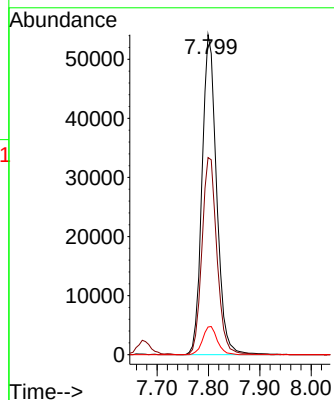
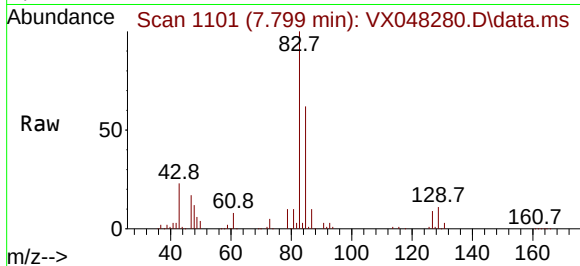




#47
Bromodichloromethane
Concen: 55.092 ug/l
RT: 7.799 min Scan# 1102
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

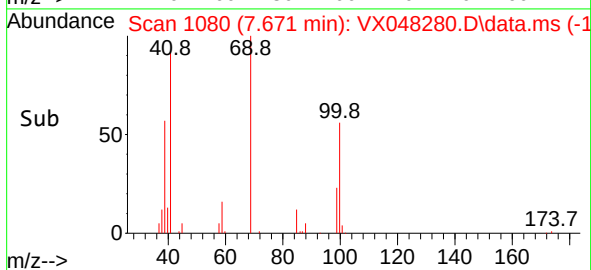
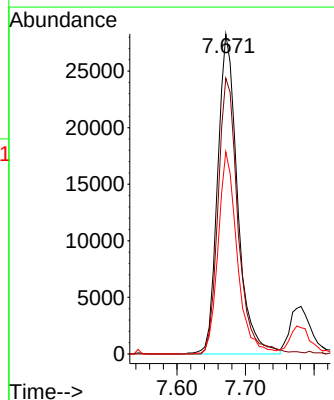
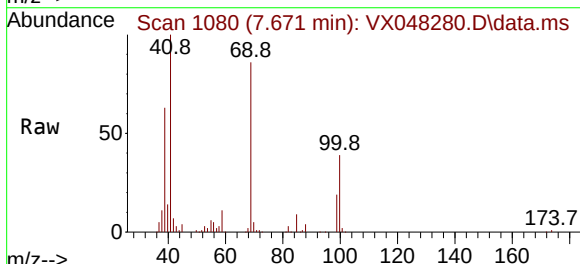
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

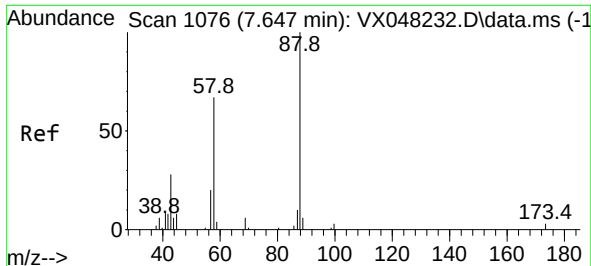
Tgt Ion: 83 Resp: 106527
Ion Ratio Lower Upper
83 100
85 61.6 52.2 78.4
127 8.7 7.3 10.9



#48
Methyl methacrylate
Concen: 49.735 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 41 Resp: 56901
Ion Ratio Lower Upper
41 100
69 86.5 63.4 95.0
39 60.5 47.1 70.7





#49

1,4-Dioxane

Concen: 951.387 ug/l

RT: 7.641 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

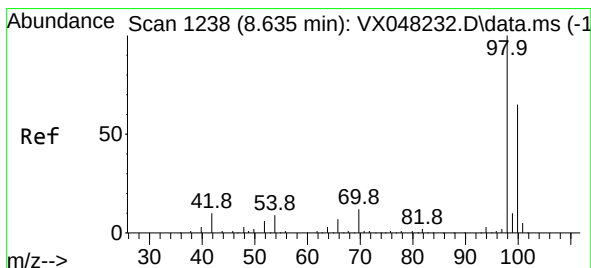
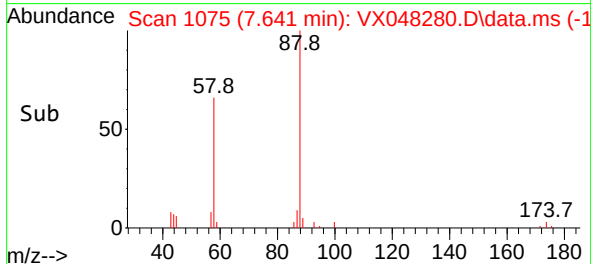
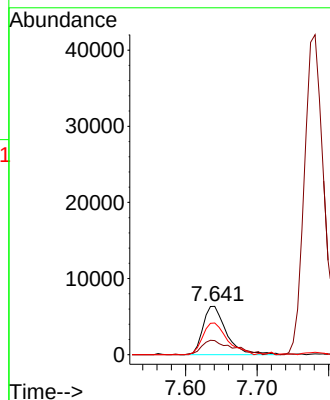
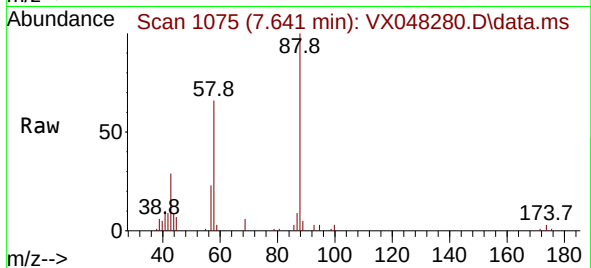
Tgt Ion: 88 Resp: 14380

Ion Ratio Lower Upper

88 100

43 39.9 35.0 52.4

58 69.1 61.9 92.9



#50

Toluene-d8

Concen: 49.640 ug/l

RT: 8.628 min Scan# 1237

Delta R.T. -0.006 min

Lab File: VX048280.D

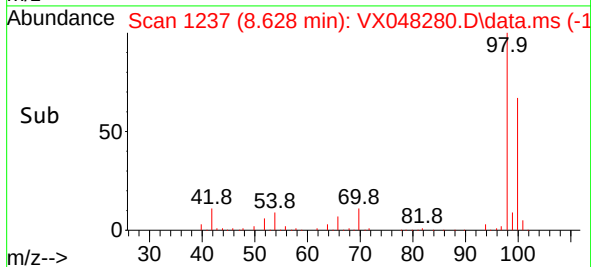
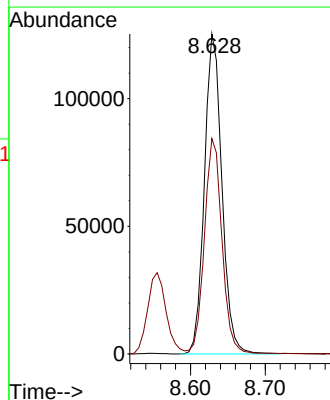
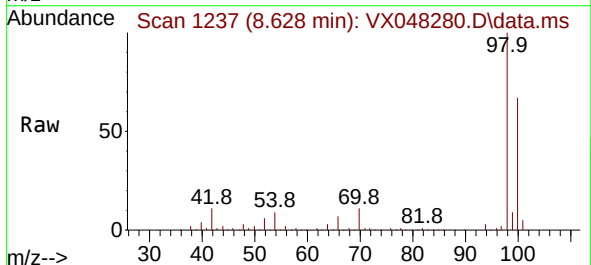
Acq: 22 Oct 2025 08:37

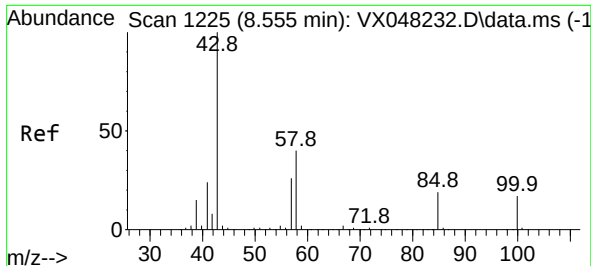
Tgt Ion: 98 Resp: 203851

Ion Ratio Lower Upper

98 100

100 67.9 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 237.329 ug/l

RT: 8.555 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Instrument :

MSVOA_X

ClientSampleId :

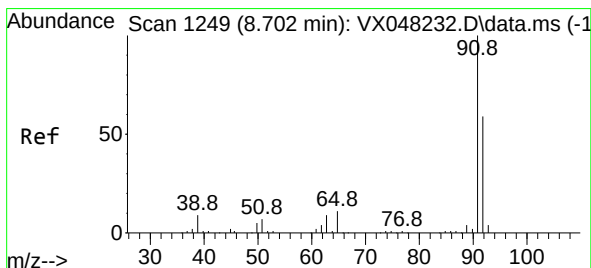
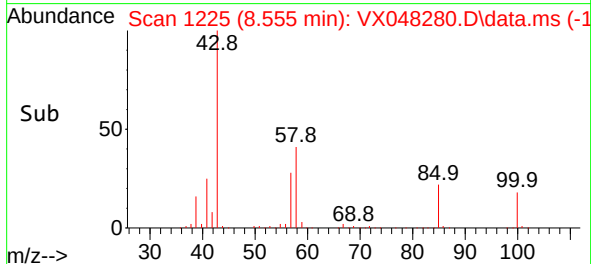
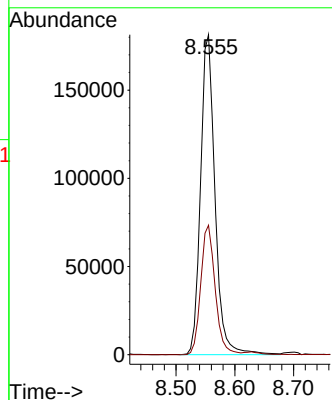
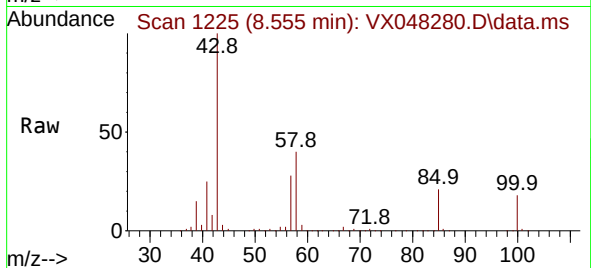
VSTDCCC050

Tgt Ion: 43 Resp: 310242

Ion Ratio Lower Upper

43 100

58 40.4 29.5 44.3



#52

Toluene

Concen: 53.307 ug/l

RT: 8.702 min Scan# 1249

Delta R.T. -0.000 min

Lab File: VX048280.D

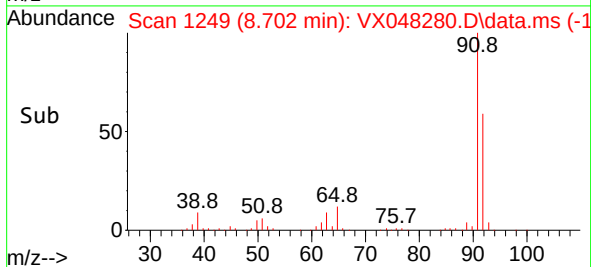
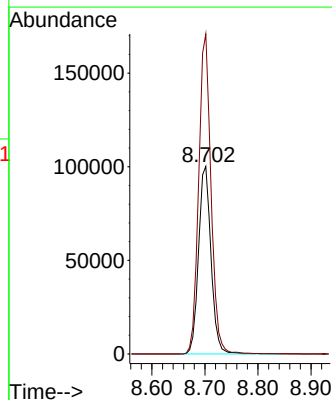
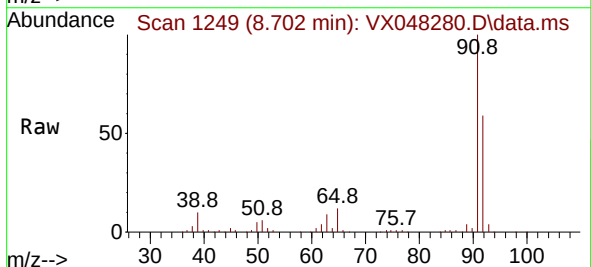
Acq: 22 Oct 2025 08:37

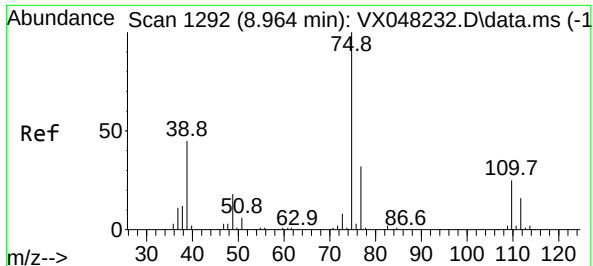
Tgt Ion: 92 Resp: 163729

Ion Ratio Lower Upper

92 100

91 168.5 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 54.699 ug/l

RT: 8.958 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Instrument :

MSVOA_X

ClientSampleId :

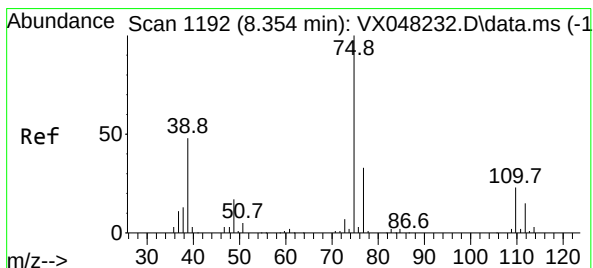
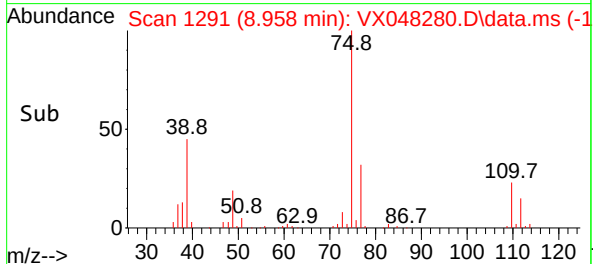
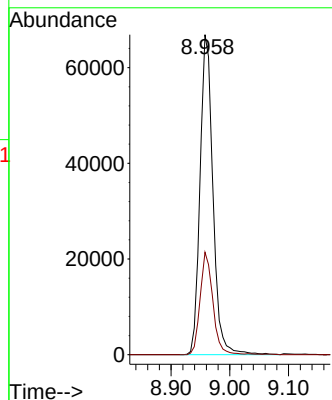
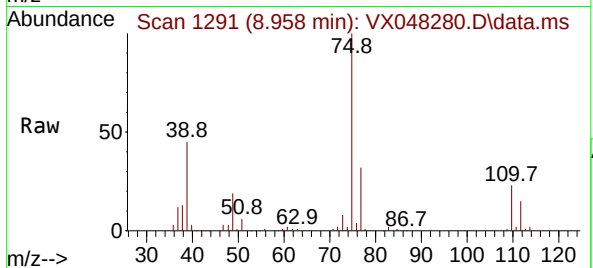
VSTDCCC050

Tgt Ion: 75 Resp: 101924

Ion Ratio Lower Upper

75 100

77 32.0 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 53.352 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. -0.000 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

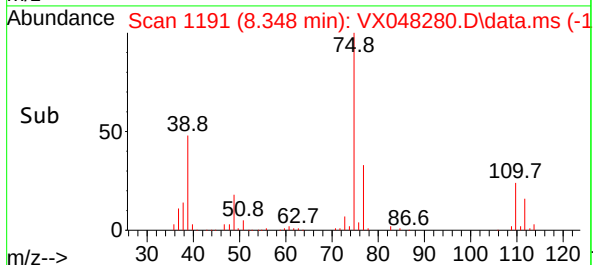
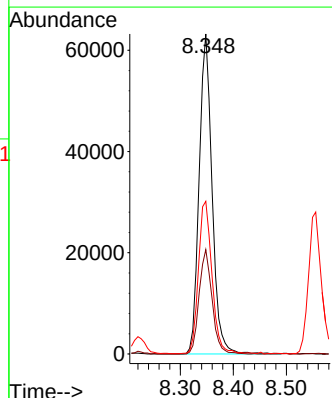
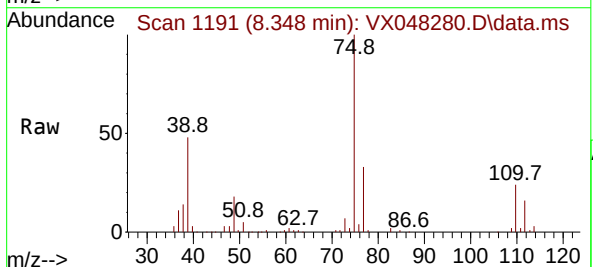
Tgt Ion: 75 Resp: 107258

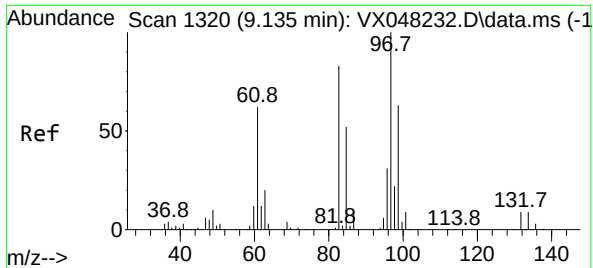
Ion Ratio Lower Upper

75 100

77 32.6 24.9 37.3

39 47.6 42.6 64.0

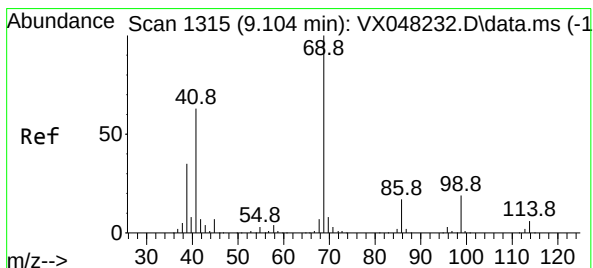
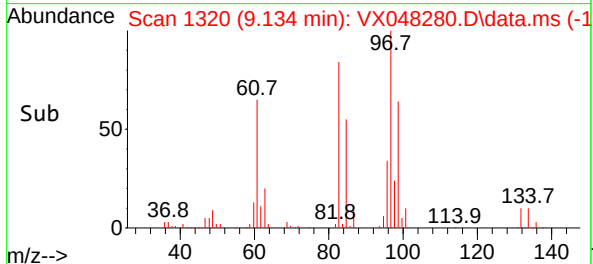
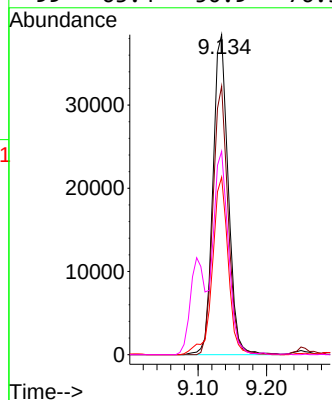
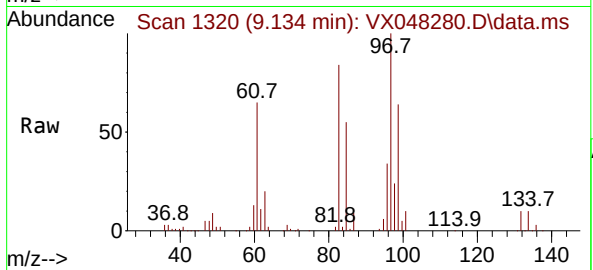




#55
 1,1,2-Trichloroethane
 Concen: 52.167 ug/l
 RT: 9.134 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048280.D
 Acq: 22 Oct 2025 08:37

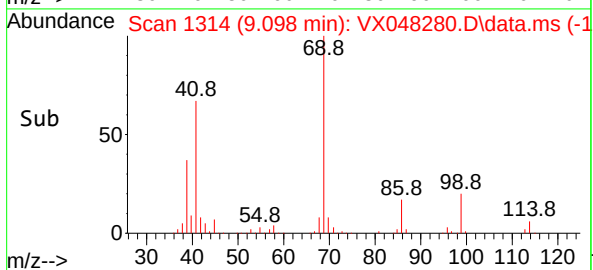
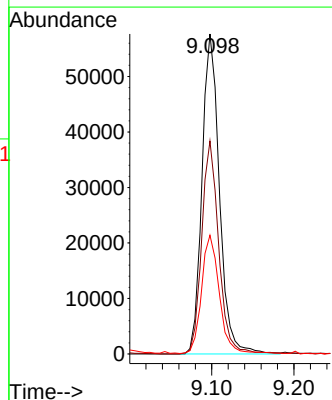
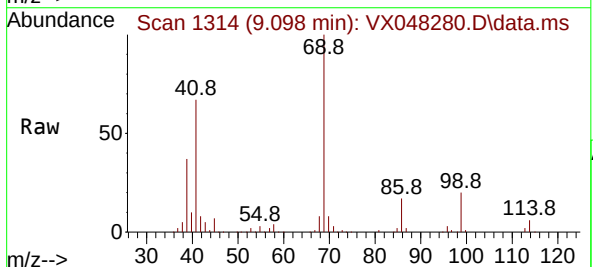
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

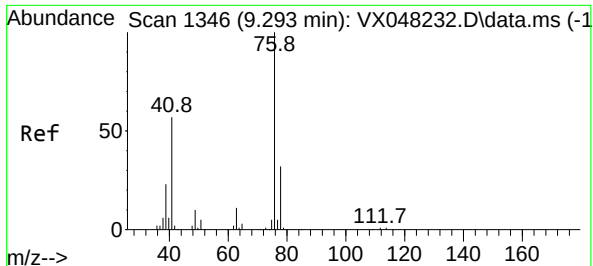
Tgt Ion:	97	Resp:	59586
Ion	Ratio	Lower	Upper
97	100		
83	83.9	70.6	105.8
85	55.4	45.0	67.6
99	63.4	50.9	76.3



#56
 Ethyl methacrylate
 Concen: 50.869 ug/l
 RT: 9.098 min Scan# 1314
 Delta R.T. -0.000 min
 Lab File: VX048280.D
 Acq: 22 Oct 2025 08:37

Tgt Ion:	69	Resp:	84986
Ion	Ratio	Lower	Upper
69	100		
41	65.1	56.0	84.0
39	37.5	31.6	47.4





#57

1,3-Dichloropropane

Concen: 52.019 ug/l

RT: 9.287 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Instrument :

MSVOA_X

ClientSampleId :

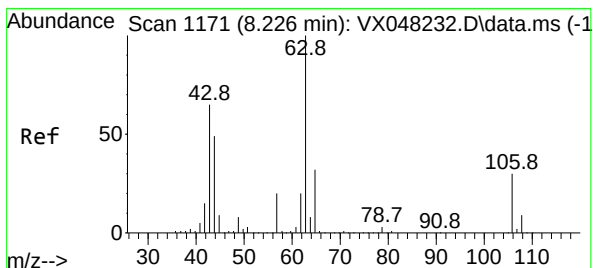
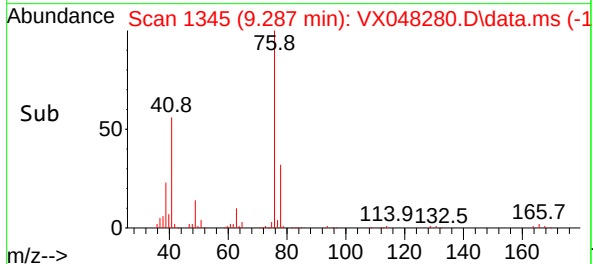
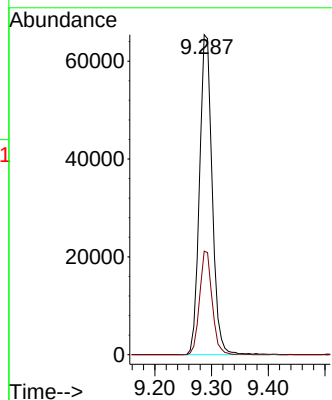
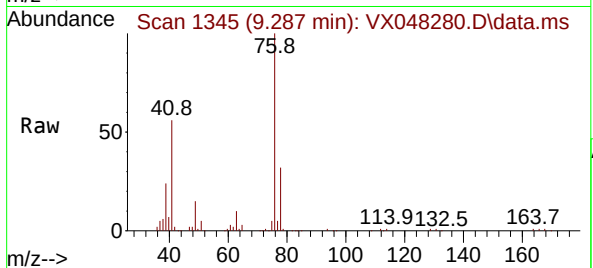
VSTDCCC050

Tgt Ion: 76 Resp: 101491

Ion Ratio Lower Upper

76 100

78 31.9 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 255.311 ug/l

RT: 8.220 min Scan# 1170

Delta R.T. -0.006 min

Lab File: VX048280.D

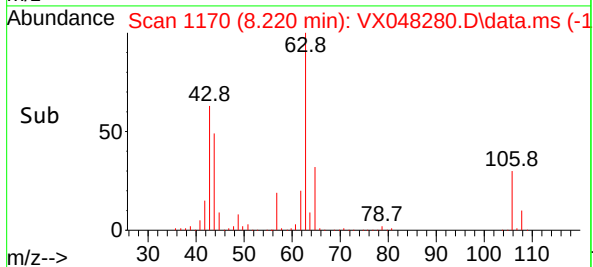
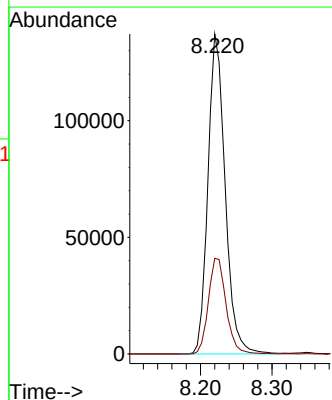
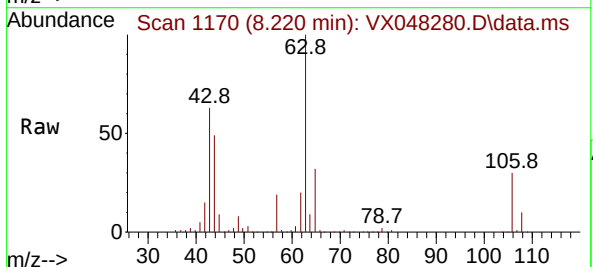
Acq: 22 Oct 2025 08:37

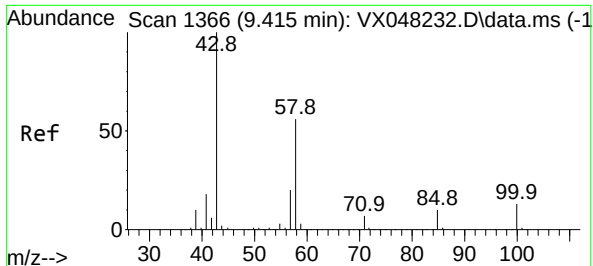
Tgt Ion: 63 Resp: 229383

Ion Ratio Lower Upper

63 100

106 30.8 22.2 33.2

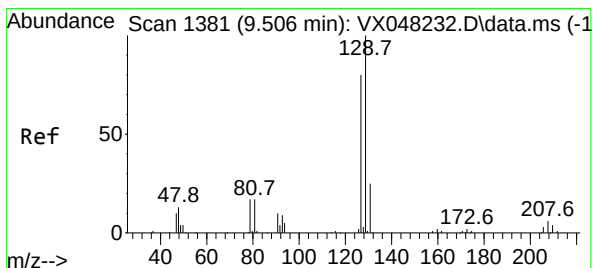
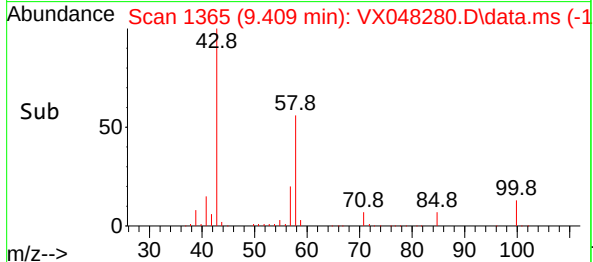
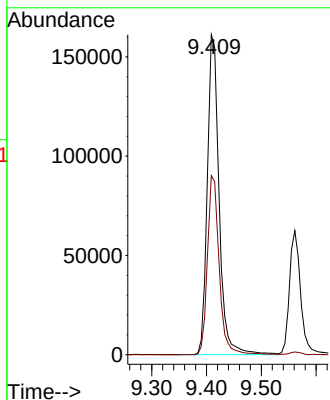
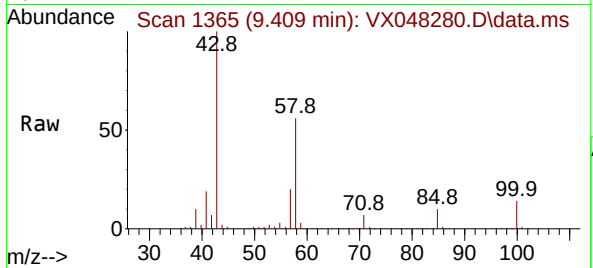




#59
2-Hexanone
Concen: 263.703 ug/l
RT: 9.409 min Scan# 1365
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

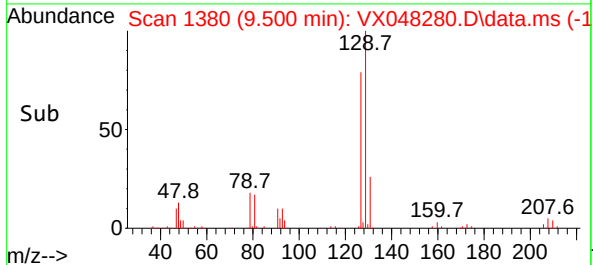
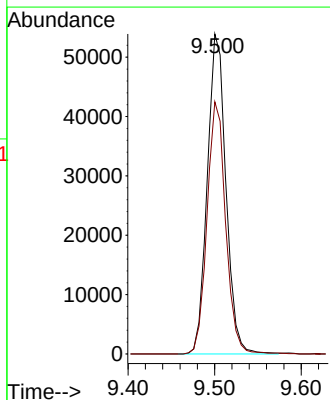
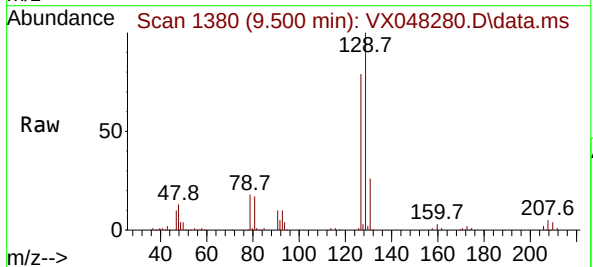
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

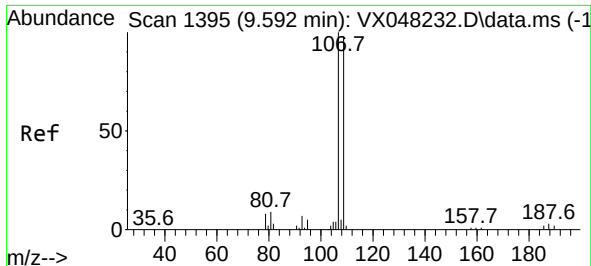
Tgt Ion: 43 Resp: 240369
Ion Ratio Lower Upper
43 100
58 55.9 26.3 78.8



#60
Dibromochloromethane
Concen: 52.530 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:129 Resp: 80645
Ion Ratio Lower Upper
129 100
127 78.8 38.6 115.7

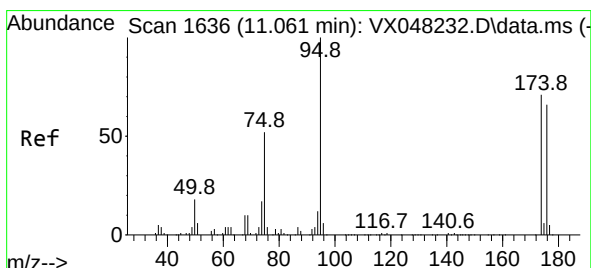
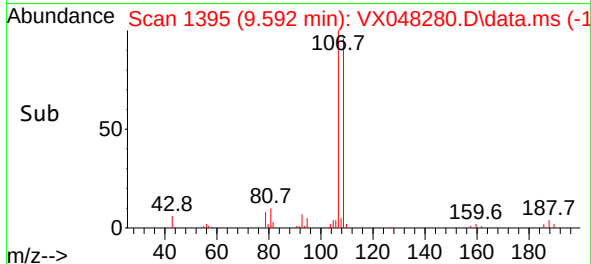
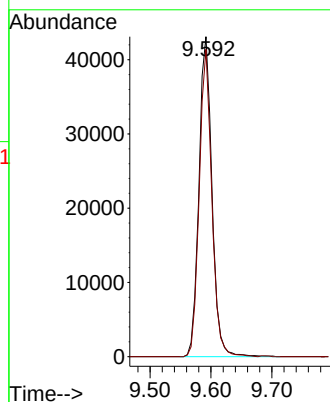
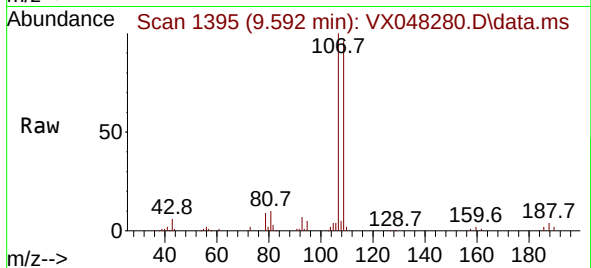




#61
1,2-Dibromoethane
Concen: 52.565 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

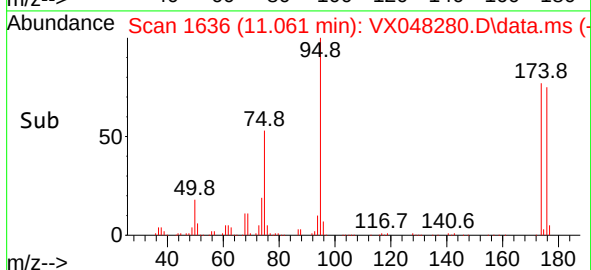
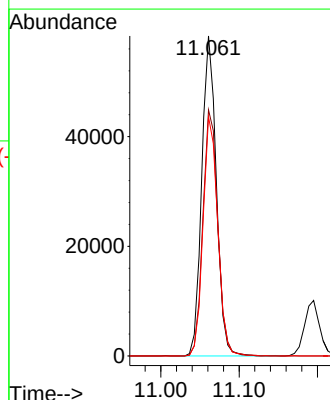
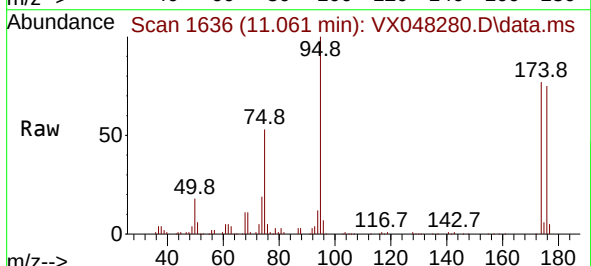
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

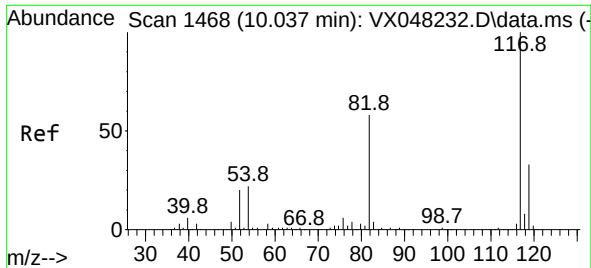
Tgt Ion:107 Resp: 64007
Ion Ratio Lower Upper
107 100
109 92.6 77.0 115.4



#62
4-Bromofluorobenzene
Concen: 48.352 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 95 Resp: 75540
Ion Ratio Lower Upper
95 100
174 78.0 0.0 147.8
176 75.4 0.0 142.8

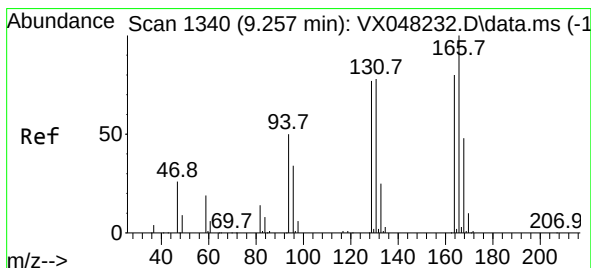
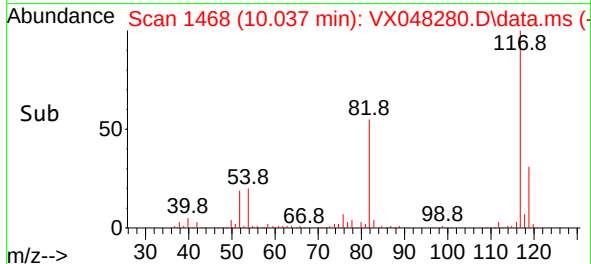
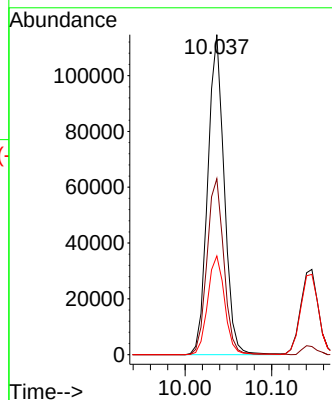
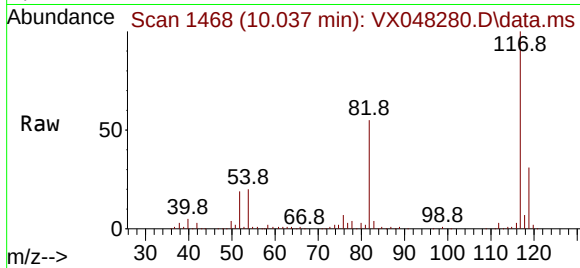




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

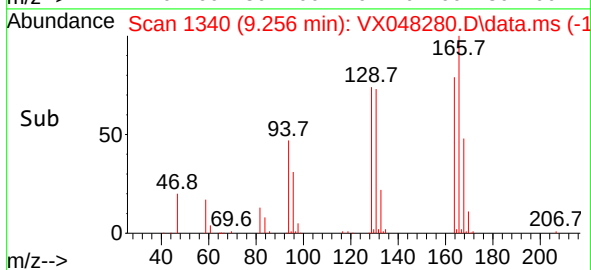
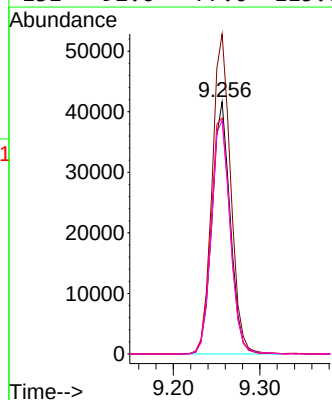
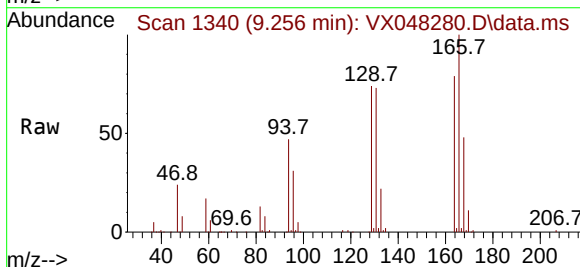
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

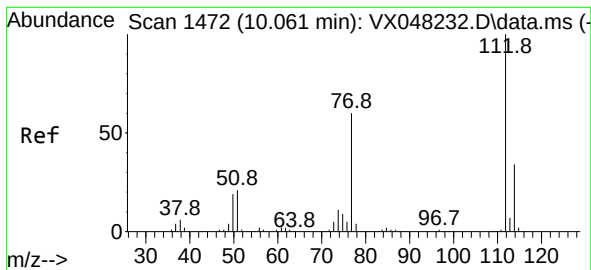
Tgt Ion:117 Resp: 151325
Ion Ratio Lower Upper
117 100
82 55.0 46.5 69.7
119 30.8 25.9 38.9



#64
Tetrachloroethene
Concen: 53.469 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:164 Resp: 60402
Ion Ratio Lower Upper
164 100
166 126.9 104.5 156.7
129 93.6 81.8 122.6
131 92.6 77.0 115.6

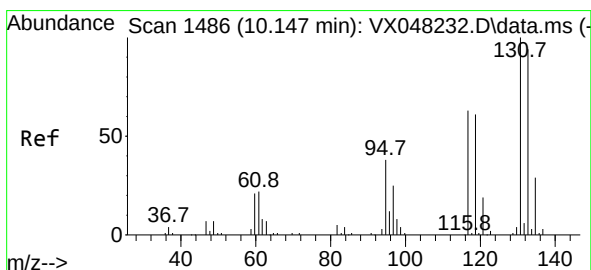
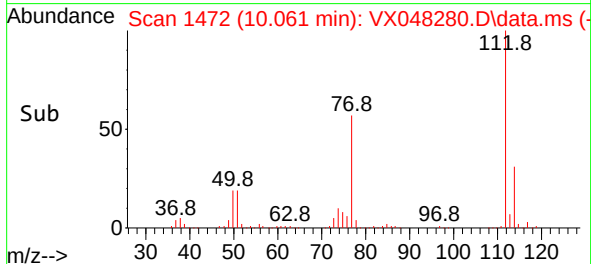
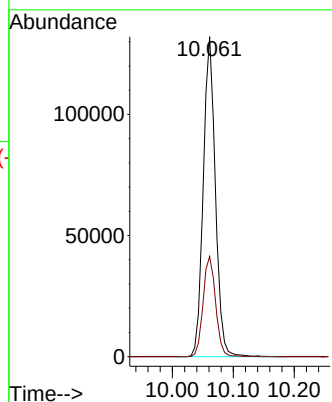
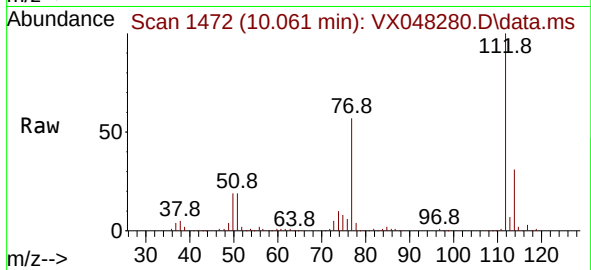




#65
Chlorobenzene
Concen: 53.663 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

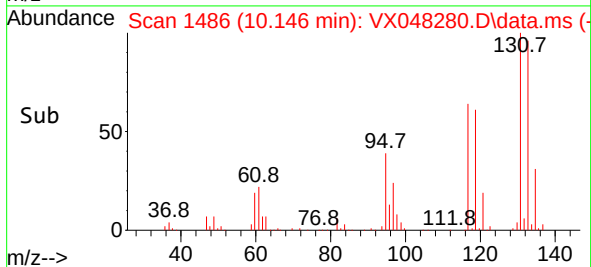
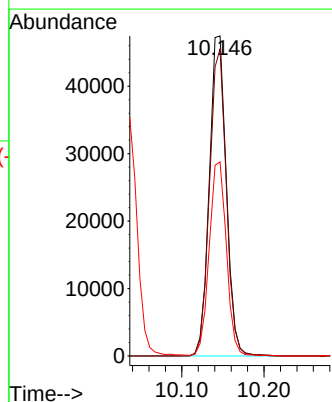
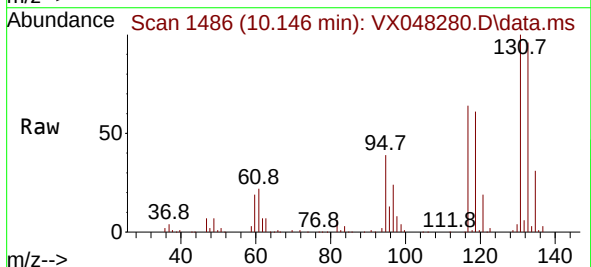
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

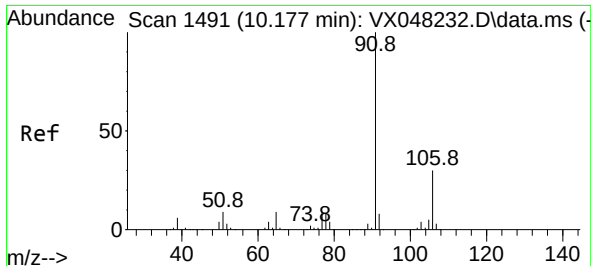
Tgt Ion:112 Resp: 182674
Ion Ratio Lower Upper
112 100
114 31.3 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 54.756 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:131 Resp: 68462
Ion Ratio Lower Upper
131 100
133 94.3 47.6 142.8
119 61.2 32.5 97.5





#67

Ethyl Benzene

Concen: 54.267 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Instrument :

MSVOA_X

ClientSampleId :

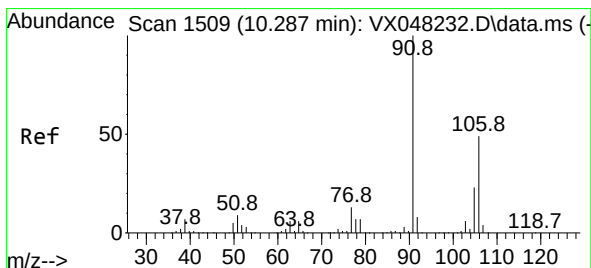
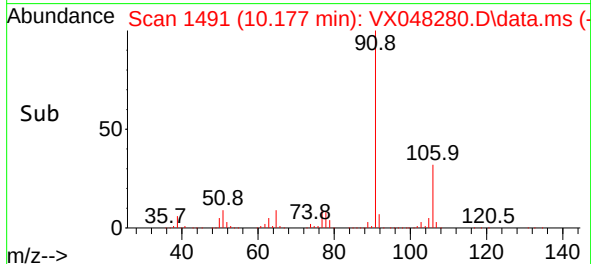
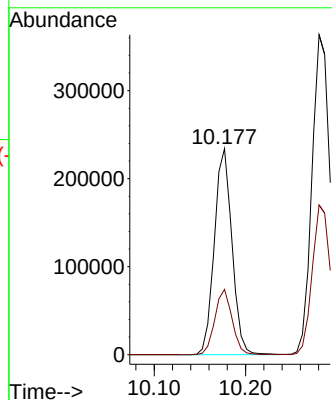
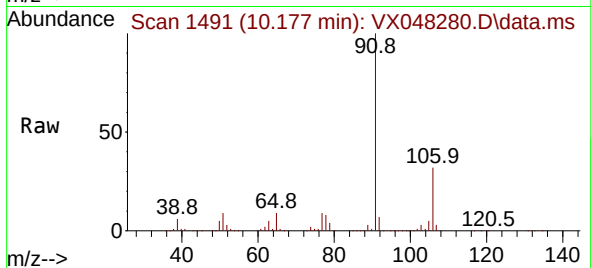
VSTDCCC050

Tgt Ion: 91 Resp: 314516

Ion Ratio Lower Upper

91 100

106 31.7 23.8 35.6



#68

m/p-Xylenes

Concen: 109.959 ug/l

RT: 10.281 min Scan# 1508

Delta R.T. -0.006 min

Lab File: VX048280.D

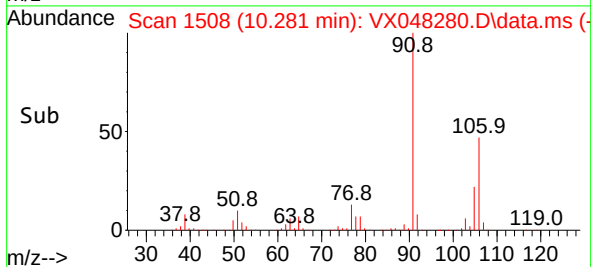
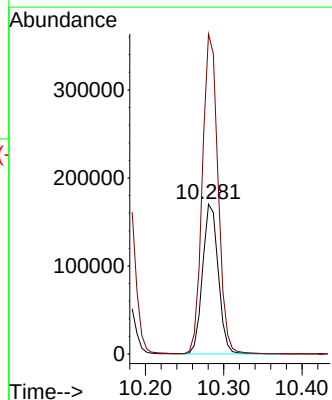
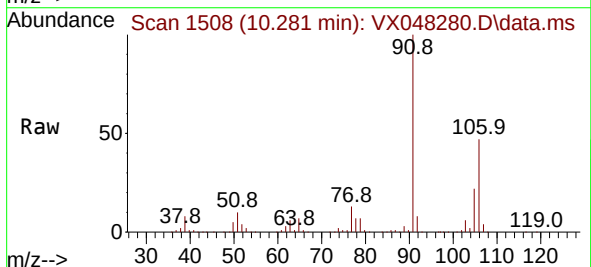
Acq: 22 Oct 2025 08:37

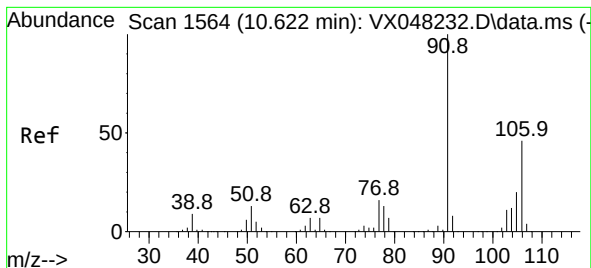
Tgt Ion:106 Resp: 236784

Ion Ratio Lower Upper

106 100

91 213.7 167.9 251.9





#69

o-Xylene

Concen: 54.361 ug/l

RT: 10.622 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Instrument :

MSVOA_X

ClientSampleId :

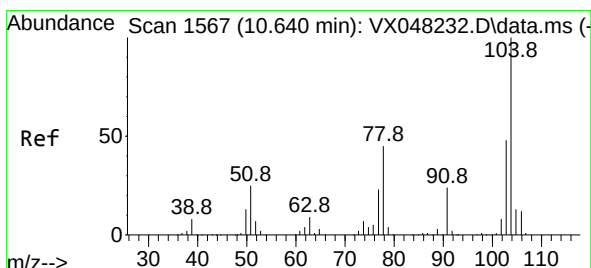
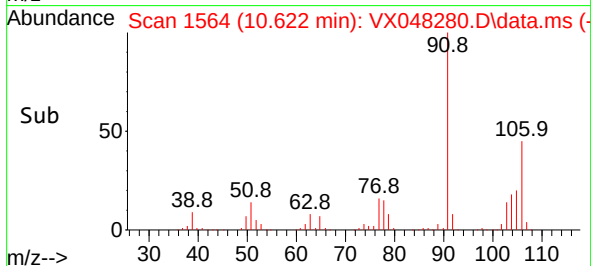
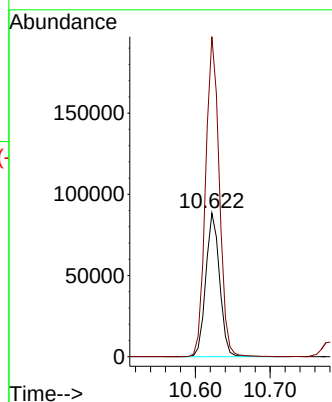
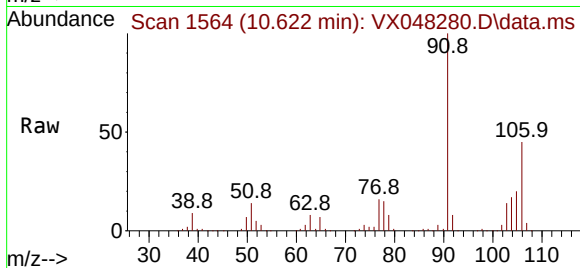
VSTDCCC050

Tgt Ion:106 Resp: 113014

Ion Ratio Lower Upper

106 100

91 222.2 111.3 333.9



#70

Styrene

Concen: 55.916 ug/l

RT: 10.634 min Scan# 1566

Delta R.T. -0.006 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

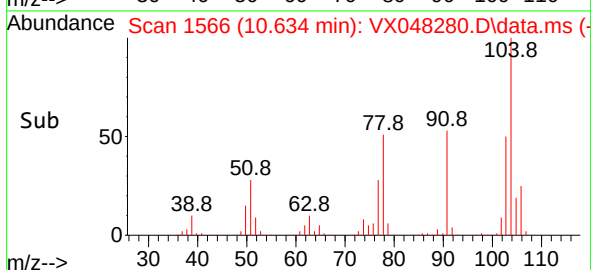
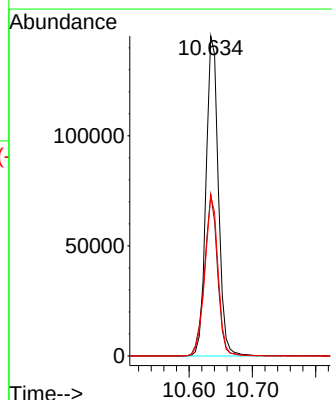
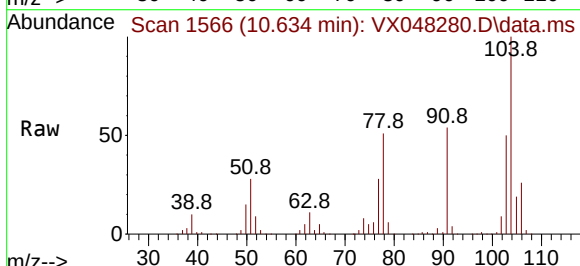
Tgt Ion:104 Resp: 197941

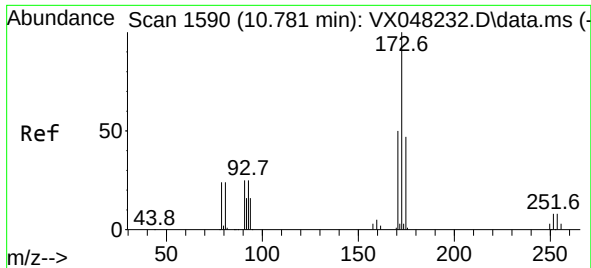
Ion Ratio Lower Upper

104 100

78 53.4 42.2 63.4

103 53.6 43.0 64.4

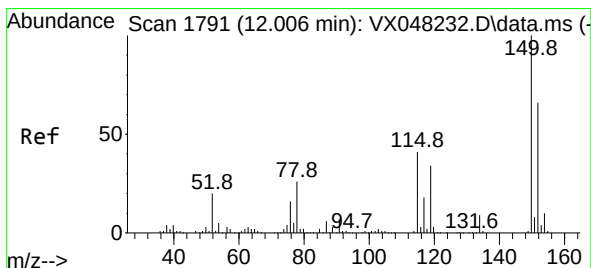
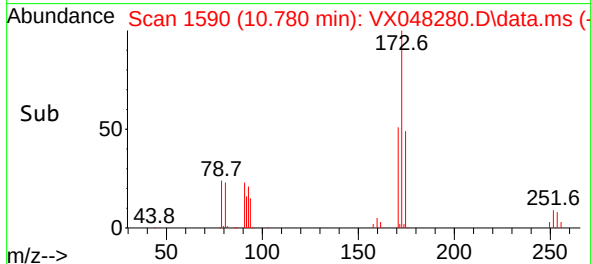
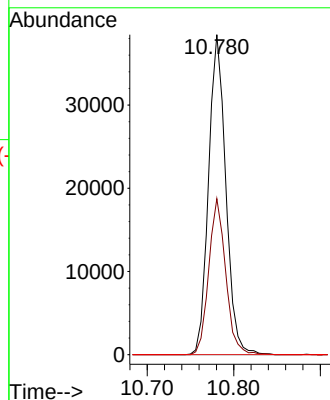
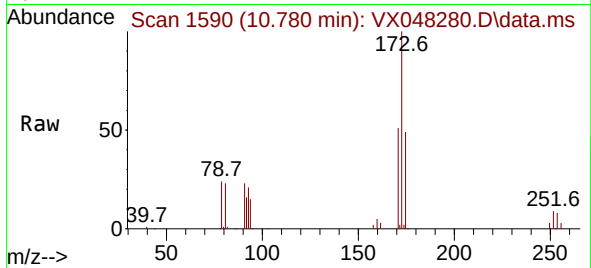




#71
Bromoform
Concen: 53.153 ug/l
RT: 10.780 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

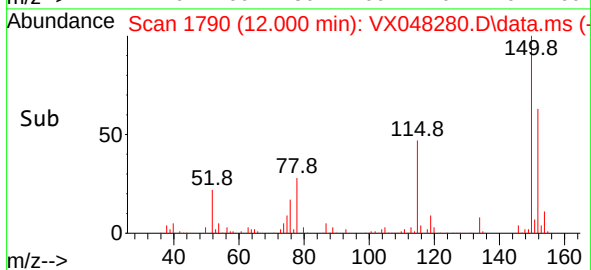
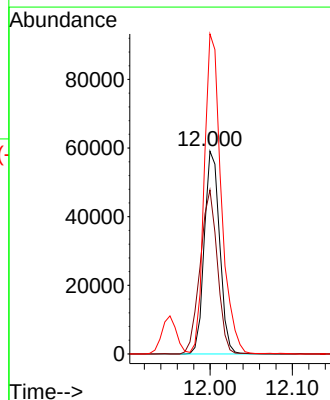
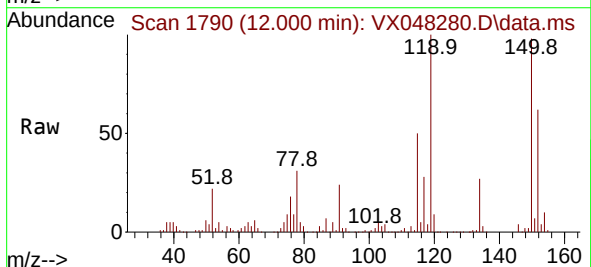
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

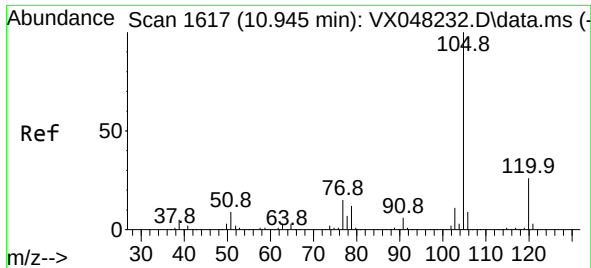
Tgt Ion:173 Resp: 53116
Ion Ratio Lower Upper
173 100
175 48.1 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.000 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:152 Resp: 76595
Ion Ratio Lower Upper
152 100
115 91.1 43.1 129.4
150 173.9 0.0 353.0

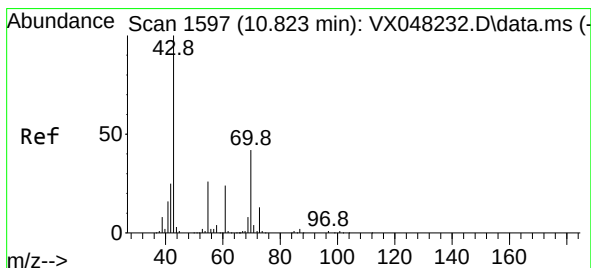
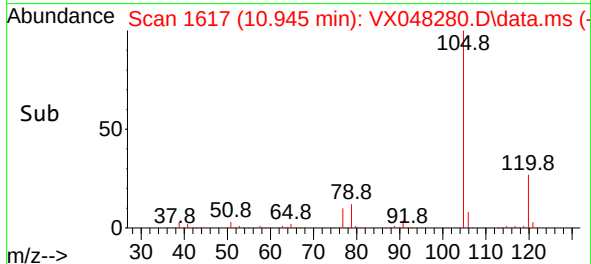
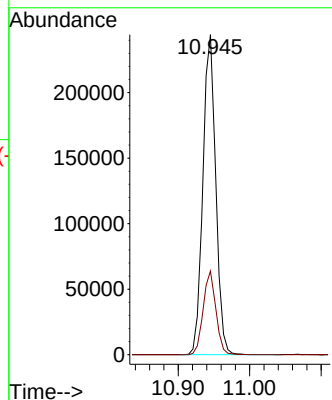
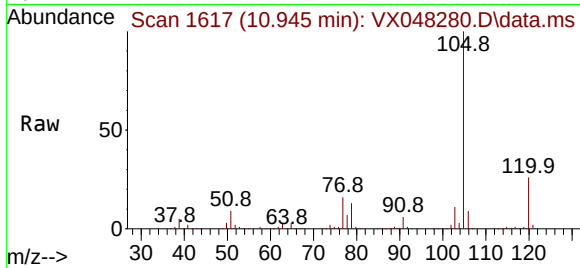




#73
Isopropylbenzene
Concen: 54.500 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

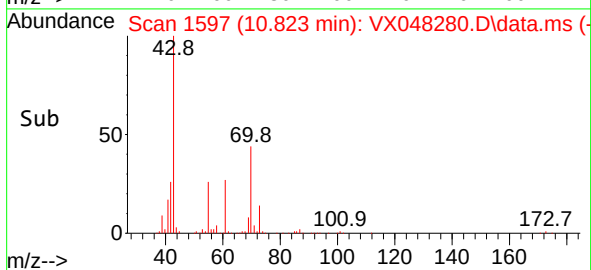
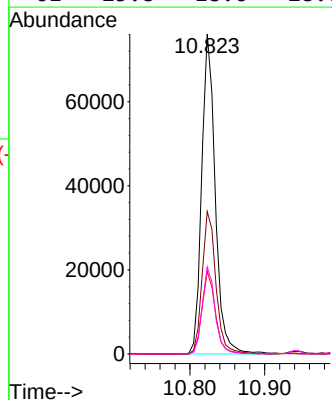
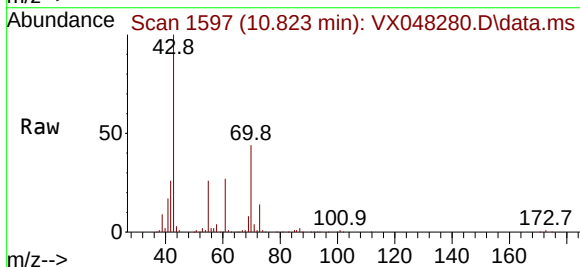
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

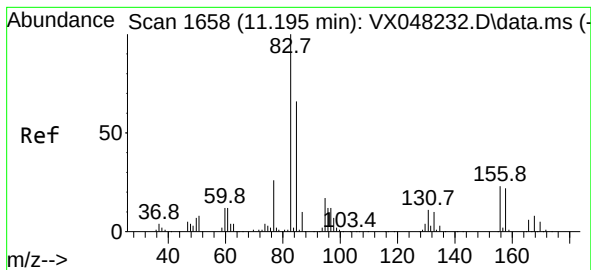
Tgt Ion:105 Resp: 304903
Ion Ratio Lower Upper
105 100
120 25.8 13.0 38.9



#74
N-ethyl acetate
Concen: 48.424 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 43 Resp: 96095
Ion Ratio Lower Upper
43 100
70 45.2 32.2 48.2
55 25.5 19.1 28.7
61 25.8 18.6 28.0

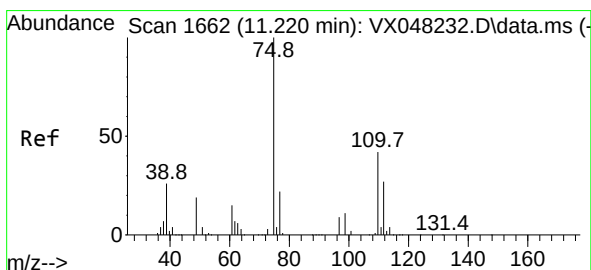
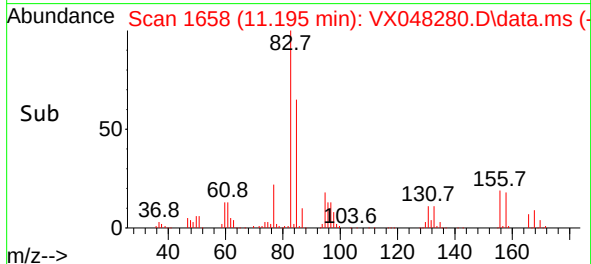
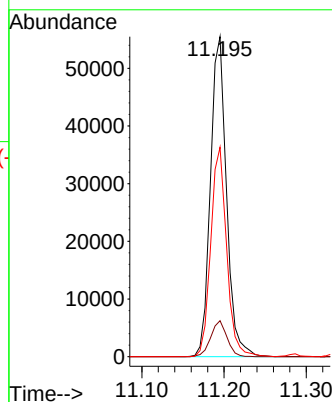
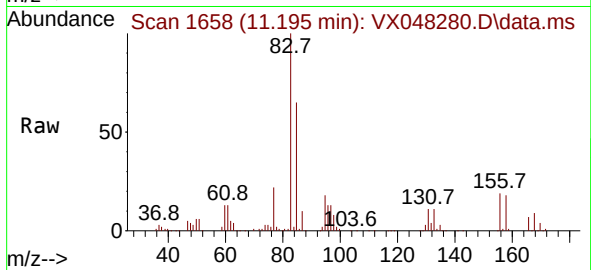




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.292 ug/l
 RT: 11.195 min Scan# 1658
 Delta R.T. -0.000 min
 Lab File: VX048280.D
 Acq: 22 Oct 2025 08:37

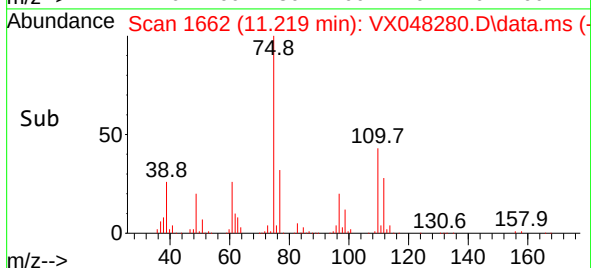
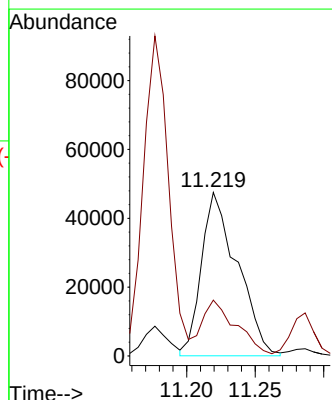
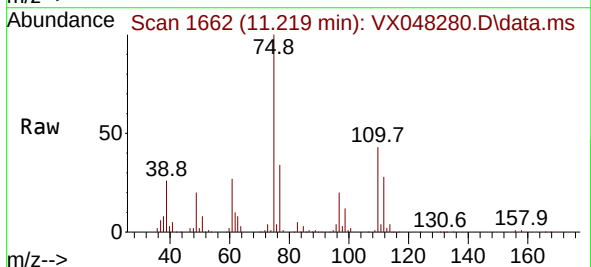
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

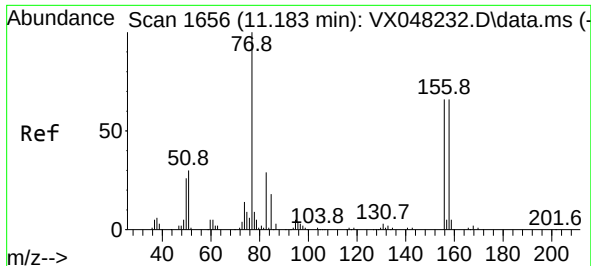
Tgt Ion: 83 Resp: 75307
 Ion Ratio Lower Upper
 83 100
 131 11.4 4.8 14.4
 85 64.7 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 69.767 ug/l
 RT: 11.219 min Scan# 1662
 Delta R.T. -0.000 min
 Lab File: VX048280.D
 Acq: 22 Oct 2025 08:37

Tgt Ion: 75 Resp: 86659
 Ion Ratio Lower Upper
 75 100
 77 32.9 22.4 67.2

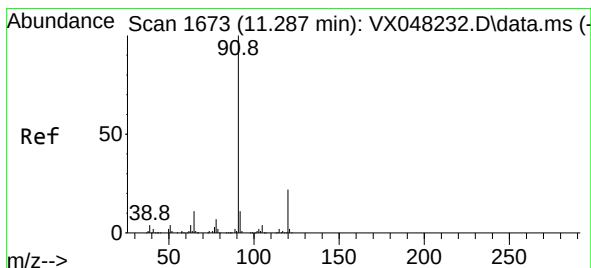
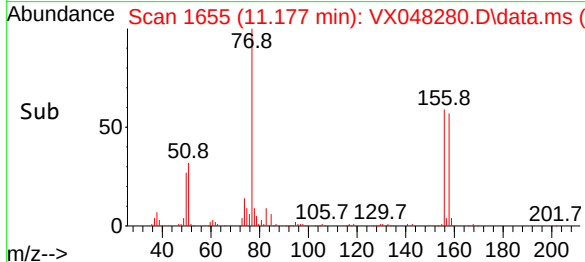
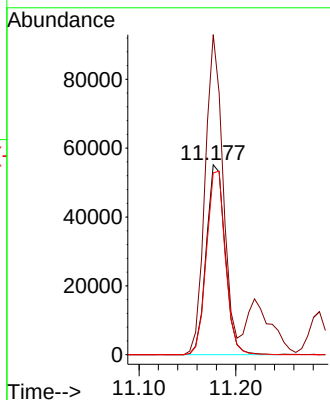
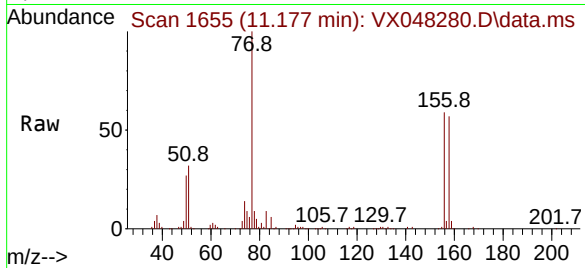




#77
Bromobenzene
Concen: 53.507 ug/l
RT: 11.177 min Scan# 1655
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

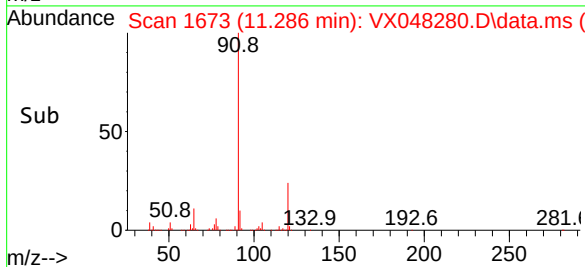
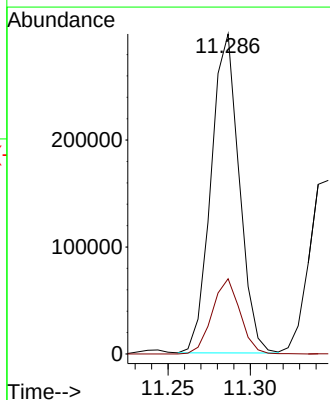
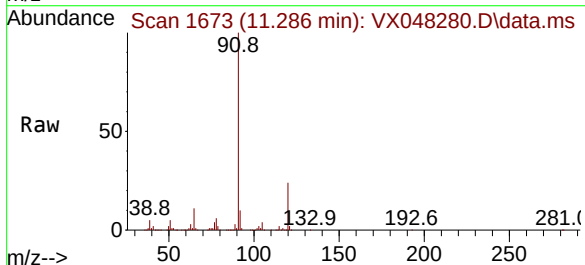
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

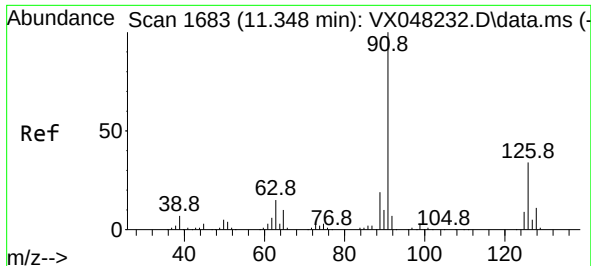
Tgt Ion:156 Resp: 75059
Ion Ratio Lower Upper
156 100
77 159.4 87.0 261.0
158 96.7 47.8 143.4



#78
n-propylbenzene
Concen: 55.000 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 91 Resp: 356264
Ion Ratio Lower Upper
91 100
120 23.3 11.1 33.1

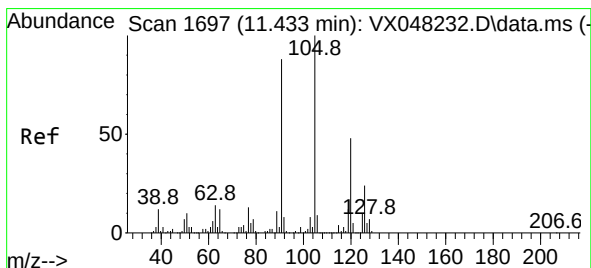
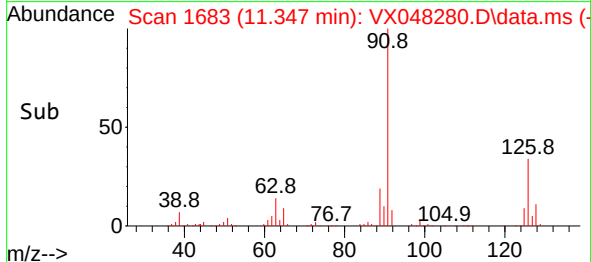
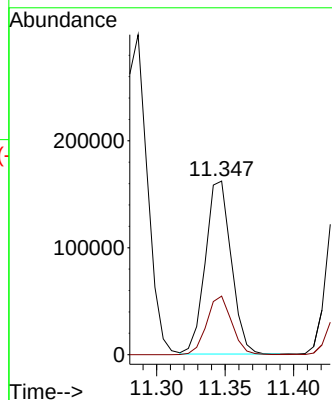
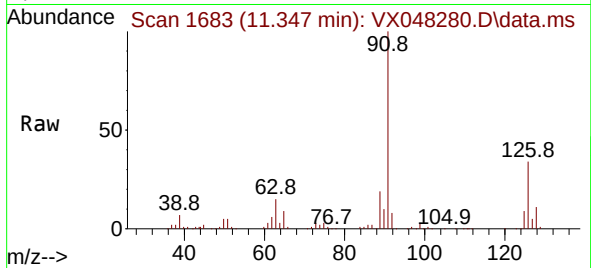




#79
2-Chlorotoluene
Concen: 54.093 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

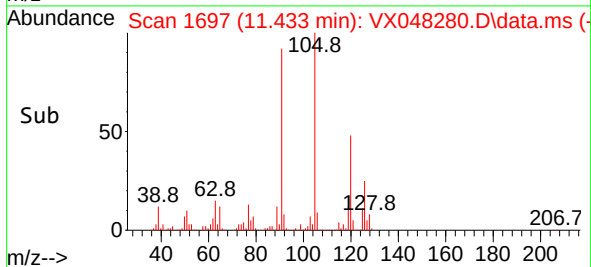
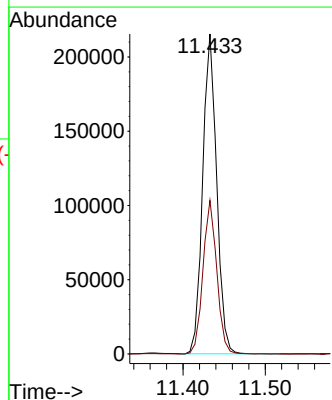
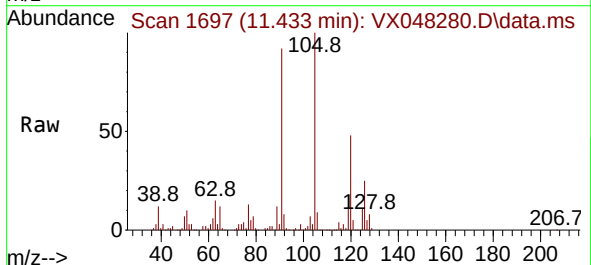
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

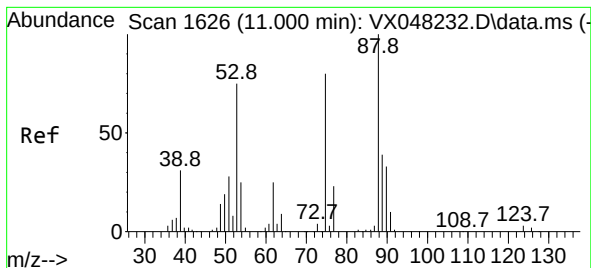
Tgt Ion: 91 Resp: 212434
Ion Ratio Lower Upper
91 100
126 32.8 16.4 49.4



#80
1,3,5-Trimethylbenzene
Concen: 54.818 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:105 Resp: 253794
Ion Ratio Lower Upper
105 100
120 47.6 24.0 72.0

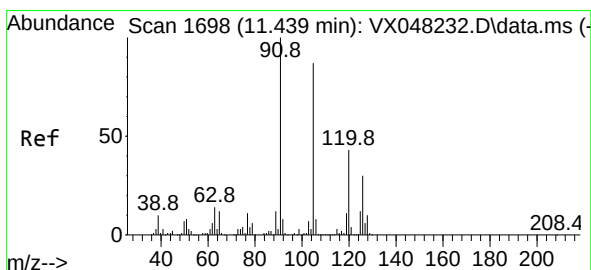
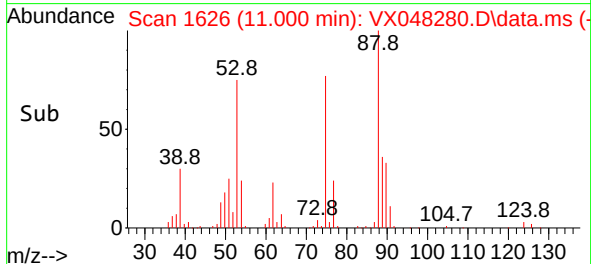
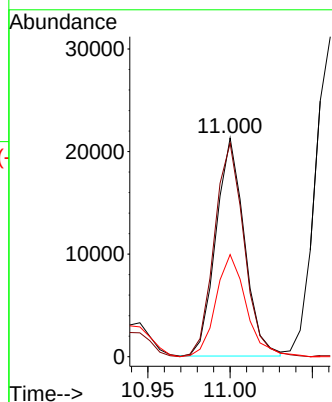
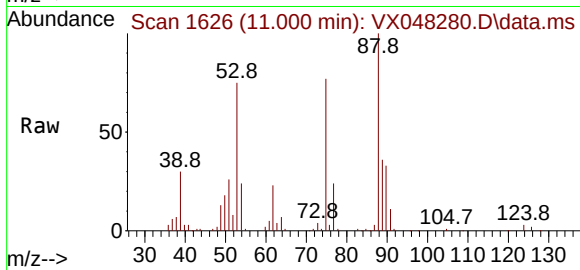




#81
trans-1,4-Dichloro-2-butene
Concen: 50.299 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

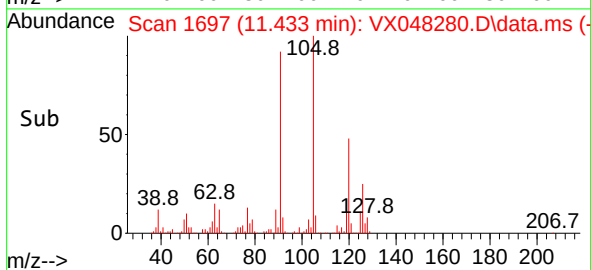
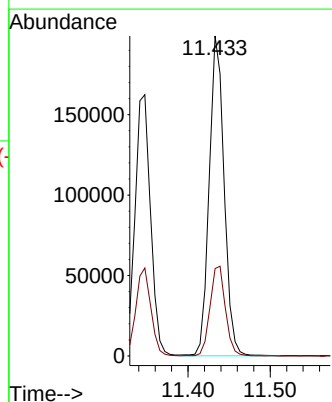
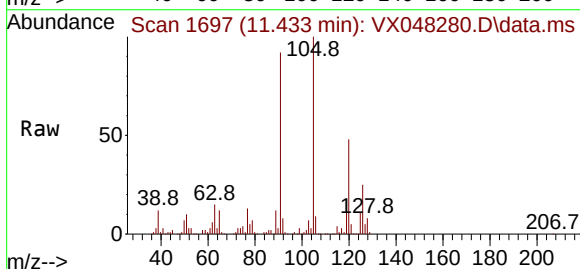
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

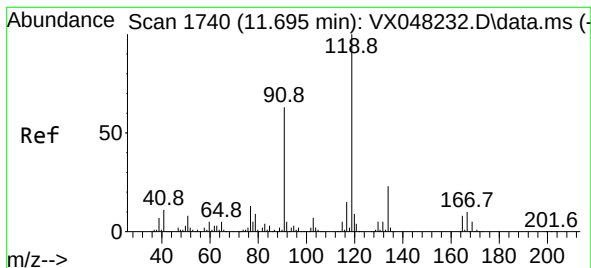
Tgt Ion: 75 Resp: 25680
Ion Ratio Lower Upper
75 100
53 102.3 79.5 119.3
89 49.9 36.8 55.2



#82
4-Chlorotoluene
Concen: 53.783 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 91 Resp: 250734
Ion Ratio Lower Upper
91 100
126 29.0 14.1 42.4





#83

tert-Butylbenzene

Concen: 53.430 ug/l

RT: 11.695 min Scan# 1740

Delta R.T. -0.000 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

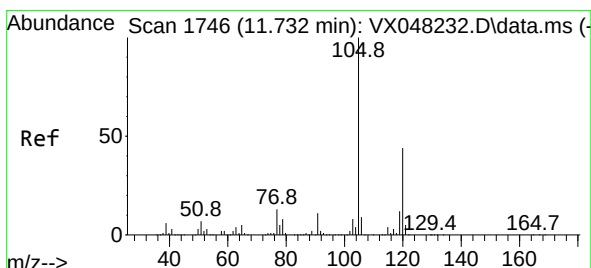
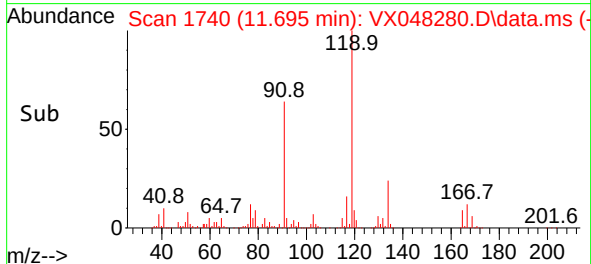
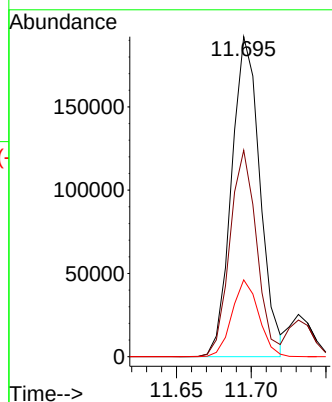
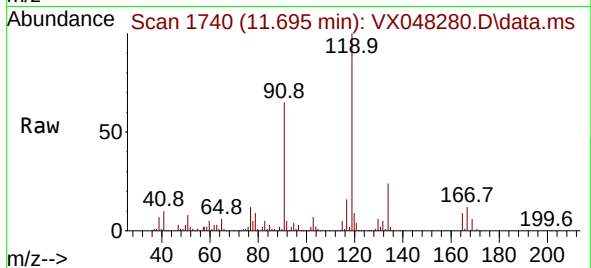
Tgt Ion:119 Resp: 254160

Ion Ratio Lower Upper

119 100

91 61.2 30.3 91.0

134 22.6 11.4 34.2



#84

1,2,4-Trimethylbenzene

Concen: 54.596 ug/l

RT: 11.732 min Scan# 1746

Delta R.T. -0.000 min

Lab File: VX048280.D

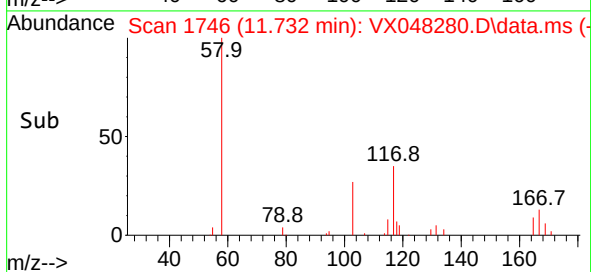
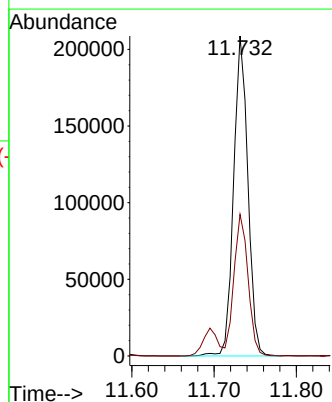
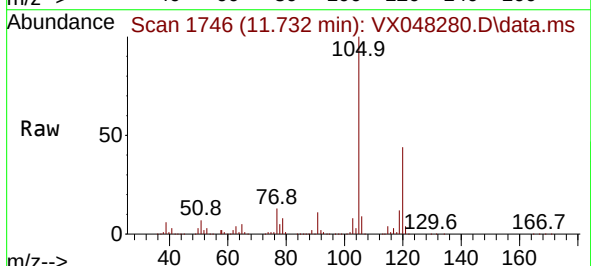
Acq: 22 Oct 2025 08:37

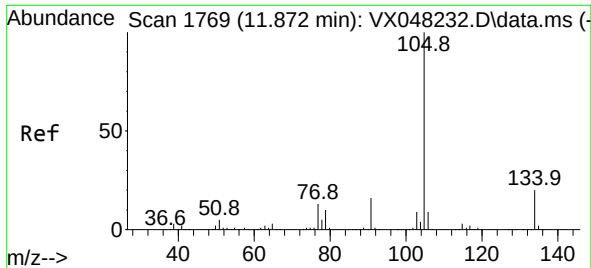
Tgt Ion:105 Resp: 252256

Ion Ratio Lower Upper

105 100

120 43.6 22.1 66.5

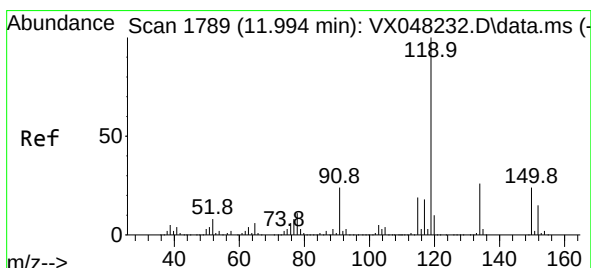
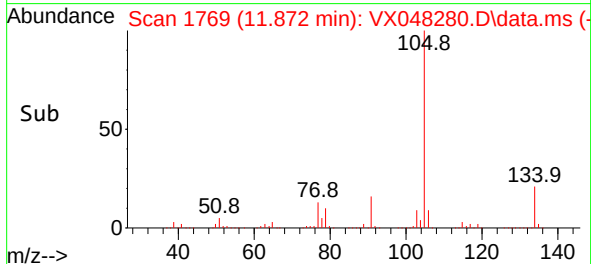
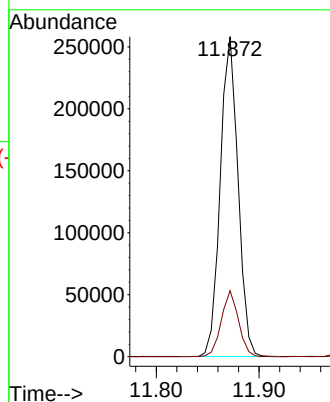
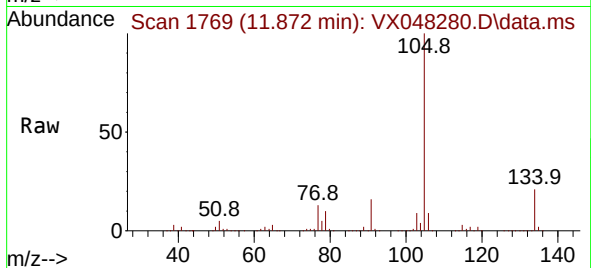




#85
 sec-Butylbenzene
 Concen: 54.013 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048280.D
 Acq: 22 Oct 2025 08:37

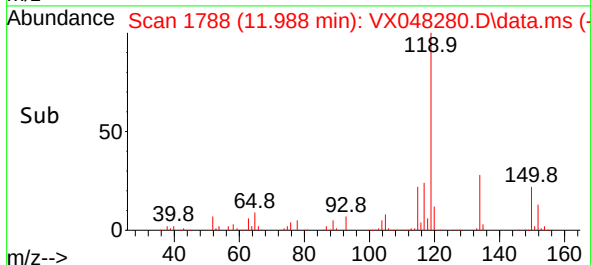
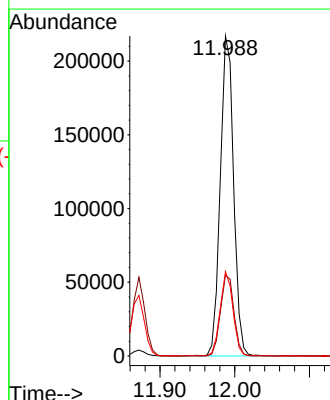
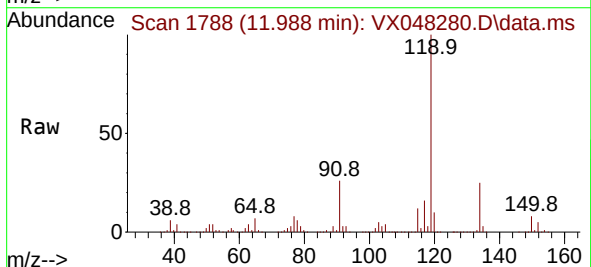
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

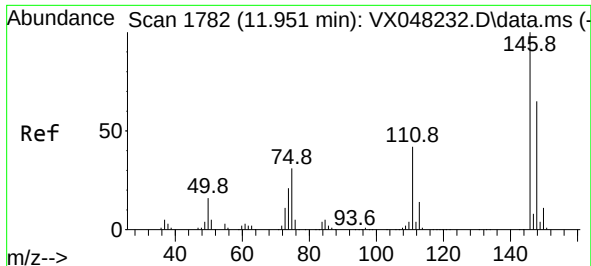
Tgt Ion:105 Resp: 309120
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 54.408 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. -0.000 min
 Lab File: VX048280.D
 Acq: 22 Oct 2025 08:37

Tgt Ion:119 Resp: 269139
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.0 39.0
 91 25.4 12.1 36.3

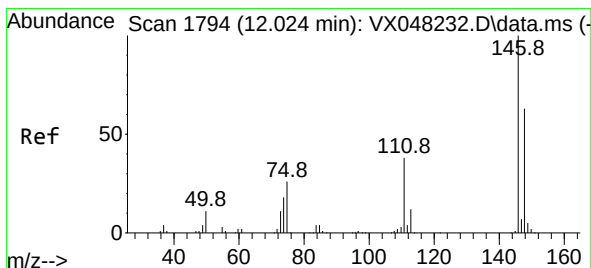
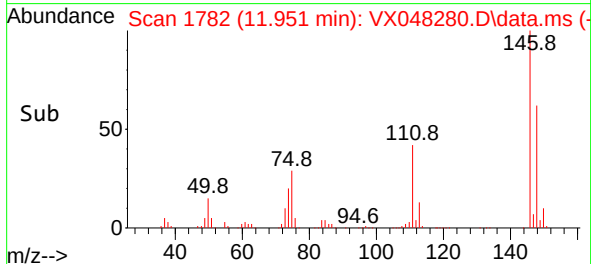
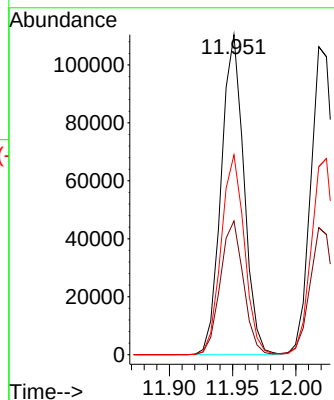
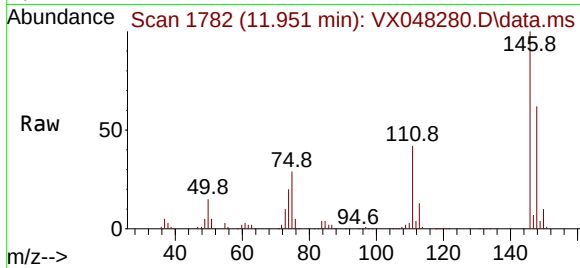




#87
1,3-Dichlorobenzene
Concen: 52.079 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

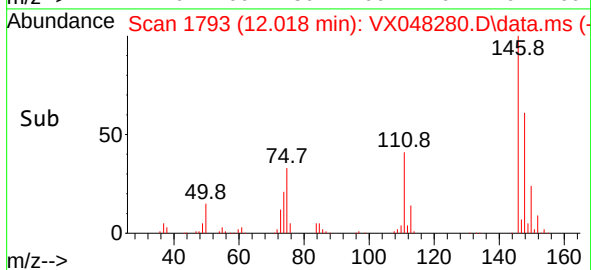
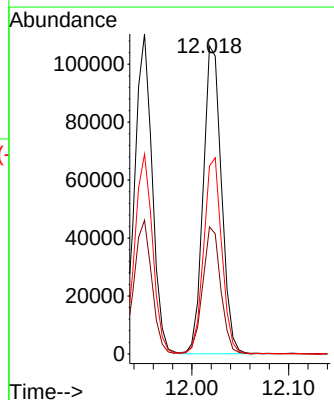
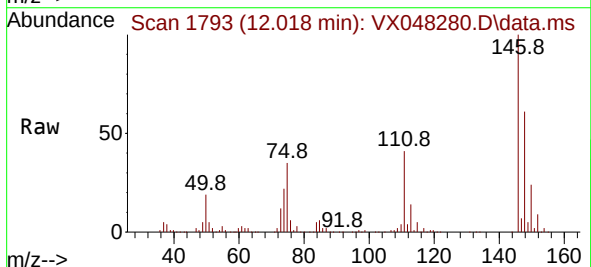
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

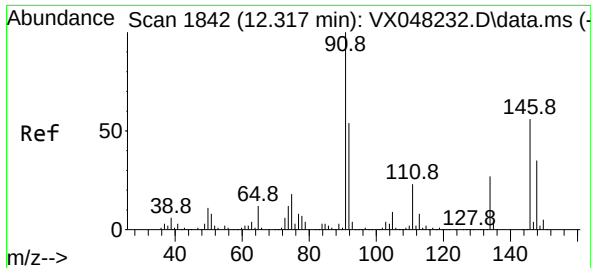
Tgt Ion:146 Resp: 137722
Ion Ratio Lower Upper
146 100
111 42.6 20.4 61.2
148 63.9 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 50.886 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:146 Resp: 139405
Ion Ratio Lower Upper
146 100
111 40.9 20.1 60.2
148 63.0 31.8 95.3

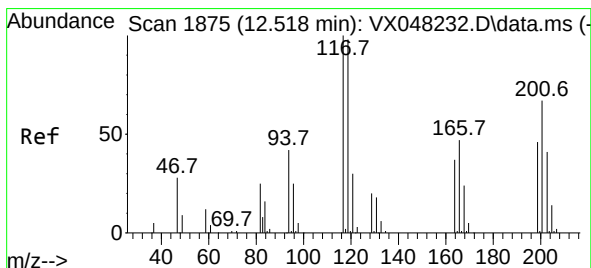
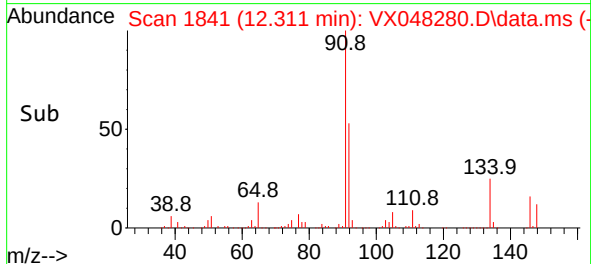
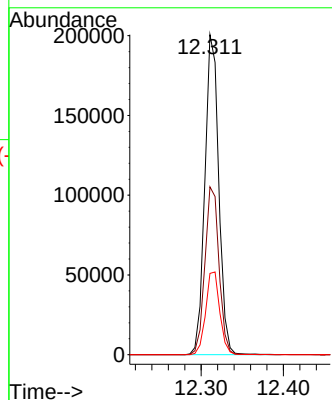
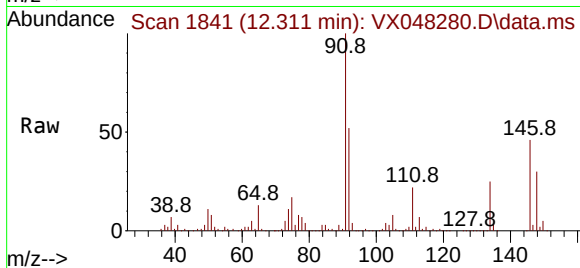




#89
n-Butylbenzene
Concen: 52.334 ug/l
RT: 12.311 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

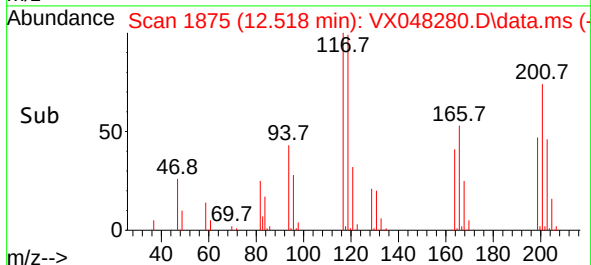
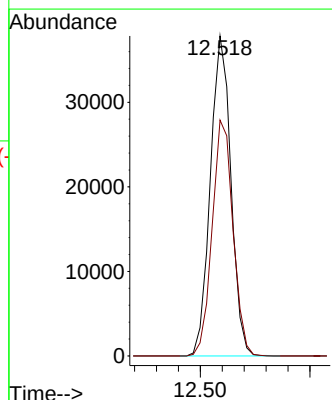
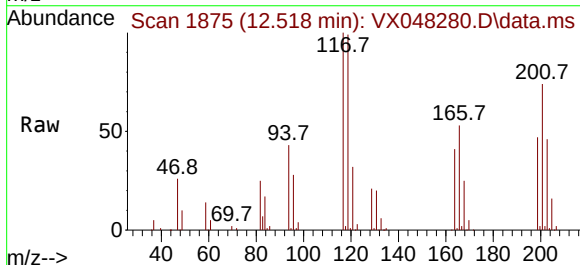
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

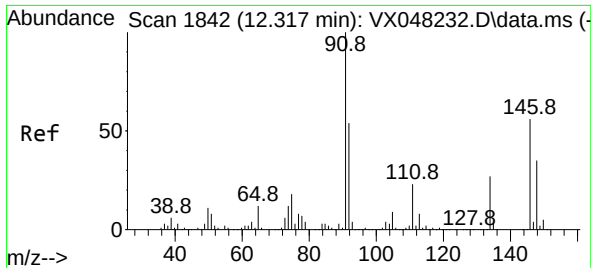
Tgt Ion: 91 Resp: 235632
Ion Ratio Lower Upper
91 100
92 53.3 26.9 80.6
134 26.2 12.7 38.1



#90
Hexachloroethane
Concen: 50.400 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 117 Resp: 49234
Ion Ratio Lower Upper
117 100
201 74.7 34.1 102.2

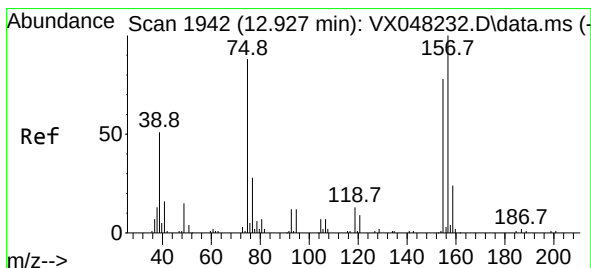
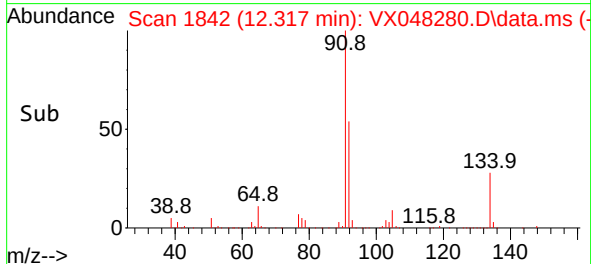
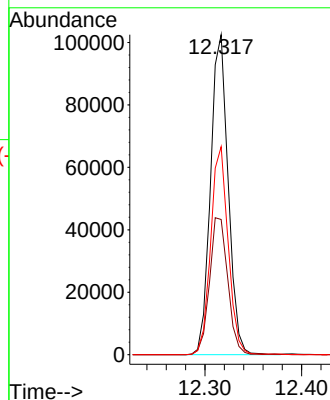
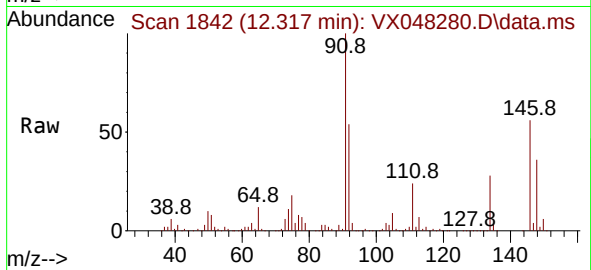




#91
1,2-Dichlorobenzene
Concen: 52.256 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

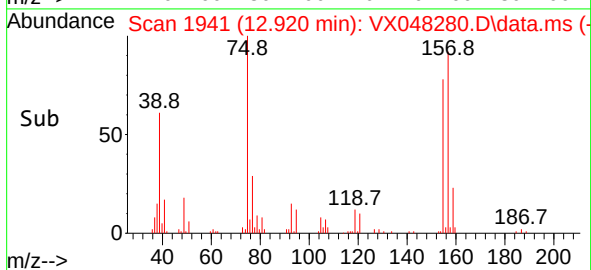
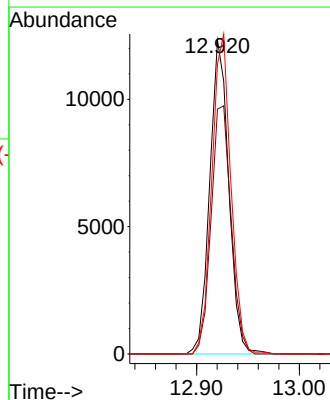
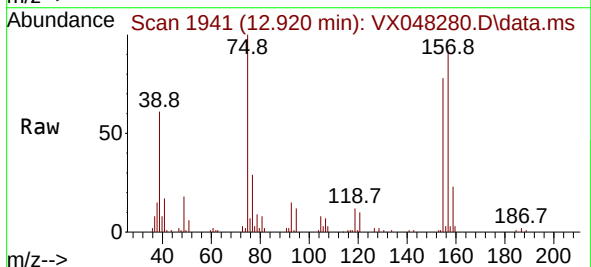
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

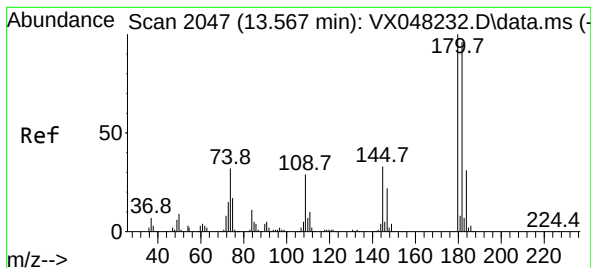
Tgt Ion:146 Resp: 129743
Ion Ratio Lower Upper
146 100
111 44.6 21.9 65.5
148 64.7 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.071 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 75 Resp: 15838
Ion Ratio Lower Upper
75 100
155 83.0 42.8 128.4
157 102.4 54.2 162.6





#93

1,2,4-Trichlorobenzene

Concen: 51.009 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

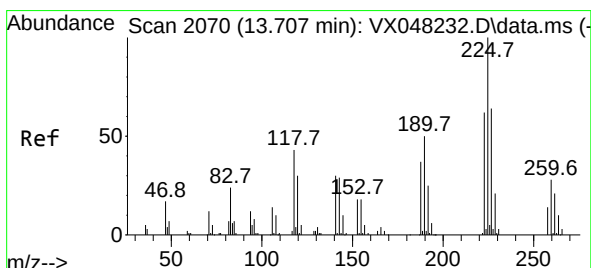
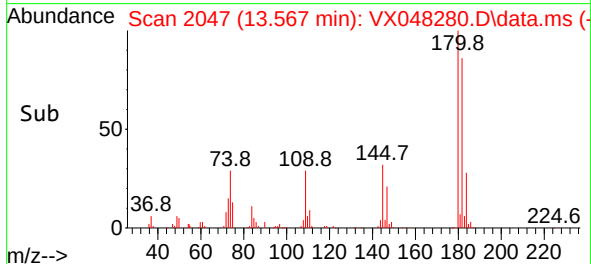
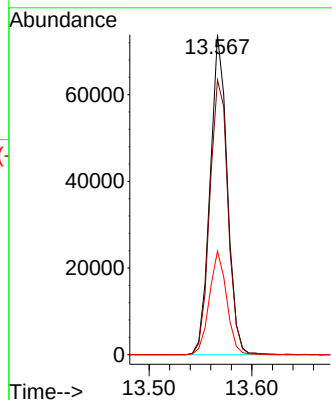
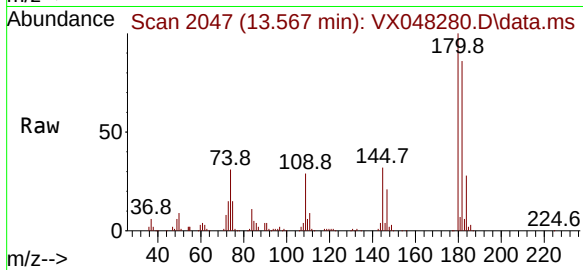
Tgt Ion:180 Resp: 85647

Ion Ratio Lower Upper

180 100

182 91.2 47.3 142.0

145 32.5 16.3 48.9



#94

Hexachlorobutadiene

Concen: 54.034 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. 0.006 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

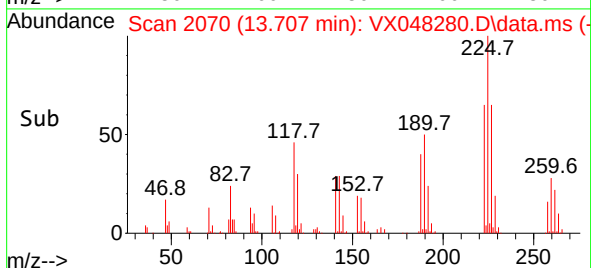
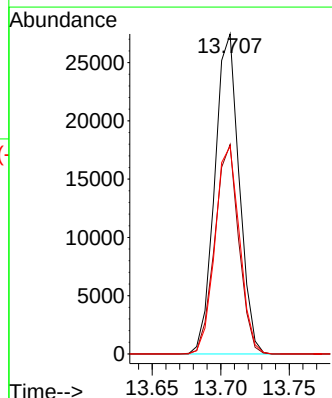
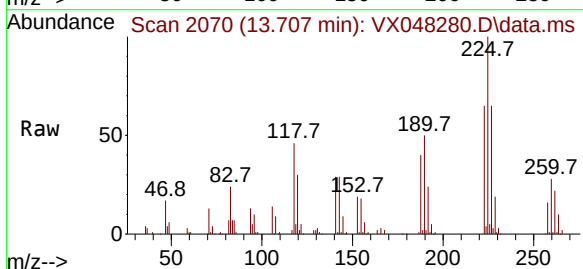
Tgt Ion:225 Resp: 34001

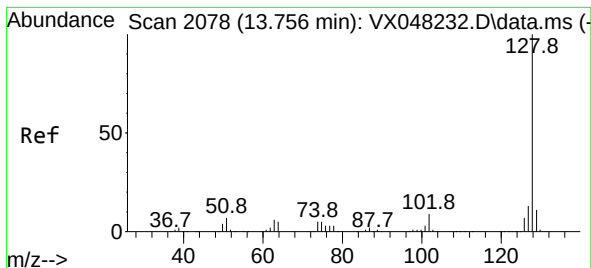
Ion Ratio Lower Upper

225 100

223 64.3 32.6 97.7

227 65.2 32.5 97.4





#95

Naphthalene

Concen: 51.017 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. -0.000 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

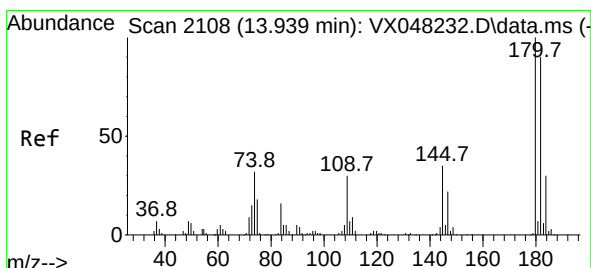
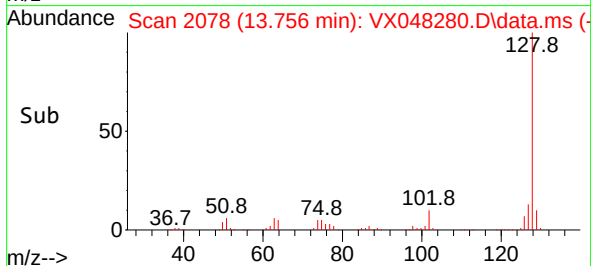
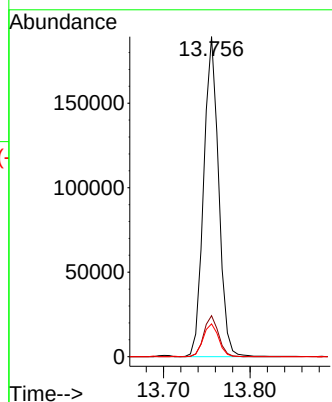
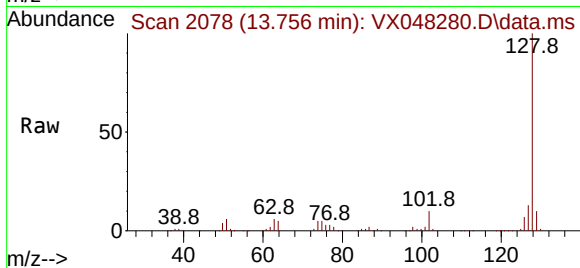
Tgt Ion:128 Resp: 226945

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.6 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 51.255 ug/l

RT: 13.938 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

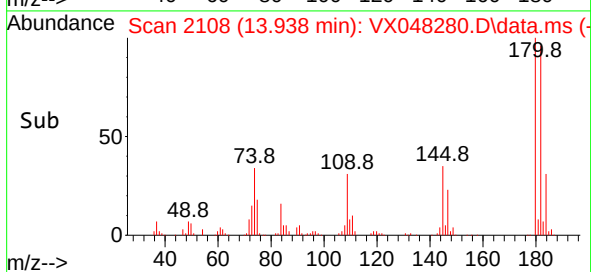
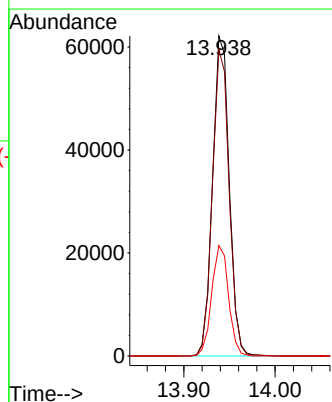
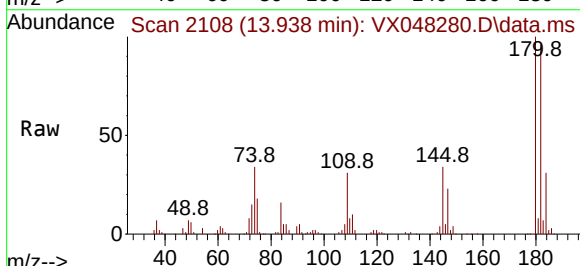
Tgt Ion:180 Resp: 78971

Ion Ratio Lower Upper

180 100

182 95.5 46.6 139.7

145 34.7 16.9 50.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
 Data File : VX048283.D
 Acq On : 22 Oct 2025 09:53
 Operator : JC/MD
 Sample : VX1022WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBS01

Quant Time: Oct 24 05:51:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	115938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	185153	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	172449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	91086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	81572	50.182	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.360%
35) Dibromofluoromethane	5.373	113	64382	50.934	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.860%
50) Toluene-d8	8.629	98	224820	50.743	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.480%
62) 4-Bromofluorobenzene	11.061	95	88327	52.404	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	22868	19.187	ug/l	95
3) Chloromethane	1.301	50	18787	16.887	ug/l	97
4) Vinyl Chloride	1.380	62	16907	16.412	ug/l	100
5) Bromomethane	1.618	94	12759	18.250	ug/l	92
6) Chloroethane	1.697	64	10602	17.514	ug/l	94
7) Trichlorofluoromethane	1.892	101	36946	18.700	ug/l	98
8) Diethyl Ether	2.130	74	9583	17.238	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.337	101	22281	17.809	ug/l	93
10) Methyl Iodide	2.453	142	29719	18.895	ug/l	98
11) Tert butyl alcohol	2.934	59	13125	81.322	ug/l	98
12) 1,1-Dichloroethene	2.325	96	22236	18.268	ug/l	89
13) Acrolein	2.233	56	18404	111.807	ug/l	100
14) Allyl chloride	2.666	41	34300	16.973	ug/l	94
15) Acrylonitrile	3.056	53	51470	88.440	ug/l	98
16) Acetone	2.374	43	49714	89.149	ug/l	94
17) Carbon Disulfide	2.514	76	61537	16.041	ug/l	98
18) Methyl Acetate	2.697	43	19682	16.900	ug/l #	90
19) Methyl tert-butyl Ether	3.105	73	76499	18.423	ug/l	98
20) Methylene Chloride	2.788	84	25627	18.860	ug/l	90
21) trans-1,2-Dichloroethene	3.087	96	24665	18.448	ug/l	97
22) Diisopropyl ether	3.745	45	74217	18.413	ug/l #	82
23) Vinyl Acetate	3.709	43	293391	91.123	ug/l	95
24) 1,1-Dichloroethane	3.605	63	44644	18.318	ug/l	98
25) 2-Butanone	4.538	43	62637	88.741	ug/l	94
26) 2,2-Dichloropropane	4.459	77	42168	19.169	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	29422	18.855	ug/l	97
28) Bromochloromethane	4.885	49	18103	17.914	ug/l #	80
29) Tetrahydrofuran	4.983	42	35783	84.647	ug/l	90
30) Chloroform	5.074	83	50484	19.388	ug/l	96
31) Cyclohexane	5.452	56	36067	17.875	ug/l	89
32) 1,1,1-Trichloroethane	5.367	97	45607	19.005	ug/l	98
36) 1,1-Dichloropropene	5.678	75	32884	18.304	ug/l	99
37) Ethyl Acetate	4.702	43	25793	17.321	ug/l	96
38) Carbon Tetrachloride	5.660	117	41818	18.866	ug/l	97
39) Methylcyclohexane	7.367	83	37971	17.896	ug/l	93
40) Benzene	6.019	78	98700	18.922	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
 Data File : VX048283.D
 Acq On : 22 Oct 2025 09:53
 Operator : JC/MD
 Sample : VX1022WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBS01

Quant Time: Oct 24 05:51:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	13641	17.443	ug/l	95
42) 1,2-Dichloroethane	6.068	62	39202	20.367	ug/l	99
43) Isopropyl Acetate	6.318	43	43873	17.936	ug/l	97
44) Trichloroethene	7.111	130	26617	19.325	ug/l	99
45) 1,2-Dichloropropane	7.415	63	23590	19.022	ug/l	93
46) Dibromomethane	7.568	93	18429	19.074	ug/l	92
47) Bromodichloromethane	7.799	83	40507	19.417	ug/l	96
48) Methyl methacrylate	7.677	41	21757	17.627	ug/l	93
49) 1,4-Dioxane	7.641	88	5789	355.001	ug/l	91
51) 4-Methyl-2-Pentanone	8.555	43	128509	91.119	ug/l	96
52) Toluene	8.702	92	64846	19.569	ug/l	98
53) t-1,3-Dichloropropene	8.964	75	39352	19.575	ug/l	97
54) cis-1,3-Dichloropropene	8.348	75	41608	19.183	ug/l	95
55) 1,1,2-Trichloroethane	9.135	97	24236	19.667	ug/l	96
56) Ethyl methacrylate	9.098	69	32337	17.941	ug/l	98
57) 1,3-Dichloropropane	9.293	76	40790	19.378	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.226	63	82301	86.039	ug/l	96
59) 2-Hexanone	9.415	43	91212	92.750	ug/l	95
60) Dibromochloromethane	9.500	129	32118	19.391	ug/l	98
61) 1,2-Dibromoethane	9.592	107	25567	19.461	ug/l	100
64) Tetrachloroethene	9.256	164	23106	17.948	ug/l	96
65) Chlorobenzene	10.061	112	74866	19.299	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.147	131	27221	19.105	ug/l	99
67) Ethyl Benzene	10.177	91	123704	18.730	ug/l	95
68) m/p-Xylenes	10.287	106	96187	39.196	ug/l	99
69) o-Xylene	10.622	106	45915	19.380	ug/l	100
70) Styrene	10.640	104	81400	20.178	ug/l	99
71) Bromoform	10.781	173	21486	18.867	ug/l #	97
73) Isopropylbenzene	10.945	105	121492	18.261	ug/l	98
74) N-amyl acetate	10.823	43	39294	16.651	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.195	83	32943	18.132	ug/l	97
76) 1,2,3-Trichloropropane	11.220	75	34874	23.610	ug/l	83
77) Bromobenzene	11.183	156	30904	18.526	ug/l	91
78) n-propylbenzene	11.287	91	142548	18.506	ug/l	98
79) 2-Chlorotoluene	11.348	91	87720	18.783	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	102516	18.620	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	10045	16.545	ug/l	92
82) 4-Chlorotoluene	11.439	91	104284	18.810	ug/l	97
83) tert-Butylbenzene	11.695	119	105858	18.713	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	105149	19.137	ug/l	99
85) sec-Butylbenzene	11.872	105	122676	18.025	ug/l	100
86) p-Isopropyltoluene	11.988	119	107570	18.286	ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	58833	18.708	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	60010	18.420	ug/l	98
89) n-Butylbenzene	12.317	91	93913	17.540	ug/l	99
90) Hexachloroethane	12.518	117	20129	17.328	ug/l	91
91) 1,2-Dichlorobenzene	12.317	146	55576	18.823	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	6490	17.598	ug/l	95
93) 1,2,4-Trichlorobenzene	13.567	180	35339	17.699	ug/l	99
94) Hexachlorobutadiene	13.707	225	13881	18.594	ug/l	97
95) Naphthalene	13.756	128	96835	18.305	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	33930	18.518	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048283.D
Acq On : 22 Oct 2025 09:53
Operator : JC/MD
Sample : VX1022WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

Quant Time: Oct 24 05:51:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

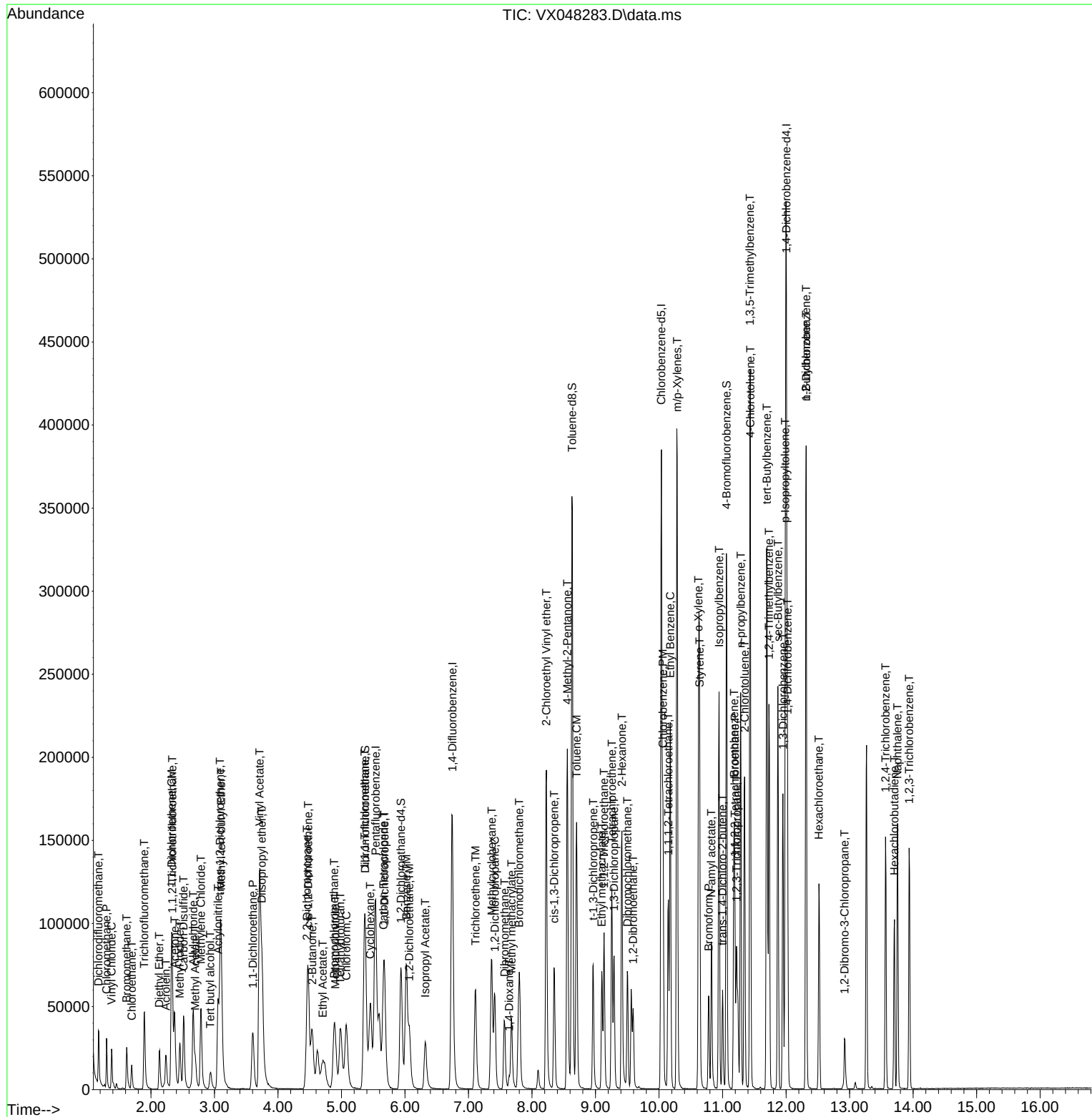
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

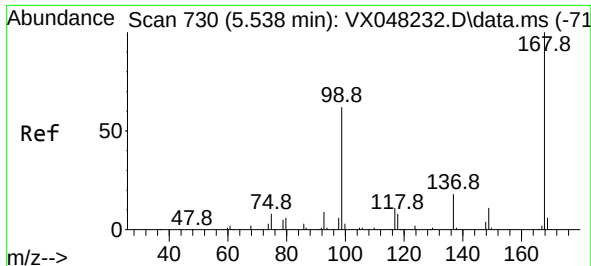
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
 Data File : VX048283.D
 Acq On : 22 Oct 2025 09:53
 Operator : JC/MD
 Sample : VX1022WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBS01

Quant Time: Oct 24 05:51:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

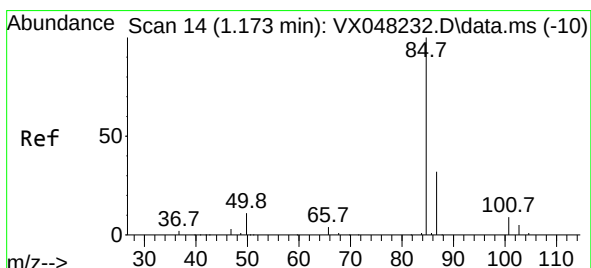
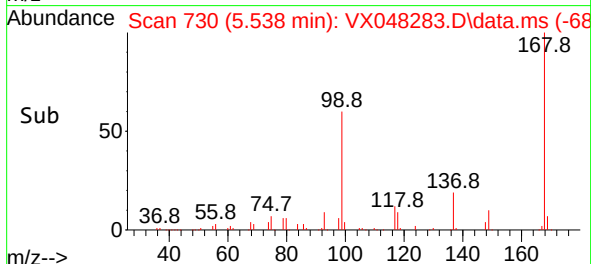
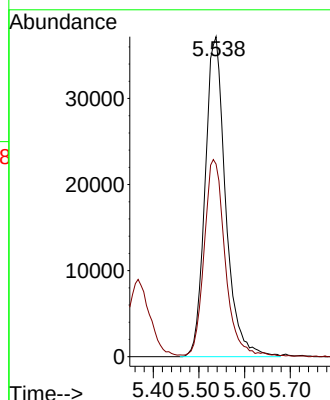
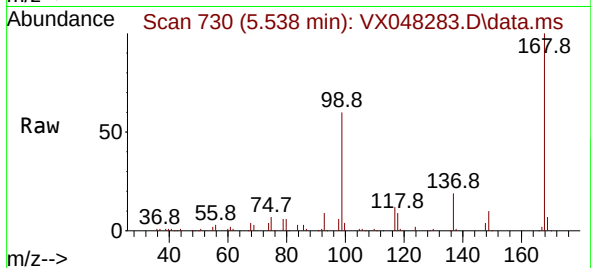




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

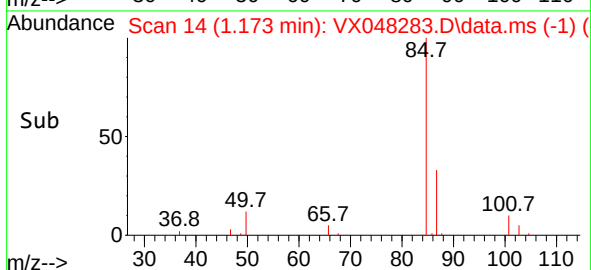
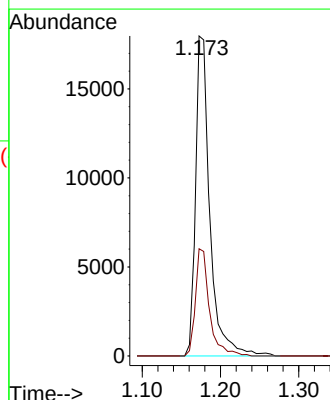
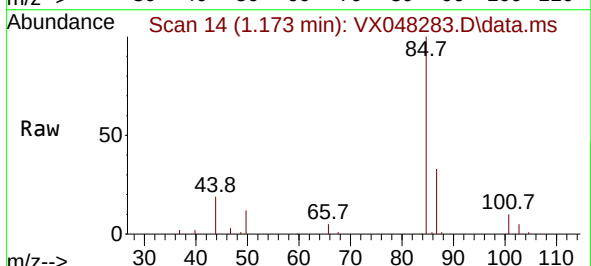
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

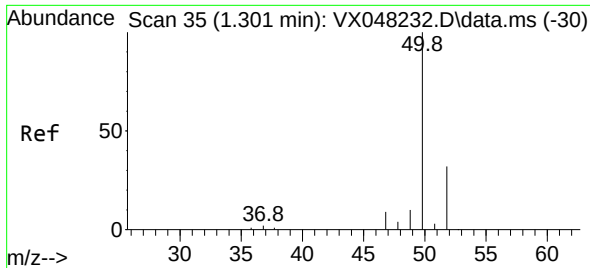
Tgt Ion:168 Resp: 115938
Ion Ratio Lower Upper
168 100
99 59.8 46.4 69.6



#2
Dichlorodifluoromethane
Concen: 19.187 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 85 Resp: 22868
Ion Ratio Lower Upper
85 100
87 33.5 15.3 45.9

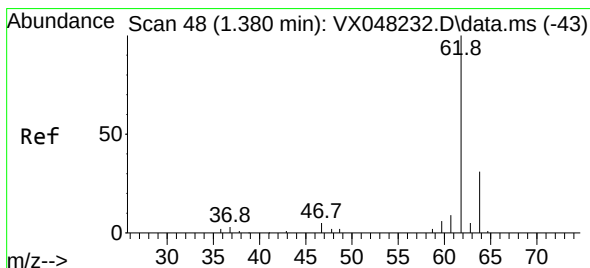
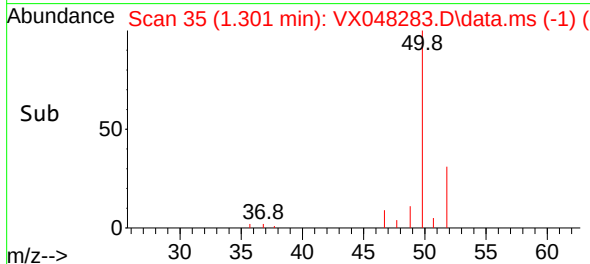
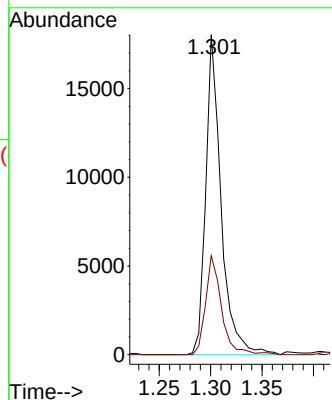
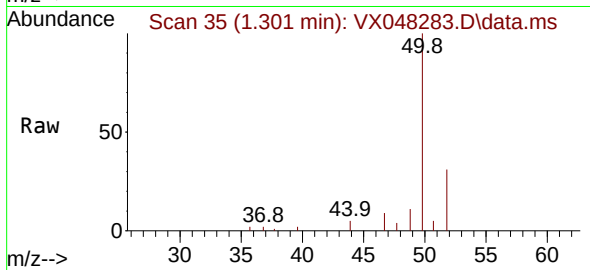




#3
Chloromethane
Concen: 16.887 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

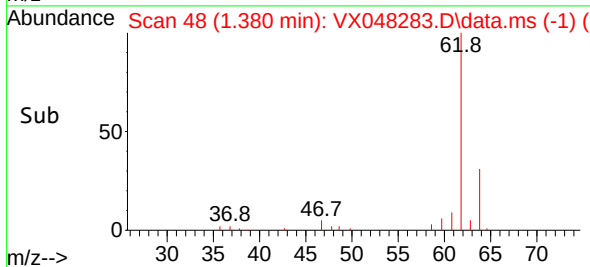
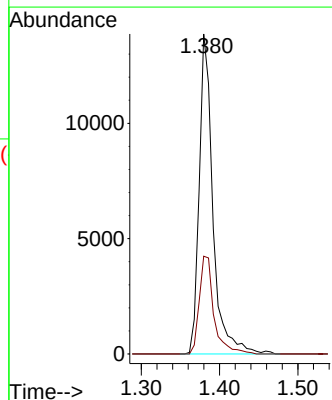
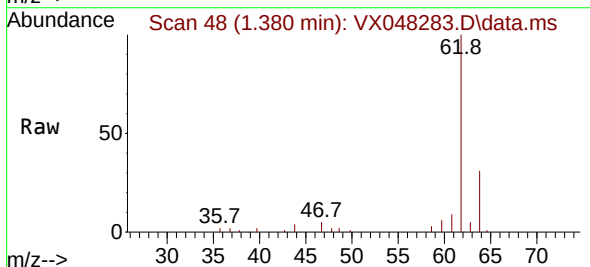
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

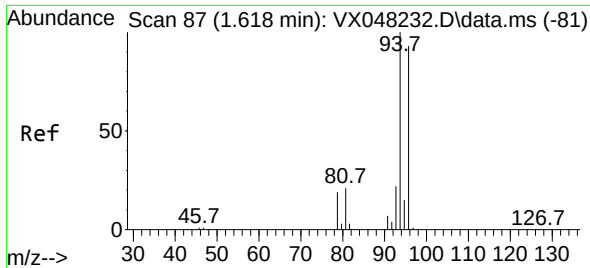
Tgt Ion: 50 Resp: 18787
Ion Ratio Lower Upper
50 100
52 30.9 25.9 38.9



#4
Vinyl Chloride
Concen: 16.412 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 62 Resp: 16907
Ion Ratio Lower Upper
62 100
64 31.5 25.1 37.7

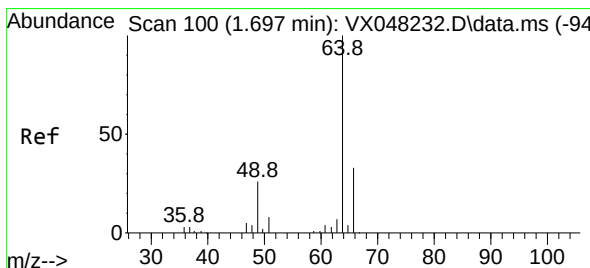
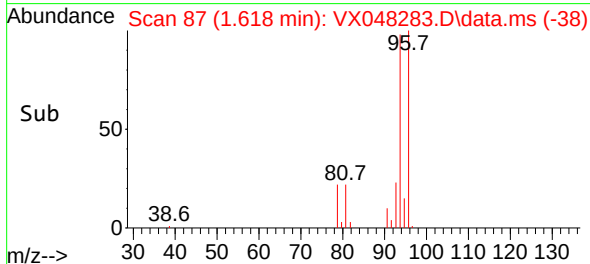
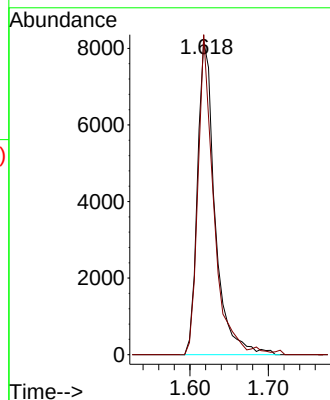
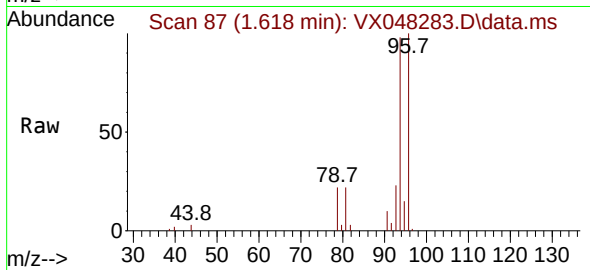




#5
Bromomethane
Concen: 18.250 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

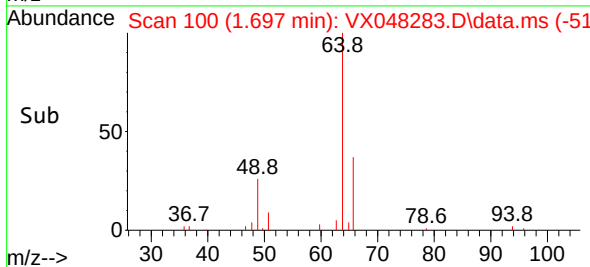
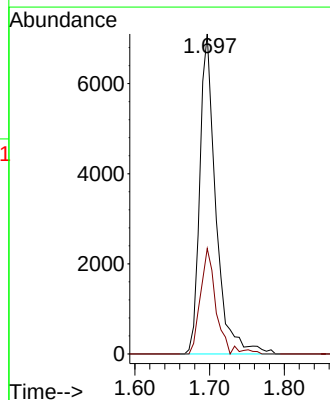
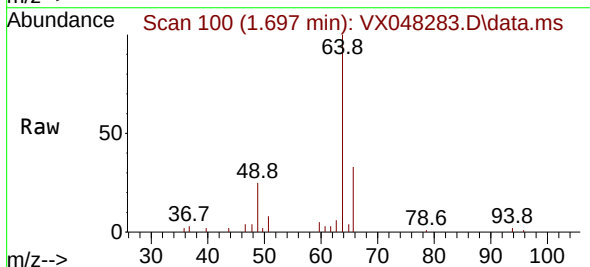
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

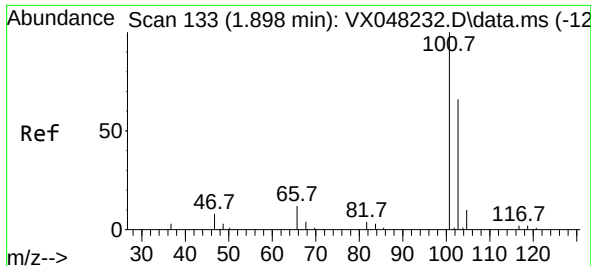
Tgt Ion: 94 Resp: 12759
Ion Ratio Lower Upper
94 100
96 103.2 76.0 114.0



#6
Chloroethane
Concen: 17.514 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 64 Resp: 10602
Ion Ratio Lower Upper
64 100
66 32.9 23.9 35.9

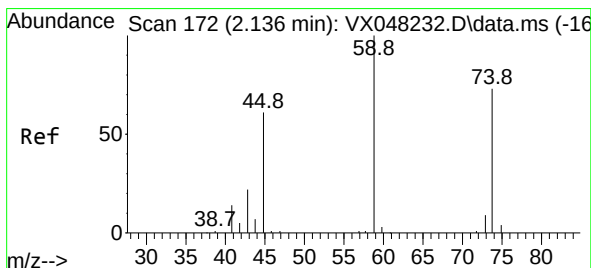
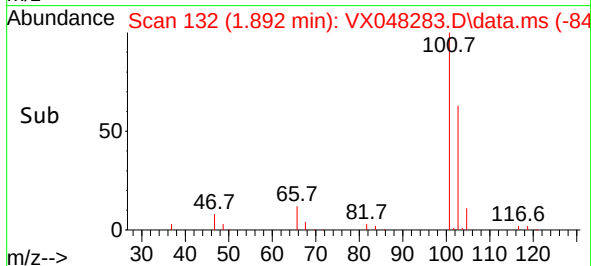
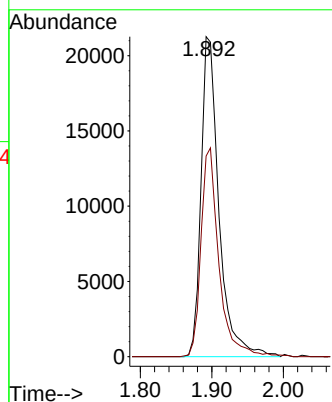
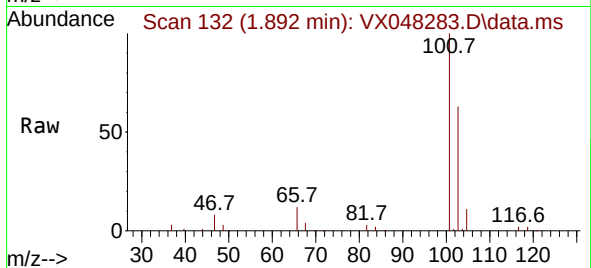




#7
Trichlorofluoromethane
Concen: 18.700 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

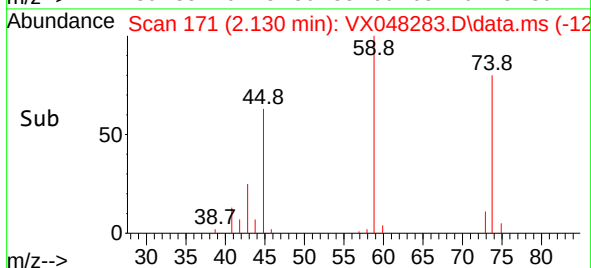
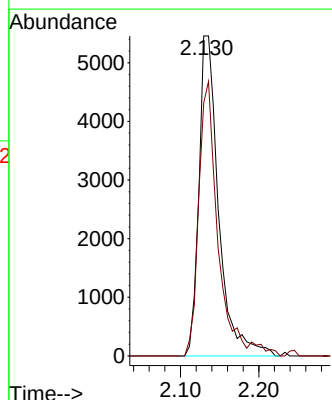
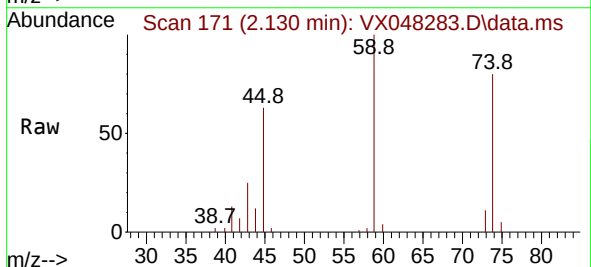
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

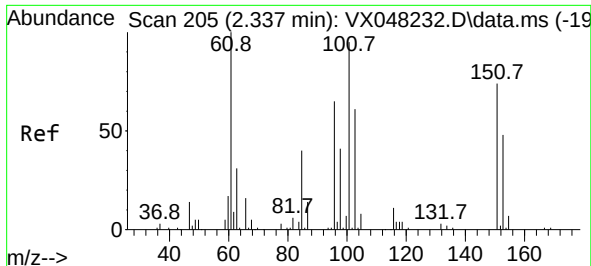
Tgt Ion:101 Resp: 36946
Ion Ratio Lower Upper
101 100
103 62.7 51.6 77.4



#8
Diethyl Ether
Concen: 17.238 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 74 Resp: 9583
Ion Ratio Lower Upper
74 100
45 80.5 50.0 149.8

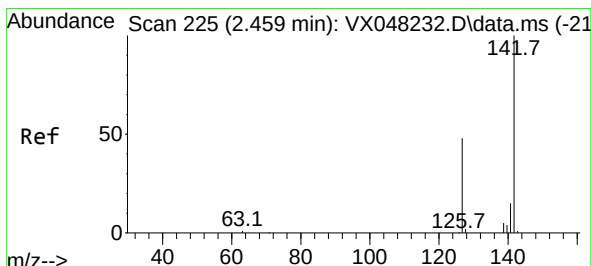
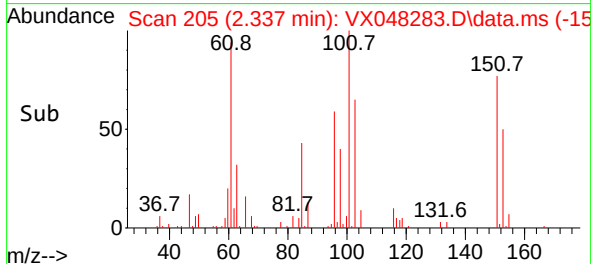
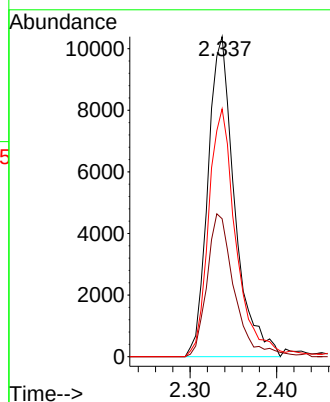
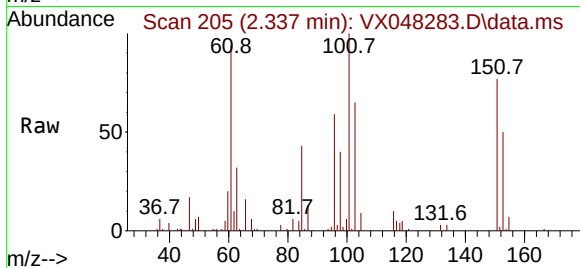




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.809 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

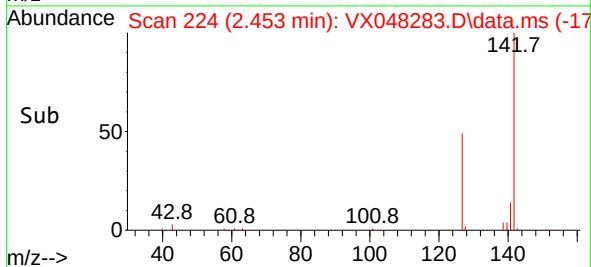
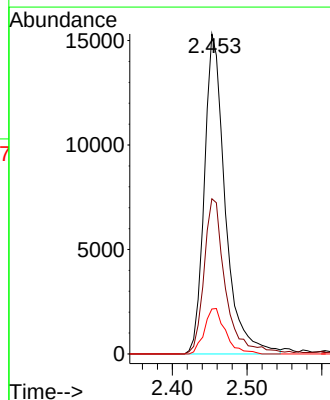
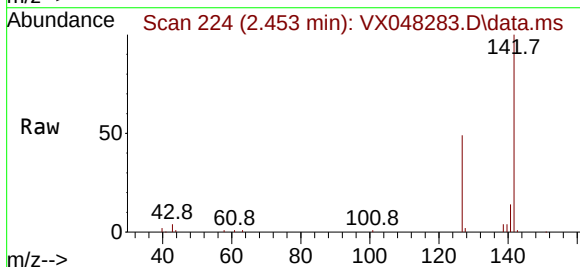
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

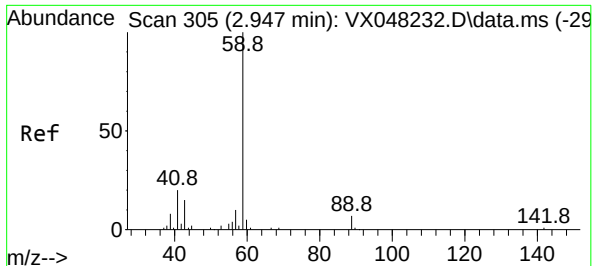
Tgt Ion:	101	Resp:	22281
Ion	Ratio	Lower	Upper
101	100		
85	45.7	35.6	53.4
151	80.6	58.0	87.0



#10
Methyl Iodide
Concen: 18.895 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:	142	Resp:	29719
Ion	Ratio	Lower	Upper
142	100		
127	50.1	38.5	57.7
141	14.3	11.6	17.4





#11

Tert butyl alcohol

Concen: 81.322 ug/l

RT: 2.934 min Scan# 305

Delta R.T. -0.006 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

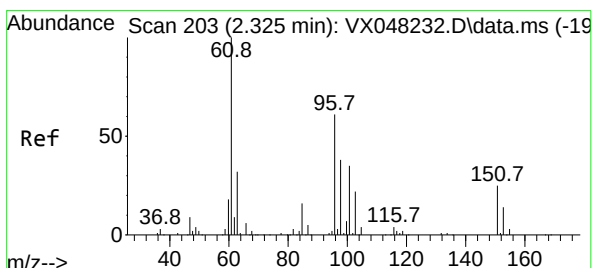
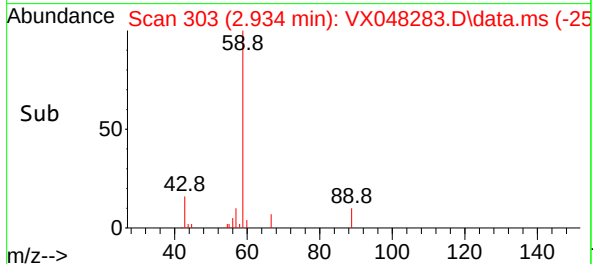
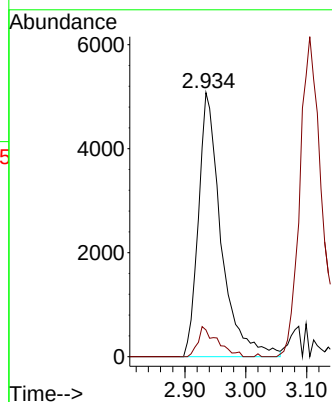
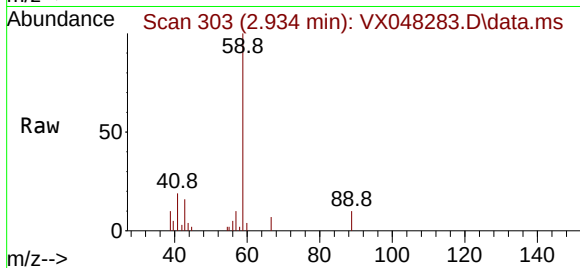
VX1022WBS01

Tgt Ion: 59 Resp: 13125

Ion Ratio Lower Upper

59 100

57 9.7 8.2 12.4



#12

1,1-Dichloroethene

Concen: 18.268 ug/l

RT: 2.325 min Scan# 203

Delta R.T. -0.000 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

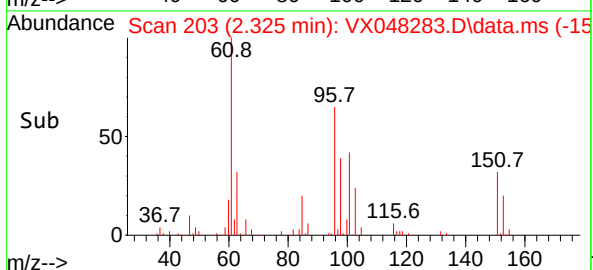
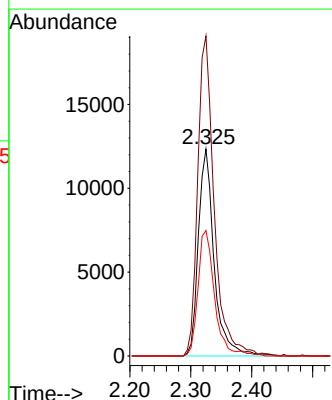
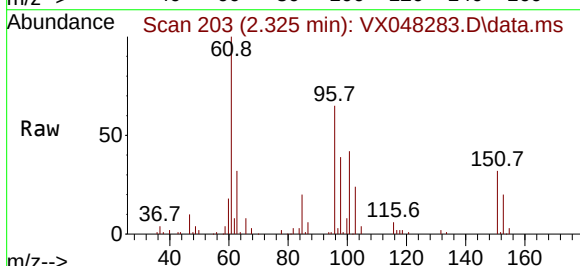
Tgt Ion: 96 Resp: 22236

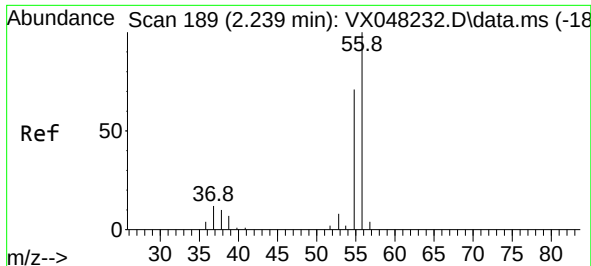
Ion Ratio Lower Upper

96 100

61 154.7 139.0 208.6

98 62.1 52.4 78.6





#13

Acrolein

Concen: 111.807 ug/l

RT: 2.233 min Scan# 189

Delta R.T. -0.000 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

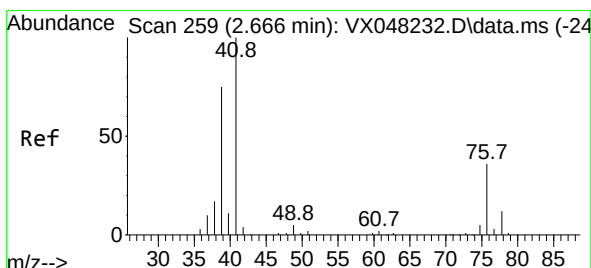
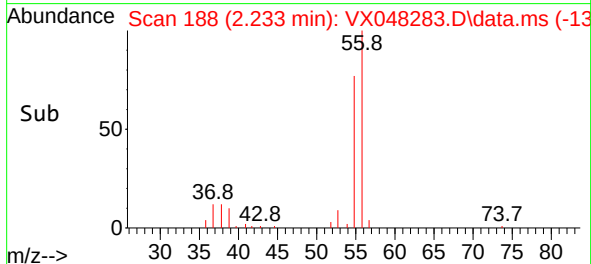
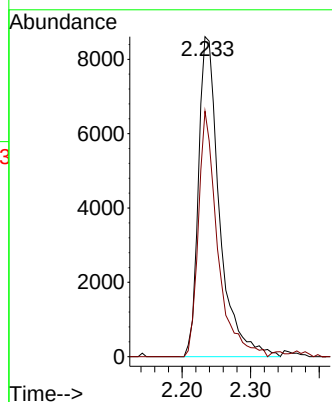
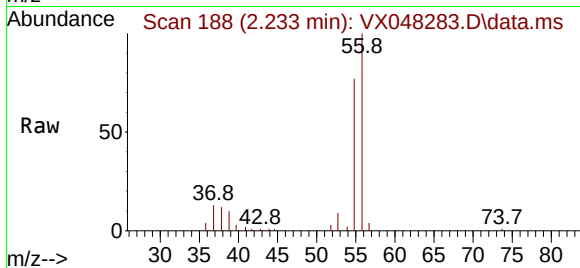
VX1022WBS01

Tgt Ion: 56 Resp: 18404

Ion Ratio Lower Upper

56 100

55 70.1 56.1 84.1



#14

Allyl chloride

Concen: 16.973 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.000 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

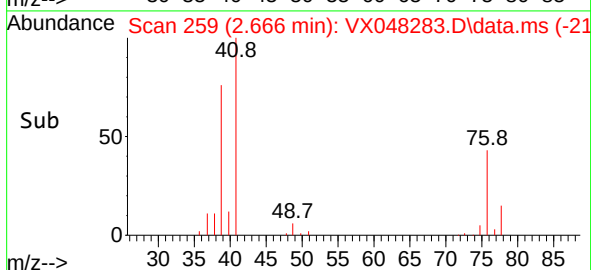
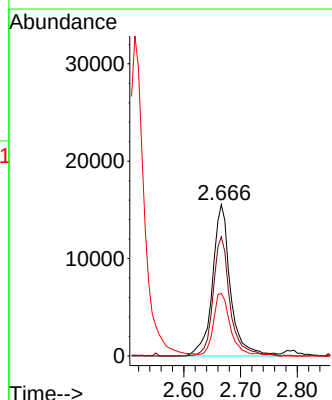
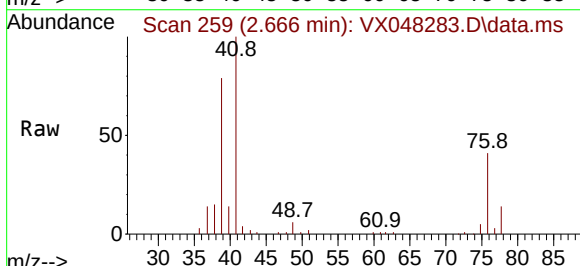
Tgt Ion: 41 Resp: 34300

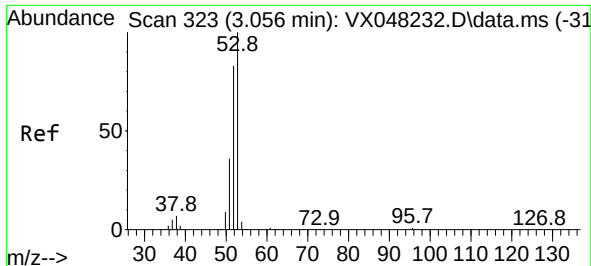
Ion Ratio Lower Upper

41 100

39 73.8 56.0 84.0

76 39.9 27.5 41.3

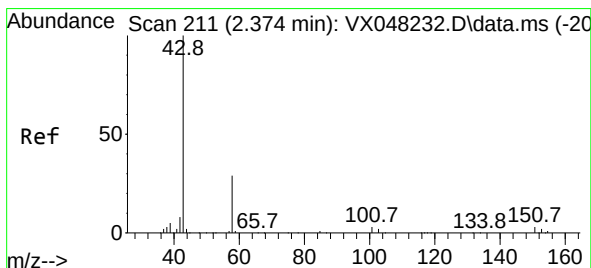
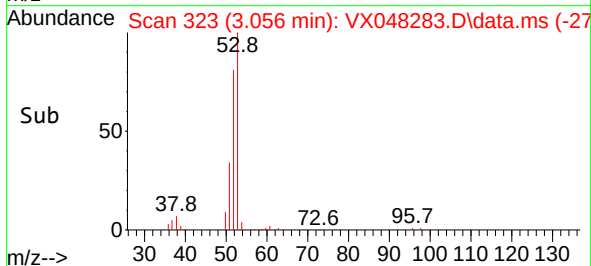
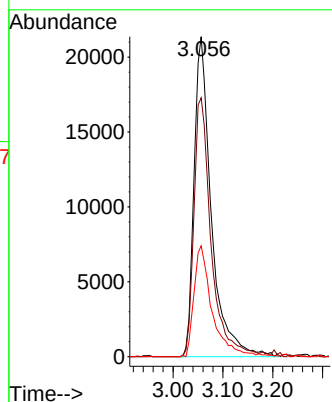
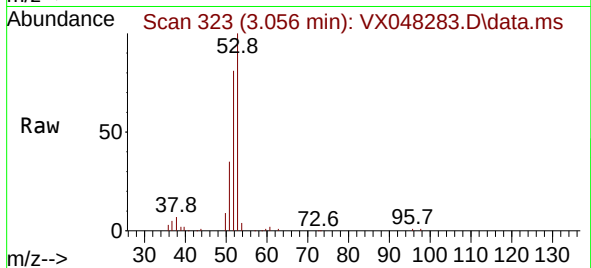




#15
Acrylonitrile
Concen: 88.440 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

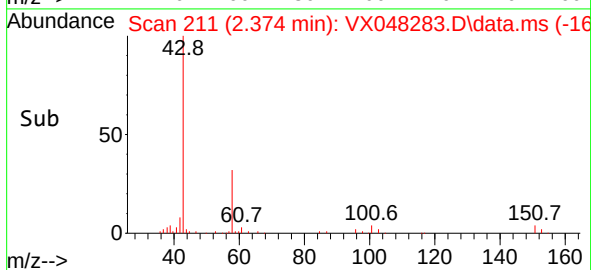
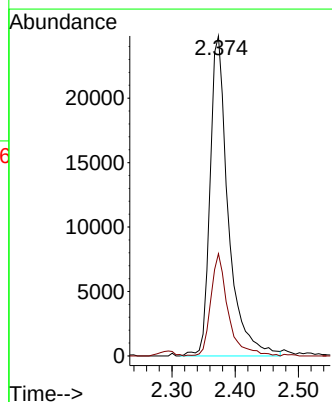
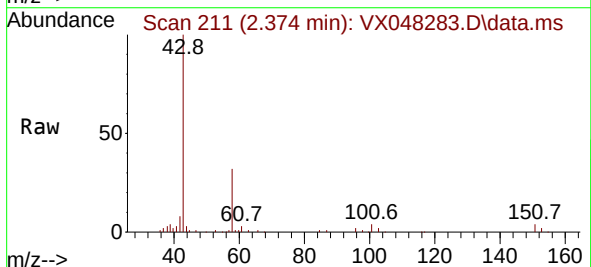
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

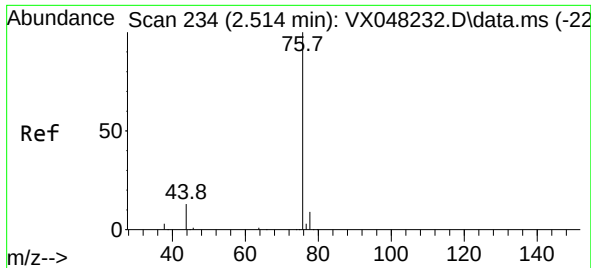
Tgt Ion: 53 Resp: 51470
Ion Ratio Lower Upper
53 100
52 80.2 66.1 99.1
51 36.6 29.0 43.4



#16
Acetone
Concen: 89.149 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 43 Resp: 49714
Ion Ratio Lower Upper
43 100
58 32.3 23.4 35.2





#17

Carbon Disulfide

Concen: 16.041 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

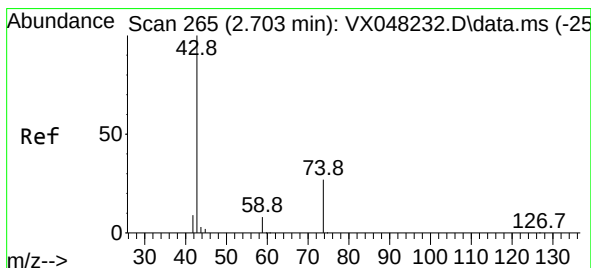
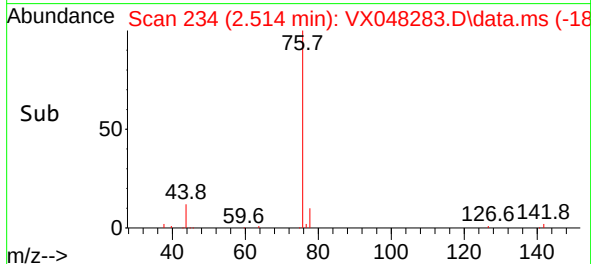
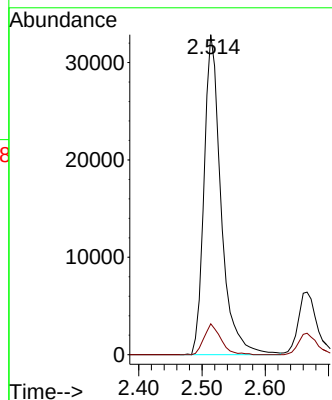
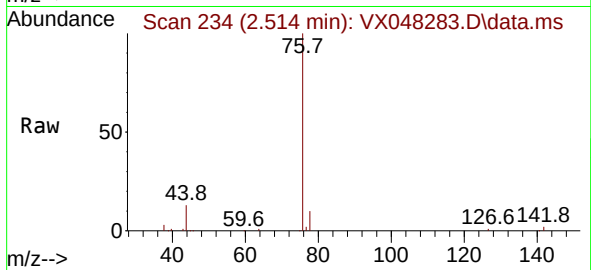
VX1022WBS01

Tgt Ion: 76 Resp: 61537

Ion Ratio Lower Upper

76 100

78 9.7 7.1 10.7



#18

Methyl Acetate

Concen: 16.900 ug/l

RT: 2.697 min Scan# 264

Delta R.T. -0.000 min

Lab File: VX048283.D

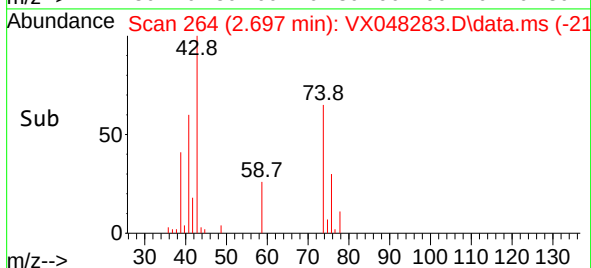
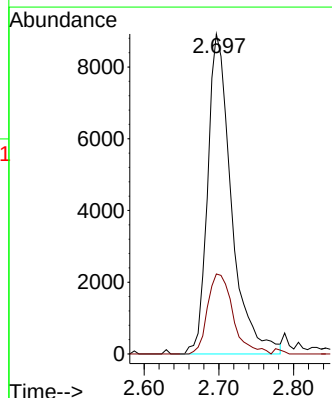
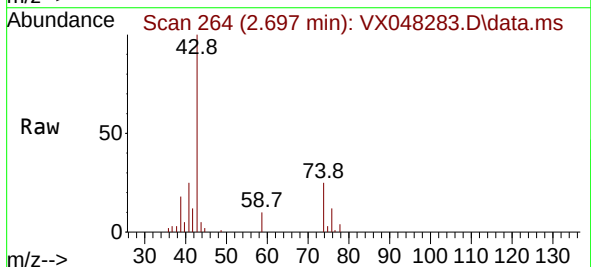
Acq: 22 Oct 2025 09:53

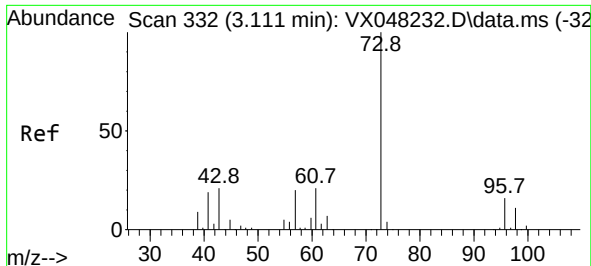
Tgt Ion: 43 Resp: 19682

Ion Ratio Lower Upper

43 100

74 26.6 17.5 26.3#

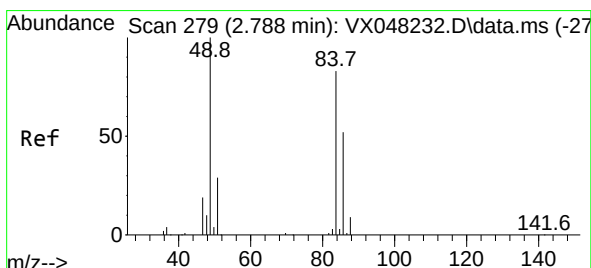
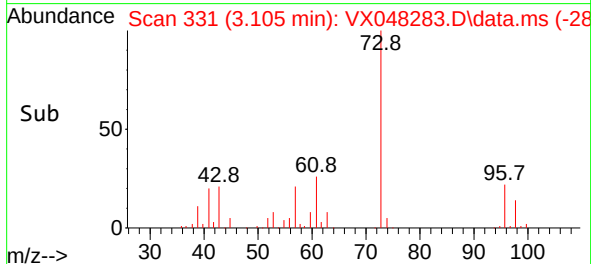
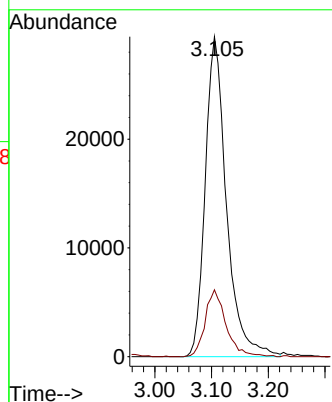
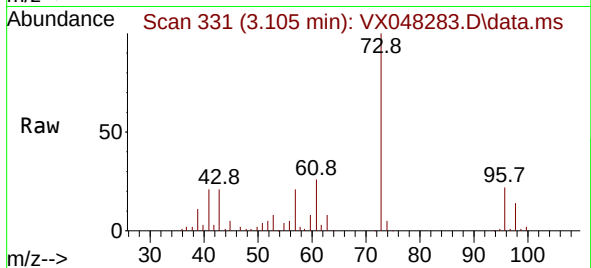




#19
Methyl tert-butyl Ether
Concen: 18.423 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

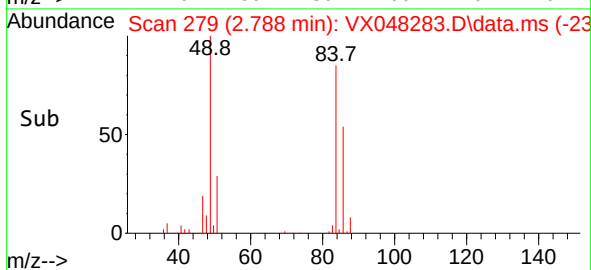
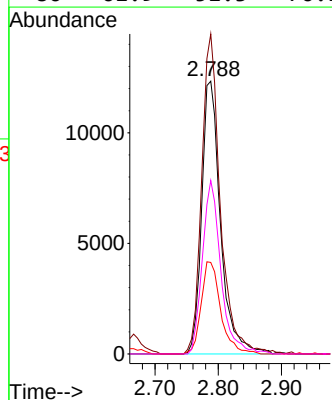
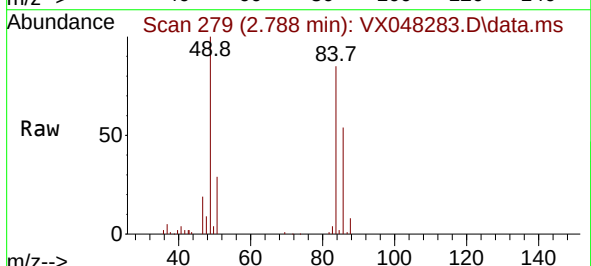
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

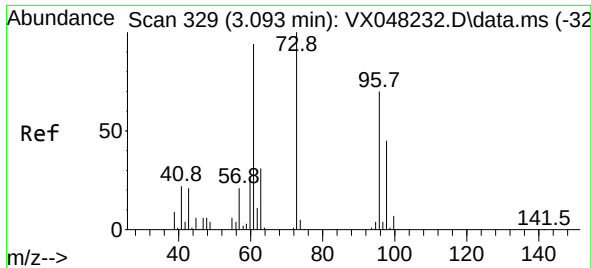
Tgt Ion: 73 Resp: 76499
Ion Ratio Lower Upper
73 100
57 20.9 17.7 26.5



#20
Methylene Chloride
Concen: 18.860 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 84 Resp: 25627
Ion Ratio Lower Upper
84 100
49 114.2 104.1 156.1
51 32.7 31.3 46.9
86 61.9 51.3 76.9

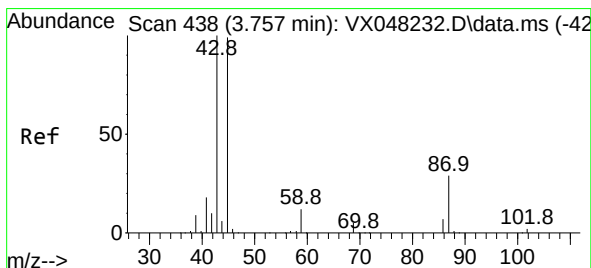
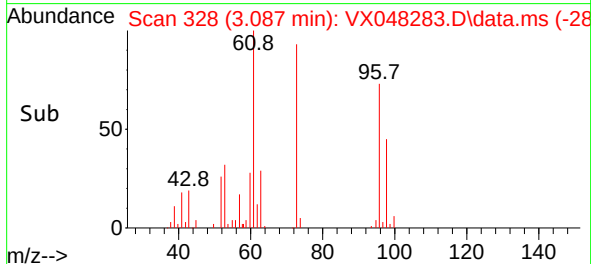
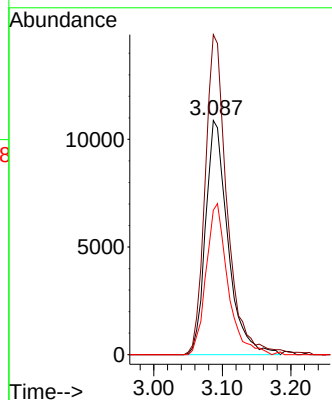
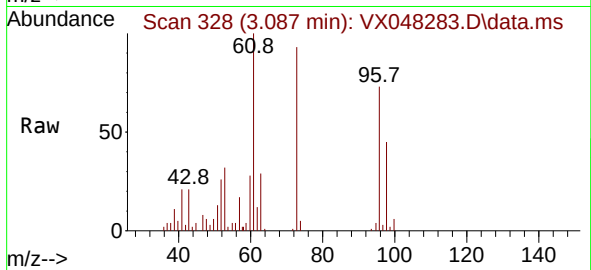




#21
trans-1,2-Dichloroethene
Concen: 18.448 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

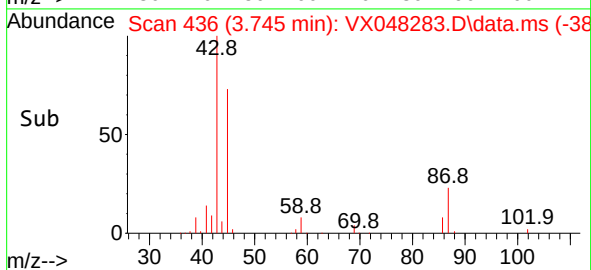
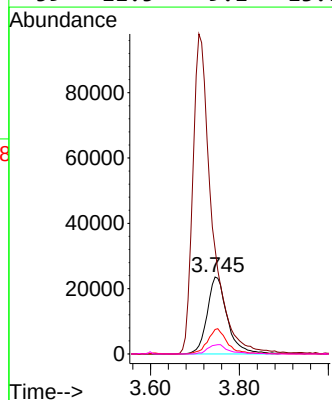
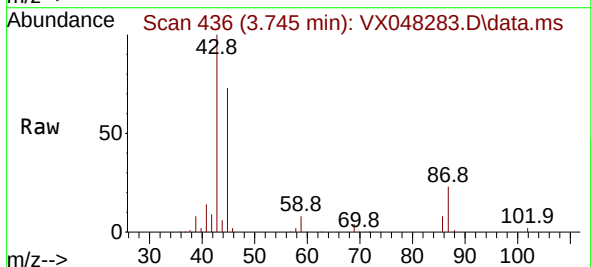
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

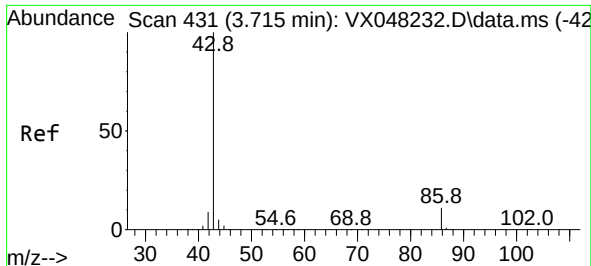
Tgt Ion: 96 Resp: 24665
Ion Ratio Lower Upper
96 100
61 136.6 111.9 167.9
98 61.6 51.2 76.8



#22
Diisopropyl ether
Concen: 18.413 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 45 Resp: 74217
Ion Ratio Lower Upper
45 100
43 135.1 89.8 134.8#
87 31.9 20.6 31.0#
59 11.5 9.1 13.7

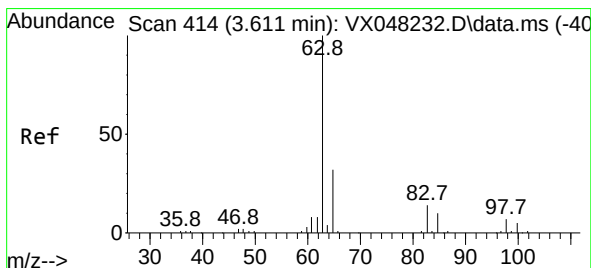
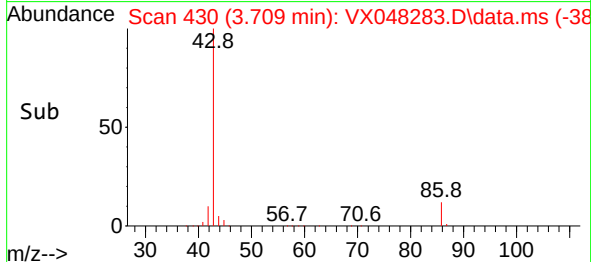
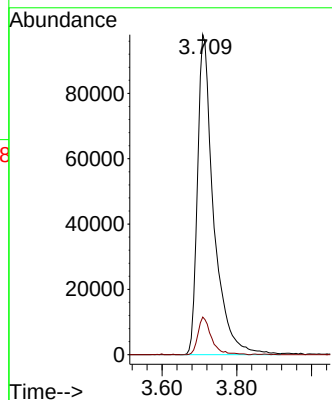
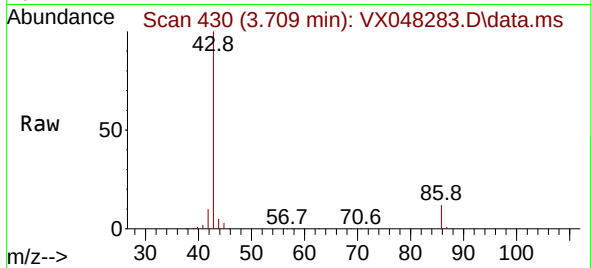




#23
 Vinyl Acetate
 Concen: 91.123 ug/l
 RT: 3.709 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX048283.D
 Acq: 22 Oct 2025 09:53

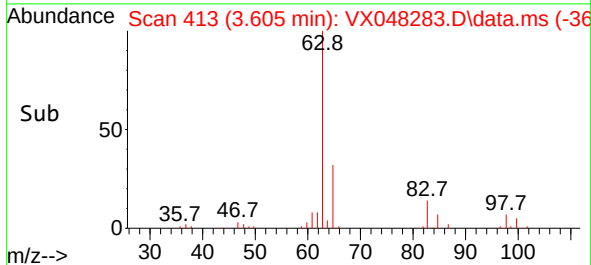
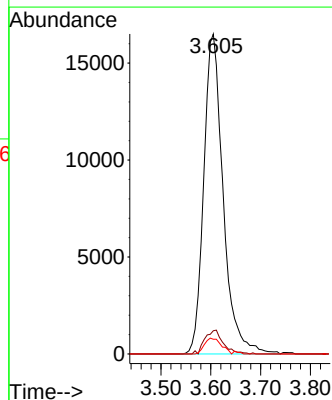
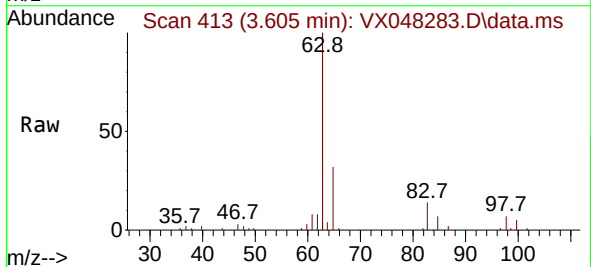
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBS01

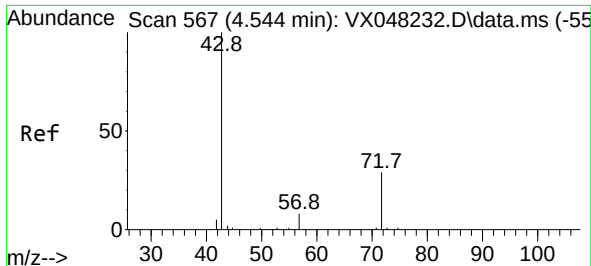
Tgt Ion: 43 Resp: 293391
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 18.318 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX048283.D
 Acq: 22 Oct 2025 09:53

Tgt Ion: 63 Resp: 44644
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.5 10.6
 100 4.6 2.1 6.3

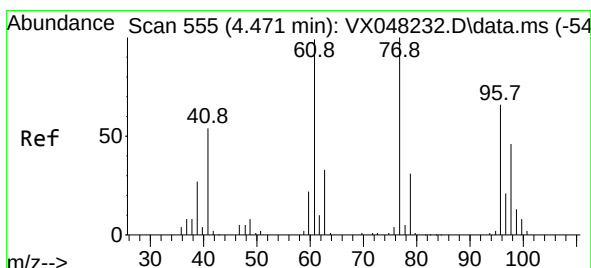
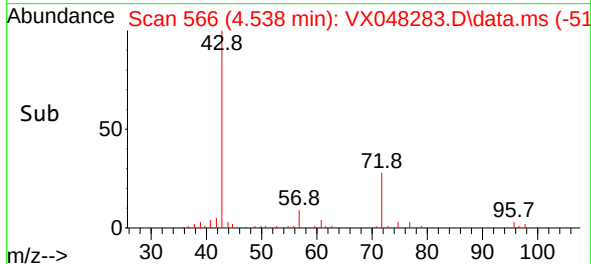
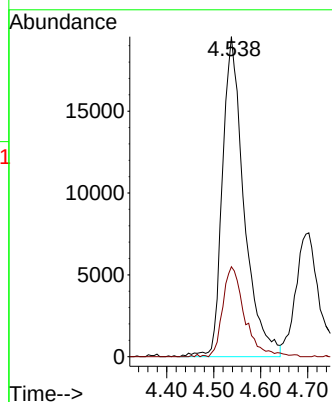
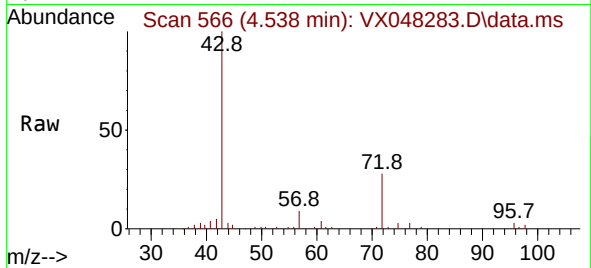




#25
2-Butanone
Concen: 88.741 ug/l
RT: 4.538 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

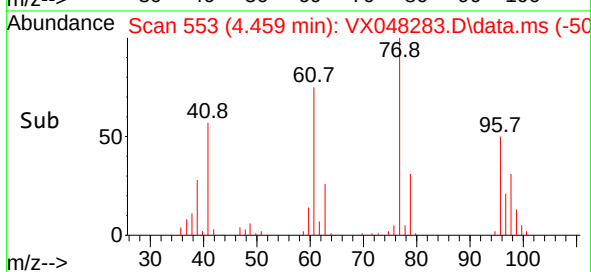
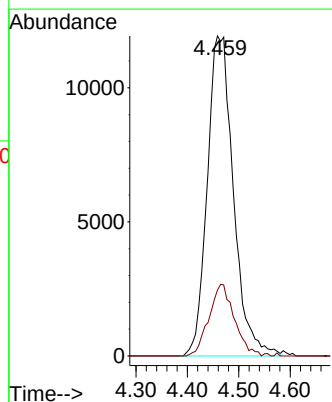
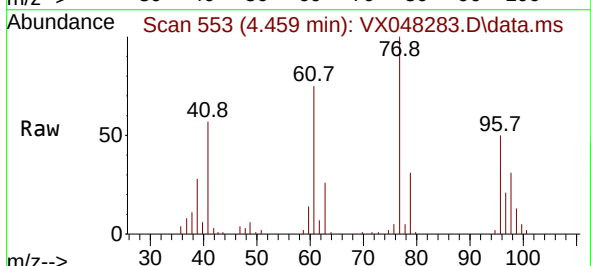
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

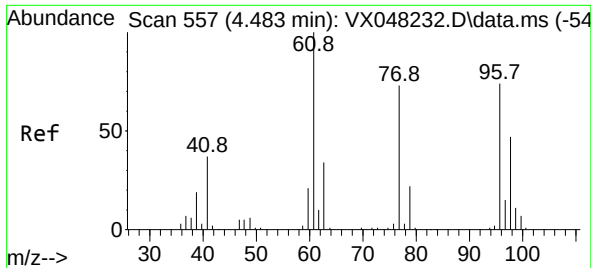
Tgt Ion: 43 Resp: 62637
Ion Ratio Lower Upper
43 100
72 28.1 19.9 29.9



#26
2,2-Dichloropropane
Concen: 19.169 ug/l
RT: 4.459 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 77 Resp: 42168
Ion Ratio Lower Upper
77 100
97 21.8 11.1 33.3

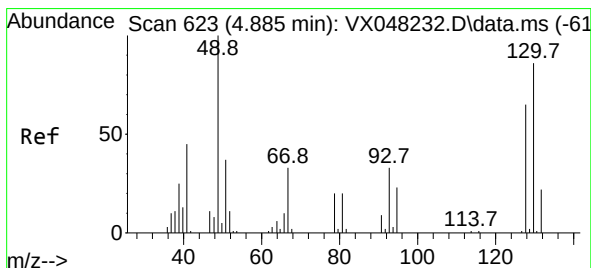
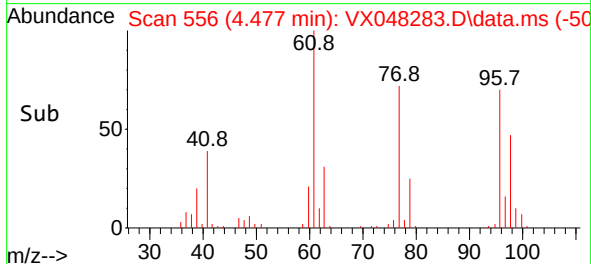
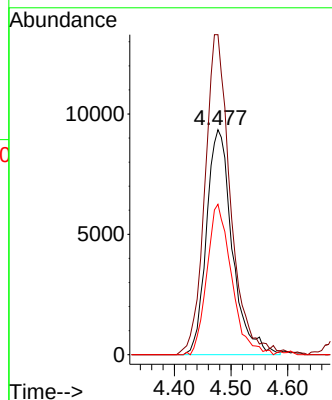
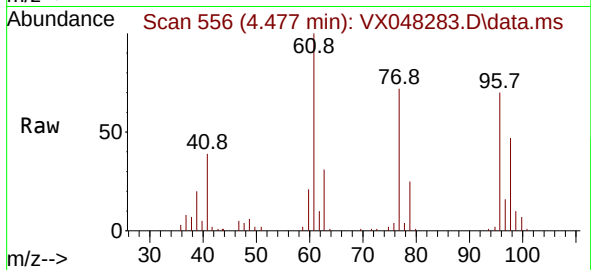




#27
 cis-1,2-Dichloroethene
 Concen: 18.855 ug/l
 RT: 4.477 min Scan# 557
 Delta R.T. -0.006 min
 Lab File: VX048283.D
 Acq: 22 Oct 2025 09:53

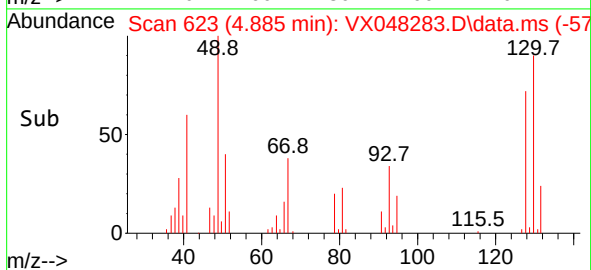
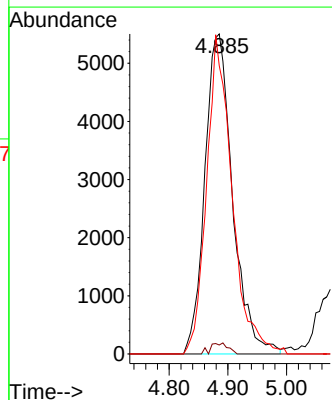
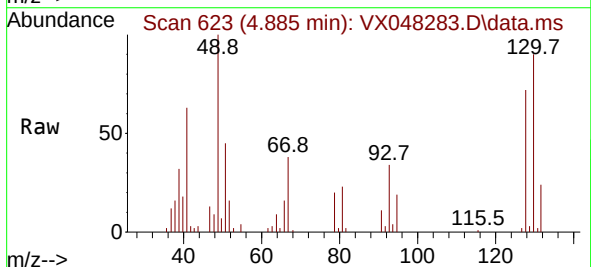
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBS01

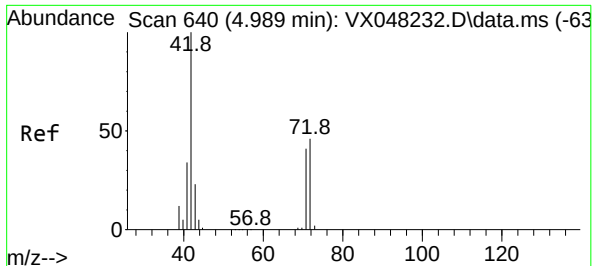
Tgt Ion: 96 Resp: 29422
 Ion Ratio Lower Upper
 96 100
 61 142.1 0.0 294.2
 98 64.0 0.0 128.4



#28
 Bromochloromethane
 Concen: 17.914 ug/l
 RT: 4.885 min Scan# 623
 Delta R.T. -0.000 min
 Lab File: VX048283.D
 Acq: 22 Oct 2025 09:53

Tgt Ion: 49 Resp: 18103
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.4
 130 91.4 59.3 88.9#





#29

Tetrahydrofuran

Concen: 84.647 ug/l

RT: 4.983 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS01

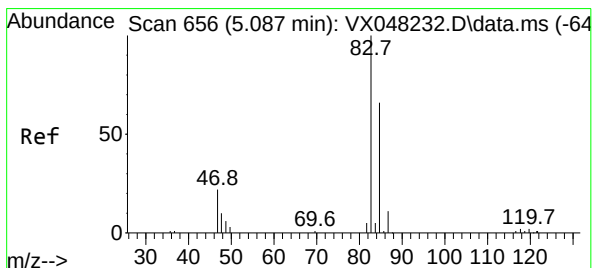
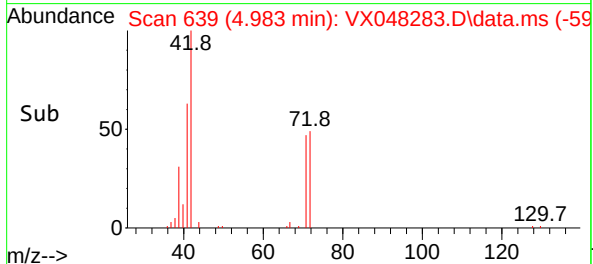
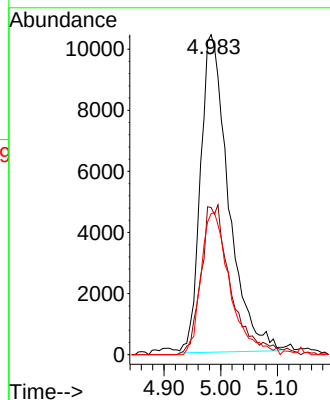
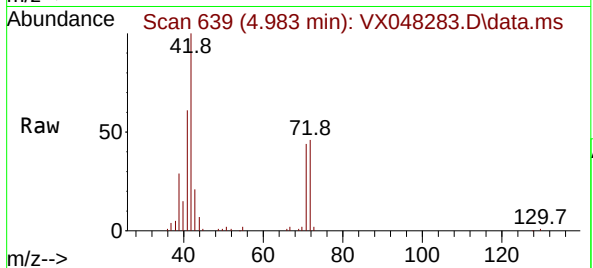
Tgt Ion: 42 Resp: 35783

Ion Ratio Lower Upper

42 100

72 50.3 35.3 52.9

71 46.3 32.2 48.4



#30

Chloroform

Concen: 19.388 ug/l

RT: 5.074 min Scan# 654

Delta R.T. -0.006 min

Lab File: VX048283.D

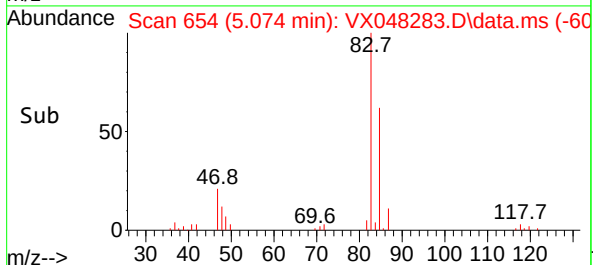
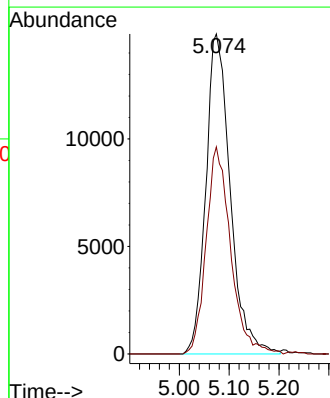
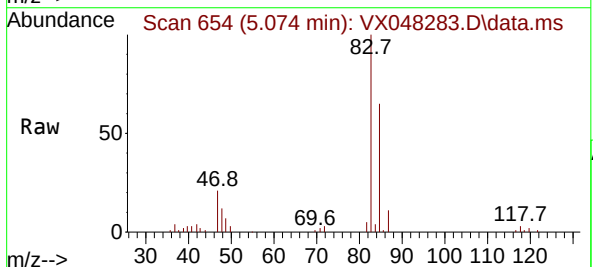
Acq: 22 Oct 2025 09:53

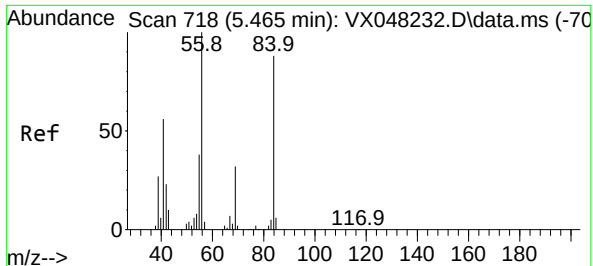
Tgt Ion: 83 Resp: 50484

Ion Ratio Lower Upper

83 100

85 65.9 50.1 75.1

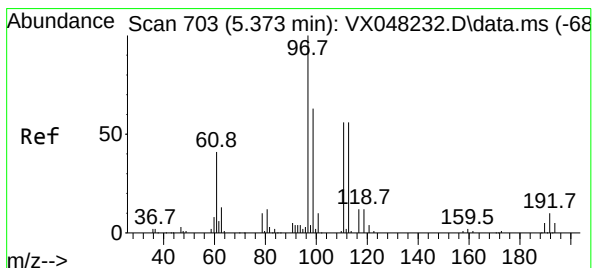
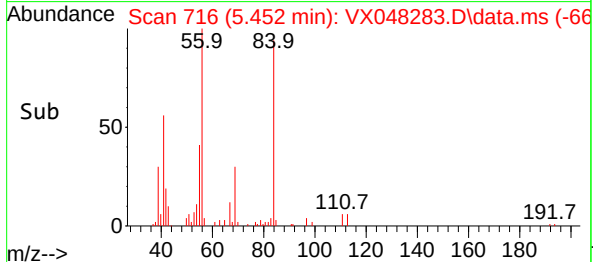
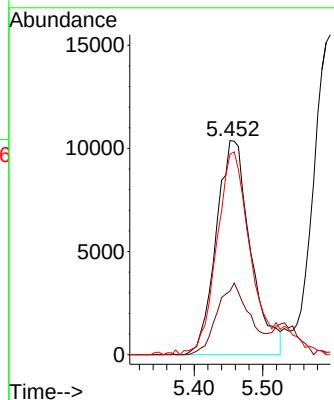
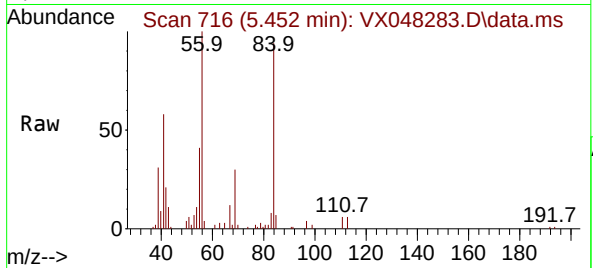




#31
Cyclohexane
Concen: 17.875 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

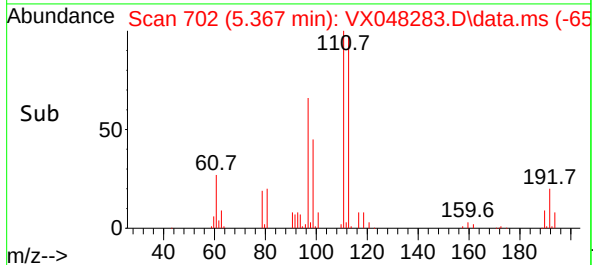
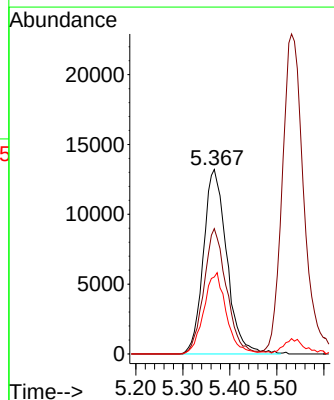
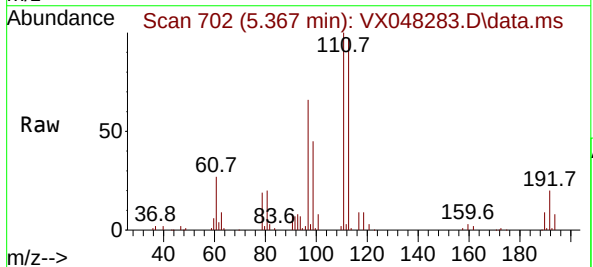
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

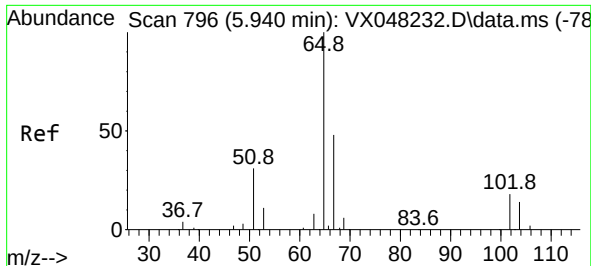
Tgt Ion: 56 Resp: 36067
Ion Ratio Lower Upper
56 100
69 29.7 23.0 34.6
84 93.6 64.6 97.0



#32
1,1,1-Trichloroethane
Concen: 19.005 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 97 Resp: 45607
Ion Ratio Lower Upper
97 100
99 65.9 51.7 77.5
61 42.3 34.8 52.2

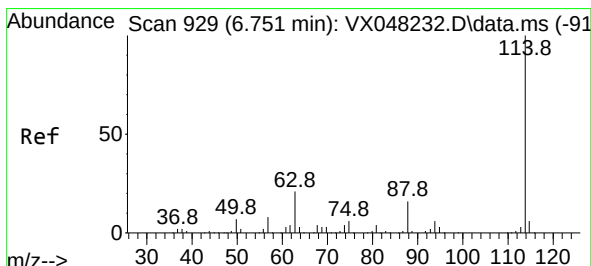
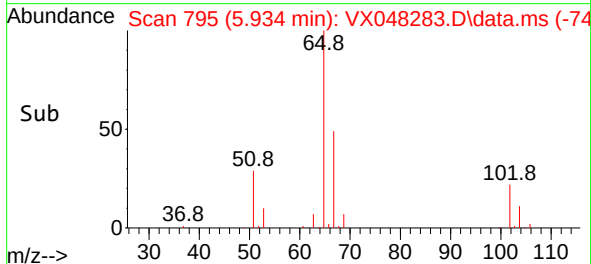
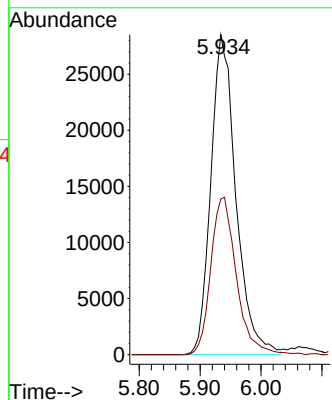
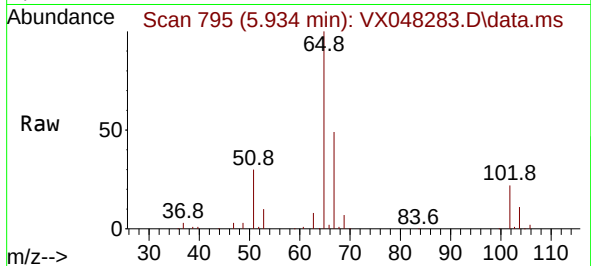




#33
 1,2-Dichloroethane-d4
 Concen: 50.182 ug/l
 RT: 5.934 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: VX048283.D
 Acq: 22 Oct 2025 09:53

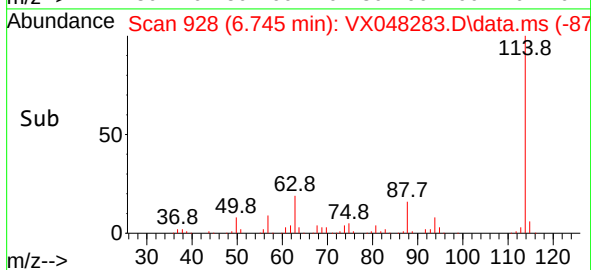
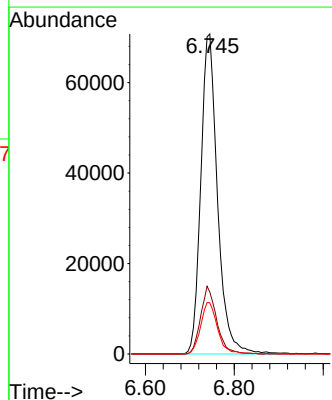
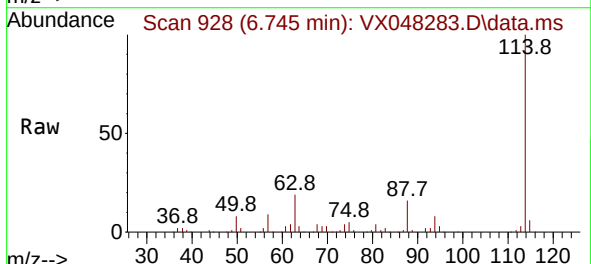
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBS01

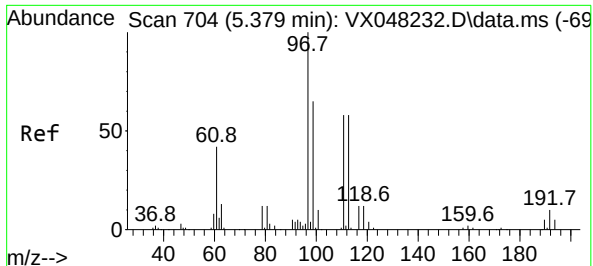
Tgt Ion: 65 Resp: 81572
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 928
 Delta R.T. -0.000 min
 Lab File: VX048283.D
 Acq: 22 Oct 2025 09:53

Tgt Ion: 114 Resp: 185153
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 43.2
 88 16.0 0.0 33.6

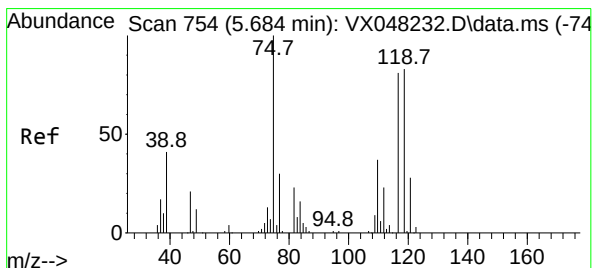
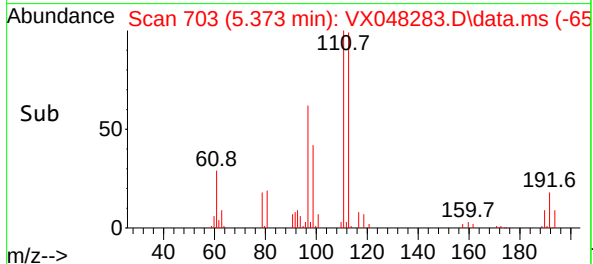
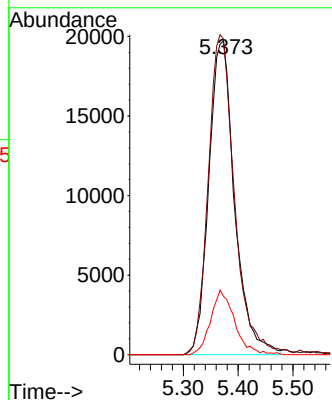
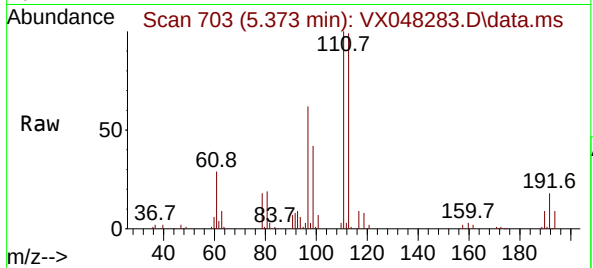




#35
Dibromofluoromethane
Concen: 50.934 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

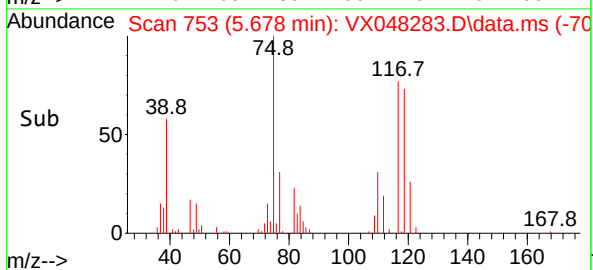
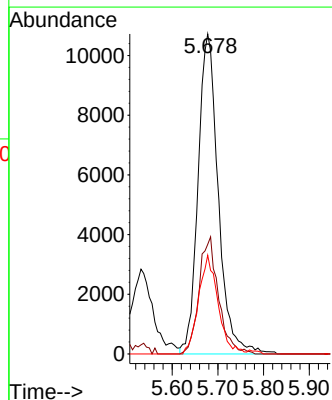
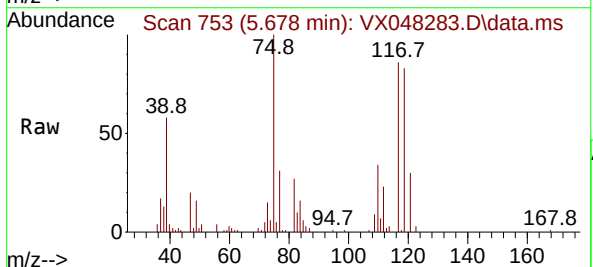
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

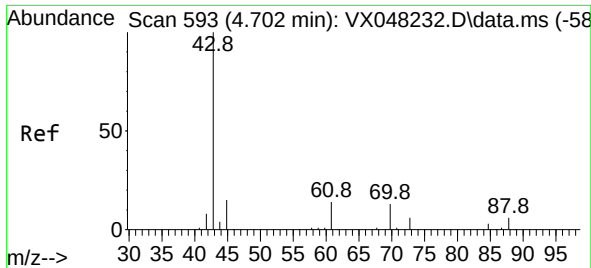
Tgt Ion:113 Resp: 64382
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 19.3 15.1 22.7



#36
1,1-Dichloropropene
Concen: 18.304 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 75 Resp: 32884
Ion Ratio Lower Upper
75 100
110 35.3 17.7 53.1
77 29.7 24.3 36.5

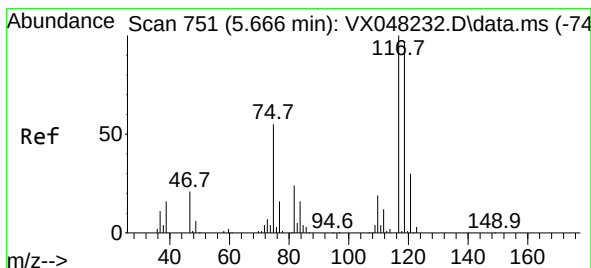
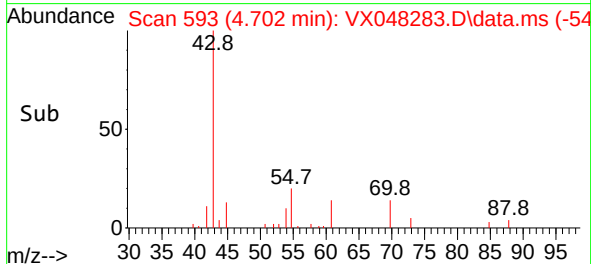
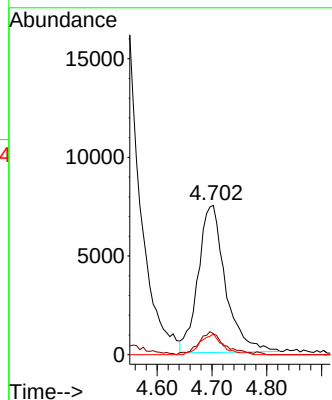
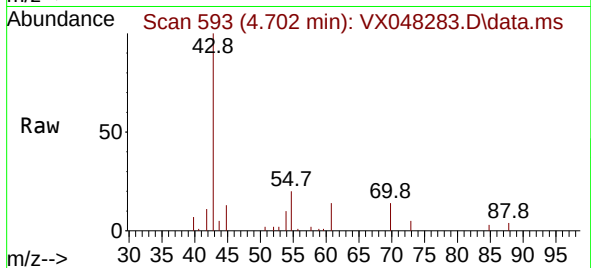




#37
Ethyl Acetate
Concen: 17.321 ug/l
RT: 4.702 min Scan# 593
Delta R.T. 0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

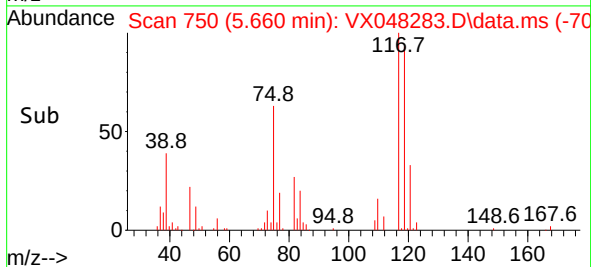
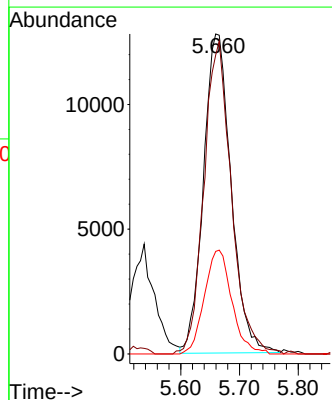
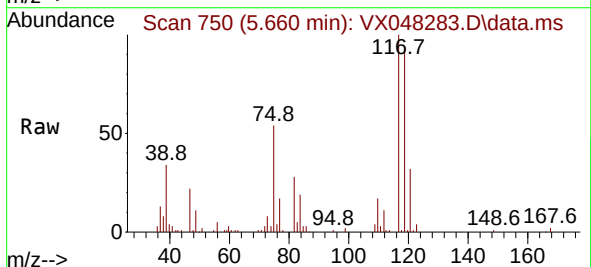
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

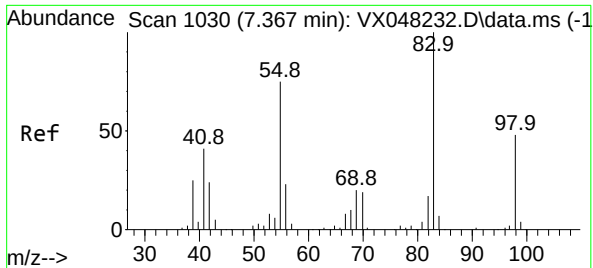
Tgt Ion:	43	Resp:	25793
Ion	Ratio	Lower	Upper
43	100		
61	14.5	10.6	15.8
70	11.6	7.8	11.6



#38
Carbon Tetrachloride
Concen: 18.866 ug/l
RT: 5.660 min Scan# 750
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:	117	Resp:	41818
Ion	Ratio	Lower	Upper
117	100		
119	93.0	77.2	115.8
121	32.2	24.8	37.2

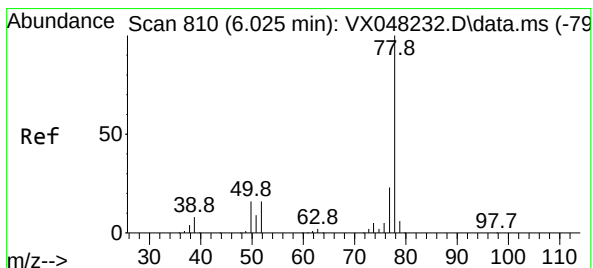
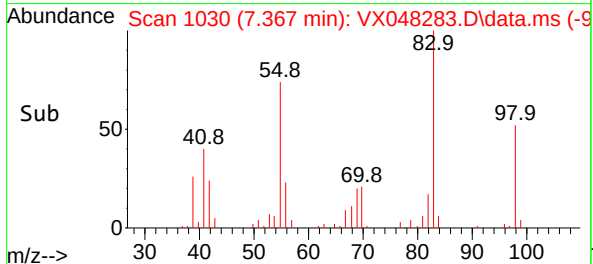
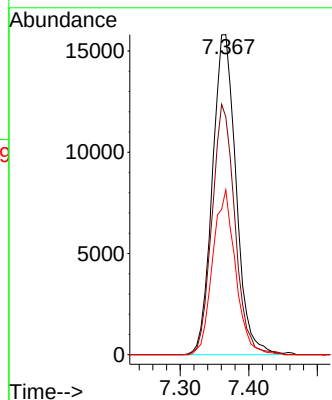
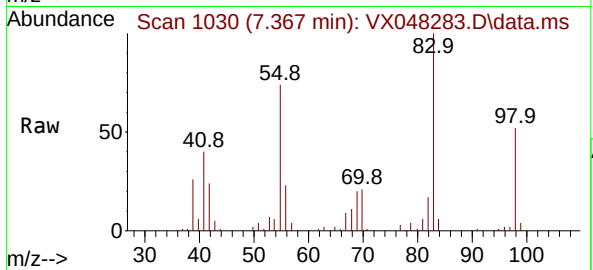




#39
Methylcyclohexane
Concen: 17.896 ug/l
RT: 7.367 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

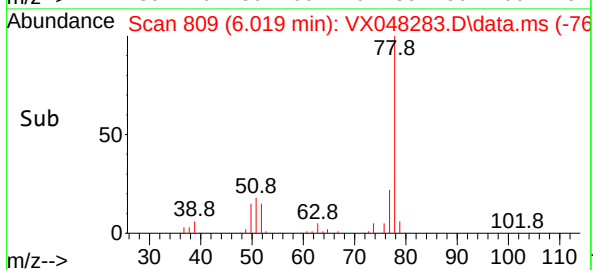
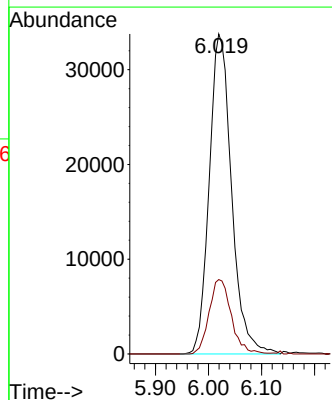
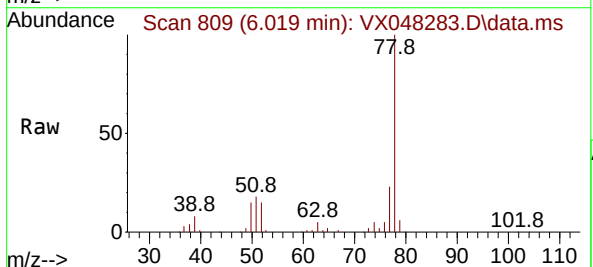
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

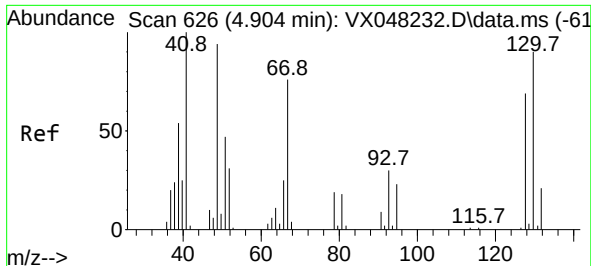
Tgt Ion: 83 Resp: 37971
Ion Ratio Lower Upper
83 100
55 74.3 66.2 99.2
98 51.5 38.9 58.3



#40
Benzene
Concen: 18.922 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 78 Resp: 98700
Ion Ratio Lower Upper
78 100
77 23.3 19.3 28.9



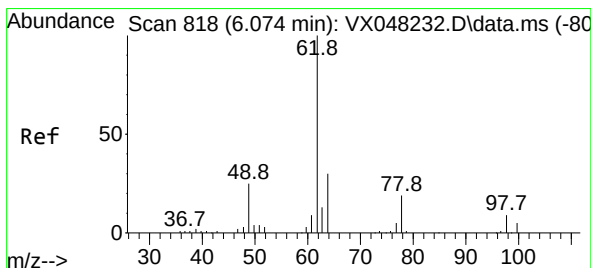
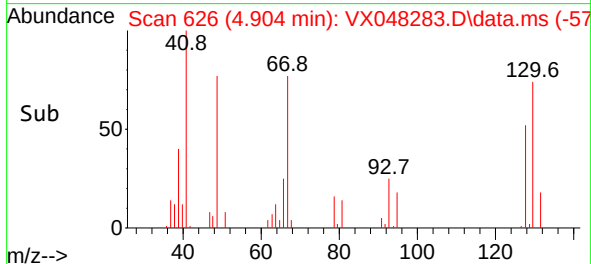
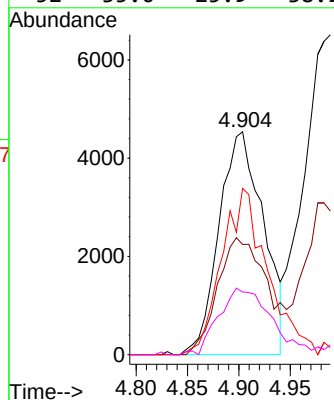
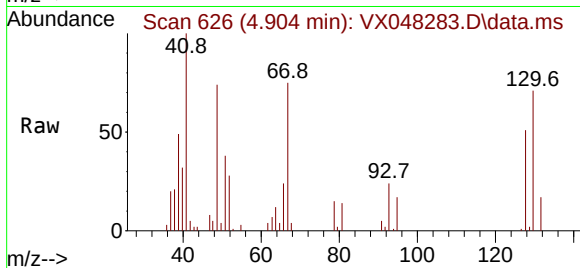


#41
Methacrylonitrile
Concen: 17.443 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

Tgt Ion: 41 Resp: 13641

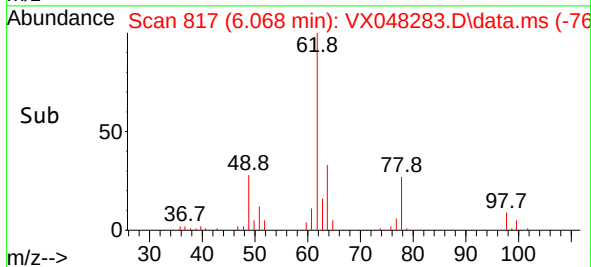
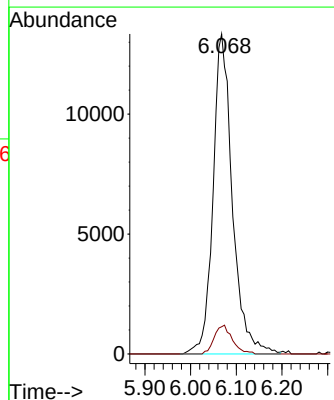
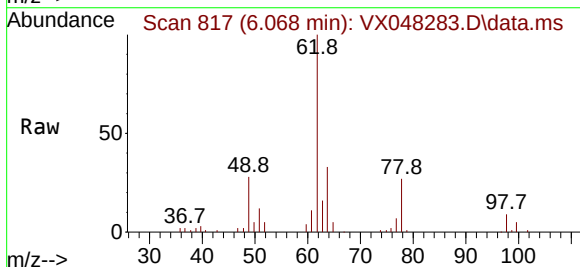
Ion	Ratio	Lower	Upper
41	100		
39	59.4	44.0	66.0
67	76.5	58.7	88.1
52	35.0	25.9	38.9

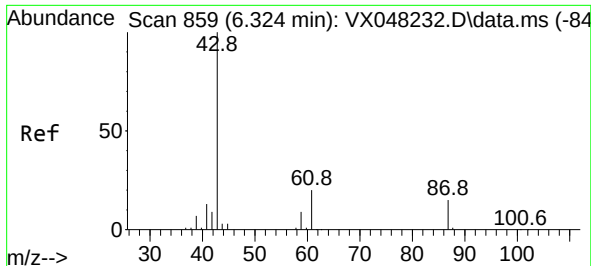


#42
1,2-Dichloroethane
Concen: 20.367 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 62 Resp: 39202

Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.2

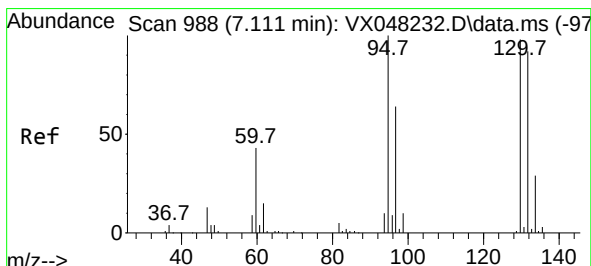
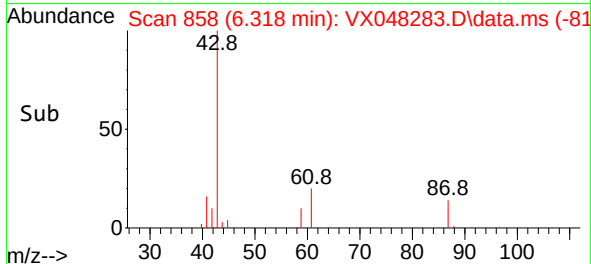
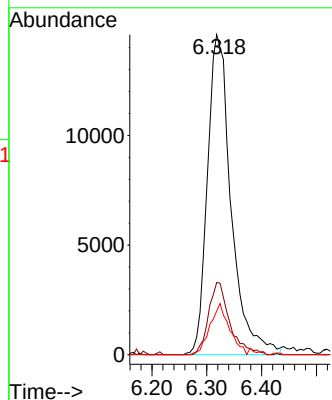
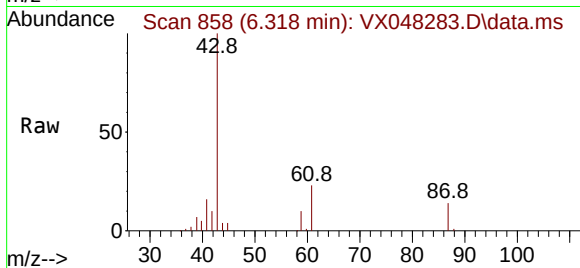




#43
Isopropyl Acetate
Concen: 17.936 ug/l
RT: 6.318 min Scan# 859
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

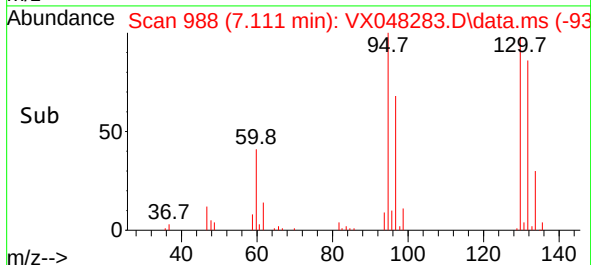
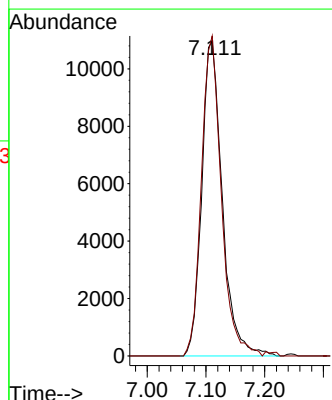
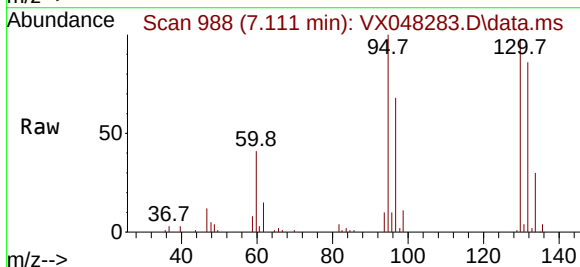
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

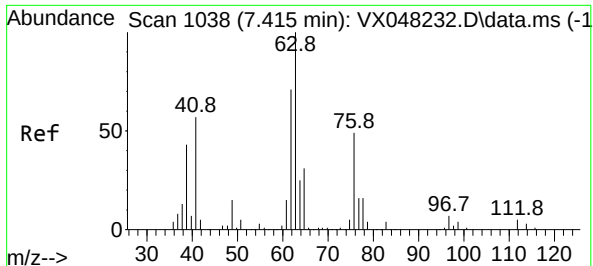
Tgt Ion: 43 Resp: 43873
Ion Ratio Lower Upper
43 100
61 20.1 14.9 22.3
87 13.1 9.4 14.2



#44
Trichloroethene
Concen: 19.325 ug/l
RT: 7.111 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:130 Resp: 26617
Ion Ratio Lower Upper
130 100
95 101.7 0.0 200.6





#45

1,2-Dichloropropane

Concen: 19.022 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

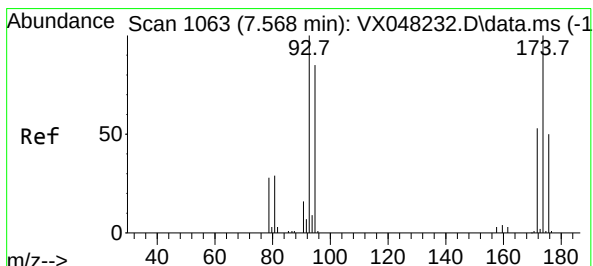
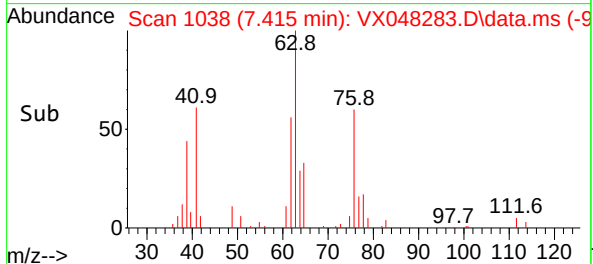
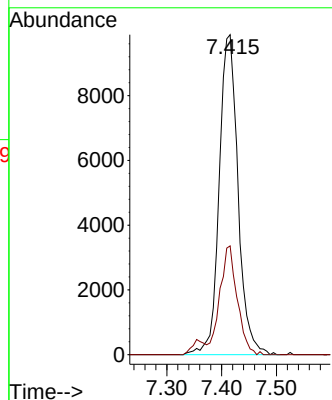
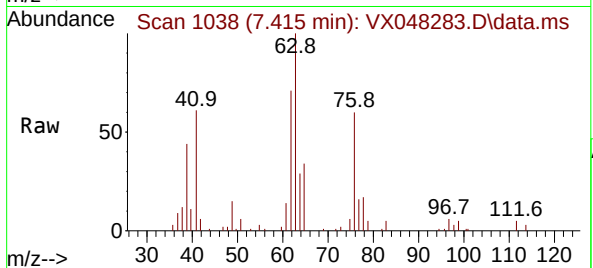
VX1022WBS01

Tgt Ion: 63 Resp: 23590

Ion Ratio Lower Upper

63 100

65 34.0 24.1 36.1



#46

Dibromomethane

Concen: 19.074 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

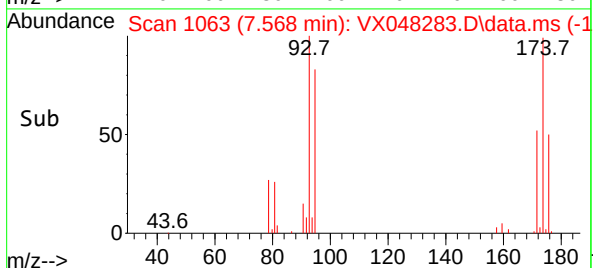
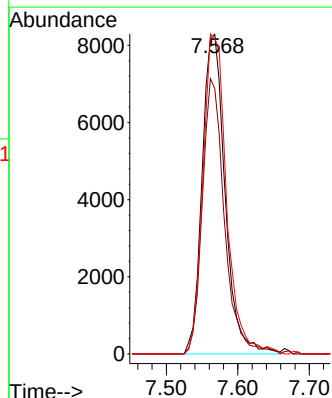
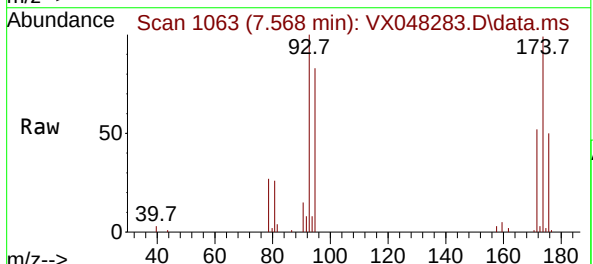
Tgt Ion: 93 Resp: 18429

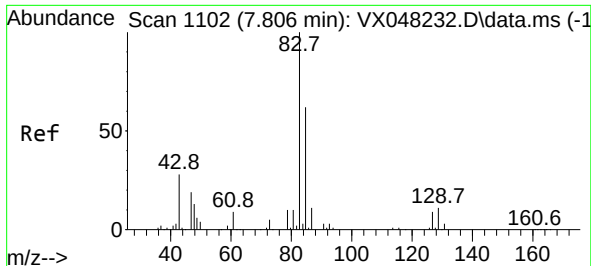
Ion Ratio Lower Upper

93 100

95 83.1 65.9 98.9

174 102.9 71.7 107.5

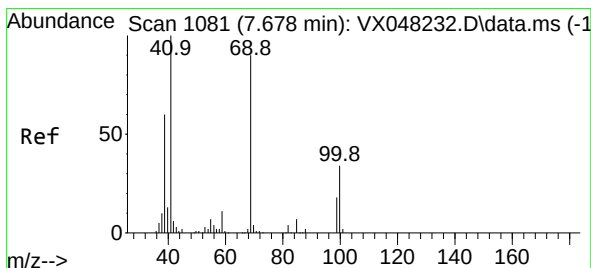
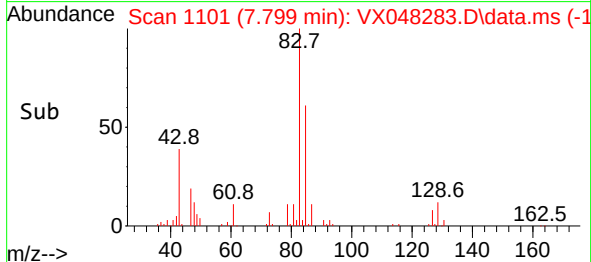
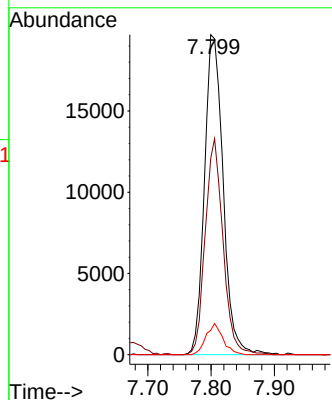
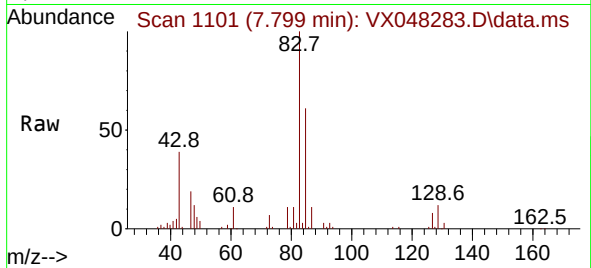




#47
 Bromodichloromethane
 Concen: 19.417 ug/l
 RT: 7.799 min Scan# 1102
 Delta R.T. -0.006 min
 Lab File: VX048283.D
 Acq: 22 Oct 2025 09:53

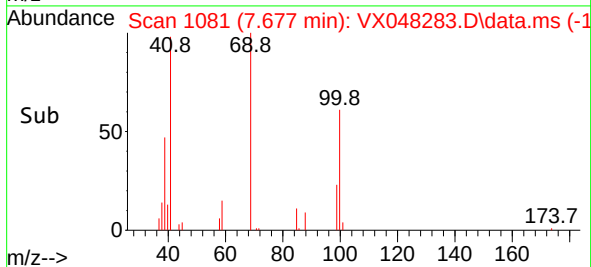
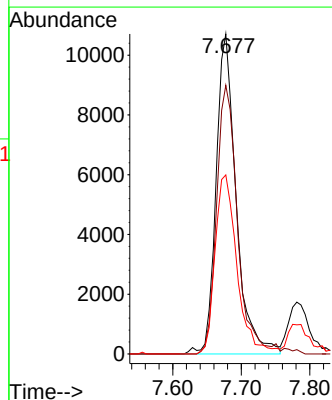
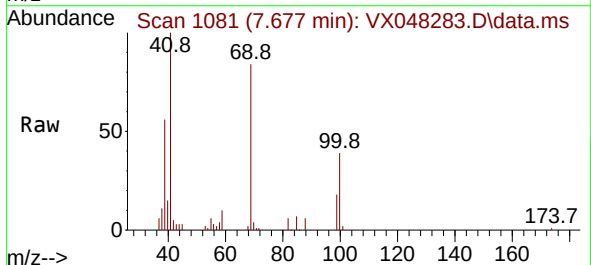
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBS01

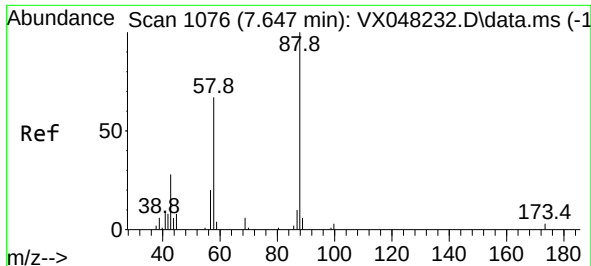
Tgt Ion: 83 Resp: 40507
 Ion Ratio Lower Upper
 83 100
 85 61.4 52.2 78.4
 127 8.4 7.3 10.9



#48
 Methyl methacrylate
 Concen: 17.627 ug/l
 RT: 7.677 min Scan# 1081
 Delta R.T. -0.000 min
 Lab File: VX048283.D
 Acq: 22 Oct 2025 09:53

Tgt Ion: 41 Resp: 21757
 Ion Ratio Lower Upper
 41 100
 69 88.1 63.4 95.0
 39 60.7 47.1 70.7





#49

1,4-Dioxane

Concen: 355.001 ug/l

RT: 7.641 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS01

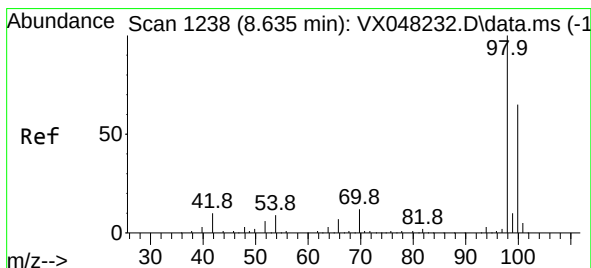
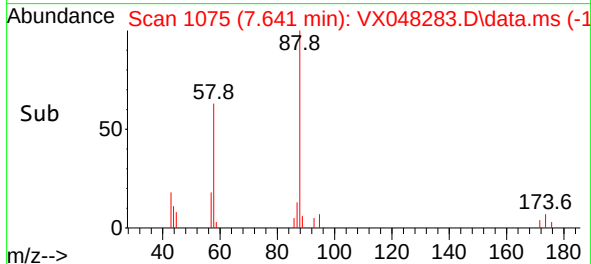
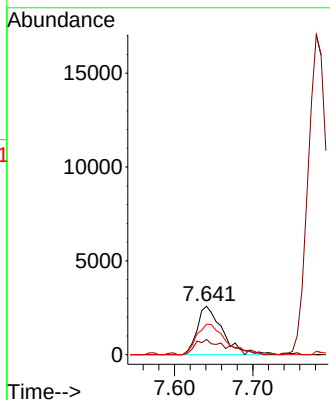
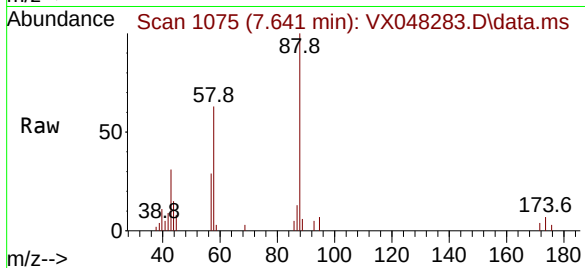
Tgt Ion: 88 Resp: 5789

Ion Ratio Lower Upper

88 100

43 36.7 35.0 52.4

58 71.1 61.9 92.9



#50

Toluene-d8

Concen: 50.743 ug/l

RT: 8.629 min Scan# 1237

Delta R.T. -0.006 min

Lab File: VX048283.D

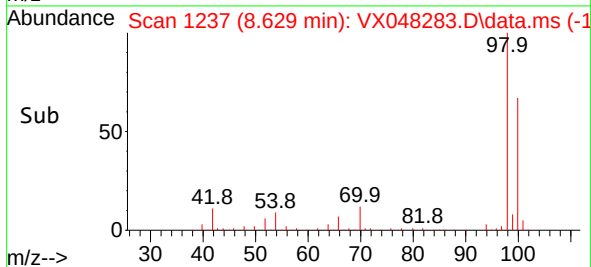
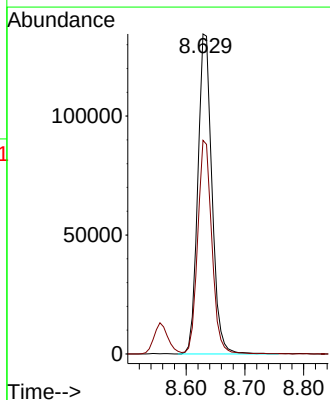
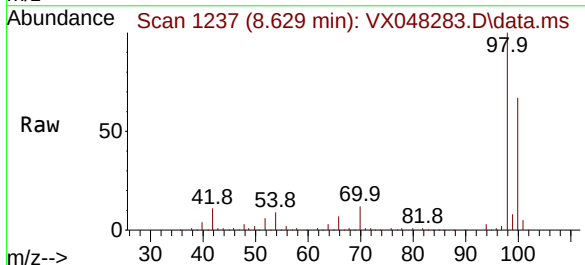
Acq: 22 Oct 2025 09:53

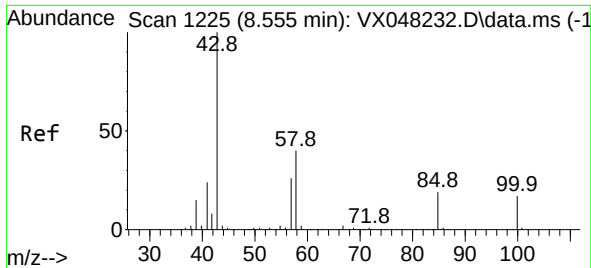
Tgt Ion: 98 Resp: 224820

Ion Ratio Lower Upper

98 100

100 67.1 53.0 79.4

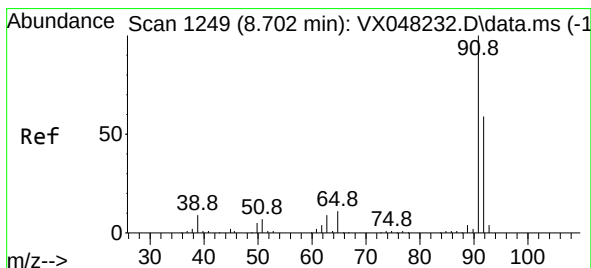
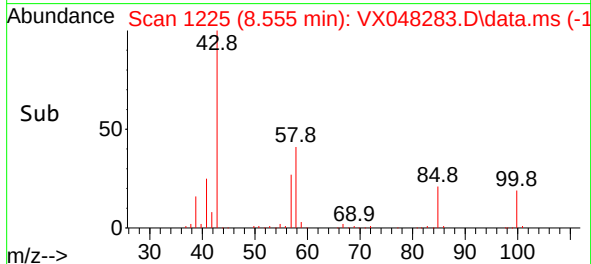
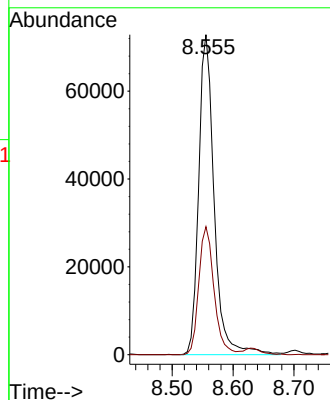
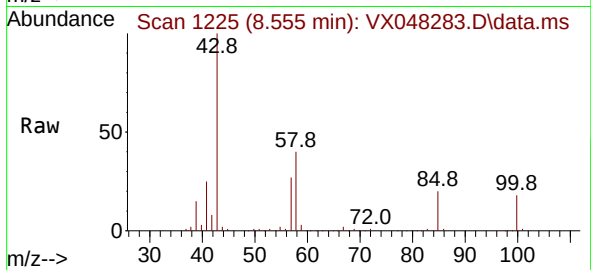




#51
4-Methyl-2-Pentanone
Concen: 91.119 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

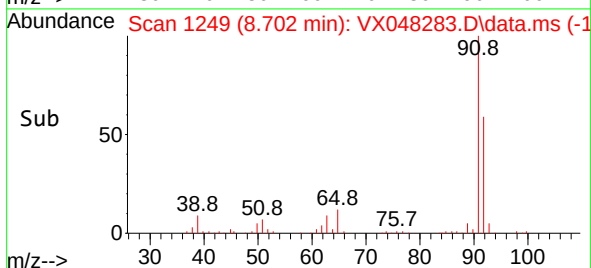
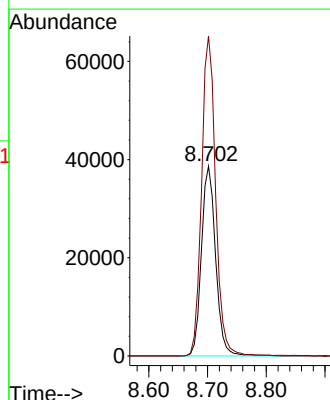
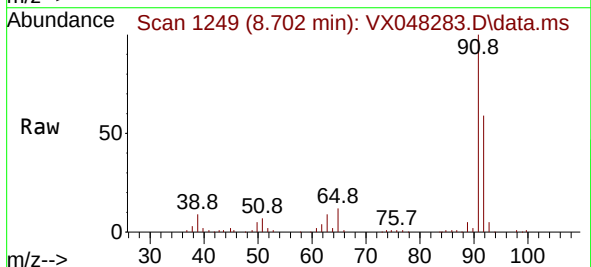
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

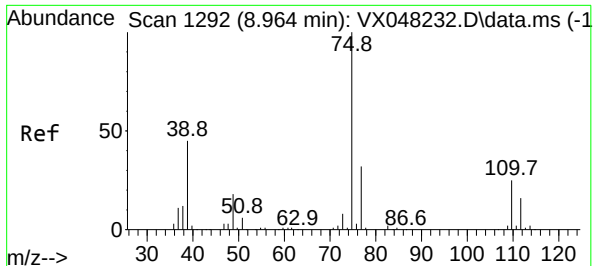
Tgt Ion: 43 Resp: 128509
Ion Ratio Lower Upper
43 100
58 39.4 29.5 44.3



#52
Toluene
Concen: 19.569 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 92 Resp: 64846
Ion Ratio Lower Upper
92 100
91 167.4 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 19.575 ug/l

RT: 8.964 min Scan# 1191

Delta R.T. -0.000 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

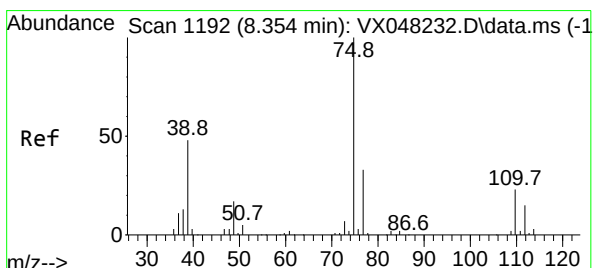
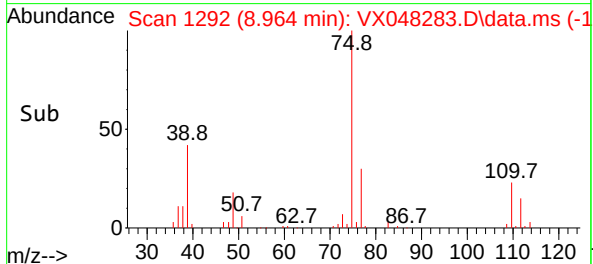
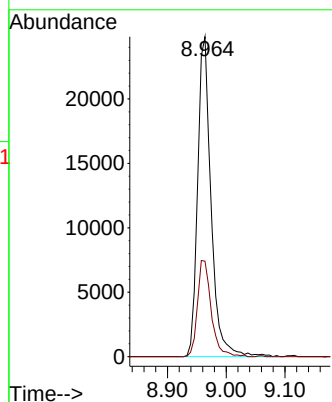
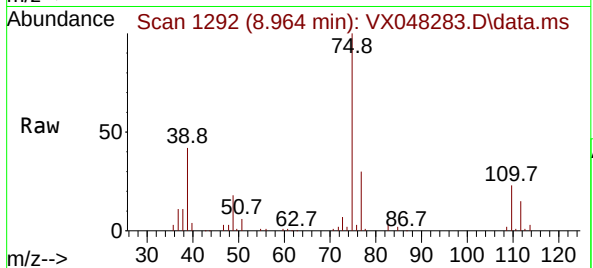
VX1022WBS01

Tgt Ion: 75 Resp: 39352

Ion Ratio Lower Upper

75 100

77 29.8 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 19.183 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. -0.000 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

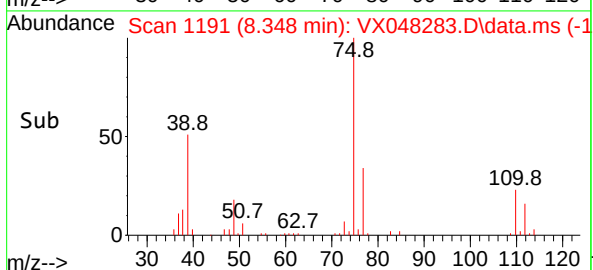
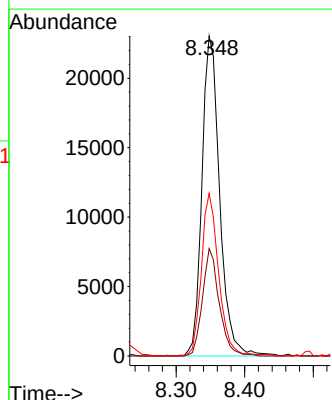
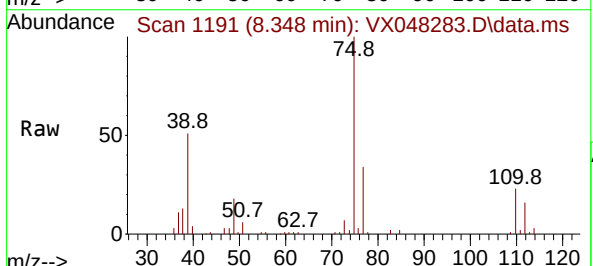
Tgt Ion: 75 Resp: 41608

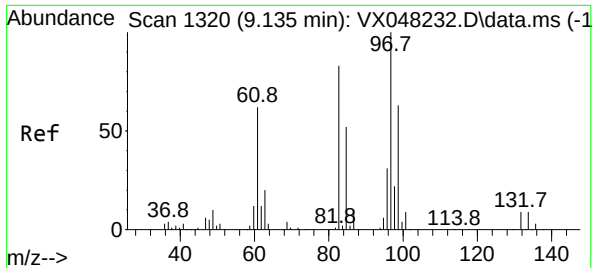
Ion Ratio Lower Upper

75 100

77 33.5 24.9 37.3

39 49.1 42.6 64.0

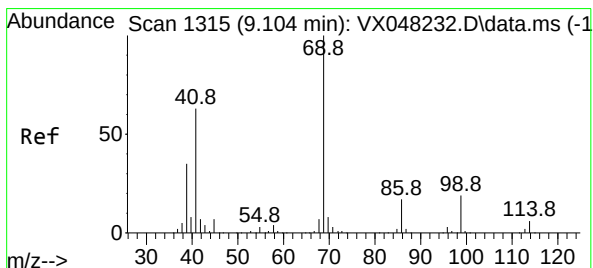
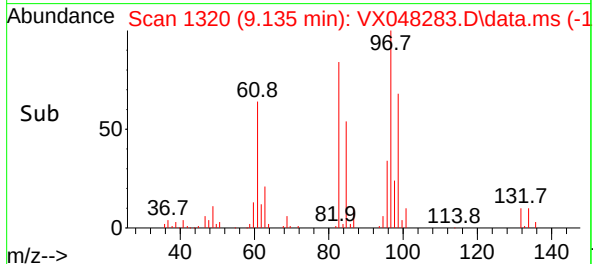
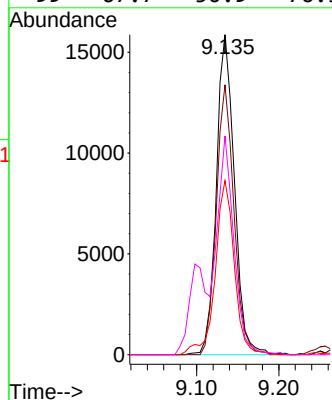
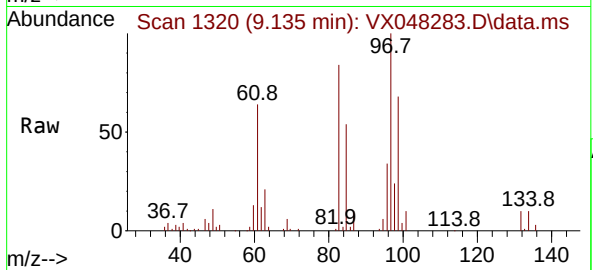




#55
1,1,2-Trichloroethane
Concen: 19.667 ug/l
RT: 9.135 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

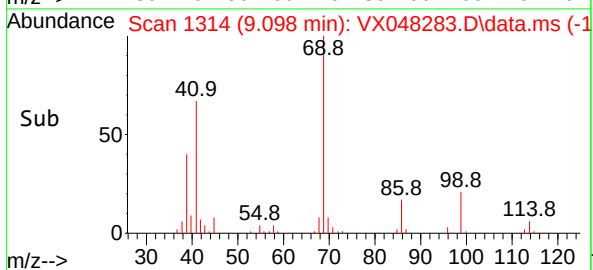
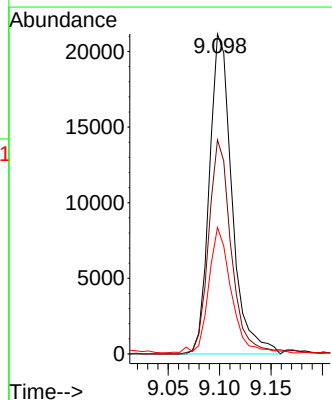
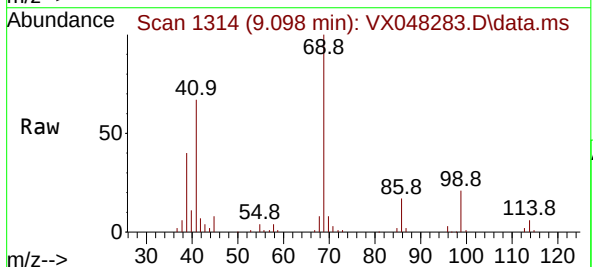
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

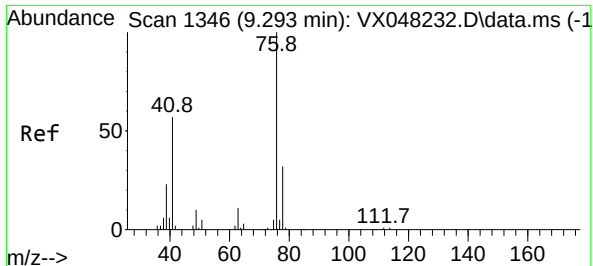
Tgt Ion:	97	Resp:	24236
Ion	Ratio	Lower	Upper
97	100		
83	84.3	70.6	105.8
85	54.4	45.0	67.6
99	67.7	50.9	76.3



#56
Ethyl methacrylate
Concen: 17.941 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:	69	Resp:	32337
Ion	Ratio	Lower	Upper
69	100		
41	68.0	56.0	84.0
39	39.3	31.6	47.4





#57

1,3-Dichloropropane

Concen: 19.378 ug/l

RT: 9.293 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

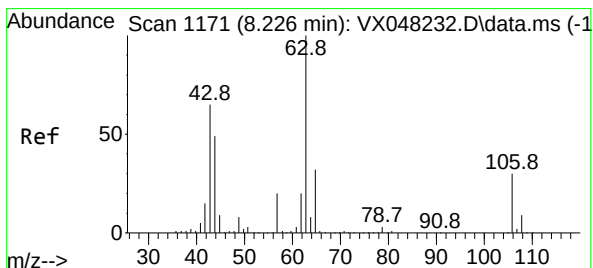
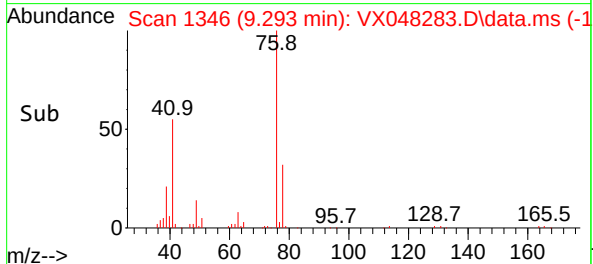
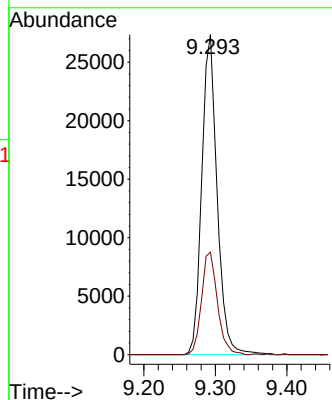
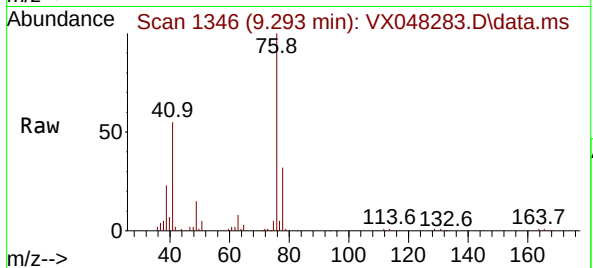
VX1022WBS01

Tgt Ion: 76 Resp: 40790

Ion Ratio Lower Upper

76 100

78 33.1 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 86.039 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX048283.D

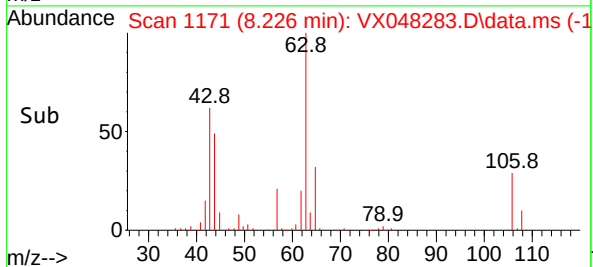
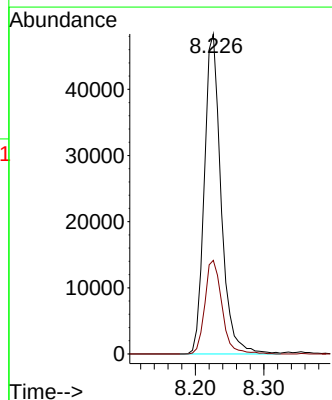
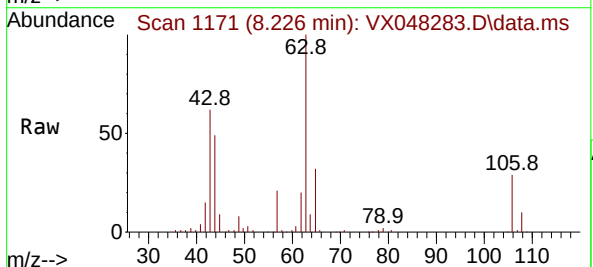
Acq: 22 Oct 2025 09:53

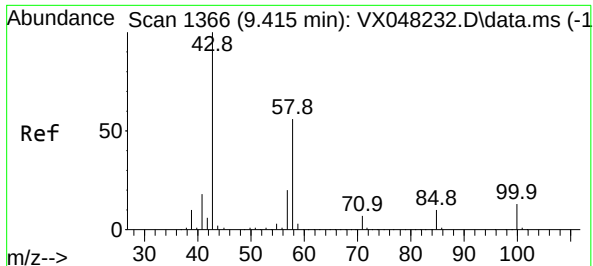
Tgt Ion: 63 Resp: 82301

Ion Ratio Lower Upper

63 100

106 29.9 22.2 33.2

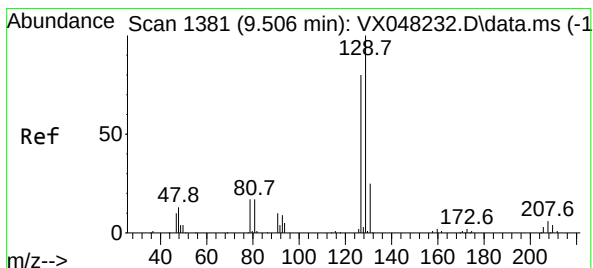
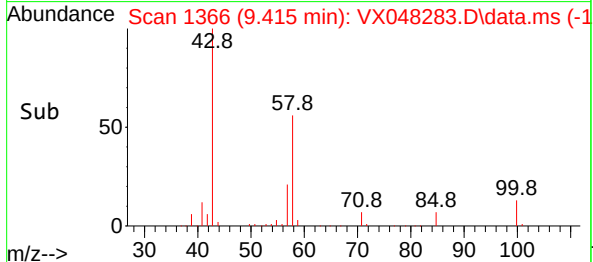
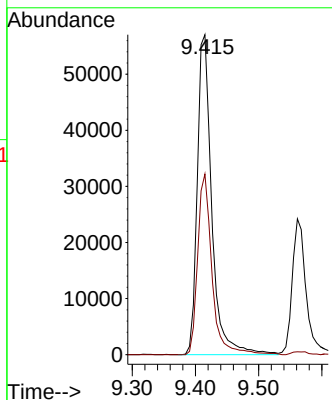
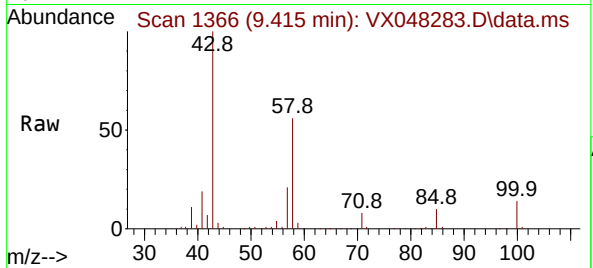




#59
2-Hexanone
Concen: 92.750 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

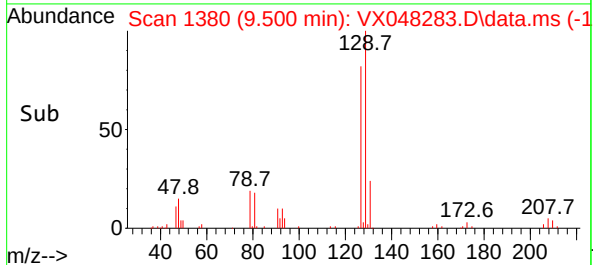
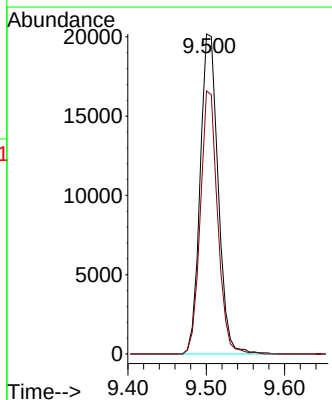
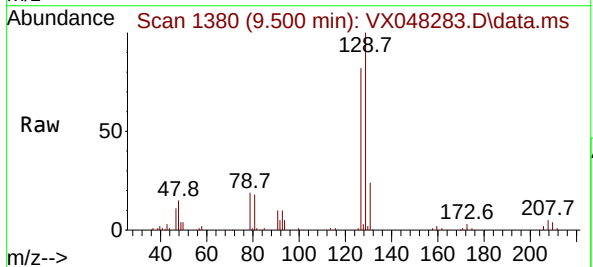
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

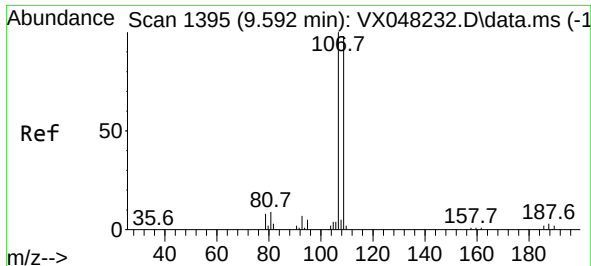
Tgt Ion: 43 Resp: 91212
Ion Ratio Lower Upper
43 100
58 55.8 26.3 78.8



#60
Dibromochloromethane
Concen: 19.391 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:129 Resp: 32118
Ion Ratio Lower Upper
129 100
127 78.9 38.6 115.7

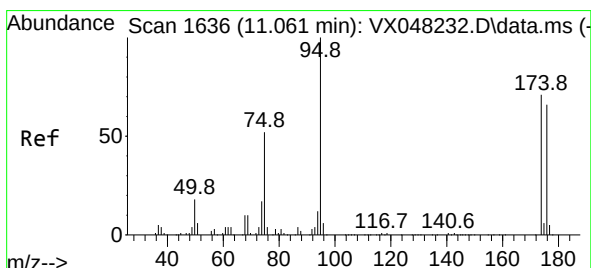
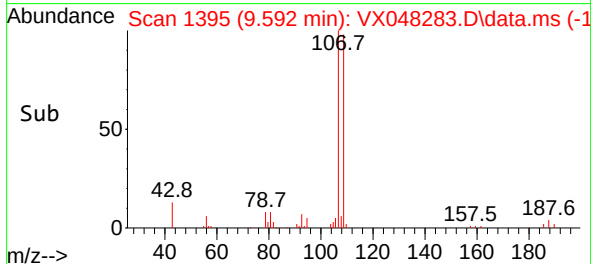
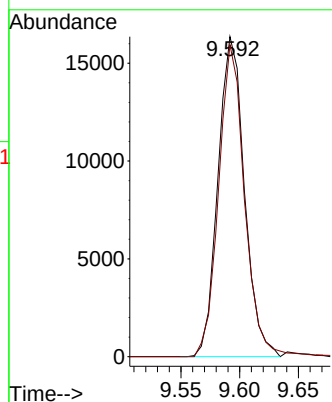
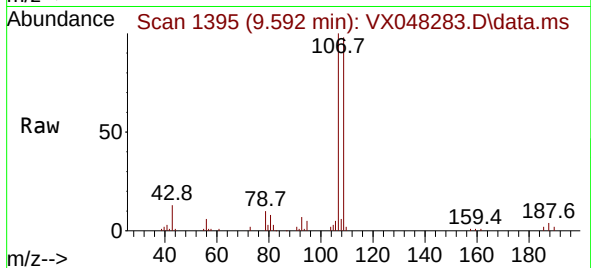




#61
1,2-Dibromoethane
Concen: 19.461 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

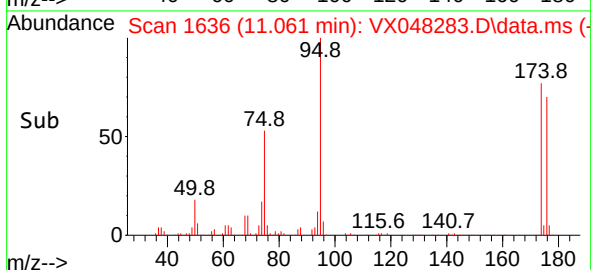
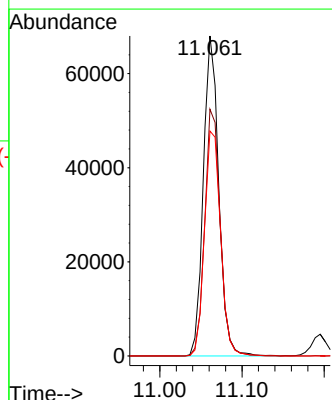
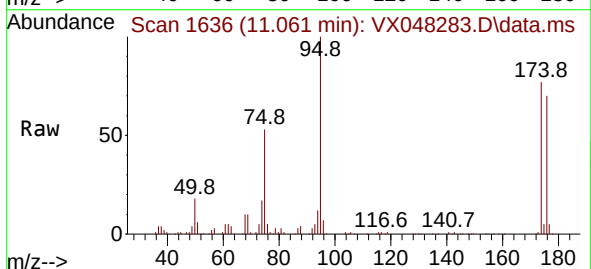
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

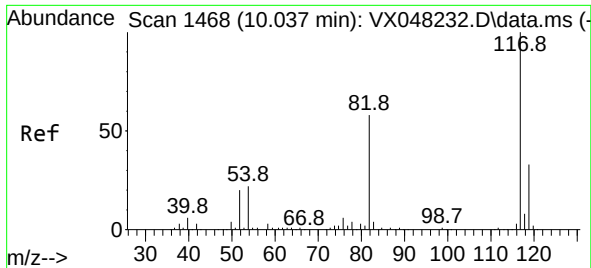
Tgt Ion:107 Resp: 25567
Ion Ratio Lower Upper
107 100
109 96.1 77.0 115.4



#62
4-Bromofluorobenzene
Concen: 52.404 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 95 Resp: 88327
Ion Ratio Lower Upper
95 100
174 78.0 0.0 147.8
176 73.9 0.0 142.8

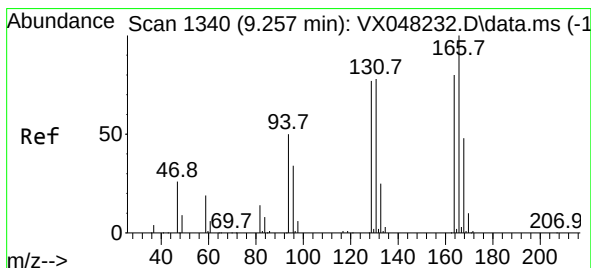
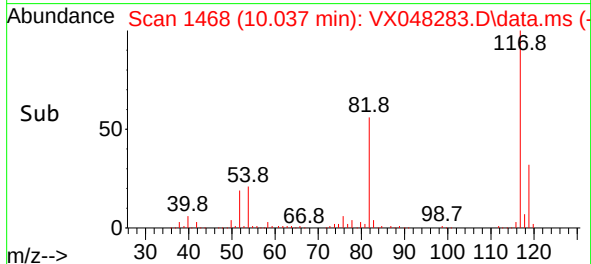
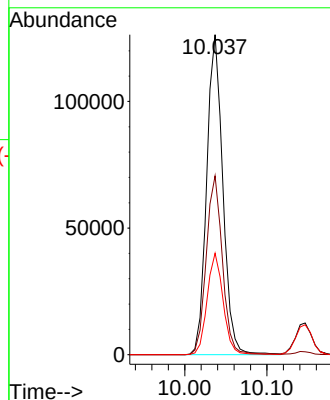
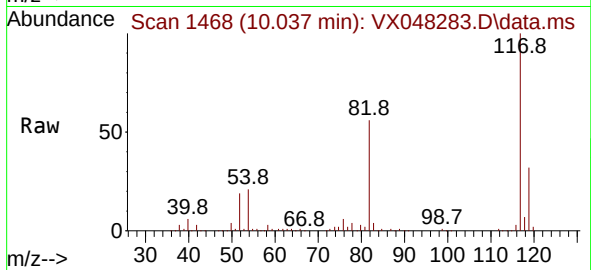




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

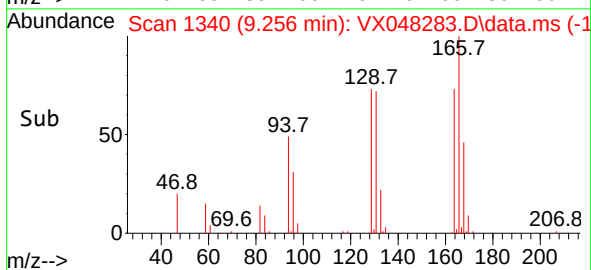
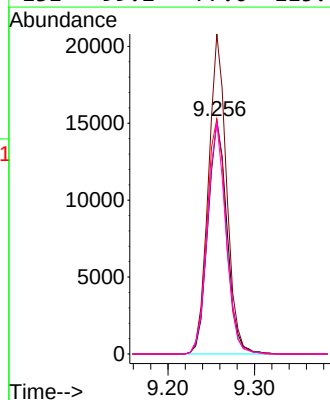
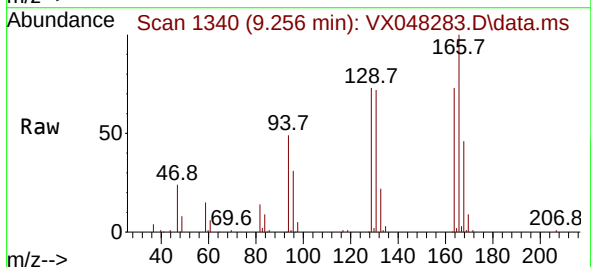
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

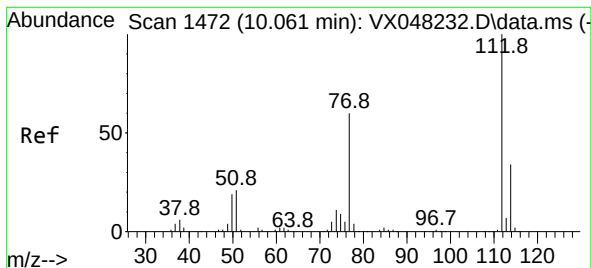
Tgt Ion:117 Resp: 172449
Ion Ratio Lower Upper
117 100
82 55.9 46.5 69.7
119 31.7 25.9 38.9



#64
Tetrachloroethene
Concen: 17.948 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:164 Resp: 23106
Ion Ratio Lower Upper
164 100
166 137.4 104.5 156.7
129 100.9 81.8 122.6
131 99.2 77.0 115.6

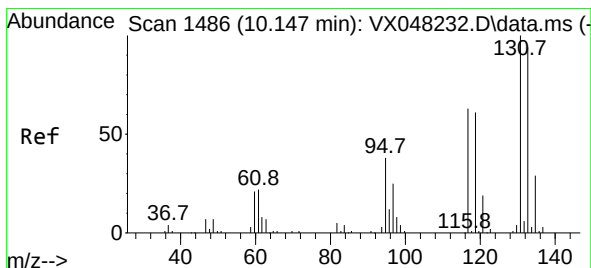
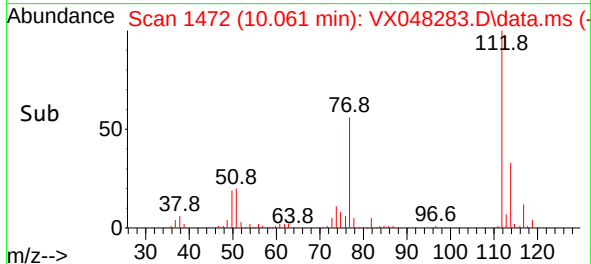
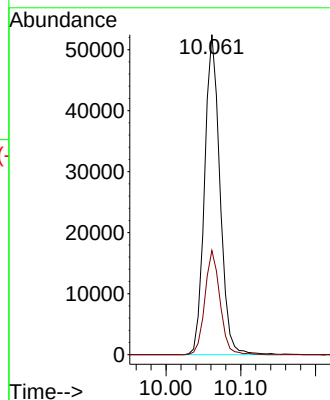
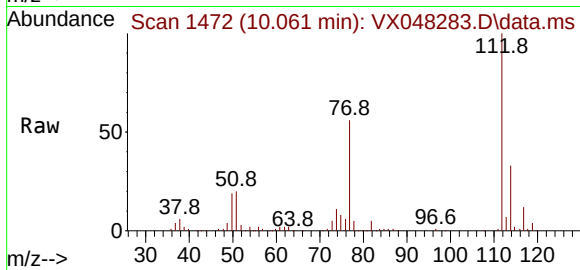




#65
Chlorobenzene
Concen: 19.299 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

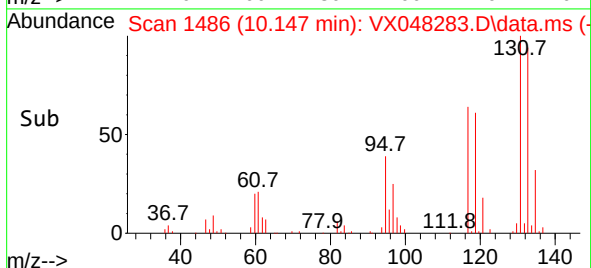
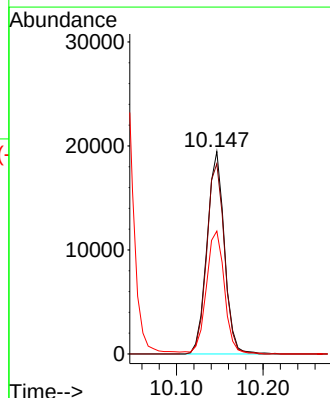
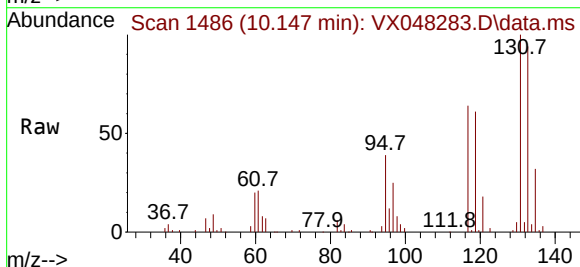
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

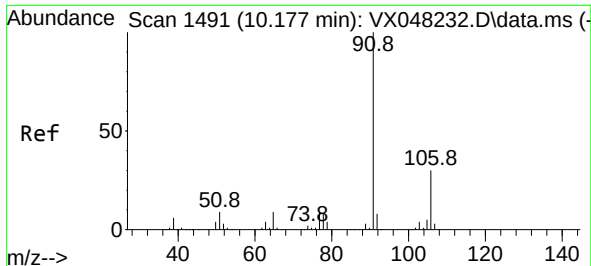
Tgt Ion:112 Resp: 74866
Ion Ratio Lower Upper
112 100
114 32.5 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.105 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:131 Resp: 27221
Ion Ratio Lower Upper
131 100
133 95.5 47.6 142.8
119 63.3 32.5 97.5





#67

Ethyl Benzene

Concen: 18.730 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

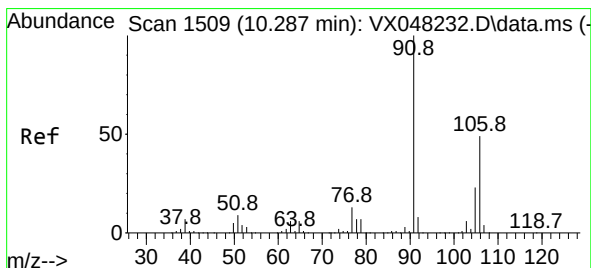
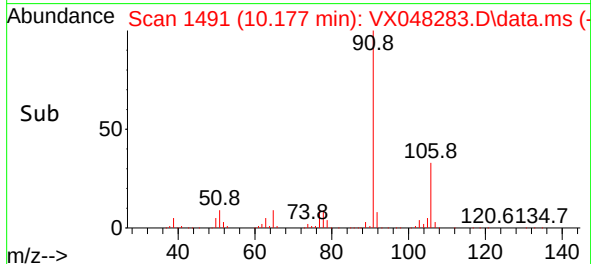
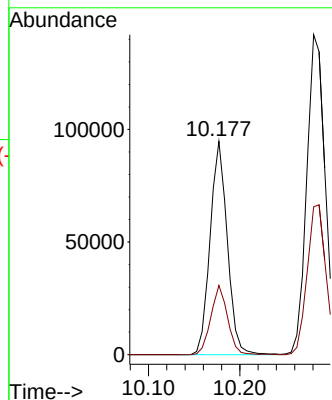
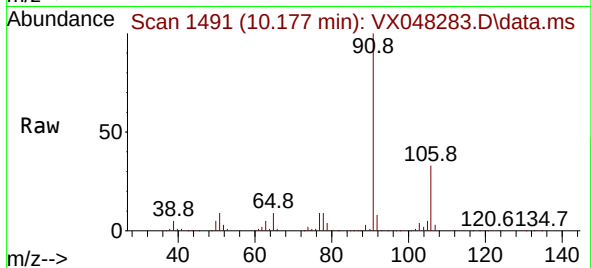
VX1022WBS01

Tgt Ion: 91 Resp: 123704

Ion Ratio Lower Upper

91 100

106 32.5 23.8 35.6



#68

m/p-Xylenes

Concen: 39.196 ug/l

RT: 10.287 min Scan# 1509

Delta R.T. -0.000 min

Lab File: VX048283.D

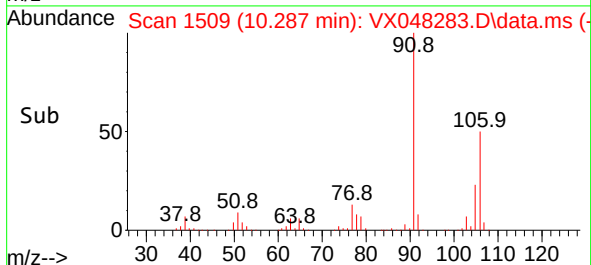
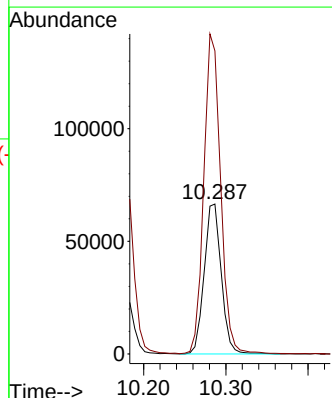
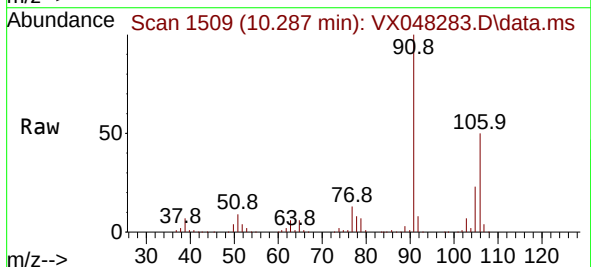
Acq: 22 Oct 2025 09:53

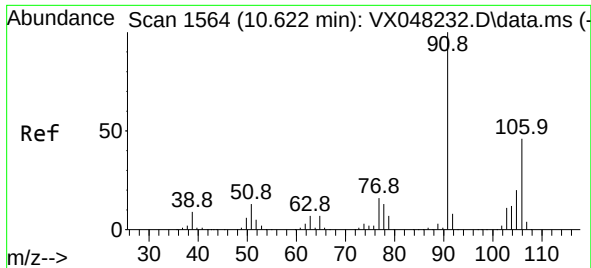
Tgt Ion: 106 Resp: 96187

Ion Ratio Lower Upper

106 100

91 210.8 167.9 251.9

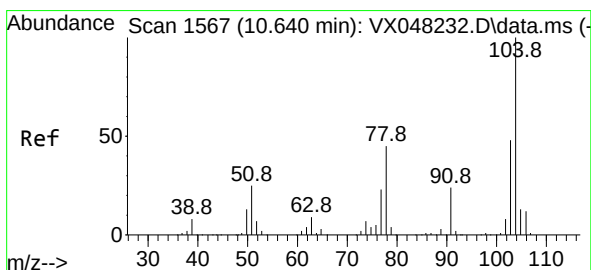
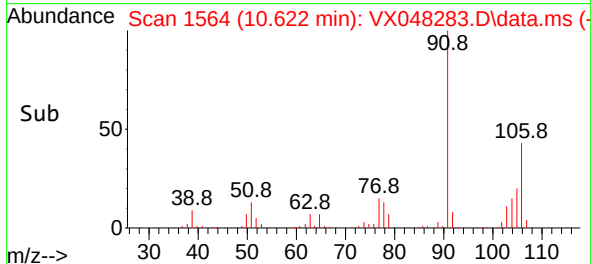
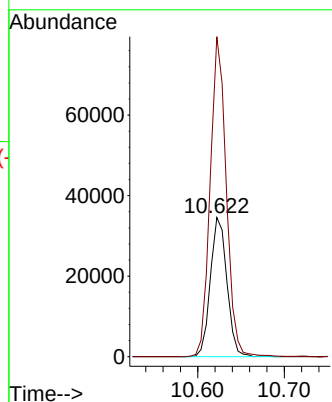
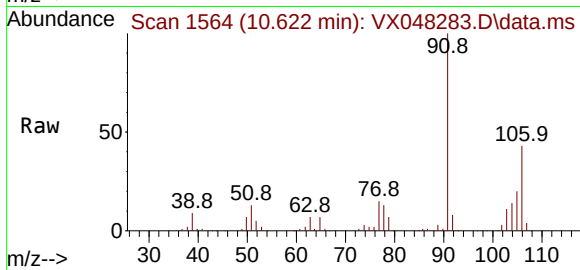




#69
o-Xylene
Concen: 19.380 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

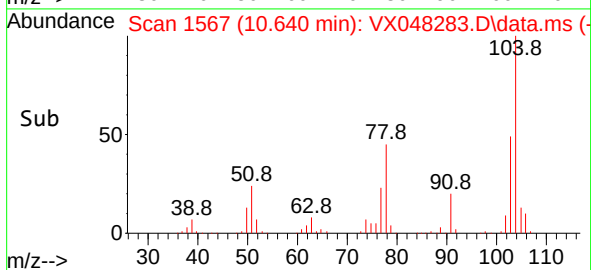
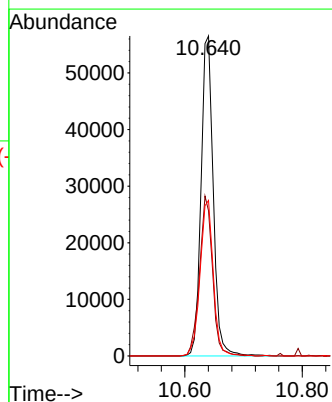
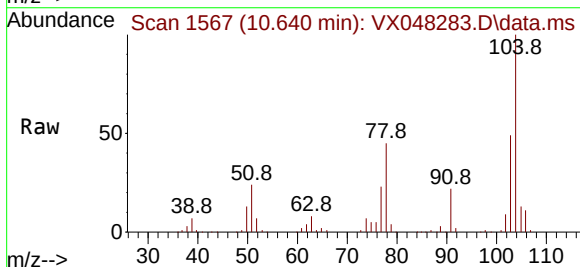
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

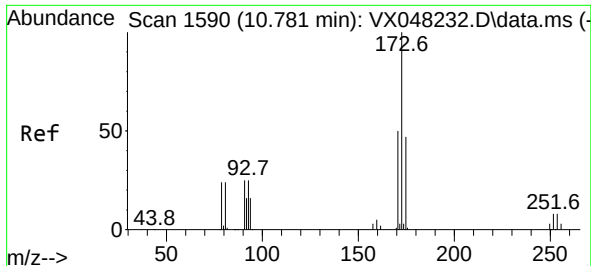
Tgt Ion:106 Resp: 45915
Ion Ratio Lower Upper
106 100
91 223.3 111.3 333.9



#70
Styrene
Concen: 20.178 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:104 Resp: 81400
Ion Ratio Lower Upper
104 100
78 53.2 42.2 63.4
103 52.8 43.0 64.4

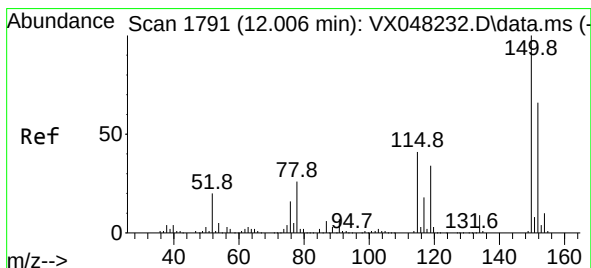
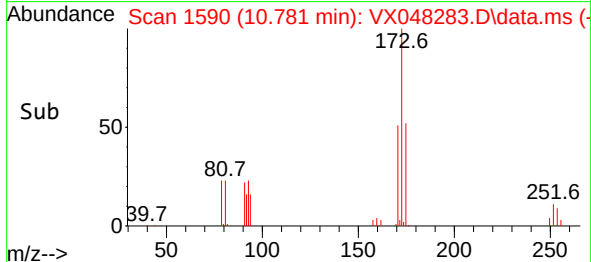
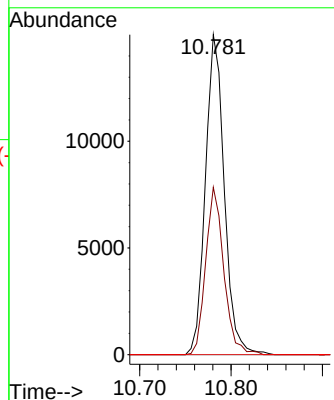
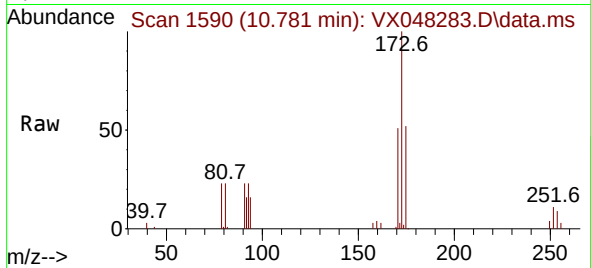




#71
Bromoform
Concen: 18.867 ug/l
RT: 10.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

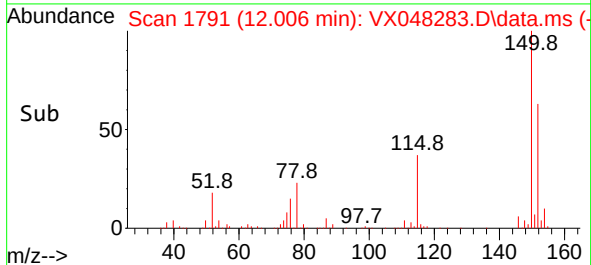
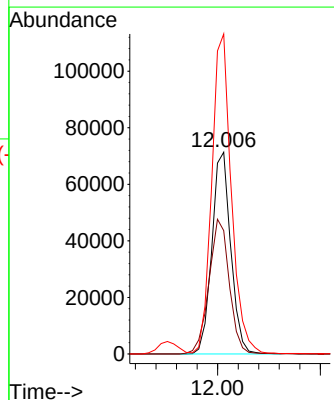
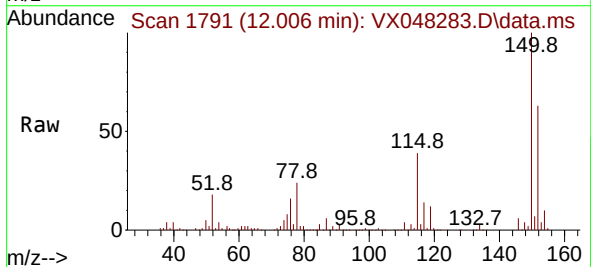
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

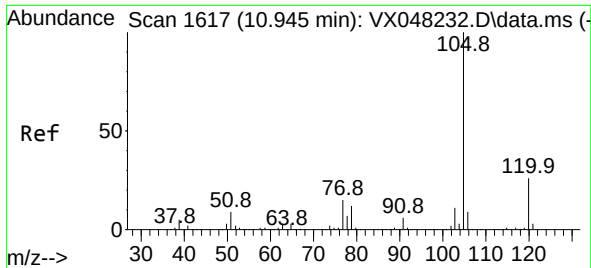
Tgt Ion:173 Resp: 21486
Ion Ratio Lower Upper
173 100
175 50.3 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:152 Resp: 91086
Ion Ratio Lower Upper
152 100
115 71.9 43.1 129.4
150 164.1 0.0 353.0

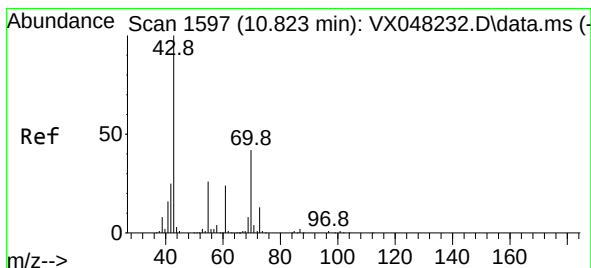
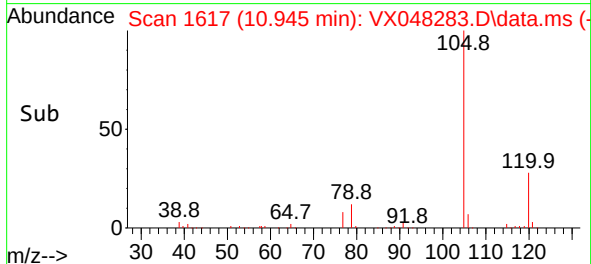
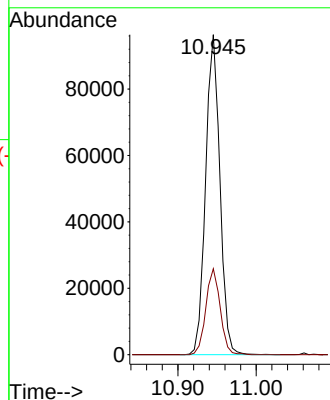
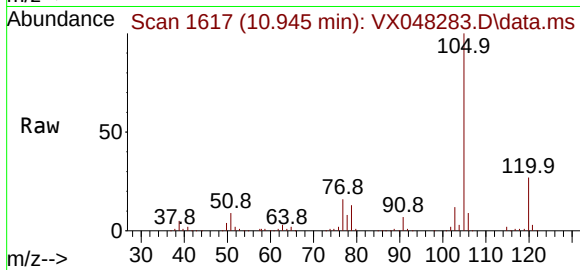




#73
Isopropylbenzene
Concen: 18.261 ug/l
RT: 10.945 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

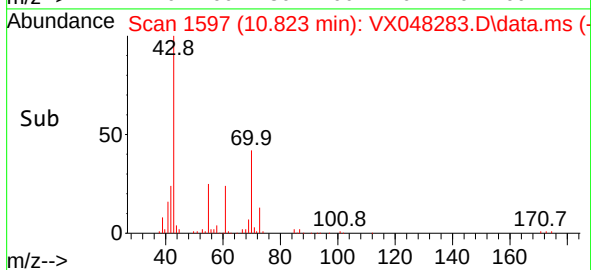
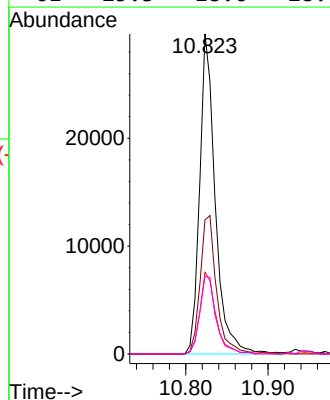
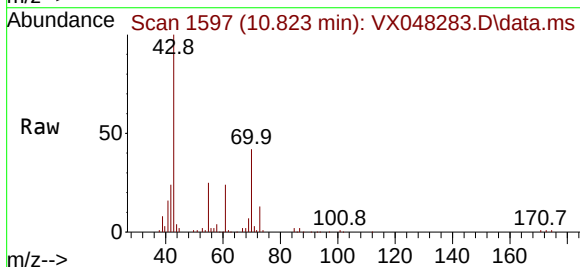
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

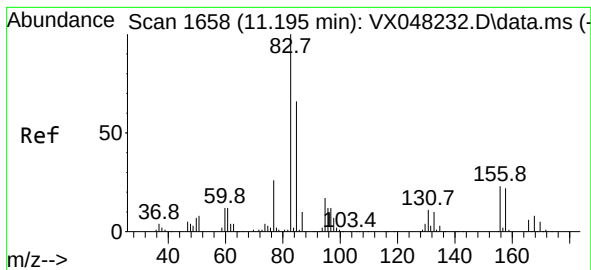
Tgt Ion:105 Resp: 121492
Ion Ratio Lower Upper
105 100
120 27.0 13.0 38.9



#74
N-ethyl acetate
Concen: 16.651 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 43 Resp: 39294
Ion Ratio Lower Upper
43 100
70 45.7 32.2 48.2
55 26.0 19.1 28.7
61 25.3 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.132 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048283.D

Acq: 22 Oct 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS01

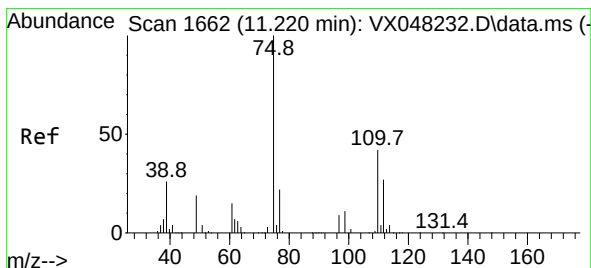
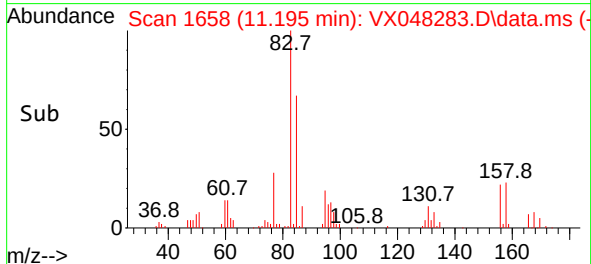
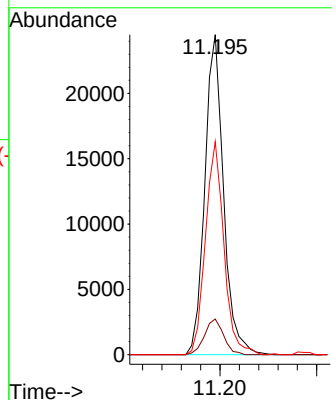
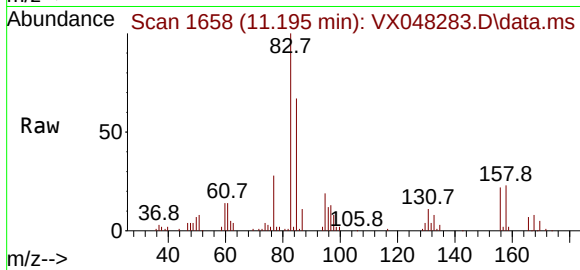
Tgt Ion: 83 Resp: 32943

Ion Ratio Lower Upper

83 100

131 11.4 4.8 14.4

85 65.8 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 23.610 ug/l

RT: 11.220 min Scan# 1662

Delta R.T. -0.000 min

Lab File: VX048283.D

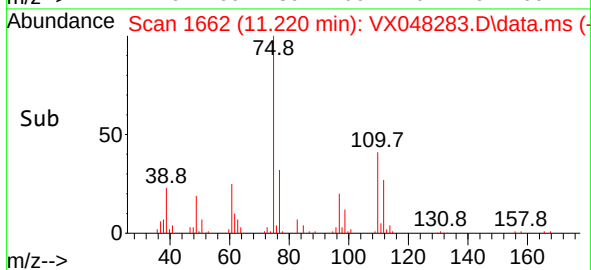
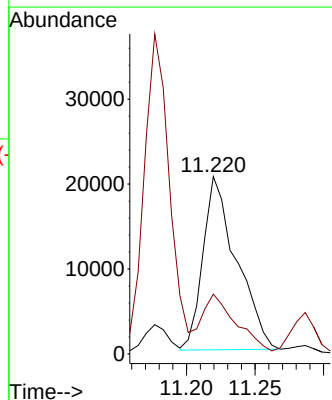
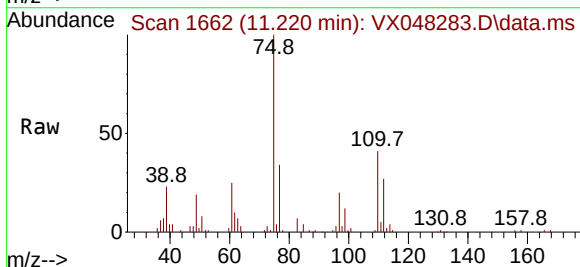
Acq: 22 Oct 2025 09:53

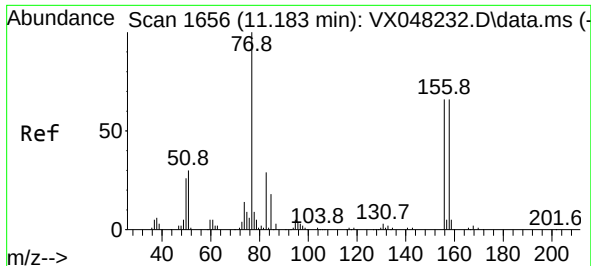
Tgt Ion: 75 Resp: 34874

Ion Ratio Lower Upper

75 100

77 33.4 22.4 67.2

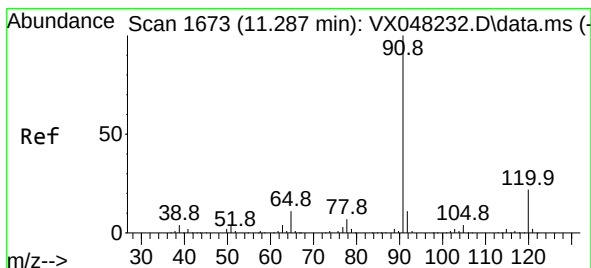
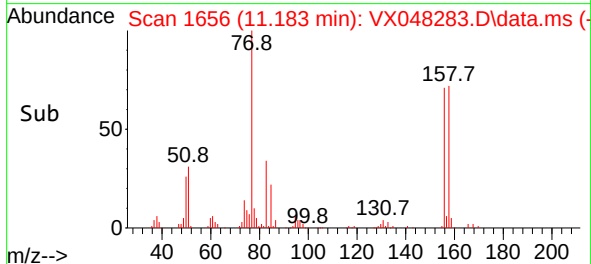
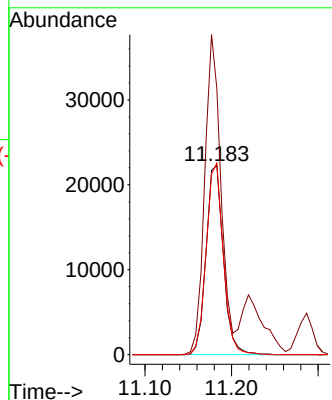
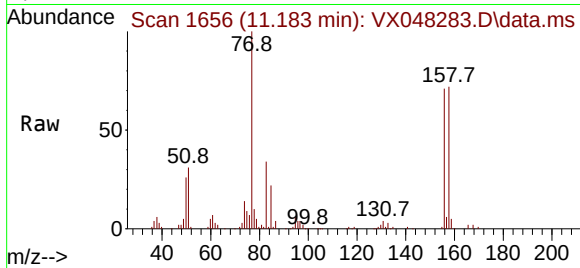




#77
Bromobenzene
Concen: 18.526 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. 0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

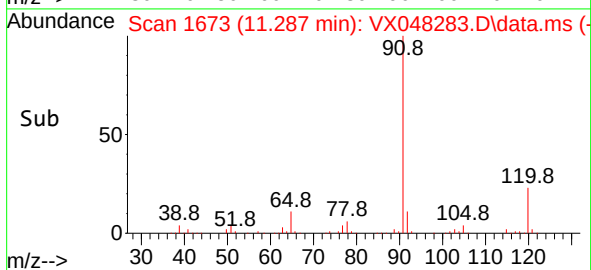
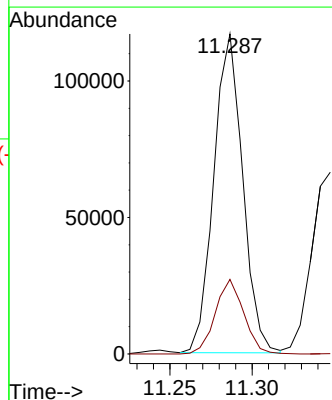
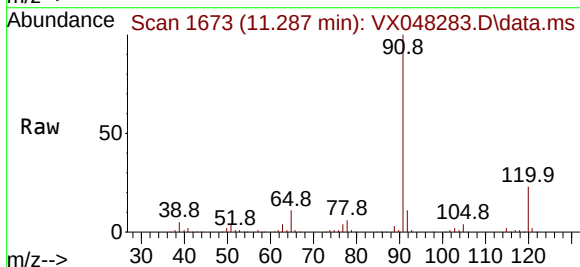
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

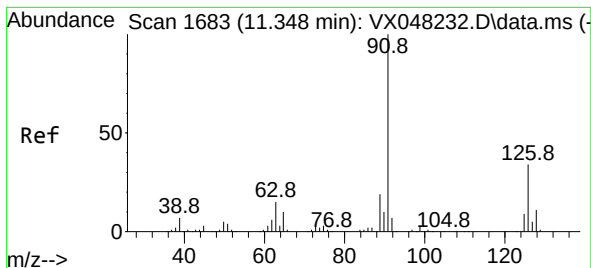
Tgt Ion:156 Resp: 30904
Ion Ratio Lower Upper
156 100
77 157.4 87.0 261.0
158 100.1 47.8 143.4



#78
n-propylbenzene
Concen: 18.506 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 91 Resp: 142548
Ion Ratio Lower Upper
91 100
120 23.0 11.1 33.1

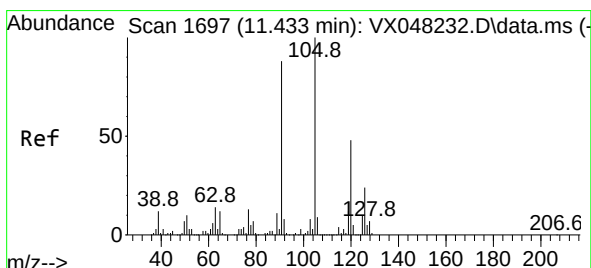
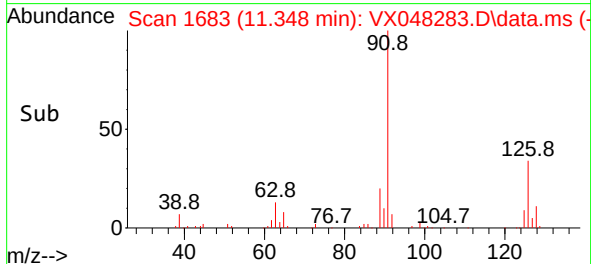
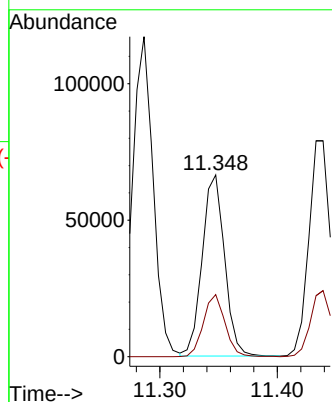
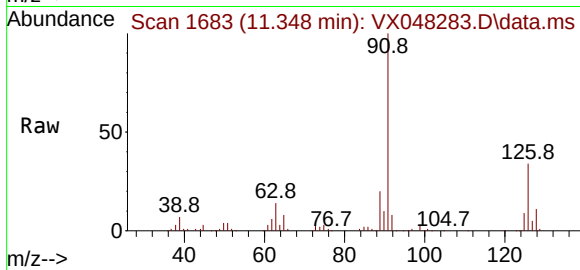




#79
2-Chlorotoluene
Concen: 18.783 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

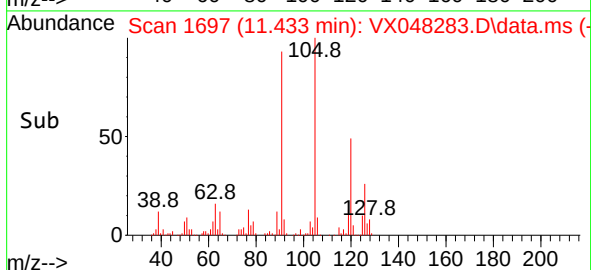
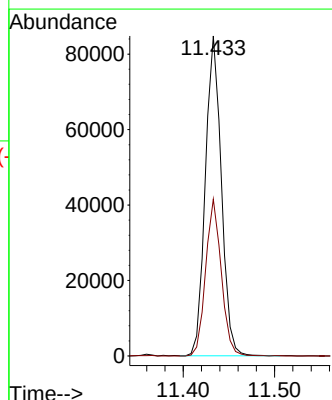
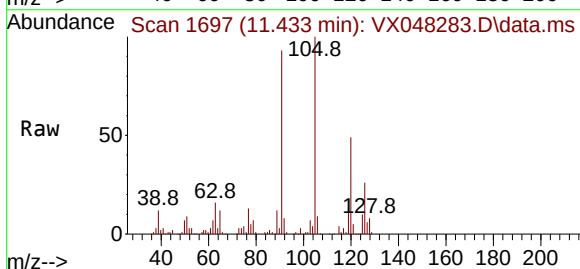
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

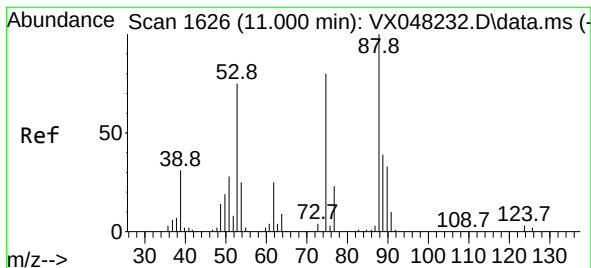
Tgt Ion: 91 Resp: 87720
Ion Ratio Lower Upper
91 100
126 33.2 16.4 49.4



#80
1,3,5-Trimethylbenzene
Concen: 18.620 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 105 Resp: 102516
Ion Ratio Lower Upper
105 100
120 48.0 24.0 72.0

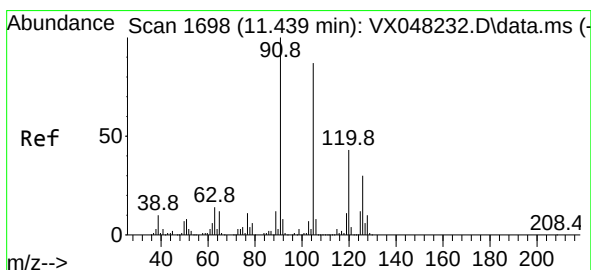
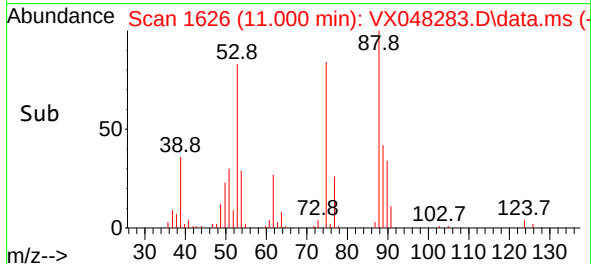
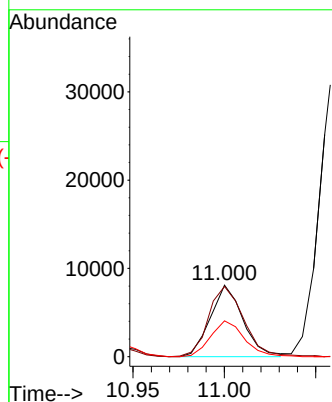
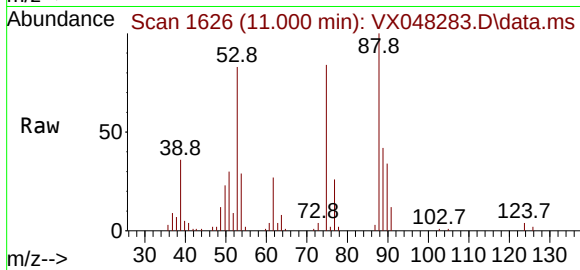




#81
trans-1,4-Dichloro-2-butene
Concen: 16.545 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

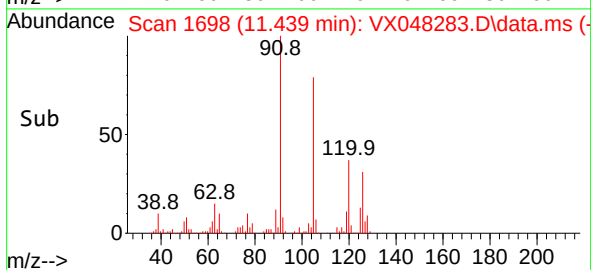
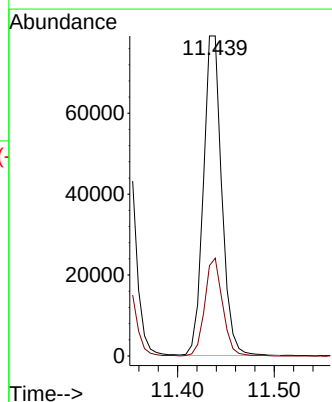
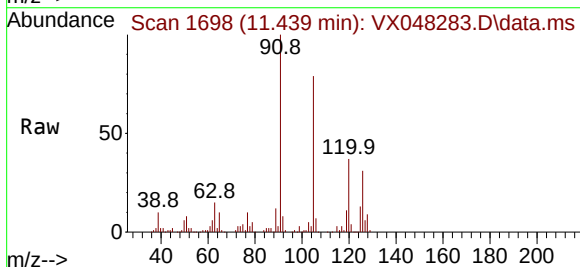
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

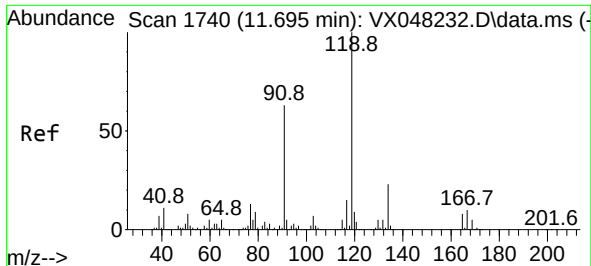
Tgt Ion: 75 Resp: 10045
Ion Ratio Lower Upper
75 100
53 106.6 79.5 119.3
89 51.7 36.8 55.2



#82
4-Chlorotoluene
Concen: 18.810 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 91 Resp: 104284
Ion Ratio Lower Upper
91 100
126 29.9 14.1 42.4

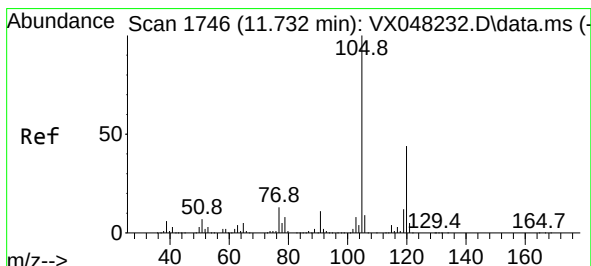
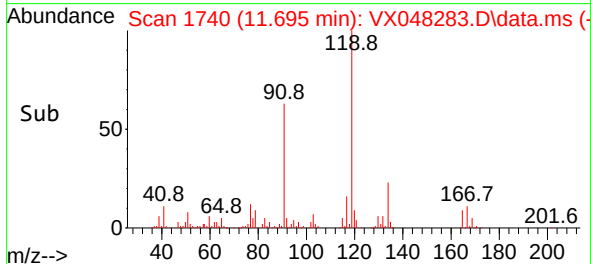
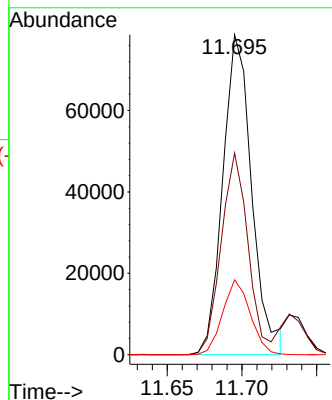
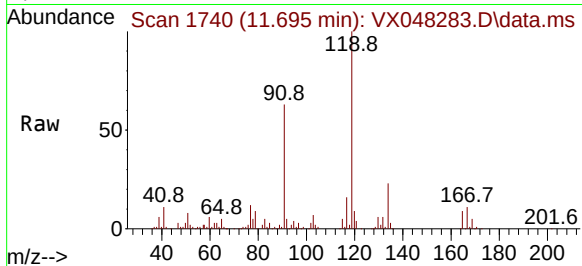




#83
tert-Butylbenzene
Concen: 18.713 ug/l
RT: 11.695 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

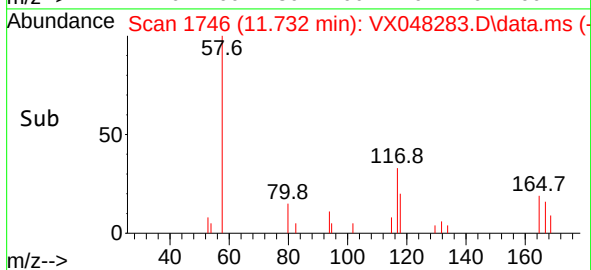
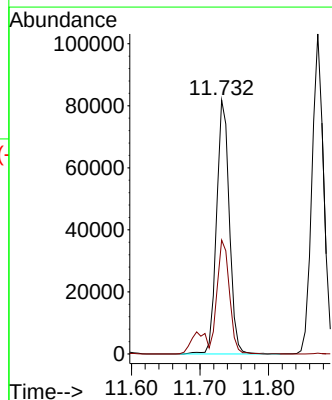
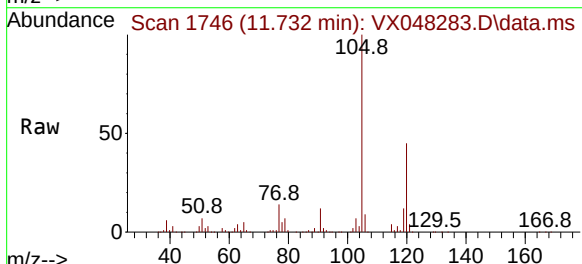
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

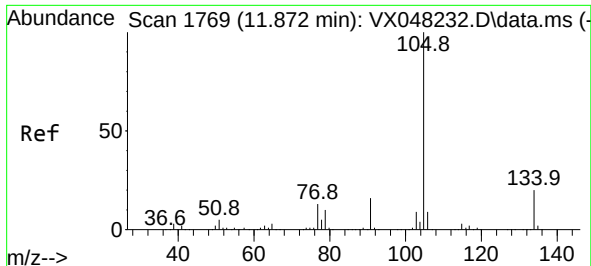
Tgt Ion:119 Resp: 105858
Ion Ratio Lower Upper
119 100
91 58.7 30.3 91.0
134 22.3 11.4 34.2



#84
1,2,4-Trimethylbenzene
Concen: 19.137 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:105 Resp: 105149
Ion Ratio Lower Upper
105 100
120 43.6 22.1 66.5

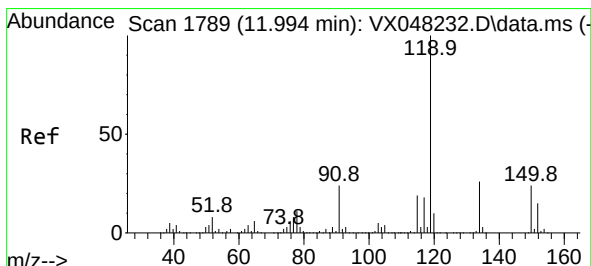
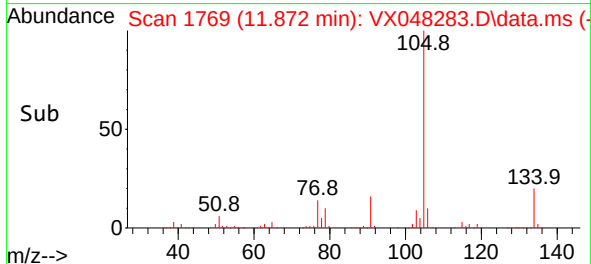
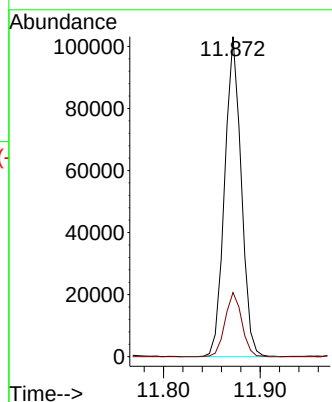
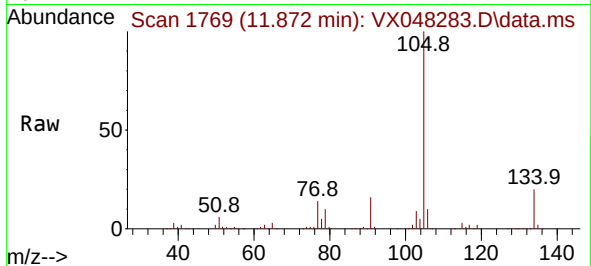




#85
 sec-Butylbenzene
 Concen: 18.025 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048283.D
 Acq: 22 Oct 2025 09:53

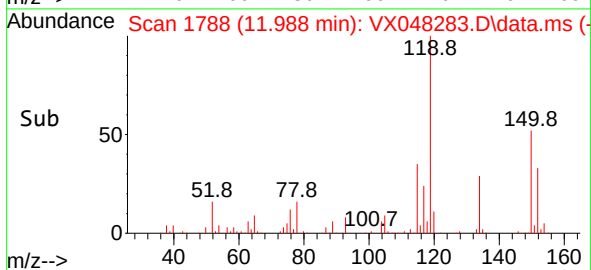
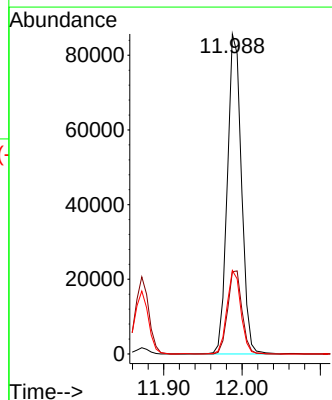
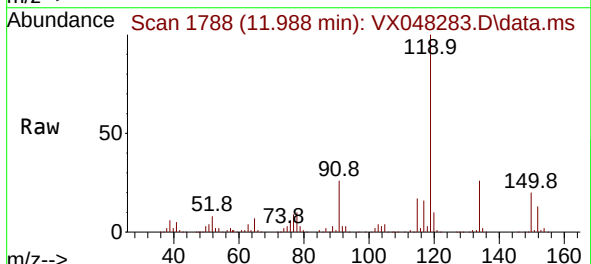
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBS01

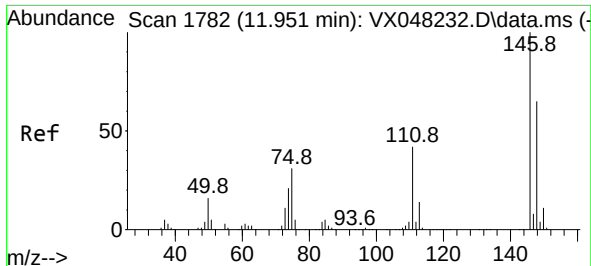
Tgt Ion:105 Resp: 122676
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 18.286 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. -0.000 min
 Lab File: VX048283.D
 Acq: 22 Oct 2025 09:53

Tgt Ion:119 Resp: 107570
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 39.0
 91 25.7 12.1 36.3

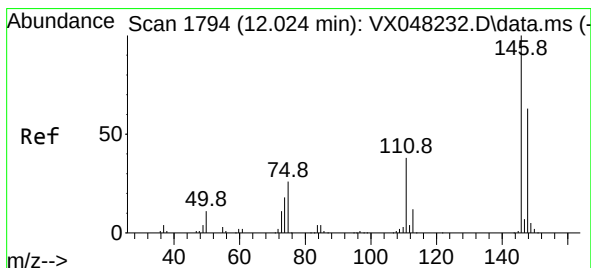
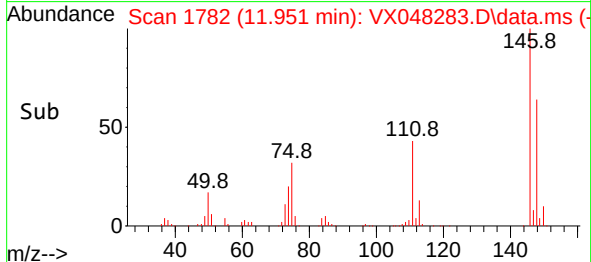
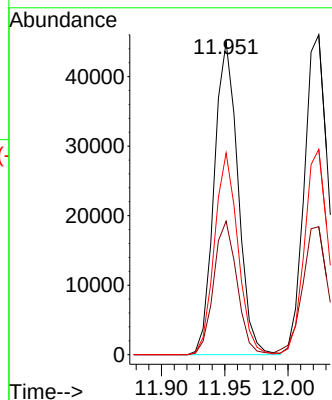
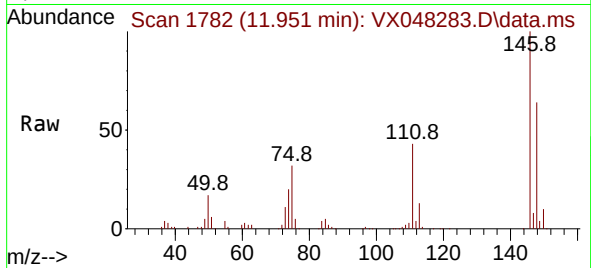




#87
 1,3-Dichlorobenzene
 Concen: 18.708 ug/l
 RT: 11.951 min Scan# 1782
 Delta R.T. -0.000 min
 Lab File: VX048283.D
 Acq: 22 Oct 2025 09:53

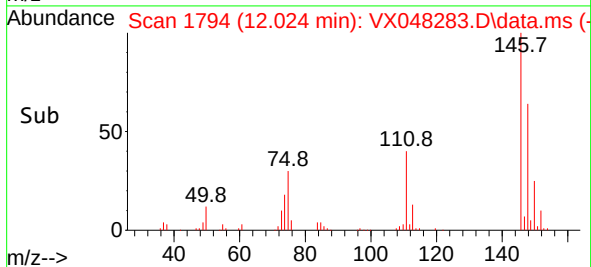
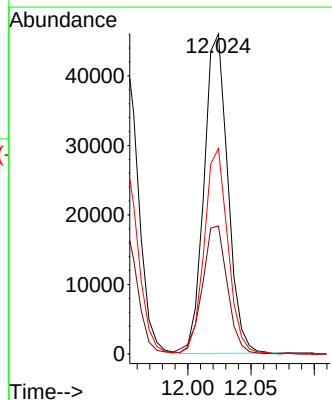
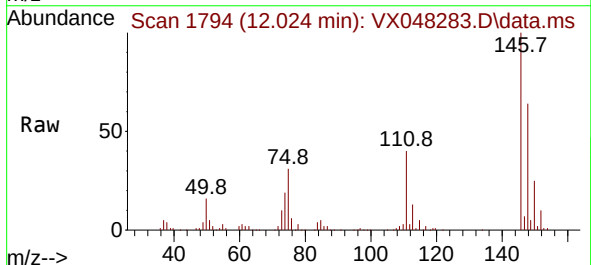
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBS01

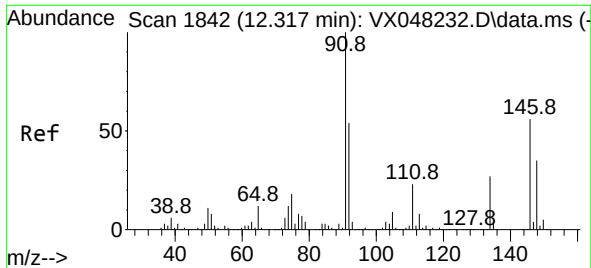
Tgt Ion:146 Resp: 58833
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.4 61.2
 148 63.2 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 18.420 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX048283.D
 Acq: 22 Oct 2025 09:53

Tgt Ion:146 Resp: 60010
 Ion Ratio Lower Upper
 146 100
 111 42.4 20.1 60.2
 148 64.4 31.8 95.3

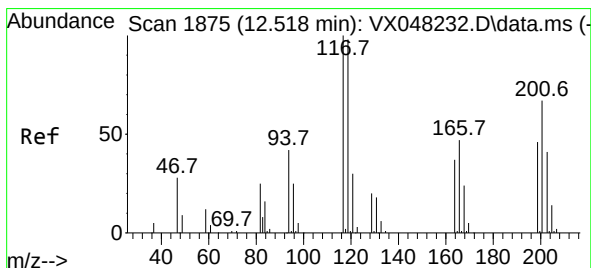
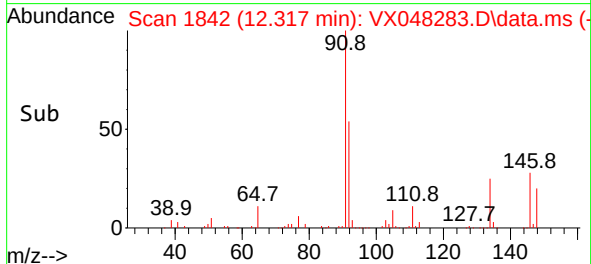
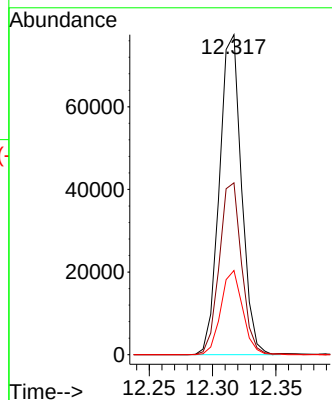
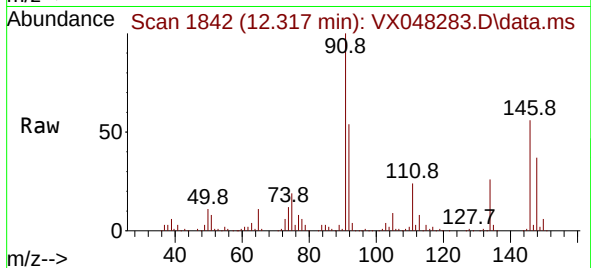




#89
n-Butylbenzene
Concen: 17.540 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

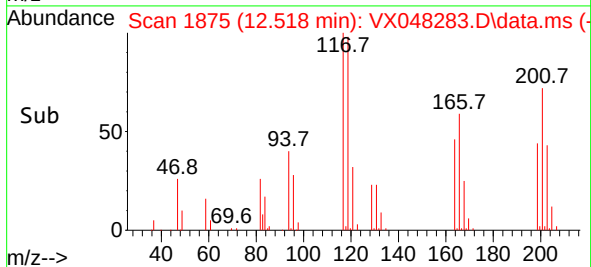
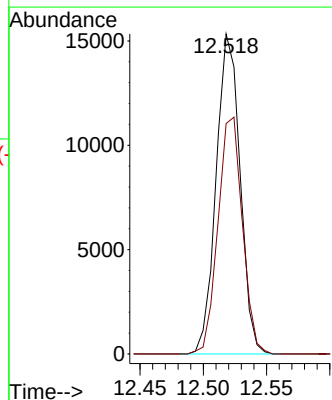
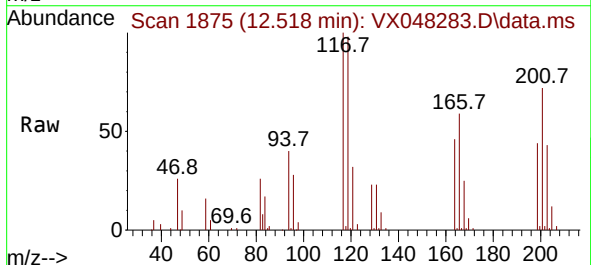
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

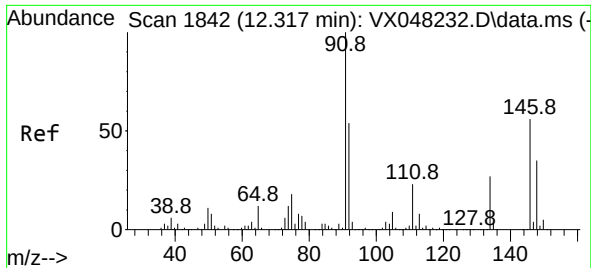
Tgt Ion: 91 Resp: 93913
Ion Ratio Lower Upper
91 100
92 54.4 26.9 80.6
134 26.0 12.7 38.1



#90
Hexachloroethane
Concen: 17.328 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 117 Resp: 20129
Ion Ratio Lower Upper
117 100
201 75.6 34.1 102.2

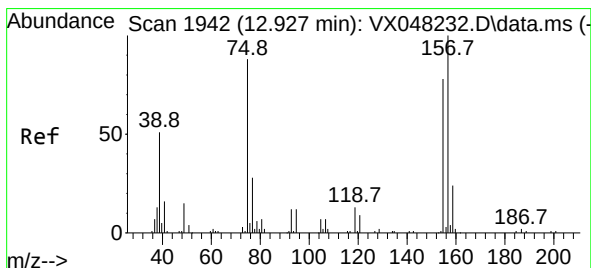
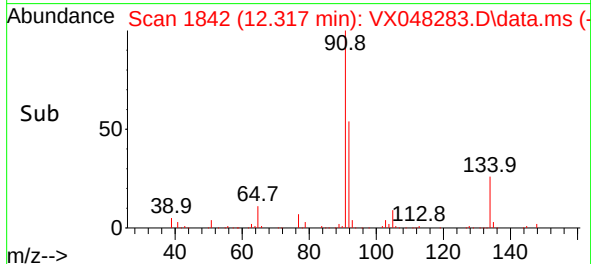
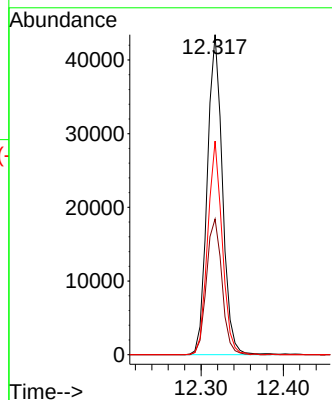
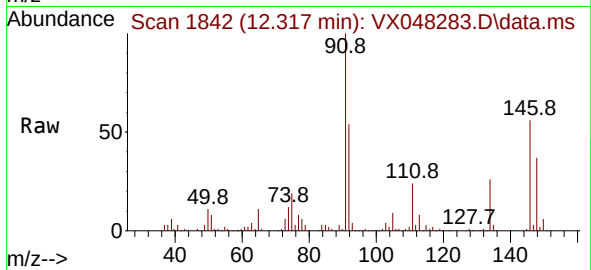




#91
1,2-Dichlorobenzene
Concen: 18.823 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

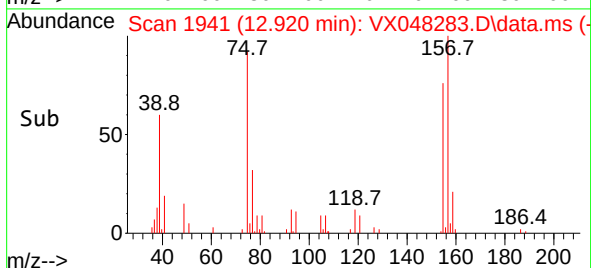
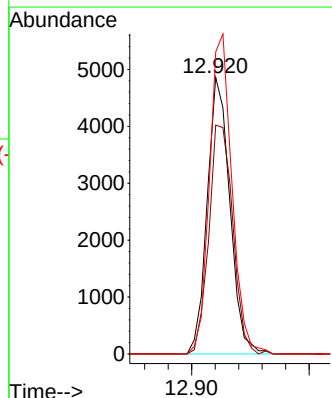
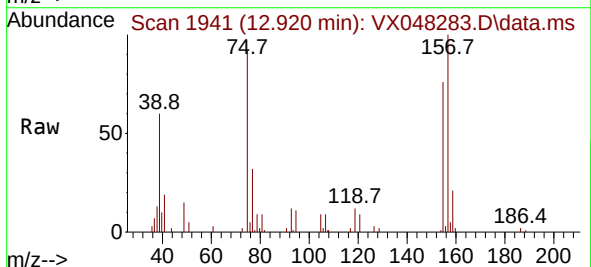
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

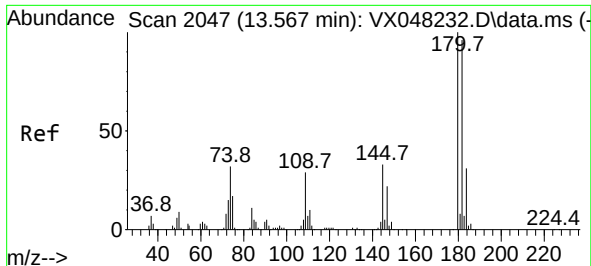
Tgt Ion:146 Resp: 55576
Ion Ratio Lower Upper
146 100
111 43.3 21.9 65.5
148 64.0 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.598 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 75 Resp: 6490
Ion Ratio Lower Upper
75 100
155 87.8 42.8 128.4
157 114.9 54.2 162.6

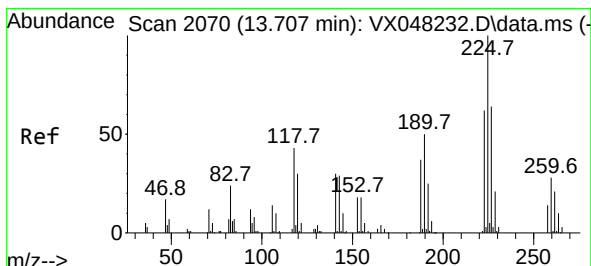
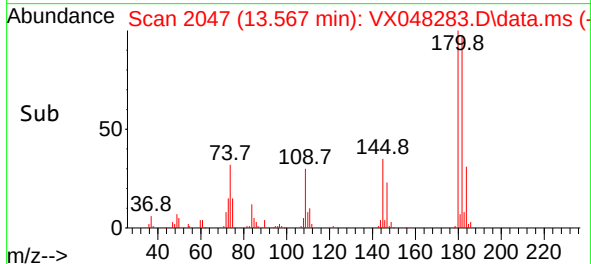
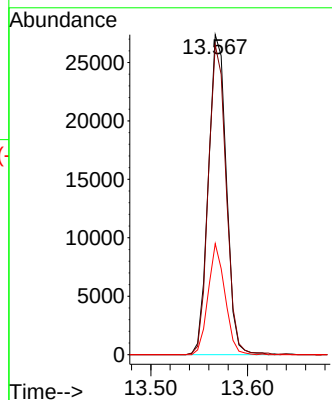
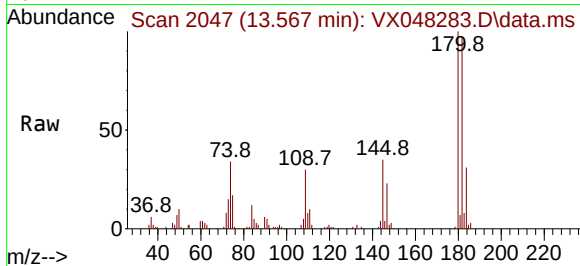




#93
1,2,4-Trichlorobenzene
Concen: 17.699 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

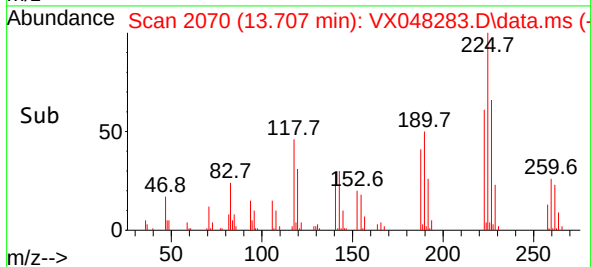
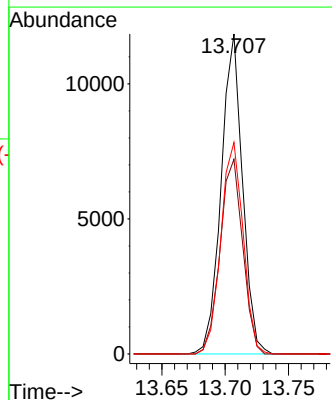
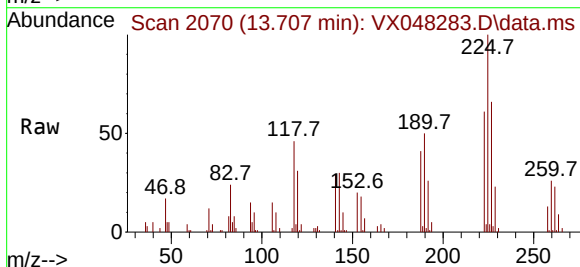
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

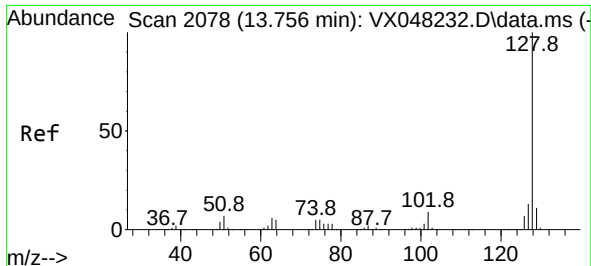
Tgt Ion:180 Resp: 35339
Ion Ratio Lower Upper
180 100
182 96.4 47.3 142.0
145 32.5 16.3 48.9



#94
Hexachlorobutadiene
Concen: 18.594 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:225 Resp: 13881
Ion Ratio Lower Upper
225 100
223 64.3 32.6 97.7
227 68.8 32.5 97.4

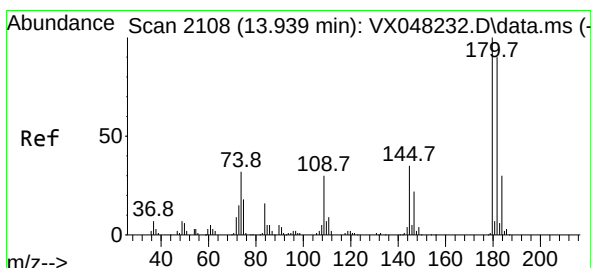
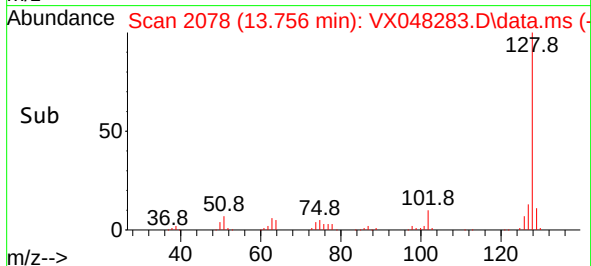
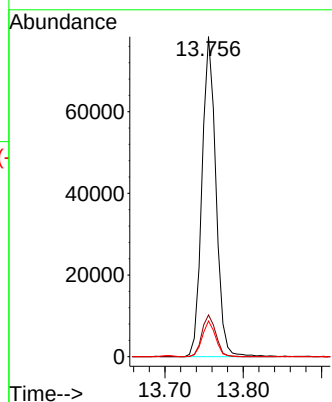
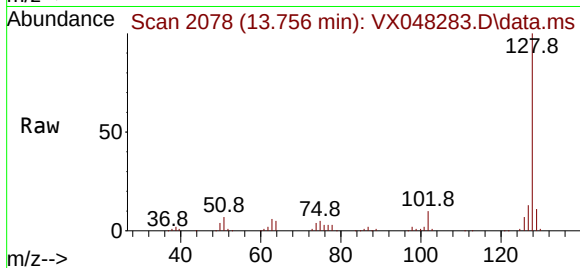




#95
Naphthalene
Concen: 18.305 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

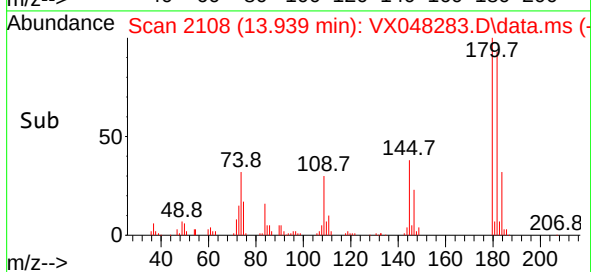
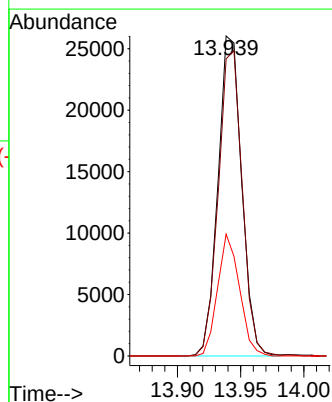
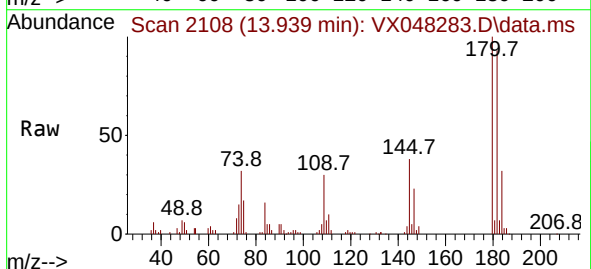
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

Tgt Ion:	128	Resp:	96835
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	10.7	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 18.518 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:	180	Resp:	33930
Ion	Ratio	Lower	Upper
180	100		
182	96.3	46.6	139.7
145	35.2	16.9	50.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
 Data File : VX048284.D
 Acq On : 22 Oct 2025 10:18
 Operator : JC/MD
 Sample : VX1022WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBSD01

Quant Time: Oct 24 05:52:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.532	168	120104	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.745	114	195961	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	180624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	92297	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	82990	49.283	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.560%
35) Dibromofluoromethane	5.367	113	65947	49.295	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.580%
50) Toluene-d8	8.629	98	230741	49.207	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.420%
62) 4-Bromofluorobenzene	11.061	95	88101	49.387	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.780%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	23340	18.904	ug/l	96
3) Chloromethane	1.301	50	22183	19.248	ug/l	98
4) Vinyl Chloride	1.380	62	18991	17.795	ug/l	99
5) Bromomethane	1.618	94	12429	17.161	ug/l	99
6) Chloroethane	1.697	64	10355	16.512	ug/l #	86
7) Trichlorofluoromethane	1.898	101	36108	17.642	ug/l	96
8) Diethyl Ether	2.136	74	9485	16.470	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.337	101	23134	17.849	ug/l	95
10) Methyl Iodide	2.453	142	29973	18.396	ug/l	97
11) Tert butyl alcohol	2.941	59	12474	74.608	ug/l	98
12) 1,1-Dichloroethene	2.325	96	21375	16.952	ug/l	89
13) Acrolein	2.233	56	17626	103.366	ug/l	94
14) Allyl chloride	2.666	41	34578	16.517	ug/l	95
15) Acrylonitrile	3.056	53	51590	85.572	ug/l	99
16) Acetone	2.374	43	48392	83.768	ug/l	95
17) Carbon Disulfide	2.514	76	60156	15.137	ug/l	96
18) Methyl Acetate	2.697	43	20120	16.677	ug/l	96
19) Methyl tert-butyl Ether	3.105	73	76922	17.882	ug/l	95
20) Methylene Chloride	2.788	84	25251	17.939	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	23986	17.318	ug/l	97
22) Diisopropyl ether	3.751	45	76447	18.308	ug/l	95
23) Vinyl Acetate	3.709	43	296196	88.804	ug/l	95
24) 1,1-Dichloroethane	3.605	63	44297	17.545	ug/l	99
25) 2-Butanone	4.538	43	64935	88.805	ug/l	96
26) 2,2-Dichloropropane	4.459	77	41209	18.083	ug/l	97
27) cis-1,2-Dichloroethene	4.477	96	29677	18.359	ug/l	99
28) Bromochloromethane	4.885	49	19339	18.473	ug/l	85
29) Tetrahydrofuran	4.983	42	38740	88.463	ug/l	92
30) Chloroform	5.074	83	51696	19.165	ug/l	99
31) Cyclohexane	5.458	56	38986	18.651	ug/l	93
32) 1,1,1-Trichloroethane	5.367	97	46741	18.802	ug/l	99
36) 1,1-Dichloropropene	5.678	75	34395	18.089	ug/l	99
37) Ethyl Acetate	4.696	43	26522	16.828	ug/l #	95
38) Carbon Tetrachloride	5.666	117	42819	18.252	ug/l	98
39) Methylcyclohexane	7.367	83	40011	17.817	ug/l	93
40) Benzene	6.019	78	102728	18.608	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
 Data File : VX048284.D
 Acq On : 22 Oct 2025 10:18
 Operator : JC/MD
 Sample : VX1022WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBSD01

Quant Time: Oct 24 05:52:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	15325	18.516	ug/l	97
42) 1,2-Dichloroethane	6.068	62	39959	19.615	ug/l	100
43) Isopropyl Acetate	6.324	43	47991	18.537	ug/l #	94
44) Trichloroethene	7.111	130	27345	18.759	ug/l	89
45) 1,2-Dichloropropane	7.415	63	25354	19.317	ug/l	97
46) Dibromomethane	7.568	93	20155	19.710	ug/l	93
47) Bromodichloromethane	7.806	83	43009	19.480	ug/l	97
48) Methyl methacrylate	7.678	41	24768	18.959	ug/l	95
49) 1,4-Dioxane	7.647	88	6857	397.302	ug/l	93
51) 4-Methyl-2-Pentanone	8.555	43	143580	96.190	ug/l	98
52) Toluene	8.702	92	68859	19.634	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	42100	19.787	ug/l	100
54) cis-1,3-Dichloropropene	8.348	75	43961	19.150	ug/l	91
55) 1,1,2-Trichloroethane	9.135	97	26128	20.033	ug/l	96
56) Ethyl methacrylate	9.098	69	37038	19.415	ug/l	94
57) 1,3-Dichloropropane	9.293	76	44479	19.965	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.226	63	87997	86.903	ug/l	95
59) 2-Hexanone	9.415	43	100647	96.700	ug/l	96
60) Dibromochloromethane	9.500	129	33589	19.161	ug/l	99
61) 1,2-Dibromoethane	9.592	107	28498	20.496	ug/l	93
64) Tetrachloroethene	9.257	164	24658	18.287	ug/l	91
65) Chlorobenzene	10.061	112	77769	19.140	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	28328	18.982	ug/l	99
67) Ethyl Benzene	10.177	91	129701	18.749	ug/l	99
68) m/p-Xylenes	10.287	106	99982	38.899	ug/l	99
69) o-Xylene	10.622	106	47318	19.068	ug/l	100
70) Styrene	10.634	104	82638	19.558	ug/l	100
71) Bromoform	10.781	173	22550	18.905	ug/l #	99
73) Isopropylbenzene	10.945	105	124929	18.532	ug/l	100
74) N-amyl acetate	10.823	43	42802	17.899	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.195	83	34771	18.887	ug/l	97
76) 1,2,3-Trichloropropane	11.220	75	36161	24.160	ug/l	84
77) Bromobenzene	11.177	156	31977	18.917	ug/l	93
78) n-propylbenzene	11.287	91	146740	18.800	ug/l	98
79) 2-Chlorotoluene	11.348	91	90136	19.047	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	105222	18.861	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	10645	17.303	ug/l	96
82) 4-Chlorotoluene	11.433	91	105630	18.803	ug/l	96
83) tert-Butylbenzene	11.695	119	107485	18.752	ug/l	97
84) 1,2,4-Trimethylbenzene	11.732	105	107910	19.382	ug/l	99
85) sec-Butylbenzene	11.872	105	126036	18.276	ug/l	100
86) p-Isopropyltoluene	11.988	119	109030	18.291	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	58821	18.459	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	60184	18.231	ug/l	98
89) n-Butylbenzene	12.317	91	93633	17.258	ug/l	98
90) Hexachloroethane	12.518	117	19578	16.632	ug/l	94
91) 1,2-Dichlorobenzene	12.317	146	54904	18.351	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.920	75	6427	17.199	ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	33681	16.647	ug/l	97
94) Hexachlorobutadiene	13.707	225	13822	18.273	ug/l	97
95) Naphthalene	13.756	128	92069	17.176	ug/l	99
96) 1,2,3-Trichlorobenzene	13.939	180	33036	17.794	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048284.D
Acq On : 22 Oct 2025 10:18
Operator : JC/MD
Sample : VX1022WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

Quant Time: Oct 24 05:52:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

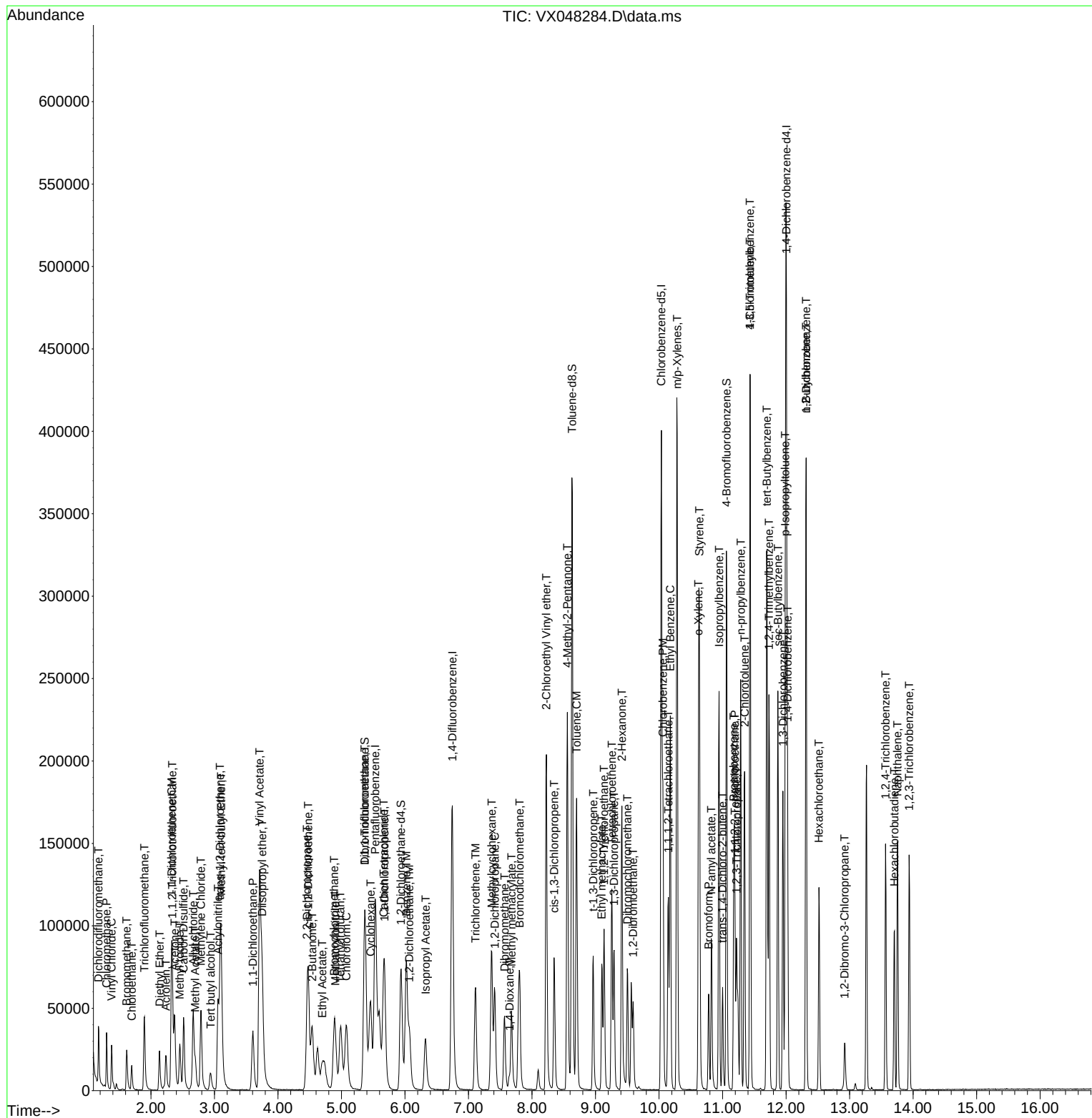
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

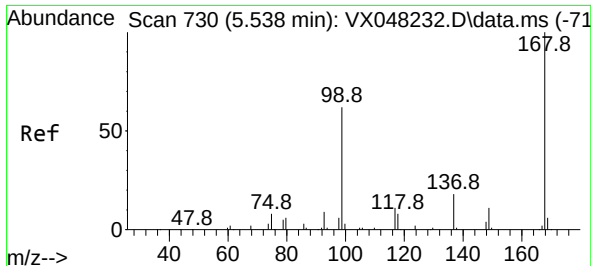
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048284.D
Acq On : 22 Oct 2025 10:18
Operator : JC/MD
Sample : VX1022WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

Quant Time: Oct 24 05:52:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

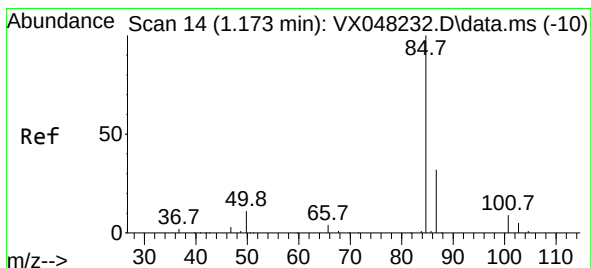
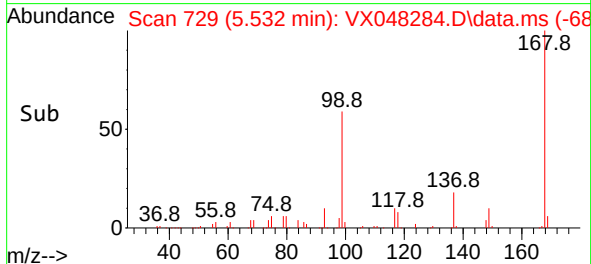
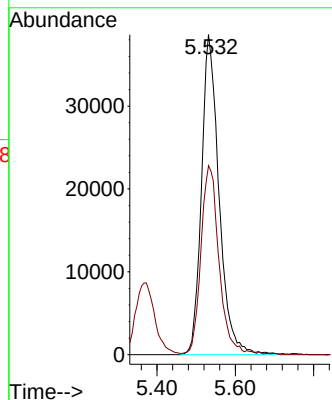
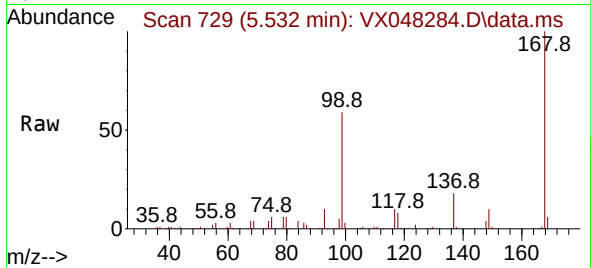




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

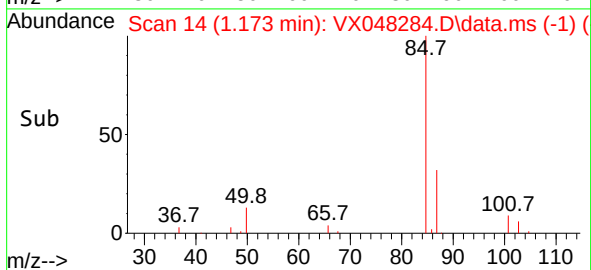
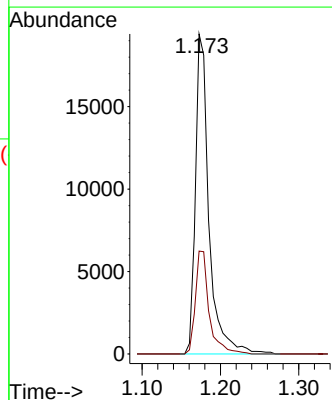
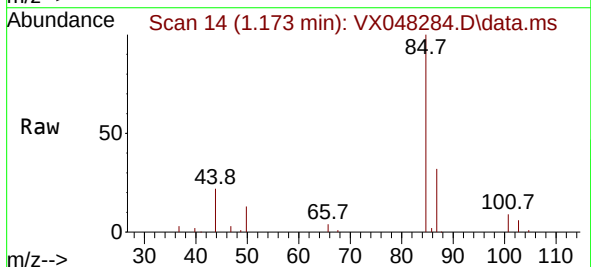
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

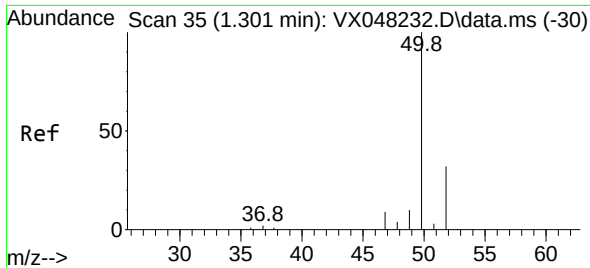
Tgt Ion:168 Resp: 120104
Ion Ratio Lower Upper
168 100
99 59.1 46.4 69.6



#2
Dichlorodifluoromethane
Concen: 18.904 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 85 Resp: 23340
Ion Ratio Lower Upper
85 100
87 32.5 15.3 45.9

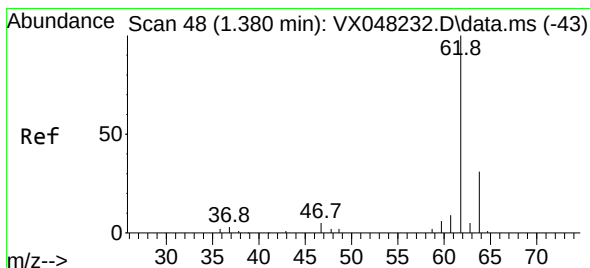
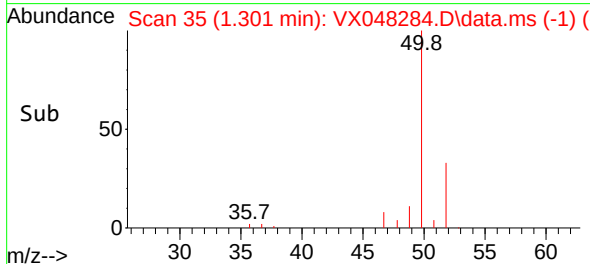
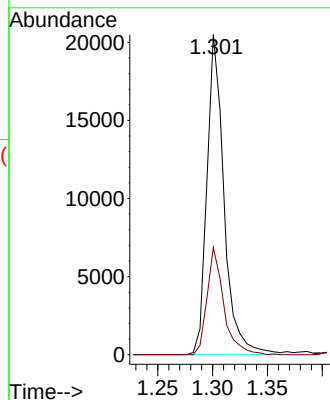
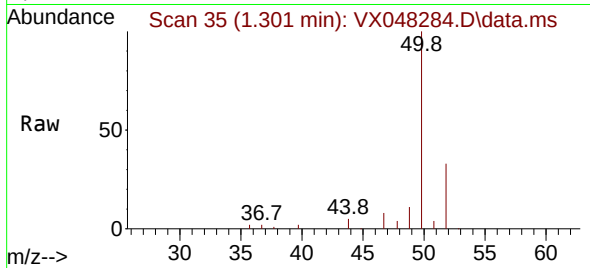




#3
Chloromethane
Concen: 19.248 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

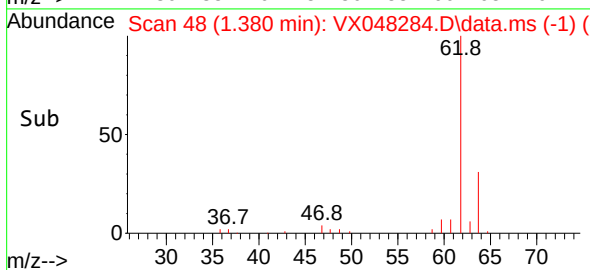
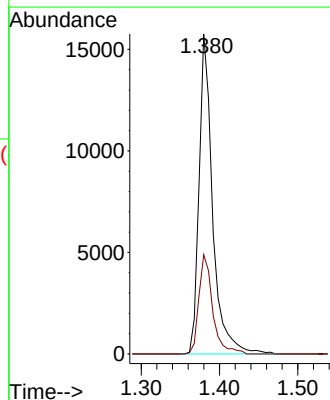
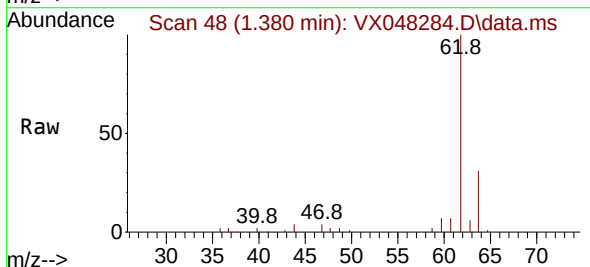
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

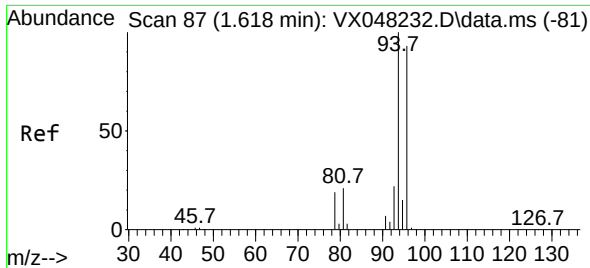
Tgt Ion: 50 Resp: 22183
Ion Ratio Lower Upper
50 100
52 33.5 25.9 38.9



#4
Vinyl Chloride
Concen: 17.795 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 62 Resp: 18991
Ion Ratio Lower Upper
62 100
64 31.0 25.1 37.7

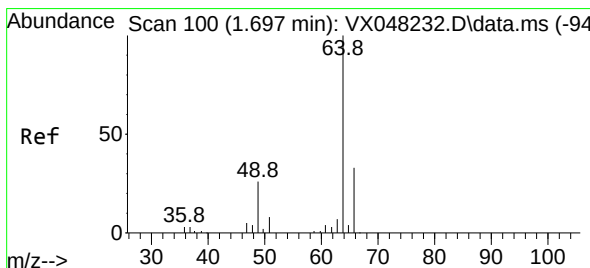
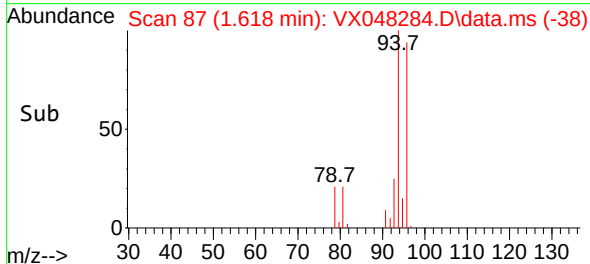
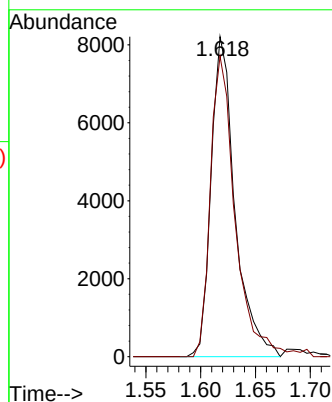
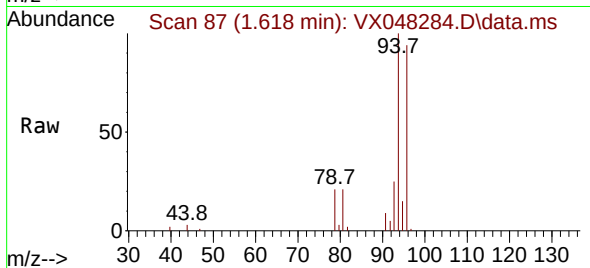




#5
Bromomethane
Concen: 17.161 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

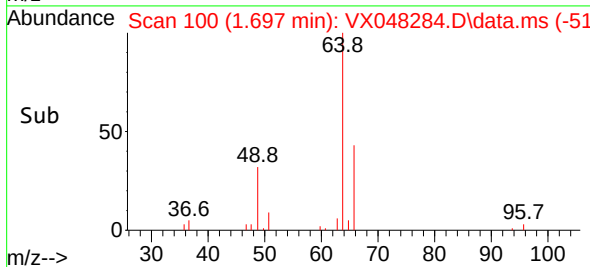
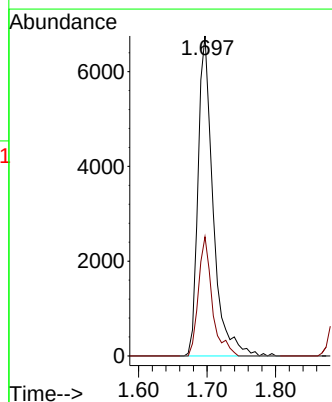
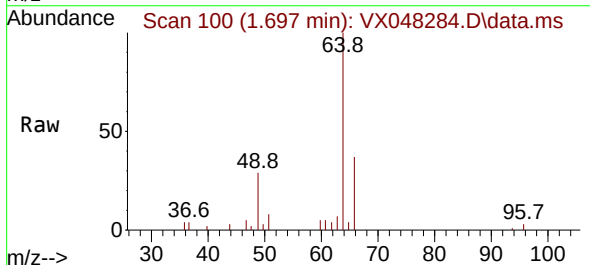
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

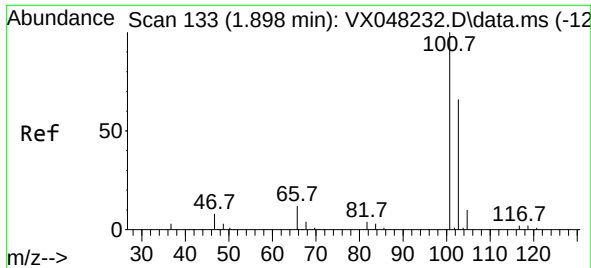
Tgt Ion: 94 Resp: 12429
Ion Ratio Lower Upper
94 100
96 93.9 76.0 114.0



#6
Chloroethane
Concen: 16.512 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 64 Resp: 10355
Ion Ratio Lower Upper
64 100
66 37.3 23.9 35.9

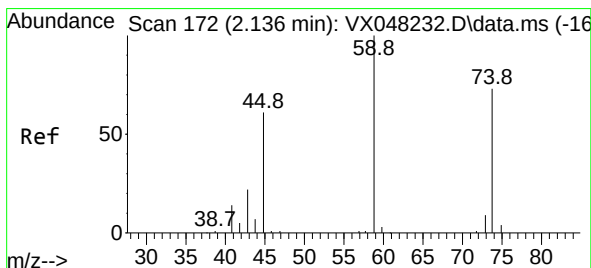
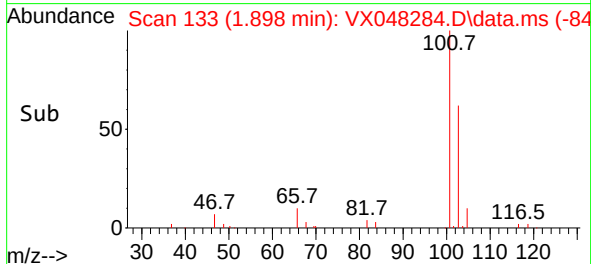
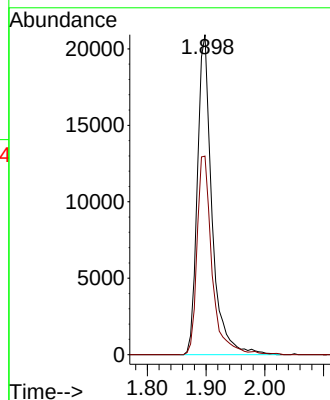
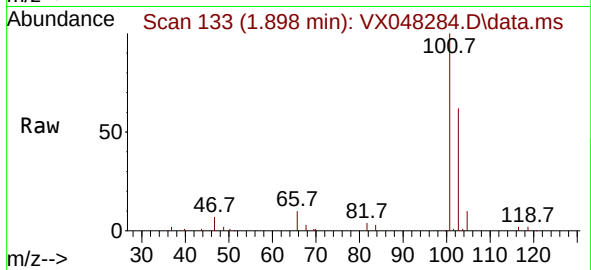




#7
 Trichlorofluoromethane
 Concen: 17.642 ug/l
 RT: 1.898 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX048284.D
 Acq: 22 Oct 2025 10:18

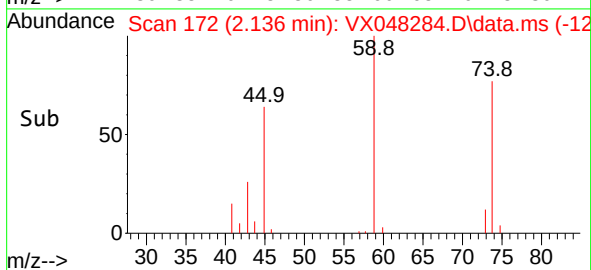
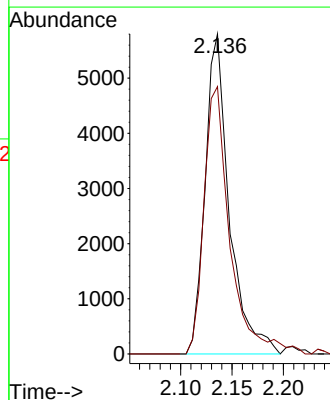
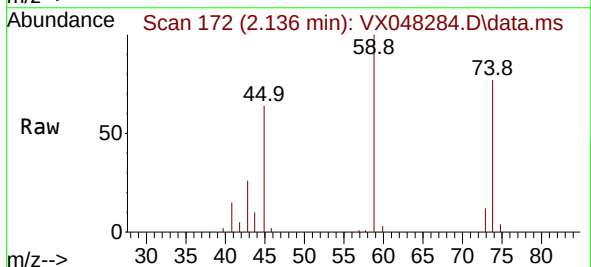
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBSD01

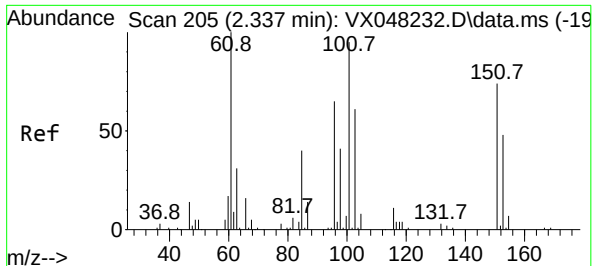
Tgt Ion:101 Resp: 36108
 Ion Ratio Lower Upper
 101 100
 103 61.4 51.6 77.4



#8
 Diethyl Ether
 Concen: 16.470 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX048284.D
 Acq: 22 Oct 2025 10:18

Tgt Ion: 74 Resp: 9485
 Ion Ratio Lower Upper
 74 100
 45 89.8 50.0 149.8

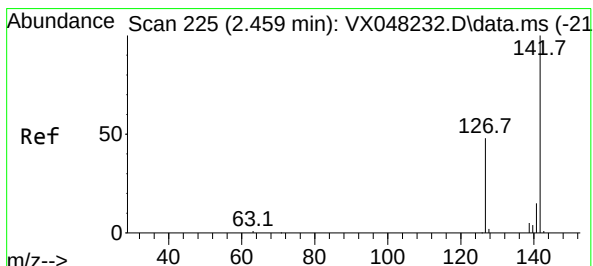
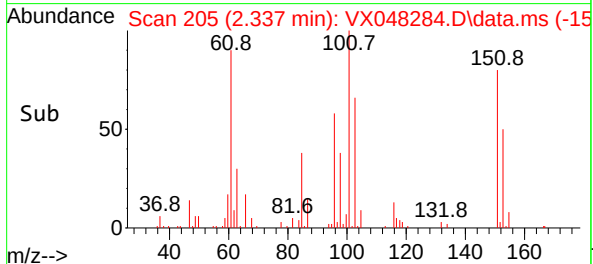
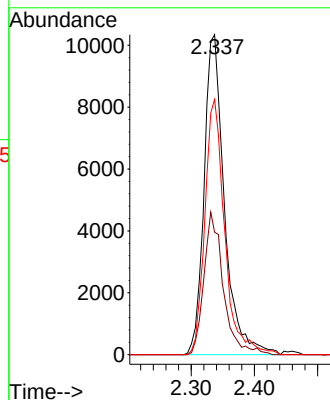
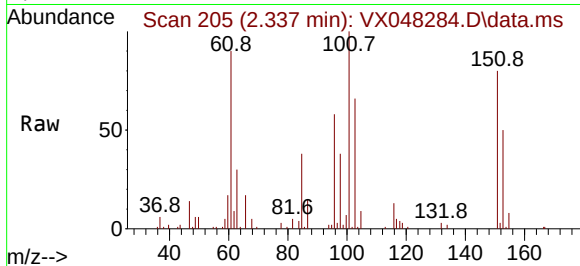




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.849 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

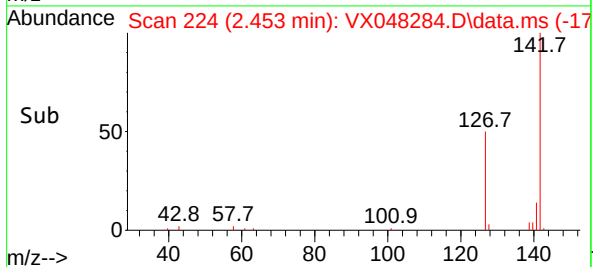
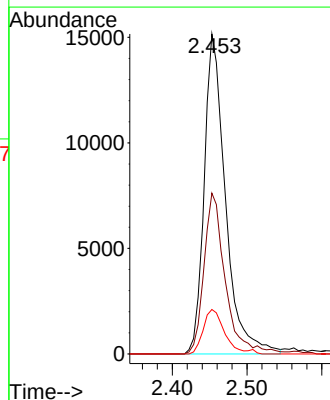
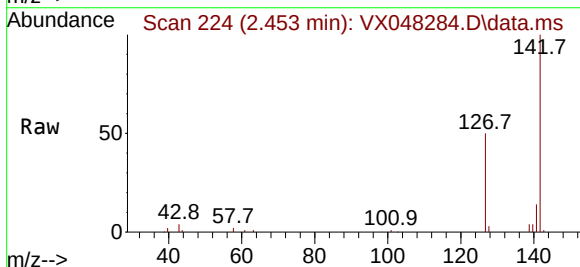
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

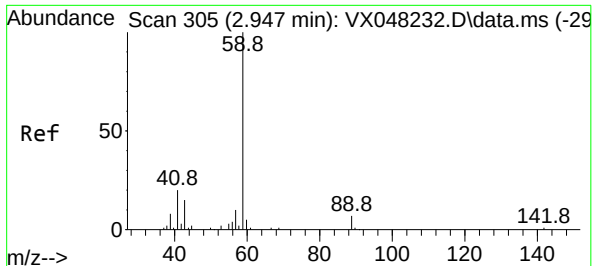
Tgt Ion:101 Resp: 23134
Ion Ratio Lower Upper
101 100
85 42.6 35.6 53.4
151 77.9 58.0 87.0



#10
Methyl Iodide
Concen: 18.396 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:142 Resp: 29973
Ion Ratio Lower Upper
142 100
127 50.2 38.5 57.7
141 14.1 11.6 17.4

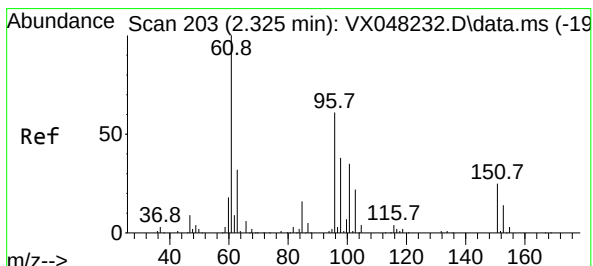
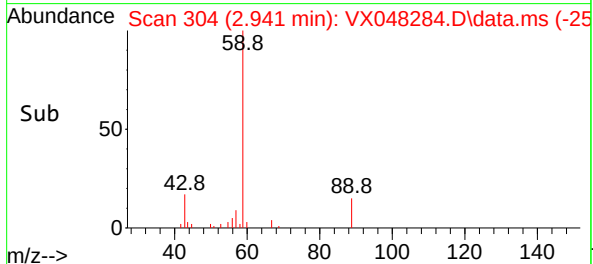
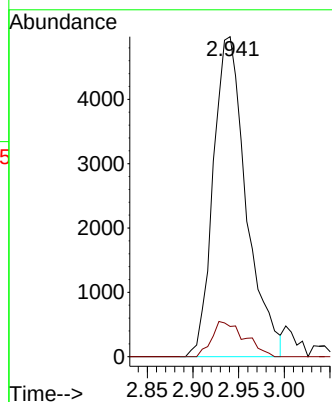
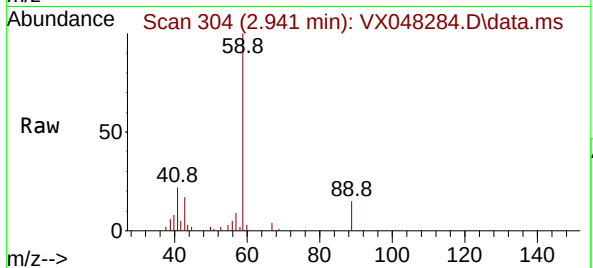




#11
Tert butyl alcohol
Concen: 74.608 ug/l
RT: 2.941 min Scan# 305
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

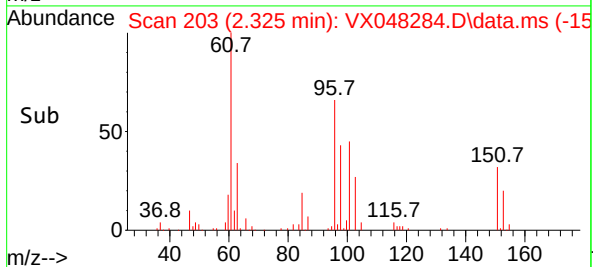
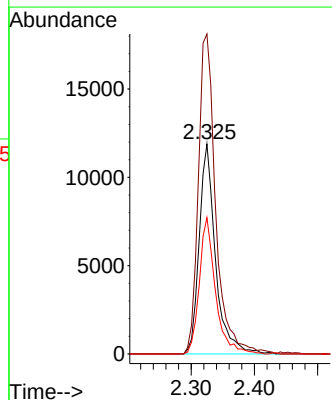
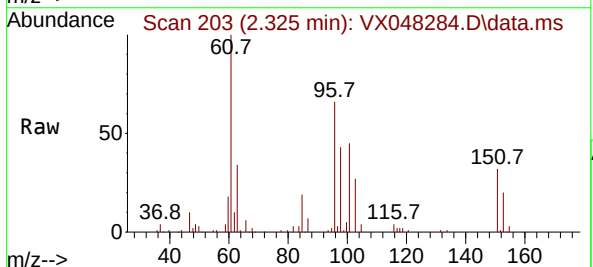
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

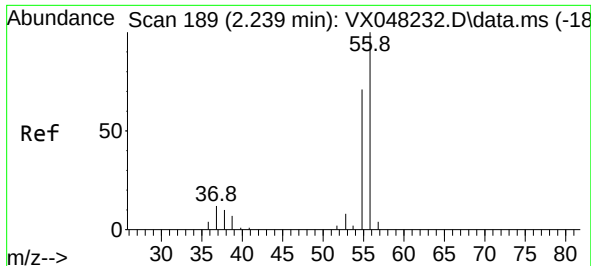
Tgt Ion: 59 Resp: 12474
Ion Ratio Lower Upper
59 100
57 11.0 8.2 12.4



#12
1,1-Dichloroethene
Concen: 16.952 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 96 Resp: 21375
Ion Ratio Lower Upper
96 100
61 152.4 139.0 208.6
98 64.9 52.4 78.6





#13

Acrolein

Concen: 103.366 ug/l

RT: 2.233 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

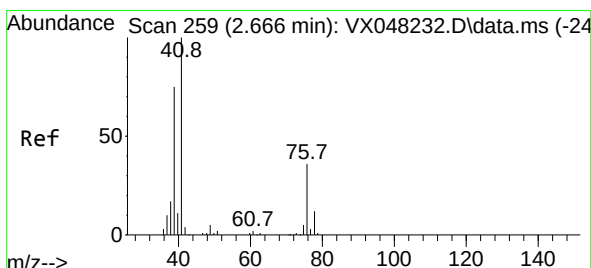
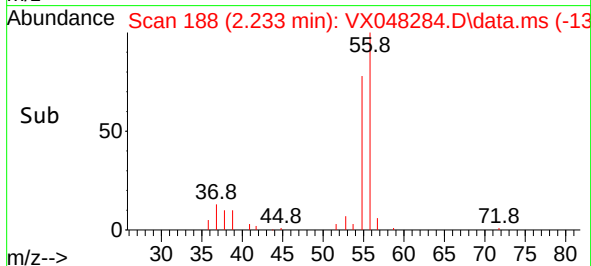
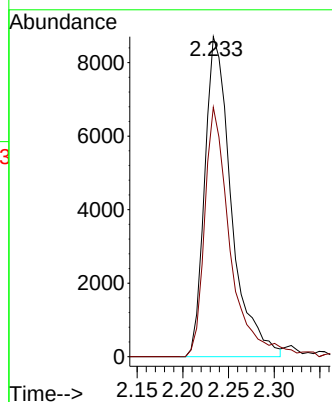
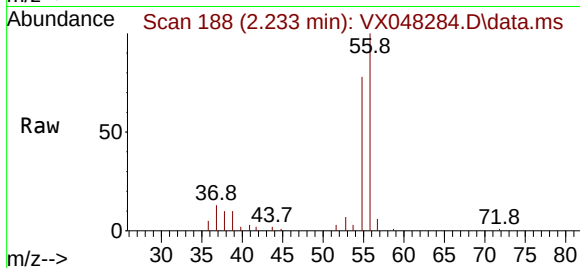
VX1022WBSD01

Tgt Ion: 56 Resp: 17626

Ion Ratio Lower Upper

56 100

55 75.3 56.1 84.1



#14

Allyl chloride

Concen: 16.517 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

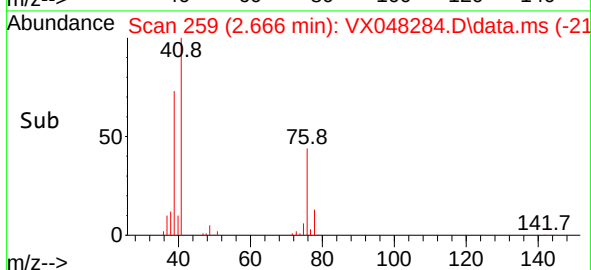
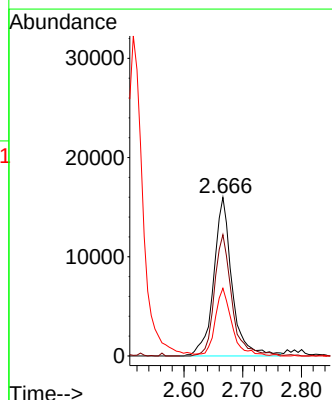
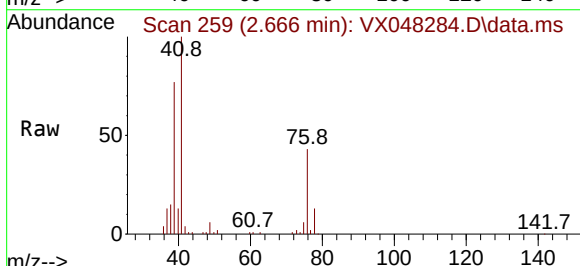
Tgt Ion: 41 Resp: 34578

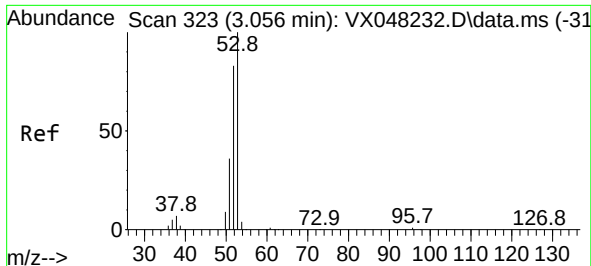
Ion Ratio Lower Upper

41 100

39 73.3 56.0 84.0

76 37.8 27.5 41.3

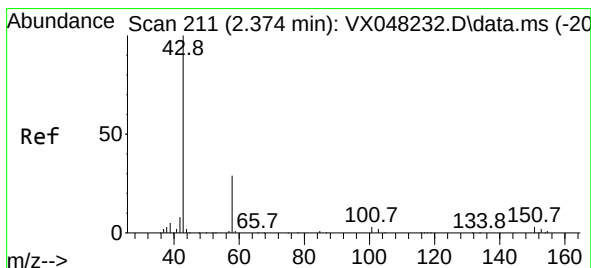
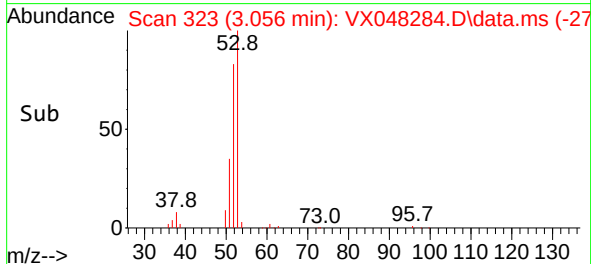
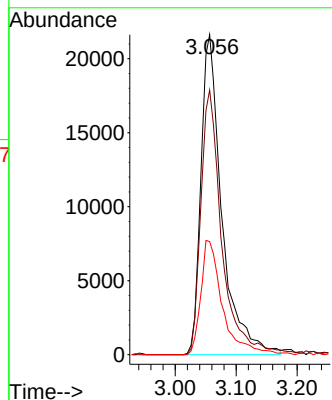
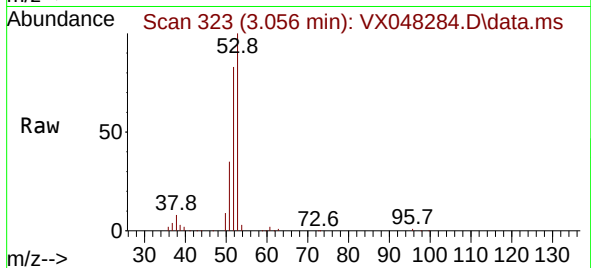




#15
Acrylonitrile
Concen: 85.572 ug/l
RT: 3.056 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

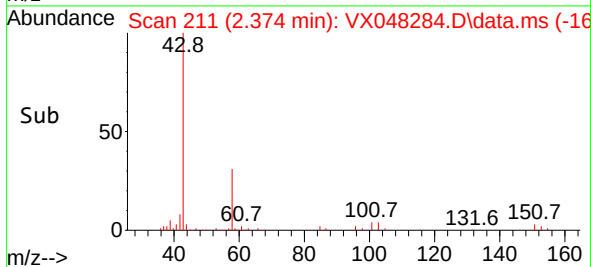
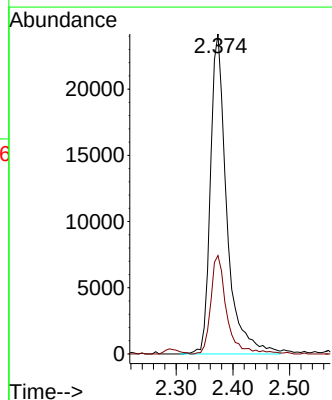
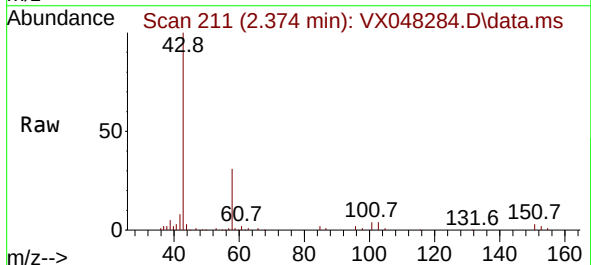
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

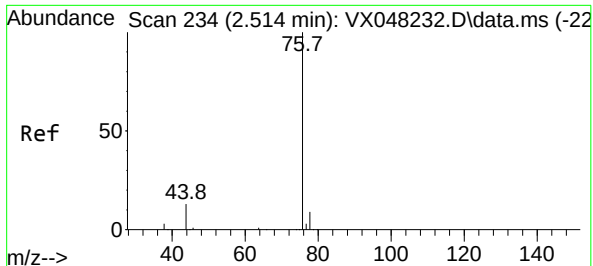
Tgt Ion: 53 Resp: 51590
Ion Ratio Lower Upper
53 100
52 83.0 66.1 99.1
51 37.1 29.0 43.4



#16
Acetone
Concen: 83.768 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 43 Resp: 48392
Ion Ratio Lower Upper
43 100
58 31.9 23.4 35.2

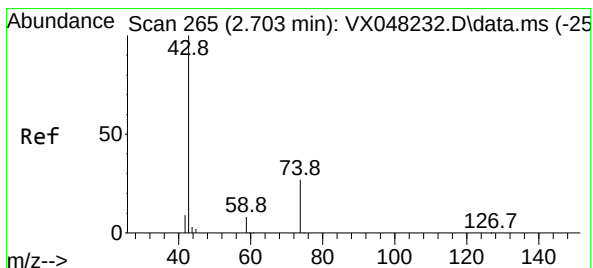
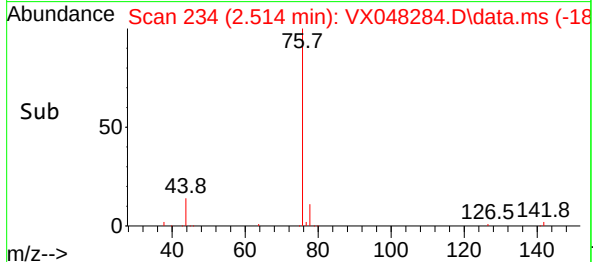
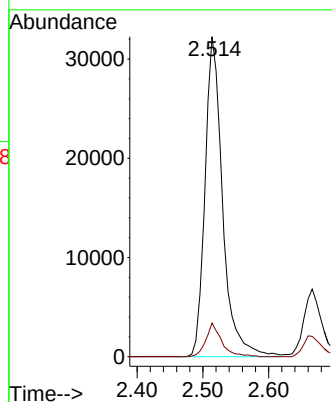
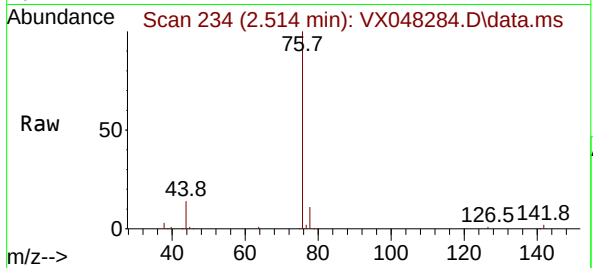




#17
Carbon Disulfide
Concen: 15.137 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

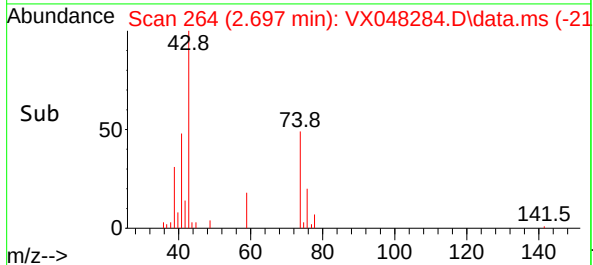
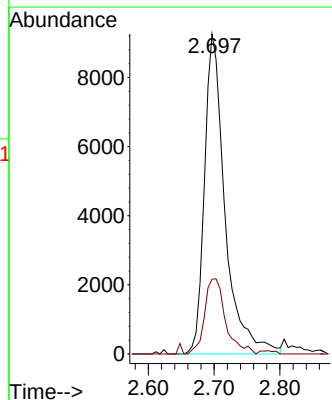
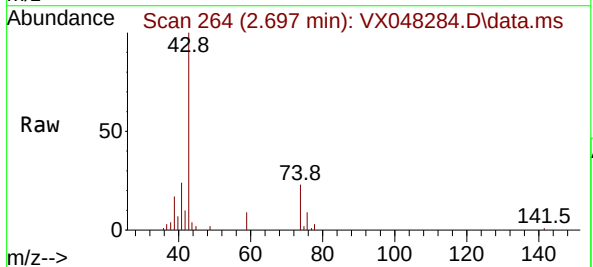
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

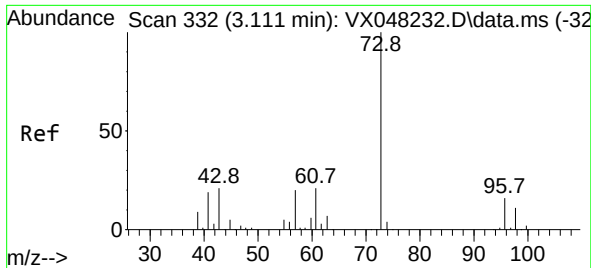
Tgt Ion: 76 Resp: 60156
Ion Ratio Lower Upper
76 100
78 10.5 7.1 10.7



#18
Methyl Acetate
Concen: 16.677 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 43 Resp: 20120
Ion Ratio Lower Upper
43 100
74 23.9 17.5 26.3

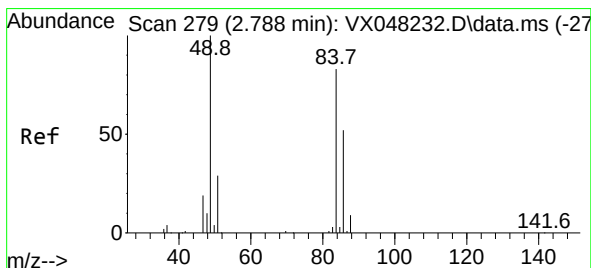
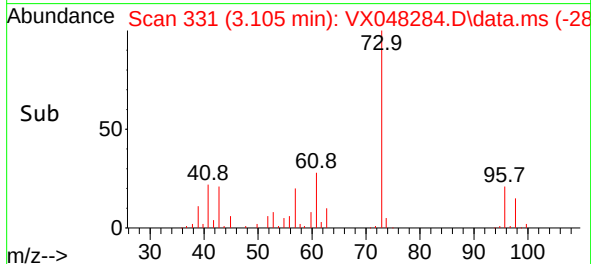
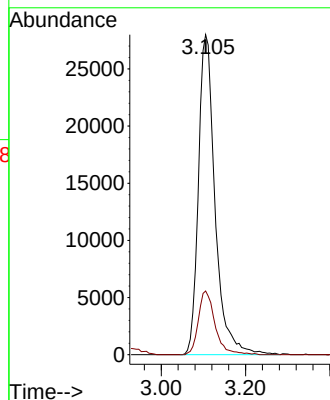
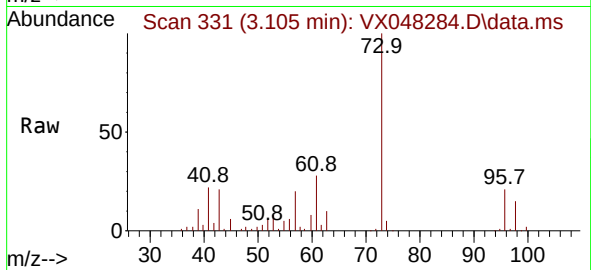




#19
Methyl tert-butyl Ether
Concen: 17.882 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

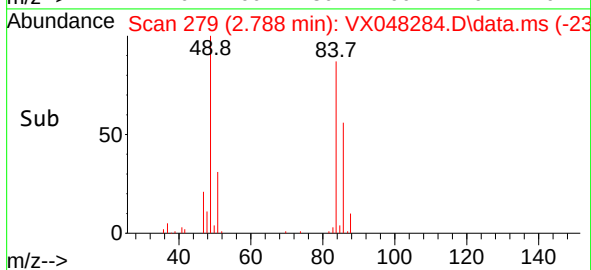
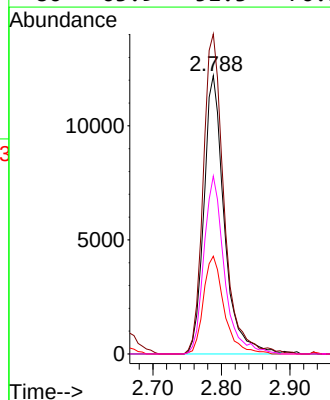
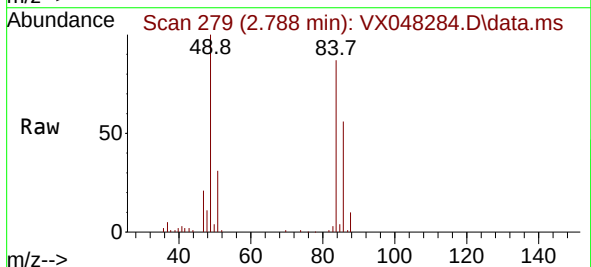
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

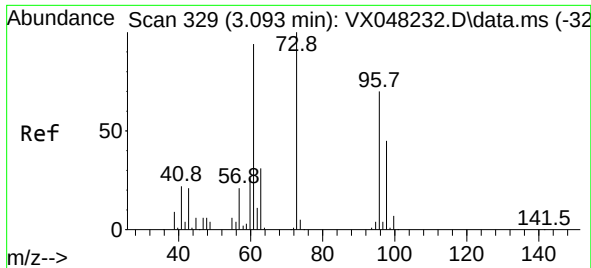
Tgt Ion: 73 Resp: 76922
Ion Ratio Lower Upper
73 100
57 19.9 17.7 26.5



#20
Methylene Chloride
Concen: 17.939 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 84 Resp: 25251
Ion Ratio Lower Upper
84 100
49 115.0 104.1 156.1
51 35.1 31.3 46.9
86 63.9 51.3 76.9

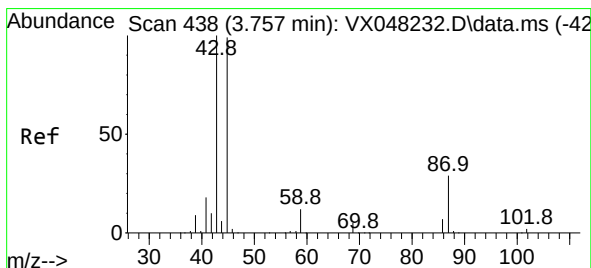
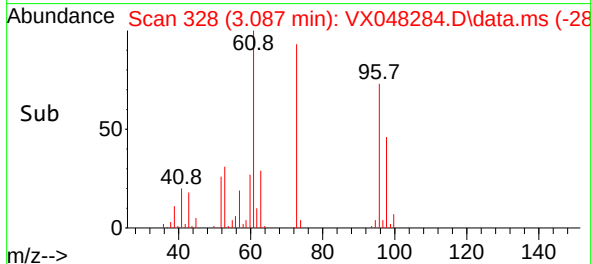
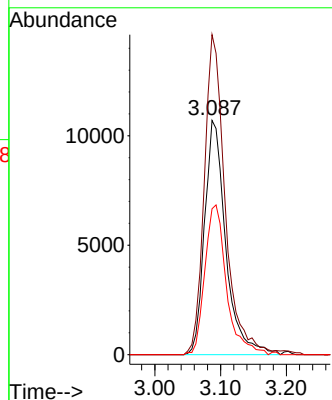
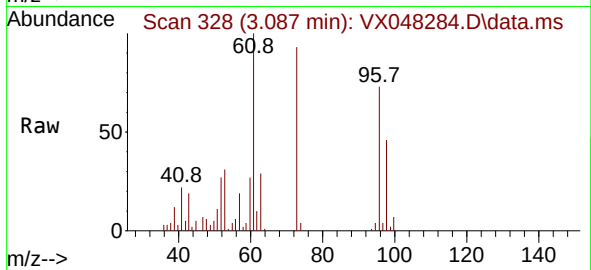




#21
trans-1,2-Dichloroethene
Concen: 17.318 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

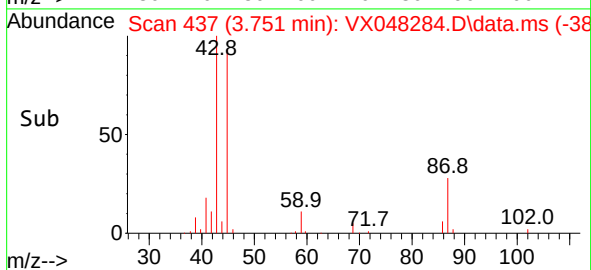
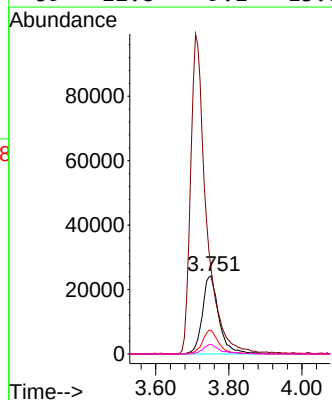
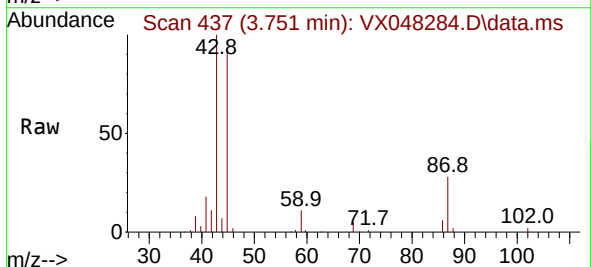
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

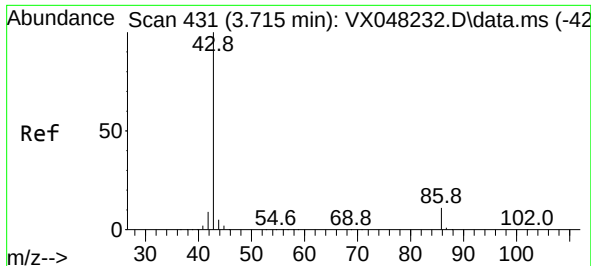
Tgt Ion:	96	Resp:	23986
Ion	Ratio	Lower	Upper
96	100		
61	136.6	111.9	167.9
98	62.3	51.2	76.8



#22
Diisopropyl ether
Concen: 18.308 ug/l
RT: 3.751 min Scan# 437
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:	45	Resp:	76447
Ion	Ratio	Lower	Upper
45	100		
43	107.4	89.8	134.8
87	30.2	20.6	31.0
59	12.8	9.1	13.7

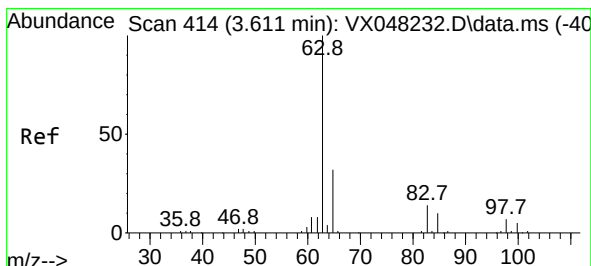
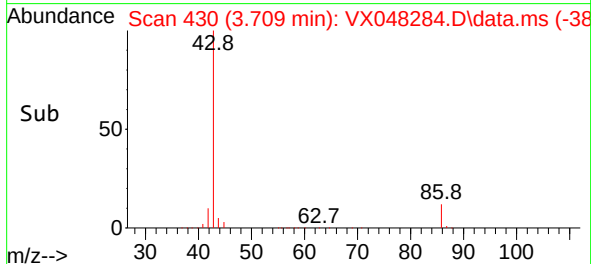
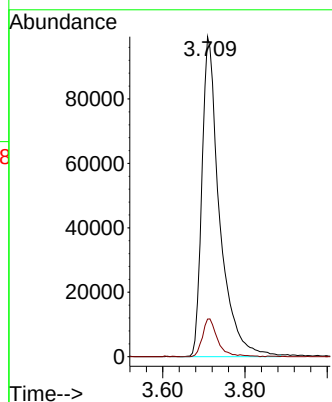
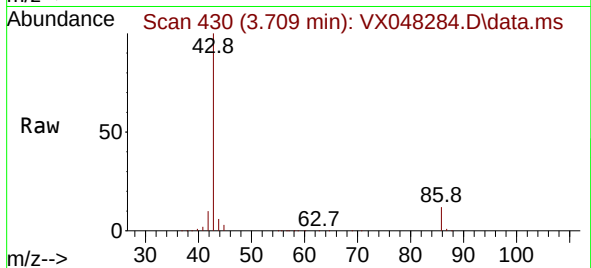




#23
 Vinyl Acetate
 Concen: 88.804 ug/l
 RT: 3.709 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX048284.D
 Acq: 22 Oct 2025 10:18

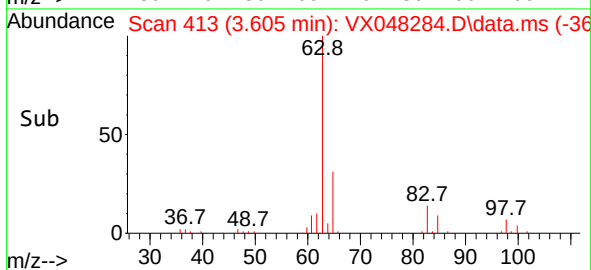
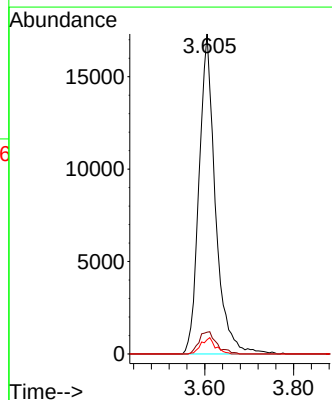
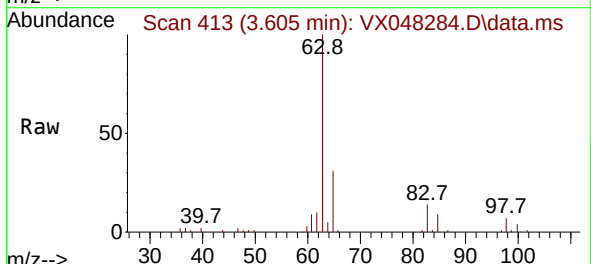
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBSD01

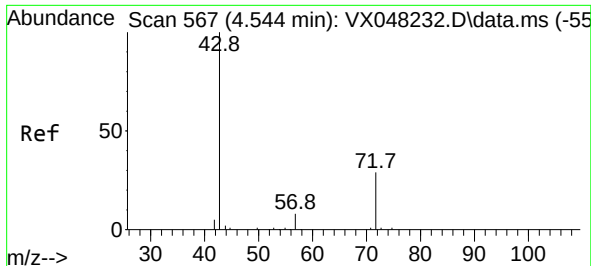
Tgt Ion: 43 Resp: 296196
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 17.545 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX048284.D
 Acq: 22 Oct 2025 10:18

Tgt Ion: 63 Resp: 44297
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.6
 100 4.5 2.1 6.3

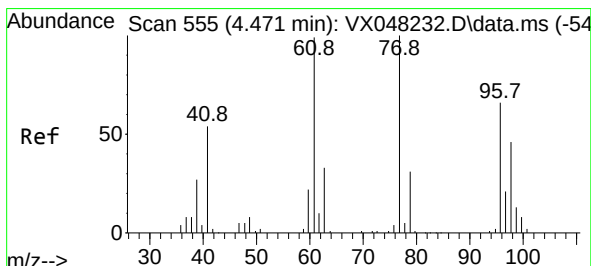
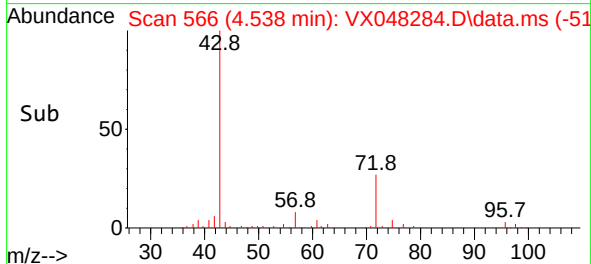
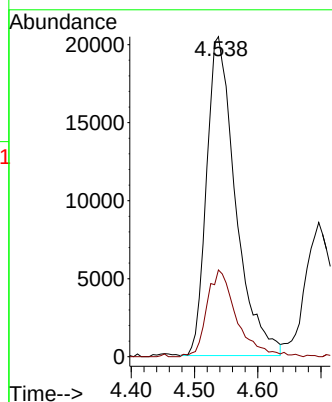
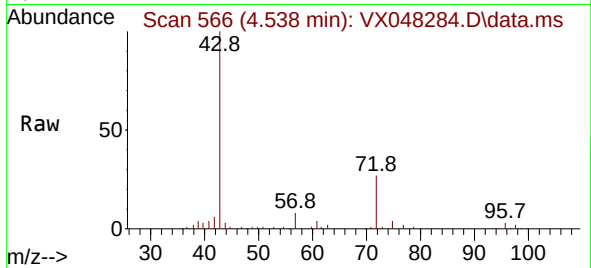




#25
2-Butanone
Concen: 88.805 ug/l
RT: 4.538 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

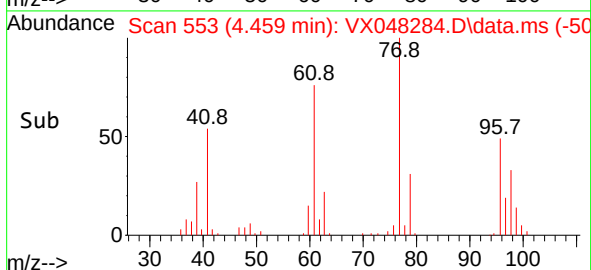
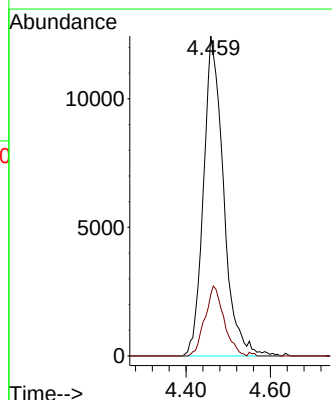
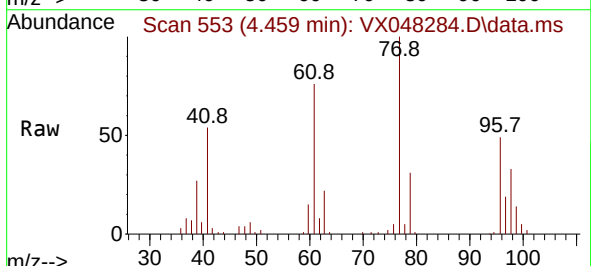
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

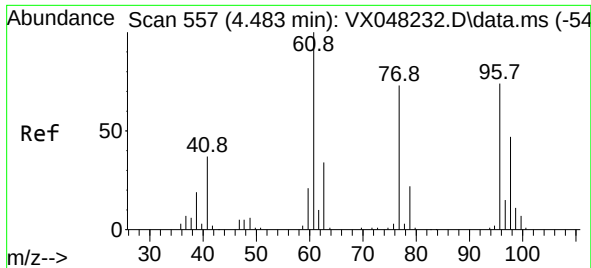
Tgt Ion: 43 Resp: 64935
Ion Ratio Lower Upper
43 100
72 27.1 19.9 29.9



#26
2,2-Dichloropropane
Concen: 18.083 ug/l
RT: 4.459 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 77 Resp: 41209
Ion Ratio Lower Upper
77 100
97 20.8 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 18.359 ug/l

RT: 4.477 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD01

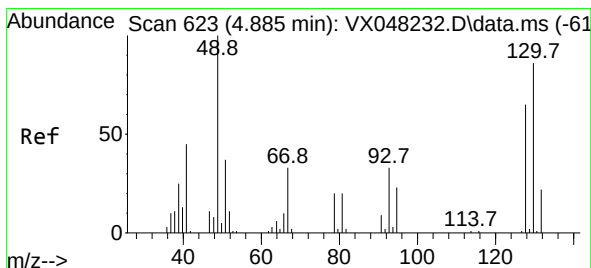
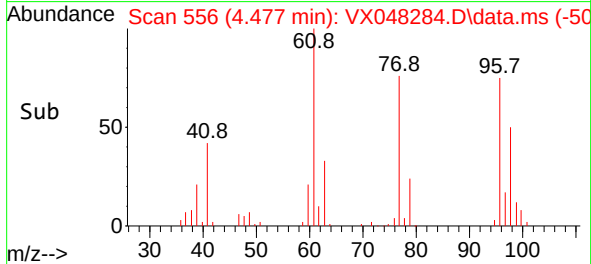
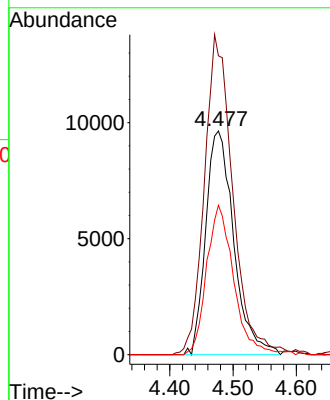
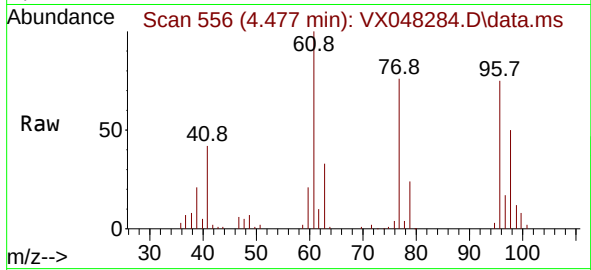
Tgt Ion: 96 Resp: 29677

Ion Ratio Lower Upper

96 100

61 144.8 0.0 294.2

98 64.7 0.0 128.4



#28

Bromochloromethane

Concen: 18.473 ug/l

RT: 4.885 min Scan# 623

Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

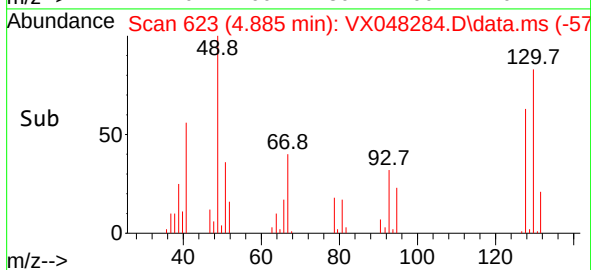
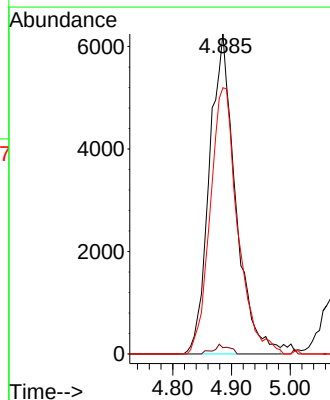
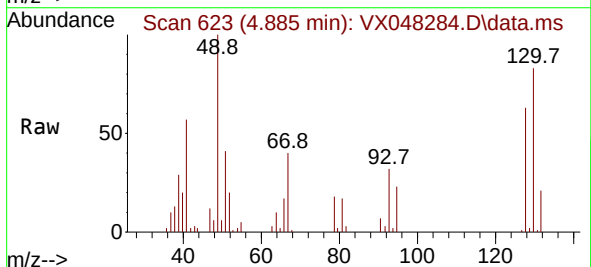
Tgt Ion: 49 Resp: 19339

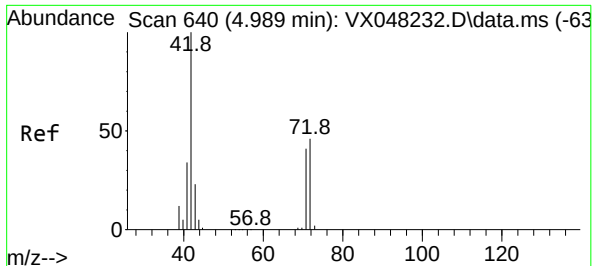
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.4

130 87.3 59.3 88.9





#29

Tetrahydrofuran

Concen: 88.463 ug/l

RT: 4.983 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD01

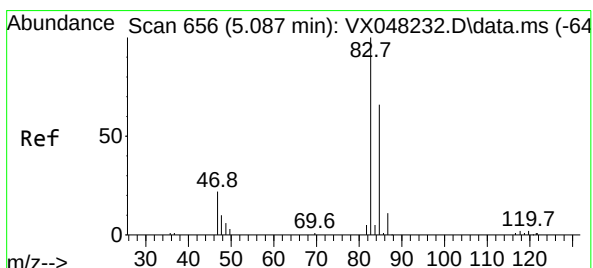
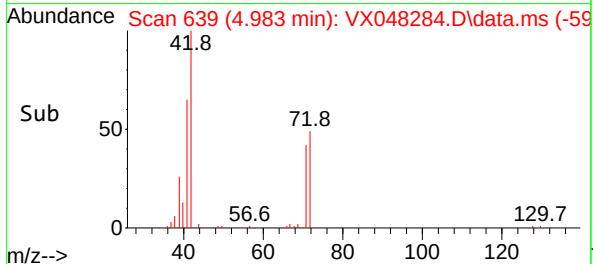
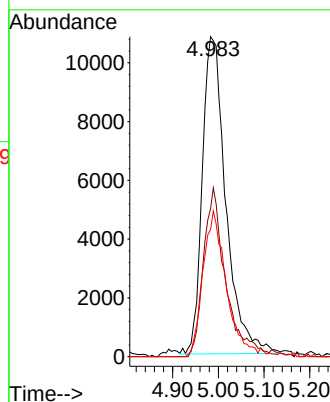
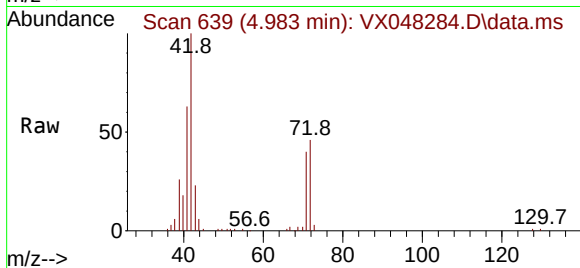
Tgt Ion: 42 Resp: 38740

Ion Ratio Lower Upper

42 100

72 49.8 35.3 52.9

71 45.0 32.2 48.4



#30

Chloroform

Concen: 19.165 ug/l

RT: 5.074 min Scan# 654

Delta R.T. -0.006 min

Lab File: VX048284.D

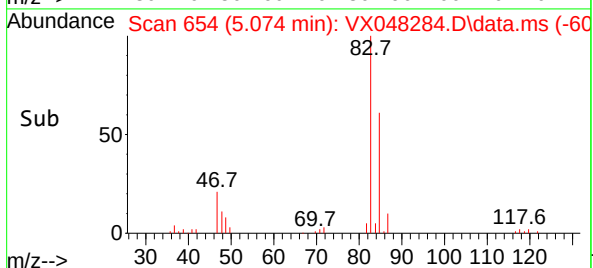
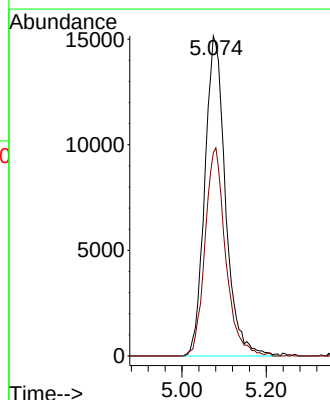
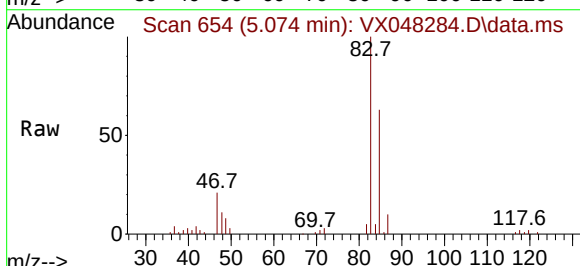
Acq: 22 Oct 2025 10:18

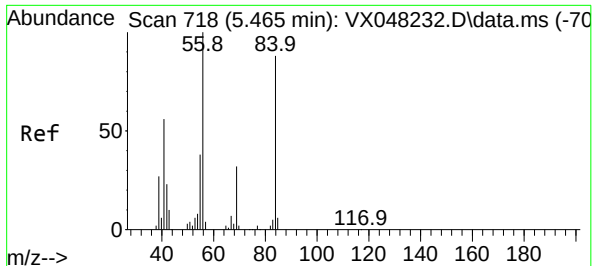
Tgt Ion: 83 Resp: 51696

Ion Ratio Lower Upper

83 100

85 63.5 50.1 75.1

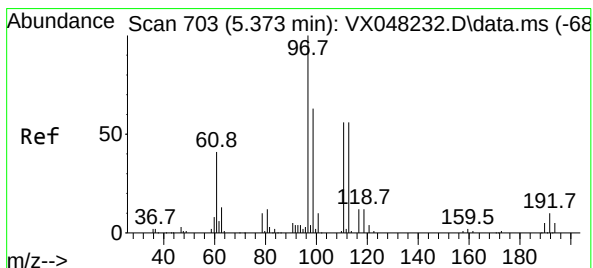
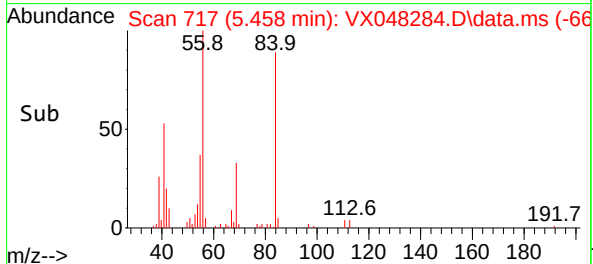
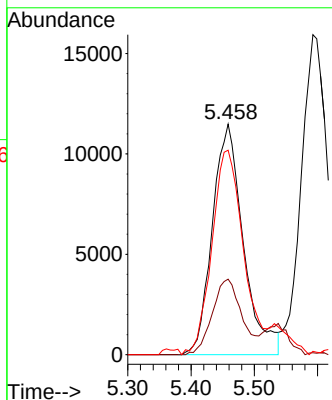
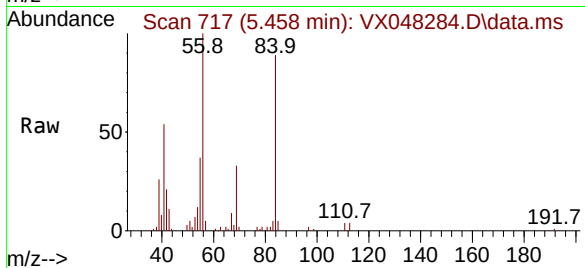




#31
Cyclohexane
Concen: 18.651 ug/l
RT: 5.458 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

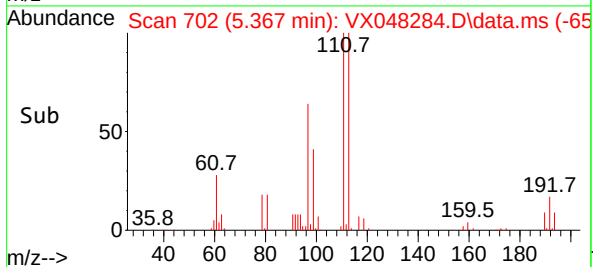
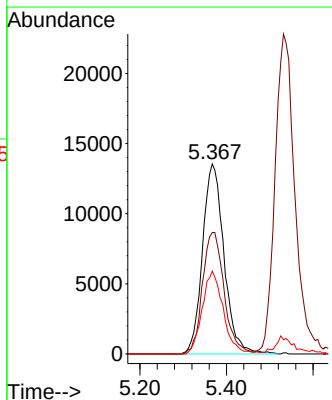
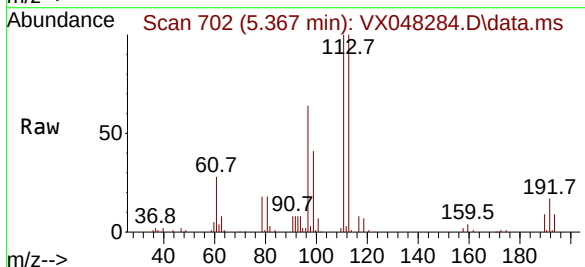
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

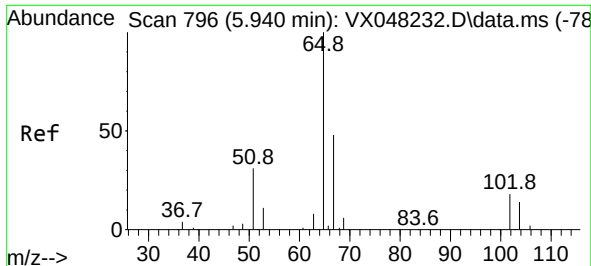
Tgt Ion: 56 Resp: 38986
Ion Ratio Lower Upper
56 100
69 32.7 23.0 34.6
84 86.3 64.6 97.0



#32
1,1,1-Trichloroethane
Concen: 18.802 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 97 Resp: 46741
Ion Ratio Lower Upper
97 100
99 64.4 51.7 77.5
61 42.4 34.8 52.2

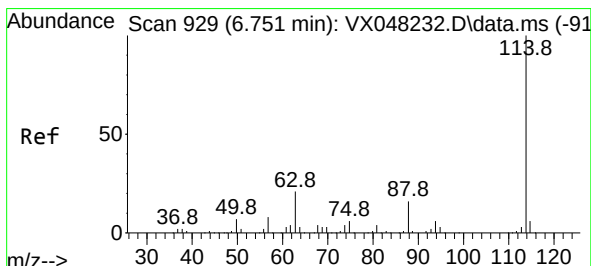
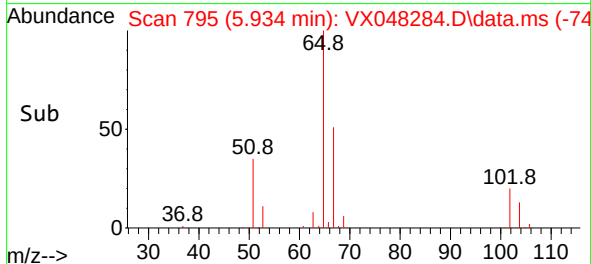
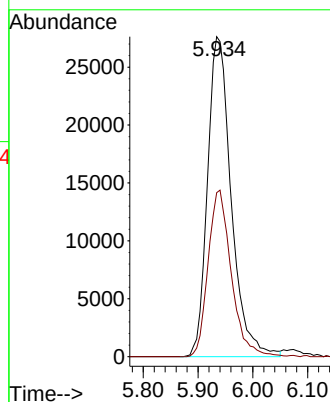
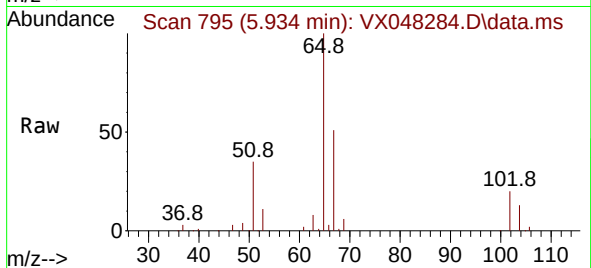




#33
 1,2-Dichloroethane-d4
 Concen: 49.283 ug/l
 RT: 5.934 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: VX048284.D
 Acq: 22 Oct 2025 10:18

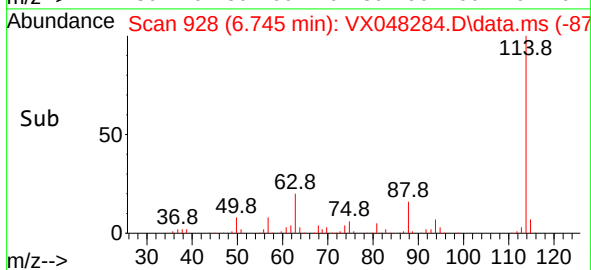
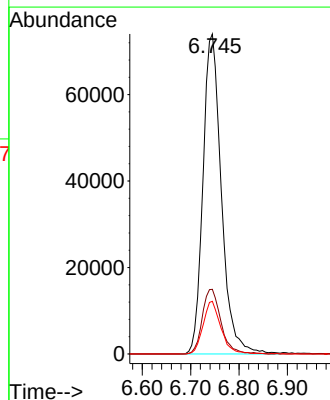
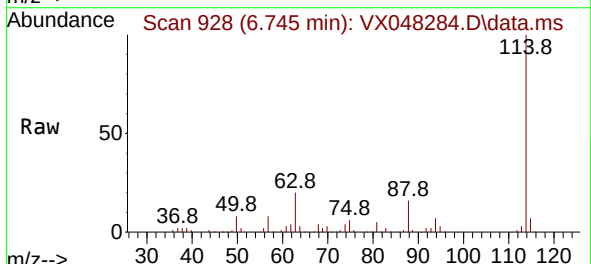
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBSD01

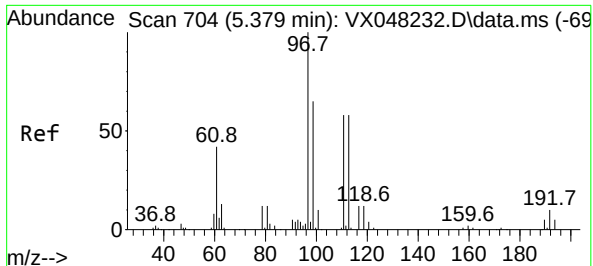
Tgt Ion: 65 Resp: 82990
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 928
 Delta R.T. -0.000 min
 Lab File: VX048284.D
 Acq: 22 Oct 2025 10:18

Tgt Ion: 114 Resp: 195961
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 43.2
 88 16.5 0.0 33.6

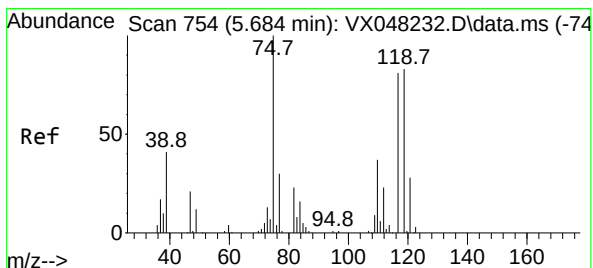
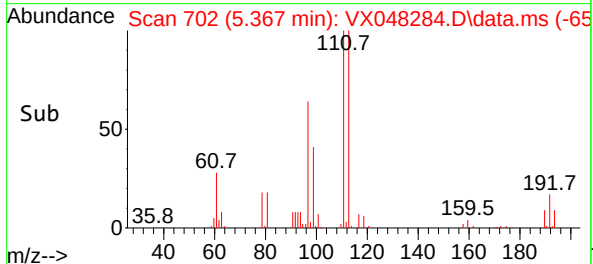
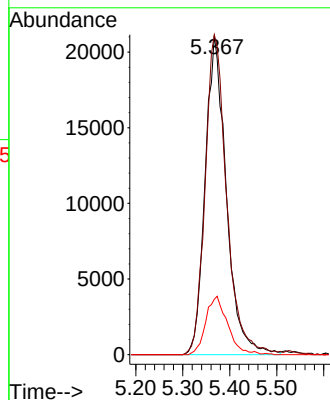
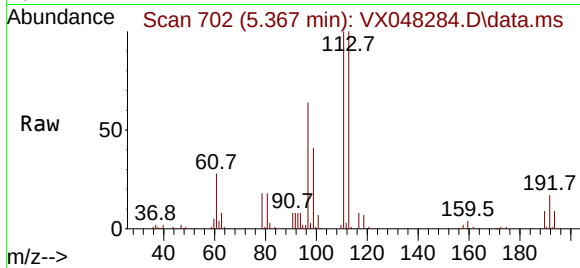




#35
Dibromofluoromethane
Concen: 49.295 ug/l
RT: 5.367 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

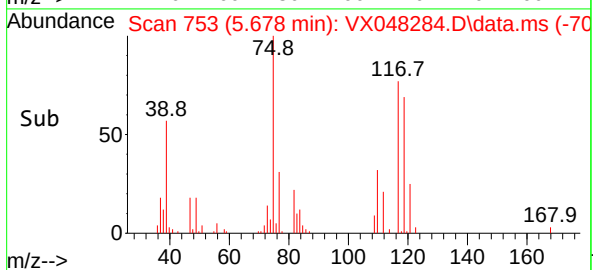
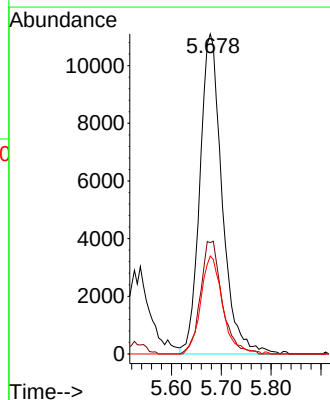
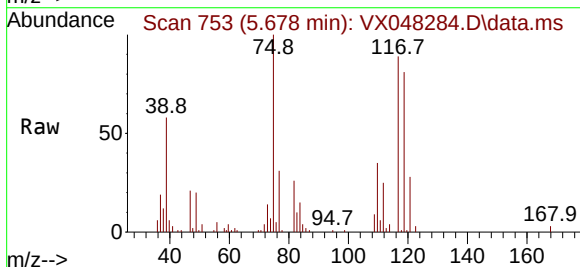
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

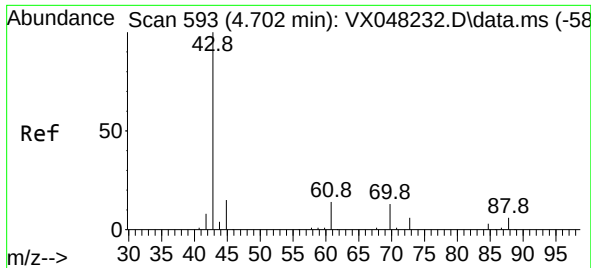
Tgt Ion:113 Resp: 65947
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 18.9 15.1 22.7



#36
1,1-Dichloropropene
Concen: 18.089 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 75 Resp: 34395
Ion Ratio Lower Upper
75 100
110 34.2 17.7 53.1
77 30.1 24.3 36.5





#37

Ethyl Acetate

Concen: 16.828 ug/l

RT: 4.696 min Scan# 592

Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Instrument :

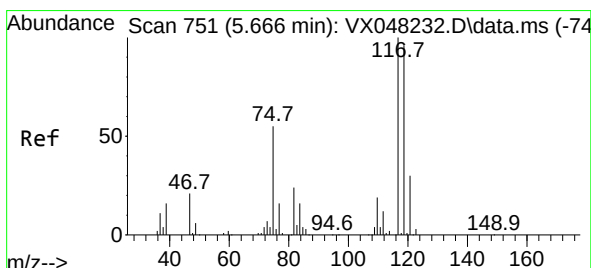
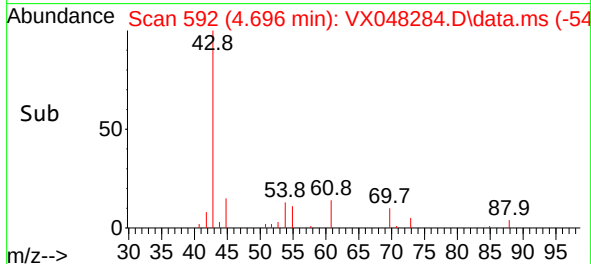
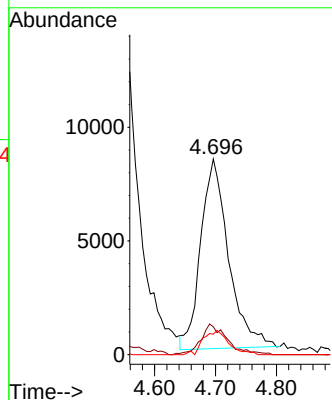
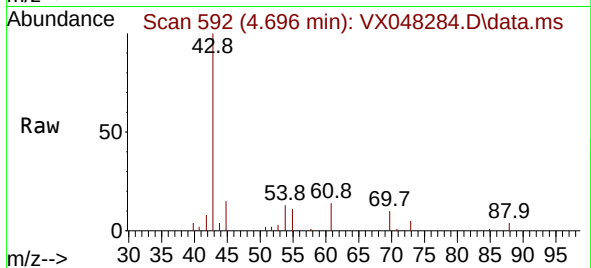
MSVOA_X

ClientSampleId :

VX1022WBSD01

Tgt Ion: 43 Resp: 26522

Ion	Ratio	Lower	Upper
43	100		
61	15.4	10.6	15.8
70	11.7	7.8	11.6



#38

Carbon Tetrachloride

Concen: 18.252 ug/l

RT: 5.666 min Scan# 751

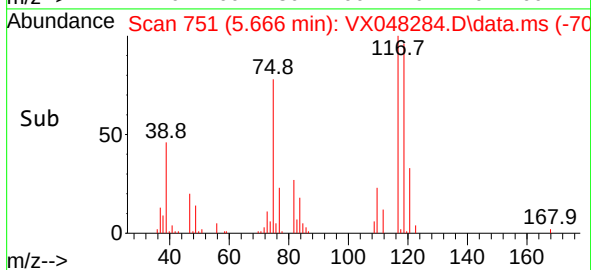
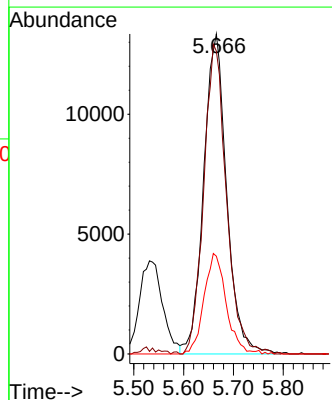
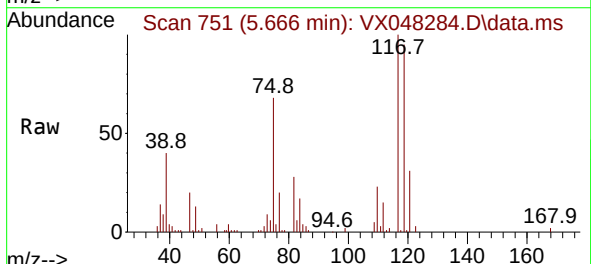
Delta R.T. 0.000 min

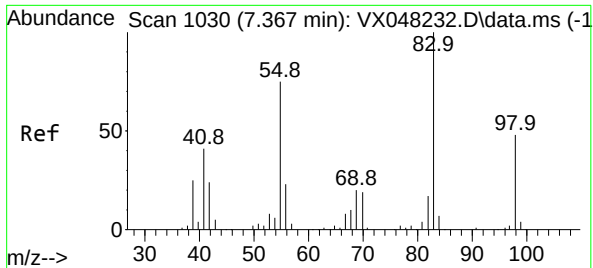
Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Tgt Ion: 117 Resp: 42819

Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.2	115.8
121	30.5	24.8	37.2

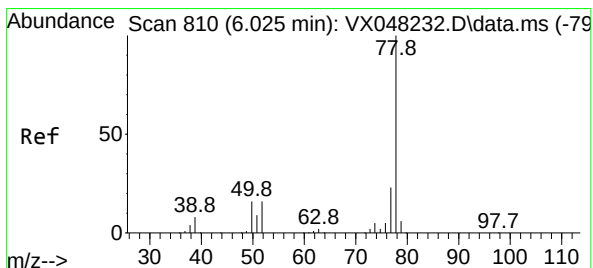
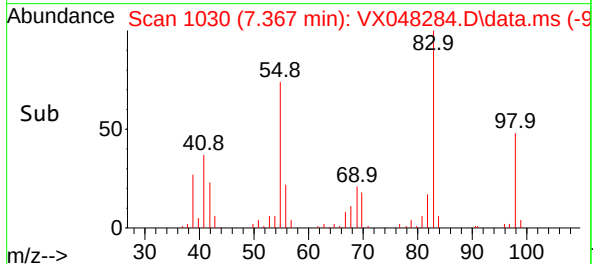
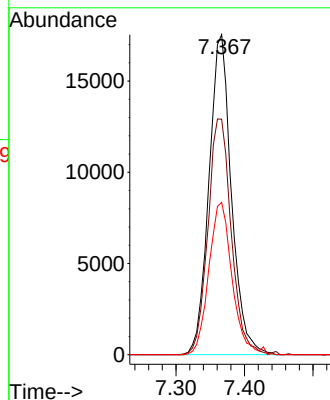
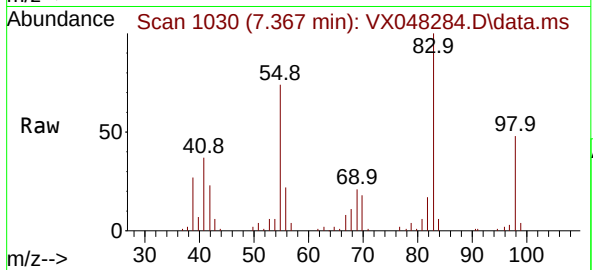




#39
Methylcyclohexane
Concen: 17.817 ug/l
RT: 7.367 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

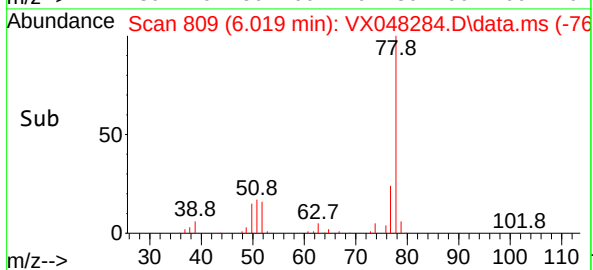
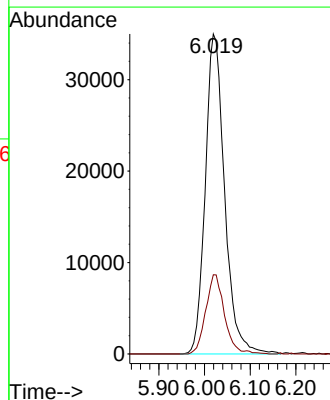
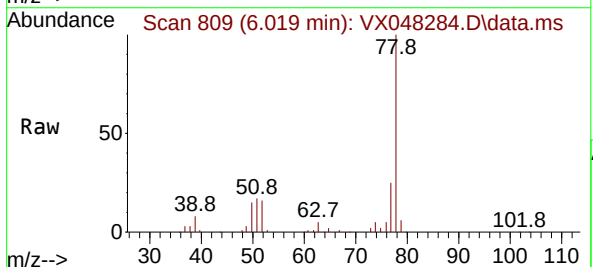
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

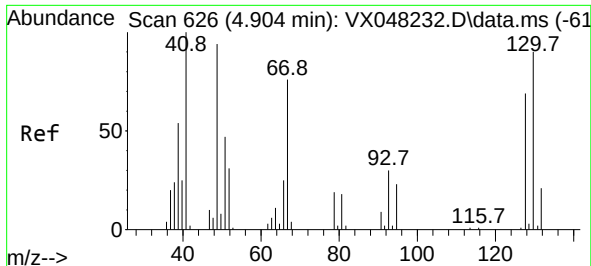
Tgt Ion: 83 Resp: 40011
Ion Ratio Lower Upper
83 100
55 73.6 66.2 99.2
98 47.6 38.9 58.3



#40
Benzene
Concen: 18.608 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 78 Resp: 102728
Ion Ratio Lower Upper
78 100
77 24.7 19.3 28.9

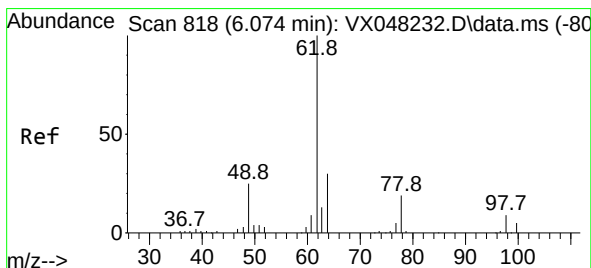
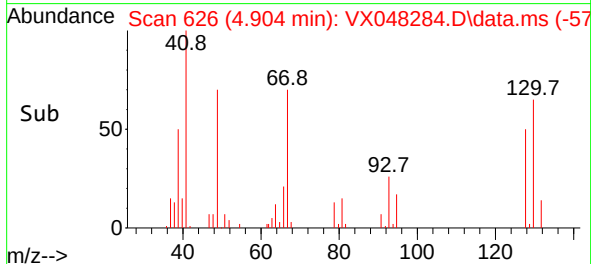
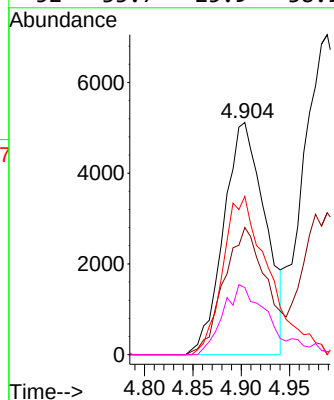
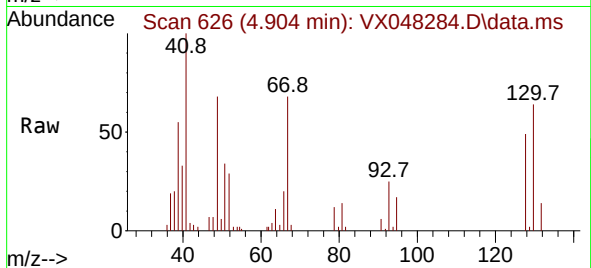




#41
Methacrylonitrile
Concen: 18.516 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

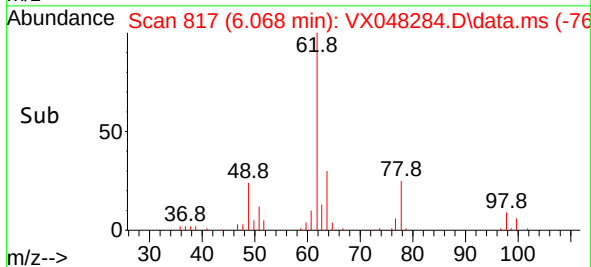
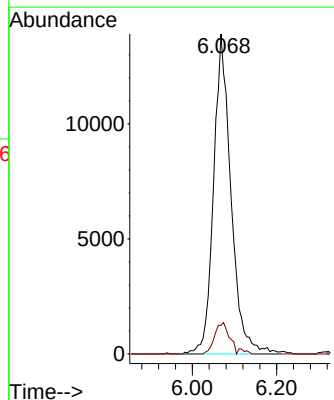
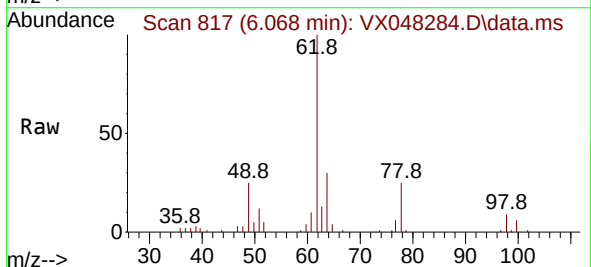
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

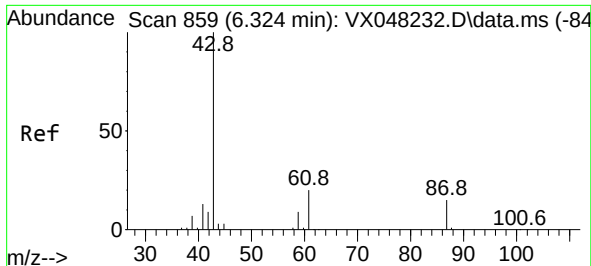
Tgt Ion: 41 Resp: 15325
Ion Ratio Lower Upper
41 100
39 57.1 44.0 66.0
67 75.6 58.7 88.1
52 33.7 25.9 38.9



#42
1,2-Dichloroethane
Concen: 19.615 ug/l
RT: 6.068 min Scan# 817
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 62 Resp: 39959
Ion Ratio Lower Upper
62 100
98 8.6 0.0 17.2

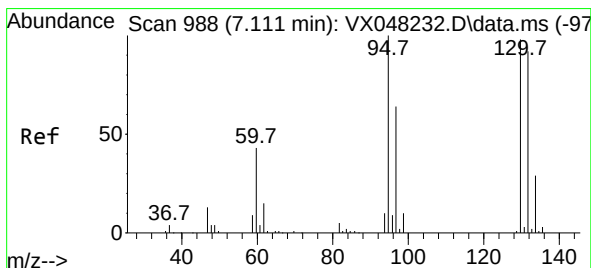
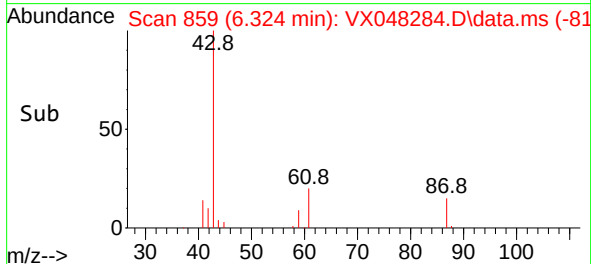
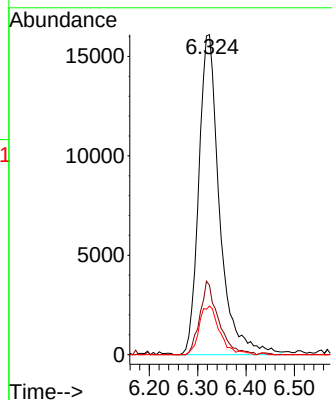
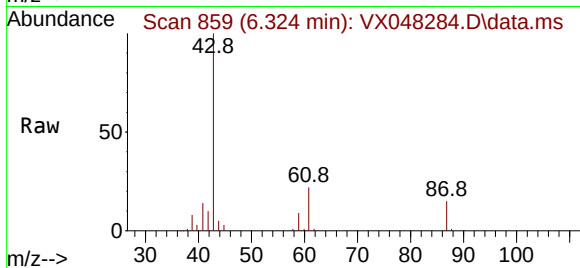




#43
Isopropyl Acetate
Concen: 18.537 ug/l
RT: 6.324 min Scan# 859
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

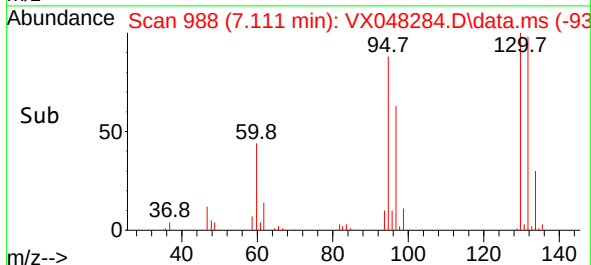
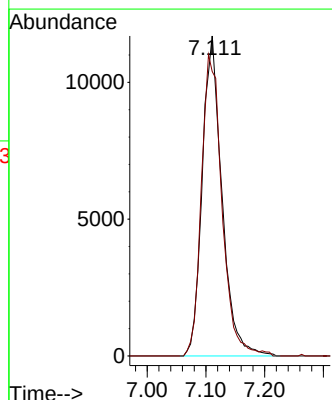
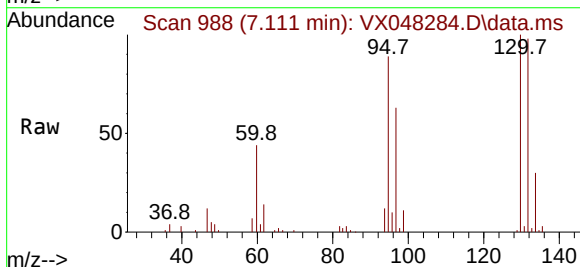
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

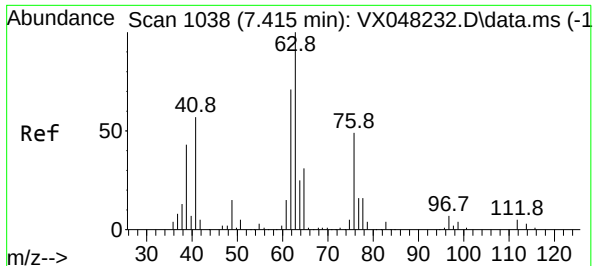
Tgt Ion: 43 Resp: 47991
Ion Ratio Lower Upper
43 100
61 20.5 14.9 22.3
87 15.0 9.4 14.2#



#44
Trichloroethene
Concen: 18.759 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:130 Resp: 27345
Ion Ratio Lower Upper
130 100
95 88.9 0.0 200.6





#45

1,2-Dichloropropane

Concen: 19.317 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

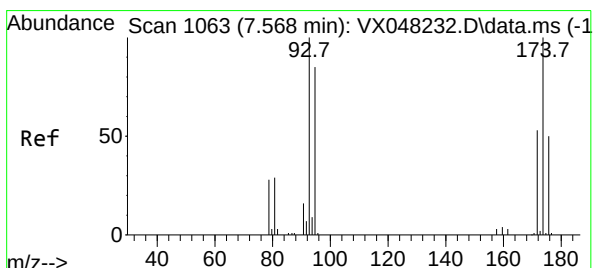
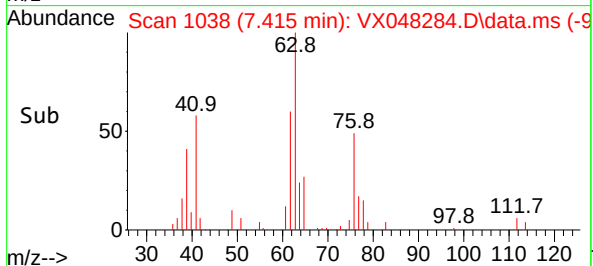
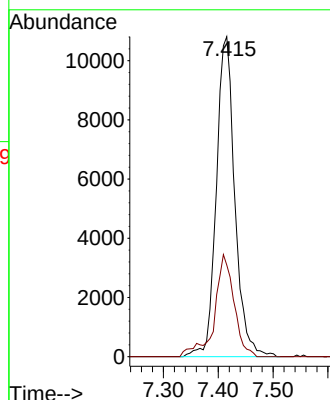
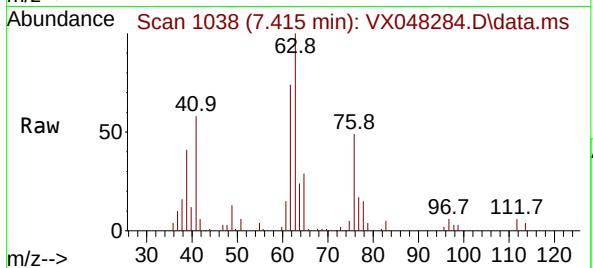
VX1022WBSD01

Tgt Ion: 63 Resp: 25354

Ion Ratio Lower Upper

63 100

65 28.6 24.1 36.1



#46

Dibromomethane

Concen: 19.710 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

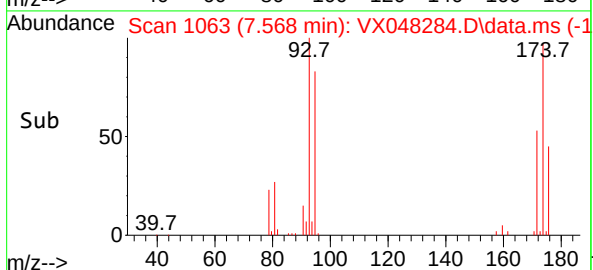
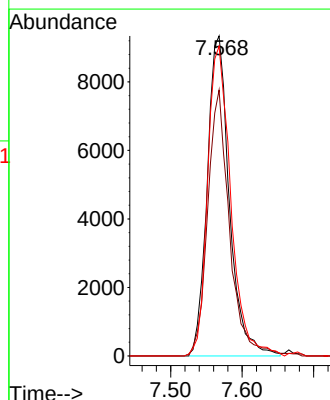
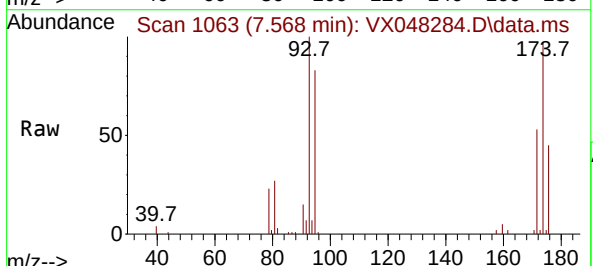
Tgt Ion: 93 Resp: 20155

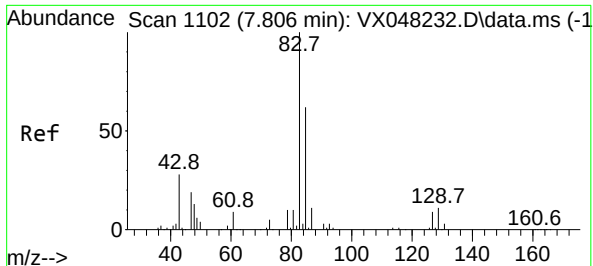
Ion Ratio Lower Upper

93 100

95 81.7 65.9 98.9

174 101.1 71.7 107.5

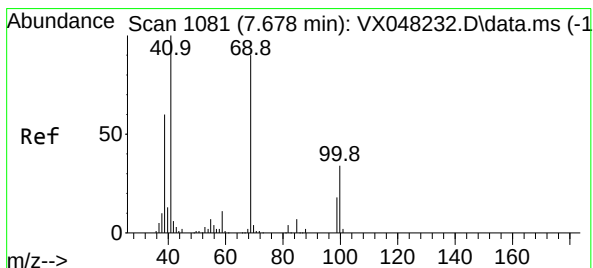
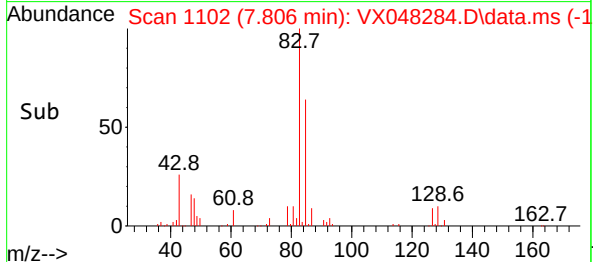
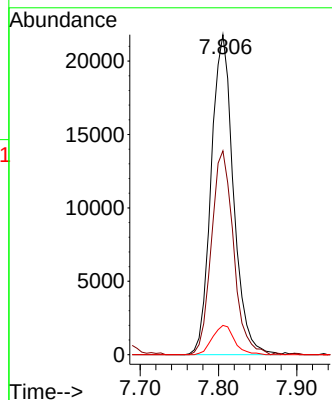
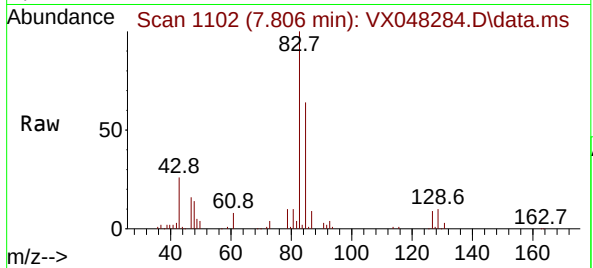




#47
Bromodichloromethane
Concen: 19.480 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

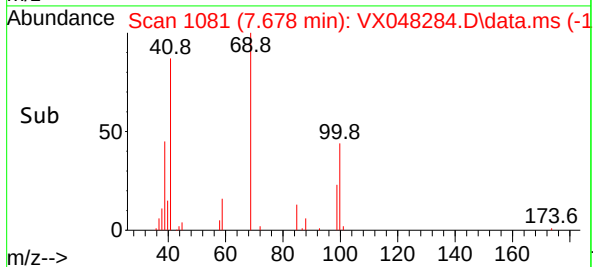
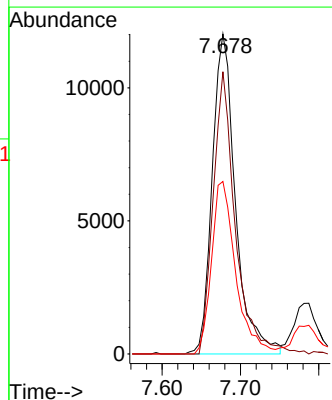
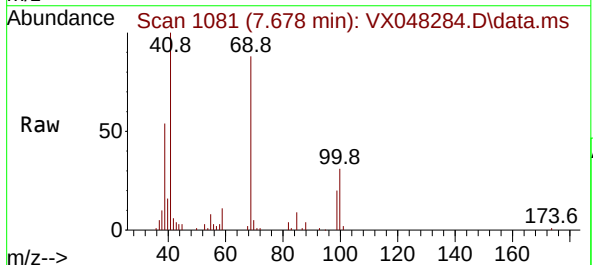
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

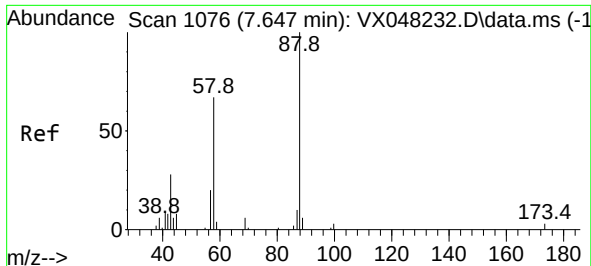
Tgt Ion: 83 Resp: 43009
Ion Ratio Lower Upper
83 100
85 62.4 52.2 78.4
127 9.0 7.3 10.9



#48
Methyl methacrylate
Concen: 18.959 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 41 Resp: 24768
Ion Ratio Lower Upper
41 100
69 84.3 63.4 95.0
39 56.1 47.1 70.7





#49

1,4-Dioxane

Concen: 397.302 ug/l

RT: 7.647 min Scan# 1076

Delta R.T. 0.006 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD01

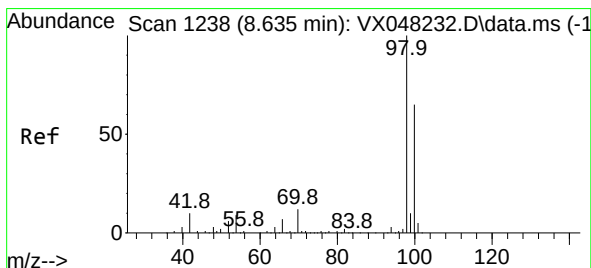
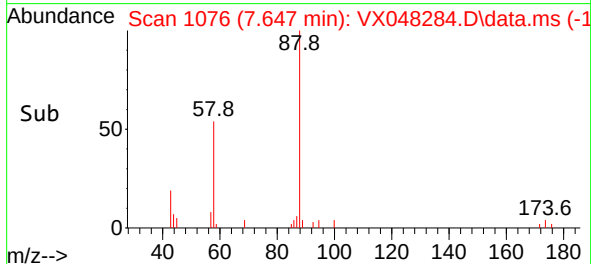
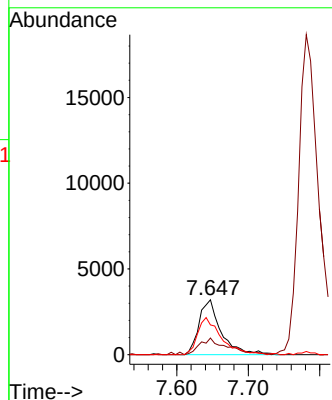
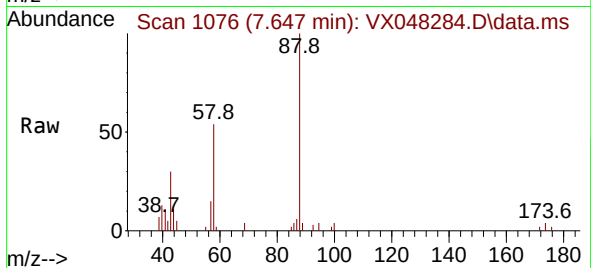
Tgt Ion: 88 Resp: 6857

Ion Ratio Lower Upper

88 100

43 37.5 35.0 52.4

58 72.0 61.9 92.9



#50

Toluene-d8

Concen: 49.207 ug/l

RT: 8.629 min Scan# 1237

Delta R.T. -0.006 min

Lab File: VX048284.D

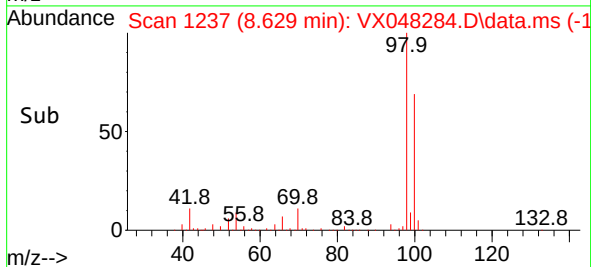
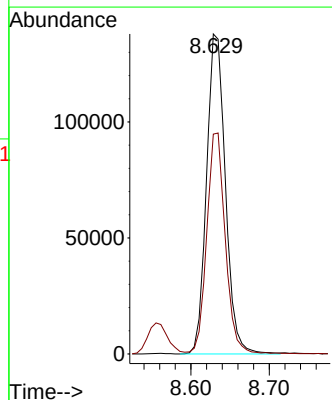
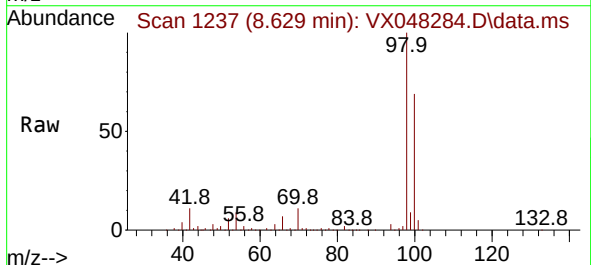
Acq: 22 Oct 2025 10:18

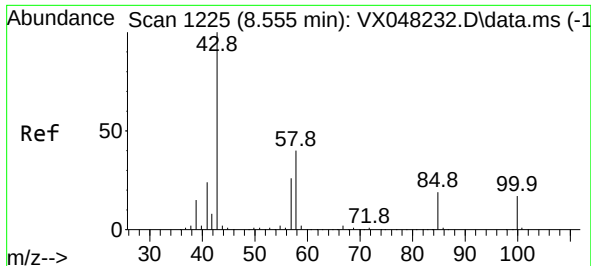
Tgt Ion: 98 Resp: 230741

Ion Ratio Lower Upper

98 100

100 67.8 53.0 79.4

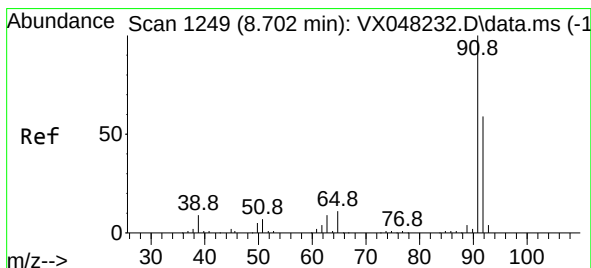
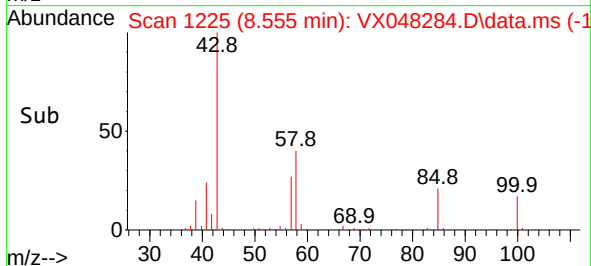
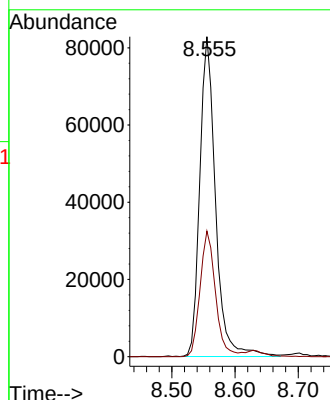
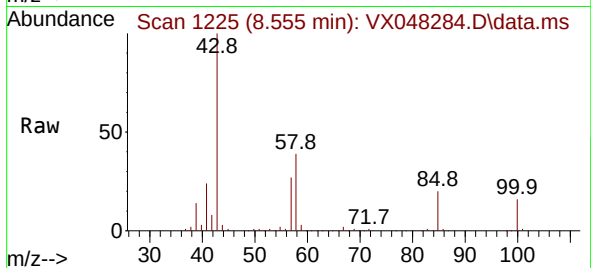




#51
4-Methyl-2-Pentanone
Concen: 96.190 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

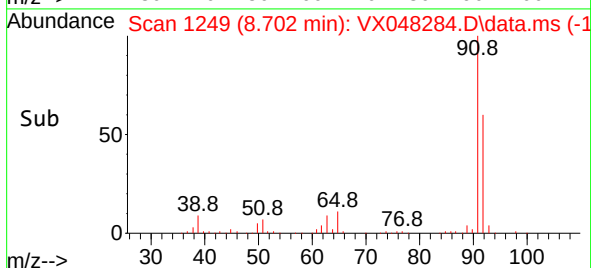
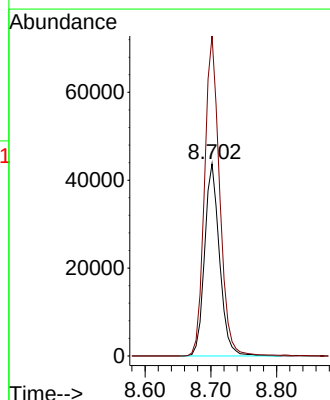
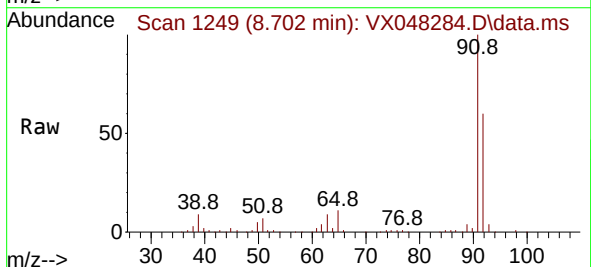
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

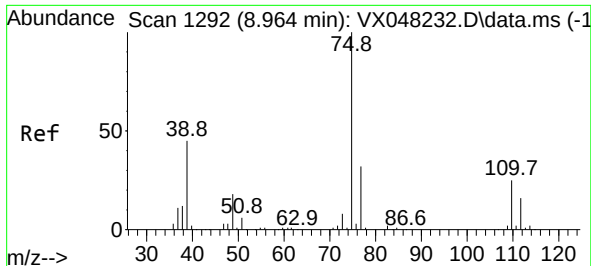
Tgt Ion: 43 Resp: 143580
Ion Ratio Lower Upper
43 100
58 38.3 29.5 44.3



#52
Toluene
Concen: 19.634 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 92 Resp: 68859
Ion Ratio Lower Upper
92 100
91 168.7 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 19.787 ug/l

RT: 8.964 min Scan# 1191

Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

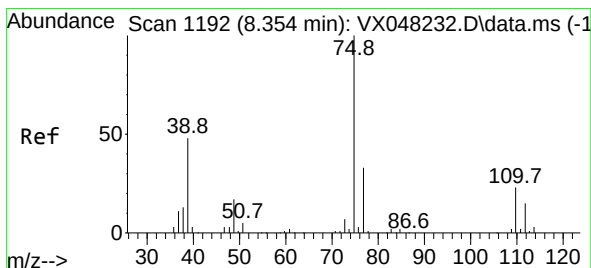
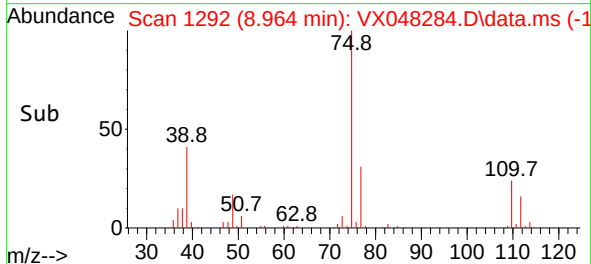
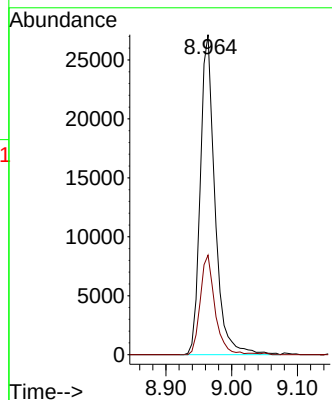
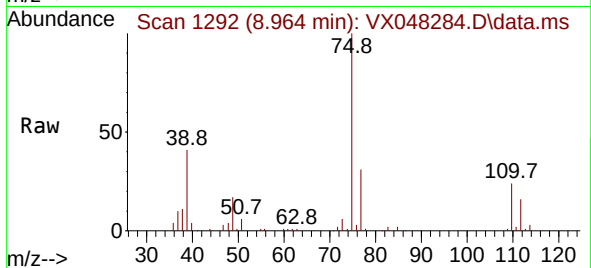
VX1022WBSD01

Tgt Ion: 75 Resp: 42100

Ion Ratio Lower Upper

75 100

77 31.1 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 19.150 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

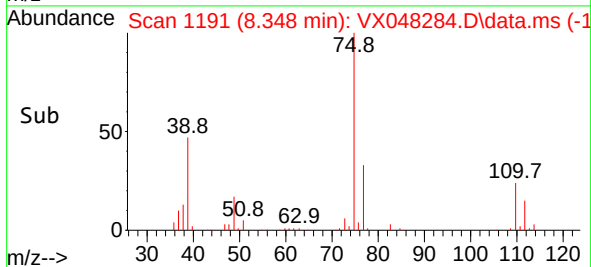
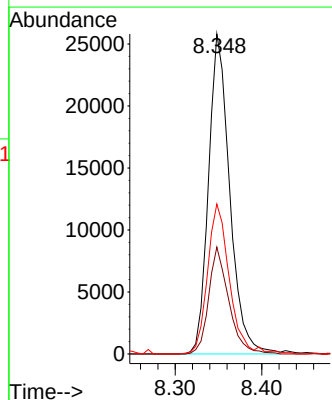
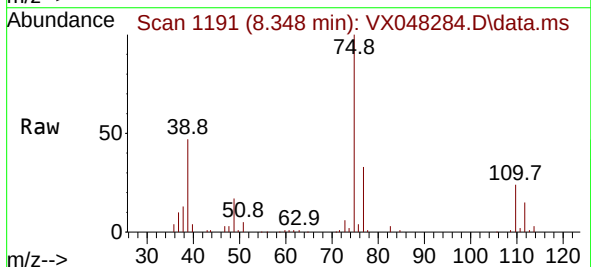
Tgt Ion: 75 Resp: 43961

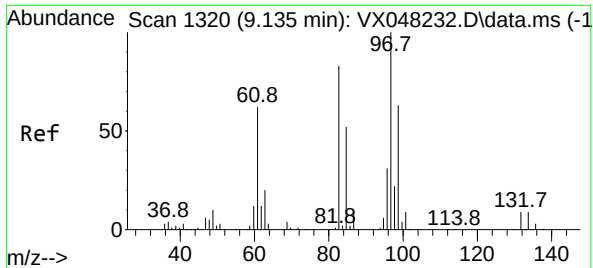
Ion Ratio Lower Upper

75 100

77 33.4 24.9 37.3

39 45.1 42.6 64.0

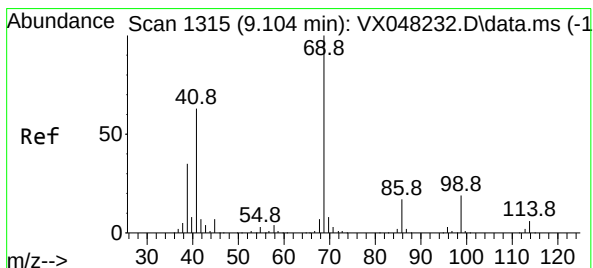
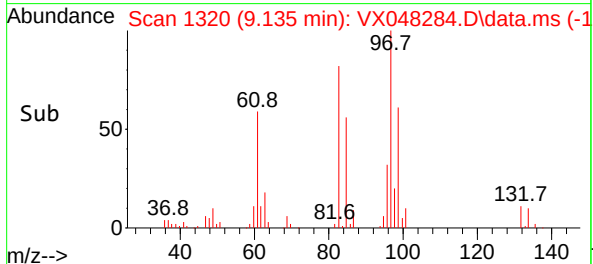
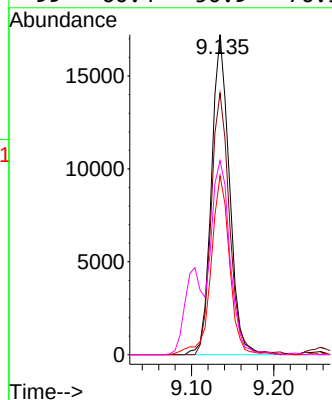
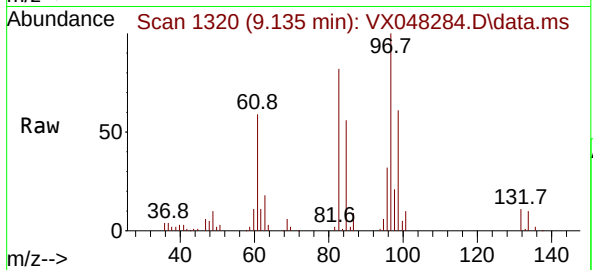




#55
 1,1,2-Trichloroethane
 Concen: 20.033 ug/l
 RT: 9.135 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX048284.D
 Acq: 22 Oct 2025 10:18

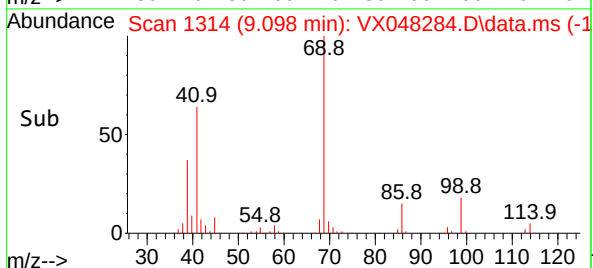
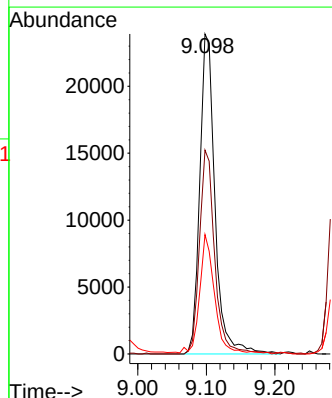
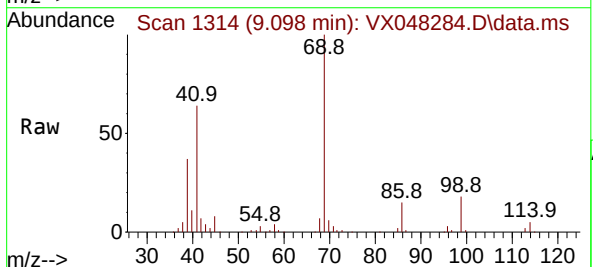
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBSD01

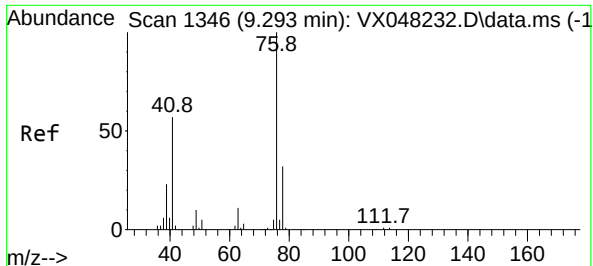
Tgt Ion:	97	Resp:	26128
Ion	Ratio	Lower	Upper
97	100		
83	81.8	70.6	105.8
85	56.0	45.0	67.6
99	60.4	50.9	76.3



#56
 Ethyl methacrylate
 Concen: 19.415 ug/l
 RT: 9.098 min Scan# 1314
 Delta R.T. 0.000 min
 Lab File: VX048284.D
 Acq: 22 Oct 2025 10:18

Tgt Ion:	69	Resp:	37038
Ion	Ratio	Lower	Upper
69	100		
41	64.0	56.0	84.0
39	37.2	31.6	47.4





#57

1,3-Dichloropropane

Concen: 19.965 ug/l

RT: 9.293 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

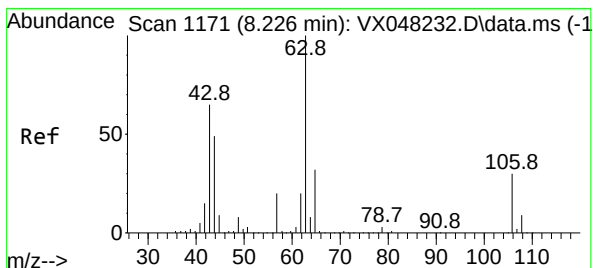
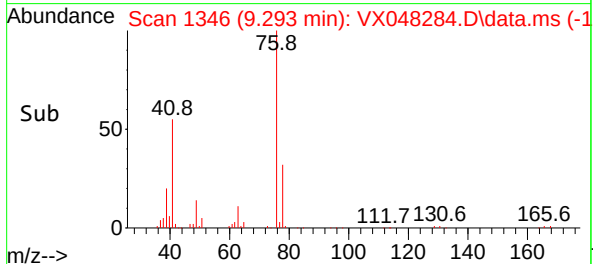
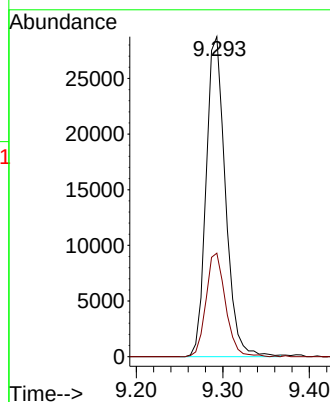
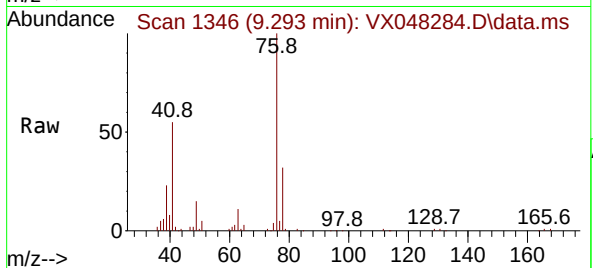
VX1022WBSD01

Tgt Ion: 76 Resp: 44479

Ion Ratio Lower Upper

76 100

78 32.7 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 86.903 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX048284.D

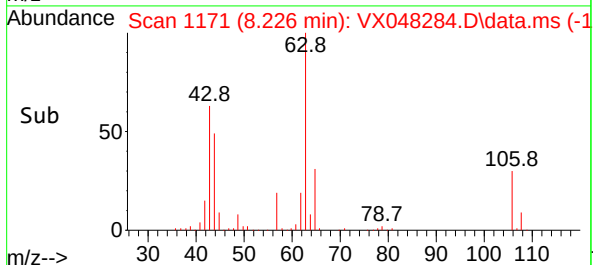
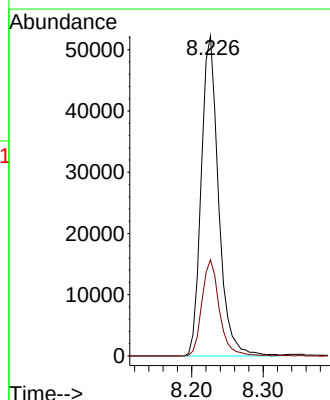
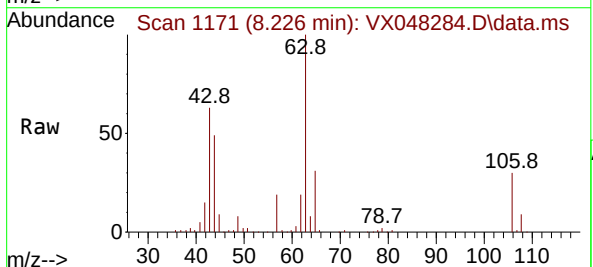
Acq: 22 Oct 2025 10:18

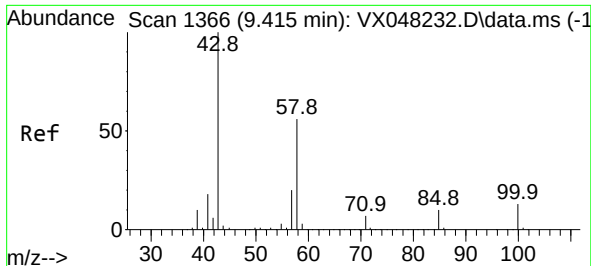
Tgt Ion: 63 Resp: 87997

Ion Ratio Lower Upper

63 100

106 30.2 22.2 33.2

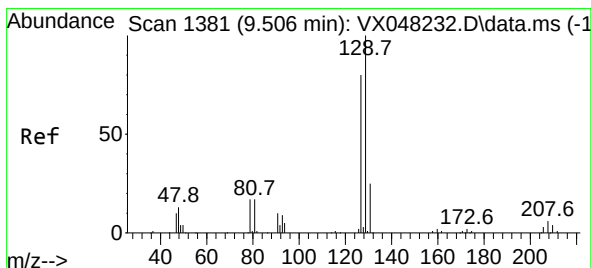
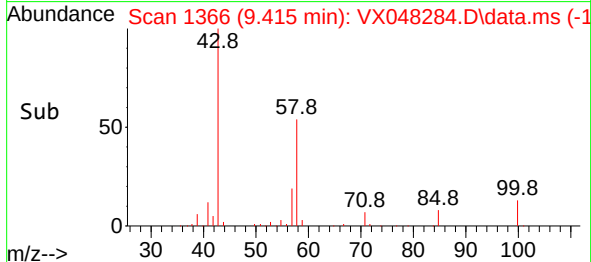
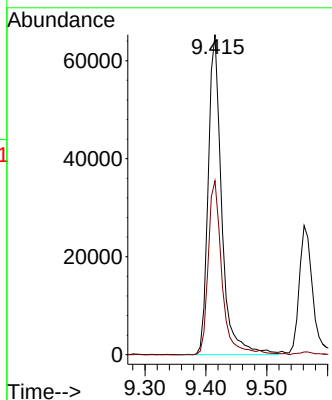
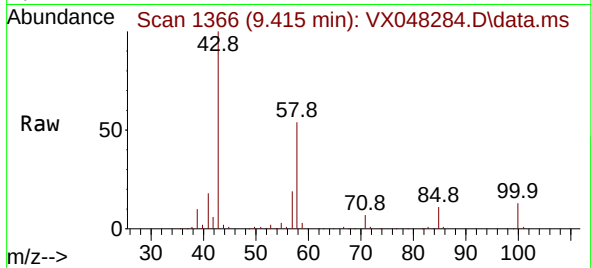




#59
2-Hexanone
Concen: 96.700 ug/l
RT: 9.415 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

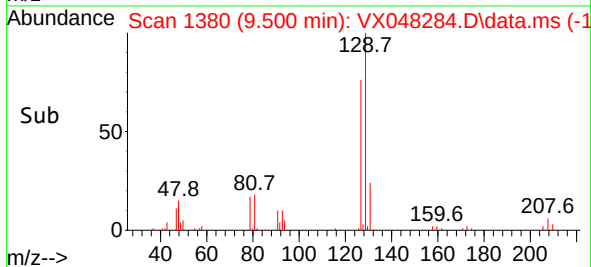
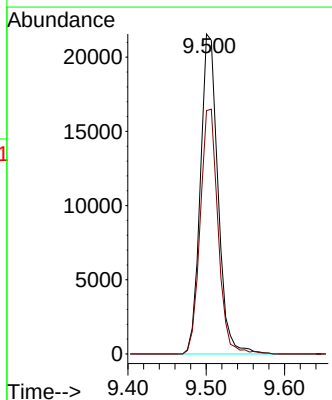
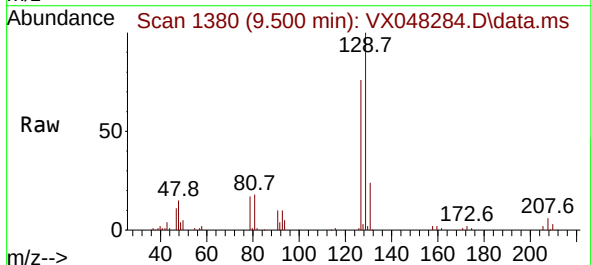
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

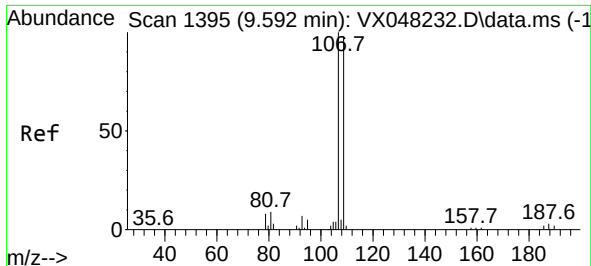
Tgt Ion: 43 Resp: 100647
Ion Ratio Lower Upper
43 100
58 55.4 26.3 78.8



#60
Dibromochloromethane
Concen: 19.161 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 129 Resp: 33589
Ion Ratio Lower Upper
129 100
127 77.5 38.6 115.7

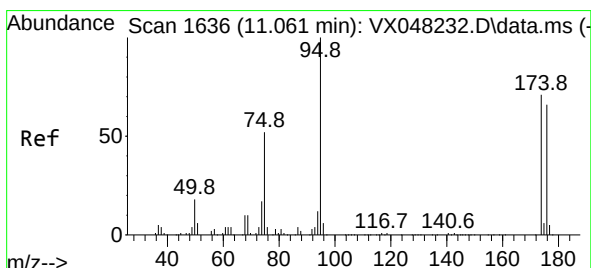
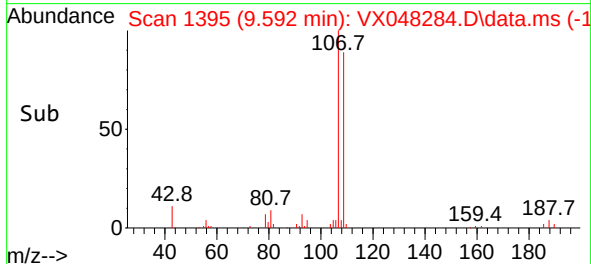
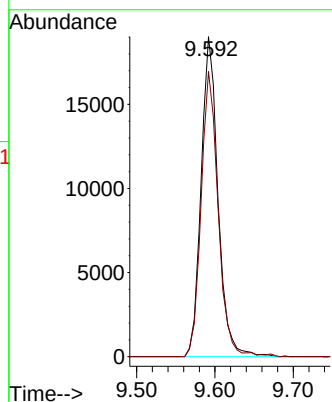
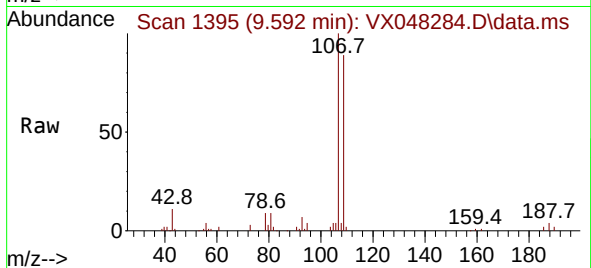




#61
1,2-Dibromoethane
Concen: 20.496 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

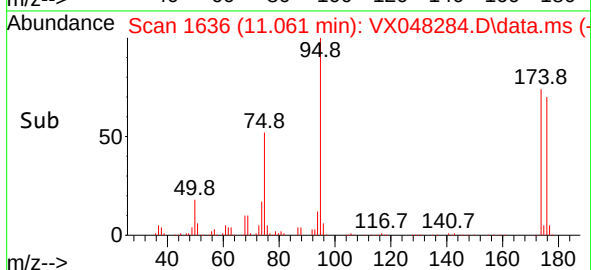
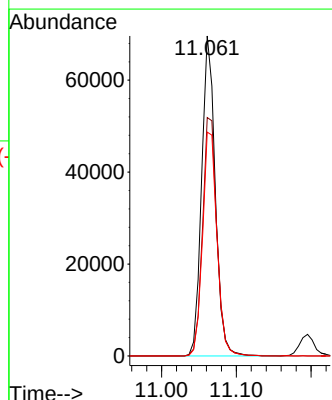
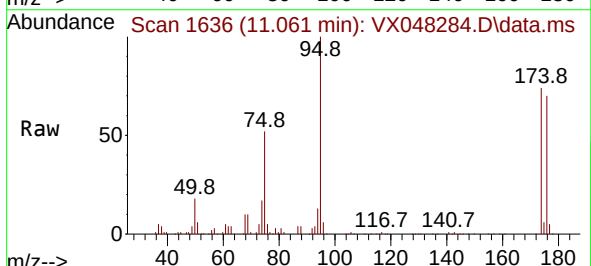
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

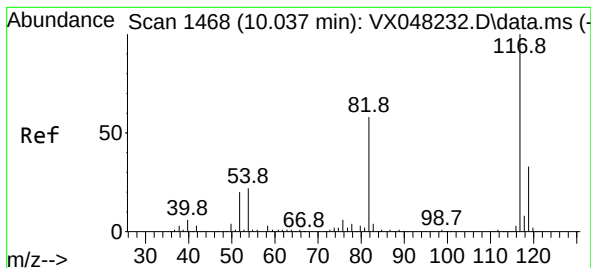
Tgt Ion:107 Resp: 28498
Ion Ratio Lower Upper
107 100
109 89.8 77.0 115.4



#62
4-Bromofluorobenzene
Concen: 49.387 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 95 Resp: 88101
Ion Ratio Lower Upper
95 100
174 78.5 0.0 147.8
176 74.2 0.0 142.8



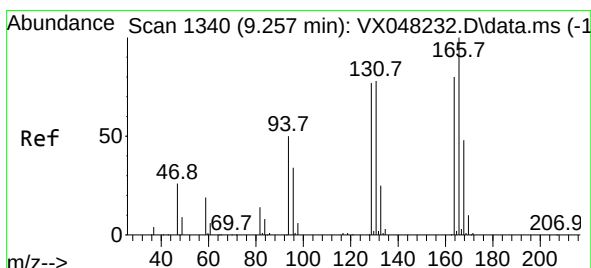
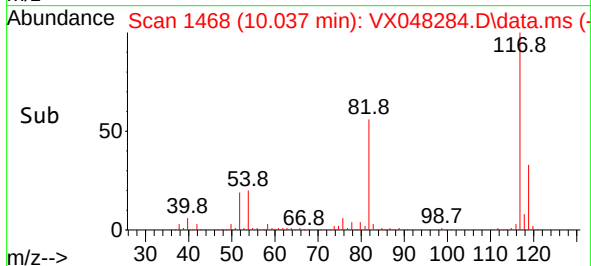
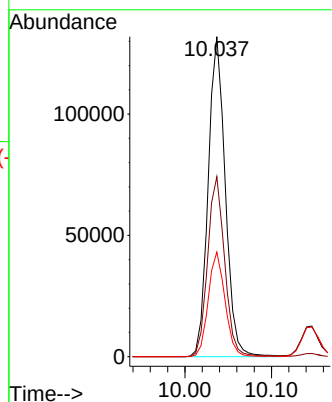
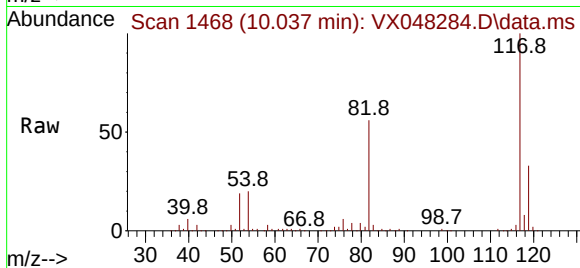


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

Tgt Ion:117 Resp: 180624

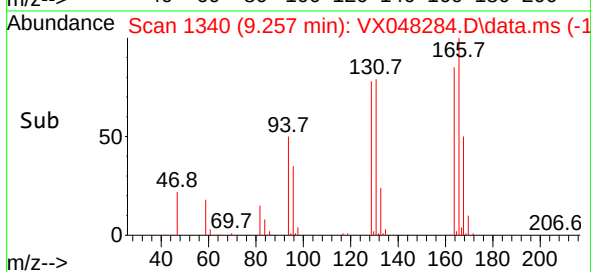
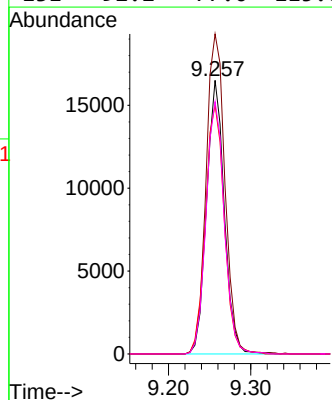
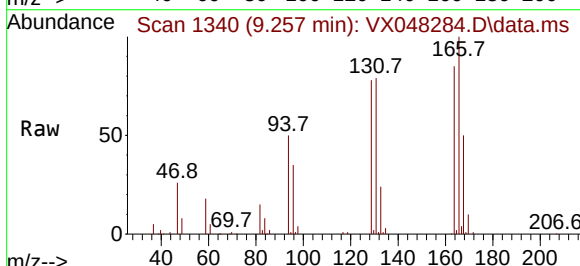
Ion	Ratio	Lower	Upper
117	100		
82	56.3	46.5	69.7
119	32.7	25.9	38.9

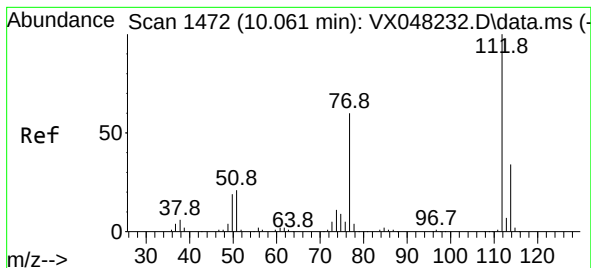


#64
Tetrachloroethene
Concen: 18.287 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:164 Resp: 24658

Ion	Ratio	Lower	Upper
164	100		
166	117.0	104.5	156.7
129	91.0	81.8	122.6
131	92.2	77.0	115.6

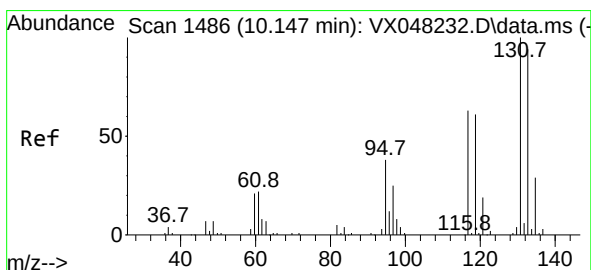
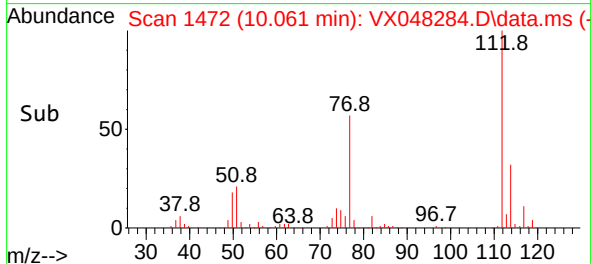
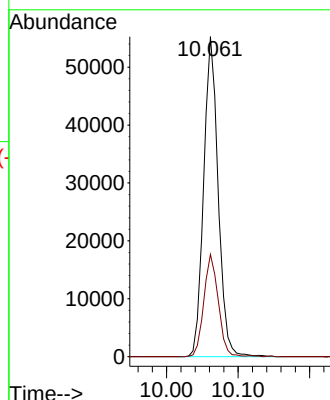
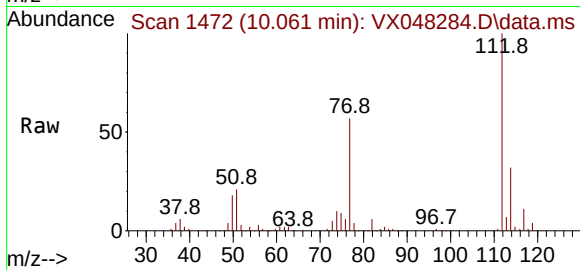




#65
Chlorobenzene
Concen: 19.140 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

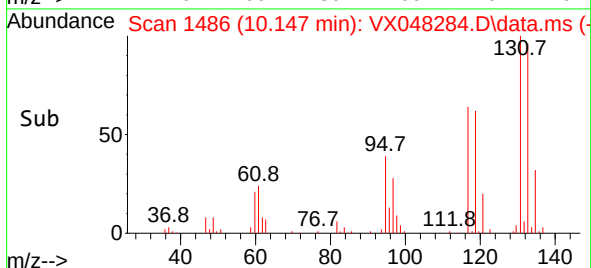
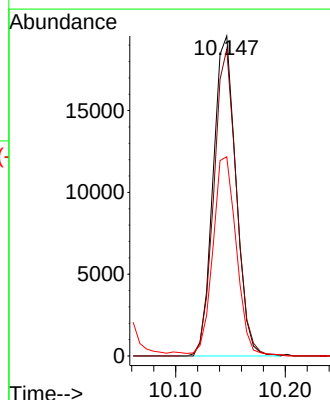
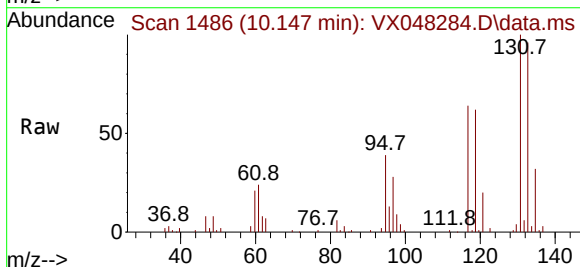
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

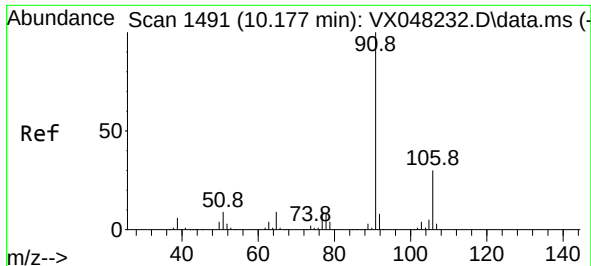
Tgt Ion:112 Resp: 77769
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 18.982 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:131 Resp: 28328
Ion Ratio Lower Upper
131 100
133 94.8 47.6 142.8
119 64.1 32.5 97.5

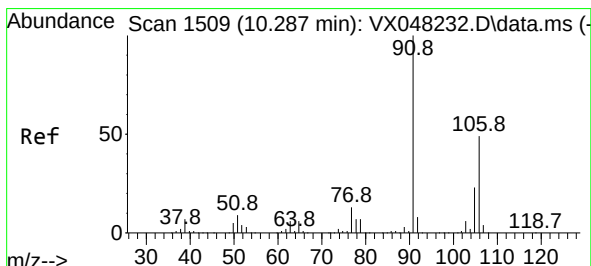
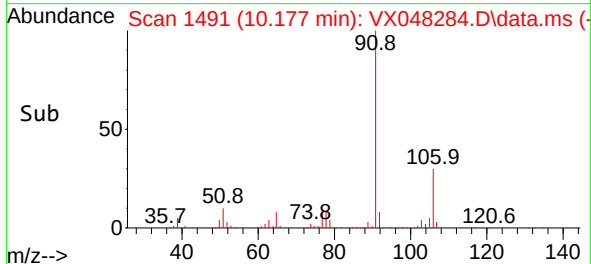
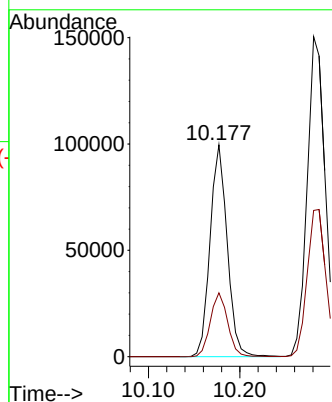
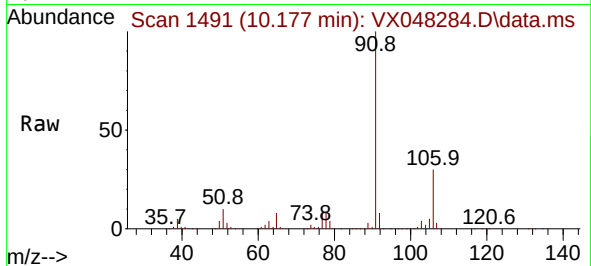




#67
Ethyl Benzene
Concen: 18.749 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

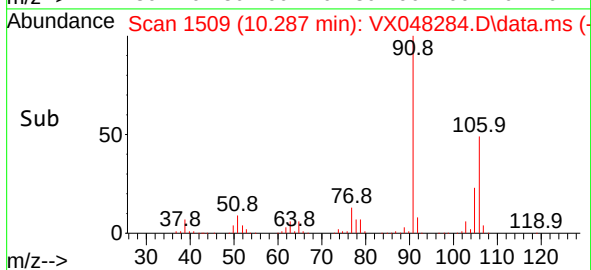
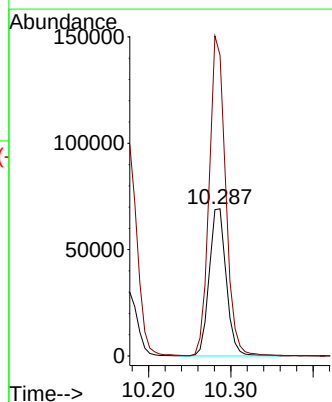
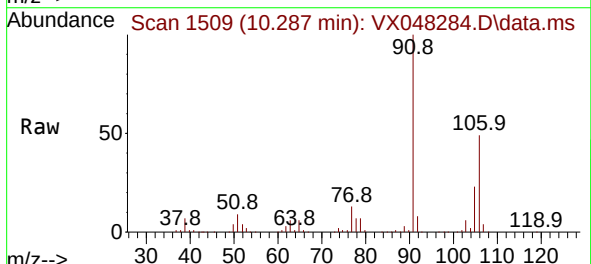
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

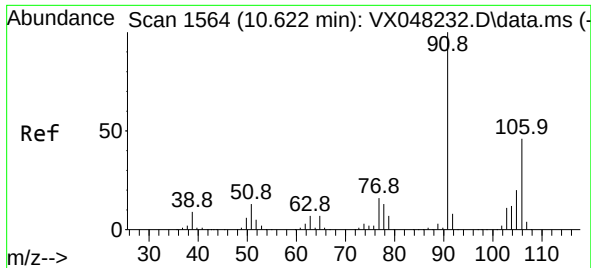
Tgt Ion: 91 Resp: 129701
Ion Ratio Lower Upper
91 100
106 30.2 23.8 35.6



#68
m/p-Xylenes
Concen: 38.899 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:106 Resp: 99982
Ion Ratio Lower Upper
106 100
91 208.7 167.9 251.9

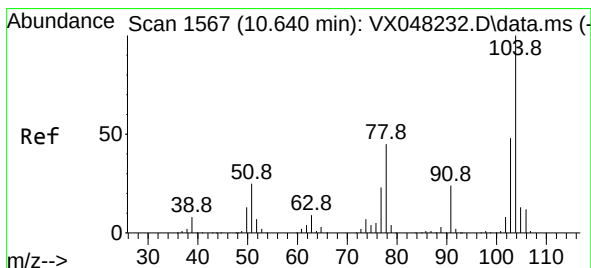
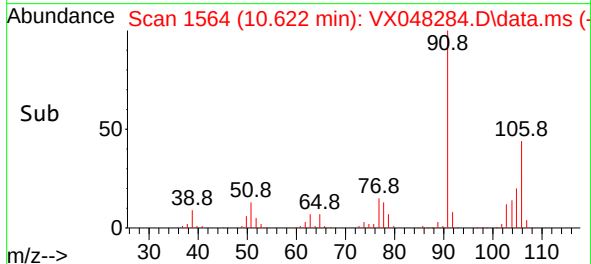
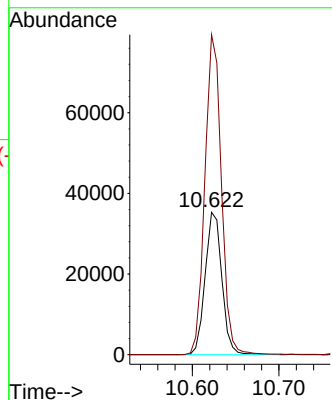
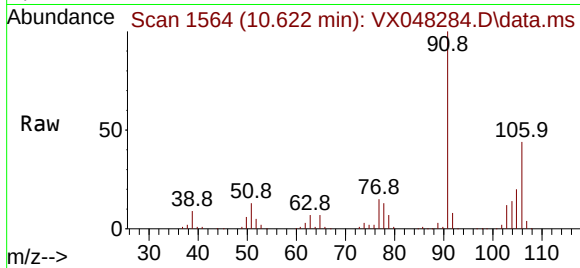




#69
o-Xylene
Concen: 19.068 ug/l
RT: 10.622 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

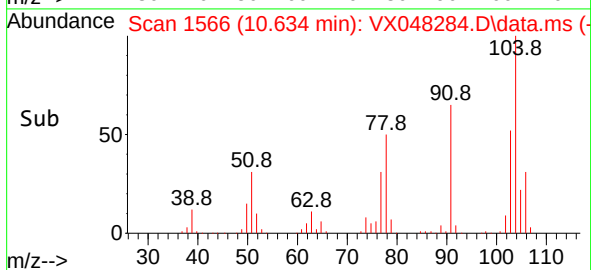
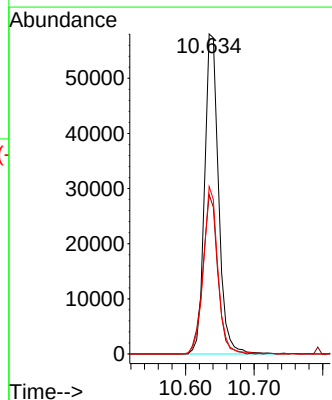
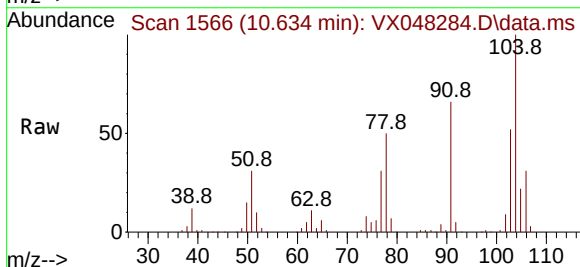
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

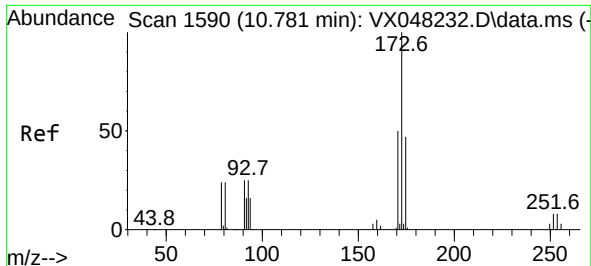
Tgt Ion:106 Resp: 47318
Ion Ratio Lower Upper
106 100
91 222.3 111.3 333.9



#70
Styrene
Concen: 19.558 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:104 Resp: 82638
Ion Ratio Lower Upper
104 100
78 52.7 42.2 63.4
103 54.3 43.0 64.4

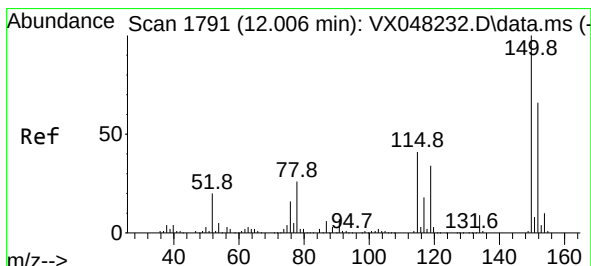
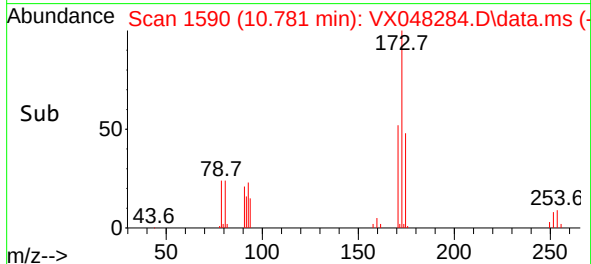
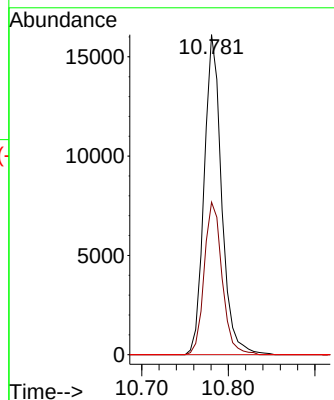
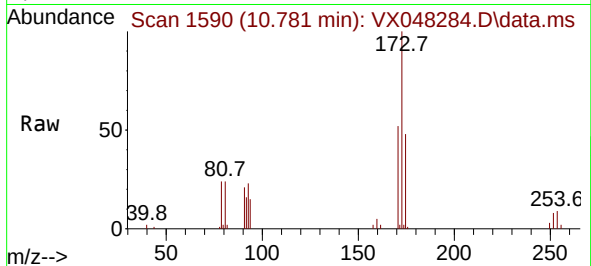




#71
Bromoform
Concen: 18.905 ug/l
RT: 10.781 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

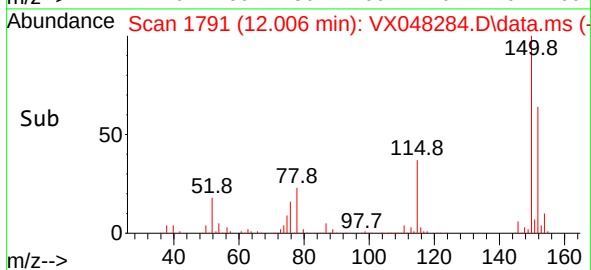
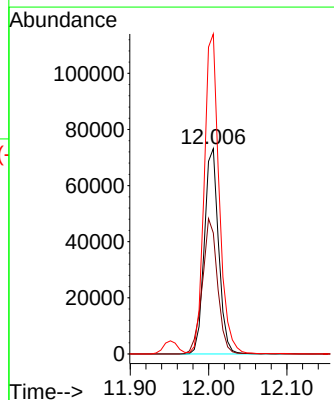
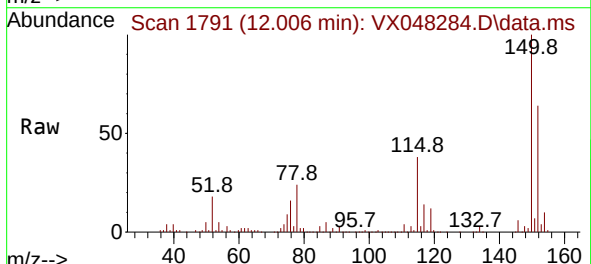
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

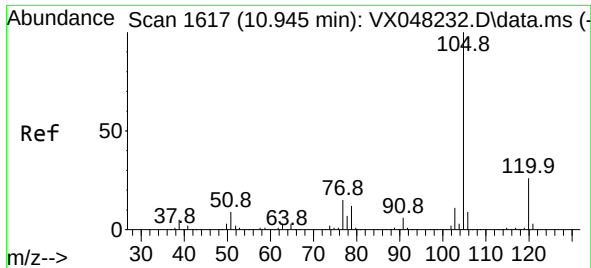
Tgt Ion:173 Resp: 22550
Ion Ratio Lower Upper
173 100
175 48.8 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:152 Resp: 92297
Ion Ratio Lower Upper
152 100
115 70.1 43.1 129.4
150 162.8 0.0 353.0

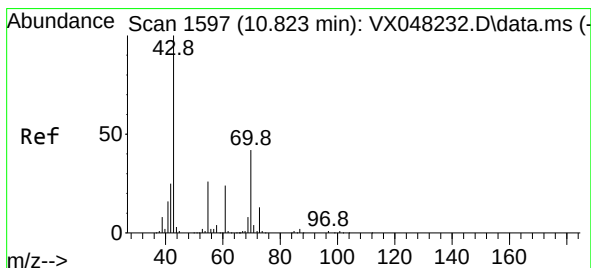
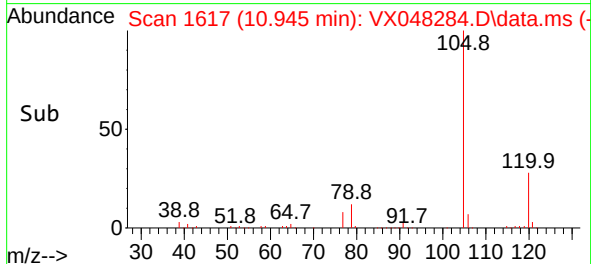
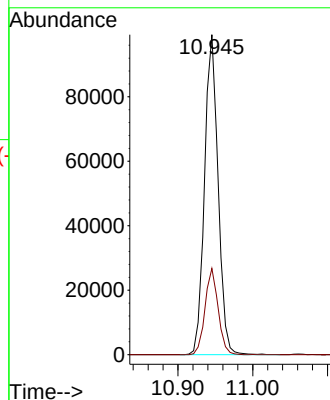
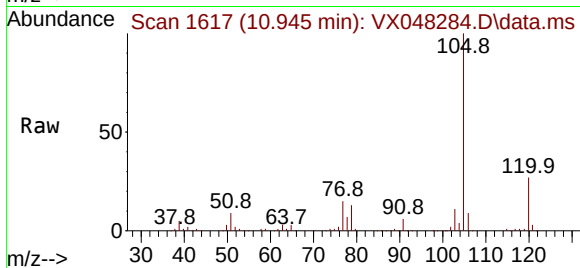




#73
Isopropylbenzene
Concen: 18.532 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

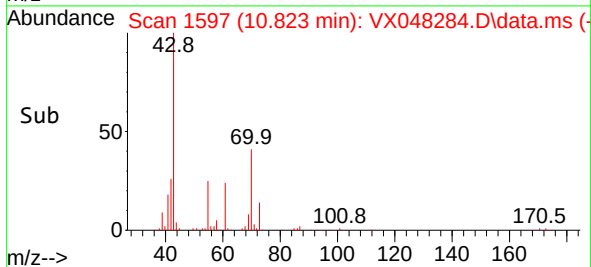
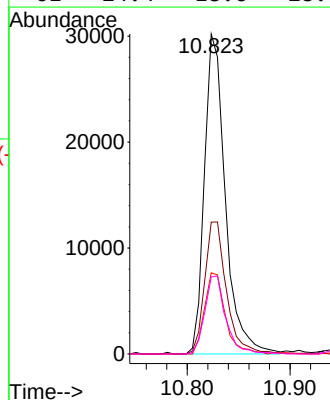
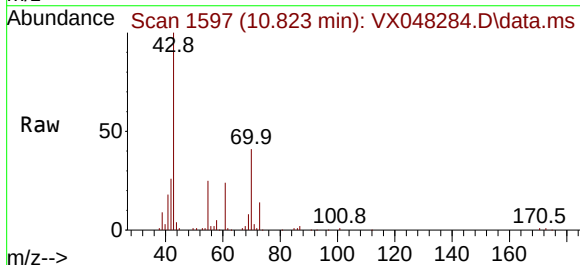
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

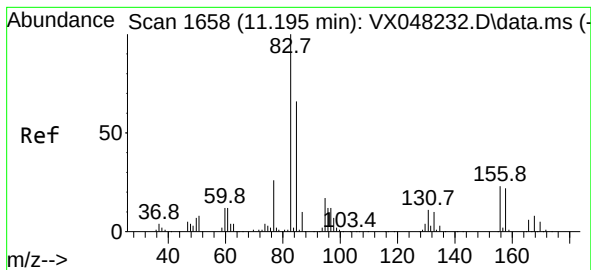
Tgt Ion:105 Resp: 124929
Ion Ratio Lower Upper
105 100
120 25.9 13.0 38.9



#74
N-ethyl acetate
Concen: 17.899 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 43 Resp: 42802
Ion Ratio Lower Upper
43 100
70 43.3 32.2 48.2
55 25.2 19.1 28.7
61 24.4 18.6 28.0

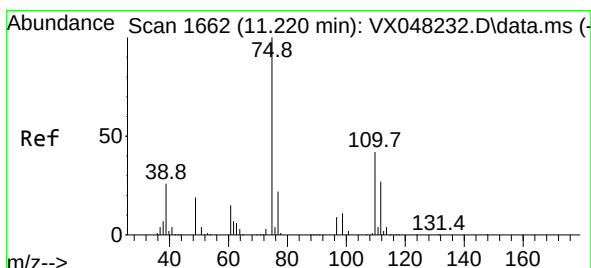
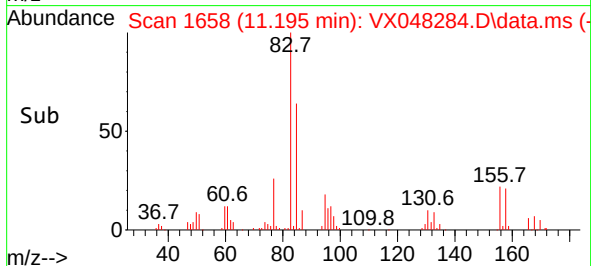
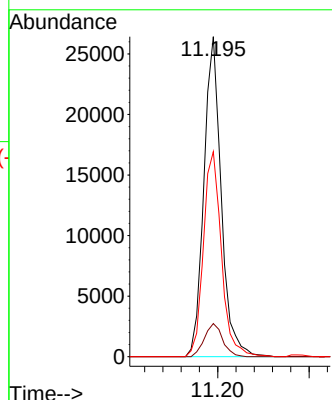
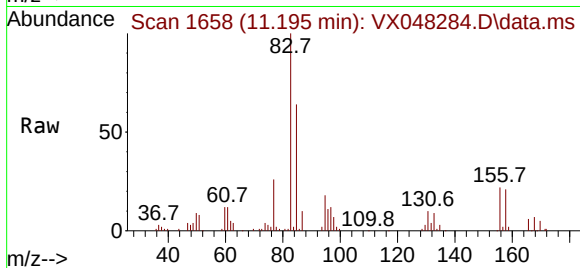




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.887 ug/l
 RT: 11.195 min Scan# 1658
 Delta R.T. 0.000 min
 Lab File: VX048284.D
 Acq: 22 Oct 2025 10:18

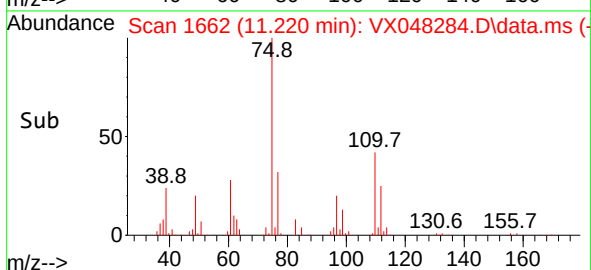
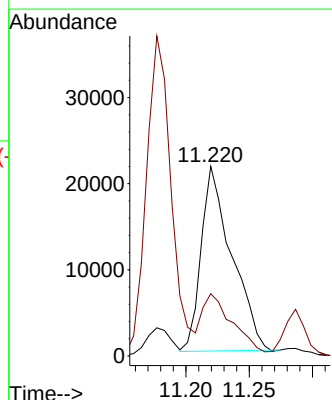
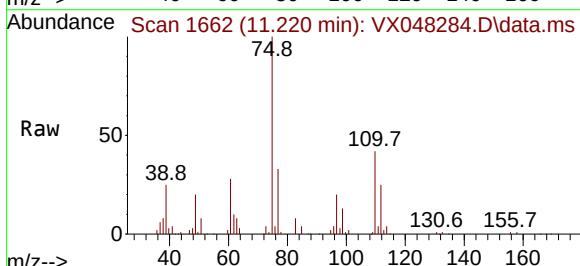
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBSD01

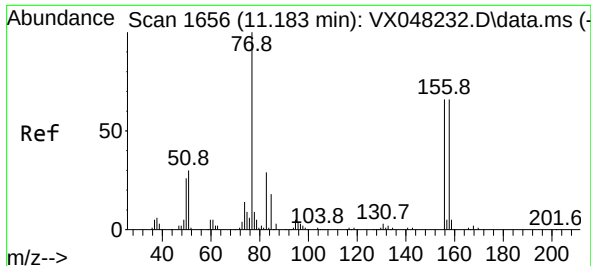
Tgt Ion: 83 Resp: 34771
 Ion Ratio Lower Upper
 83 100
 131 10.8 4.8 14.4
 85 66.4 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 24.160 ug/l
 RT: 11.220 min Scan# 1662
 Delta R.T. 0.000 min
 Lab File: VX048284.D
 Acq: 22 Oct 2025 10:18

Tgt Ion: 75 Resp: 36161
 Ion Ratio Lower Upper
 75 100
 77 34.0 22.4 67.2

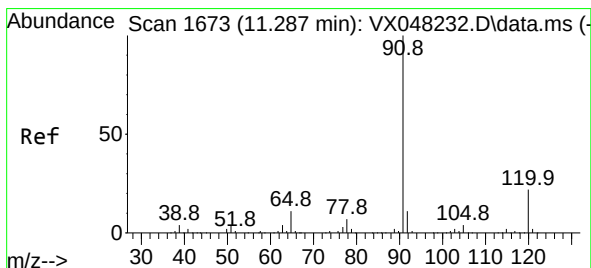
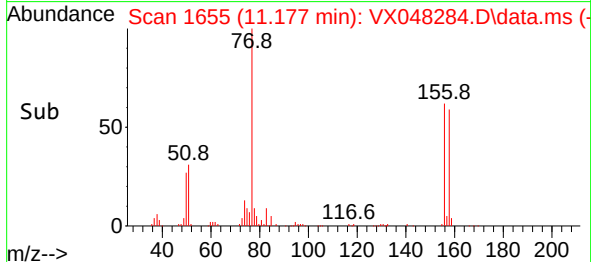
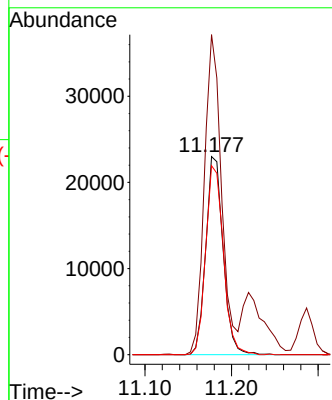
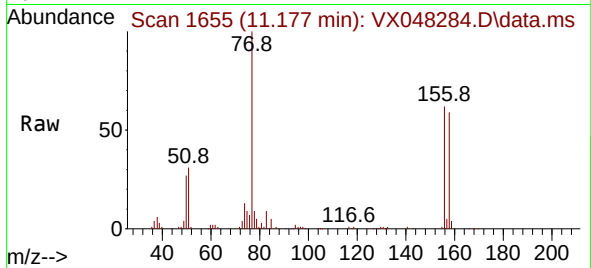




#77
Bromobenzene
Concen: 18.917 ug/l
RT: 11.177 min Scan# 1655
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

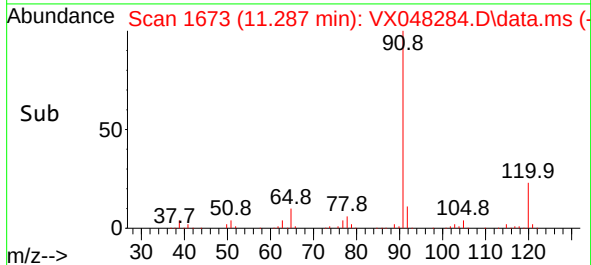
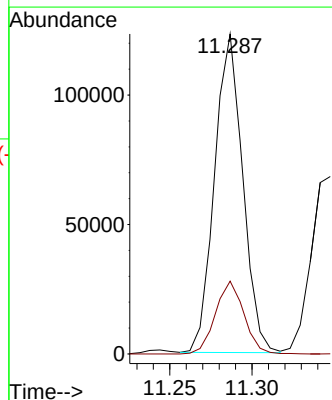
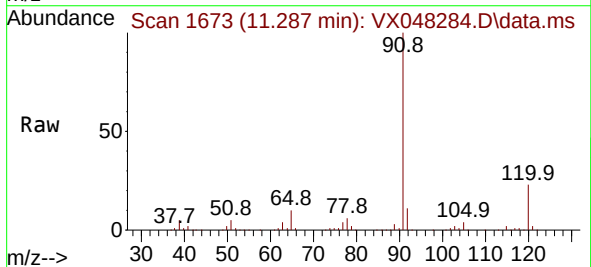
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

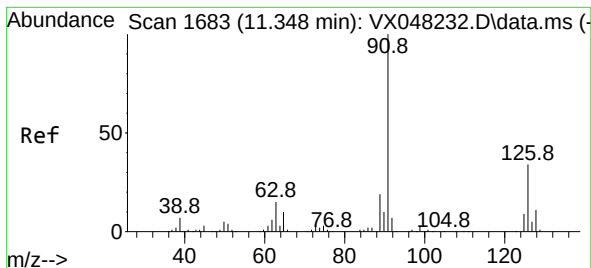
Tgt Ion:156 Resp: 31977
Ion Ratio Lower Upper
156 100
77 159.4 87.0 261.0
158 97.5 47.8 143.4



#78
n-propylbenzene
Concen: 18.800 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 91 Resp: 146740
Ion Ratio Lower Upper
91 100
120 23.1 11.1 33.1





#79

2-Chlorotoluene

Concen: 19.047 ug/l

RT: 11.348 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

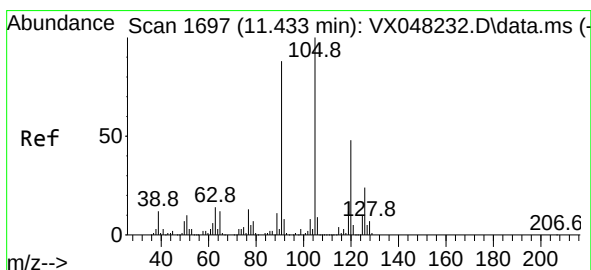
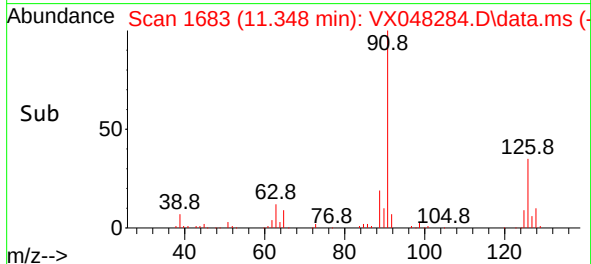
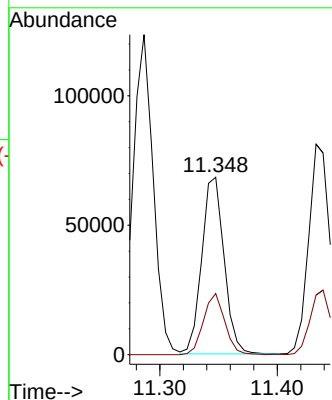
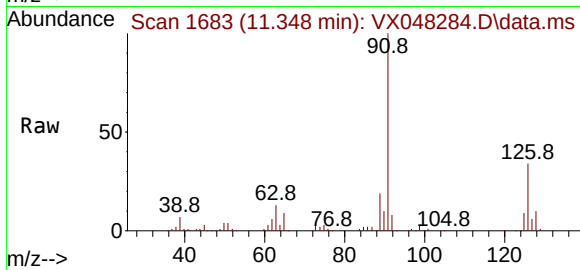
VX1022WBSD01

Tgt Ion: 91 Resp: 90136

Ion Ratio Lower Upper

91 100

126 33.1 16.4 49.4



#80

1,3,5-Trimethylbenzene

Concen: 18.861 ug/l

RT: 11.433 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VX048284.D

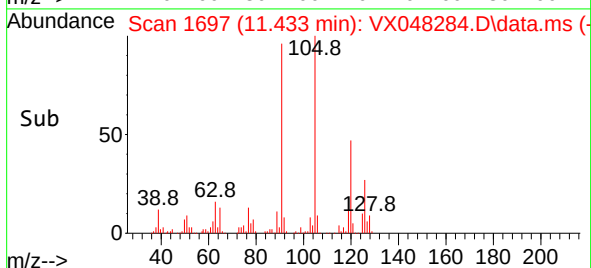
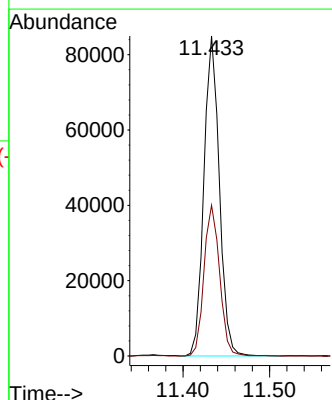
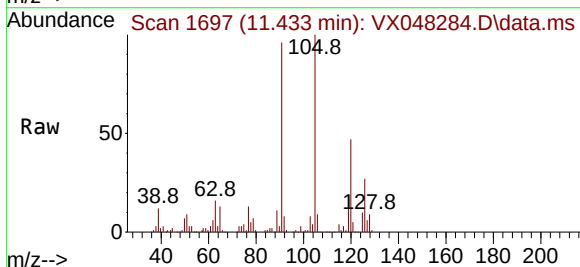
Acq: 22 Oct 2025 10:18

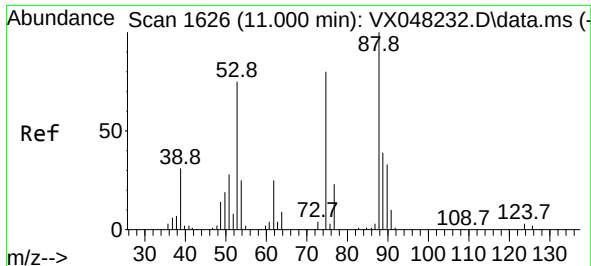
Tgt Ion:105 Resp: 105222

Ion Ratio Lower Upper

105 100

120 47.6 24.0 72.0

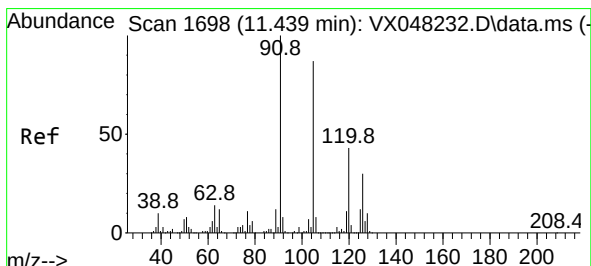
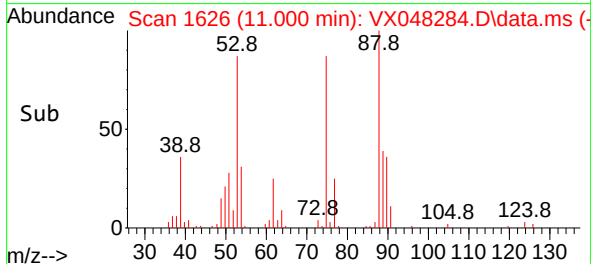
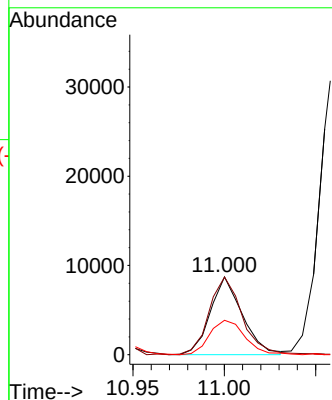
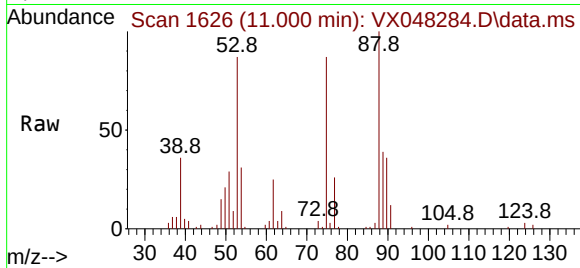




#81
trans-1,4-Dichloro-2-butene
Concen: 17.303 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

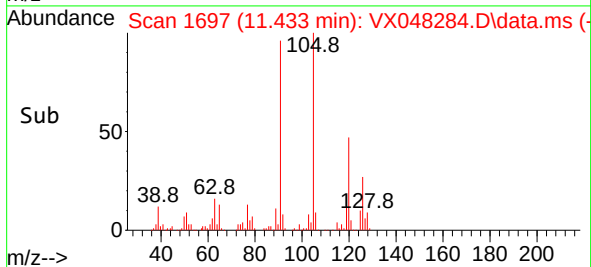
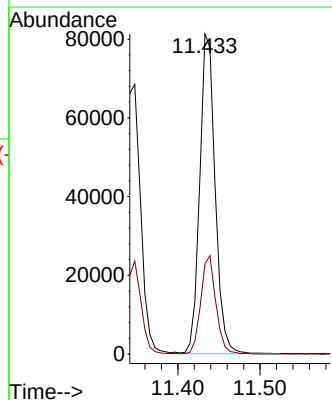
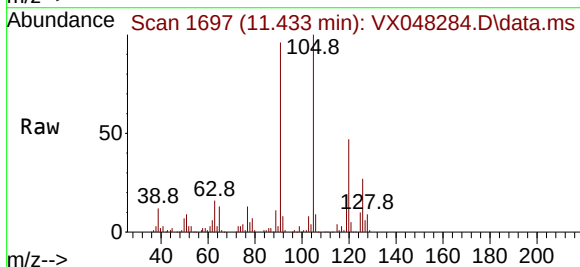
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

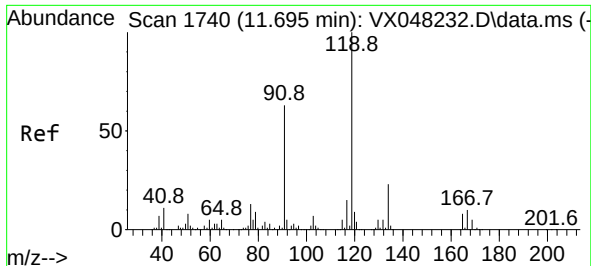
Tgt Ion: 75 Resp: 10645
Ion Ratio Lower Upper
75 100
53 103.6 79.5 119.3
89 48.7 36.8 55.2



#82
4-Chlorotoluene
Concen: 18.803 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 91 Resp: 105630
Ion Ratio Lower Upper
91 100
126 30.2 14.1 42.4

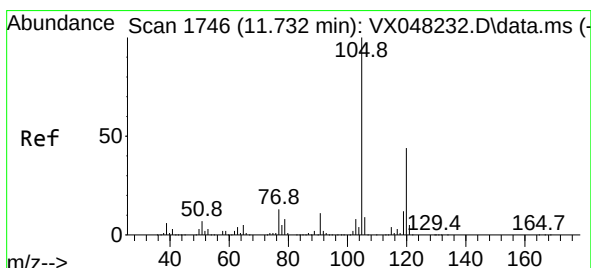
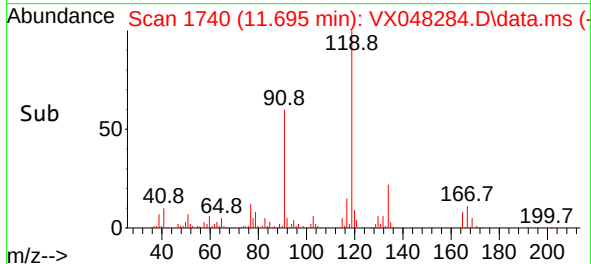
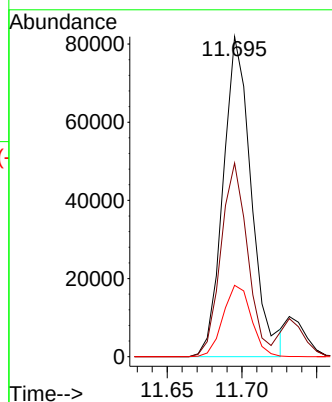
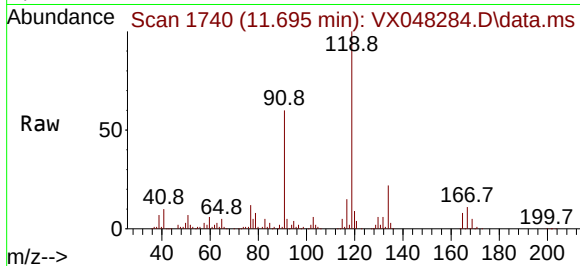




#83
tert-Butylbenzene
Concen: 18.752 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

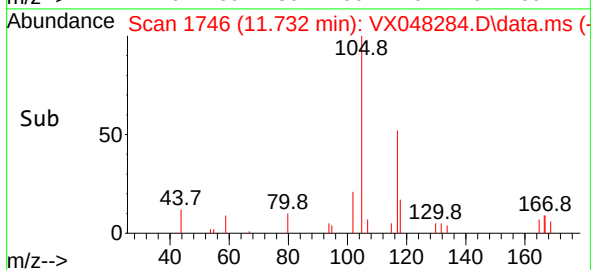
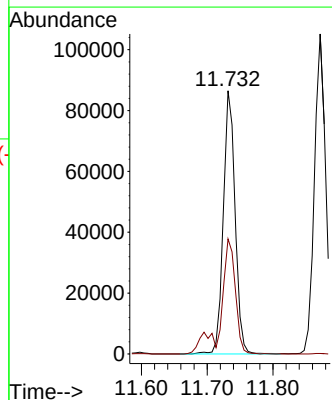
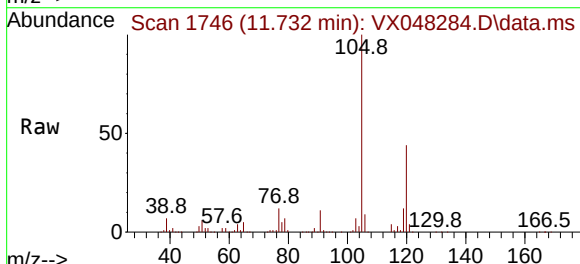
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

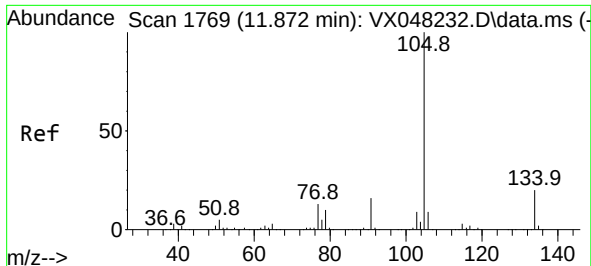
Tgt Ion:119 Resp: 107485
Ion Ratio Lower Upper
119 100
91 57.4 30.3 91.0
134 22.4 11.4 34.2



#84
1,2,4-Trimethylbenzene
Concen: 19.382 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:105 Resp: 107910
Ion Ratio Lower Upper
105 100
120 43.9 22.1 66.5

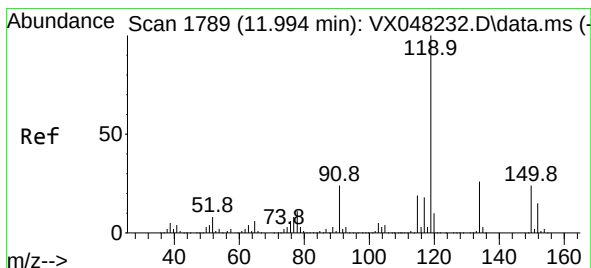
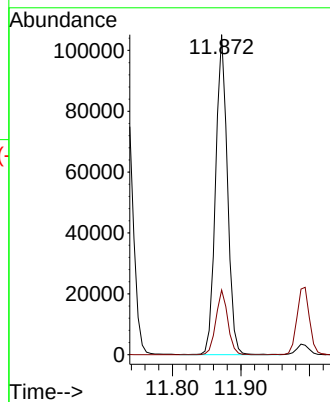
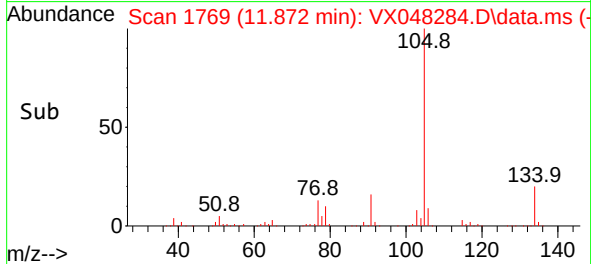
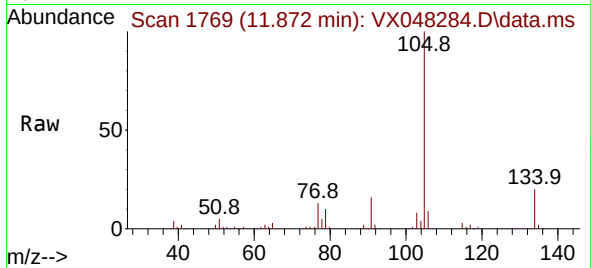




#85
 sec-Butylbenzene
 Concen: 18.276 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VX048284.D
 Acq: 22 Oct 2025 10:18

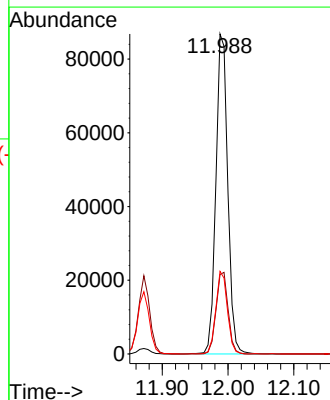
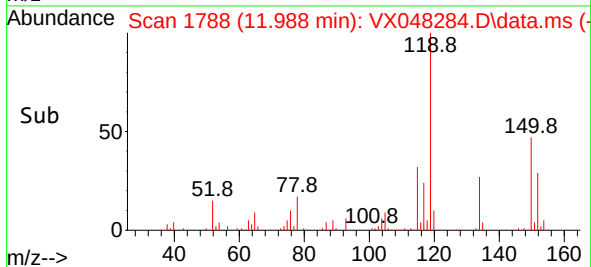
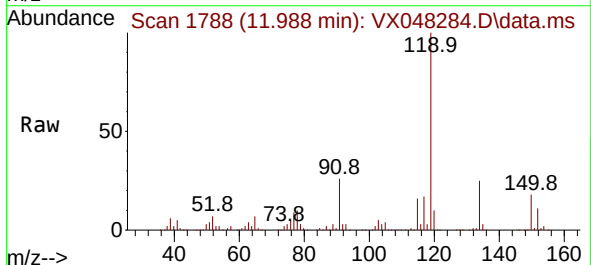
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBSD01

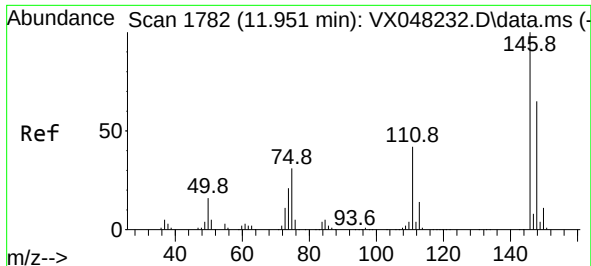
Tgt Ion:105 Resp: 126036
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 18.291 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. 0.000 min
 Lab File: VX048284.D
 Acq: 22 Oct 2025 10:18

Tgt Ion:119 Resp: 109030
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 39.0
 91 25.1 12.1 36.3

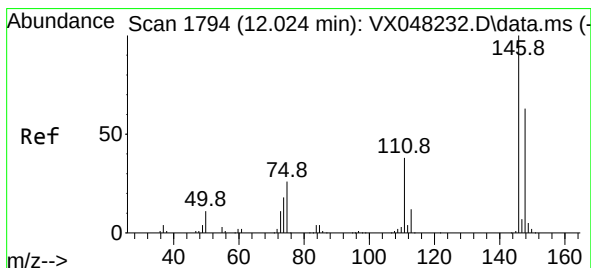
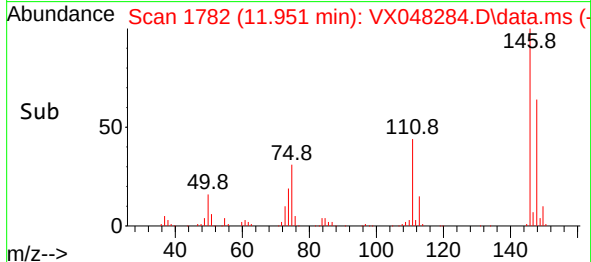
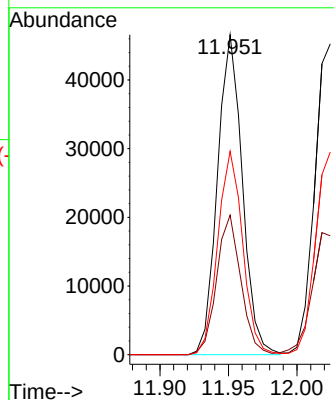
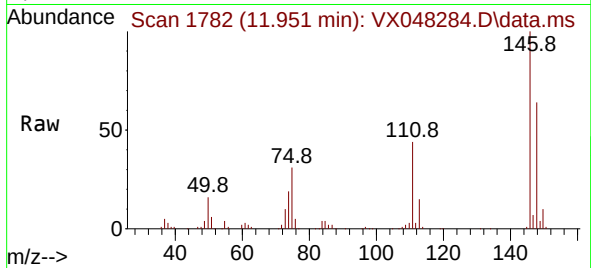




#87
1,3-Dichlorobenzene
Concen: 18.459 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

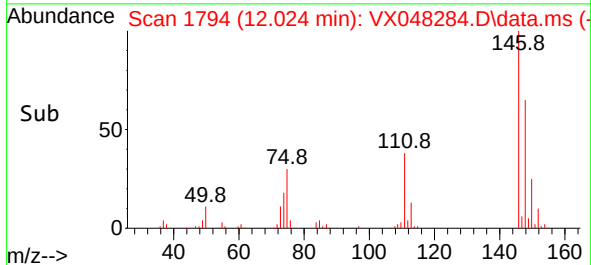
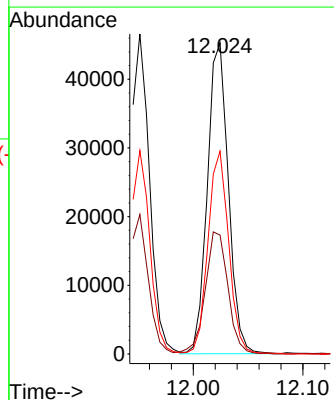
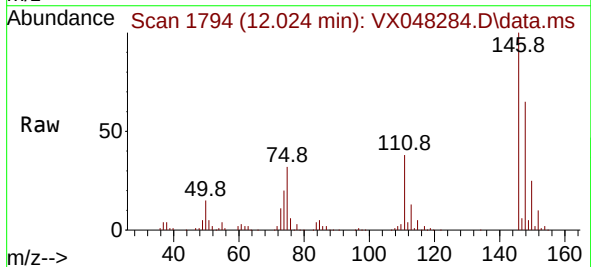
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

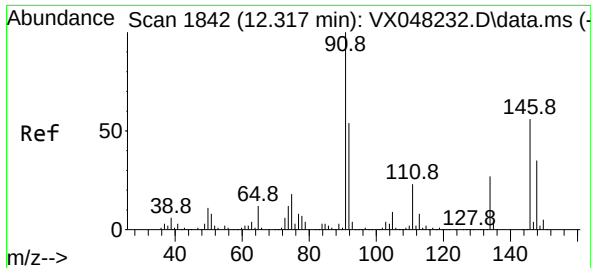
Tgt Ion:146 Resp: 58821
Ion Ratio Lower Upper
146 100
111 42.5 20.4 61.2
148 63.6 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 18.231 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:146 Resp: 60184
Ion Ratio Lower Upper
146 100
111 42.6 20.1 60.2
148 64.6 31.8 95.3

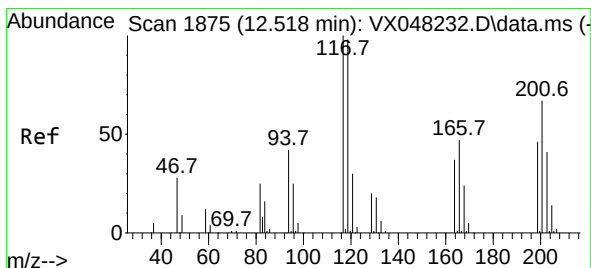
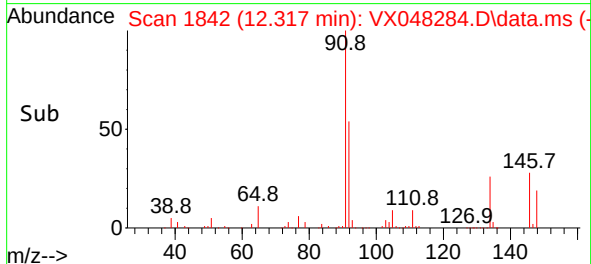
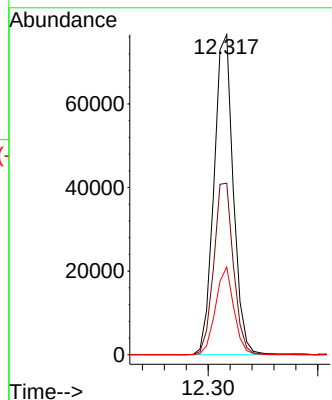
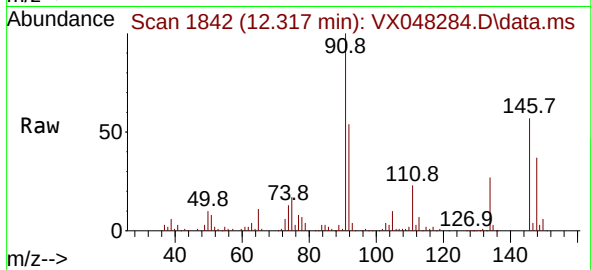




#89
n-Butylbenzene
Concen: 17.258 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

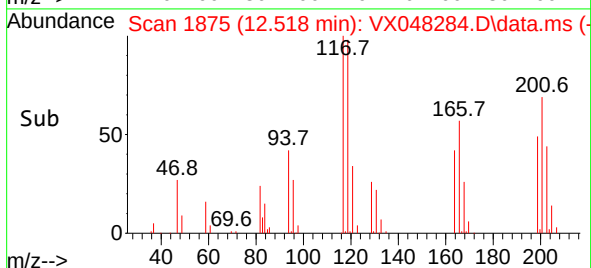
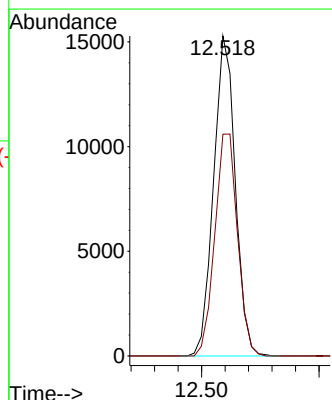
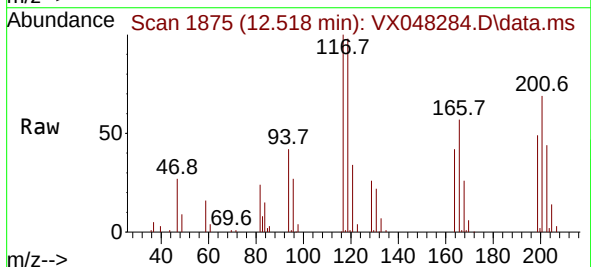
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

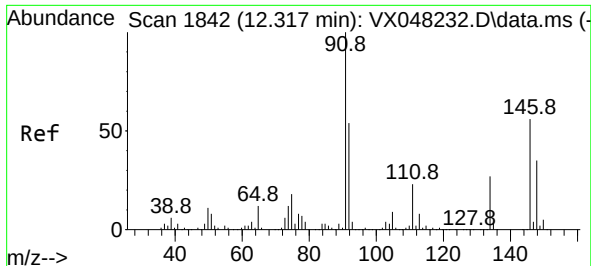
Tgt Ion: 91 Resp: 93633
Ion Ratio Lower Upper
91 100
92 54.9 26.9 80.6
134 26.0 12.7 38.1



#90
Hexachloroethane
Concen: 16.632 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 117 Resp: 19578
Ion Ratio Lower Upper
117 100
201 72.9 34.1 102.2

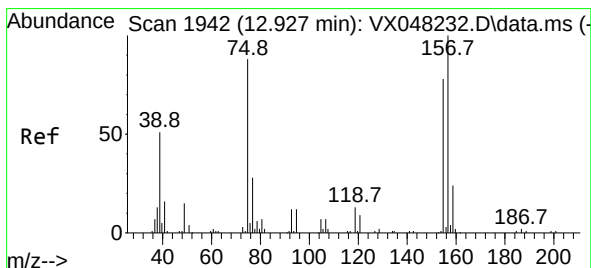
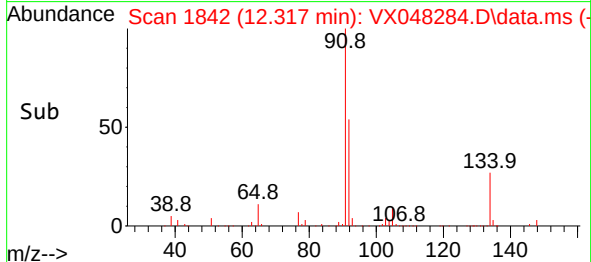
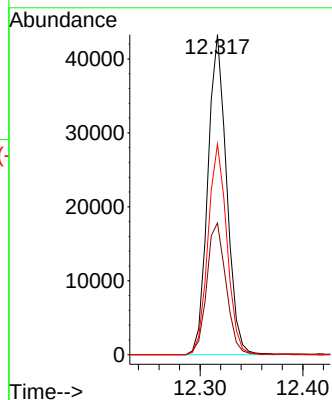
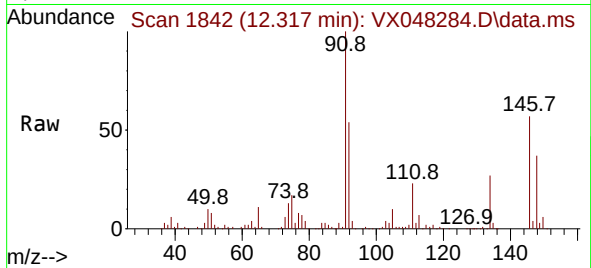




#91
 1,2-Dichlorobenzene
 Concen: 18.351 ug/l
 RT: 12.317 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: VX048284.D
 Acq: 22 Oct 2025 10:18

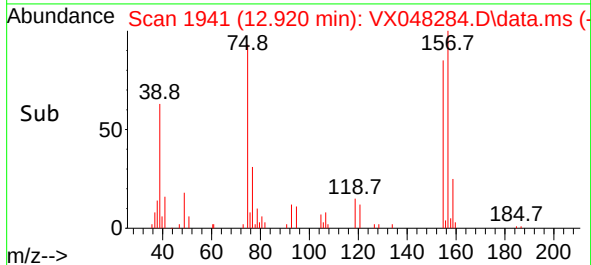
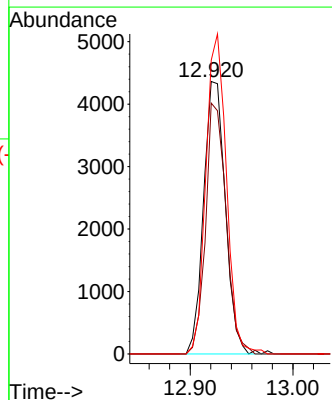
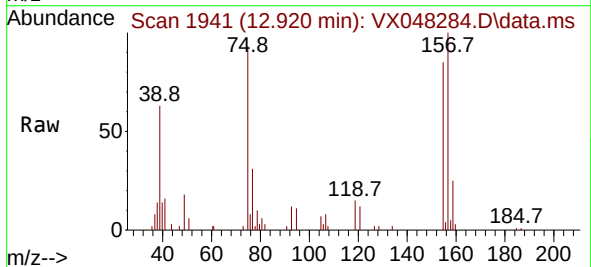
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBSD01

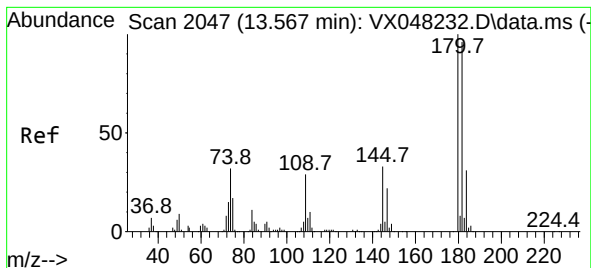
Tgt Ion:	146	Resp:	54904
Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.9	65.5
148	65.9	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.199 ug/l
 RT: 12.920 min Scan# 1941
 Delta R.T. 0.000 min
 Lab File: VX048284.D
 Acq: 22 Oct 2025 10:18

Tgt Ion:	75	Resp:	6427
Ion	Ratio	Lower	Upper
75	100		
155	86.5	42.8	128.4
157	110.6	54.2	162.6





#93

1,2,4-Trichlorobenzene

Concen: 16.647 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD01

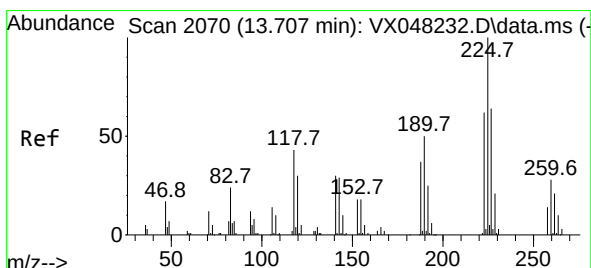
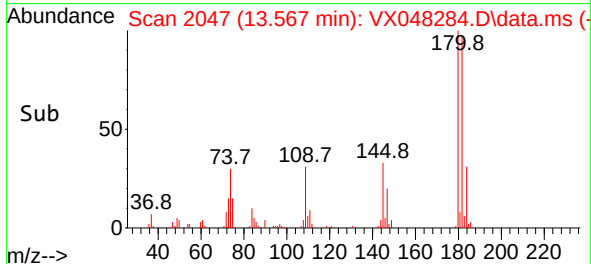
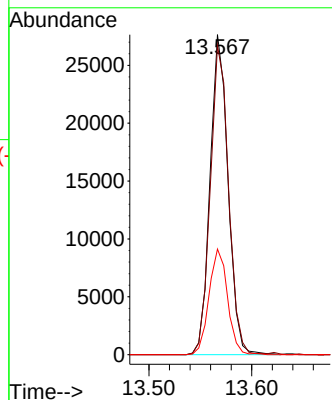
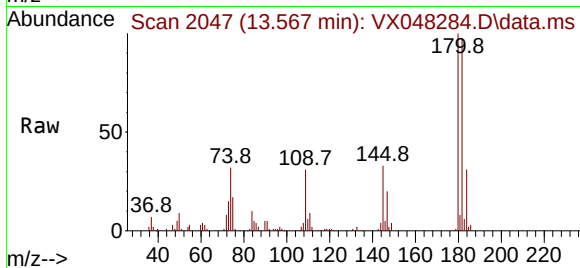
Tgt Ion:180 Resp: 33681

Ion Ratio Lower Upper

180 100

182 98.1 47.3 142.0

145 34.1 16.3 48.9



#94

Hexachlorobutadiene

Concen: 18.273 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. 0.006 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

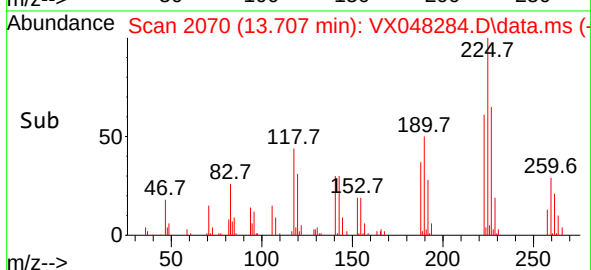
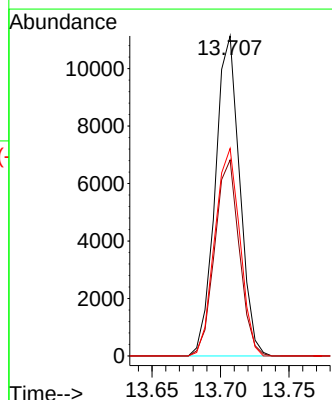
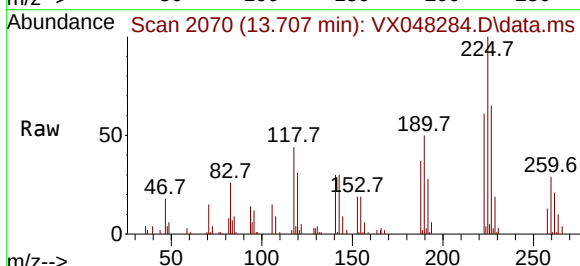
Tgt Ion:225 Resp: 13822

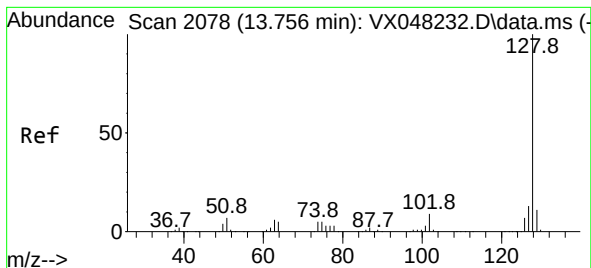
Ion Ratio Lower Upper

225 100

223 61.5 32.6 97.7

227 66.5 32.5 97.4





#95

Naphthalene

Concen: 17.176 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD01

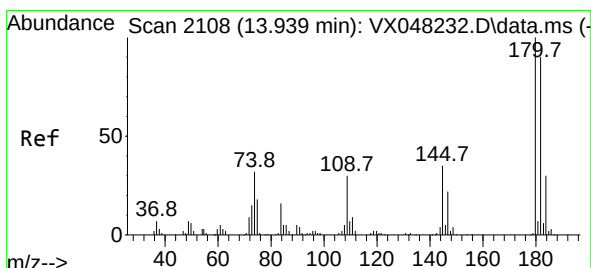
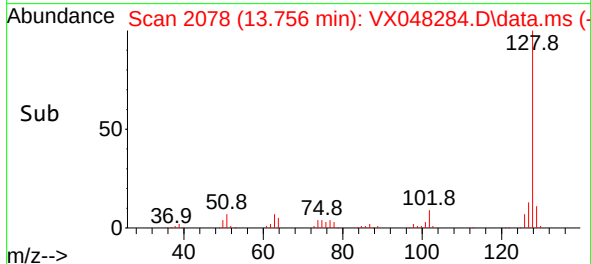
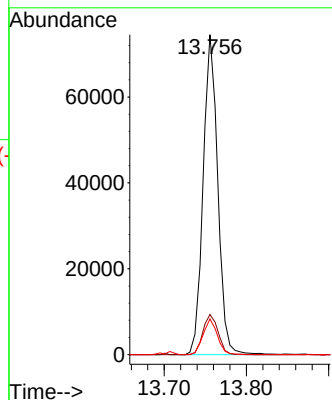
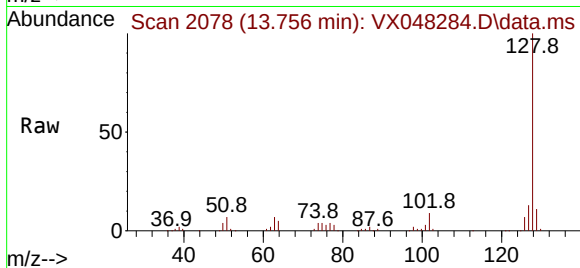
Tgt Ion:128 Resp: 92069

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: 17.794 ug/l

RT: 13.939 min Scan# 2108

Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

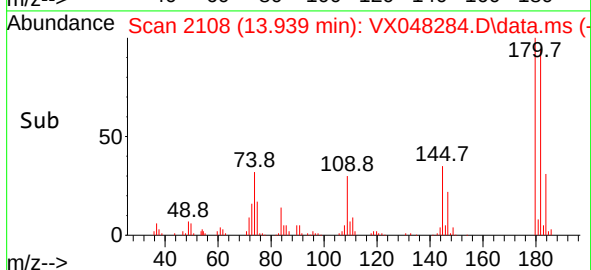
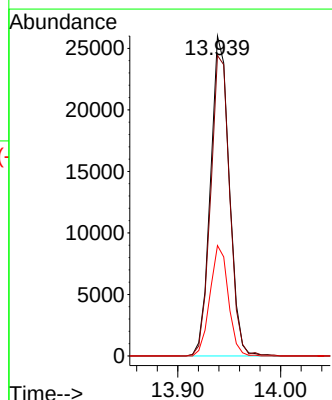
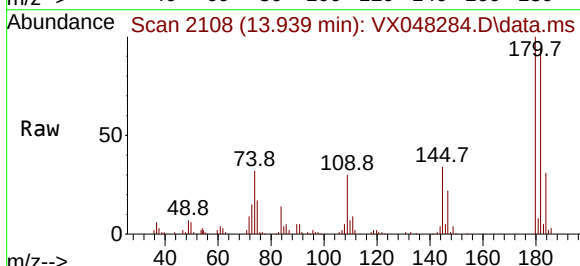
Tgt Ion:180 Resp: 33036

Ion Ratio Lower Upper

180 100

182 95.3 46.6 139.7

145 33.6 16.9 50.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
 Data File : VX048308.D
 Acq On : 22 Oct 2025 18:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 24 05:58:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	165808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	262018	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	162404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	79762	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	98371	42.315	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.620%
35) Dibromofluoromethane	5.373	113	77200	43.158	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.320%
50) Toluene-d8	8.635	98	306881	48.945	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.900%
62) 4-Bromofluorobenzene	11.061	95	79463	33.314	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	66.620%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	66177	38.824	ug/l	97
3) Chloromethane	1.301	50	37608	23.638	ug/l	95
4) Vinyl Chloride	1.380	62	91377	62.022	ug/l	100
5) Bromomethane	1.612	94	32351	32.356	ug/l	97
6) Chloroethane	1.697	64	56587	65.362	ug/l	94
7) Trichlorofluoromethane	1.898	101	146591	51.880	ug/l	99
8) Diethyl Ether	2.136	74	53679	67.517	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	60114	33.597	ug/l	94
10) Methyl Iodide	2.459	142	181583	80.726	ug/l	99
11) Tert butyl alcohol	2.941	59	32336	140.093	ug/l	99
12) 1,1-Dichloroethene	2.325	96	62980	36.180	ug/l	92
13) Acrolein	2.233	56	74306	315.647	ug/l	99
14) Allyl chloride	2.666	41	79895	27.644	ug/l	91
15) Acrylonitrile	3.056	53	114921	138.075	ug/l	100
16) Acetone	2.374	43	95807	120.131	ug/l	98
17) Carbon Disulfide	2.514	76	139872	25.495	ug/l	98
18) Methyl Acetate	2.697	43	59506	35.728	ug/l	94
19) Methyl tert-butyl Ether	3.105	73	185328	31.207	ug/l	96
20) Methylene Chloride	2.788	84	57361	29.518	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	57282	29.957	ug/l	97
22) Diisopropyl ether	3.751	45	291884	50.635	ug/l	96
23) Vinyl Acetate	3.715	43	1110692	241.211	ug/l	97
24) 1,1-Dichloroethane	3.605	63	110925	31.824	ug/l	99
25) 2-Butanone	4.538	43	228459	226.319	ug/l	97
26) 2,2-Dichloropropane	4.471	77	135695	43.131	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	109379	49.014	ug/l	96
28) Bromochloromethane	4.891	49	75080	51.950	ug/l	96
29) Tetrahydrofuran	4.989	42	151482	250.563	ug/l	98
30) Chloroform	5.080	83	171030	45.928	ug/l	99
31) Cyclohexane	5.458	56	143903	49.868	ug/l	95
32) 1,1,1-Trichloroethane	5.367	97	152924	44.558	ug/l	99
36) 1,1-Dichloropropene	5.678	75	115364	45.375	ug/l	99
37) Ethyl Acetate	4.702	43	115541	54.827	ug/l	95
38) Carbon Tetrachloride	5.666	117	127792	40.741	ug/l	95
39) Methylcyclohexane	7.367	83	142533	47.470	ug/l	94
40) Benzene	6.025	78	339549	46.000	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
 Data File : VX048308.D
 Acq On : 22 Oct 2025 18:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 24 05:58:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	56448	51.006	ug/l	97
42) 1,2-Dichloroethane	6.074	62	124472	45.697	ug/l	100
43) Isopropyl Acetate	6.324	43	179767	51.932	ug/l	97
44) Trichloroethene	7.111	130	92885	47.655	ug/l	95
45) 1,2-Dichloropropane	7.415	63	88398	50.369	ug/l	98
46) Dibromomethane	7.568	93	61658	45.095	ug/l	94
47) Bromodichloromethane	7.806	83	131135	44.420	ug/l	97
48) Methyl methacrylate	7.678	41	83930	48.050	ug/l	96
49) 1,4-Dioxane	7.641	88	20301	879.716	ug/l	91
51) 4-Methyl-2-Pentanone	8.555	43	516932	259.006	ug/l	97
52) Toluene	8.702	92	226635	48.329	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	123757	43.501	ug/l	98
54) cis-1,3-Dichloropropene	8.348	75	131492	42.840	ug/l	99
55) 1,1,2-Trichloroethane	9.135	97	67181	38.524	ug/l	99
56) Ethyl methacrylate	9.098	69	114708	44.971	ug/l	94
57) 1,3-Dichloropropane	9.293	76	94925	31.867	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	350352	255.410	ug/l	99
59) 2-Hexanone	9.415	43	211292	151.826	ug/l	95
60) Dibromochloromethane	9.507	129	69937	29.838	ug/l	98
61) 1,2-Dibromoethane	9.592	107	57700	31.036	ug/l	97
64) Tetrachloroethene	9.257	164	62003	51.141	ug/l	98
65) Chlorobenzene	10.061	112	164147	44.931	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	61612	45.916	ug/l	97
67) Ethyl Benzene	10.177	91	285001	45.820	ug/l	99
68) m/p-Xylenes	10.287	106	217045	93.917	ug/l	100
69) o-Xylene	10.622	106	103036	46.180	ug/l	100
70) Styrene	10.640	104	177742	46.785	ug/l	99
71) Bromoform	10.781	173	45139	42.089	ug/l #	97
73) Isopropylbenzene	10.945	105	280008	48.063	ug/l	99
74) N-amyl acetate	10.823	43	94223	45.596	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.195	83	70007	44.003	ug/l	98
76) 1,2,3-Trichloropropane	11.220	75	78904	61.002	ug/l	80
77) Bromobenzene	11.183	156	70363	48.168	ug/l	93
78) n-propylbenzene	11.287	91	322187	47.765	ug/l	98
79) 2-Chlorotoluene	11.348	91	192865	47.160	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	231776	48.075	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	17468	32.856	ug/l #	93
82) 4-Chlorotoluene	11.439	91	226624	46.681	ug/l	98
83) tert-Butylbenzene	11.695	119	228741	46.177	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	230093	47.822	ug/l	99
85) sec-Butylbenzene	11.872	105	273283	45.855	ug/l	99
86) p-Isopropyltoluene	11.988	119	240774	46.741	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	122488	44.479	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	125212	43.891	ug/l	99
89) n-Butylbenzene	12.311	91	209483	44.679	ug/l	99
90) Hexachloroethane	12.518	117	37811	37.170	ug/l	88
91) 1,2-Dichlorobenzene	12.317	146	117796	45.560	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.921	75	15163	46.953	ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	81717	46.736	ug/l	100
94) Hexachlorobutadiene	13.707	225	32287	49.279	ug/l	97
95) Naphthalene	13.756	128	220659	47.634	ug/l	99
96) 1,2,3-Trichlorobenzene	13.939	180	75696	47.178	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048308.D
Acq On : 22 Oct 2025 18:36
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Oct 24 05:58:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

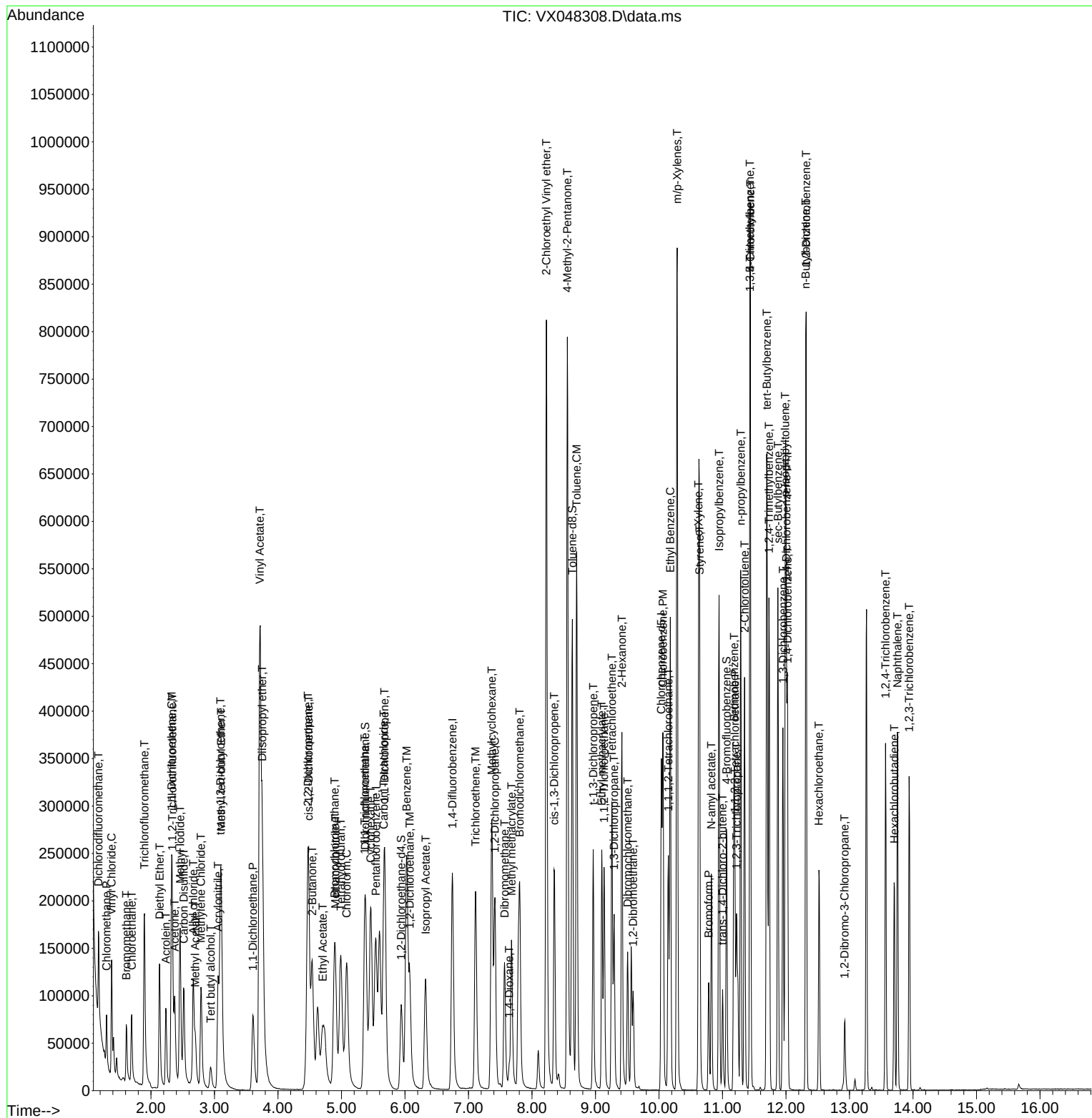
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

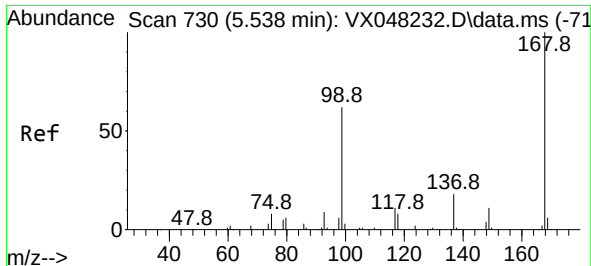
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
 Data File : VX048308.D
 Acq On : 22 Oct 2025 18:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

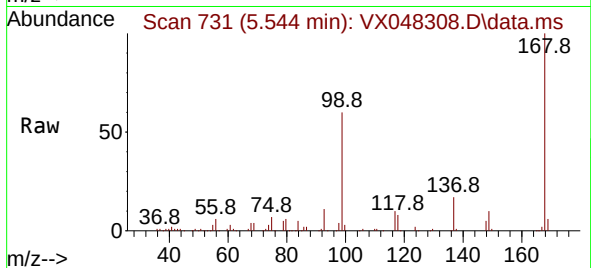
Quant Time: Oct 24 05:58:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration



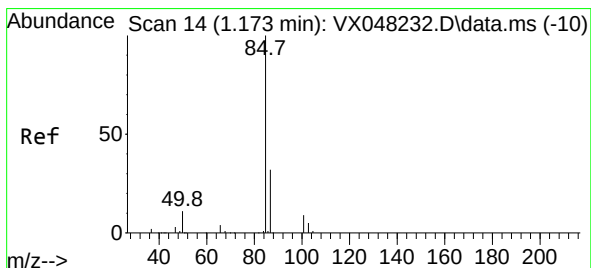
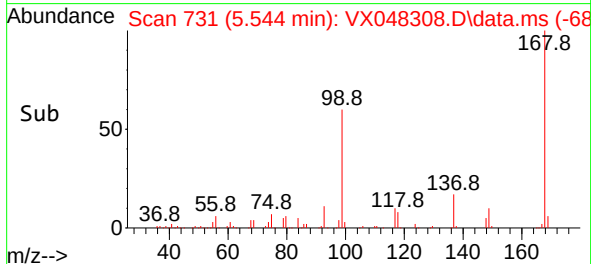
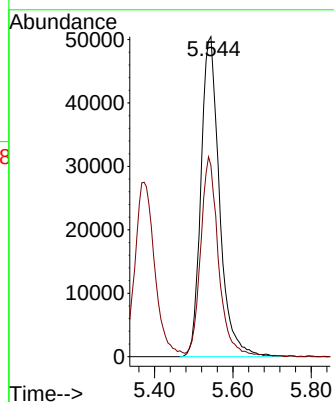


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

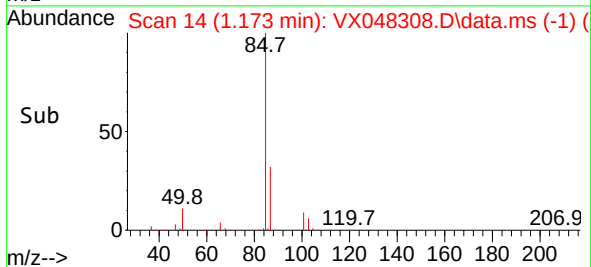
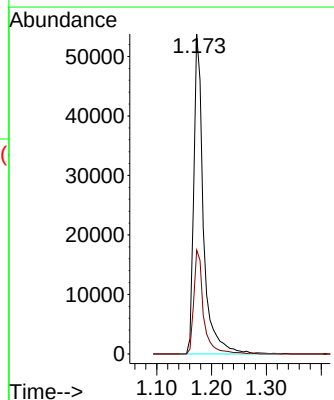
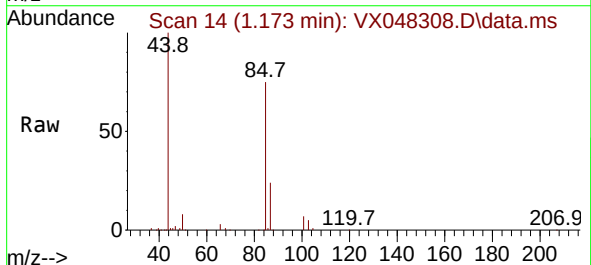


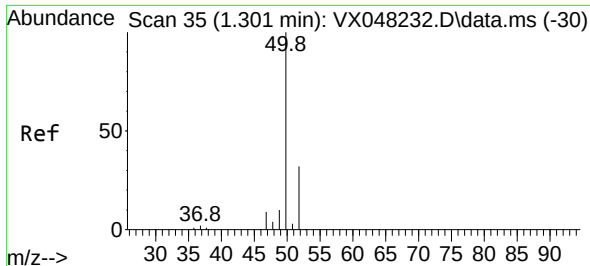
Tgt Ion:168 Resp: 165808
Ion Ratio Lower Upper
168 100
99 59.4 46.4 69.6



#2
Dichlorodifluoromethane
Concen: 38.824 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 85 Resp: 66177
Ion Ratio Lower Upper
85 100
87 32.4 15.3 45.9

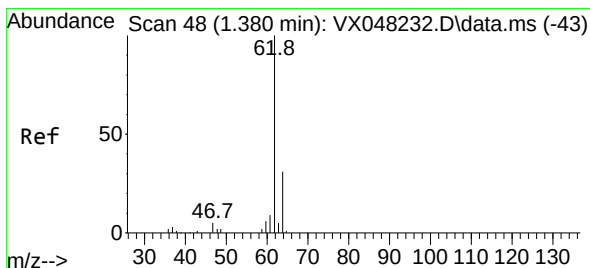
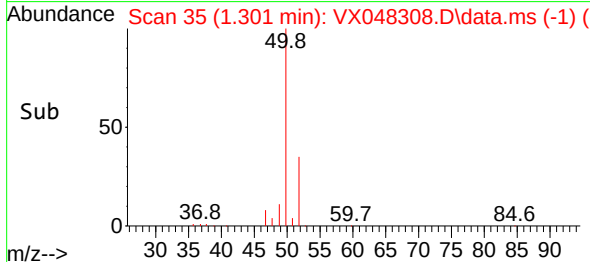
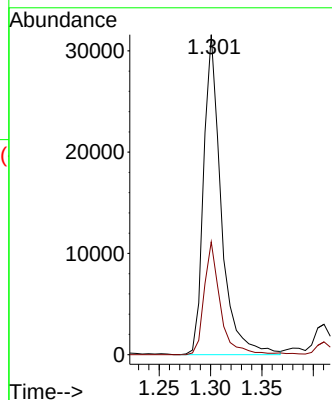
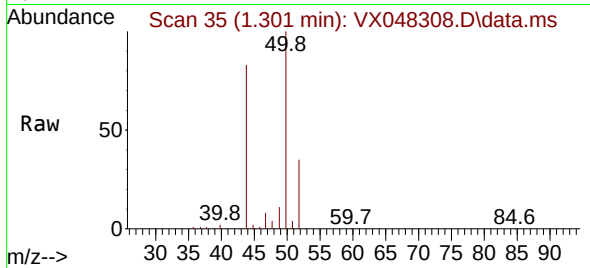




#3
Chloromethane
Concen: 23.638 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

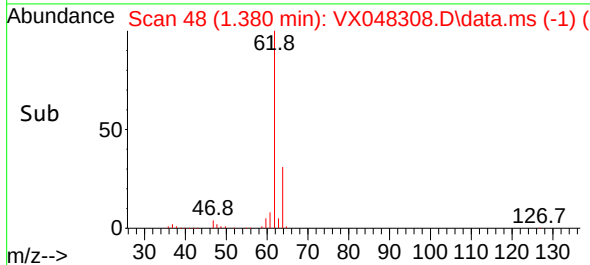
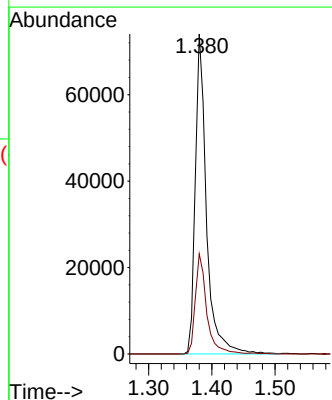
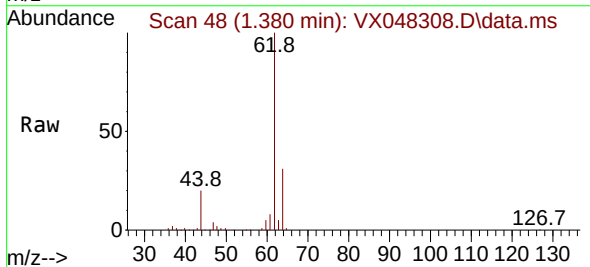
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

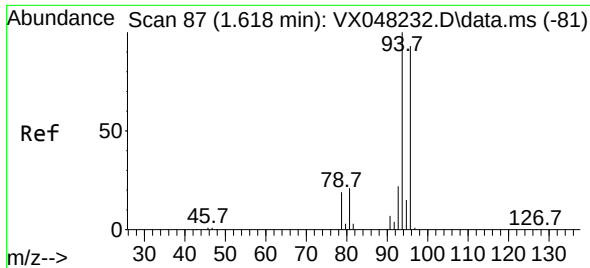
Tgt Ion: 50 Resp: 37608
Ion Ratio Lower Upper
50 100
52 35.3 25.9 38.9



#4
Vinyl Chloride
Concen: 62.022 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 62 Resp: 91377
Ion Ratio Lower Upper
62 100
64 31.3 25.1 37.7

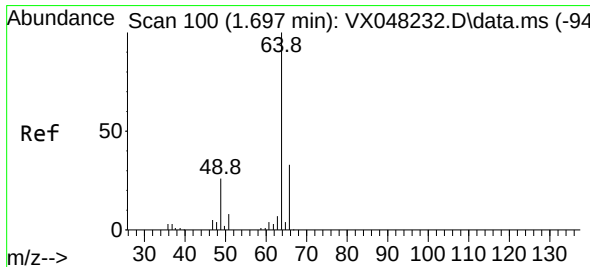
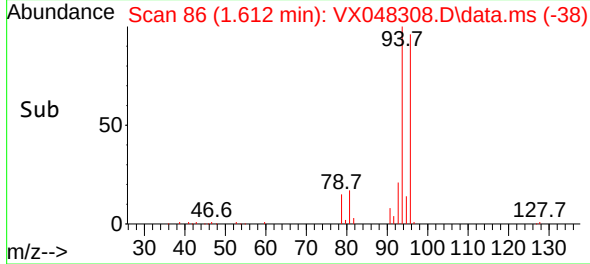
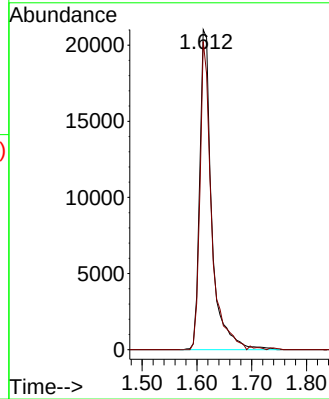
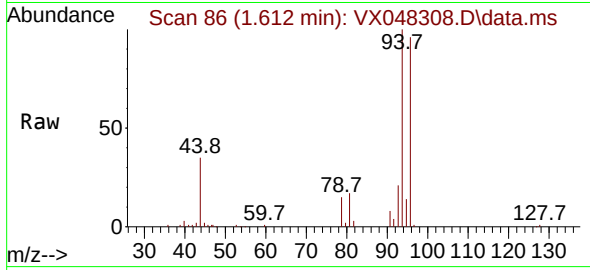




#5
Bromomethane
Concen: 32.356 ug/l
RT: 1.612 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

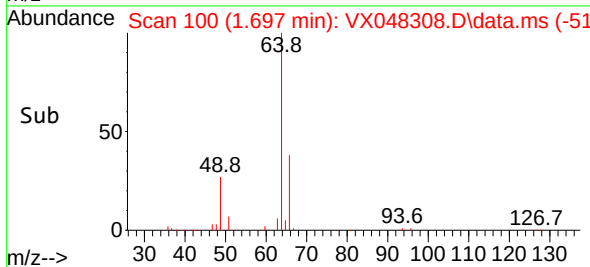
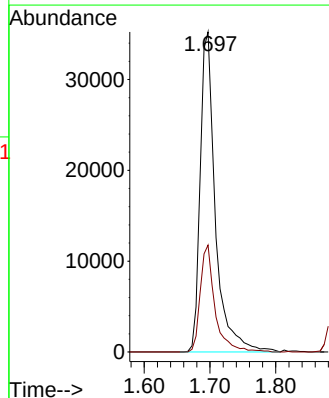
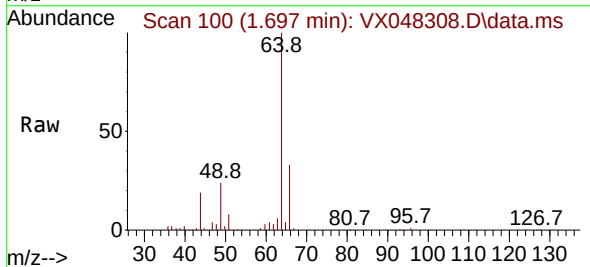
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

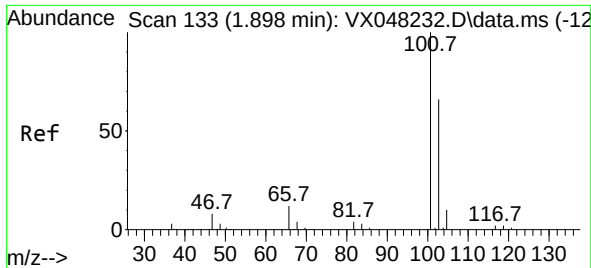
Tgt Ion: 94 Resp: 32351
Ion Ratio Lower Upper
94 100
96 97.6 76.0 114.0



#6
Chloroethane
Concen: 65.362 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 64 Resp: 56587
Ion Ratio Lower Upper
64 100
66 33.4 23.9 35.9

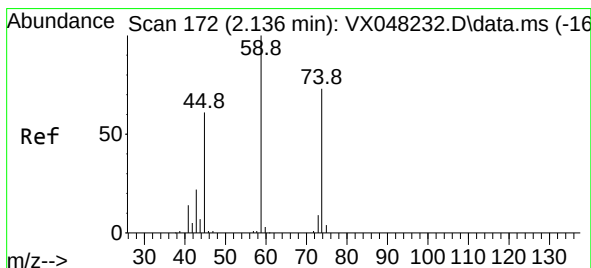
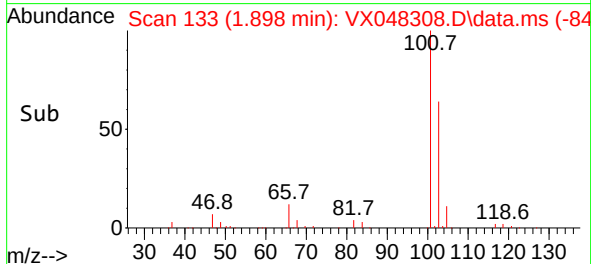
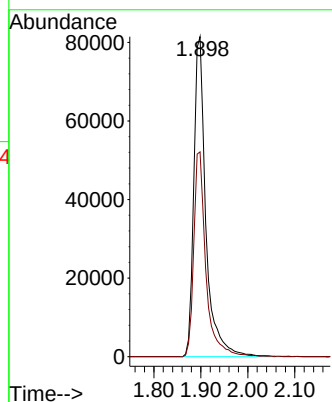
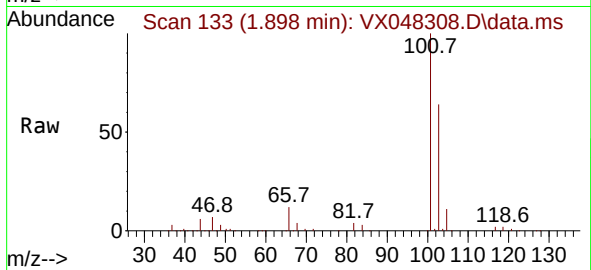




#7
 Trichlorofluoromethane
 Concen: 51.880 ug/l
 RT: 1.898 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX048308.D
 Acq: 22 Oct 2025 18:36

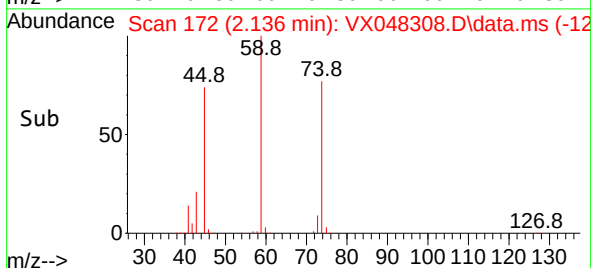
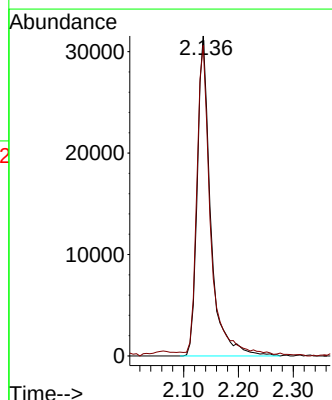
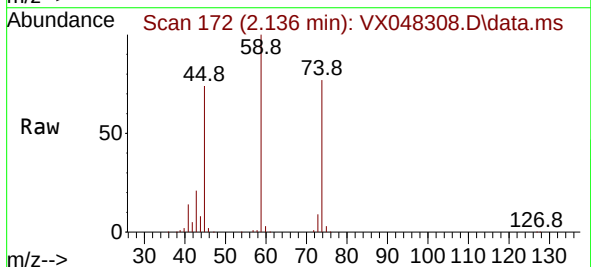
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

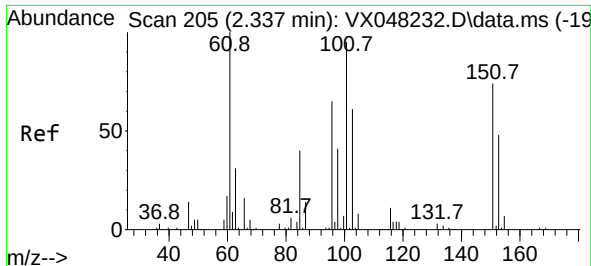
Tgt Ion:101 Resp: 146591
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.6 77.4



#8
 Diethyl Ether
 Concen: 67.517 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX048308.D
 Acq: 22 Oct 2025 18:36

Tgt Ion: 74 Resp: 53679
 Ion Ratio Lower Upper
 74 100
 45 98.7 50.0 149.8

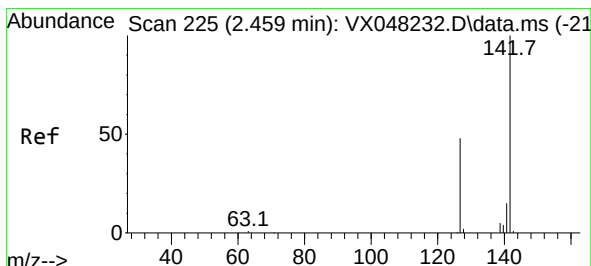
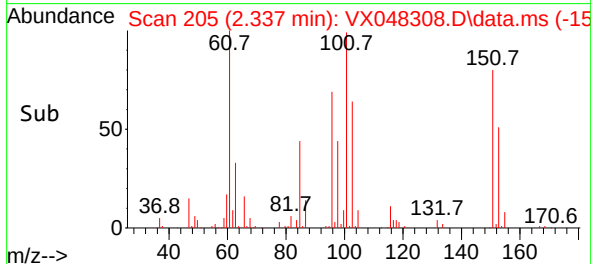
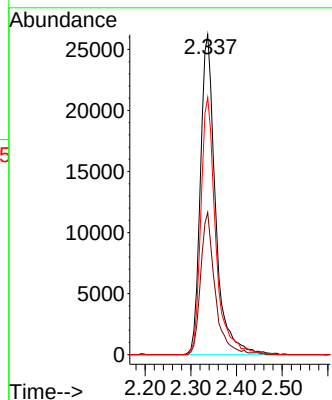
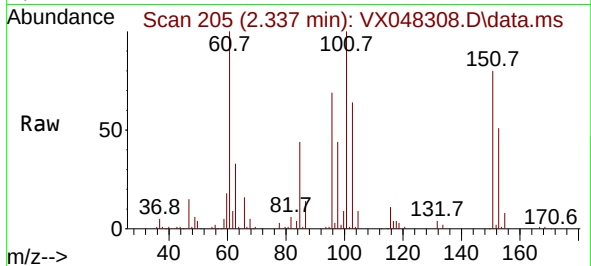




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 33.597 ug/l
 RT: 2.337 min Scan# 205
 Delta R.T. 0.000 min
 Lab File: VX048308.D
 Acq: 22 Oct 2025 18:36

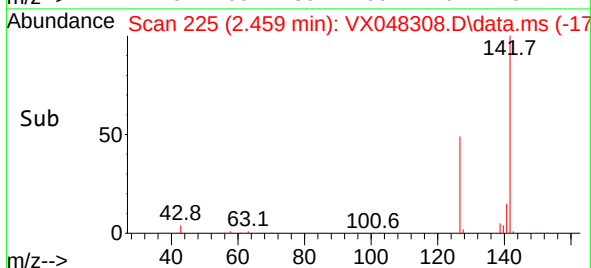
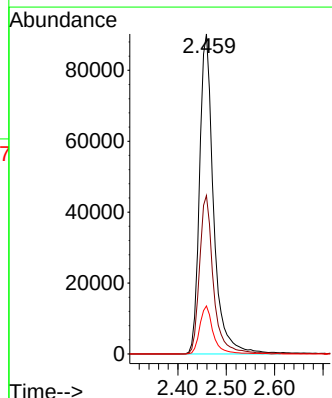
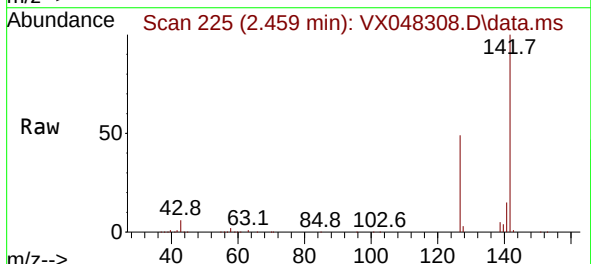
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

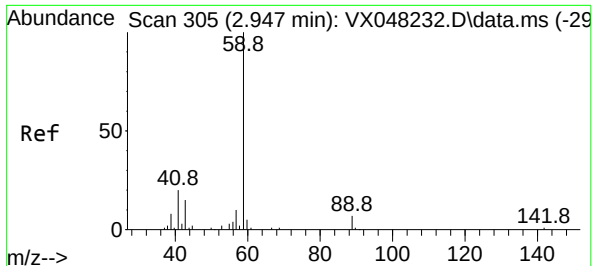
Tgt Ion:101 Resp: 60114
 Ion Ratio Lower Upper
 101 100
 85 42.8 35.6 53.4
 151 79.4 58.0 87.0



#10
 Methyl Iodide
 Concen: 80.726 ug/l
 RT: 2.459 min Scan# 225
 Delta R.T. 0.000 min
 Lab File: VX048308.D
 Acq: 22 Oct 2025 18:36

Tgt Ion:142 Resp: 181583
 Ion Ratio Lower Upper
 142 100
 127 49.3 38.5 57.7
 141 14.5 11.6 17.4

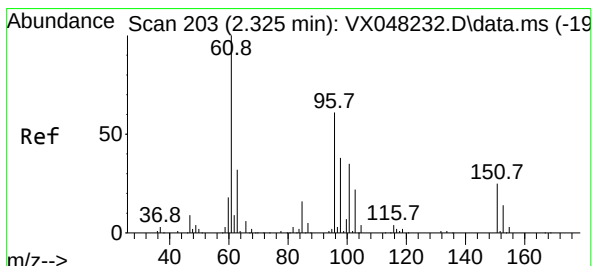
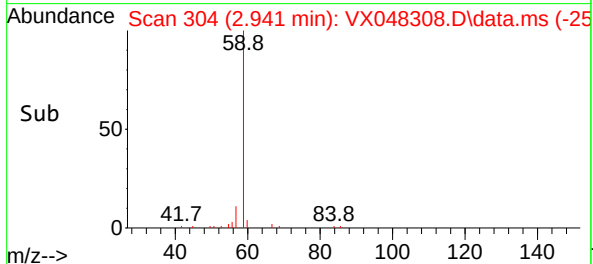
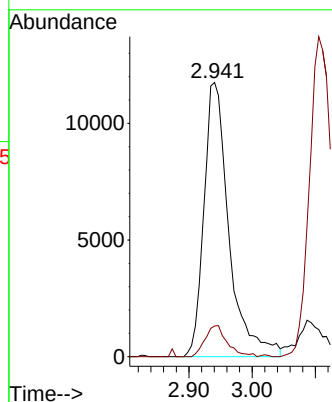
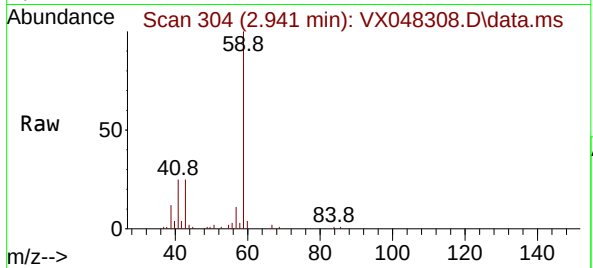




#11
Tert butyl alcohol
Concen: 140.093 ug/l
RT: 2.941 min Scan# 305
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

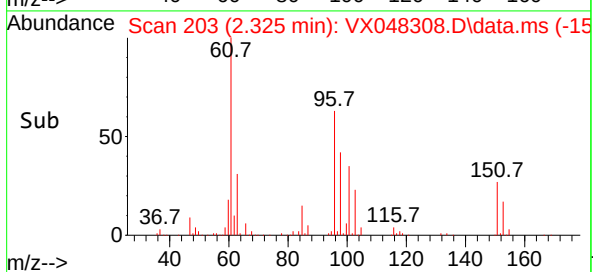
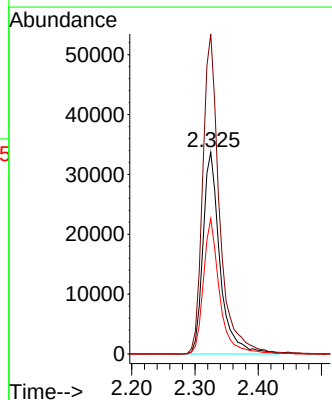
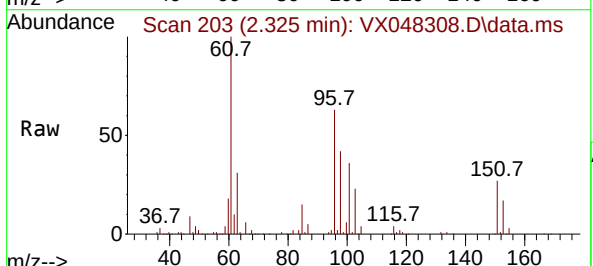
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

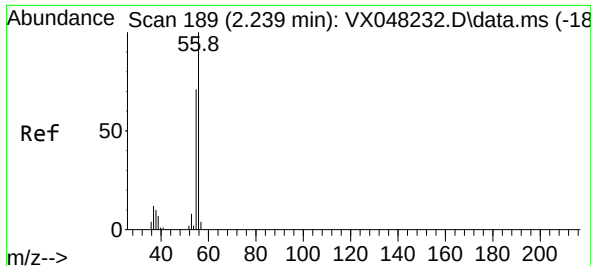
Tgt Ion: 59 Resp: 32336
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4



#12
1,1-Dichloroethene
Concen: 36.180 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 96 Resp: 62980
Ion Ratio Lower Upper
96 100
61 158.6 139.0 208.6
98 67.0 52.4 78.6

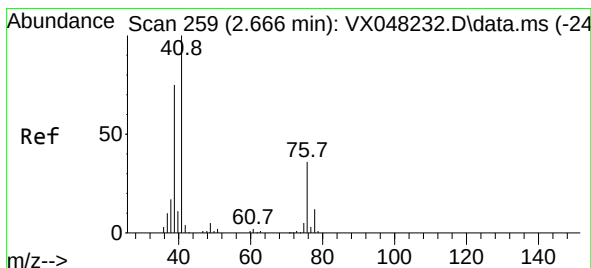
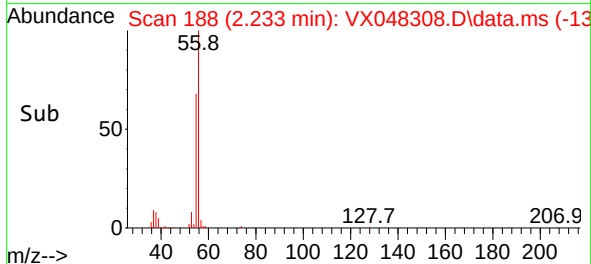
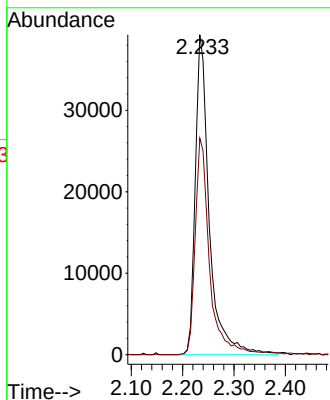
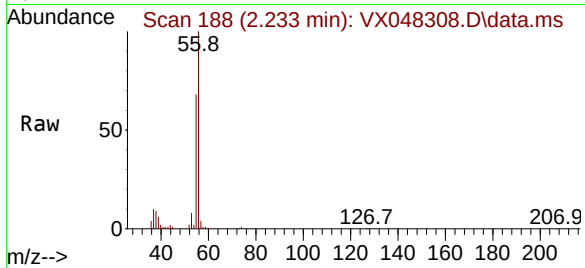




#13
Acrolein
Concen: 315.647 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

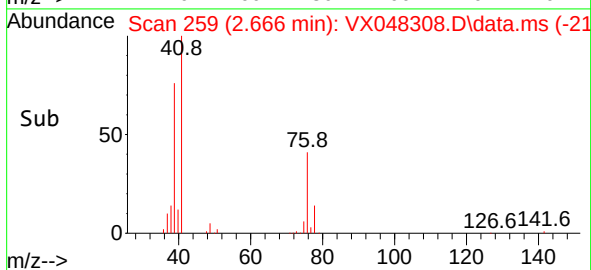
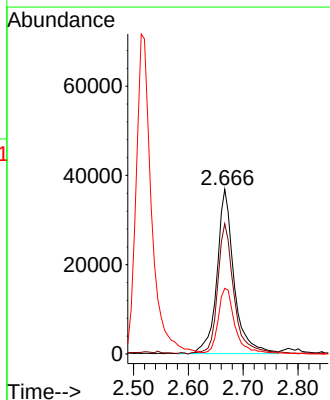
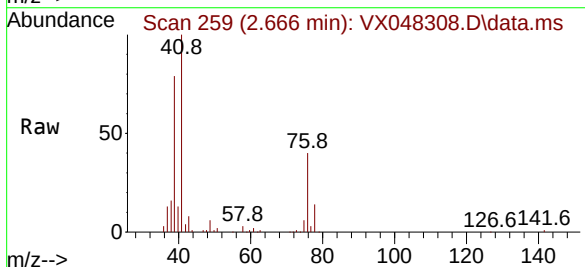
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

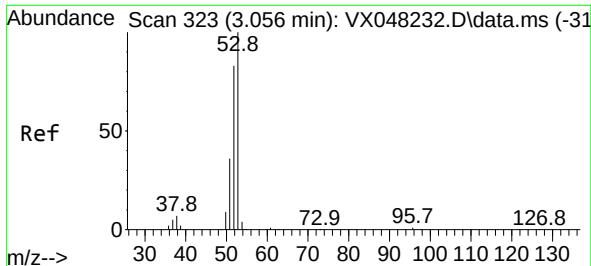
Tgt Ion: 56 Resp: 74306
Ion Ratio Lower Upper
56 100
55 68.9 56.1 84.1



#14
Allyl chloride
Concen: 27.644 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 41 Resp: 79895
Ion Ratio Lower Upper
41 100
39 76.8 56.0 84.0
76 39.9 27.5 41.3

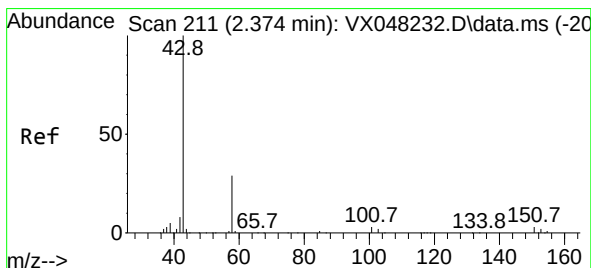
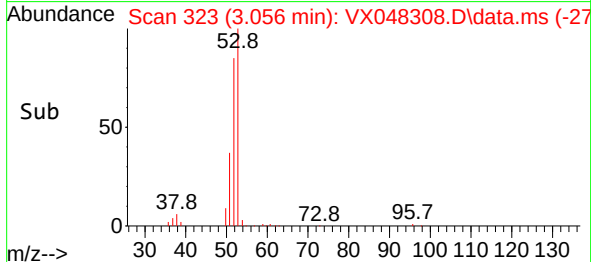
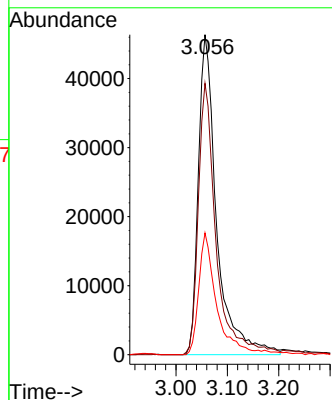
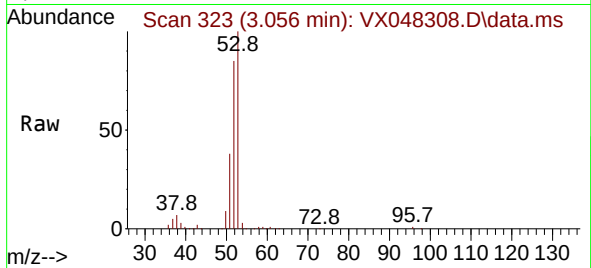




#15
Acrylonitrile
Concen: 138.075 ug/l
RT: 3.056 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

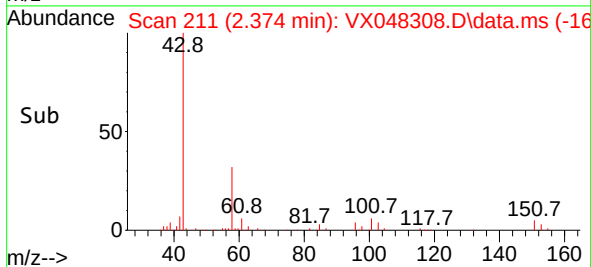
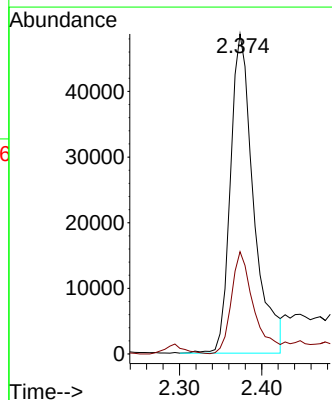
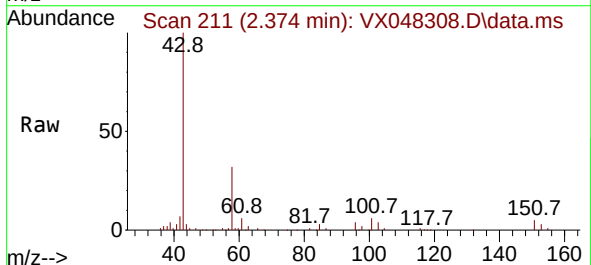
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

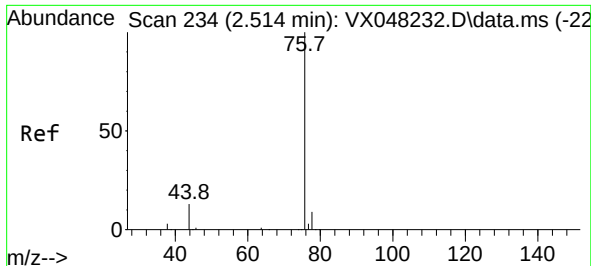
Tgt Ion: 53 Resp: 114921
Ion Ratio Lower Upper
53 100
52 82.3 66.1 99.1
51 36.4 29.0 43.4



#16
Acetone
Concen: 120.131 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 43 Resp: 95807
Ion Ratio Lower Upper
43 100
58 30.3 23.4 35.2

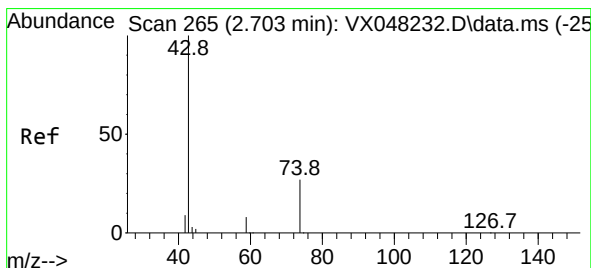
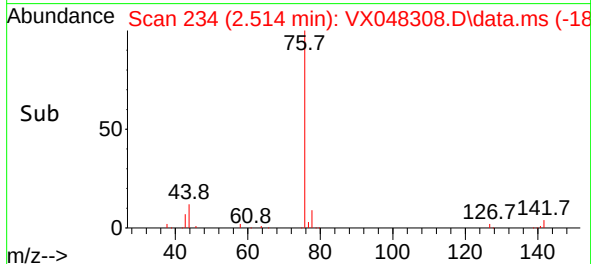
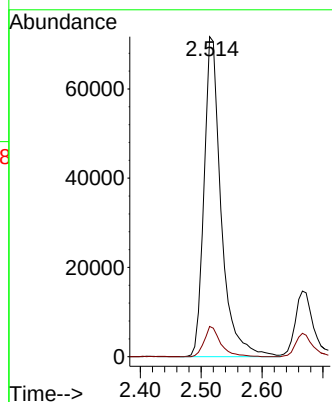
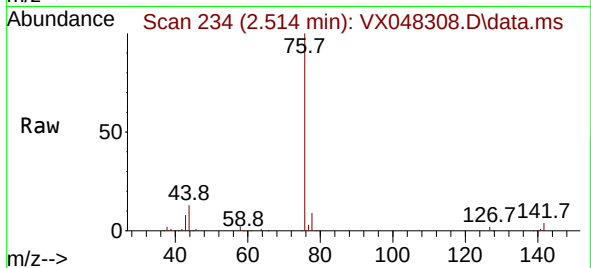




#17
Carbon Disulfide
Concen: 25.495 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

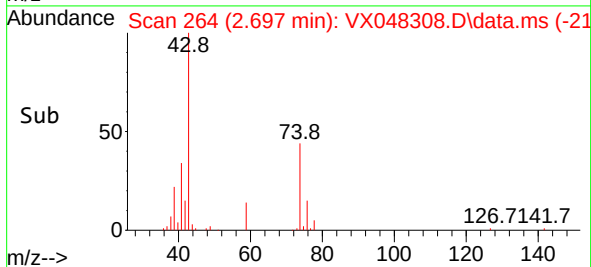
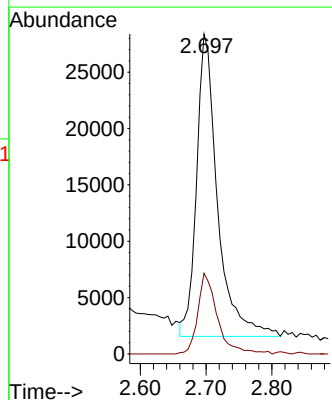
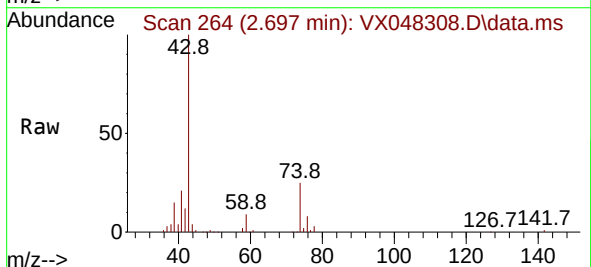
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

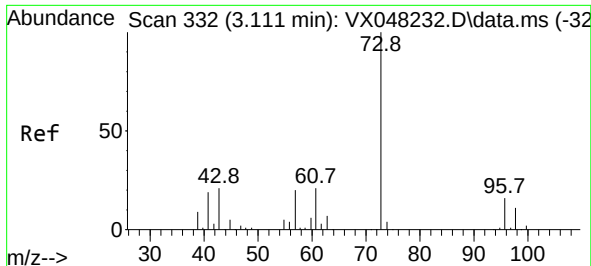
Tgt Ion: 76 Resp: 139872
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7



#18
Methyl Acetate
Concen: 35.728 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 43 Resp: 59506
Ion Ratio Lower Upper
43 100
74 24.9 17.5 26.3

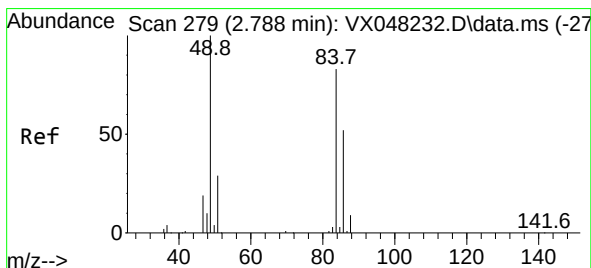
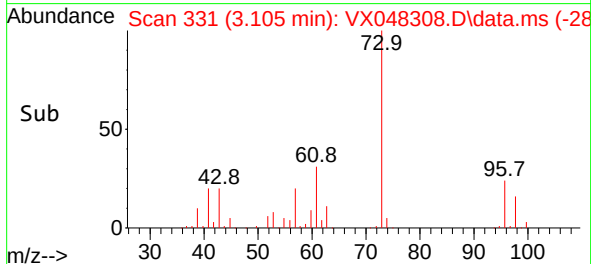
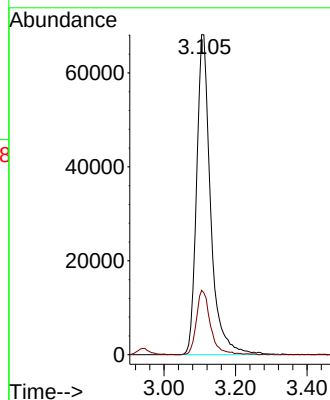
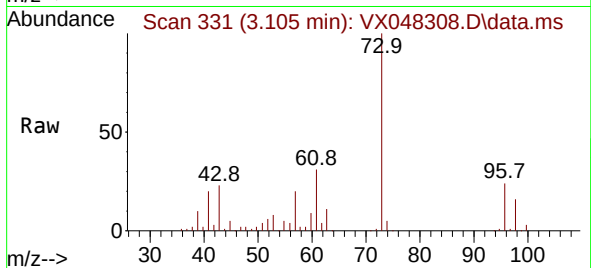




#19
Methyl tert-butyl Ether
Concen: 31.207 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

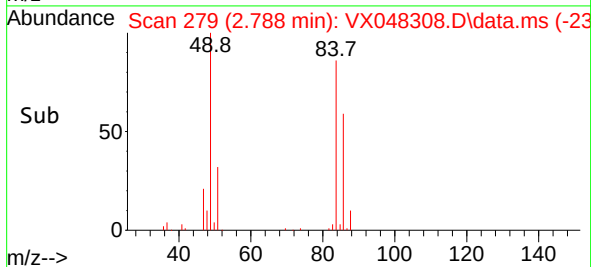
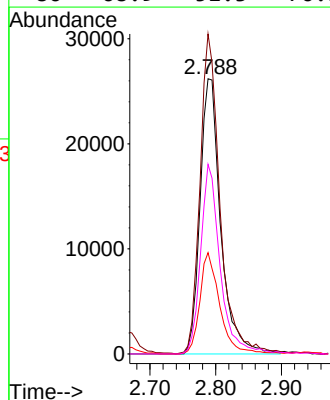
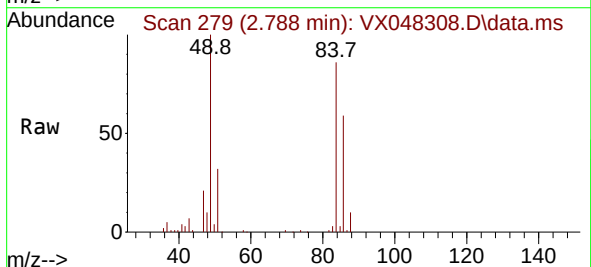
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

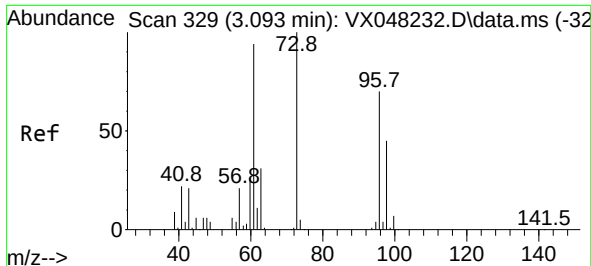
Tgt Ion: 73 Resp: 185328
Ion Ratio Lower Upper
73 100
57 20.1 17.7 26.5



#20
Methylene Chloride
Concen: 29.518 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 84 Resp: 57361
Ion Ratio Lower Upper
84 100
49 115.9 104.1 156.1
51 36.8 31.3 46.9
86 68.9 51.3 76.9

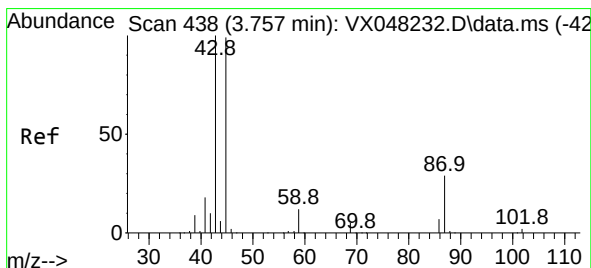
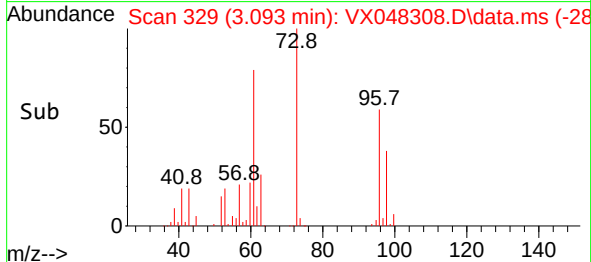
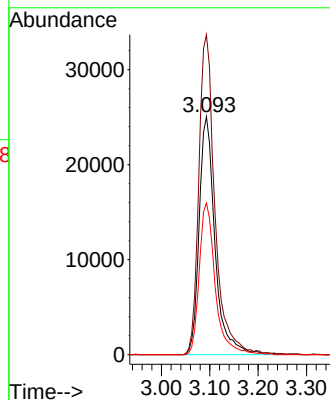
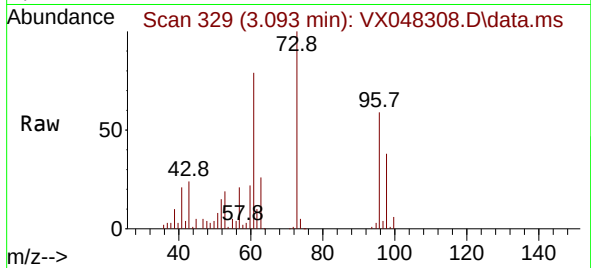




#21
trans-1,2-Dichloroethene
Concen: 29.957 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

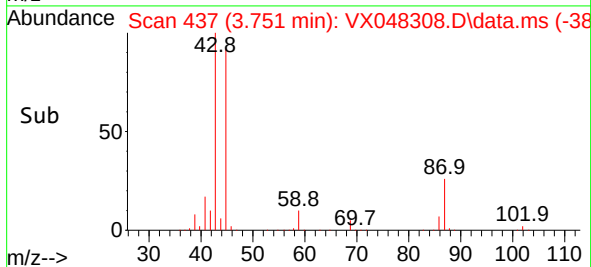
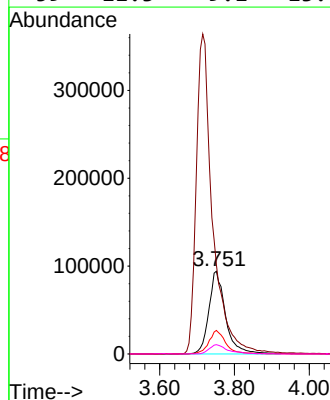
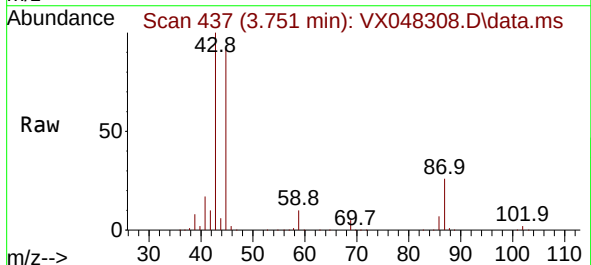
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

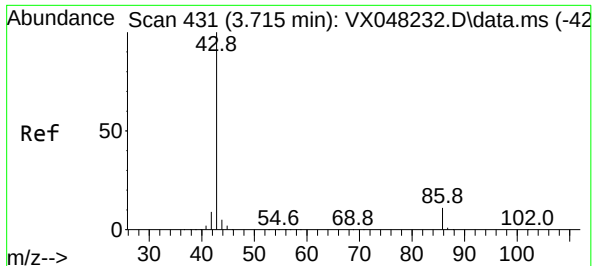
Tgt Ion: 96 Resp: 57282
Ion Ratio Lower Upper
96 100
61 134.5 111.9 167.9
98 63.8 51.2 76.8



#22
Diisopropyl ether
Concen: 50.635 ug/l
RT: 3.751 min Scan# 437
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 45 Resp: 291884
Ion Ratio Lower Upper
45 100
43 108.0 89.8 134.8
87 28.4 20.6 31.0
59 11.3 9.1 13.7

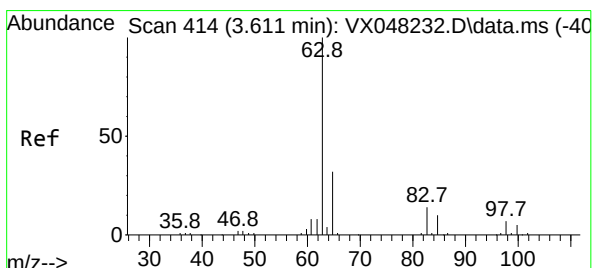
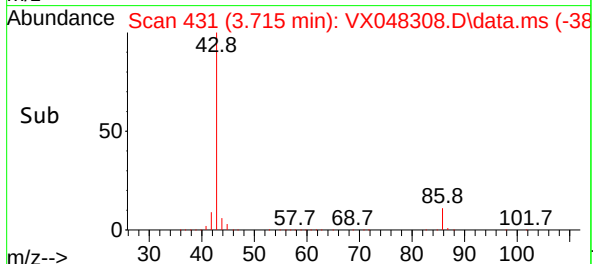
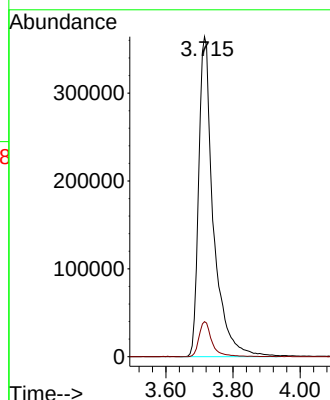
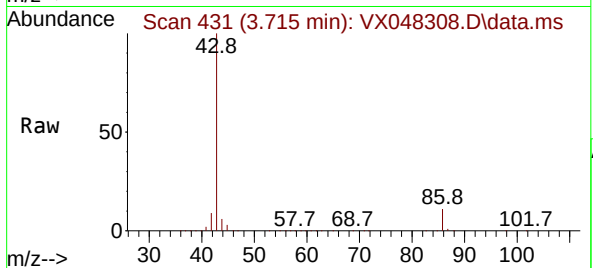




#23
 Vinyl Acetate
 Concen: 241.211 ug/l
 RT: 3.715 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VX048308.D
 Acq: 22 Oct 2025 18:36

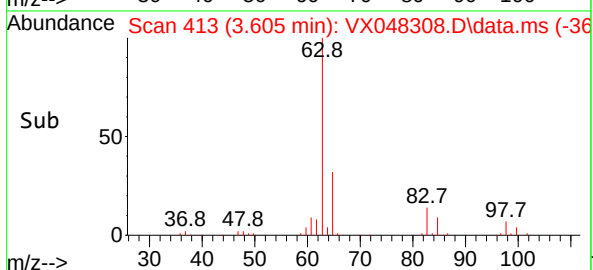
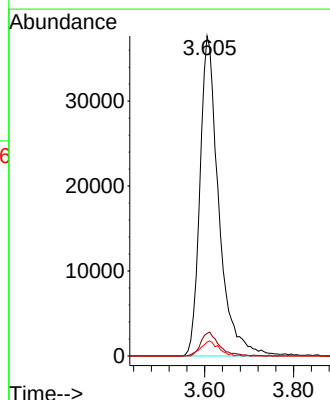
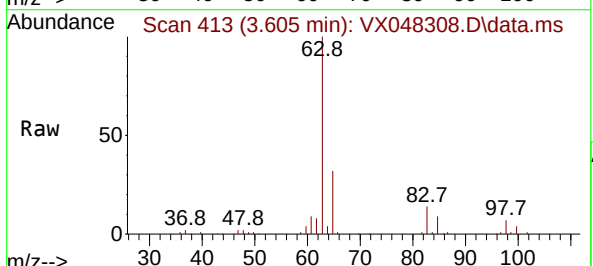
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

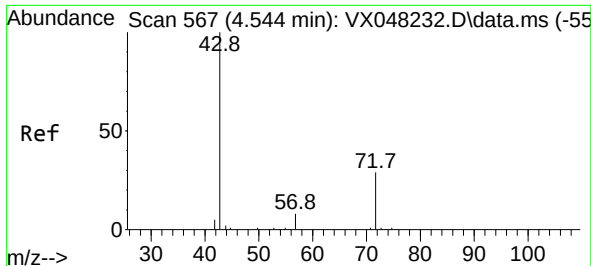
Tgt Ion: 43 Resp: 1110692
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 31.824 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX048308.D
 Acq: 22 Oct 2025 18:36

Tgt Ion: 63 Resp: 110925
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.5 10.6
 100 4.4 2.1 6.3

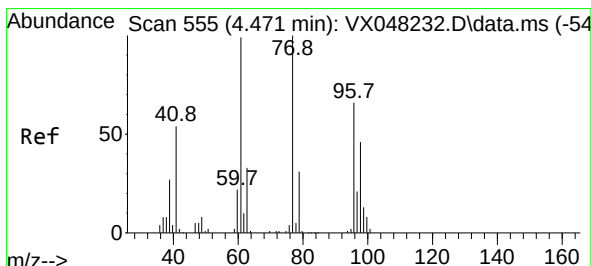
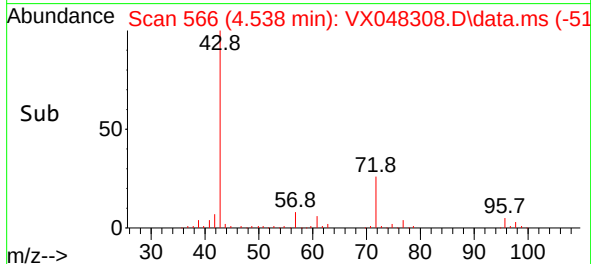
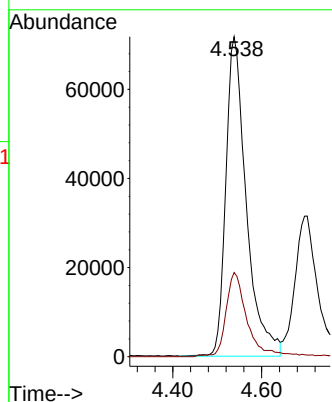
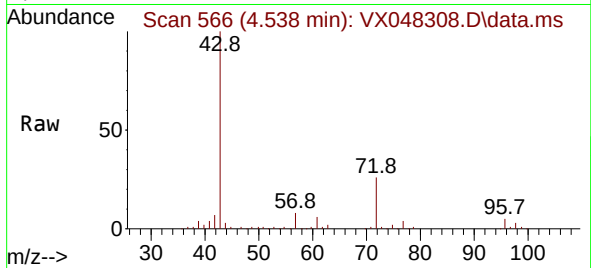




#25
2-Butanone
Concen: 226.319 ug/l
RT: 4.538 min Scan# 566
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

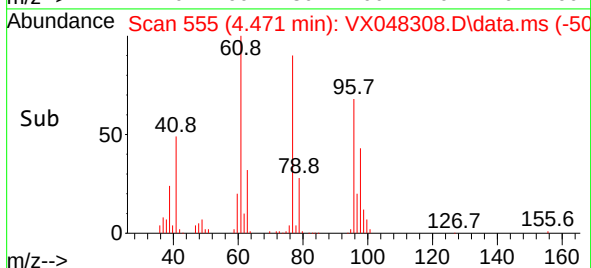
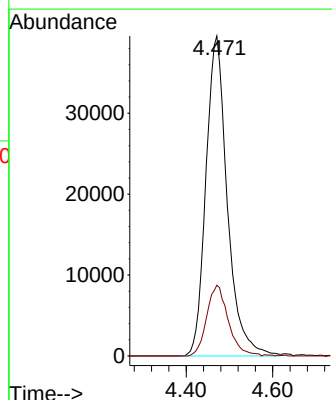
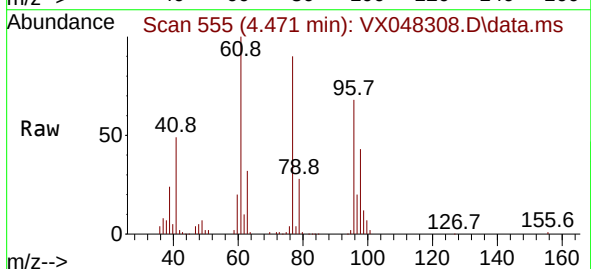
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

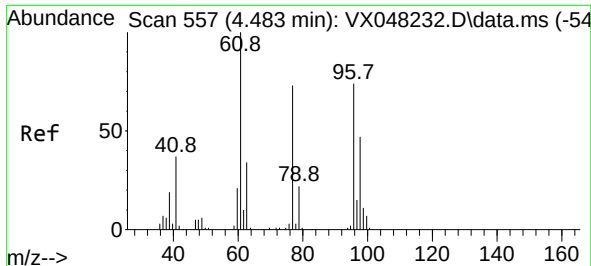
Tgt Ion: 43 Resp: 228459
Ion Ratio Lower Upper
43 100
72 26.4 19.9 29.9



#26
2,2-Dichloropropane
Concen: 43.131 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 77 Resp: 135695
Ion Ratio Lower Upper
77 100
97 22.2 11.1 33.3

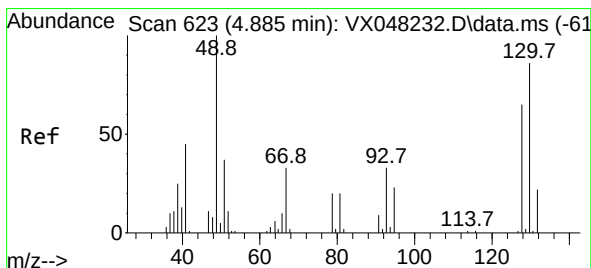
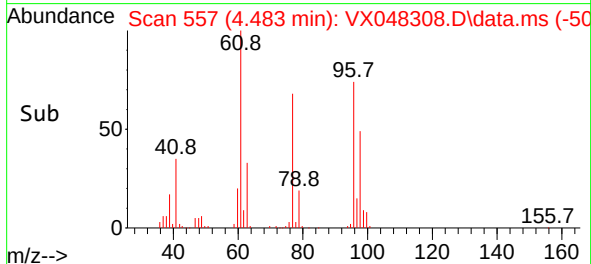
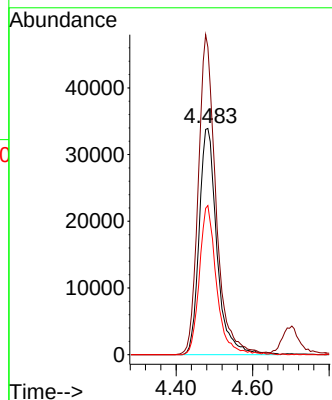
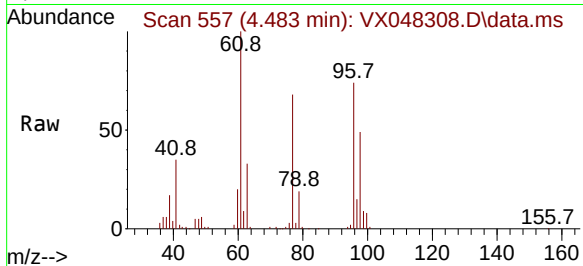




#27
 cis-1,2-Dichloroethene
 Concen: 49.014 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX048308.D
 Acq: 22 Oct 2025 18:36

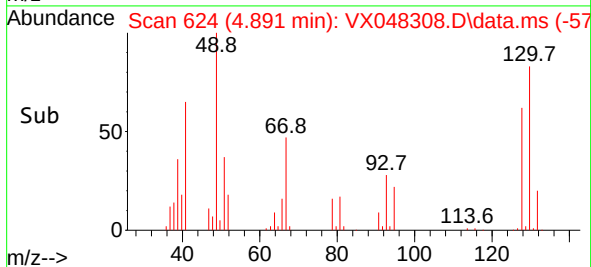
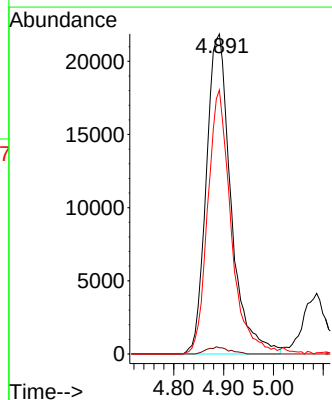
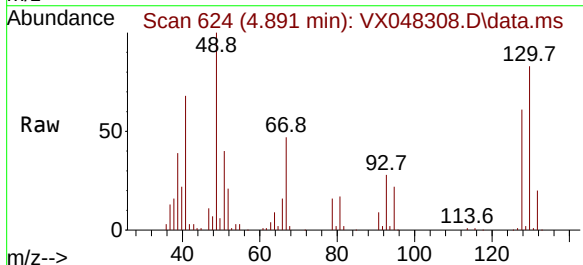
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

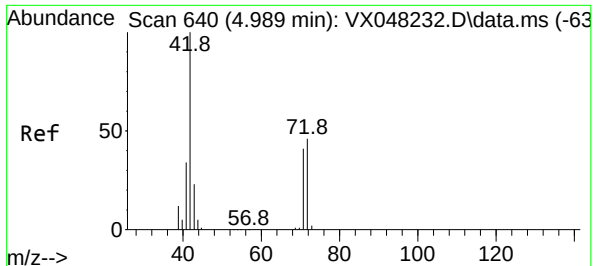
Tgt Ion: 96 Resp: 109379
 Ion Ratio Lower Upper
 96 100
 61 139.8 0.0 294.2
 98 63.6 0.0 128.4



#28
 Bromochloromethane
 Concen: 51.950 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. 0.006 min
 Lab File: VX048308.D
 Acq: 22 Oct 2025 18:36

Tgt Ion: 49 Resp: 75080
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.4
 130 77.9 59.3 88.9





#29

Tetrahydrofuran

Concen: 250.563 ug/l

RT: 4.989 min Scan# 64

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

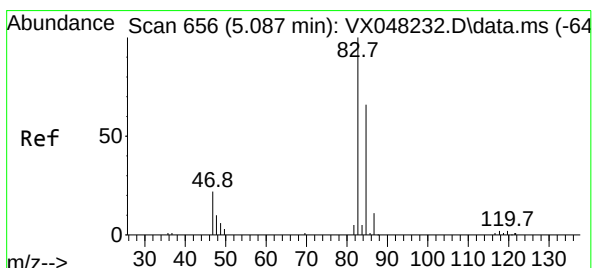
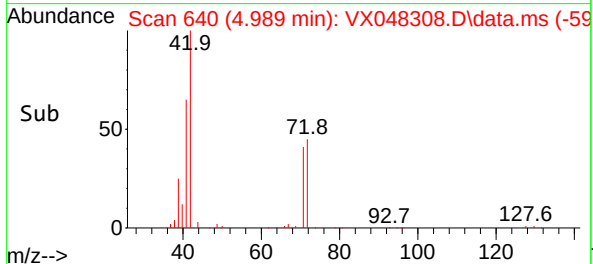
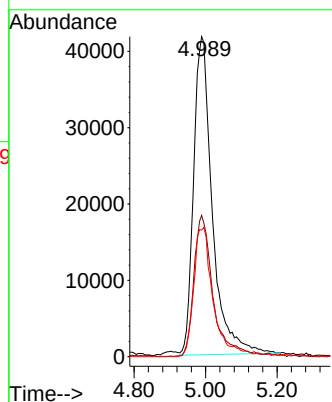
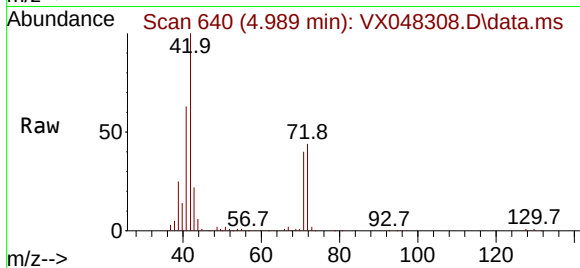
Tgt Ion: 42 Resp: 151482

Ion Ratio Lower Upper

42 100

72 44.8 35.3 52.9

71 42.8 32.2 48.4



#30

Chloroform

Concen: 45.928 ug/l

RT: 5.080 min Scan# 655

Delta R.T. 0.000 min

Lab File: VX048308.D

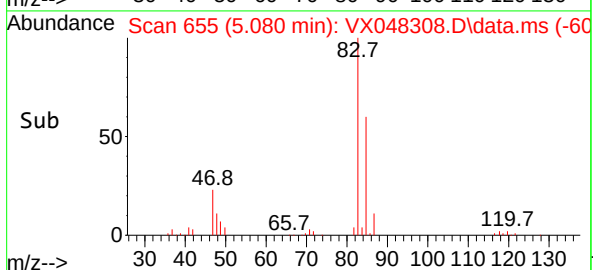
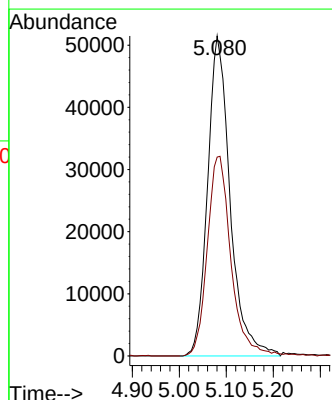
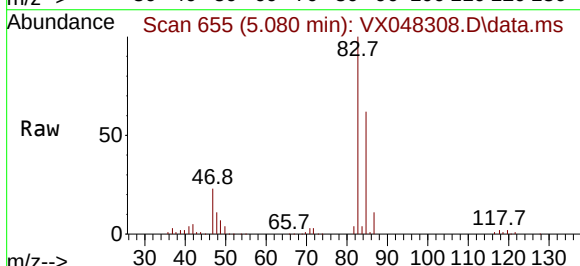
Acq: 22 Oct 2025 18:36

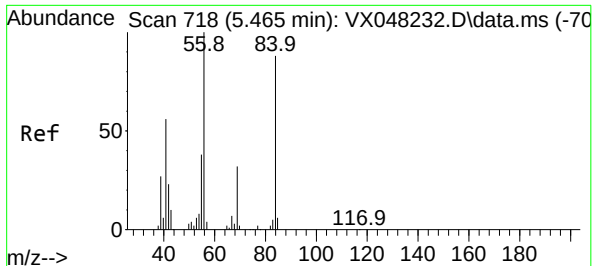
Tgt Ion: 83 Resp: 171030

Ion Ratio Lower Upper

83 100

85 62.2 50.1 75.1

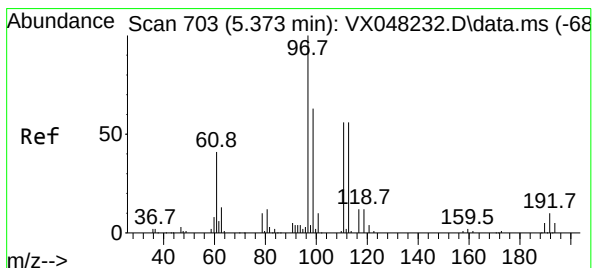
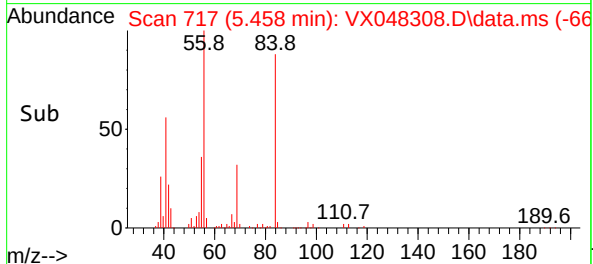
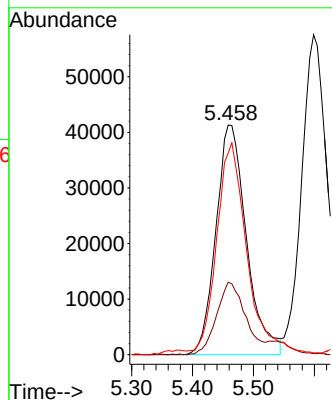
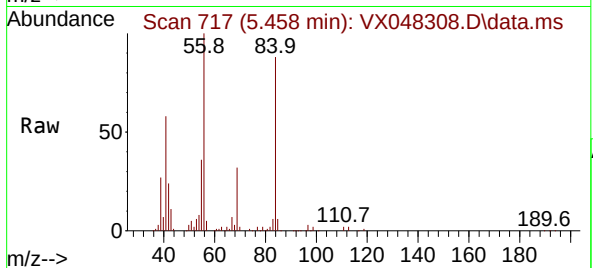




#31
Cyclohexane
Concen: 49.868 ug/l
RT: 5.458 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

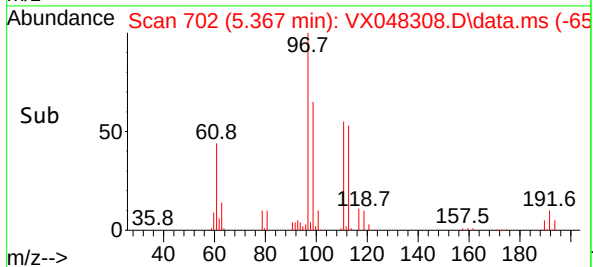
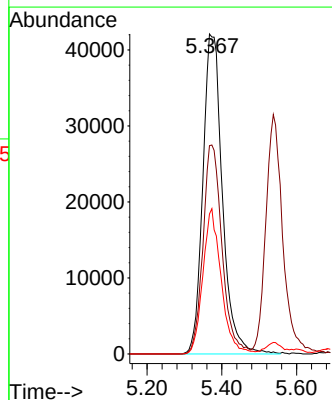
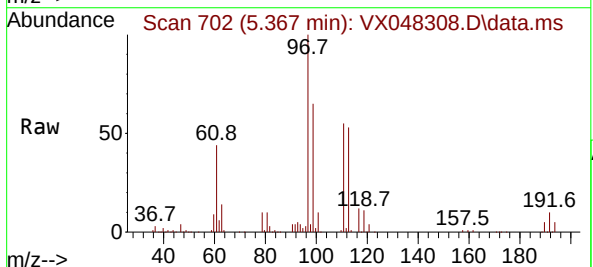
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

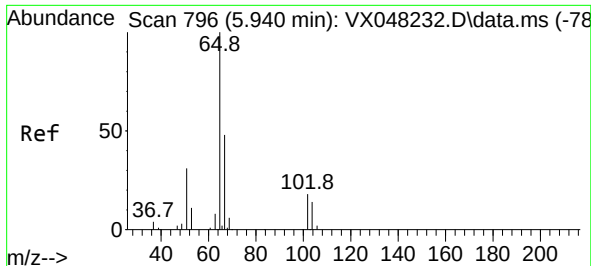
Tgt Ion: 56 Resp: 143903
Ion Ratio Lower Upper
56 100
69 31.2 23.0 34.6
84 85.7 64.6 97.0



#32
1,1,1-Trichloroethane
Concen: 44.558 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 97 Resp: 152924
Ion Ratio Lower Upper
97 100
99 63.5 51.7 77.5
61 42.5 34.8 52.2





#33

1,2-Dichloroethane-d4

Concen: 42.315 ug/l

RT: 5.940 min Scan# 796

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

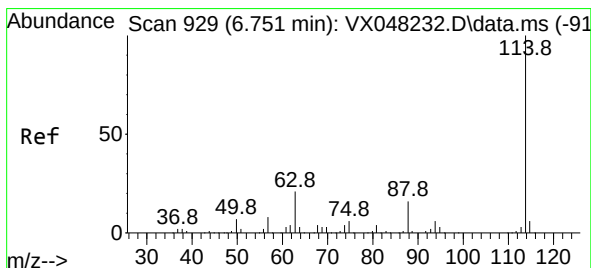
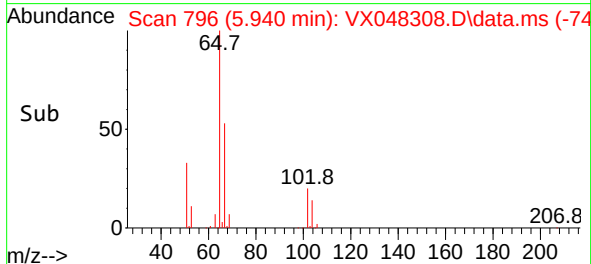
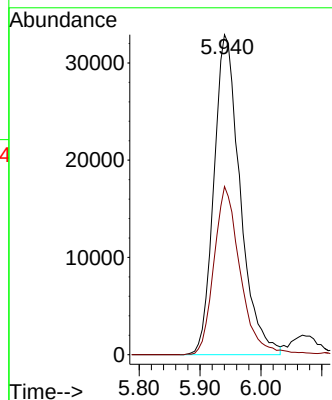
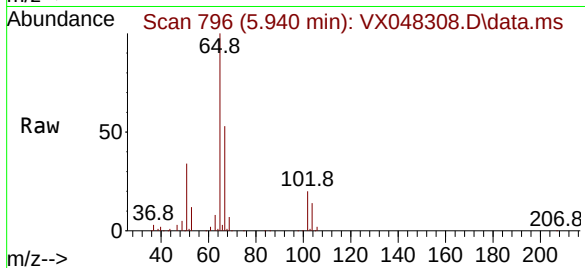
VSTDCCC050EC

Tgt Ion: 65 Resp: 98371

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

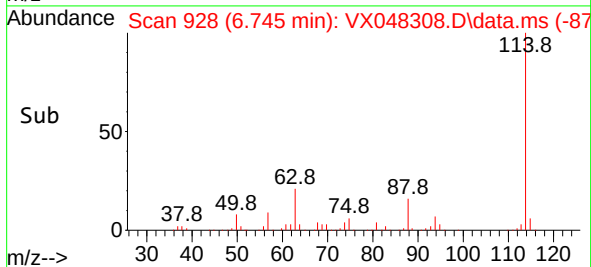
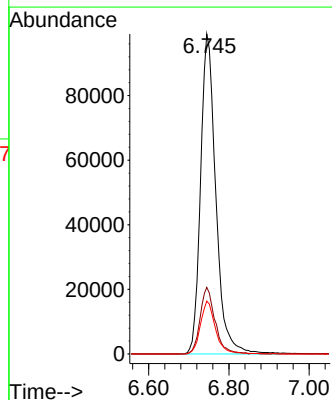
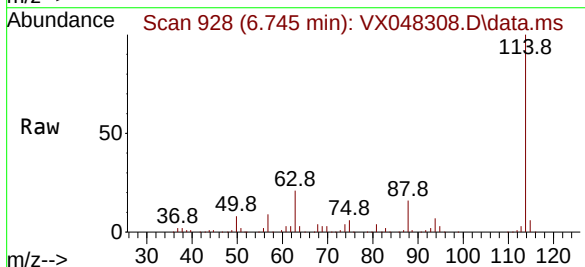
Tgt Ion: 114 Resp: 262018

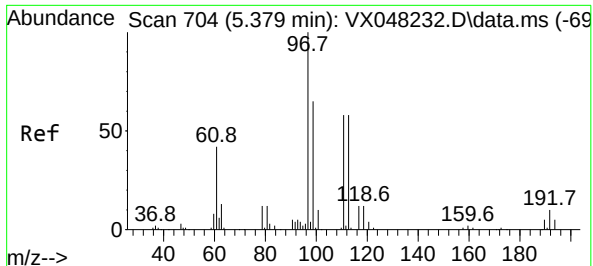
Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.2

88 16.5 0.0 33.6

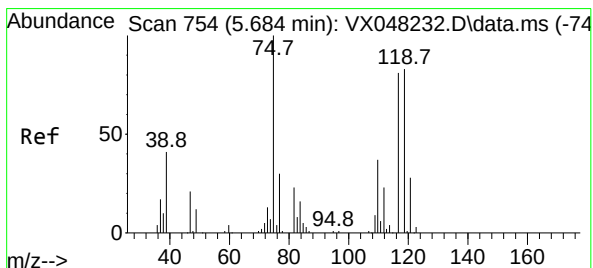
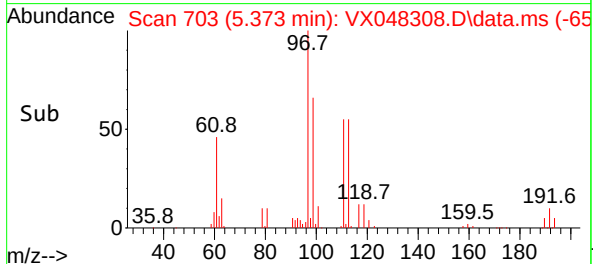
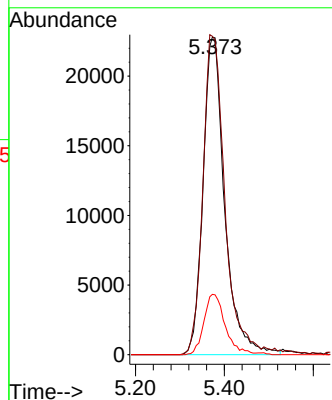
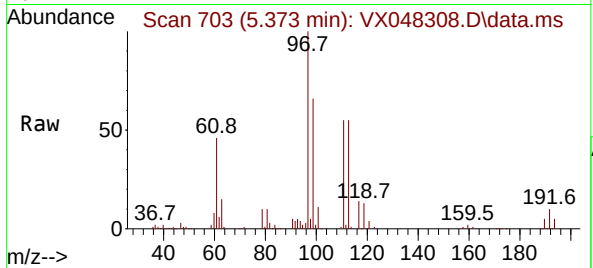




#35
Dibromofluoromethane
Concen: 43.158 ug/l
RT: 5.373 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

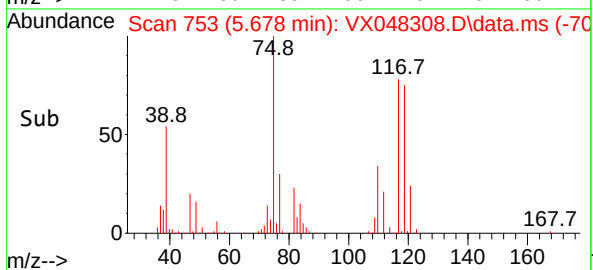
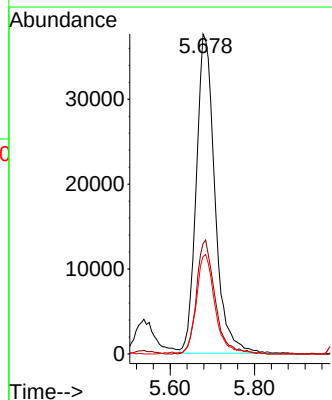
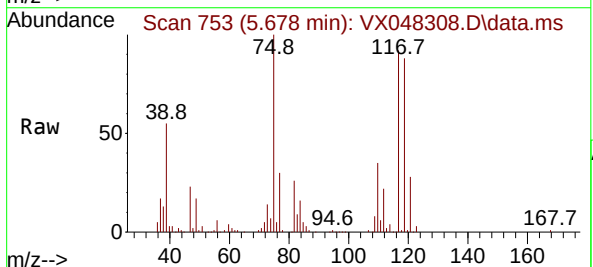
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

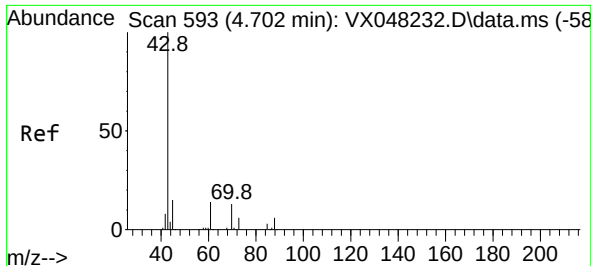
Tgt Ion:113 Resp: 77200
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.4
192 18.7 15.1 22.7



#36
1,1-Dichloropropene
Concen: 45.375 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 75 Resp: 115364
Ion Ratio Lower Upper
75 100
110 35.6 17.7 53.1
77 31.5 24.3 36.5

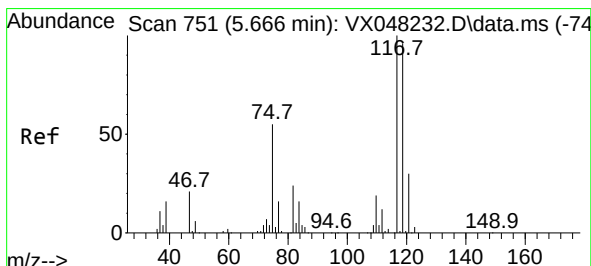
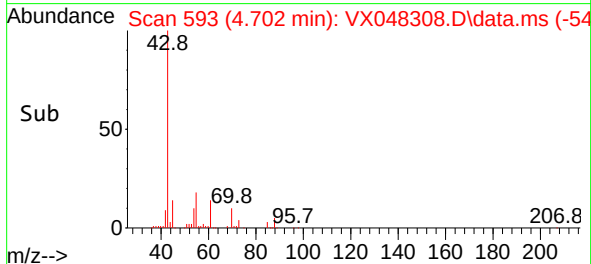
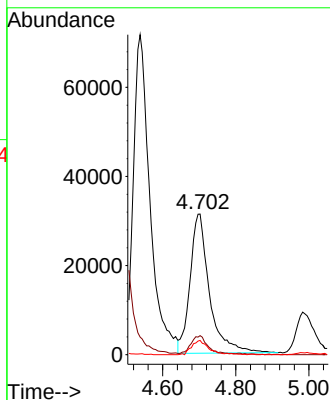
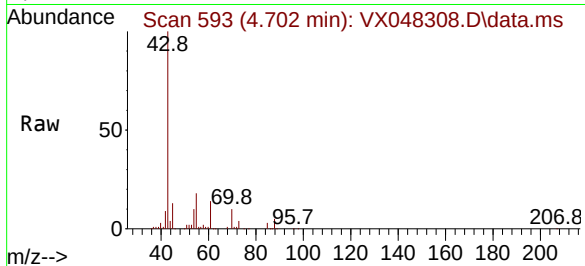




#37
Ethyl Acetate
Concen: 54.827 ug/l
RT: 4.702 min Scan# 593
Delta R.T. 0.006 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

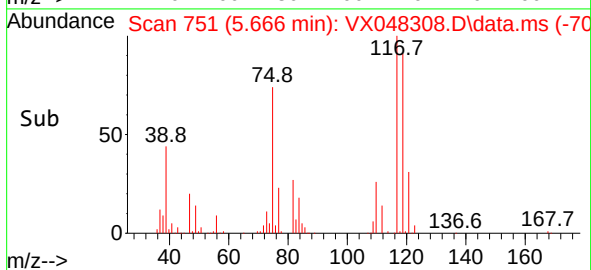
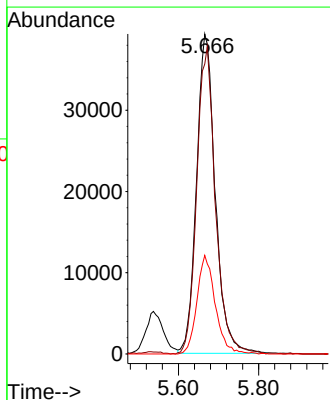
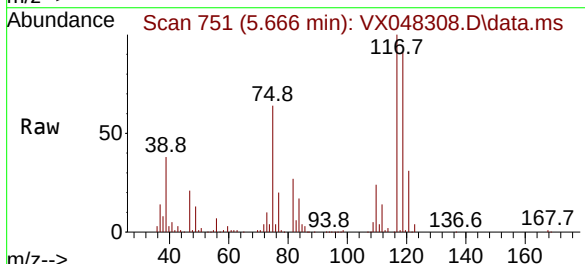
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

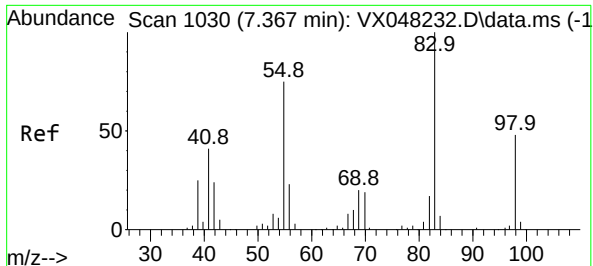
Tgt Ion: 43 Resp: 115541
Ion Ratio Lower Upper
43 100
61 10.7 10.6 15.8
70 8.7 7.8 11.6



#38
Carbon Tetrachloride
Concen: 40.741 ug/l
RT: 5.666 min Scan# 751
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 117 Resp: 127792
Ion Ratio Lower Upper
117 100
119 90.7 77.2 115.8
121 30.9 24.8 37.2

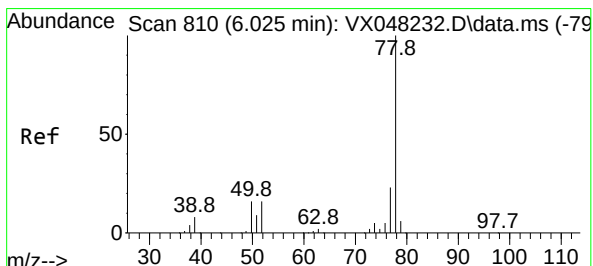
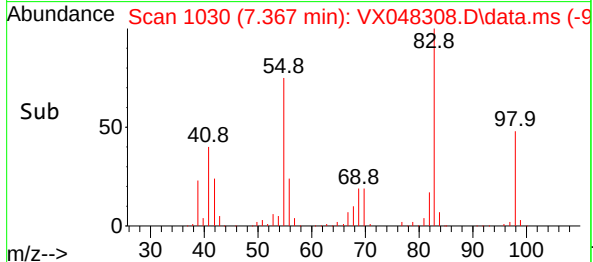
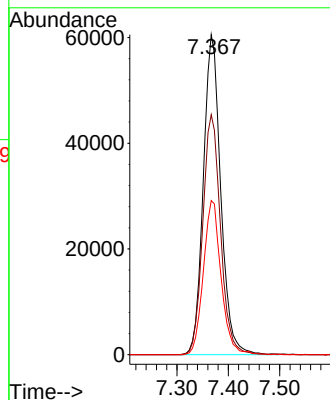
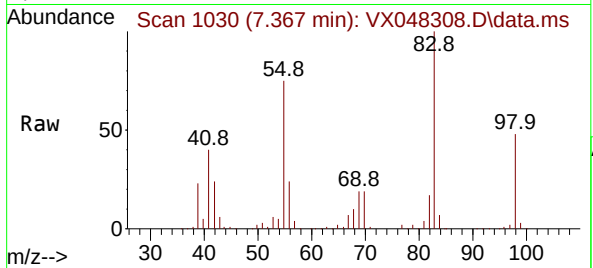




#39
Methylcyclohexane
Concen: 47.470 ug/l
RT: 7.367 min Scan# 10
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

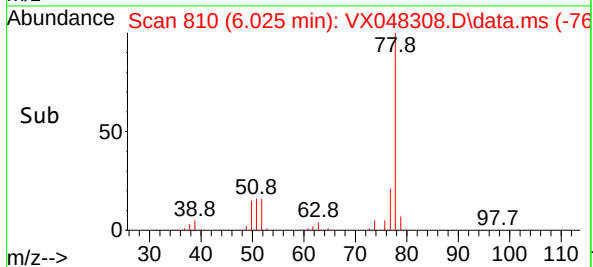
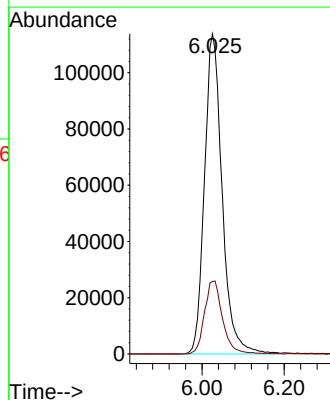
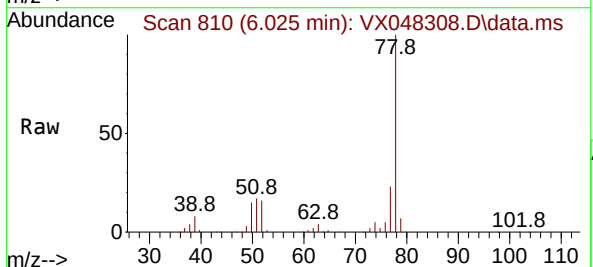
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

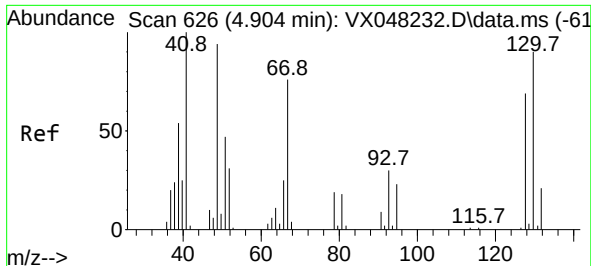
Tgt Ion: 83 Resp: 142533
Ion Ratio Lower Upper
83 100
55 75.0 66.2 99.2
98 48.2 38.9 58.3



#40
Benzene
Concen: 46.000 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 78 Resp: 339549
Ion Ratio Lower Upper
78 100
77 22.7 19.3 28.9

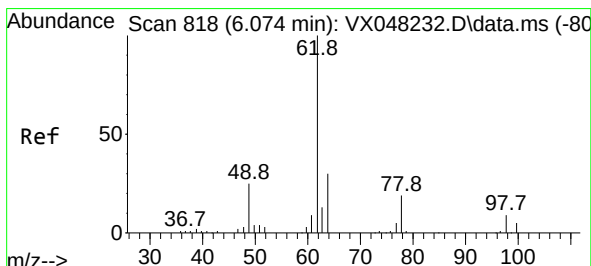
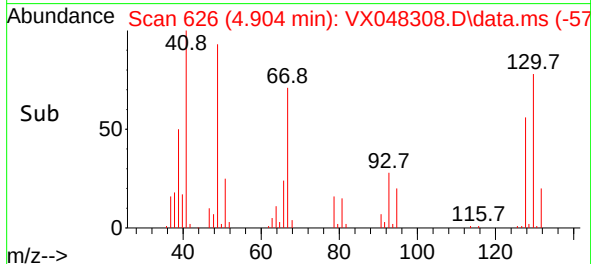
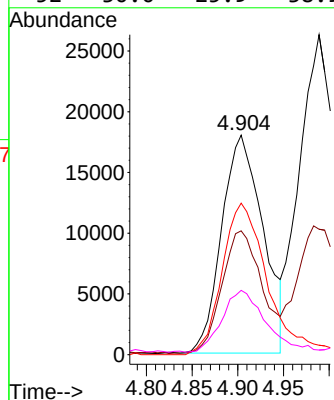
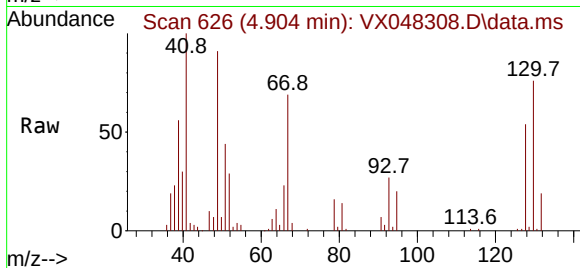




#41
Methacrylonitrile
Concen: 51.006 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

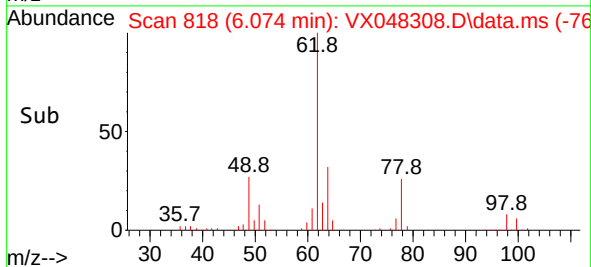
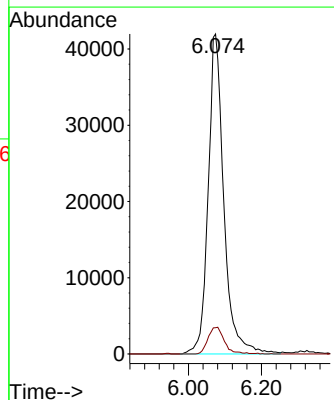
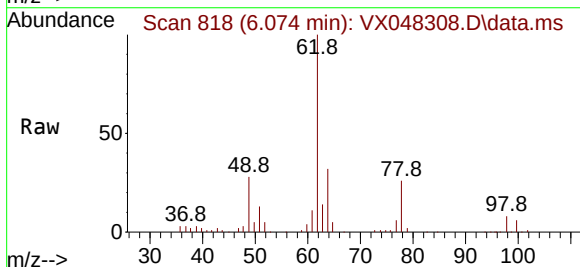
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

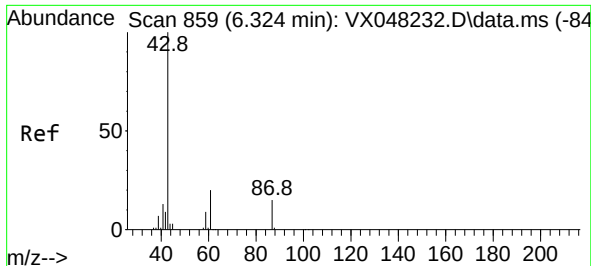
Tgt Ion:	41	Resp:	56448
Ion	Ratio	Lower	Upper
41	100		
39	54.7	44.0	66.0
67	77.8	58.7	88.1
52	30.0	25.9	38.9



#42
1,2-Dichloroethane
Concen: 45.697 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:	62	Resp:	124472
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.2

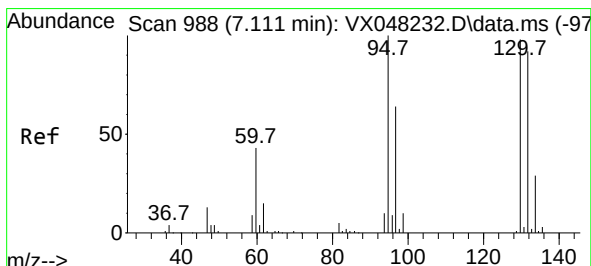
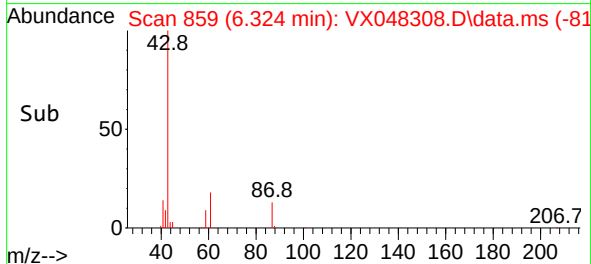
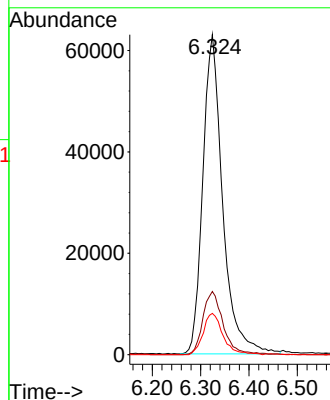
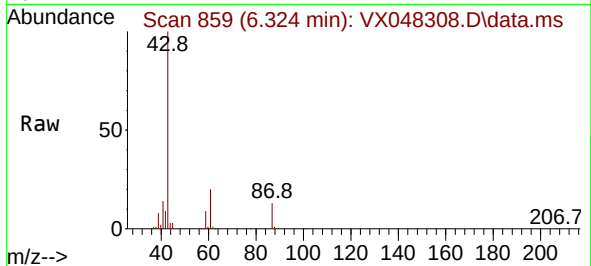




#43
Isopropyl Acetate
Concen: 51.932 ug/l
RT: 6.324 min Scan# 859
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

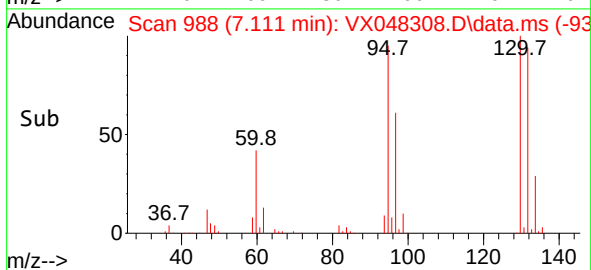
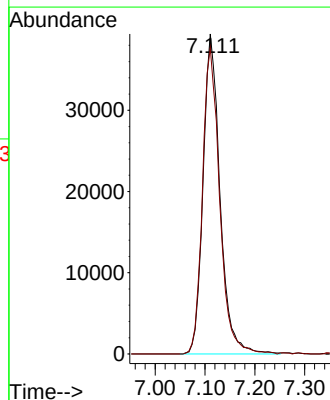
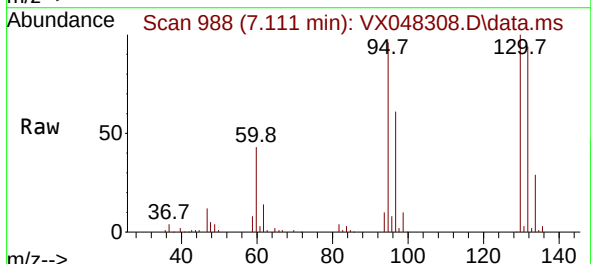
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

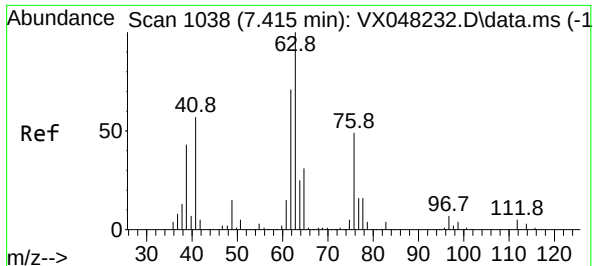
Tgt Ion: 43 Resp: 179767
Ion Ratio Lower Upper
43 100
61 20.2 14.9 22.3
87 12.9 9.4 14.2



#44
Trichloroethene
Concen: 47.655 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:130 Resp: 92885
Ion Ratio Lower Upper
130 100
95 95.6 0.0 200.6





#45

1,2-Dichloropropane

Concen: 50.369 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

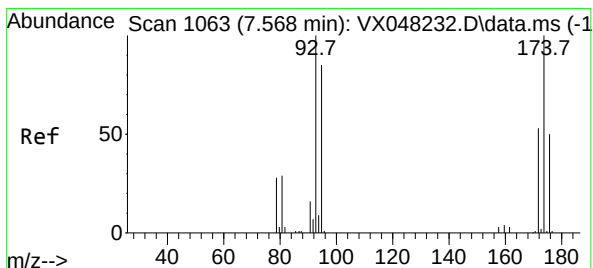
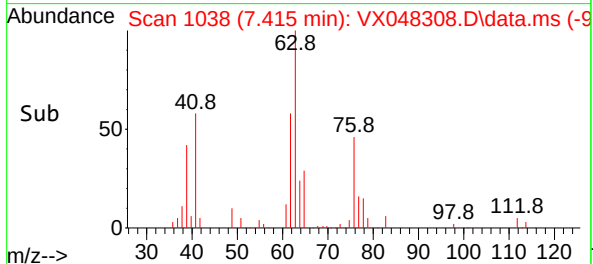
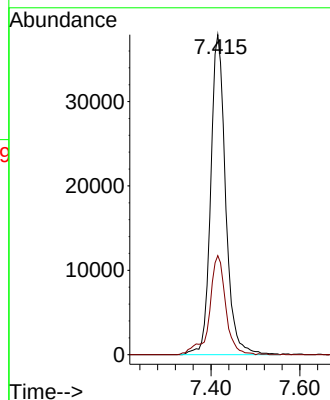
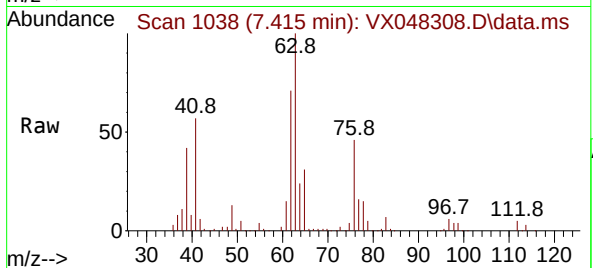
VSTDCCC050EC

Tgt Ion: 63 Resp: 88398

Ion Ratio Lower Upper

63 100

65 30.9 24.1 36.1



#46

Dibromomethane

Concen: 45.095 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

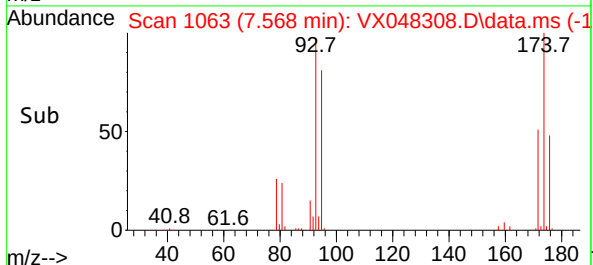
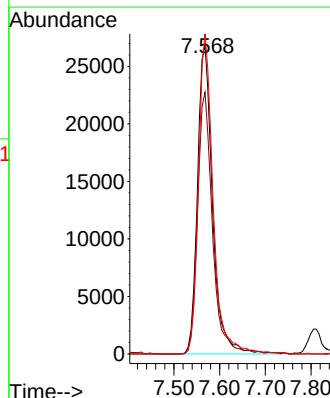
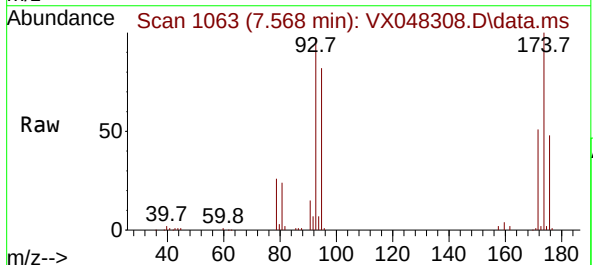
Tgt Ion: 93 Resp: 61658

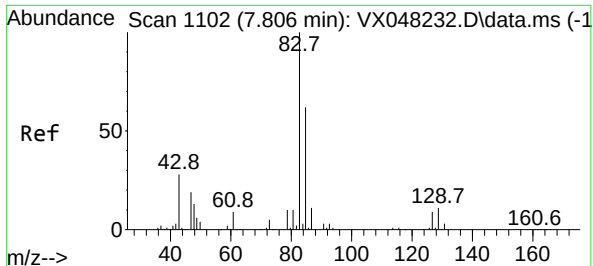
Ion Ratio Lower Upper

93 100

95 83.0 65.9 98.9

174 99.8 71.7 107.5

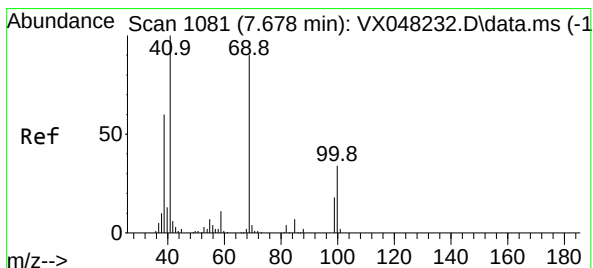
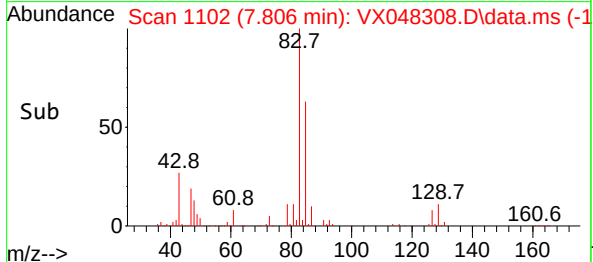
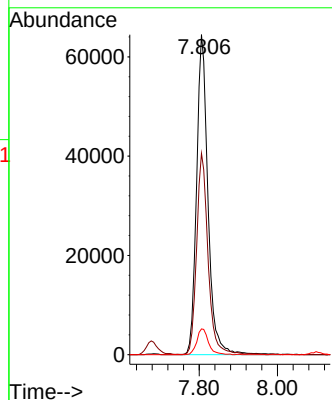
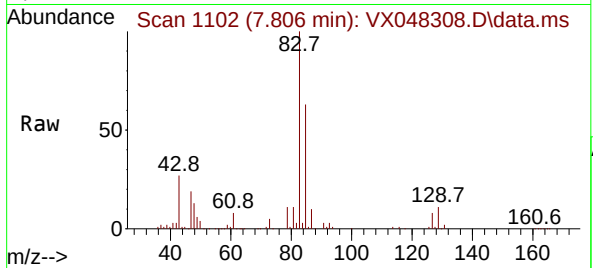




#47
Bromodichloromethane
Concen: 44.420 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

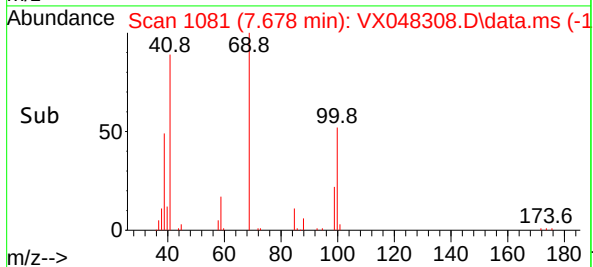
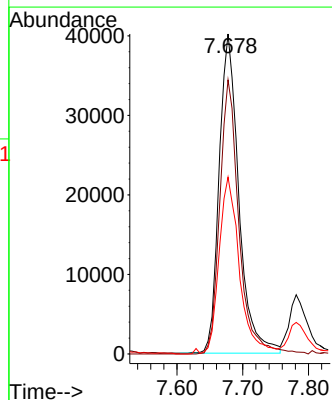
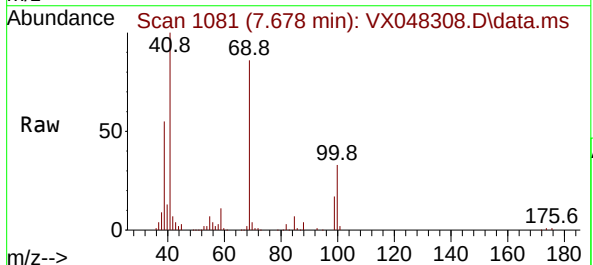
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

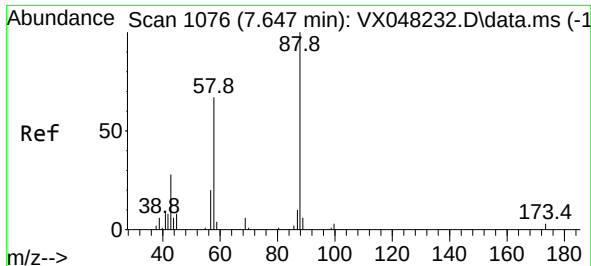
Tgt Ion: 83 Resp: 131135
Ion Ratio Lower Upper
83 100
85 62.8 52.2 78.4
127 8.1 7.3 10.9



#48
Methyl methacrylate
Concen: 48.050 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 41 Resp: 83930
Ion Ratio Lower Upper
41 100
69 83.1 63.4 95.0
39 56.3 47.1 70.7





#49

1,4-Dioxane

Concen: 879.716 ug/l

RT: 7.641 min Scan# 1076

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

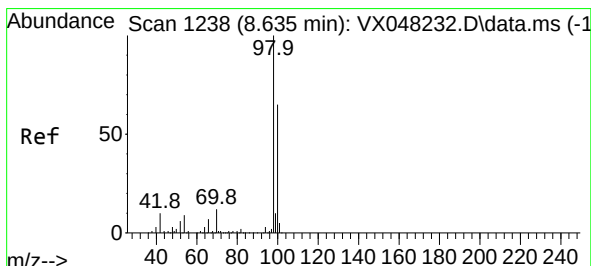
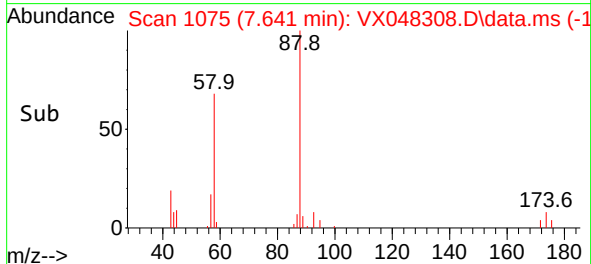
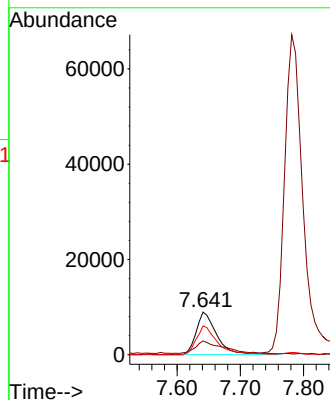
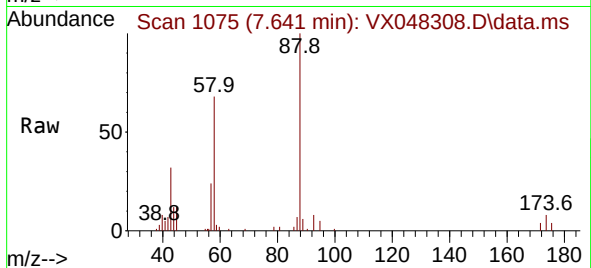
Tgt Ion: 88 Resp: 20301

Ion Ratio Lower Upper

88 100

43 37.9 35.0 52.4

58 69.5 61.9 92.9



#50

Toluene-d8

Concen: 48.945 ug/l

RT: 8.635 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VX048308.D

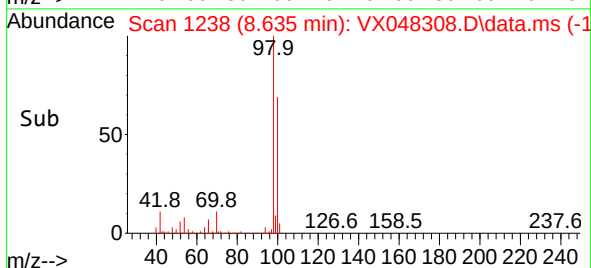
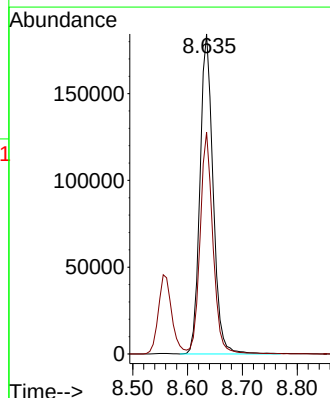
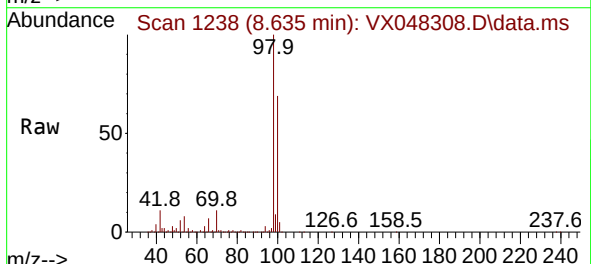
Acq: 22 Oct 2025 18:36

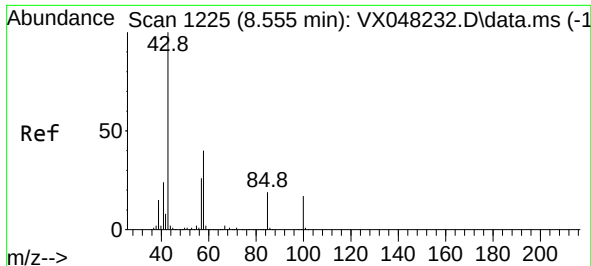
Tgt Ion: 98 Resp: 306881

Ion Ratio Lower Upper

98 100

100 67.6 53.0 79.4

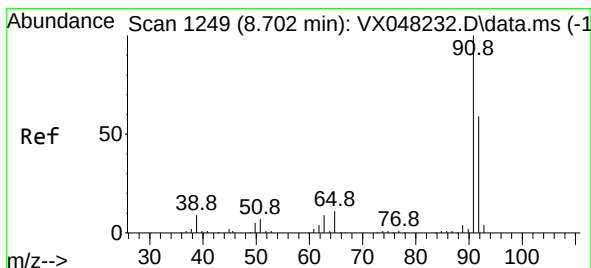
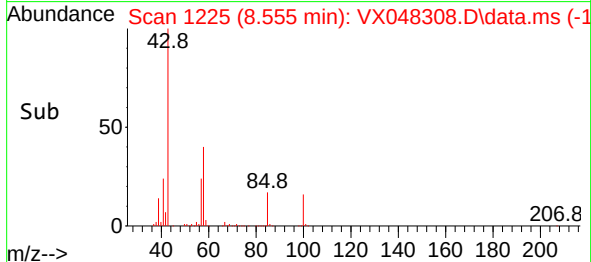
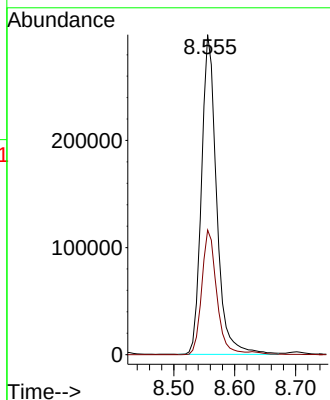
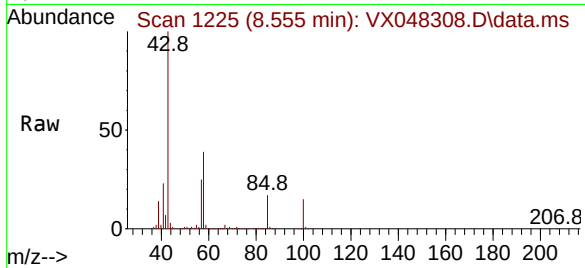




#51
4-Methyl-2-Pentanone
Concen: 259.006 ug/l
RT: 8.555 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

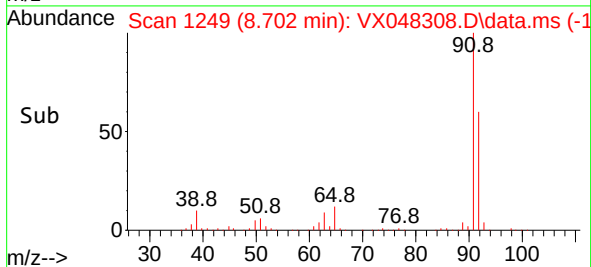
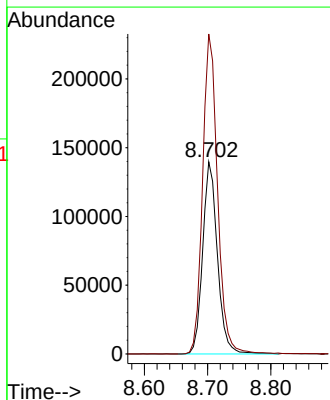
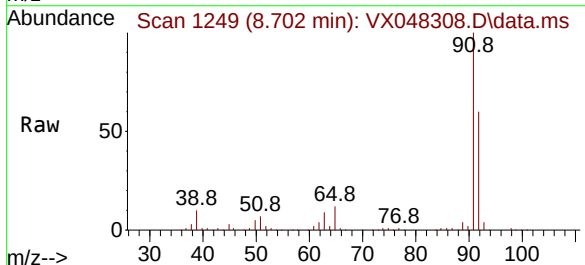
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

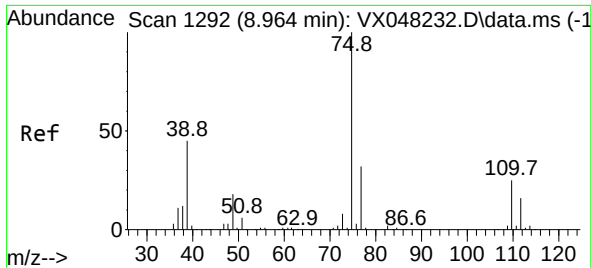
Tgt Ion: 43 Resp: 516932
Ion Ratio Lower Upper
43 100
58 38.5 29.5 44.3



#52
Toluene
Concen: 48.329 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 92 Resp: 226635
Ion Ratio Lower Upper
92 100
91 169.3 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 43.501 ug/l

RT: 8.964 min Scan# 1191

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

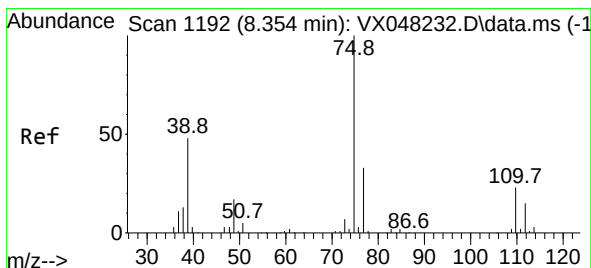
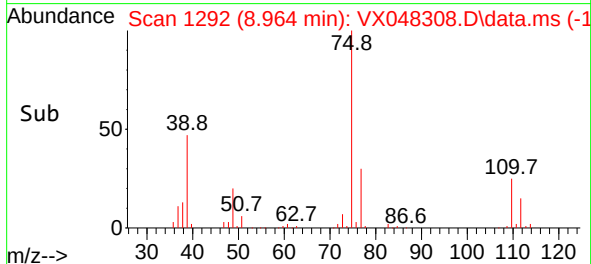
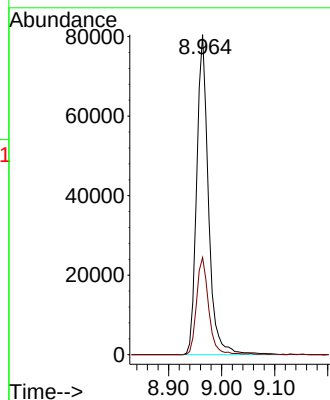
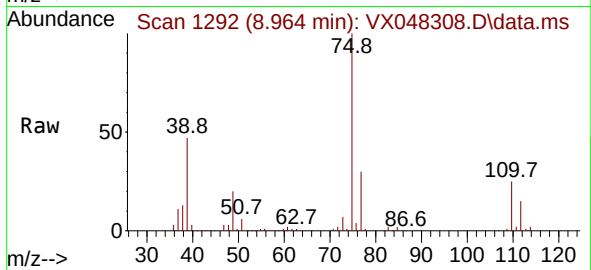
VSTDCCC050EC

Tgt Ion: 75 Resp: 123757

Ion Ratio Lower Upper

75 100

77 30.4 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 42.840 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

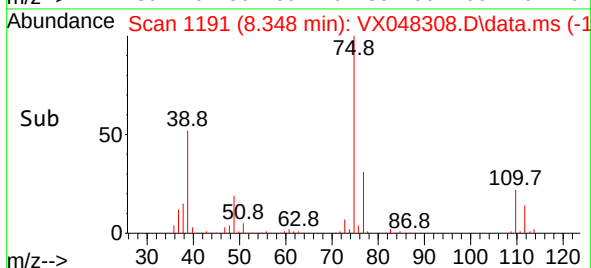
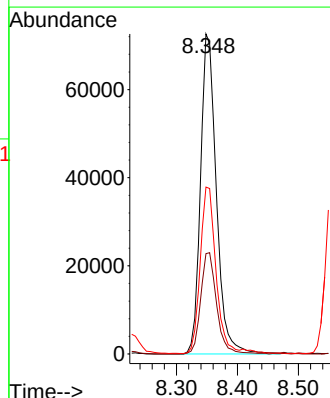
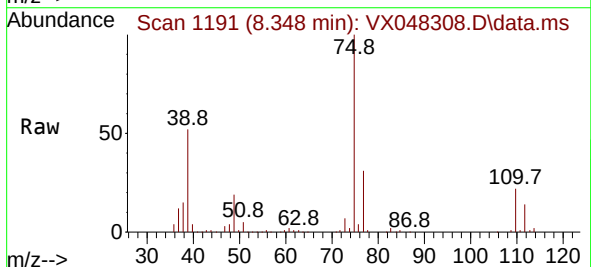
Tgt Ion: 75 Resp: 131492

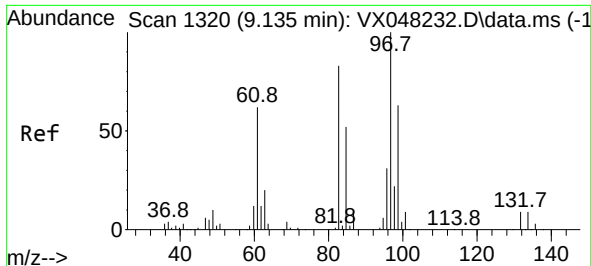
Ion Ratio Lower Upper

75 100

77 31.4 24.9 37.3

39 51.9 42.6 64.0

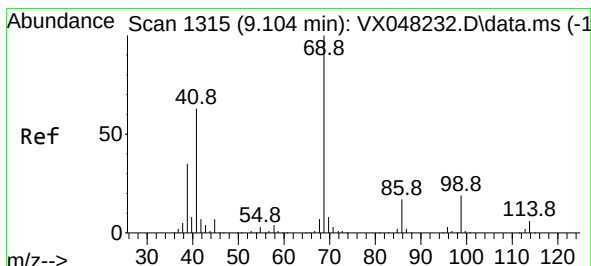
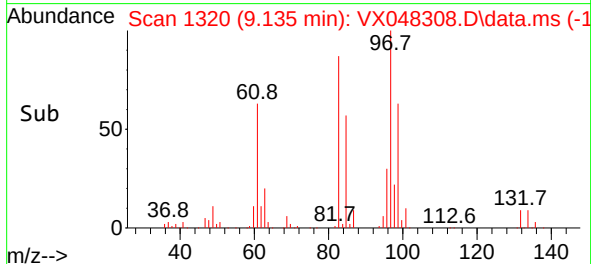
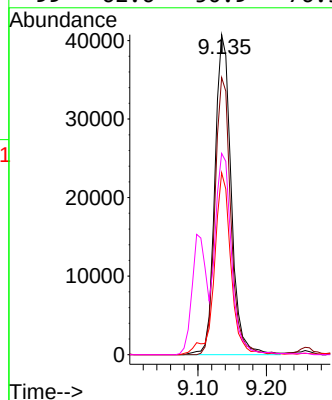
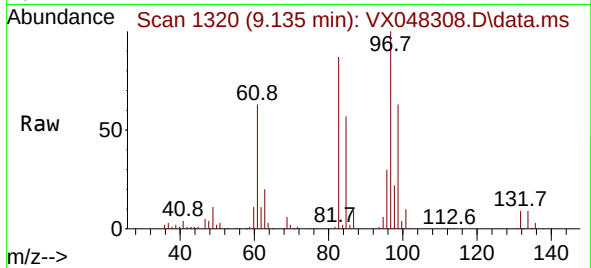




#55
1,1,2-Trichloroethane
Concen: 38.524 ug/l
RT: 9.135 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

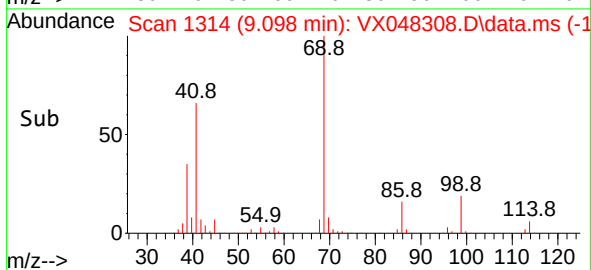
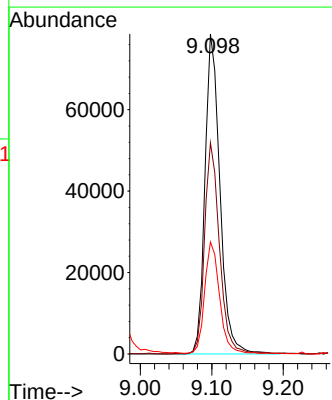
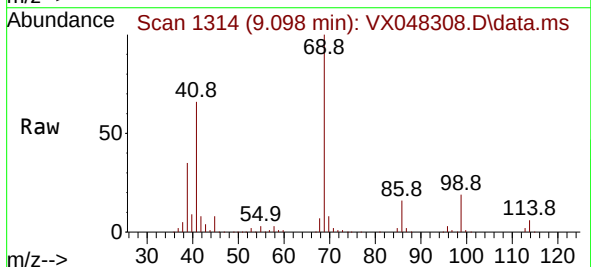
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

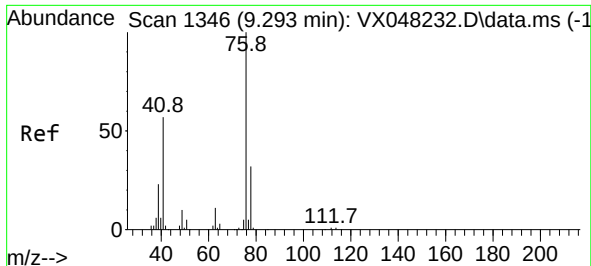
Tgt Ion:	97	Resp:	67181
Ion	Ratio	Lower	Upper
97	100		
83	86.6	70.6	105.8
85	56.9	45.0	67.6
99	62.6	50.9	76.3



#56
Ethyl methacrylate
Concen: 44.971 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:	69	Resp:	114708
Ion	Ratio	Lower	Upper
69	100		
41	65.4	56.0	84.0
39	34.8	31.6	47.4





#57

1,3-Dichloropropane

Concen: 31.867 ug/l

RT: 9.293 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

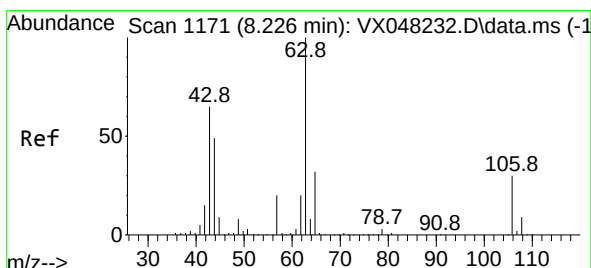
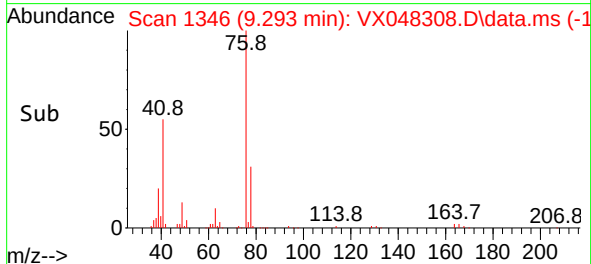
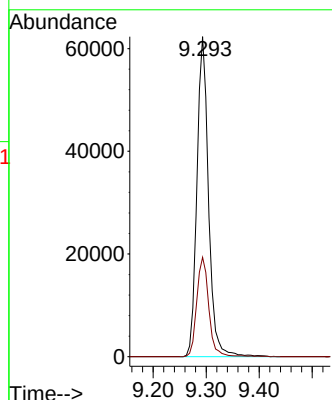
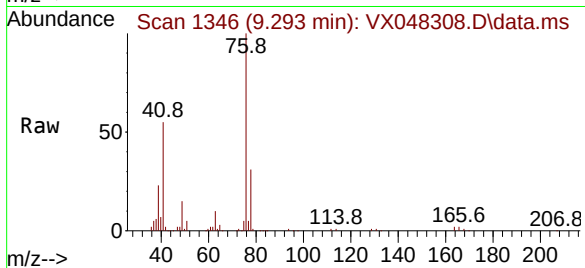
VSTDCCC050EC

Tgt Ion: 76 Resp: 94925

Ion Ratio Lower Upper

76 100

78 32.2 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 255.410 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX048308.D

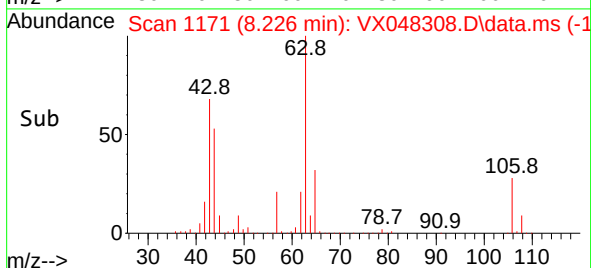
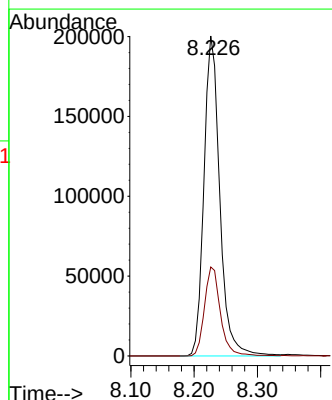
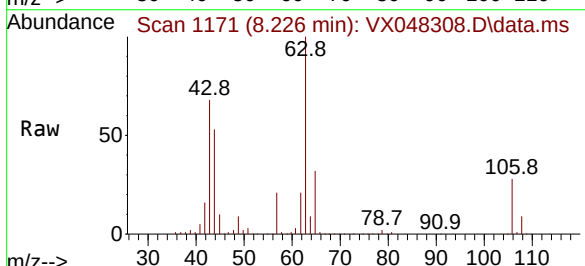
Acq: 22 Oct 2025 18:36

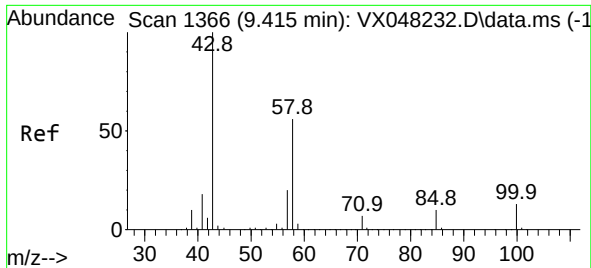
Tgt Ion: 63 Resp: 350352

Ion Ratio Lower Upper

63 100

106 28.1 22.2 33.2

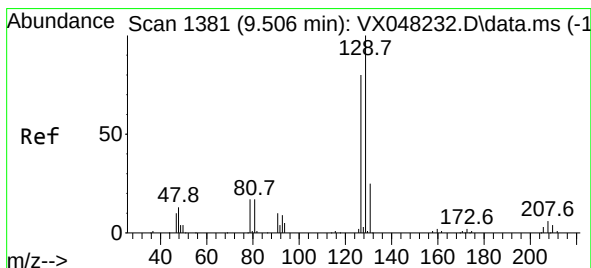
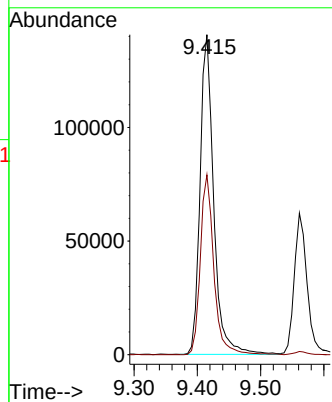
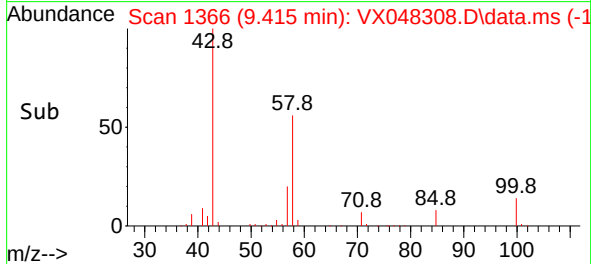
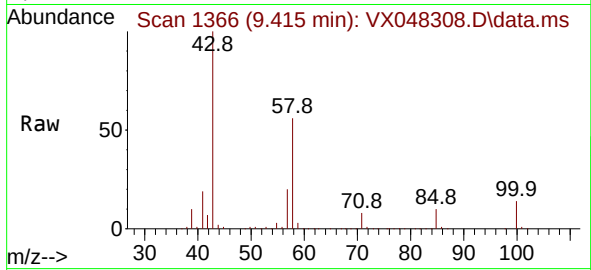




#59
2-Hexanone
Concen: 151.826 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

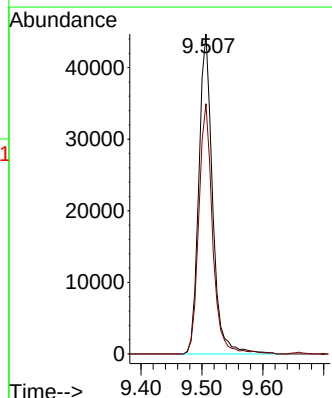
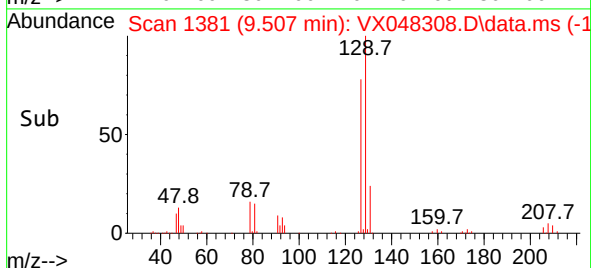
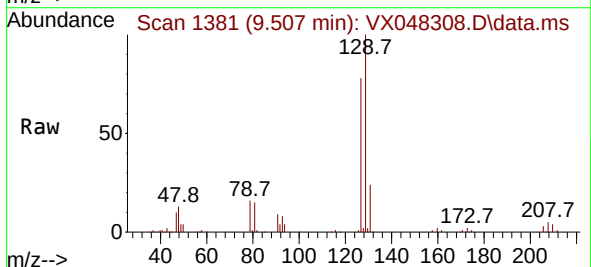
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

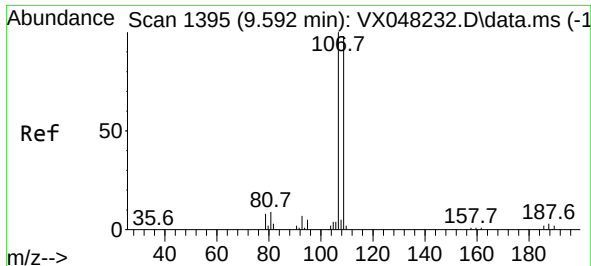
Tgt Ion: 43 Resp: 211292
Ion Ratio Lower Upper
43 100
58 56.0 26.3 78.8



#60
Dibromochloromethane
Concen: 29.838 ug/l
RT: 9.507 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:129 Resp: 69937
Ion Ratio Lower Upper
129 100
127 78.7 38.6 115.7

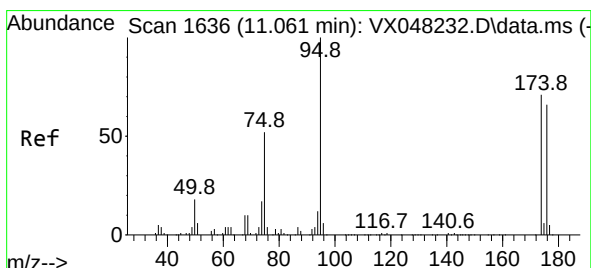
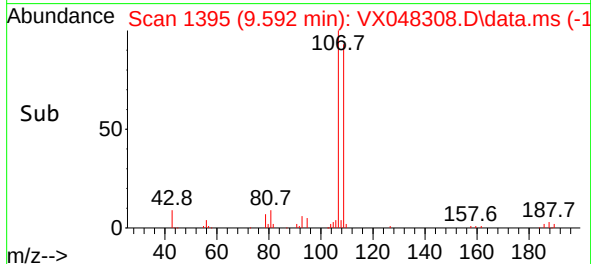
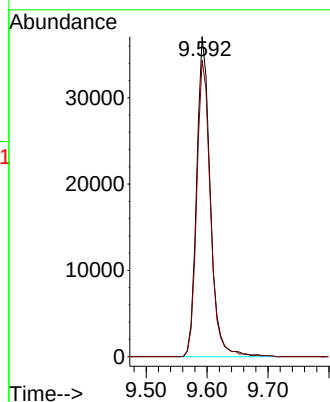
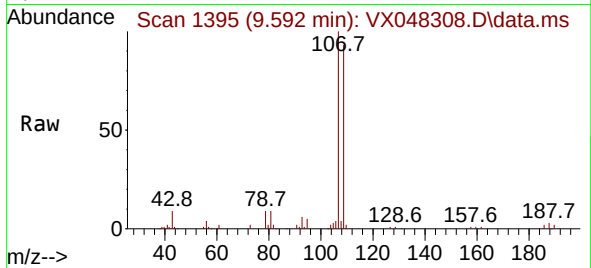




#61
1,2-Dibromoethane
Concen: 31.036 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

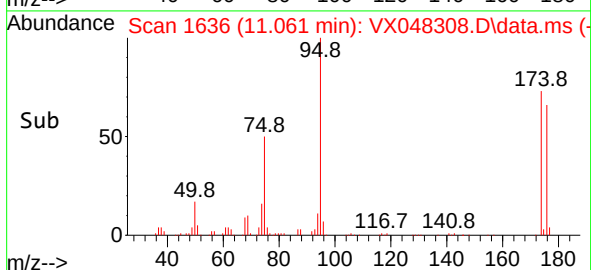
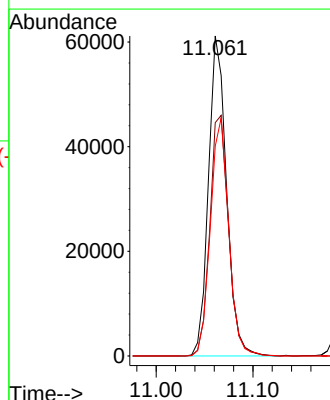
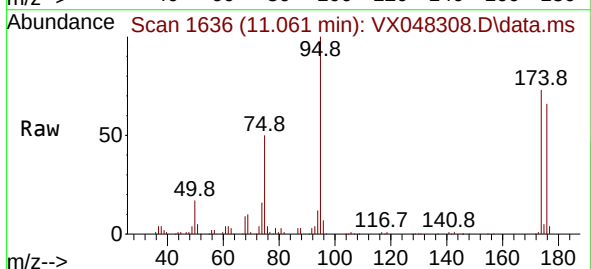
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

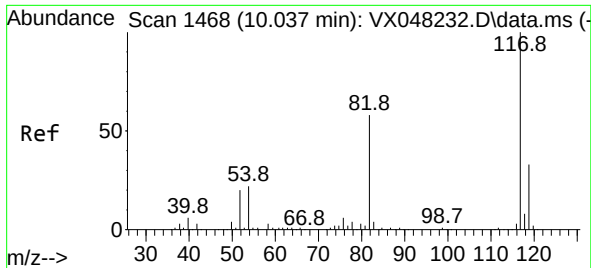
Tgt Ion:107 Resp: 57700
Ion Ratio Lower Upper
107 100
109 93.2 77.0 115.4



#62
4-Bromofluorobenzene
Concen: 33.314 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 95 Resp: 79463
Ion Ratio Lower Upper
95 100
174 78.2 0.0 147.8
176 75.5 0.0 142.8

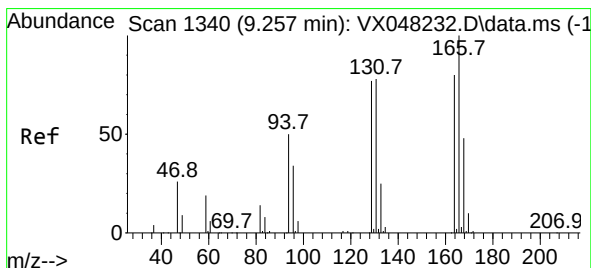
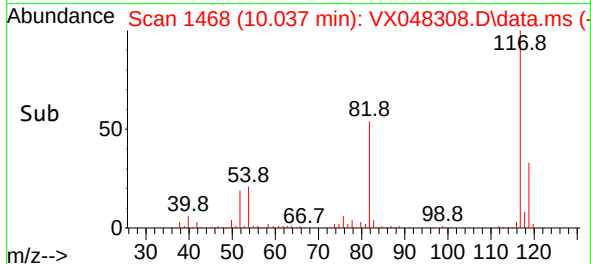
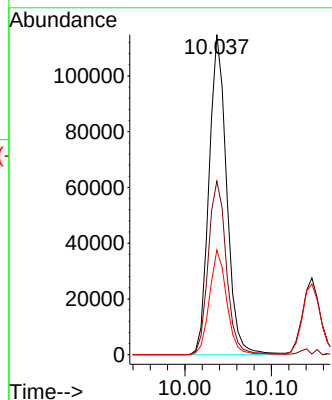
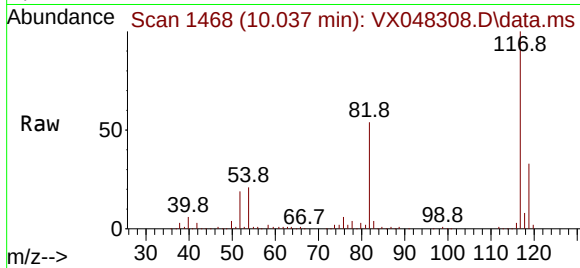




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

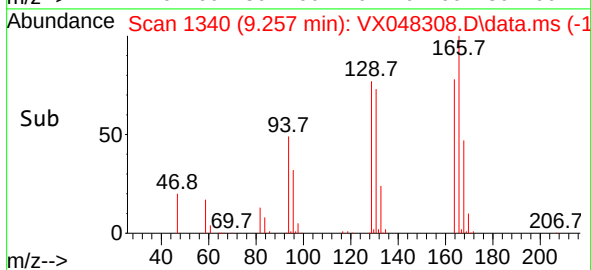
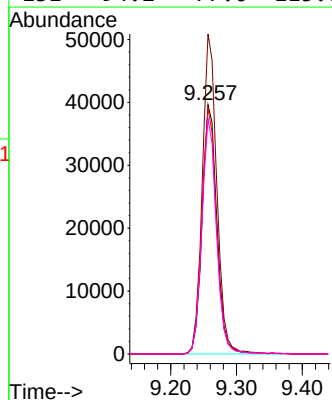
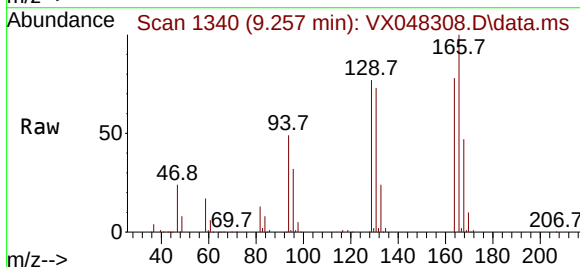
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

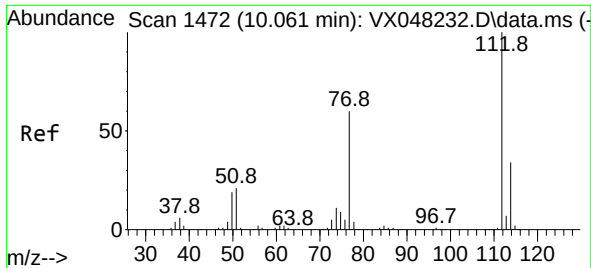
Tgt Ion:117 Resp: 162404
Ion Ratio Lower Upper
117 100
82 54.2 46.5 69.7
119 32.7 25.9 38.9



#64
Tetrachloroethene
Concen: 51.141 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:164 Resp: 62003
Ion Ratio Lower Upper
164 100
166 128.4 104.5 156.7
129 98.6 81.8 122.6
131 94.2 77.0 115.6

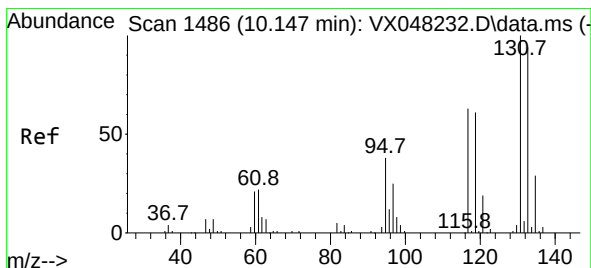
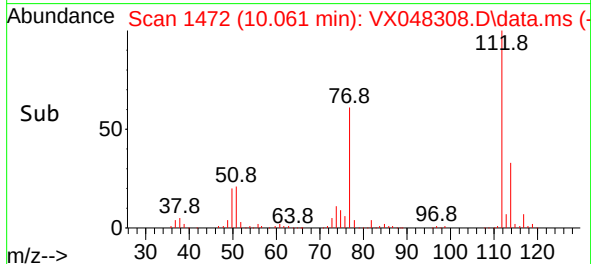
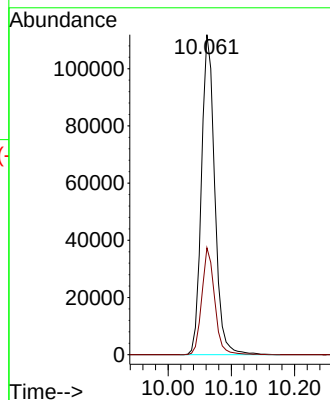
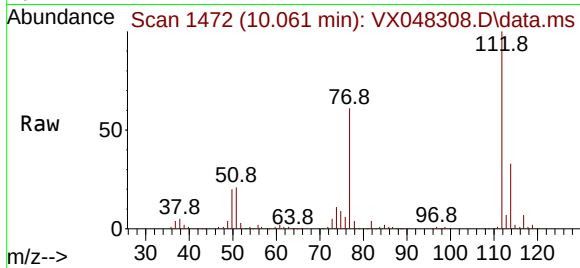




#65
Chlorobenzene
Concen: 44.931 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

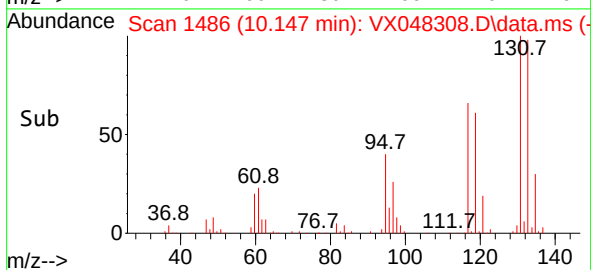
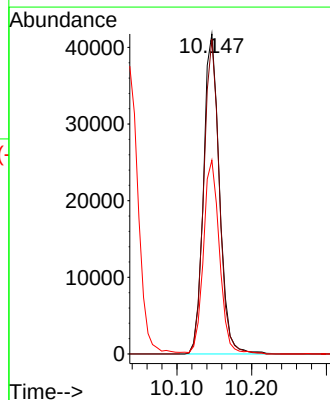
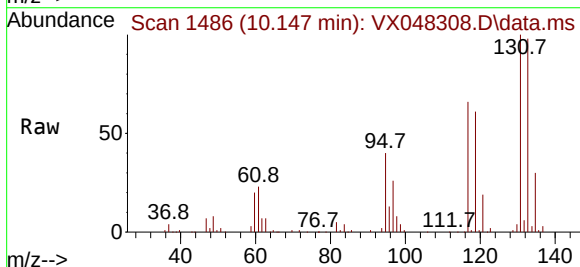
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

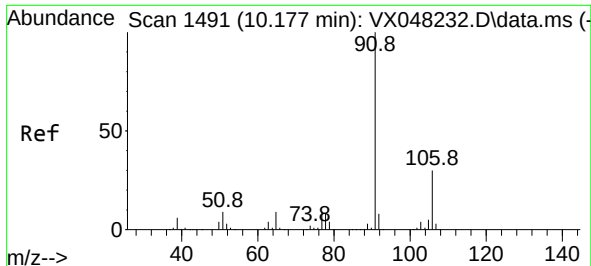
Tgt Ion:112 Resp: 164147
Ion Ratio Lower Upper
112 100
114 33.4 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 45.916 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:131 Resp: 61612
Ion Ratio Lower Upper
131 100
133 96.2 47.6 142.8
119 61.3 32.5 97.5





#67

Ethyl Benzene

Concen: 45.820 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

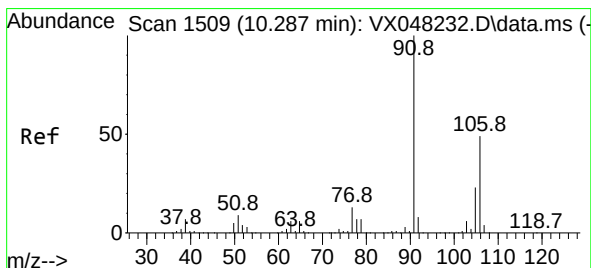
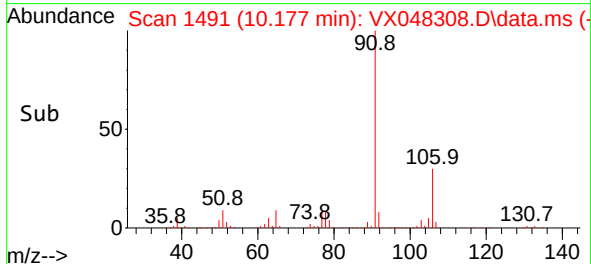
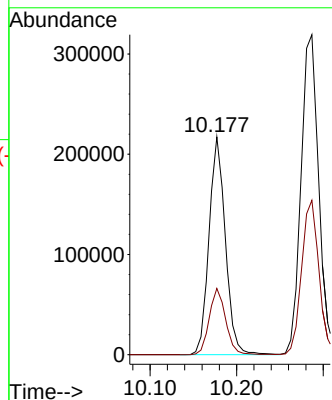
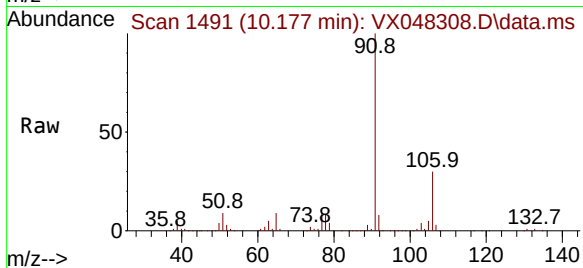
VSTDCCC050EC

Tgt Ion: 91 Resp: 285001

Ion Ratio Lower Upper

91 100

106 30.4 23.8 35.6



#68

m/p-Xylenes

Concen: 93.917 ug/l

RT: 10.287 min Scan# 1509

Delta R.T. 0.000 min

Lab File: VX048308.D

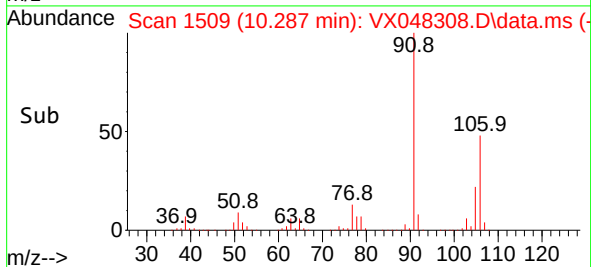
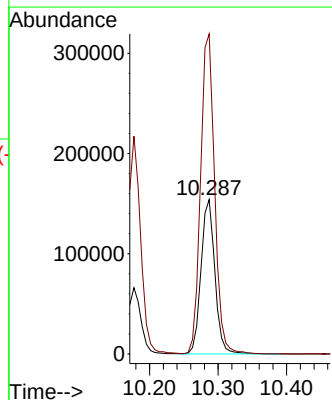
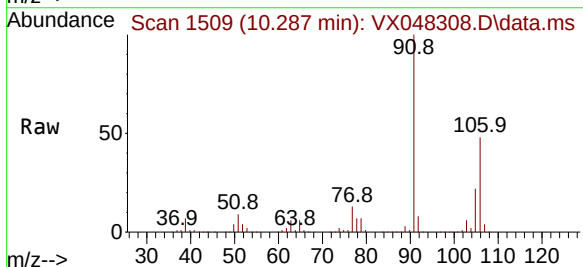
Acq: 22 Oct 2025 18:36

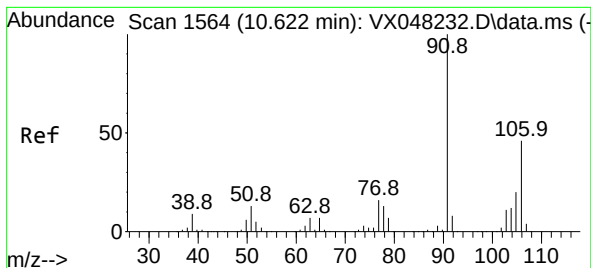
Tgt Ion:106 Resp: 217045

Ion Ratio Lower Upper

106 100

91 210.6 167.9 251.9





#69

o-Xylene

Concen: 46.180 ug/l

RT: 10.622 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

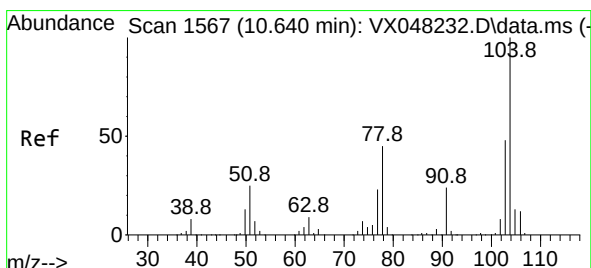
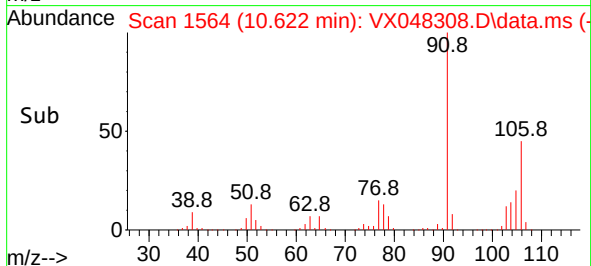
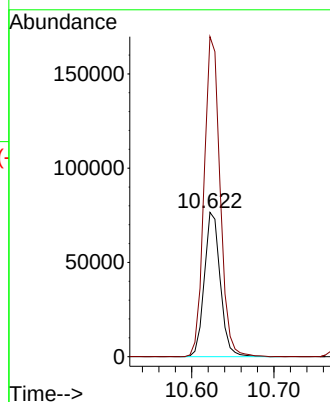
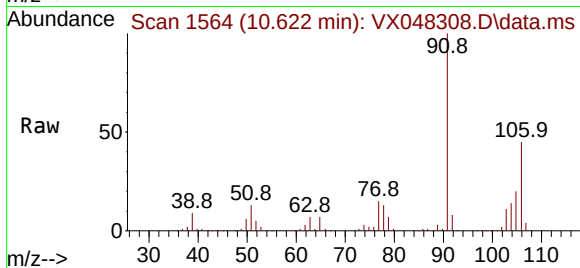
VSTDCCC050EC

Tgt Ion:106 Resp: 103036

Ion Ratio Lower Upper

106 100

91 222.9 111.3 333.9



#70

Styrene

Concen: 46.785 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

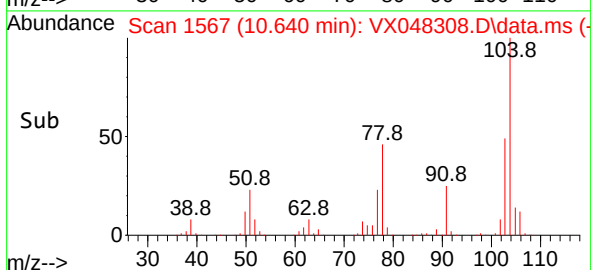
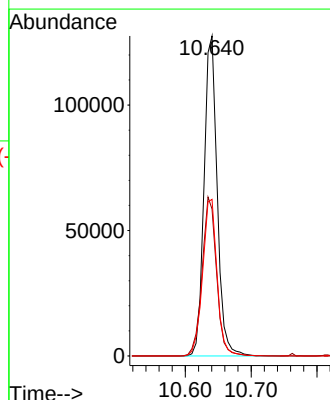
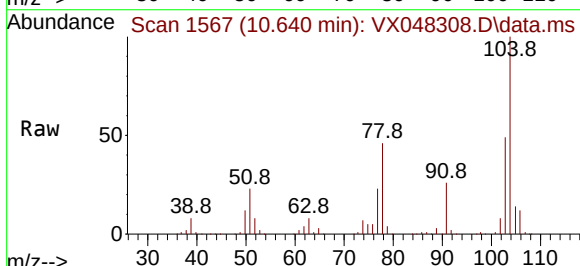
Tgt Ion:104 Resp: 177742

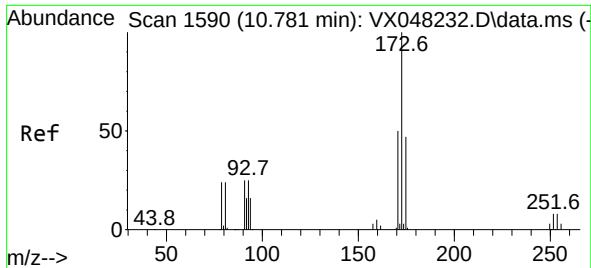
Ion Ratio Lower Upper

104 100

78 54.2 42.2 63.4

103 53.8 43.0 64.4

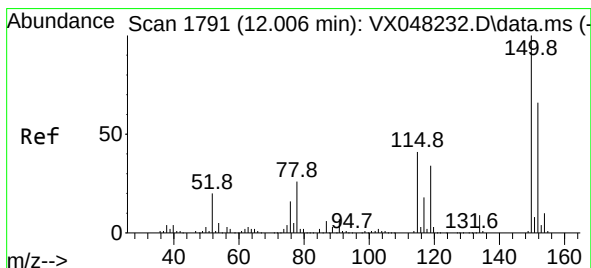
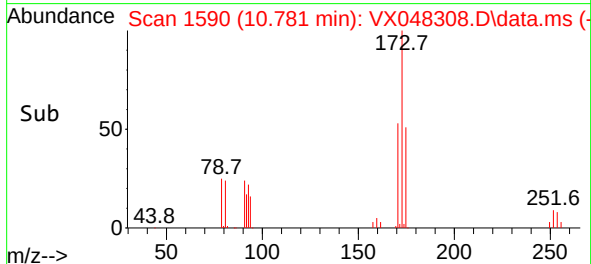
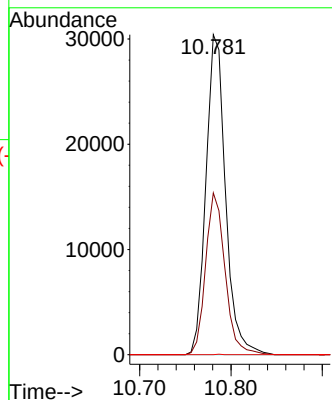
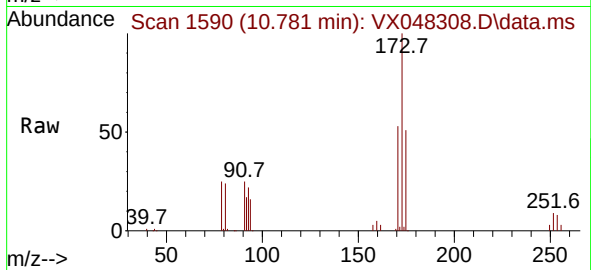




#71
Bromoform
Concen: 42.089 ug/l
RT: 10.781 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

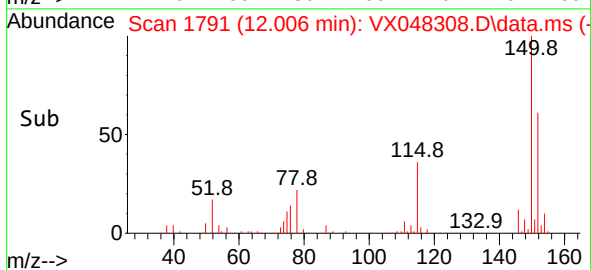
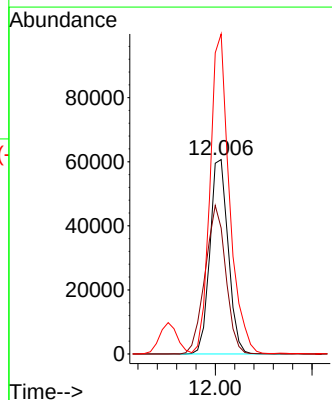
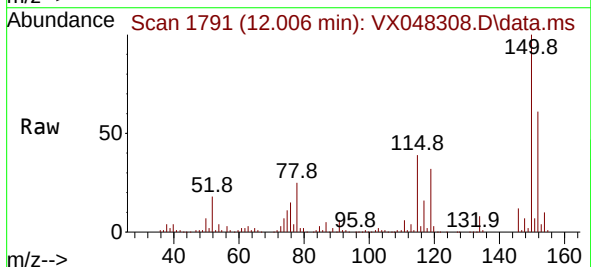
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

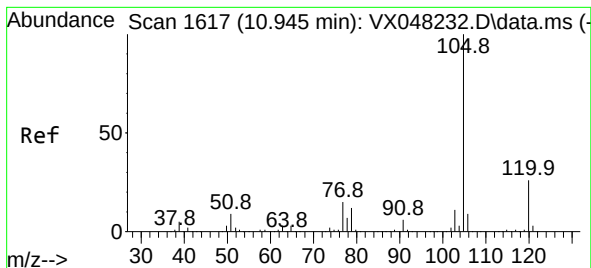
Tgt Ion:173 Resp: 45139
Ion Ratio Lower Upper
173 100
175 50.2 24.0 72.0
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:152 Resp: 79762
Ion Ratio Lower Upper
152 100
115 86.4 43.1 129.4
150 173.7 0.0 353.0





#73

Isopropylbenzene

Concen: 48.063 ug/l

RT: 10.945 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

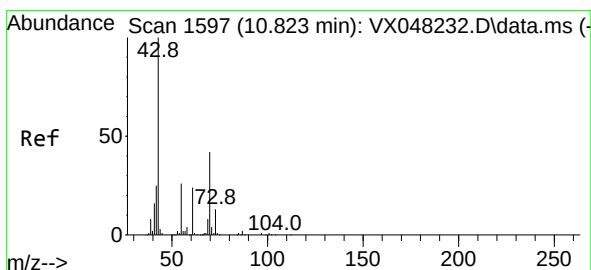
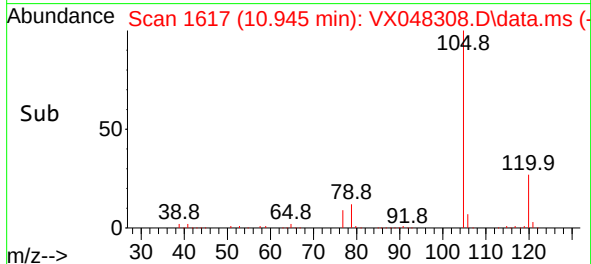
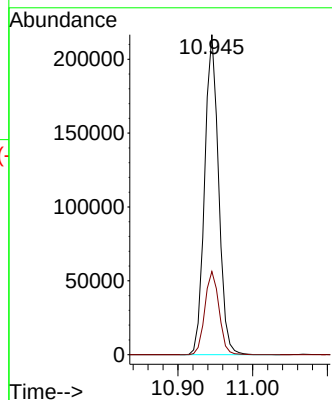
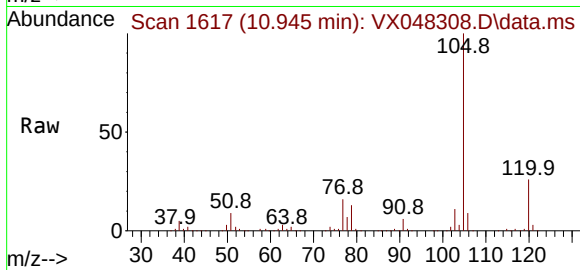
VSTDCCC050EC

Tgt Ion:105 Resp: 280008

Ion Ratio Lower Upper

105 100

120 26.4 13.0 38.9



#74

N-ethyl acetate

Concen: 45.596 ug/l

RT: 10.823 min Scan# 1597

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Tgt Ion: 43 Resp: 94223

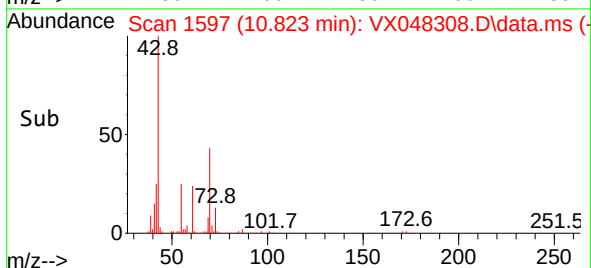
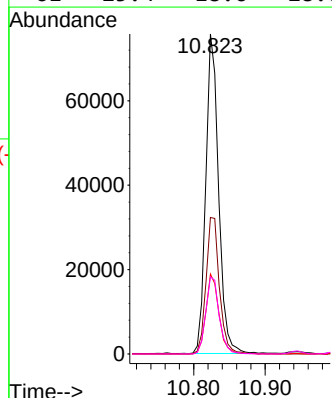
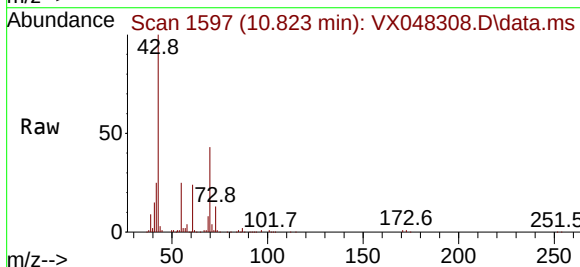
Ion Ratio Lower Upper

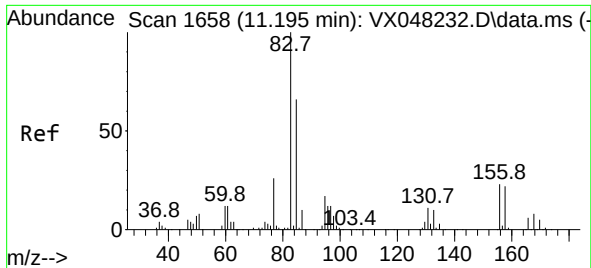
43 100

70 44.9 32.2 48.2

55 25.4 19.1 28.7

61 25.4 18.6 28.0

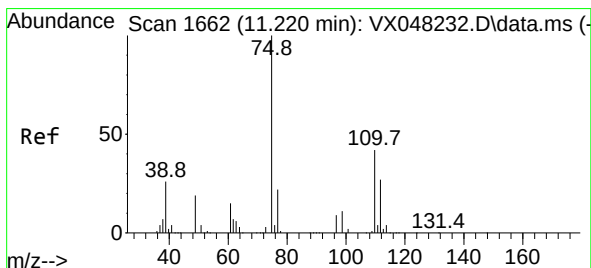
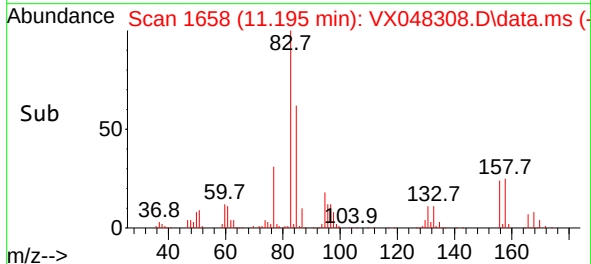
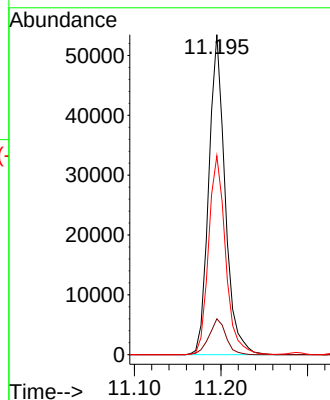
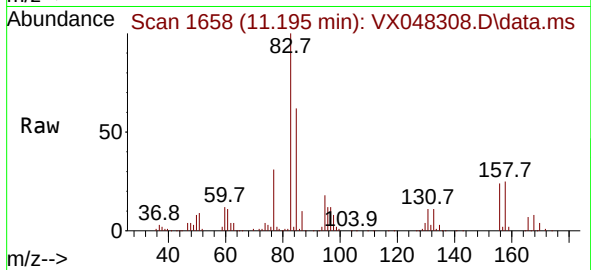




#75
 1,1,2,2-Tetrachloroethane
 Concen: 44.003 ug/l
 RT: 11.195 min Scan# 1658
 Delta R.T. 0.000 min
 Lab File: VX048308.D
 Acq: 22 Oct 2025 18:36

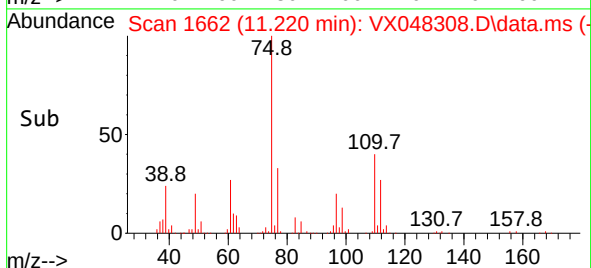
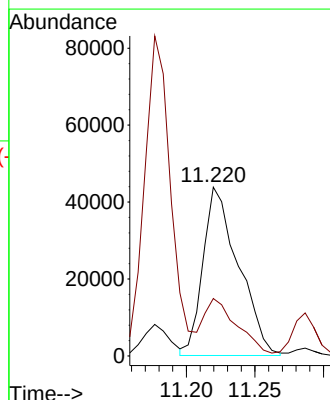
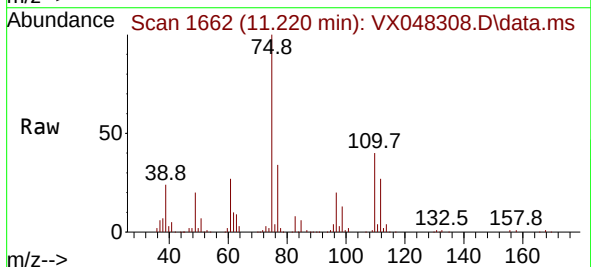
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

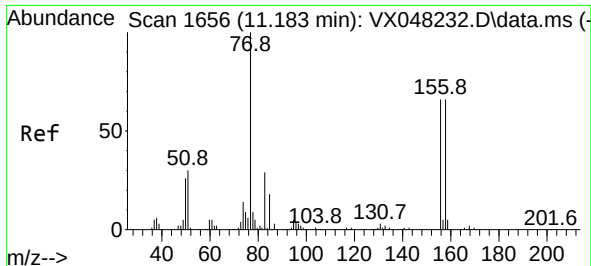
Tgt Ion: 83 Resp: 70007
 Ion Ratio Lower Upper
 83 100
 131 11.6 4.8 14.4
 85 64.7 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 61.002 ug/l
 RT: 11.220 min Scan# 1662
 Delta R.T. 0.000 min
 Lab File: VX048308.D
 Acq: 22 Oct 2025 18:36

Tgt Ion: 75 Resp: 78904
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.4 67.2

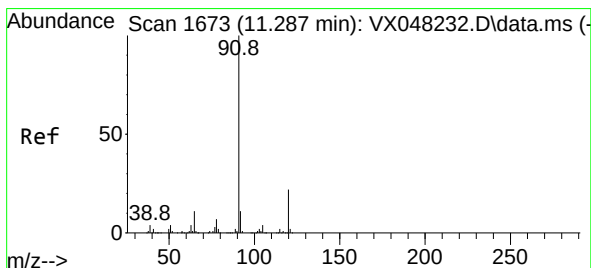
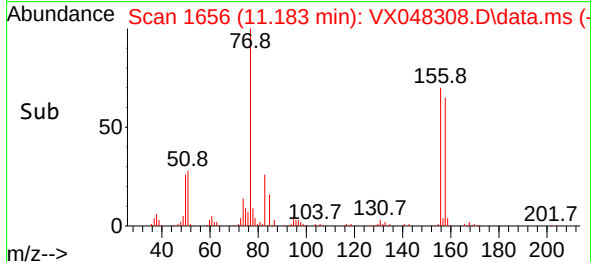
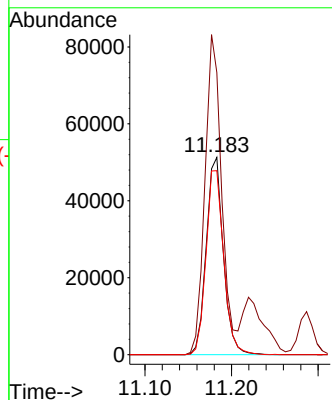
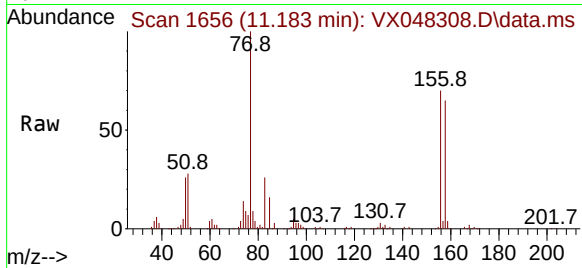




#77
Bromobenzene
Concen: 48.168 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. 0.006 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

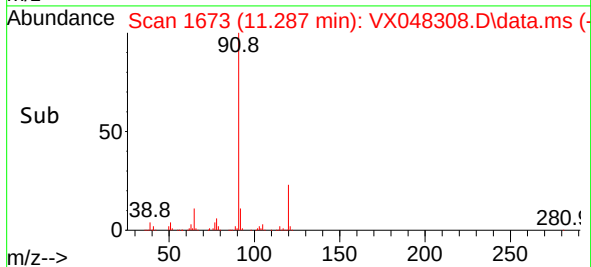
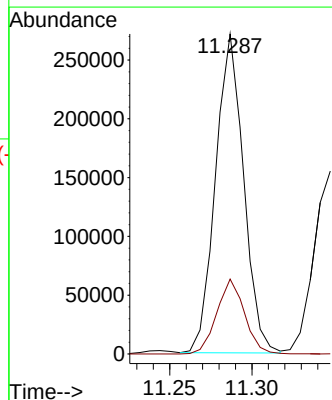
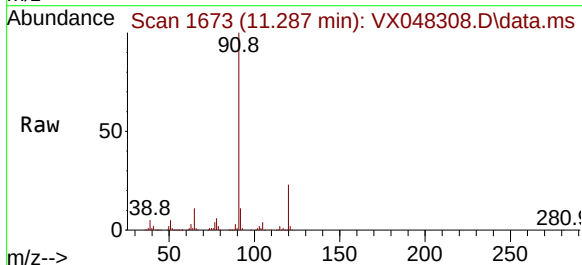
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

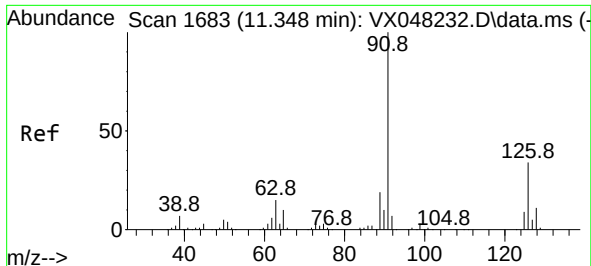
Tgt Ion:156 Resp: 70363
Ion Ratio Lower Upper
156 100
77 158.9 87.0 261.0
158 96.8 47.8 143.4



#78
n-propylbenzene
Concen: 47.765 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 91 Resp: 322187
Ion Ratio Lower Upper
91 100
120 23.2 11.1 33.1

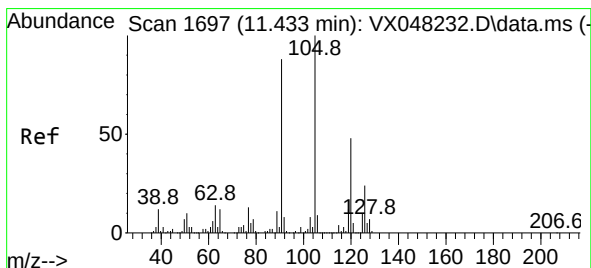
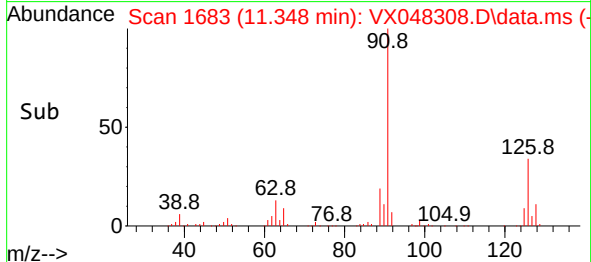
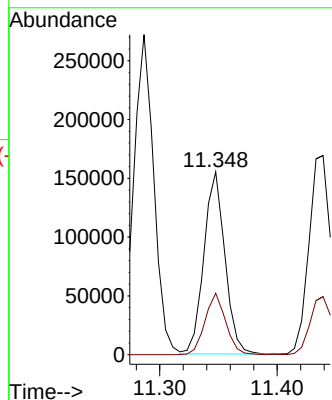
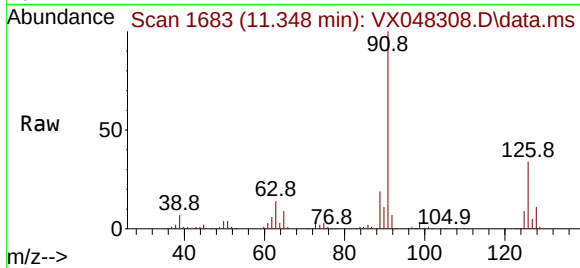




#79
2-Chlorotoluene
Concen: 47.160 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

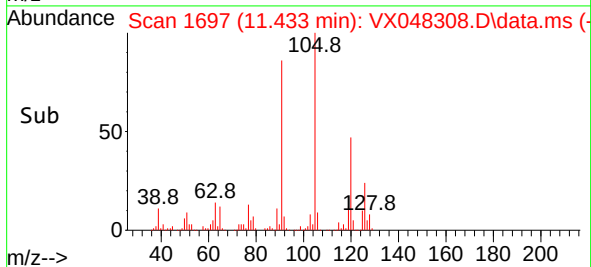
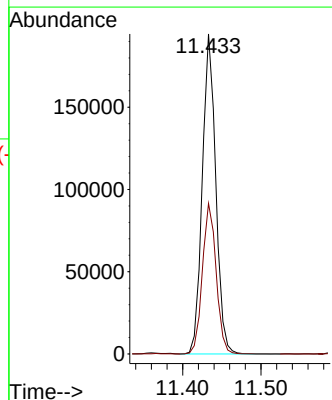
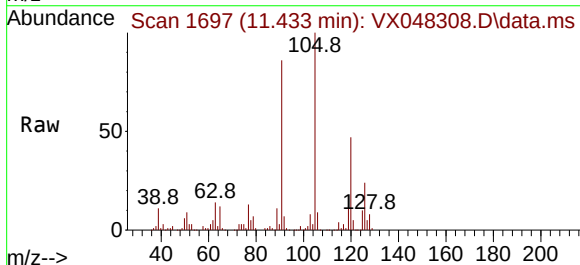
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

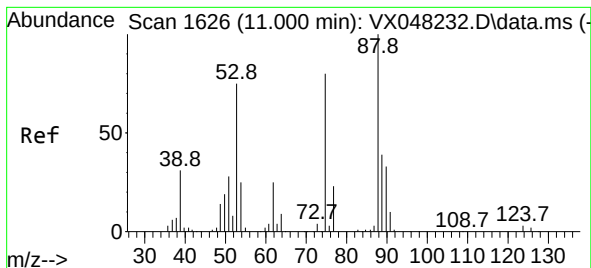
Tgt Ion: 91 Resp: 192865
Ion Ratio Lower Upper
91 100
126 33.3 16.4 49.4



#80
1,3,5-Trimethylbenzene
Concen: 48.075 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 105 Resp: 231776
Ion Ratio Lower Upper
105 100
120 48.1 24.0 72.0

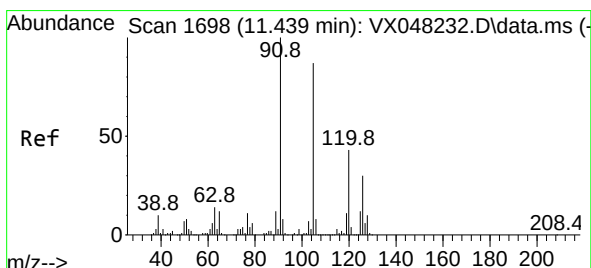
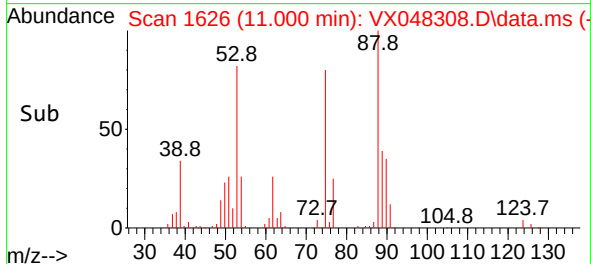
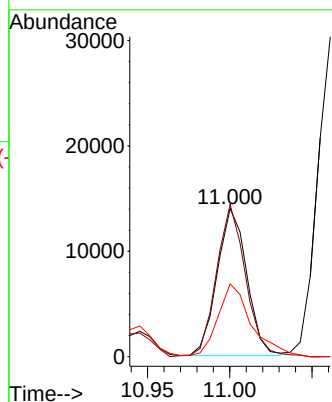
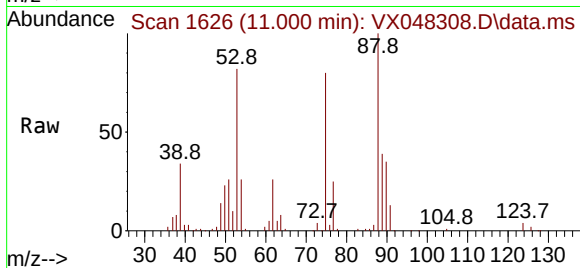




#81
trans-1,4-Dichloro-2-butene
Concen: 32.856 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

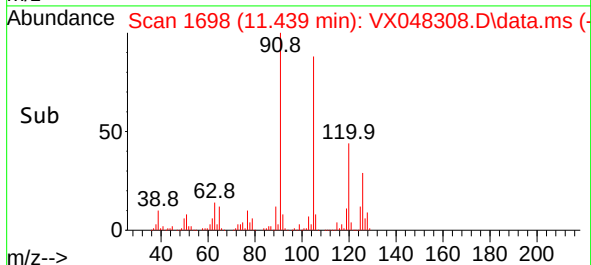
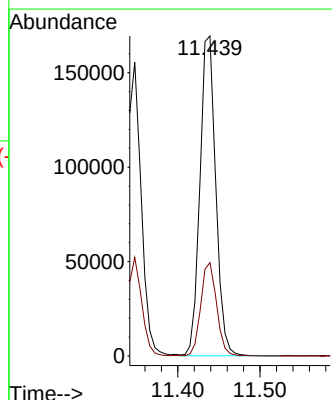
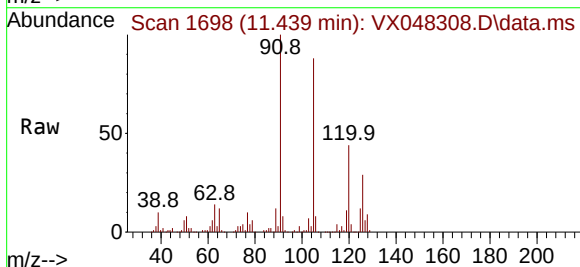
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

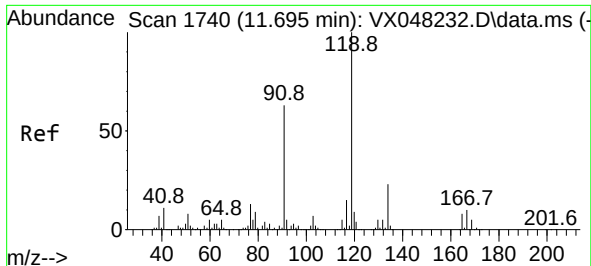
Tgt Ion: 75 Resp: 17468
Ion Ratio Lower Upper
75 100
53 101.6 79.5 119.3
89 56.5 36.8 55.2#



#82
4-Chlorotoluene
Concen: 46.681 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 91 Resp: 226624
Ion Ratio Lower Upper
91 100
126 29.2 14.1 42.4

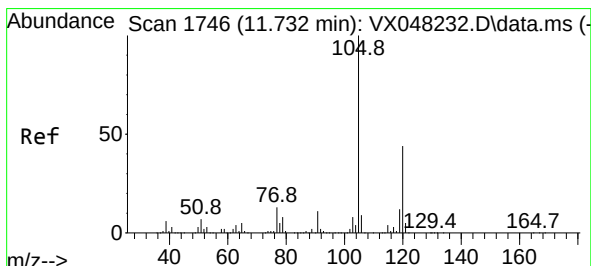
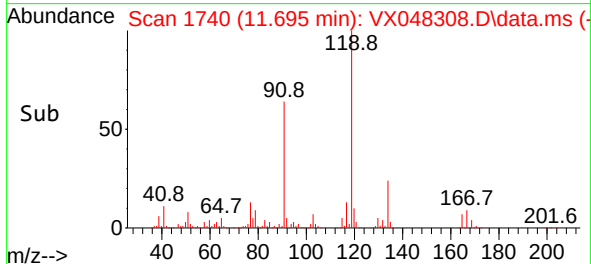
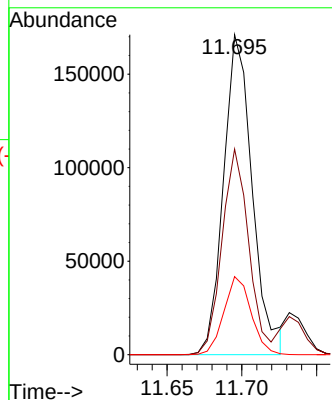
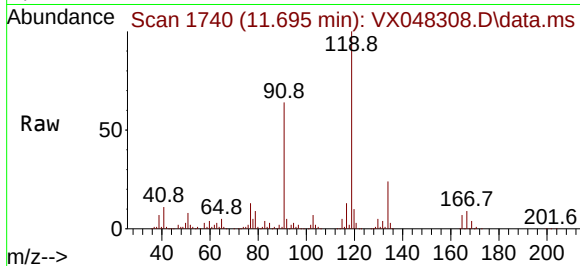




#83
 tert-Butylbenzene
 Concen: 46.177 ug/l
 RT: 11.695 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX048308.D
 Acq: 22 Oct 2025 18:36

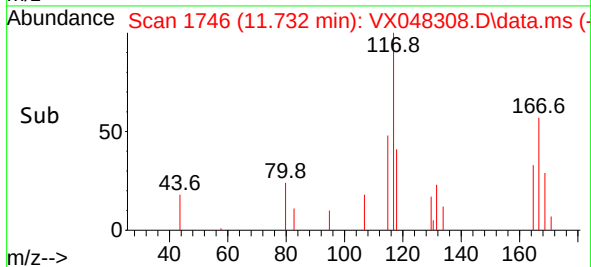
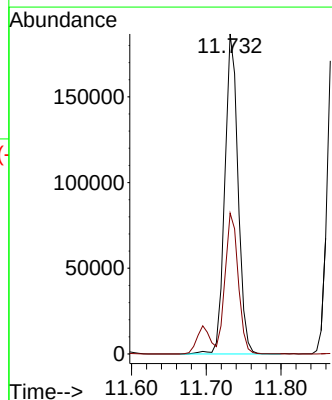
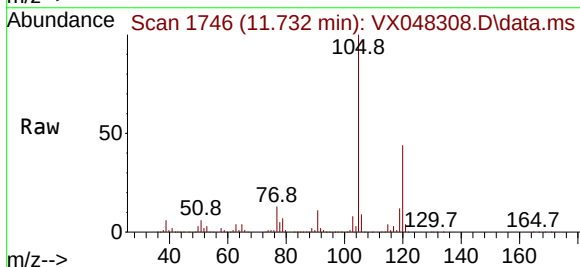
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

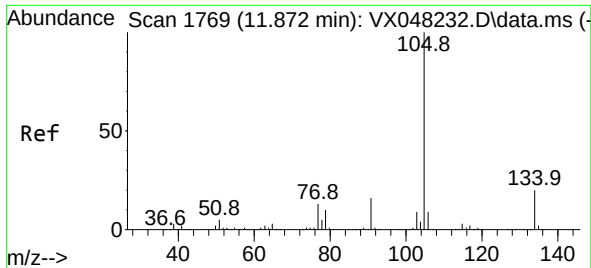
Tgt Ion:119 Resp: 228741
 Ion Ratio Lower Upper
 119 100
 91 59.8 30.3 91.0
 134 23.2 11.4 34.2



#84
 1,2,4-Trimethylbenzene
 Concen: 47.822 ug/l
 RT: 11.732 min Scan# 1746
 Delta R.T. 0.000 min
 Lab File: VX048308.D
 Acq: 22 Oct 2025 18:36

Tgt Ion:105 Resp: 230093
 Ion Ratio Lower Upper
 105 100
 120 43.7 22.1 66.5

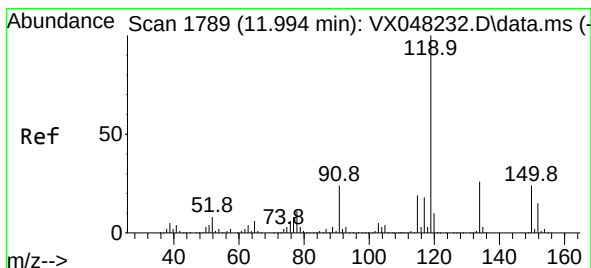
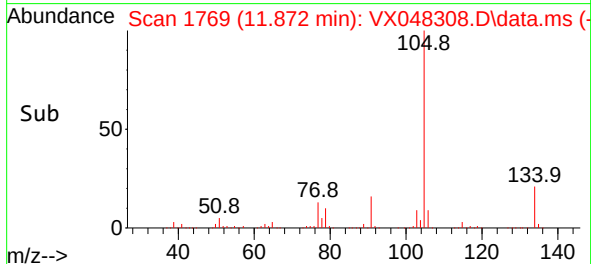
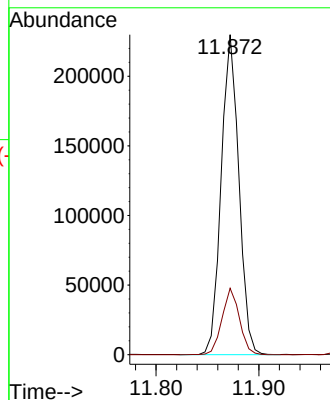
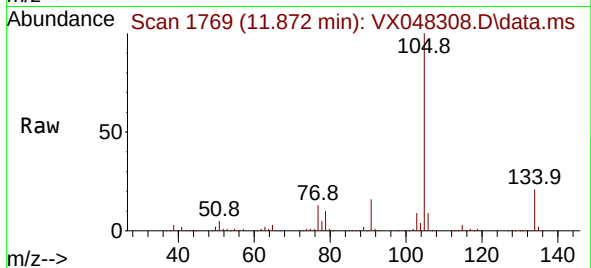




#85
sec-Butylbenzene
Concen: 45.855 ug/l
RT: 11.872 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

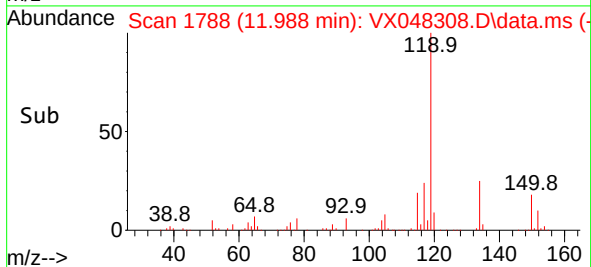
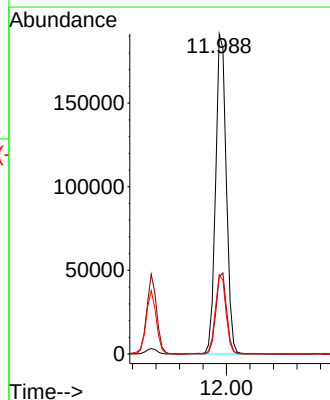
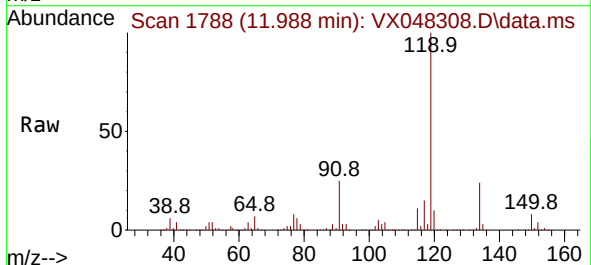
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

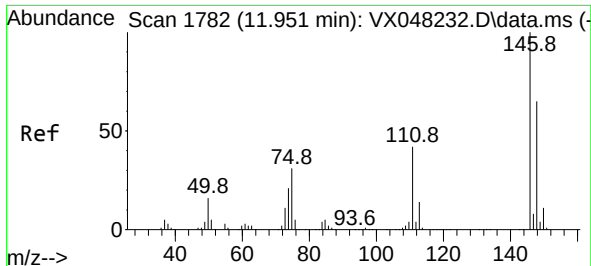
Tgt Ion:105 Resp: 273283
Ion Ratio Lower Upper
105 100
134 20.4 10.1 30.1



#86
p-Isopropyltoluene
Concen: 46.741 ug/l
RT: 11.988 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:119 Resp: 240774
Ion Ratio Lower Upper
119 100
134 25.2 13.0 39.0
91 24.8 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 44.479 ug/l

RT: 11.951 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

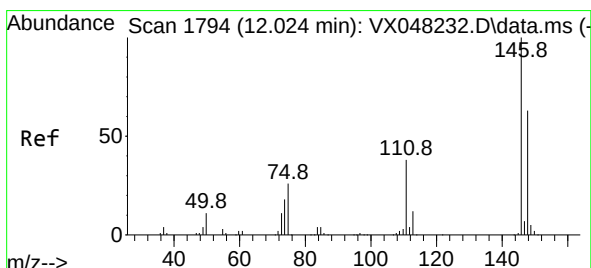
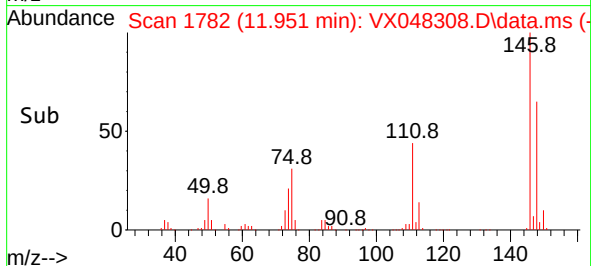
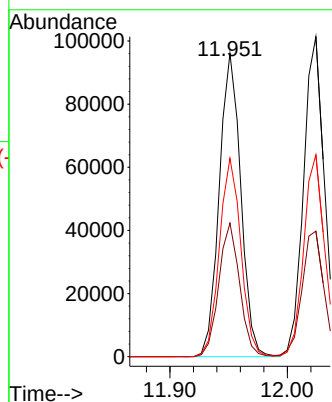
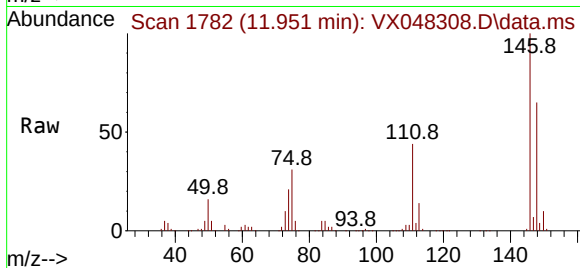
Tgt Ion:146 Resp: 122488

Ion Ratio Lower Upper

146 100

111 42.8 20.4 61.2

148 65.3 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 43.891 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

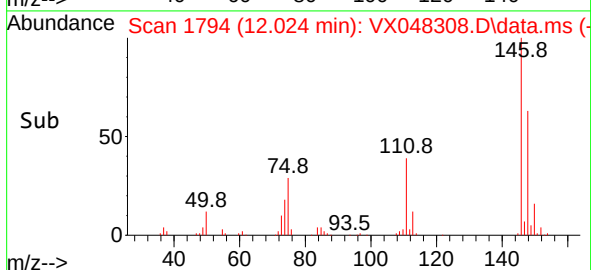
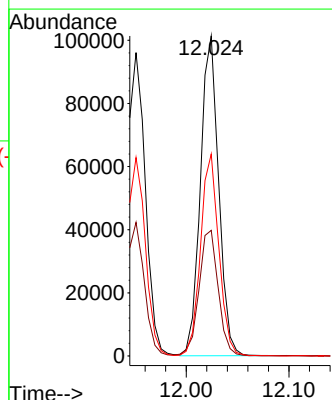
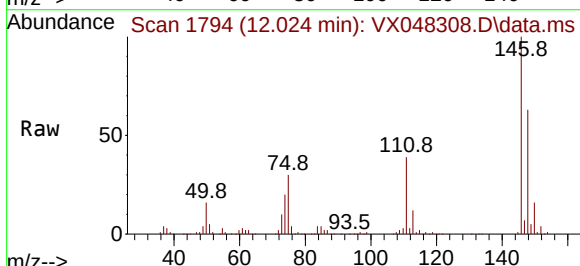
Tgt Ion:146 Resp: 125212

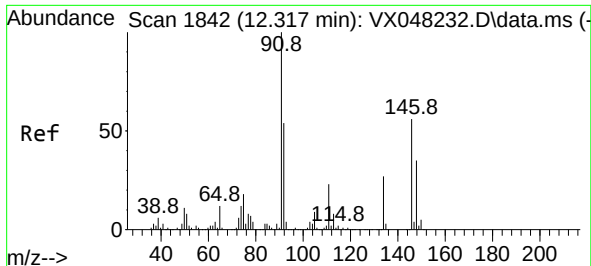
Ion Ratio Lower Upper

146 100

111 41.3 20.1 60.2

148 63.6 31.8 95.3

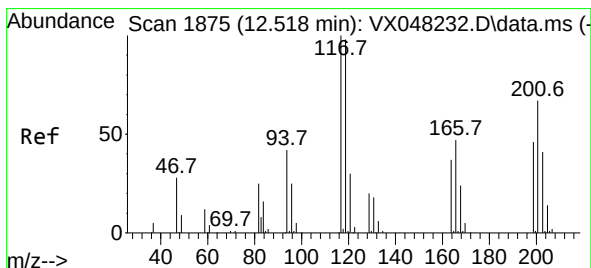
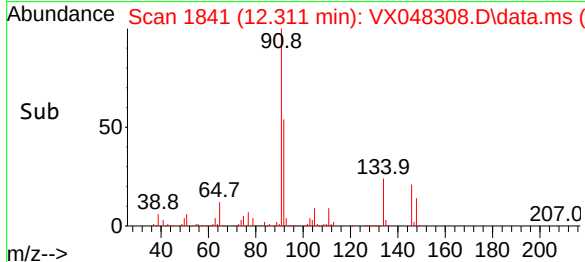
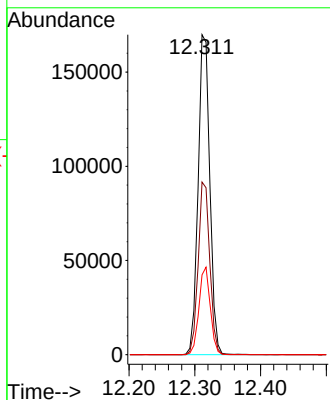
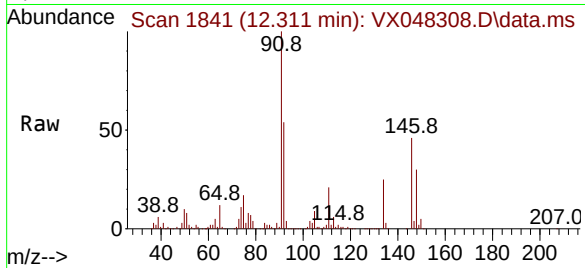




#89
n-Butylbenzene
Concen: 44.679 ug/l
RT: 12.311 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

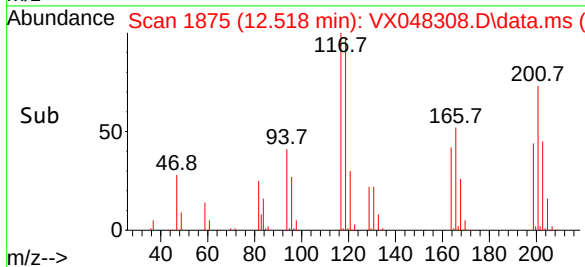
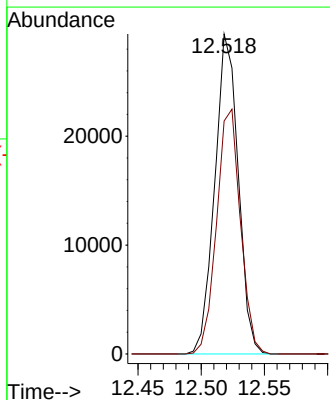
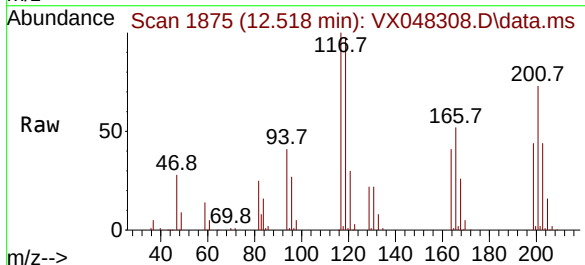
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

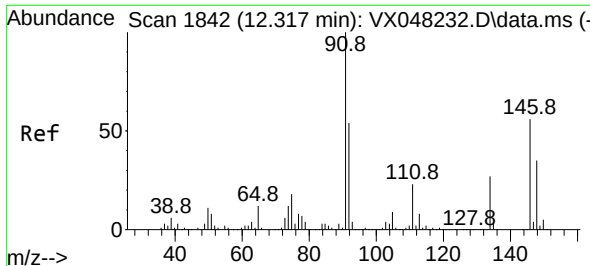
Tgt Ion: 91 Resp: 209483
Ion Ratio Lower Upper
91 100
92 53.5 26.9 80.6
134 26.5 12.7 38.1



#90
Hexachloroethane
Concen: 37.170 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 117 Resp: 37811
Ion Ratio Lower Upper
117 100
201 77.8 34.1 102.2





#91

1,2-Dichlorobenzene

Concen: 45.560 ug/l

RT: 12.317 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

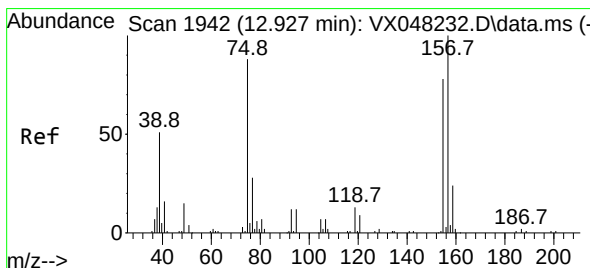
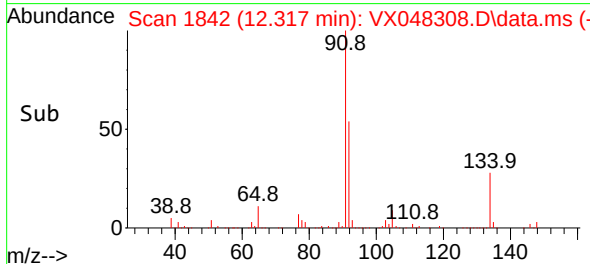
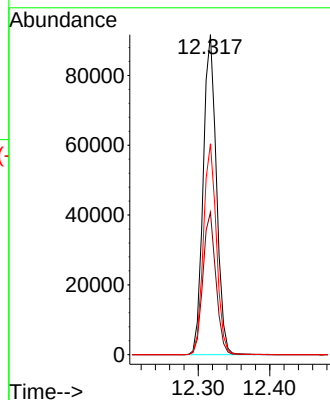
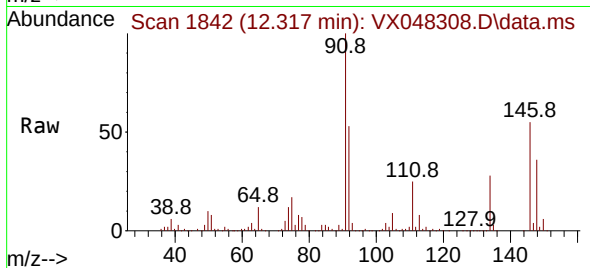
Tgt Ion:146 Resp: 117796

Ion Ratio Lower Upper

146 100

111 43.7 21.9 65.5

148 64.7 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.953 ug/l

RT: 12.921 min Scan# 1941

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

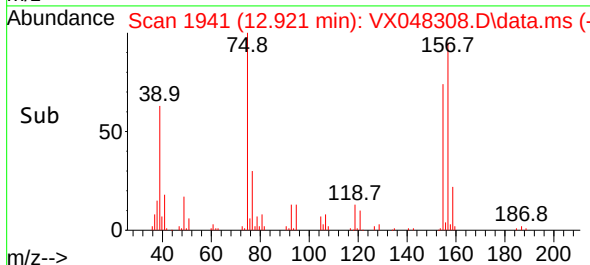
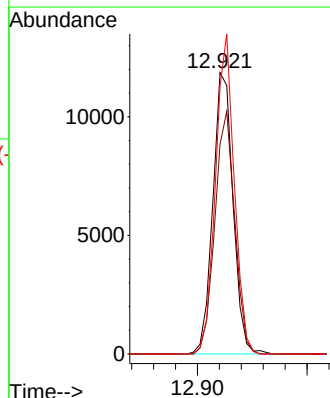
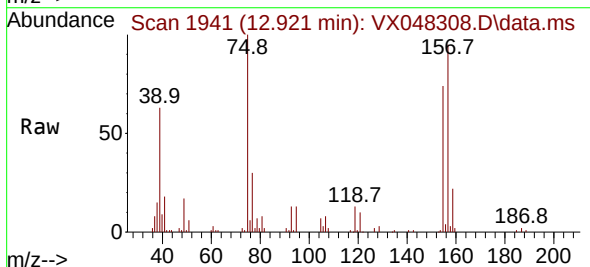
Tgt Ion: 75 Resp: 15163

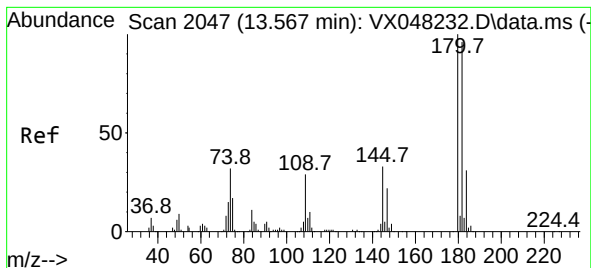
Ion Ratio Lower Upper

75 100

155 84.9 42.8 128.4

157 105.9 54.2 162.6





#93

1,2,4-Trichlorobenzene

Concen: 46.736 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

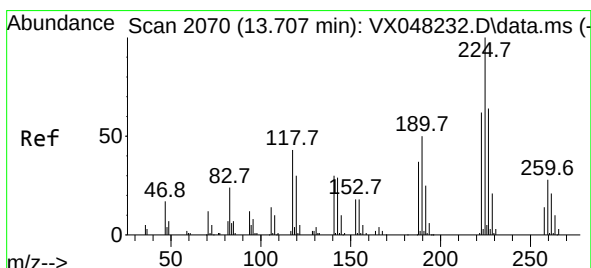
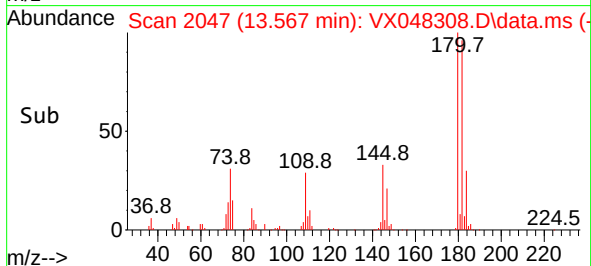
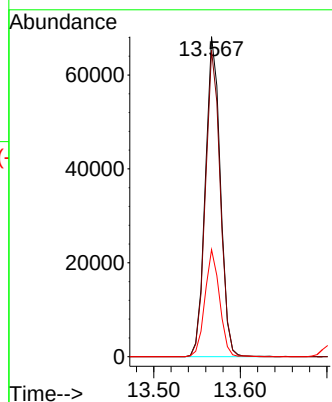
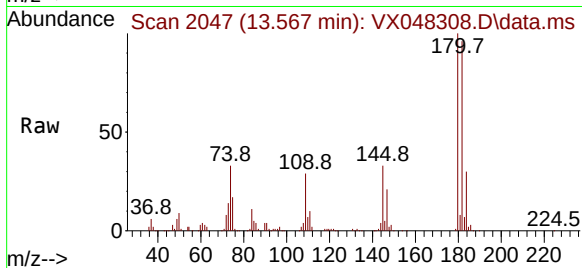
Tgt Ion:180 Resp: 81717

Ion Ratio Lower Upper

180 100

182 94.9 47.3 142.0

145 32.7 16.3 48.9



#94

Hexachlorobutadiene

Concen: 49.279 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. 0.006 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

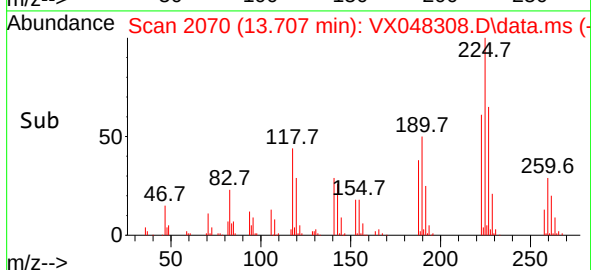
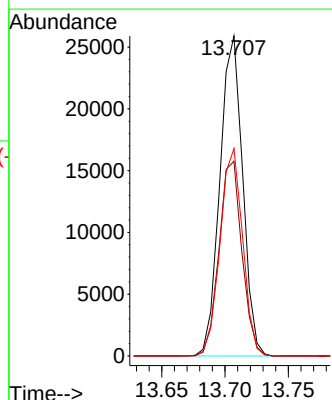
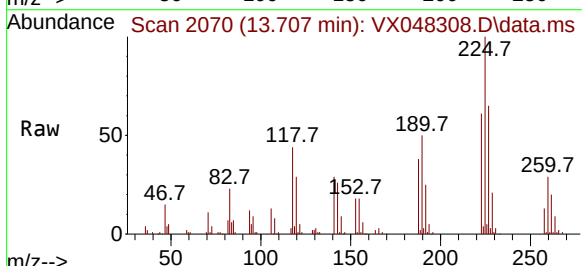
Tgt Ion:225 Resp: 32287

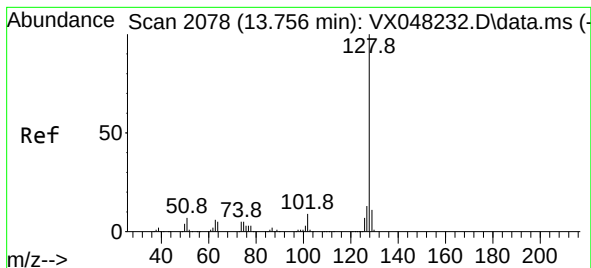
Ion Ratio Lower Upper

225 100

223 61.6 32.6 97.7

227 64.2 32.5 97.4





#95

Naphthalene

Concen: 47.634 ug/l

RT: 13.756 min Scan# 2108

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

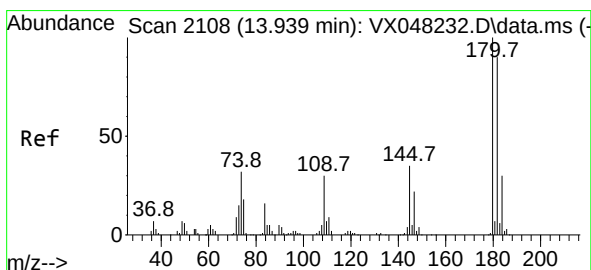
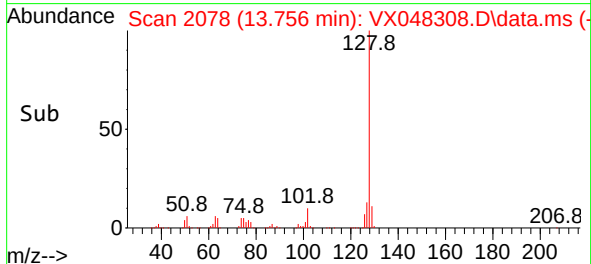
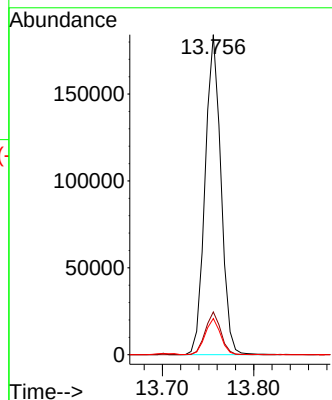
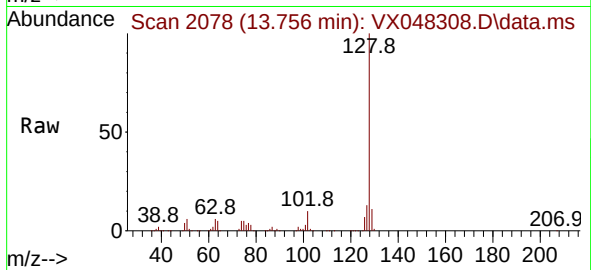
Tgt Ion:128 Resp: 220659

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 11.1 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 47.178 ug/l

RT: 13.939 min Scan# 2108

Delta R.T. 0.000 min

Lab File: VX048308.D

Acq: 22 Oct 2025 18:36

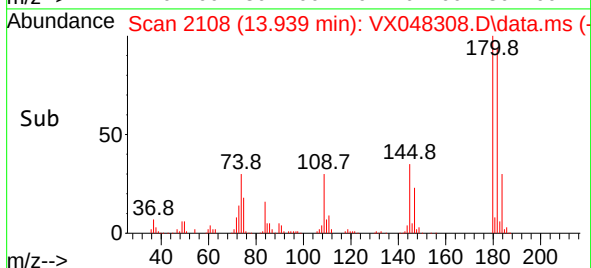
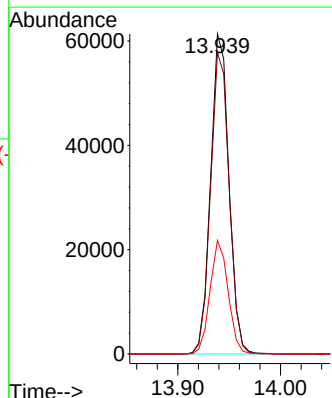
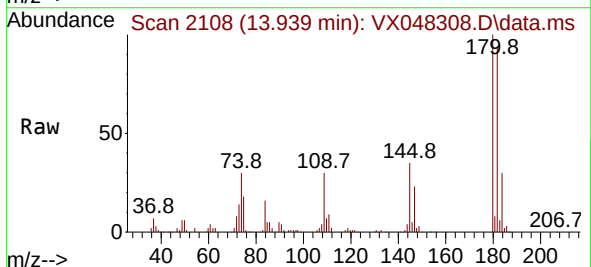
Tgt Ion:180 Resp: 75696

Ion Ratio Lower Upper

180 100

182 95.8 46.6 139.7

145 35.1 16.9 50.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
 Data File : VX048339.D
 Acq On : 24 Oct 2025 09:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 24 22:59:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	125053	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	210685	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	187763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	93479	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	94250	53.755	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.500%	
35) Dibromofluoromethane	5.367	113	58414	40.612	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 81.220%	
50) Toluene-d8	8.628	98	238621	47.331	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 94.660%	
62) 4-Bromofluorobenzene	11.061	95	91425	47.668	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.340%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	59098	45.970	ug/l	96
3) Chloromethane	1.300	50	28679	23.900	ug/l	98
4) Vinyl Chloride	1.380	62	78438	70.590	ug/l	99
5) Bromomethane	1.611	94	30849	40.909	ug/l	96
6) Chloroethane	1.691	64	48125	73.704	ug/l	96
7) Trichlorofluoromethane	1.892	101	135485	63.576	ug/l	97
8) Diethyl Ether	2.130	74	49757	82.980	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	74958	55.546	ug/l	99
10) Methyl Iodide	2.453	142	278558	164.198	ug/l	99
11) Tert butyl alcohol	2.934	59	42499	244.130	ug/l	98
12) 1,1-Dichloroethene	2.325	96	71588	54.527	ug/l	96
13) Acrolein	2.233	56	70039	394.484	ug/l	99
14) Allyl chloride	2.660	41	126613	58.086	ug/l	96
15) Acrylonitrile	3.050	53	180209	287.081	ug/l	99
16) Acetone	2.367	43	102142	169.814	ug/l	94
17) Carbon Disulfide	2.514	76	196078	47.388	ug/l	99
18) Methyl Acetate	2.697	43	78123	62.192	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	262138	58.527	ug/l	97
20) Methylene Chloride	2.788	84	80635	55.018	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	77229	53.552	ug/l	98
22) Diisopropyl ether	3.745	45	280059	64.418	ug/l	96
23) Vinyl Acetate	3.709	43	987789	284.432	ug/l	100
24) 1,1-Dichloroethane	3.599	63	148111	56.341	ug/l	98
25) 2-Butanone	4.532	43	169634	222.811	ug/l	98
26) 2,2-Dichloropropane	4.458	77	128101	53.987	ug/l	99
27) cis-1,2-Dichloroethene	4.471	96	93213	55.383	ug/l	97
28) Bromochloromethane	4.879	49	62840	57.651	ug/l	98
29) Tetrahydrofuran	4.977	42	129863	284.809	ug/l	99
30) Chloroform	5.074	83	157726	56.158	ug/l	97
31) Cyclohexane	5.452	56	121074	55.630	ug/l	97
32) 1,1,1-Trichloroethane	5.367	97	135402	52.310	ug/l	98
36) 1,1-Dichloropropene	5.678	75	102532	50.154	ug/l	98
37) Ethyl Acetate	4.684	43	92982	54.873	ug/l	99
38) Carbon Tetrachloride	5.659	117	115868	45.939	ug/l	99
39) Methylcyclohexane	7.360	83	122210	50.618	ug/l	95
40) Benzene	6.019	78	311870	52.544	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
 Data File : VX048339.D
 Acq On : 24 Oct 2025 09:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 24 22:59:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.897	41	50795	57.081	ug/l	96
42) 1,2-Dichloroethane	6.068	62	124623	56.900	ug/l	99
43) Isopropyl Acetate	6.318	43	163763	58.836	ug/l	99
44) Trichloroethene	7.104	130	78753	50.249	ug/l	97
45) 1,2-Dichloropropane	7.409	63	79649	56.442	ug/l	100
46) Dibromomethane	7.562	93	59016	53.679	ug/l	98
47) Bromodichloromethane	7.805	83	125556	52.892	ug/l	98
48) Methyl methacrylate	7.671	41	83235	59.262	ug/l	98
49) 1,4-Dioxane	7.641	88	18307	986.597	ug/l	96
51) 4-Methyl-2-Pentanone	8.555	43	456649	284.549	ug/l	100
52) Toluene	8.702	92	193684	51.366	ug/l	100
53) t-1,3-Dichloropropene	8.958	75	117418	51.329	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	120526	48.835	ug/l	98
55) 1,1,2-Trichloroethane	9.134	97	75795	54.053	ug/l	99
56) Ethyl methacrylate	9.098	69	112858	55.026	ug/l	95
57) 1,3-Dichloropropane	9.293	76	129442	54.042	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.226	63	330441	299.294	ug/l	99
59) 2-Hexanone	9.415	43	287437	256.864	ug/l	100
60) Dibromochloromethane	9.500	129	91979	48.803	ug/l	100
61) 1,2-Dibromoethane	9.592	107	78094	52.241	ug/l	98
64) Tetrachloroethene	9.256	164	69934	49.893	ug/l	99
65) Chlorobenzene	10.061	112	214381	50.756	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	77036	49.657	ug/l	100
67) Ethyl Benzene	10.177	91	368764	51.279	ug/l	98
68) m/p-Xylenes	10.281	106	279654	104.665	ug/l	100
69) o-Xylene	10.622	106	135450	52.509	ug/l	100
70) Styrene	10.634	104	236042	53.739	ug/l	99
71) Bromoform	10.780	173	58125	46.878	ug/l #	97
73) Isopropylbenzene	10.945	105	349236	51.150	ug/l	100
74) N-amyl acetate	10.823	43	146738	60.589	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	95793	51.376	ug/l	98
76) 1,2,3-Trichloropropane	11.219	75	102354	67.520	ug/l	81
77) Bromobenzene	11.177	156	88538	51.716	ug/l	99
78) n-propylbenzene	11.287	91	420413	53.181	ug/l	100
79) 2-Chlorotoluene	11.347	91	249581	52.073	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	289432	51.224	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	22416	35.976	ug/l #	66
82) 4-Chlorotoluene	11.433	91	298685	52.497	ug/l	99
83) tert-Butylbenzene	11.695	119	290306	50.006	ug/l	100
84) 1,2,4-Trimethylbenzene	11.732	105	291688	51.728	ug/l	100
85) sec-Butylbenzene	11.872	105	355586	50.910	ug/l	100
86) p-Isopropyltoluene	11.988	119	300777	49.821	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	161594	50.069	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	164145	49.095	ug/l	99
89) n-Butylbenzene	12.311	91	279165	50.804	ug/l	100
90) Hexachloroethane	12.518	117	52745	44.242	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	152380	50.288	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	19444	51.374	ug/l	91
93) 1,2,4-Trichlorobenzene	13.567	180	101730	49.644	ug/l	99
94) Hexachlorobutadiene	13.707	225	37168	48.406	ug/l	98
95) Naphthalene	13.756	128	277956	51.198	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	92908	49.409	ug/l	100

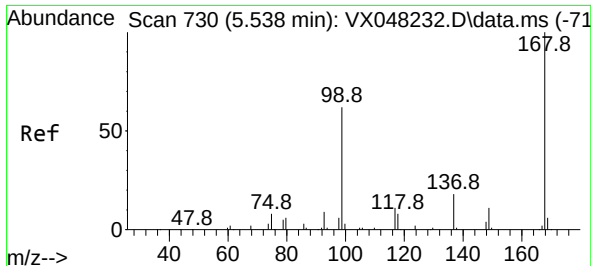
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048339.D
Acq On : 24 Oct 2025 09:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Oct 24 22:59:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

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

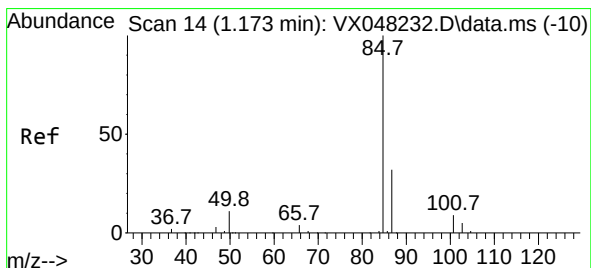
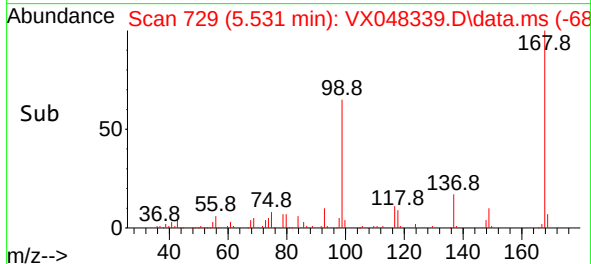
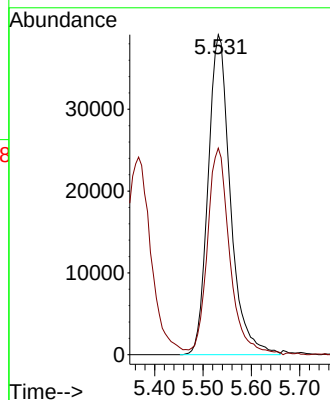
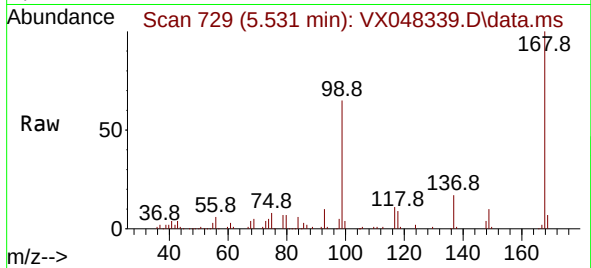
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.013 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

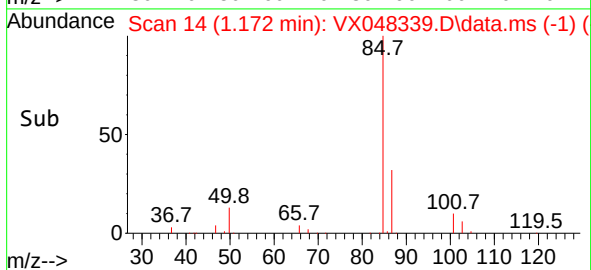
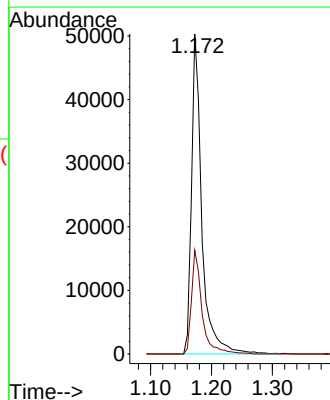
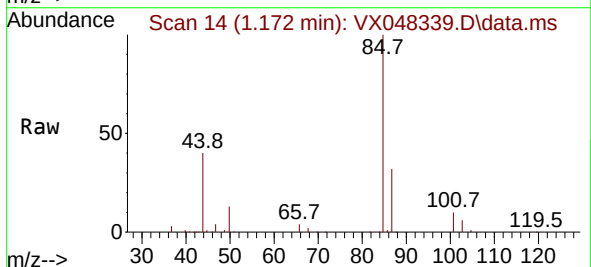
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

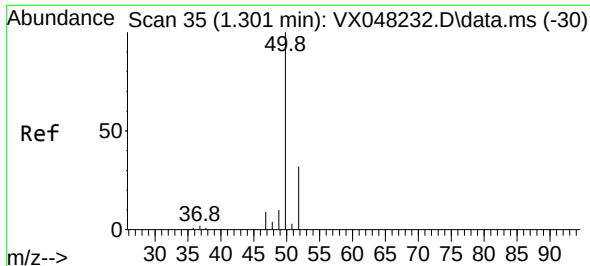
Tgt Ion:168 Resp: 125053
Ion Ratio Lower Upper
168 100
99 63.9 46.4 69.6



#2
Dichlorodifluoromethane
Concen: 45.970 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 85 Resp: 59098
Ion Ratio Lower Upper
85 100
87 32.8 15.3 45.9

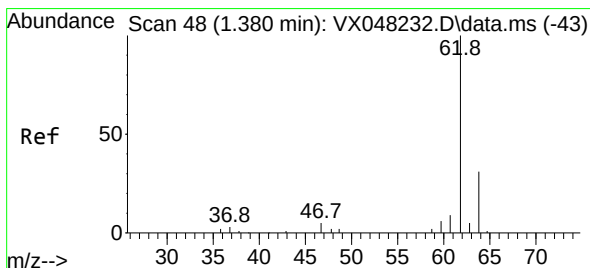
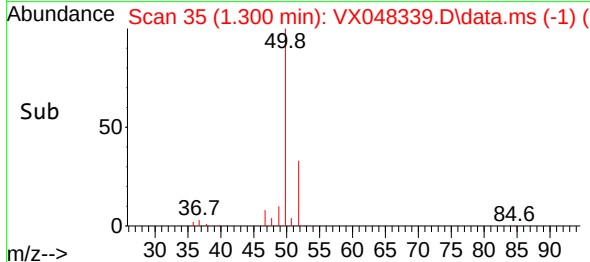
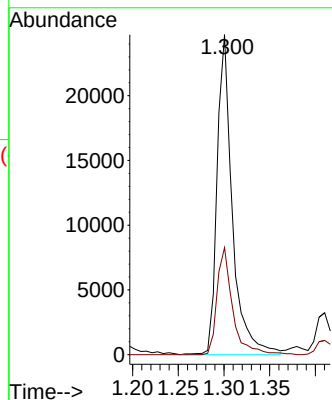
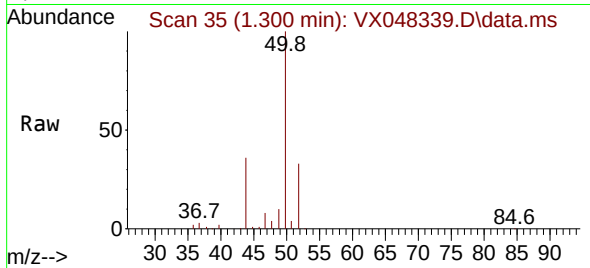




#3
Chloromethane
Concen: 23.900 ug/l
RT: 1.300 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

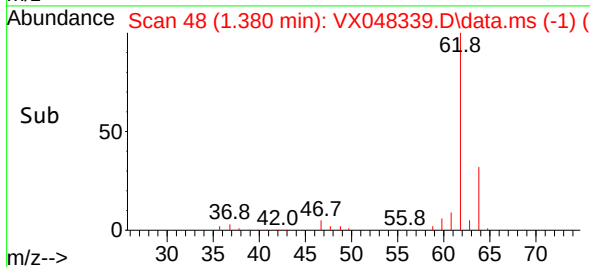
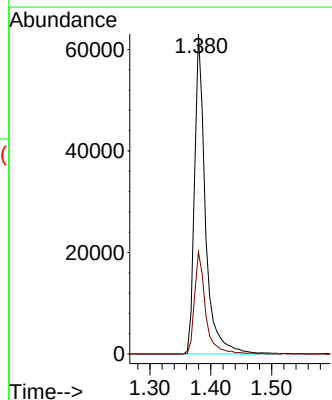
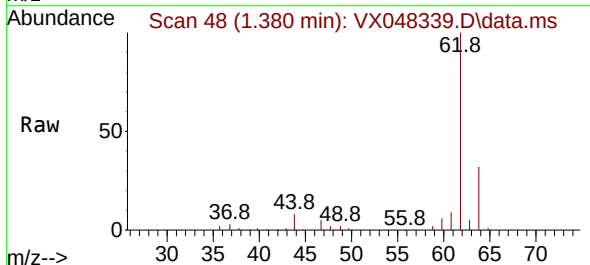
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

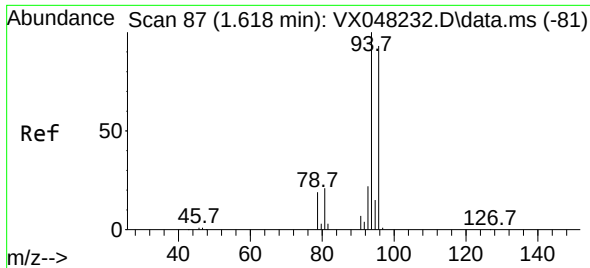
Tgt Ion: 50 Resp: 28679
Ion Ratio Lower Upper
50 100
52 33.4 25.9 38.9



#4
Vinyl Chloride
Concen: 70.590 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 62 Resp: 78438
Ion Ratio Lower Upper
62 100
64 31.8 25.1 37.7

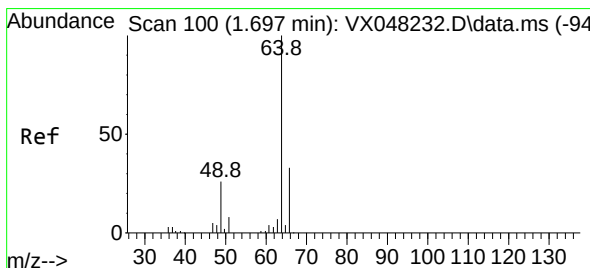
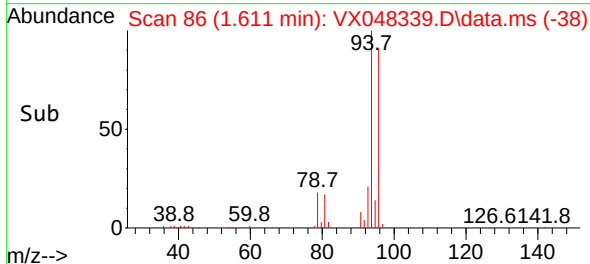
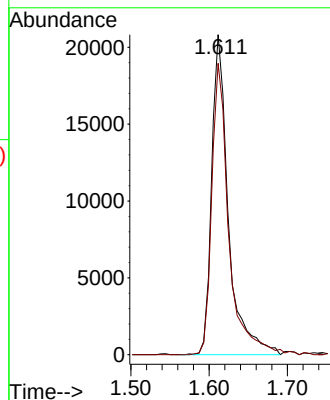
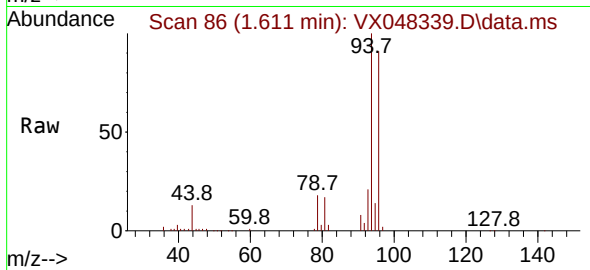




#5
Bromomethane
Concen: 40.909 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

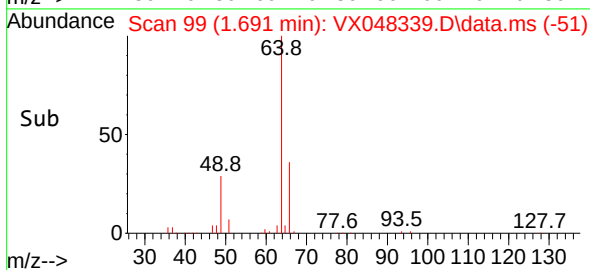
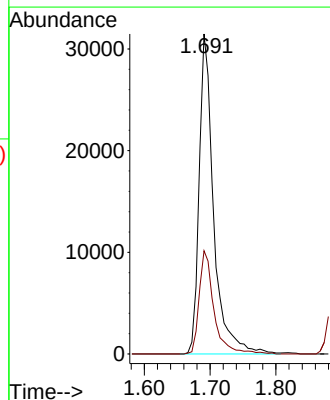
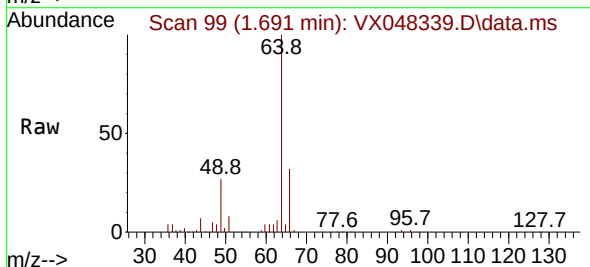
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

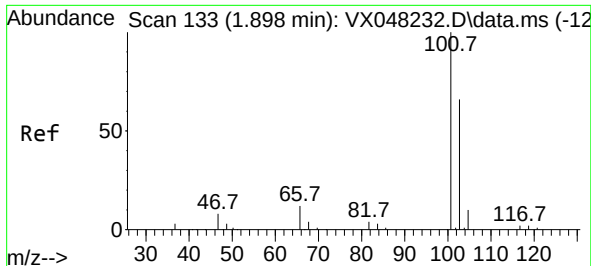
Tgt Ion: 94 Resp: 30849
Ion Ratio Lower Upper
94 100
96 91.0 76.0 114.0



#6
Chloroethane
Concen: 73.704 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 64 Resp: 48125
Ion Ratio Lower Upper
64 100
66 32.3 23.9 35.9

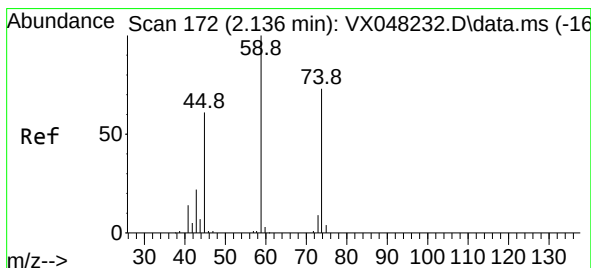
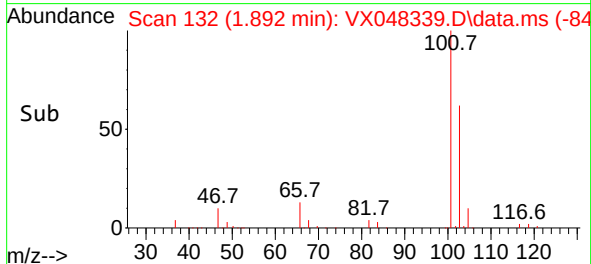
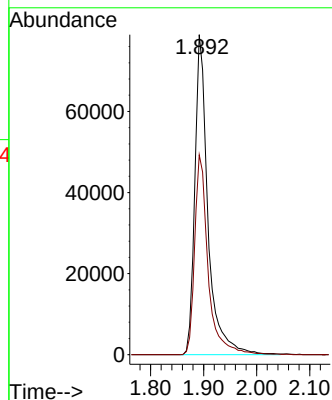
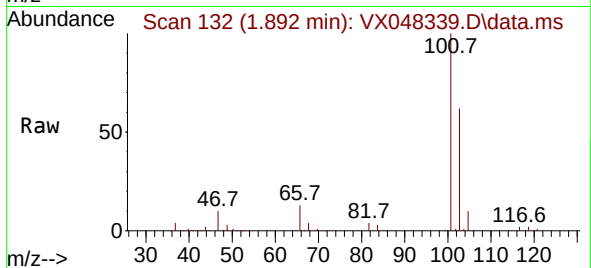




#7
Trichlorofluoromethane
Concen: 63.576 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

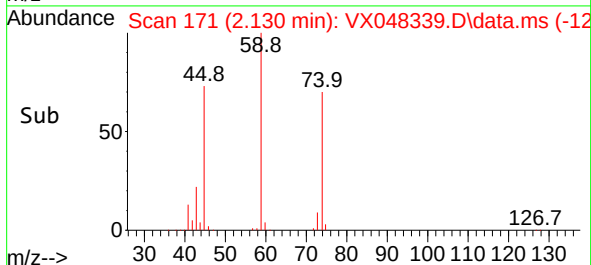
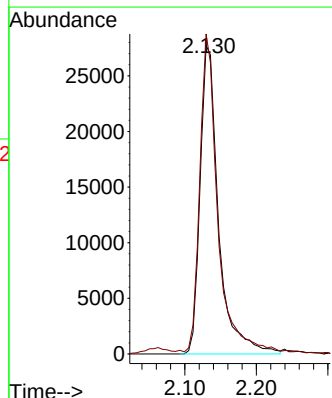
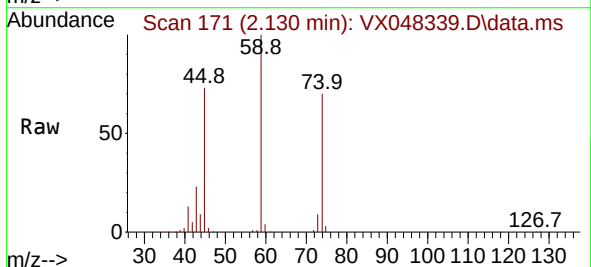
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

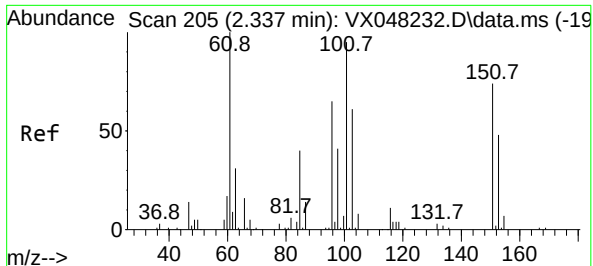
Tgt Ion:101 Resp: 135485
Ion Ratio Lower Upper
101 100
103 62.5 51.6 77.4



#8
Diethyl Ether
Concen: 82.980 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 74 Resp: 49757
Ion Ratio Lower Upper
74 100
45 99.3 50.0 149.8

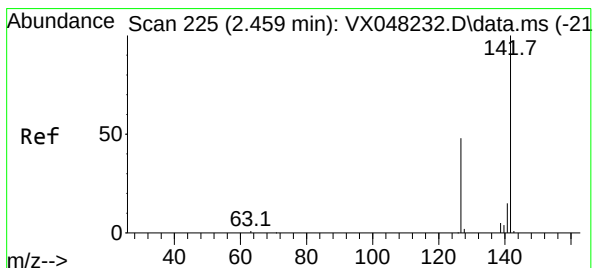
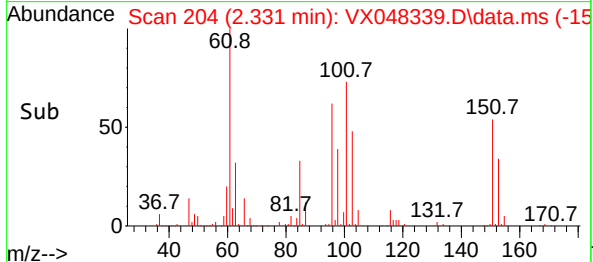
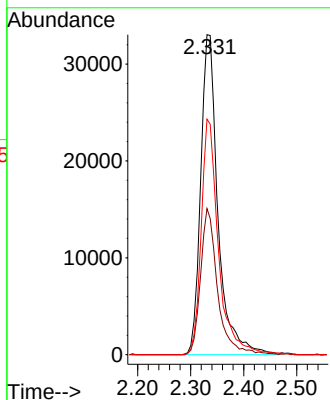
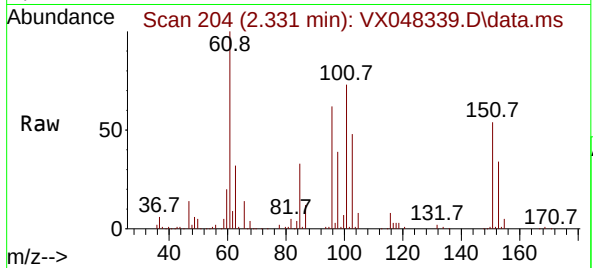




#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.546 ug/l
RT: 2.331 min Scan# 205
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

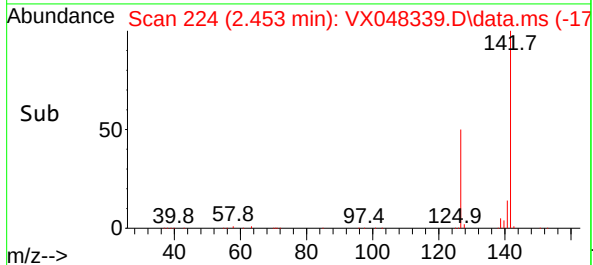
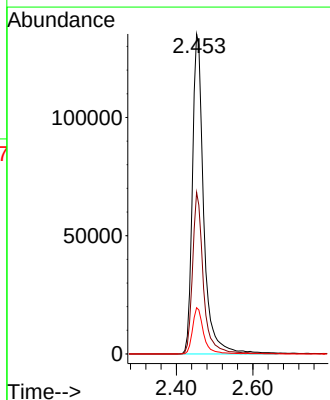
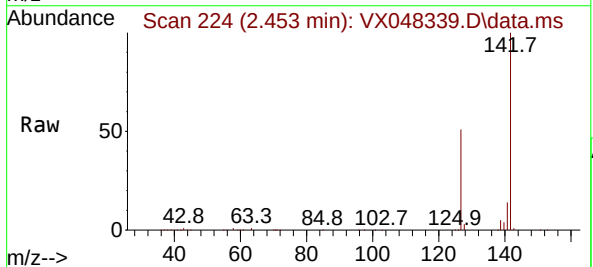
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

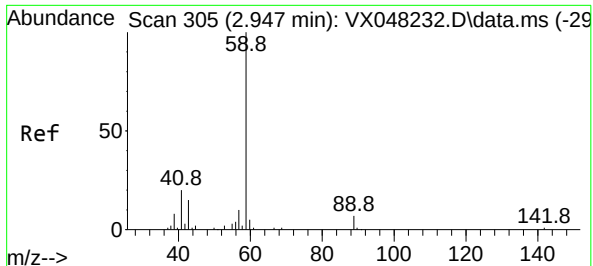
Tgt Ion:101 Resp: 74958
Ion Ratio Lower Upper
101 100
85 45.1 35.6 53.4
151 73.7 58.0 87.0



#10
Methyl Iodide
Concen: 164.198 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:142 Resp: 278558
Ion Ratio Lower Upper
142 100
127 48.6 38.5 57.7
141 14.1 11.6 17.4

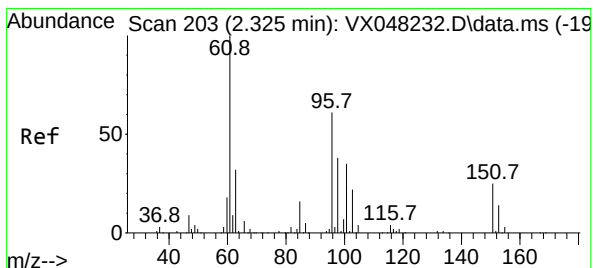
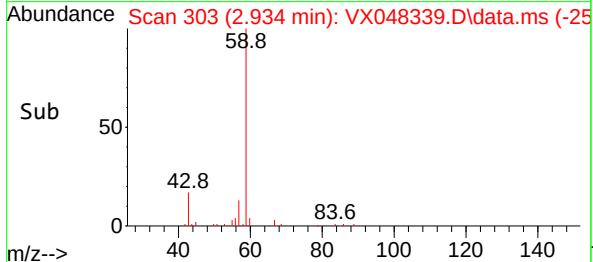
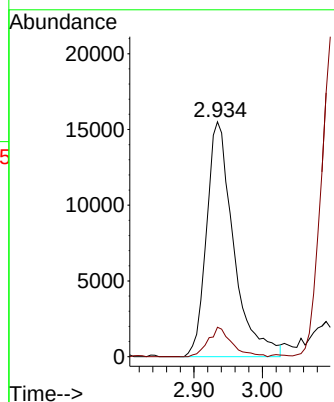
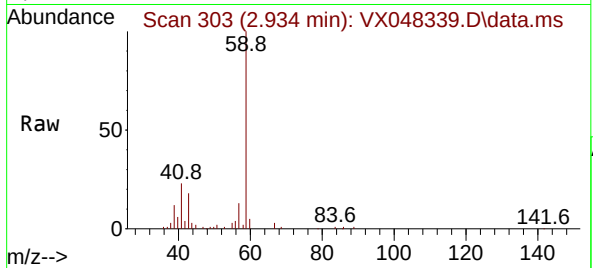




#11
Tert butyl alcohol
Concen: 244.130 ug/l
RT: 2.934 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

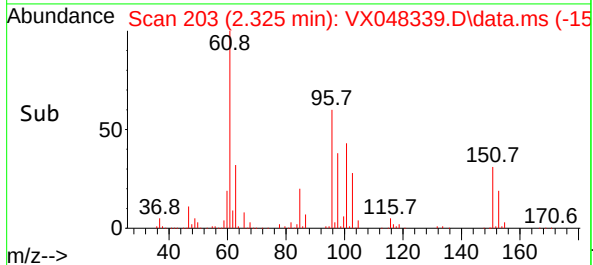
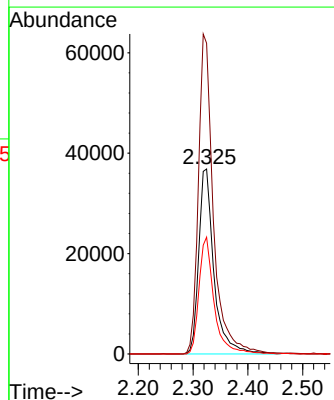
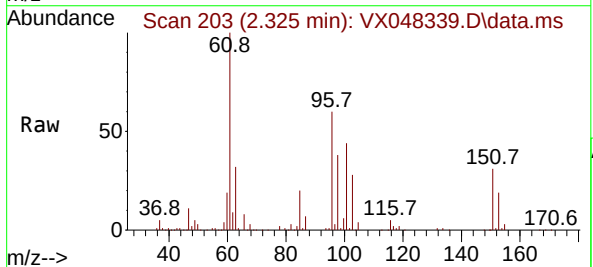
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

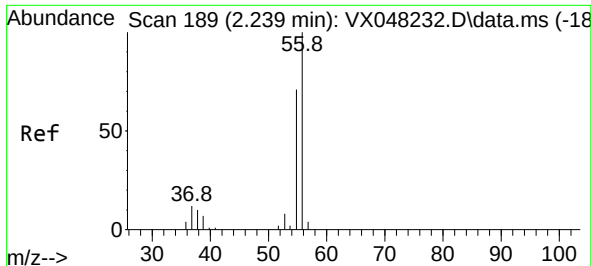
Tgt Ion: 59 Resp: 42499
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.4



#12
1,1-Dichloroethene
Concen: 54.527 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 96 Resp: 71588
Ion Ratio Lower Upper
96 100
61 168.0 139.0 208.6
98 63.1 52.4 78.6

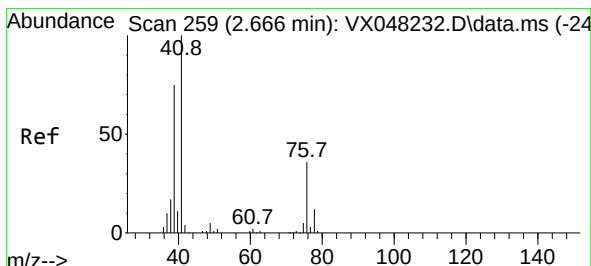
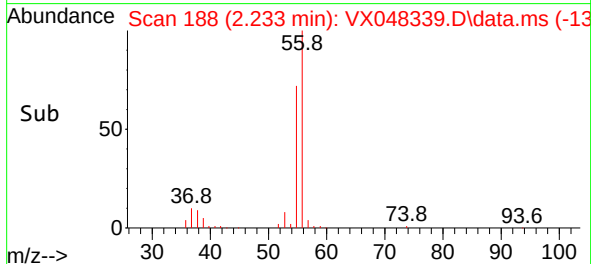
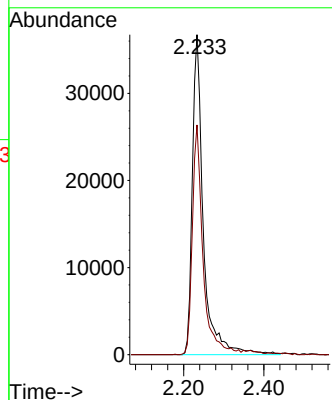
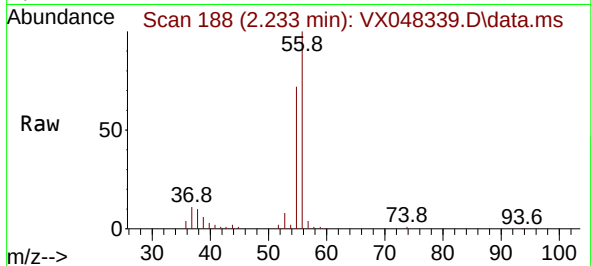




#13
Acrolein
Concen: 394.484 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

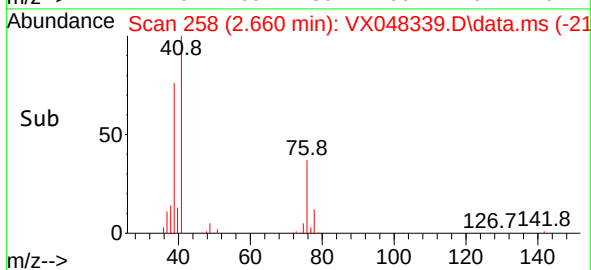
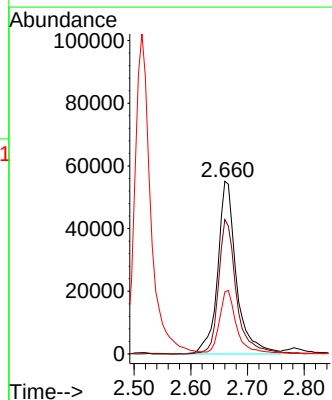
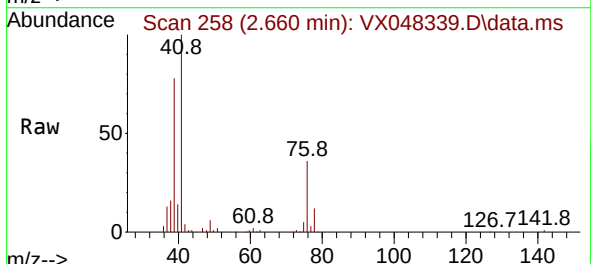
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

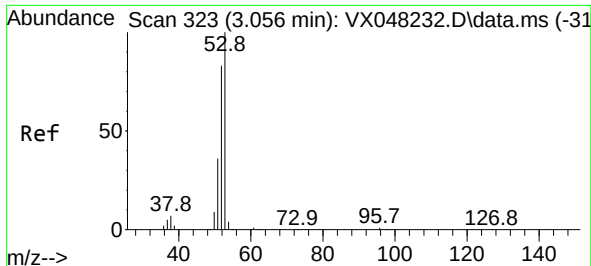
Tgt Ion: 56 Resp: 70039
Ion Ratio Lower Upper
56 100
55 69.5 56.1 84.1



#14
Allyl chloride
Concen: 58.086 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 41 Resp: 126613
Ion Ratio Lower Upper
41 100
39 74.8 56.0 84.0
76 34.1 27.5 41.3

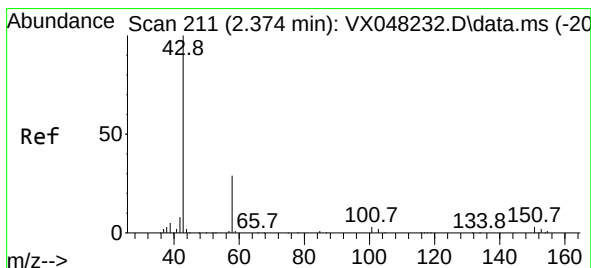
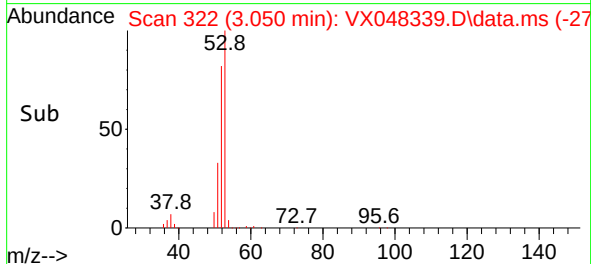
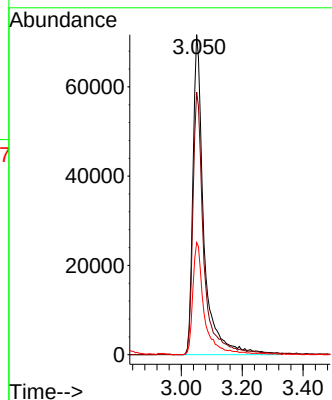
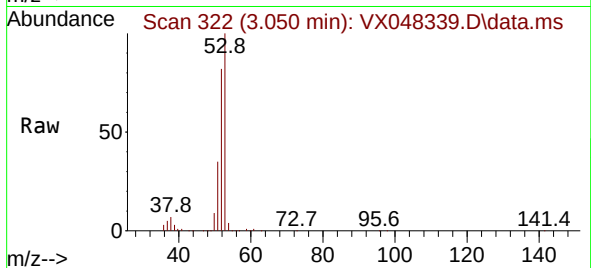




#15
Acrylonitrile
Concen: 287.081 ug/l
RT: 3.050 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

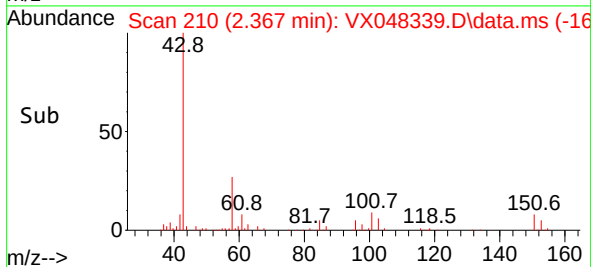
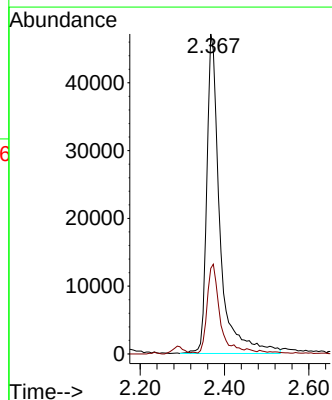
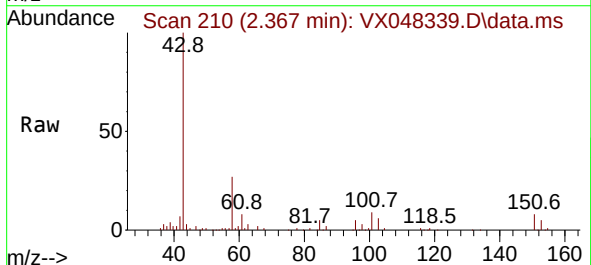
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

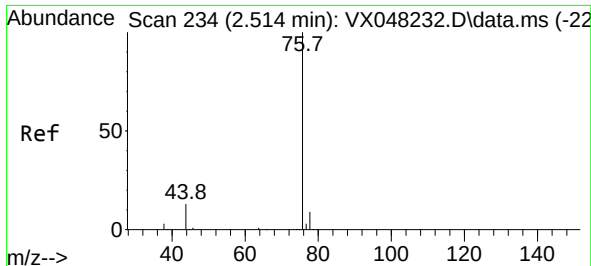
Tgt Ion: 53 Resp: 180209
Ion Ratio Lower Upper
53 100
52 81.7 66.1 99.1
51 36.9 29.0 43.4



#16
Acetone
Concen: 169.814 ug/l
RT: 2.367 min Scan# 210
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 43 Resp: 102142
Ion Ratio Lower Upper
43 100
58 26.3 23.4 35.2

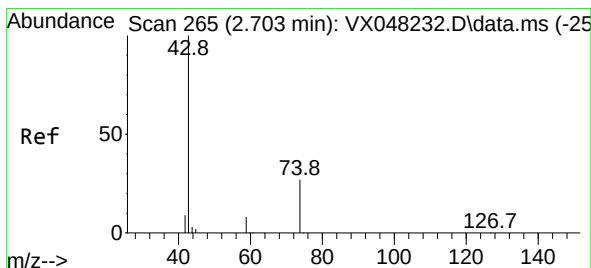
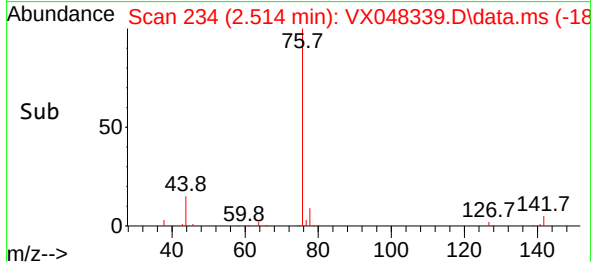
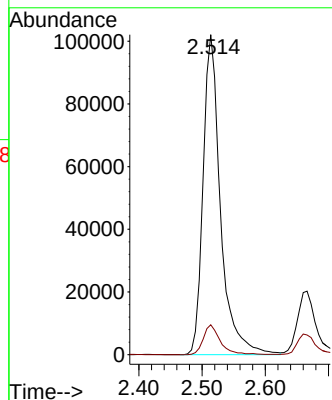
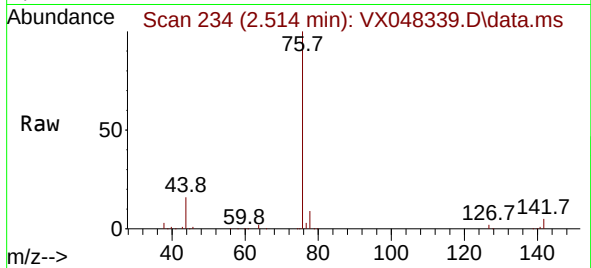




#17
Carbon Disulfide
Concen: 47.388 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

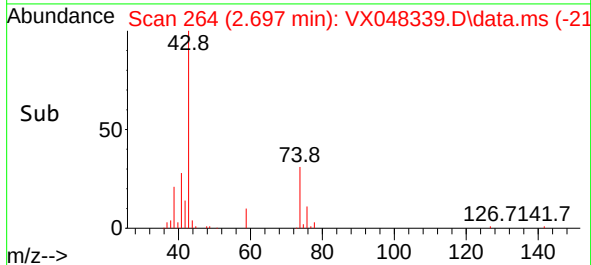
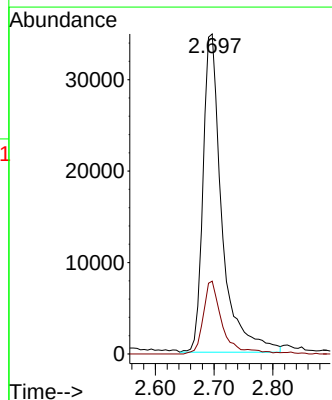
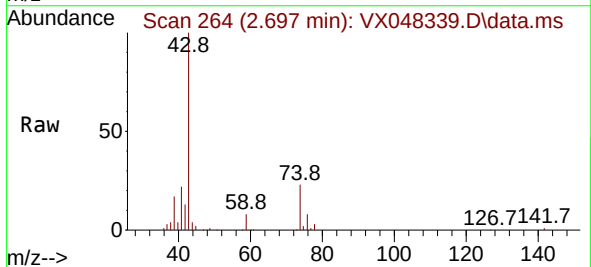
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

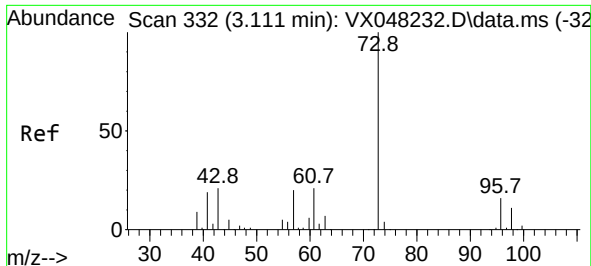
Tgt Ion: 76 Resp: 196078
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7



#18
Methyl Acetate
Concen: 62.192 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 43 Resp: 78123
Ion Ratio Lower Upper
43 100
74 22.9 17.5 26.3

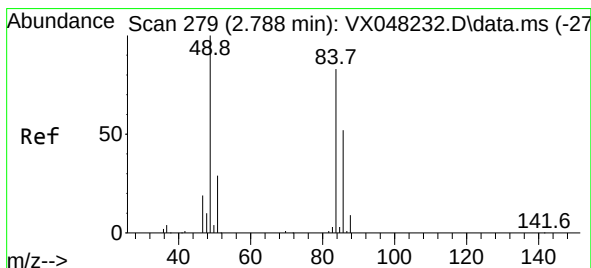
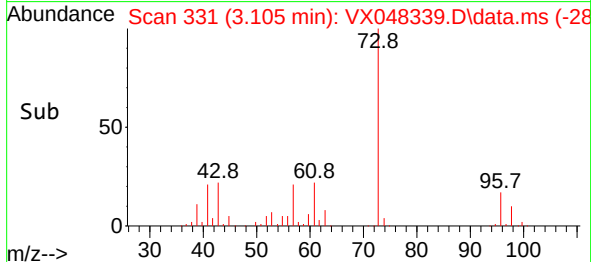
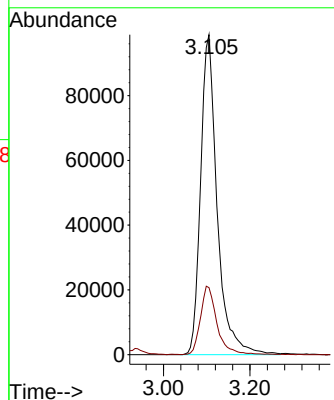
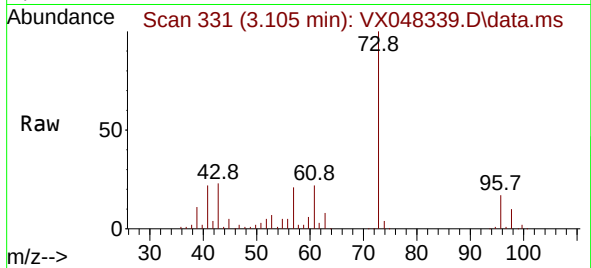




#19
Methyl tert-butyl Ether
Concen: 58.527 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

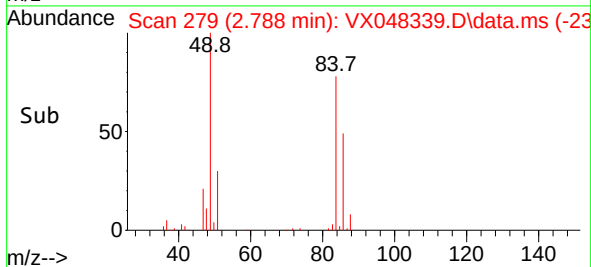
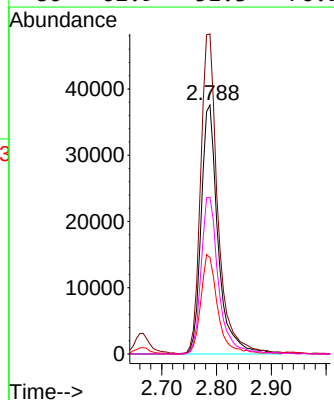
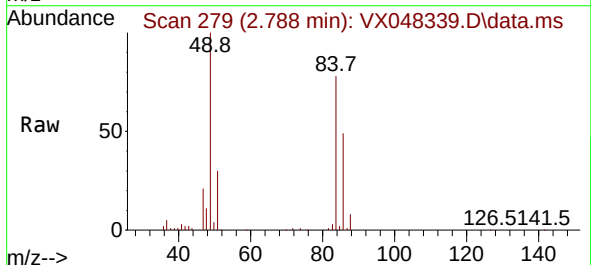
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

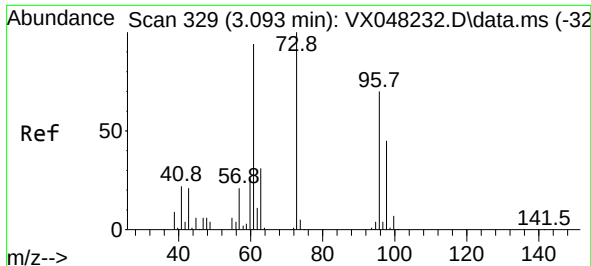
Tgt Ion: 73 Resp: 262138
Ion Ratio Lower Upper
73 100
57 20.9 17.7 26.5



#20
Methylene Chloride
Concen: 55.018 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 84 Resp: 80635
Ion Ratio Lower Upper
84 100
49 128.4 104.1 156.1
51 38.7 31.3 46.9
86 62.9 51.3 76.9

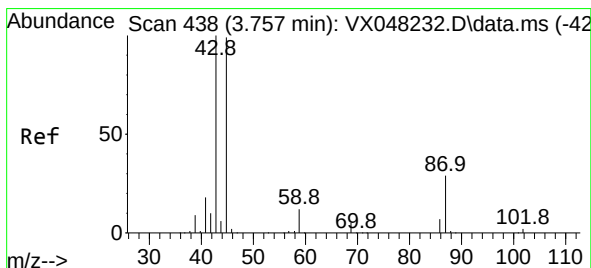
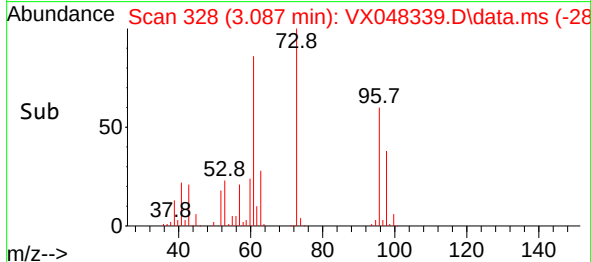
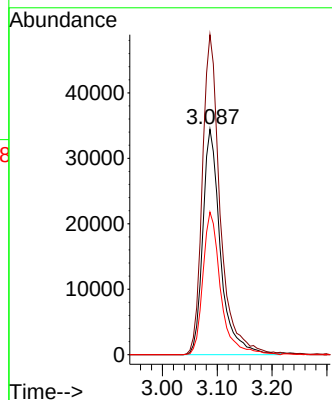
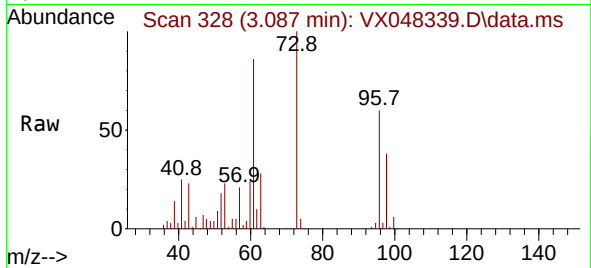




#21
trans-1,2-Dichloroethene
Concen: 53.552 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

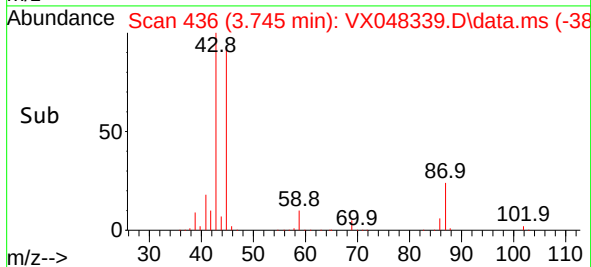
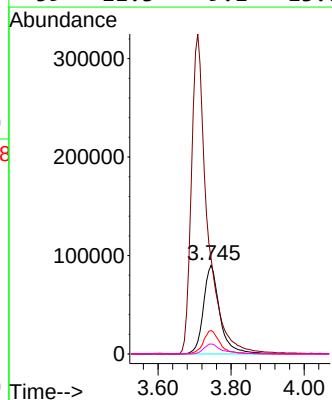
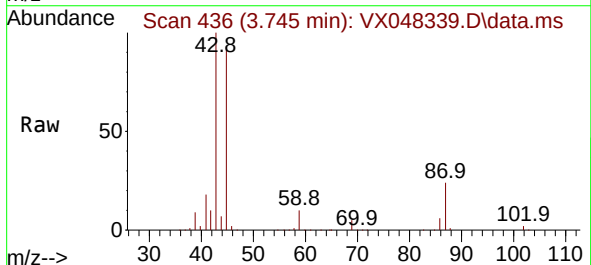
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

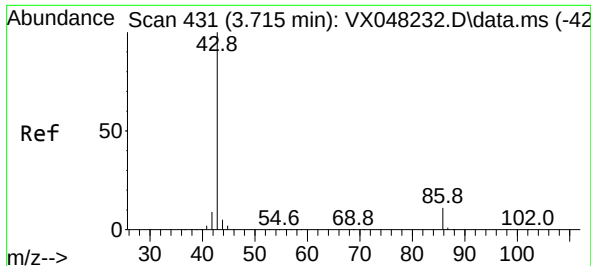
Tgt Ion: 96 Resp: 77229
Ion Ratio Lower Upper
96 100
61 142.0 111.9 167.9
98 64.9 51.2 76.8



#22
Diisopropyl ether
Concen: 64.418 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 45 Resp: 280059
Ion Ratio Lower Upper
45 100
43 107.3 89.8 134.8
87 26.4 20.6 31.0
59 11.3 9.1 13.7

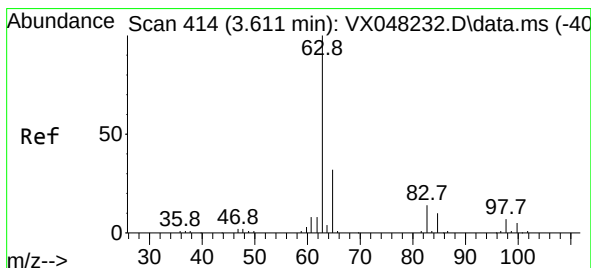
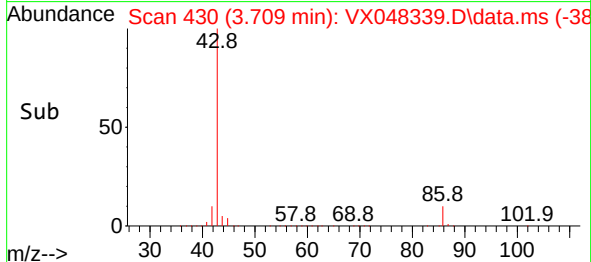
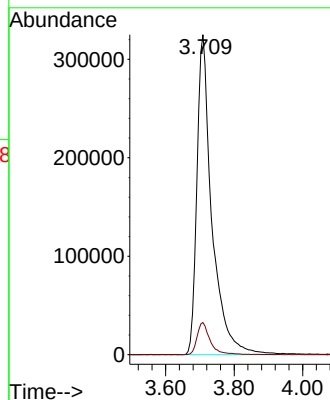
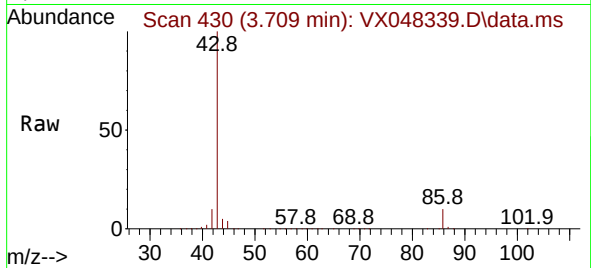




#23
 Vinyl Acetate
 Concen: 284.432 ug/l
 RT: 3.709 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX048339.D
 Acq: 24 Oct 2025 09:16

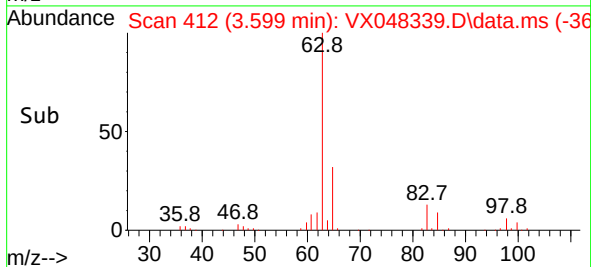
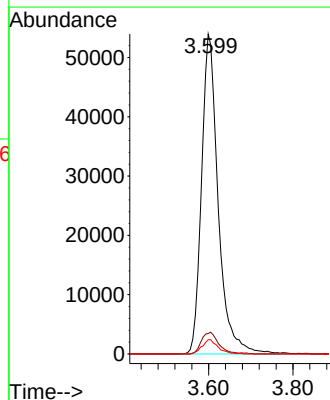
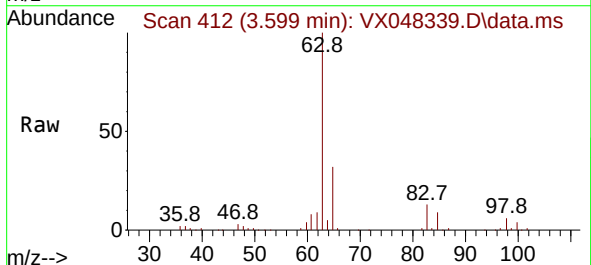
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

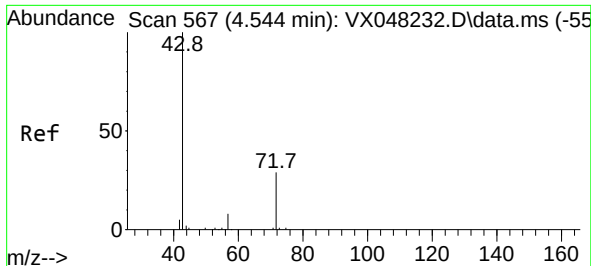
Tgt Ion: 43 Resp: 987789
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 56.341 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX048339.D
 Acq: 24 Oct 2025 09:16

Tgt Ion: 63 Resp: 148111
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.5 10.6
 100 4.6 2.1 6.3

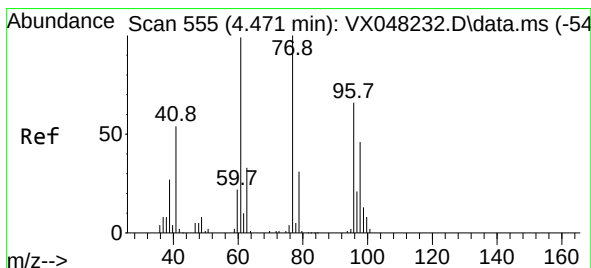
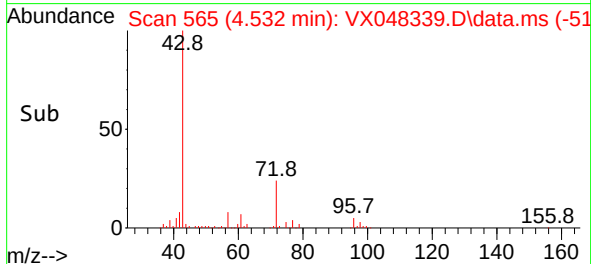
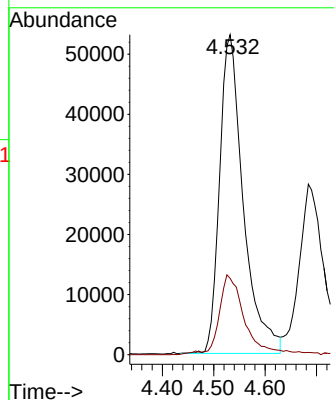
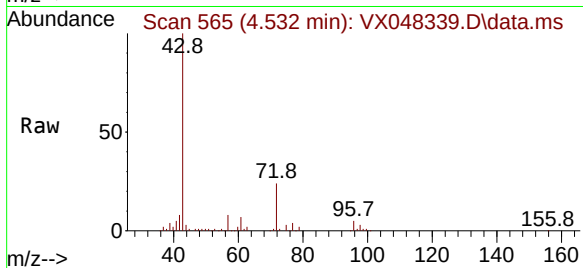




#25
2-Butanone
Concen: 222.811 ug/l
RT: 4.532 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

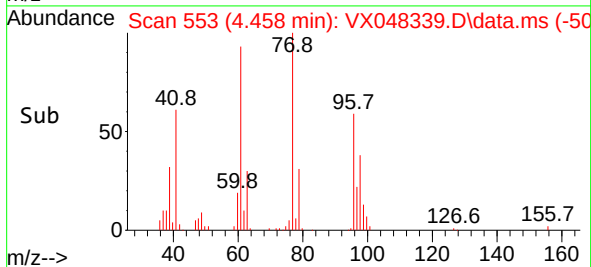
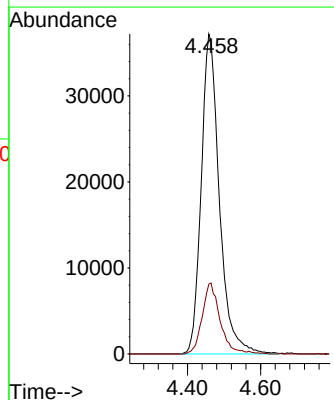
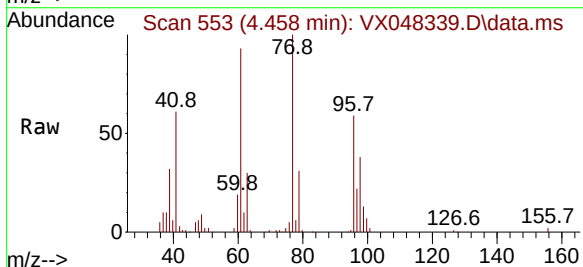
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

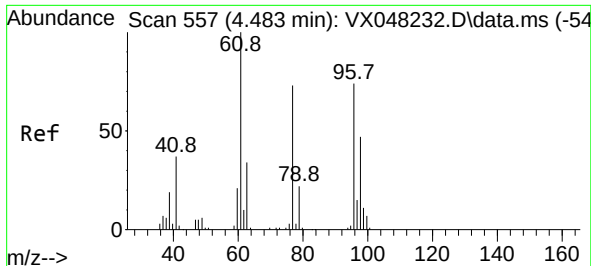
Tgt Ion: 43 Resp: 169634
Ion Ratio Lower Upper
43 100
72 24.0 19.9 29.9



#26
2,2-Dichloropropane
Concen: 53.987 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 77 Resp: 128101
Ion Ratio Lower Upper
77 100
97 22.0 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 55.383 ug/l

RT: 4.471 min Scan# 51

Delta R.T. -0.012 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

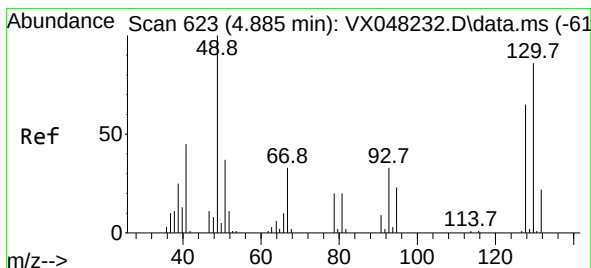
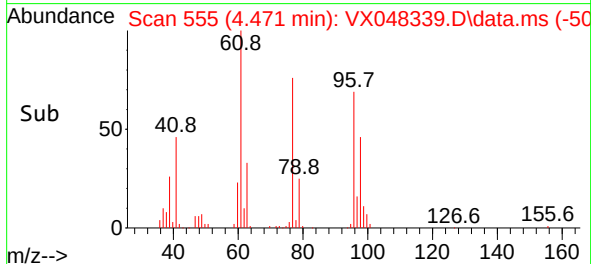
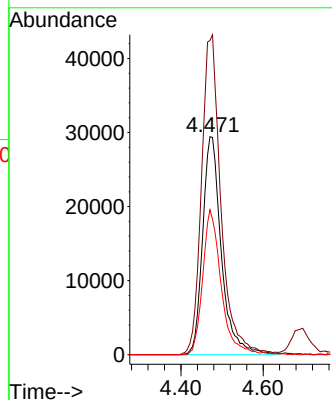
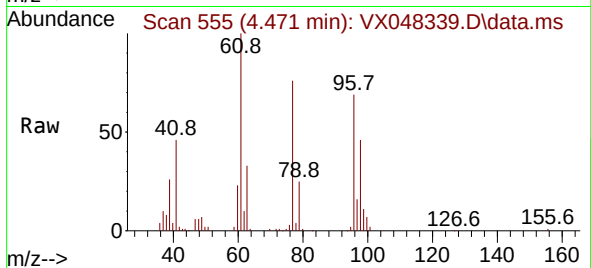
Tgt Ion: 96 Resp: 93213

Ion Ratio Lower Upper

96 100

61 152.3 0.0 294.2

98 64.9 0.0 128.4



#28

Bromochloromethane

Concen: 57.651 ug/l

RT: 4.879 min Scan# 622

Delta R.T. -0.006 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

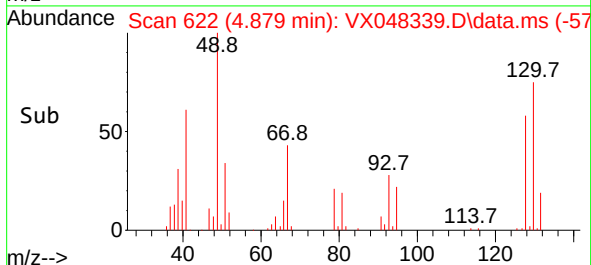
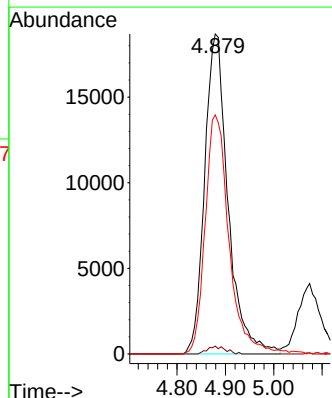
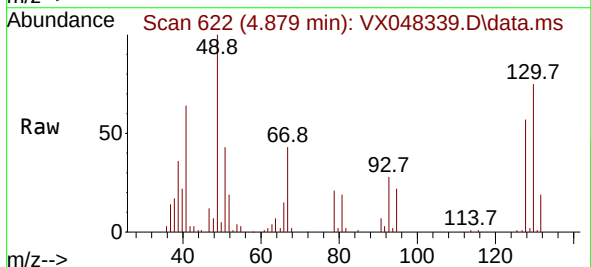
Tgt Ion: 49 Resp: 62840

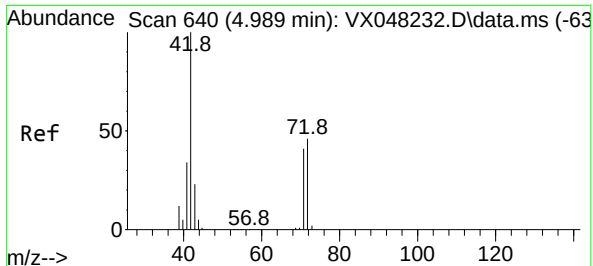
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.4

130 75.9 59.3 88.9





#29

Tetrahydrofuran

Concen: 284.809 ug/l

RT: 4.977 min Scan# 61

Delta R.T. -0.012 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

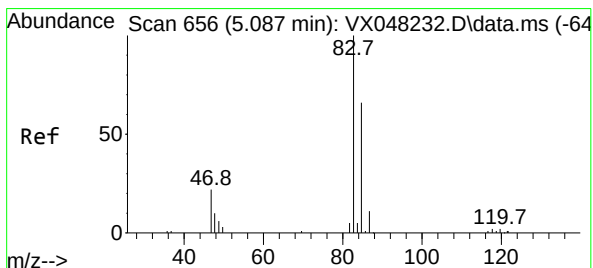
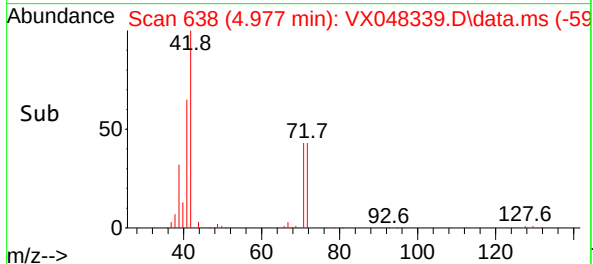
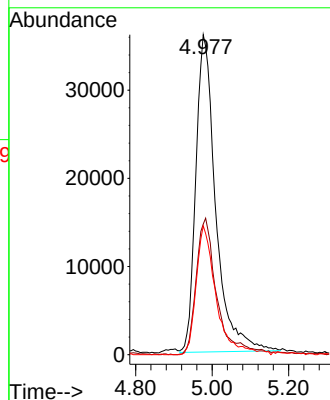
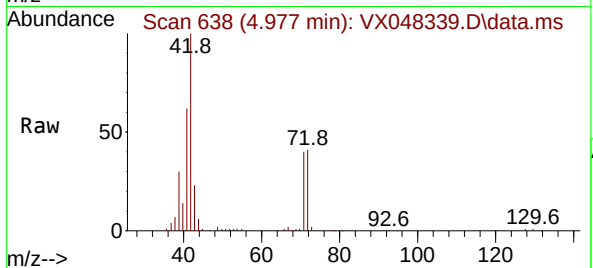
Tgt Ion: 42 Resp: 129863

Ion Ratio Lower Upper

42 100

72 44.9 35.3 52.9

71 40.1 32.2 48.4



#30

Chloroform

Concen: 56.158 ug/l

RT: 5.074 min Scan# 654

Delta R.T. -0.006 min

Lab File: VX048339.D

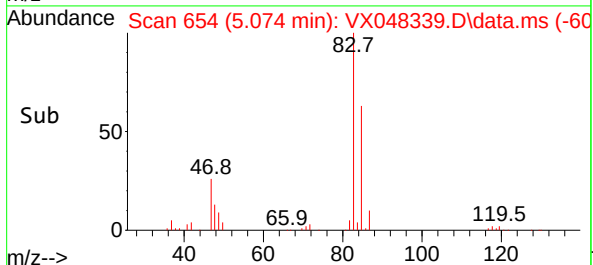
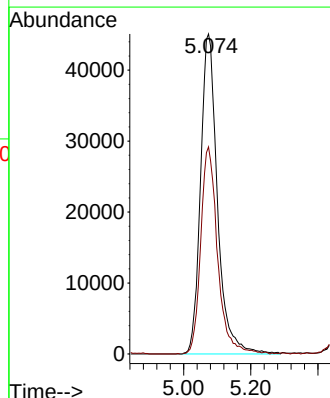
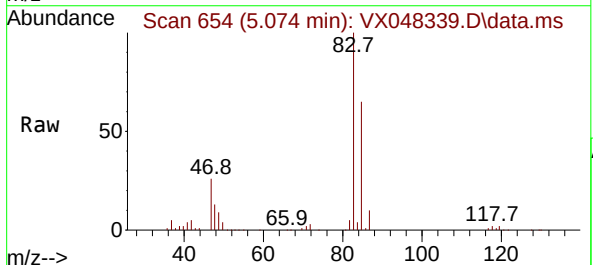
Acq: 24 Oct 2025 09:16

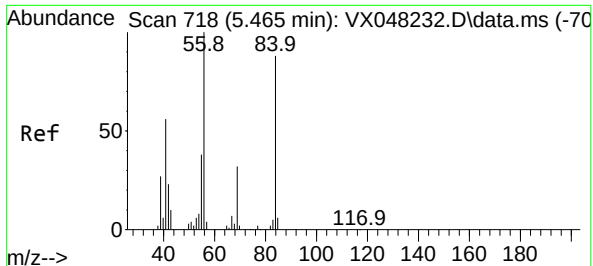
Tgt Ion: 83 Resp: 157726

Ion Ratio Lower Upper

83 100

85 64.7 50.1 75.1

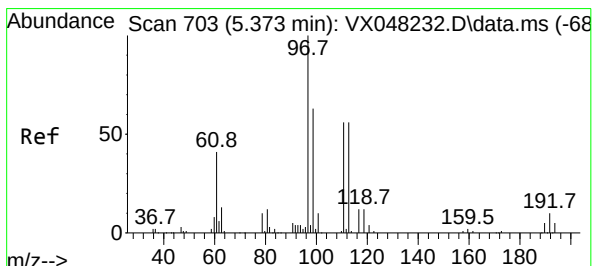
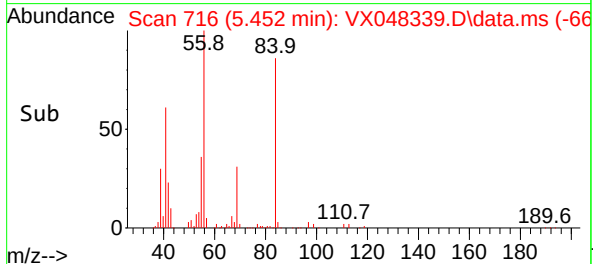
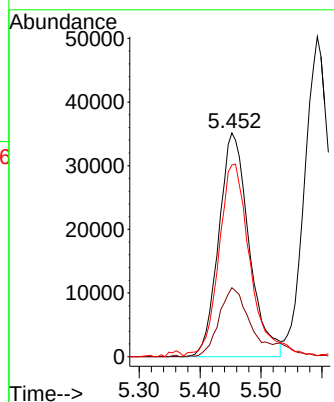
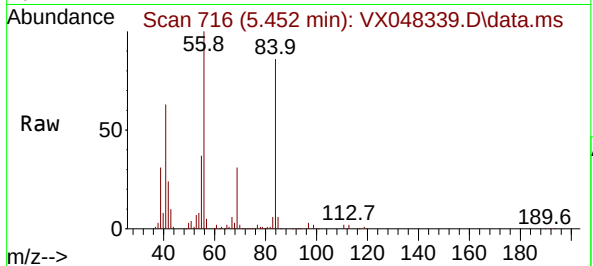




#31
Cyclohexane
Concen: 55.630 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

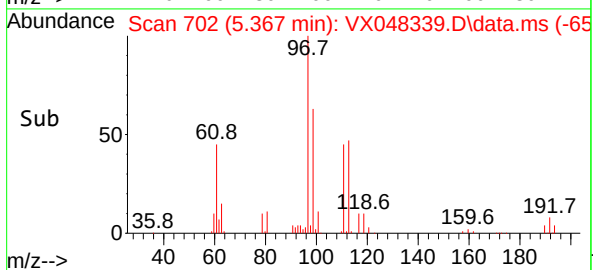
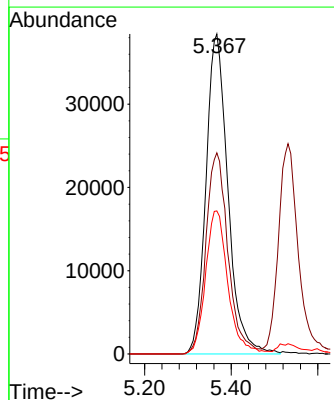
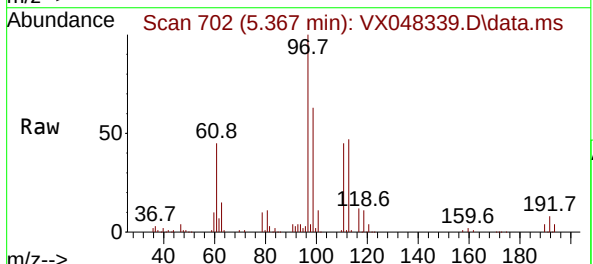
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

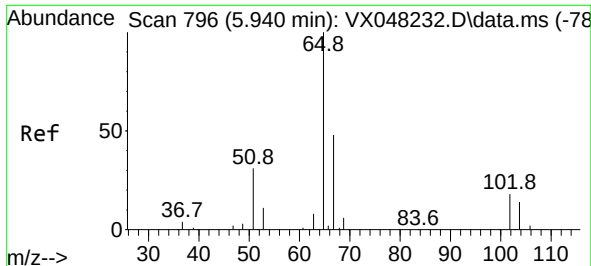
Tgt Ion: 56 Resp: 121074
Ion Ratio Lower Upper
56 100
69 30.2 23.0 34.6
84 83.5 64.6 97.0



#32
1,1,1-Trichloroethane
Concen: 52.310 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 97 Resp: 135402
Ion Ratio Lower Upper
97 100
99 63.3 51.7 77.5
61 45.6 34.8 52.2





#33

1,2-Dichloroethane-d4

Concen: 53.755 ug/l

RT: 5.934 min Scan# 796

Delta R.T. -0.006 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

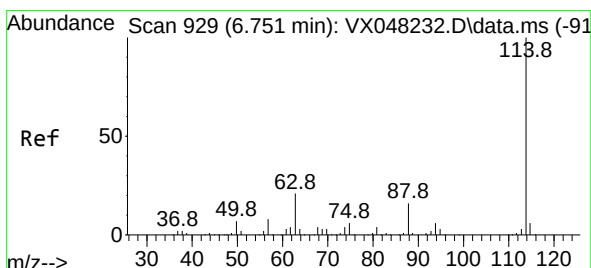
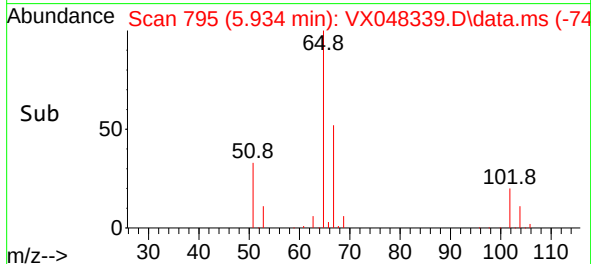
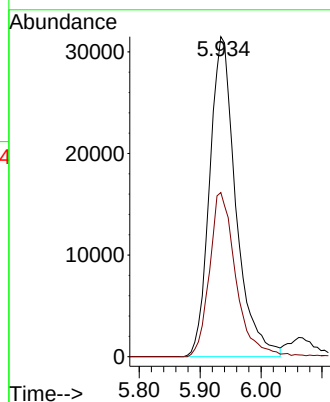
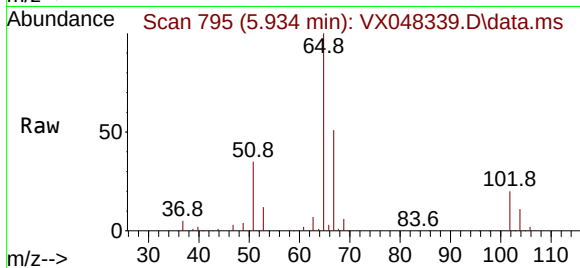
VSTDCCC050

Tgt Ion: 65 Resp: 94250

Ion Ratio Lower Upper

65 100

67 51.6 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.739 min Scan# 927

Delta R.T. -0.006 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

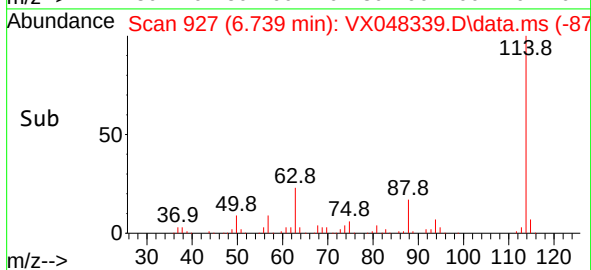
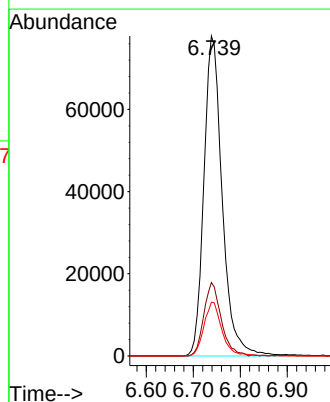
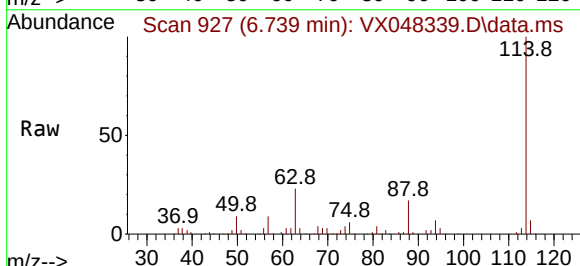
Tgt Ion: 114 Resp: 210685

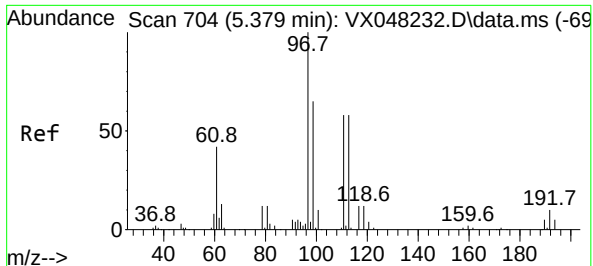
Ion Ratio Lower Upper

114 100

63 23.0 0.0 43.2

88 16.8 0.0 33.6

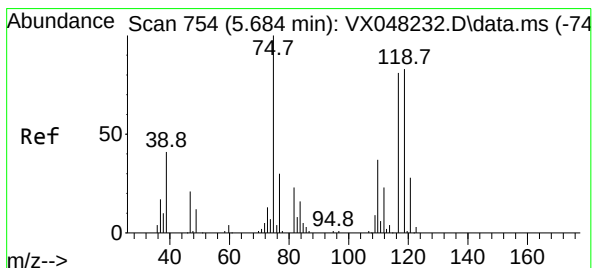
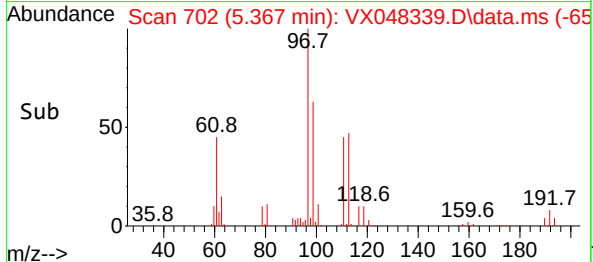
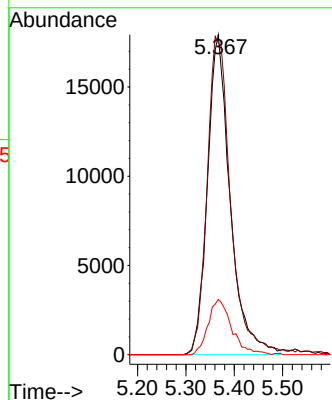
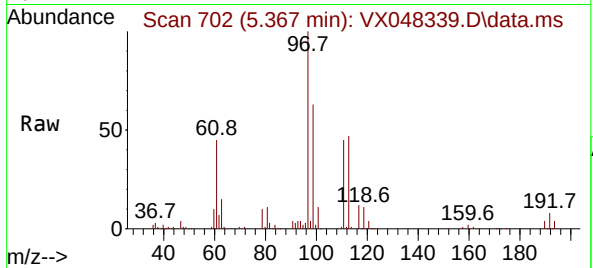




#35
Dibromofluoromethane
Concen: 40.612 ug/l
RT: 5.367 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

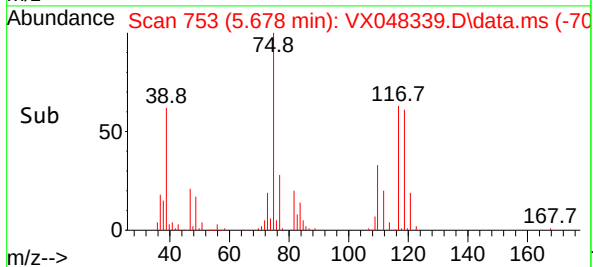
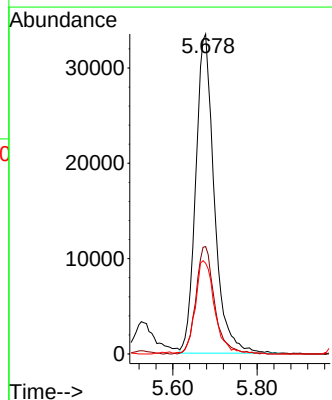
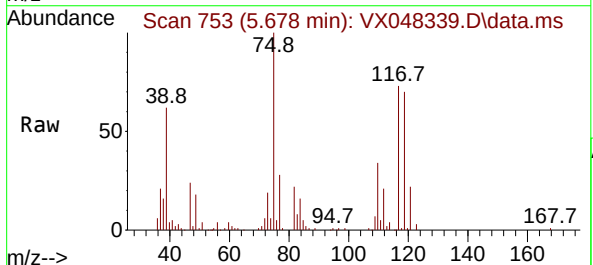
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

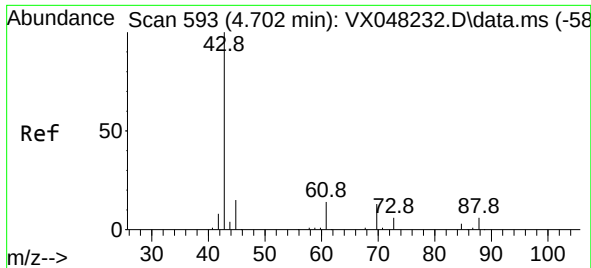
Tgt Ion:113 Resp: 58414
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 17.9 15.1 22.7



#36
1,1-Dichloropropene
Concen: 50.154 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 75 Resp: 102532
Ion Ratio Lower Upper
75 100
110 34.0 17.7 53.1
77 29.8 24.3 36.5





#37

Ethyl Acetate

Concen: 54.873 ug/l

RT: 4.684 min Scan# 593

Delta R.T. -0.012 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

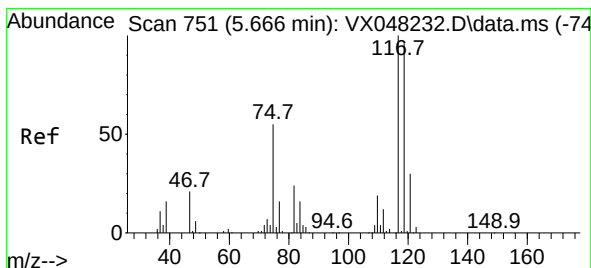
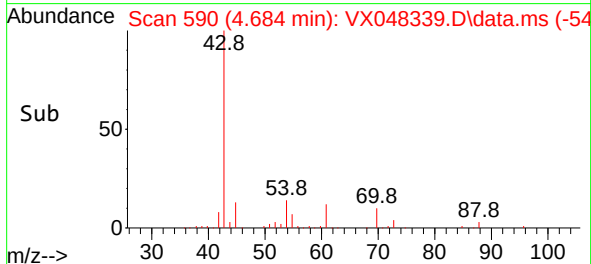
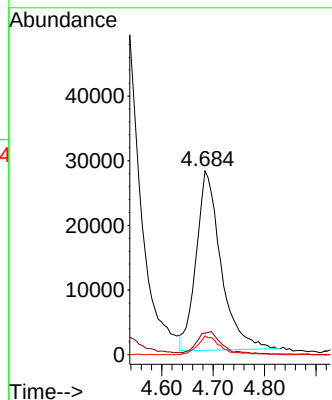
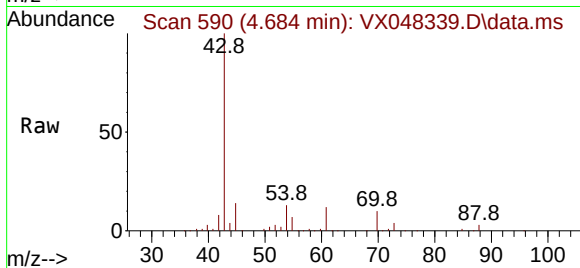
Tgt Ion: 43 Resp: 92982

Ion Ratio Lower Upper

43 100

61 12.5 10.6 15.8

70 9.7 7.8 11.6



#38

Carbon Tetrachloride

Concen: 45.939 ug/l

RT: 5.659 min Scan# 750

Delta R.T. -0.006 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

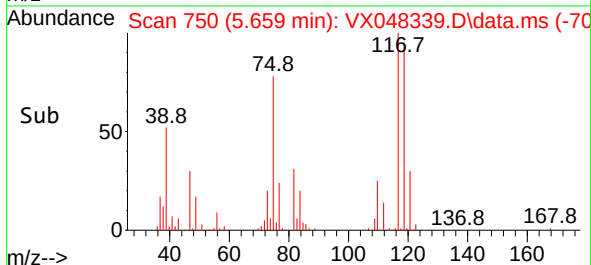
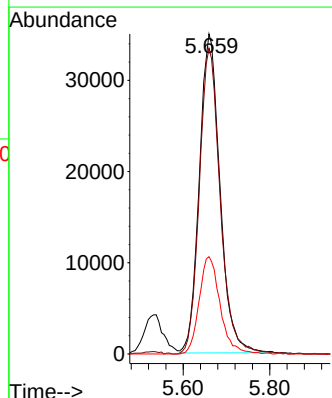
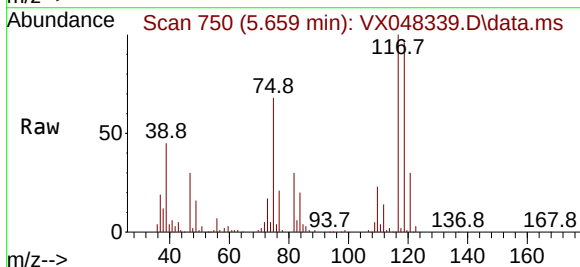
Tgt Ion: 117 Resp: 115868

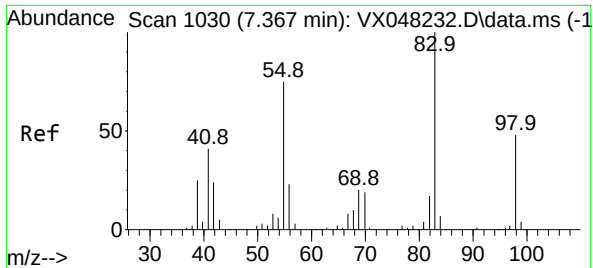
Ion Ratio Lower Upper

117 100

119 95.6 77.2 115.8

121 30.5 24.8 37.2

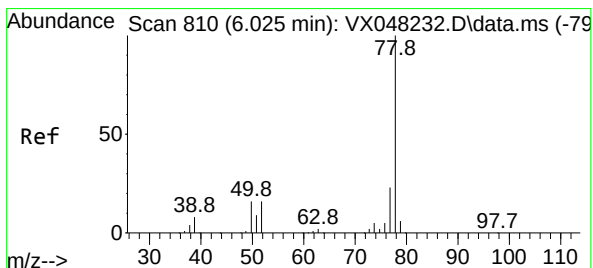
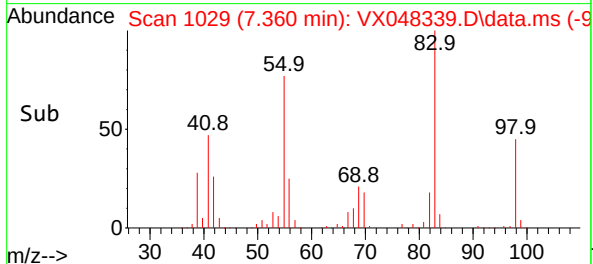
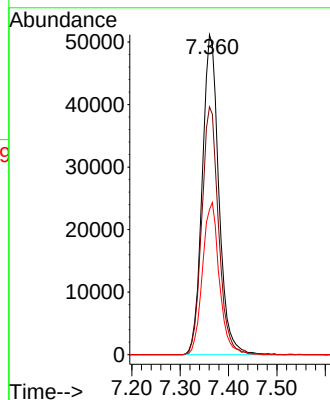
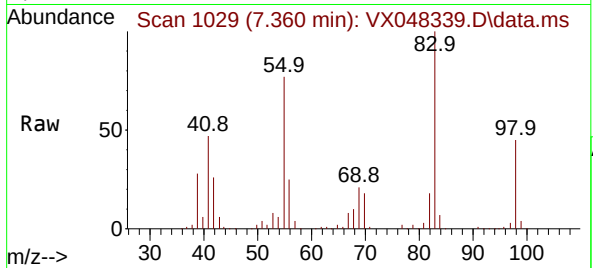




#39
Methylcyclohexane
Concen: 50.618 ug/l
RT: 7.360 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

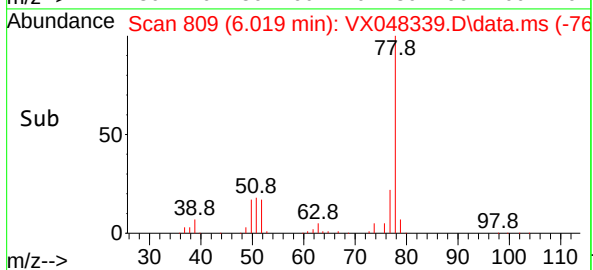
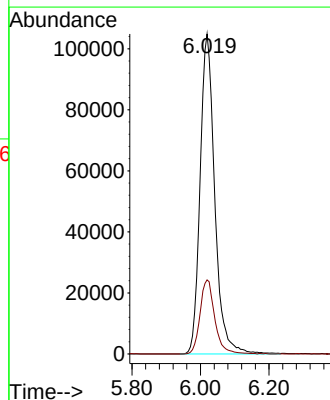
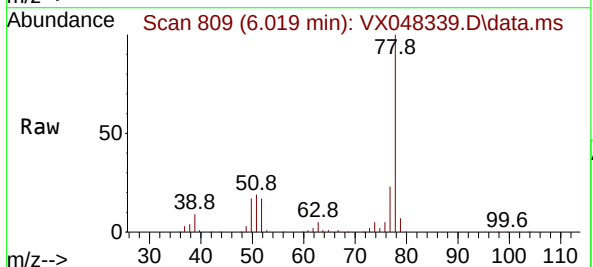
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

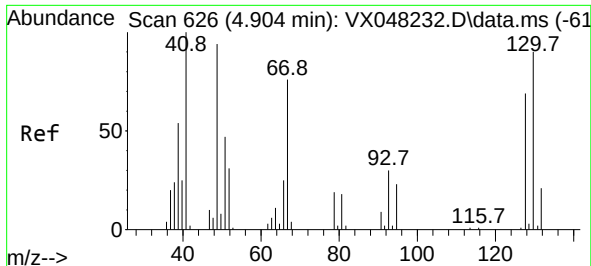
Tgt Ion: 83 Resp: 122210
Ion Ratio Lower Upper
83 100
55 77.5 66.2 99.2
98 45.3 38.9 58.3



#40
Benzene
Concen: 52.544 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 78 Resp: 311870
Ion Ratio Lower Upper
78 100
77 23.2 19.3 28.9



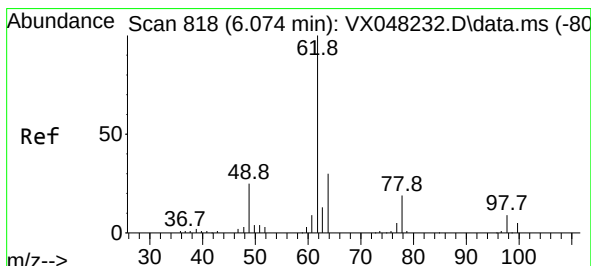
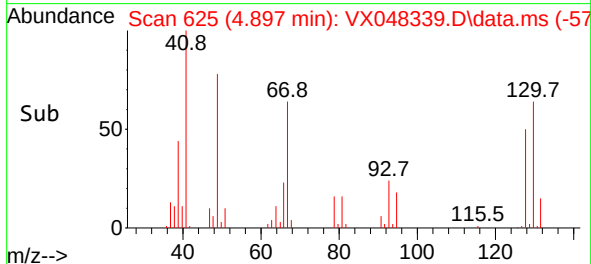
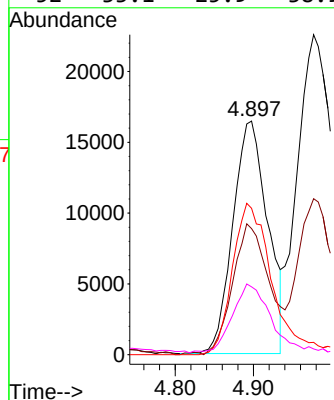
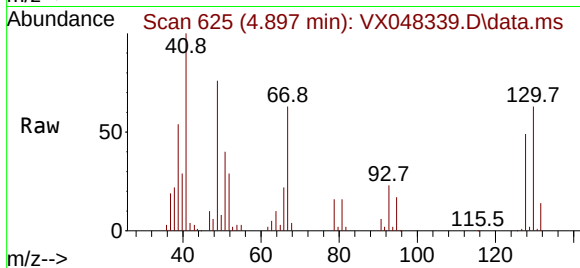


#41
Methacrylonitrile
Concen: 57.081 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 50795

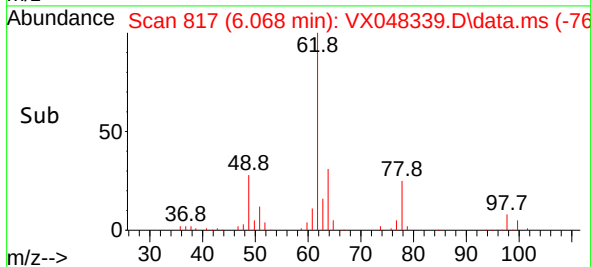
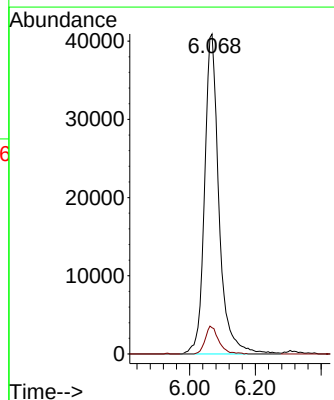
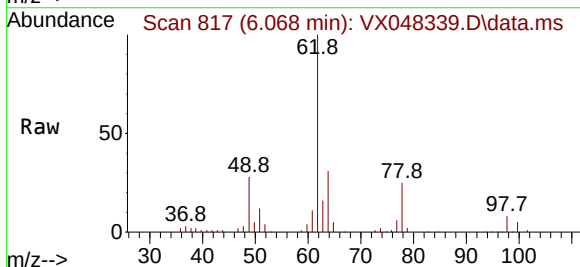
Ion	Ratio	Lower	Upper
41	100		
39	59.2	44.0	66.0
67	76.4	58.7	88.1
52	33.1	25.9	38.9

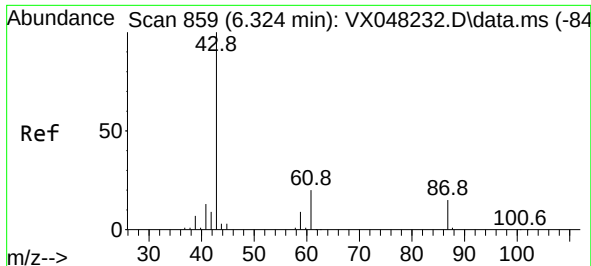


#42
1,2-Dichloroethane
Concen: 56.900 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 62 Resp: 124623

Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	17.2

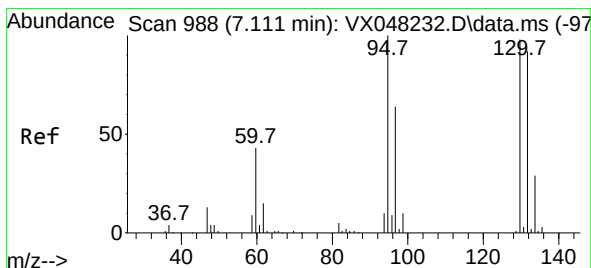
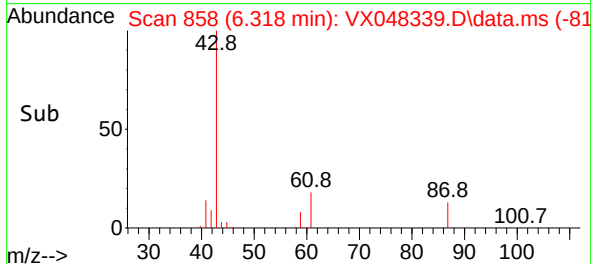
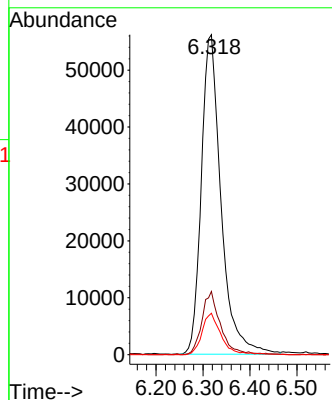
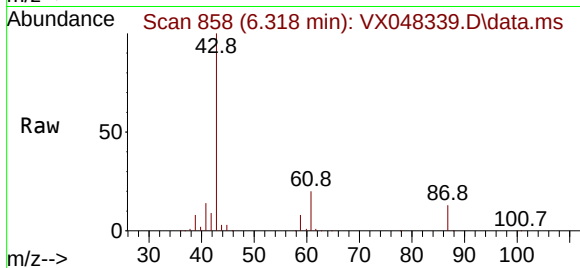




#43
Isopropyl Acetate
Concen: 58.836 ug/l
RT: 6.318 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

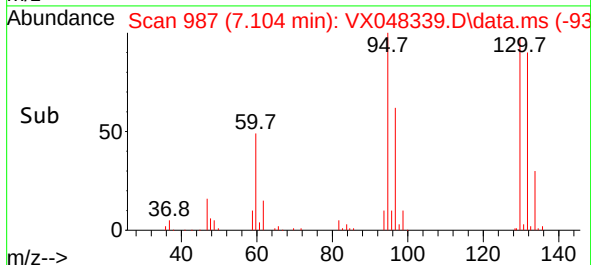
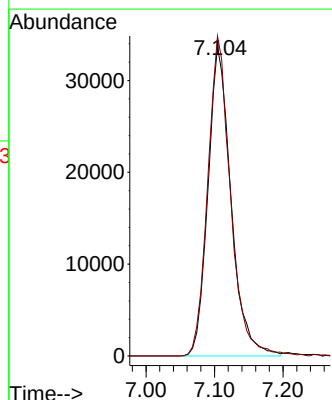
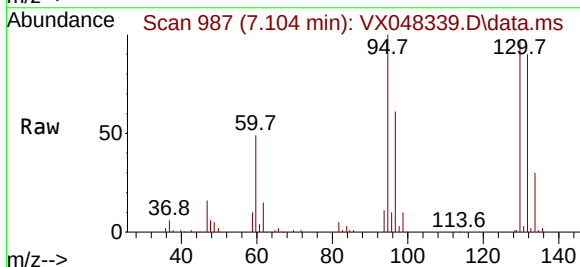
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

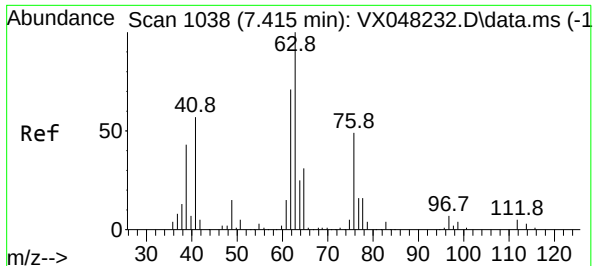
Tgt Ion: 43 Resp: 163763
Ion Ratio Lower Upper
43 100
61 18.8 14.9 22.3
87 12.5 9.4 14.2



#44
Trichloroethene
Concen: 50.249 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:130 Resp: 78753
Ion Ratio Lower Upper
130 100
95 103.4 0.0 200.6





#45

1,2-Dichloropropane

Concen: 56.442 ug/l

RT: 7.409 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

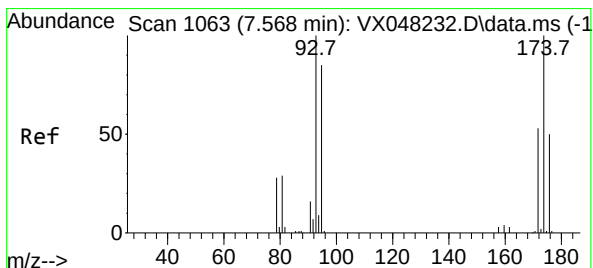
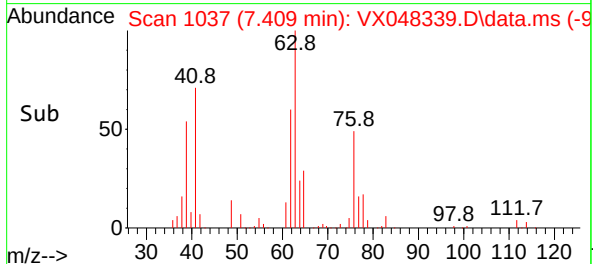
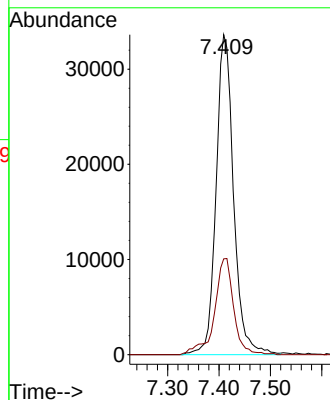
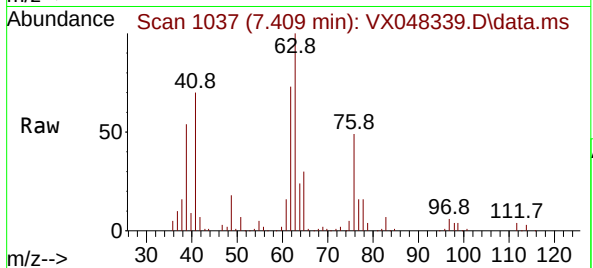
VSTDCCC050

Tgt Ion: 63 Resp: 79649

Ion Ratio Lower Upper

63 100

65 29.9 24.1 36.1



#46

Dibromomethane

Concen: 53.679 ug/l

RT: 7.562 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

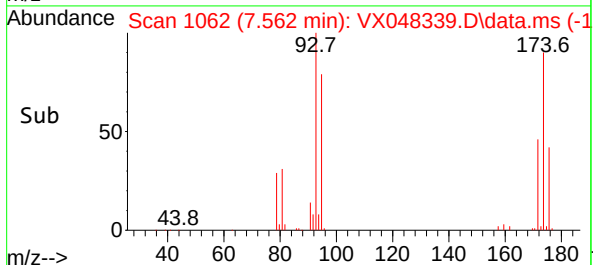
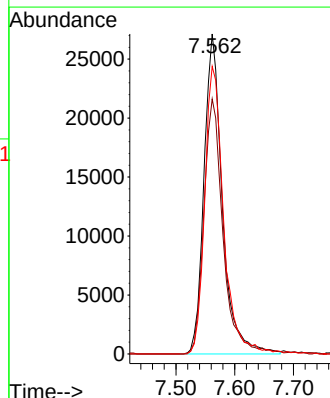
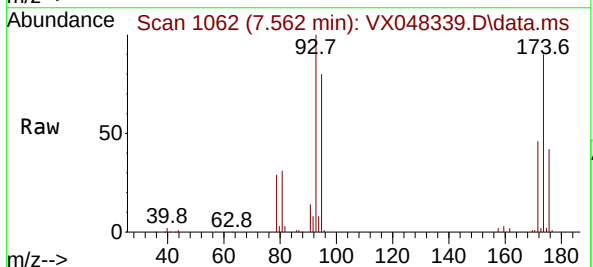
Tgt Ion: 93 Resp: 59016

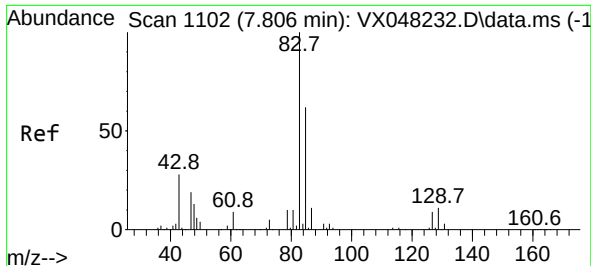
Ion Ratio Lower Upper

93 100

95 83.1 65.9 98.9

174 92.8 71.7 107.5

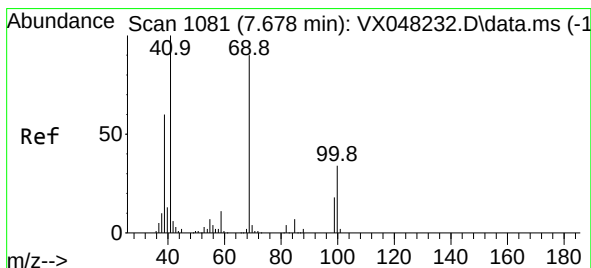
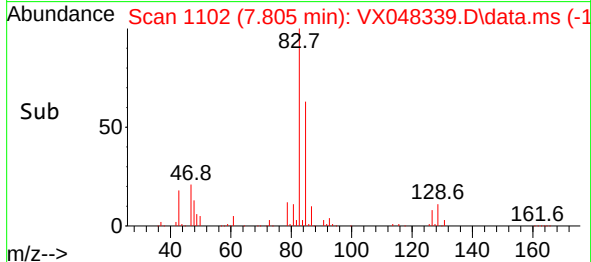
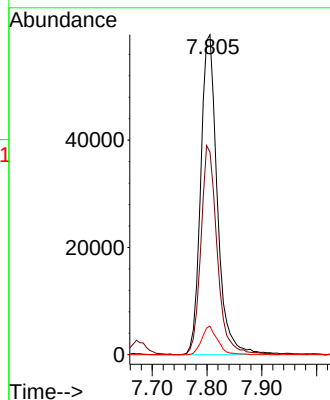
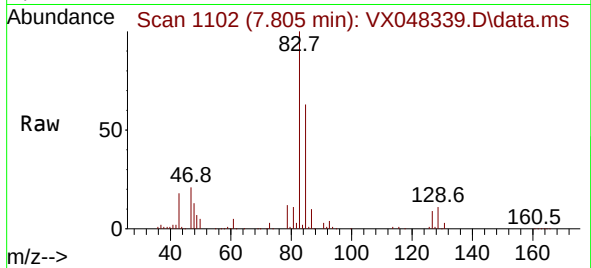




#47
Bromodichloromethane
Concen: 52.892 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

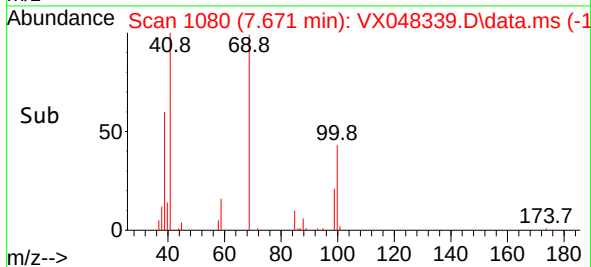
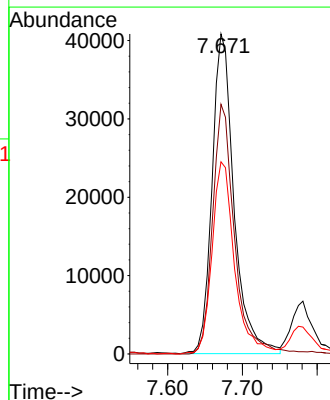
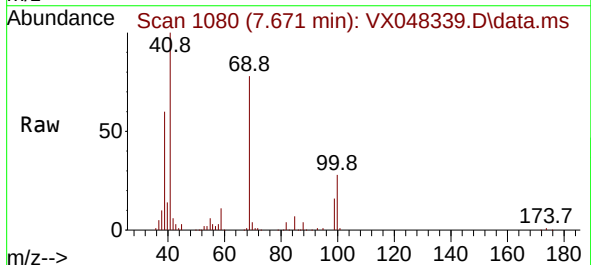
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

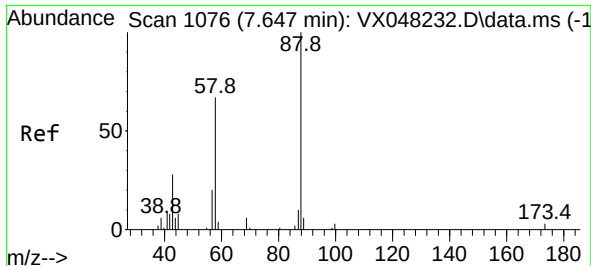
Tgt Ion: 83 Resp: 125556
Ion Ratio Lower Upper
83 100
85 63.4 52.2 78.4
127 8.9 7.3 10.9



#48
Methyl methacrylate
Concen: 59.262 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 41 Resp: 83235
Ion Ratio Lower Upper
41 100
69 78.5 63.4 95.0
39 61.5 47.1 70.7





#49

1,4-Dioxane

Concen: 986.597 ug/l

RT: 7.641 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

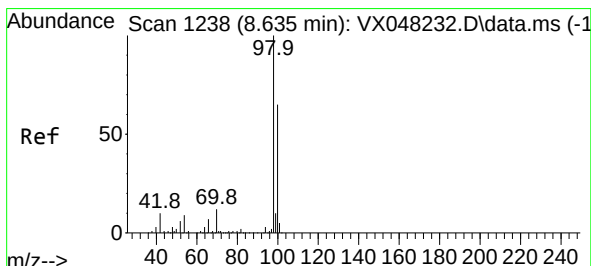
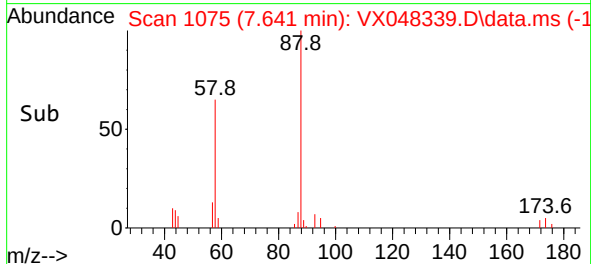
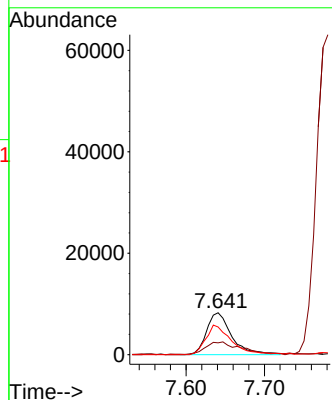
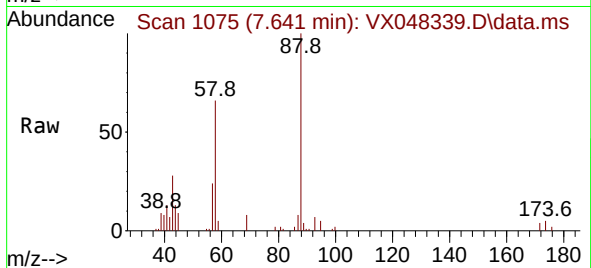
Tgt Ion: 88 Resp: 18307

Ion Ratio Lower Upper

88 100

43 44.0 35.0 52.4

58 72.1 61.9 92.9



#50

Toluene-d8

Concen: 47.331 ug/l

RT: 8.628 min Scan# 1237

Delta R.T. -0.006 min

Lab File: VX048339.D

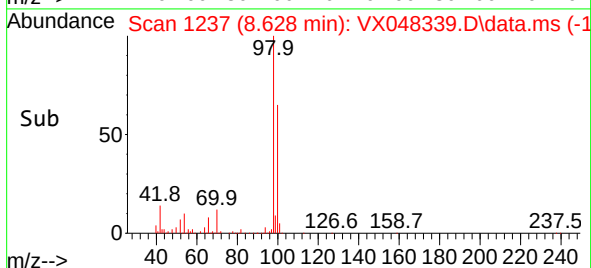
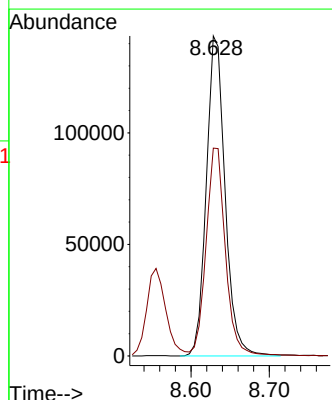
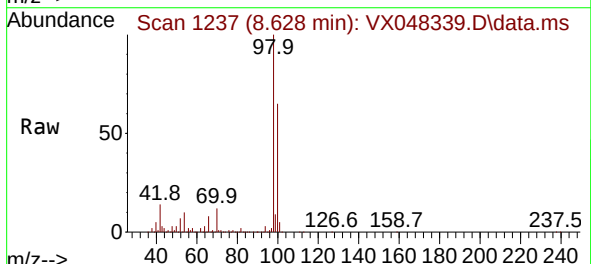
Acq: 24 Oct 2025 09:16

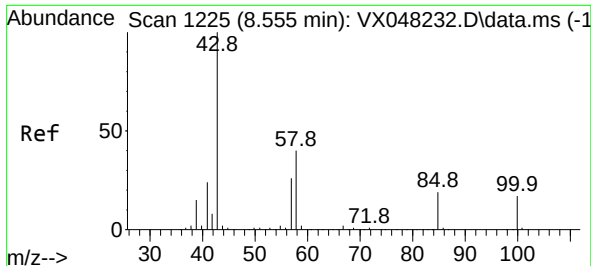
Tgt Ion: 98 Resp: 238621

Ion Ratio Lower Upper

98 100

100 66.7 53.0 79.4

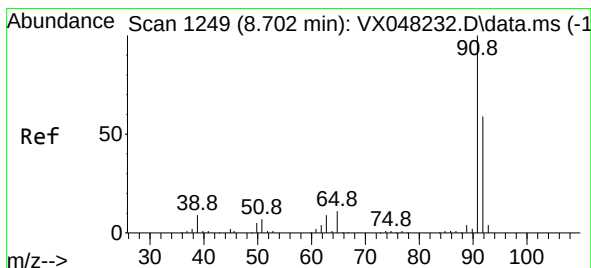
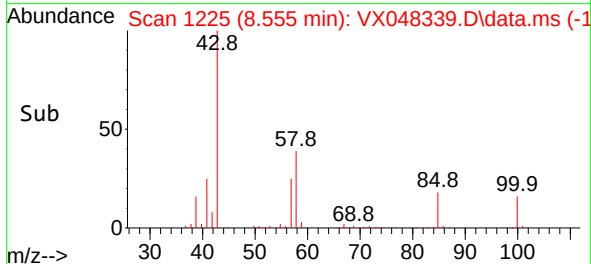
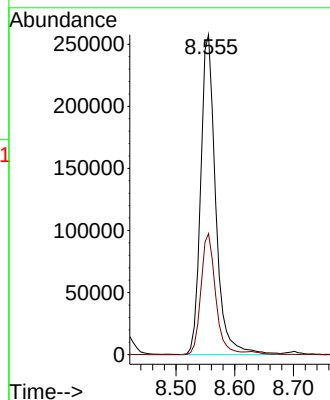
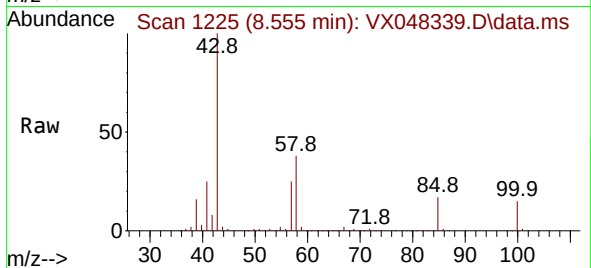




#51
4-Methyl-2-Pentanone
Concen: 284.549 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

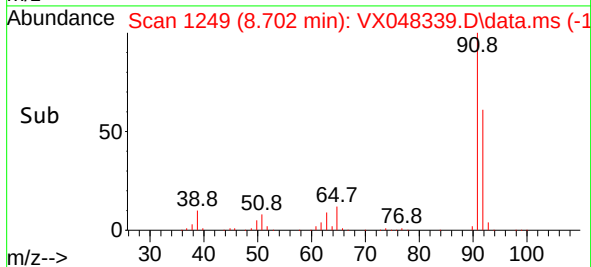
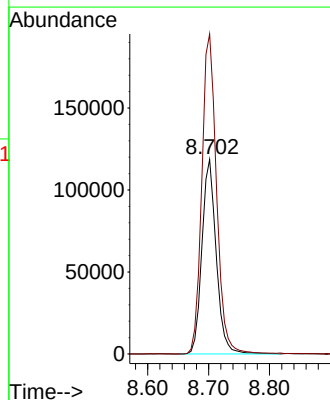
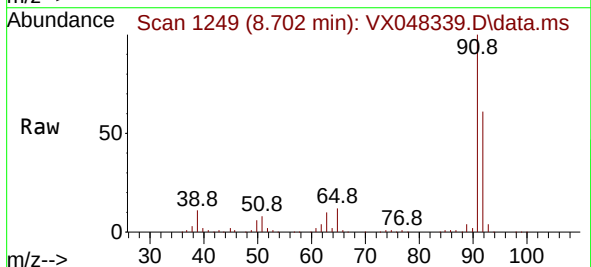
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

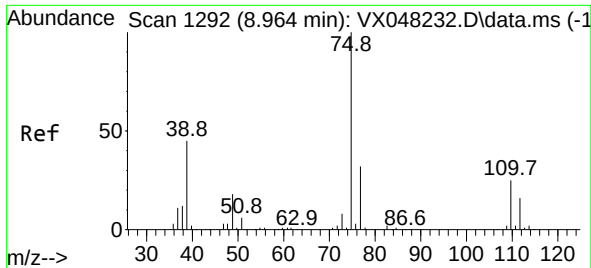
Tgt Ion: 43 Resp: 456649
Ion Ratio Lower Upper
43 100
58 37.2 29.5 44.3



#52
Toluene
Concen: 51.366 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 92 Resp: 193684
Ion Ratio Lower Upper
92 100
91 169.7 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 51.329 ug/l

RT: 8.958 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

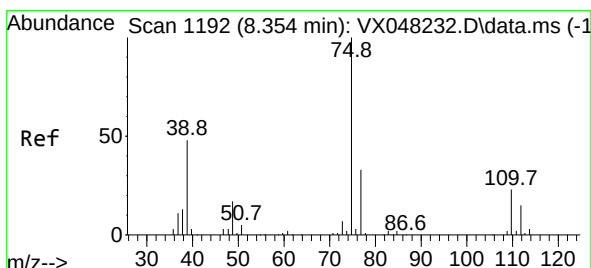
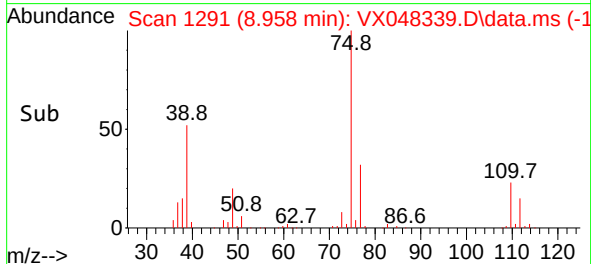
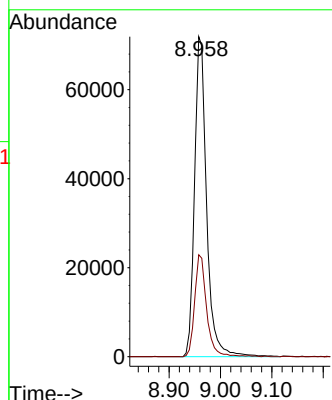
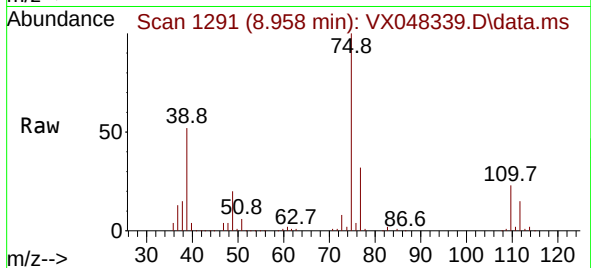
VSTDCCC050

Tgt Ion: 75 Resp: 117418

Ion Ratio Lower Upper

75 100

77 31.9 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 48.835 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. -0.000 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

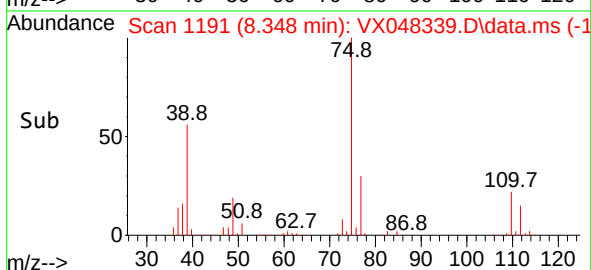
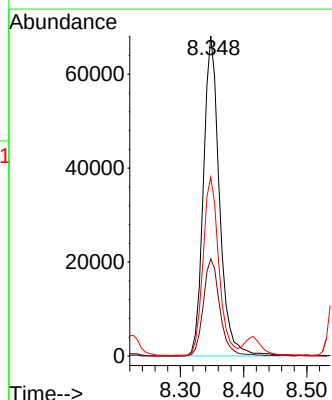
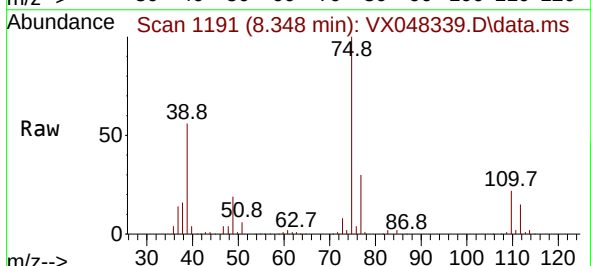
Tgt Ion: 75 Resp: 120526

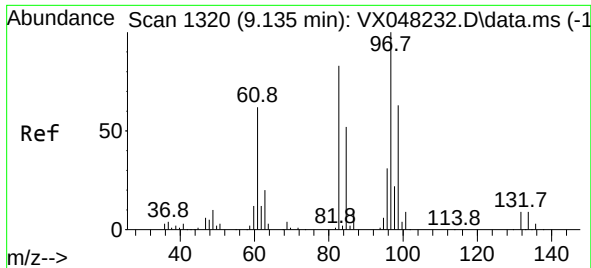
Ion Ratio Lower Upper

75 100

77 30.3 24.9 37.3

39 54.8 42.6 64.0

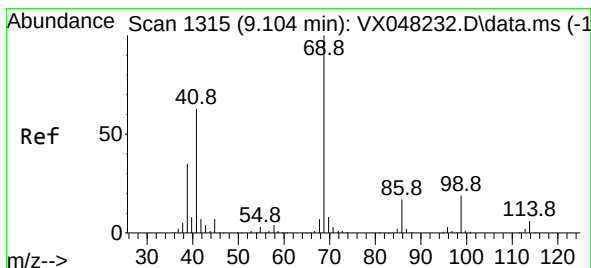
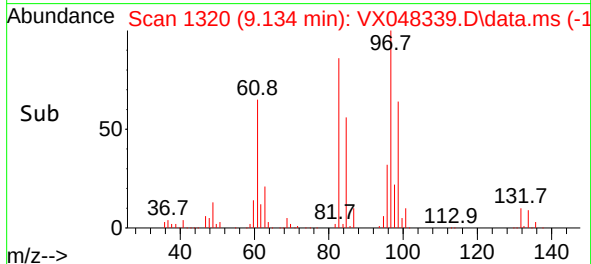
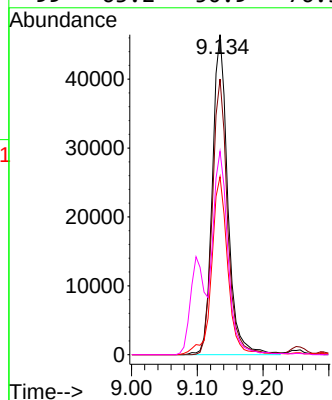
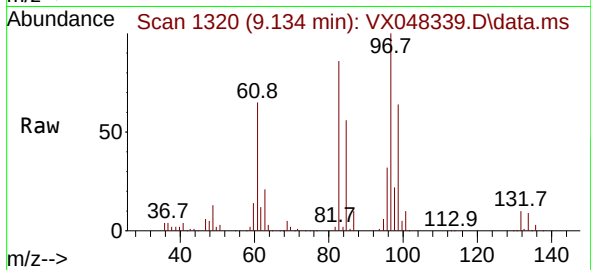




#55
 1,1,2-Trichloroethane
 Concen: 54.053 ug/l
 RT: 9.134 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048339.D
 Acq: 24 Oct 2025 09:16

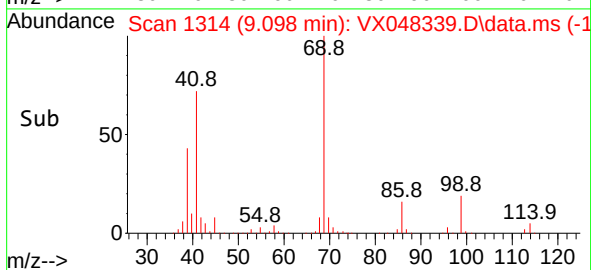
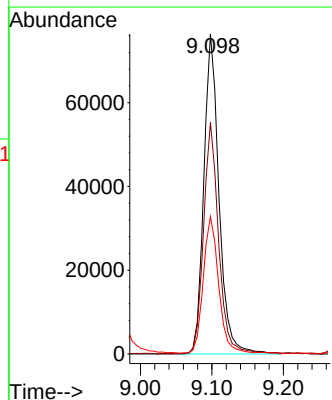
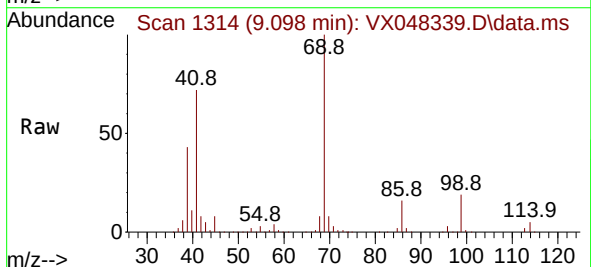
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

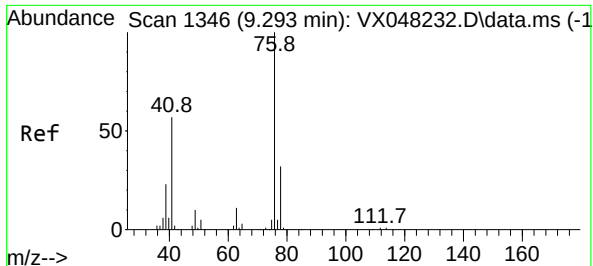
Tgt Ion:	97	Resp:	75795
Ion	Ratio	Lower	Upper
97	100		
83	86.1	70.6	105.8
85	55.5	45.0	67.6
99	63.2	50.9	76.3



#56
 Ethyl methacrylate
 Concen: 55.026 ug/l
 RT: 9.098 min Scan# 1314
 Delta R.T. -0.000 min
 Lab File: VX048339.D
 Acq: 24 Oct 2025 09:16

Tgt Ion:	69	Resp:	112858
Ion	Ratio	Lower	Upper
69	100		
41	72.4	56.0	84.0
39	44.0	31.6	47.4





#57

1,3-Dichloropropane

Concen: 54.042 ug/l

RT: 9.293 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

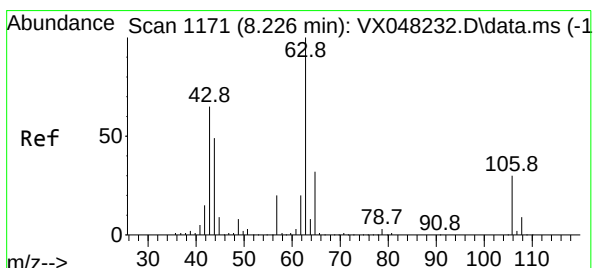
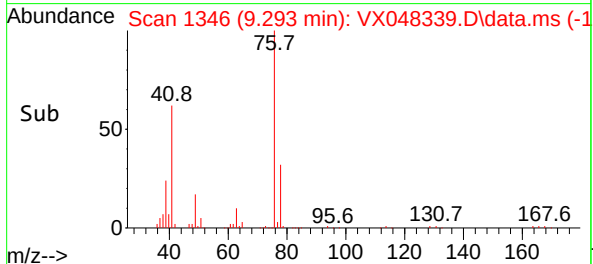
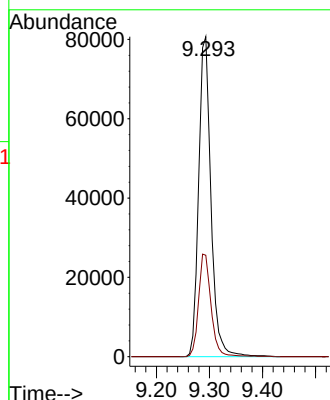
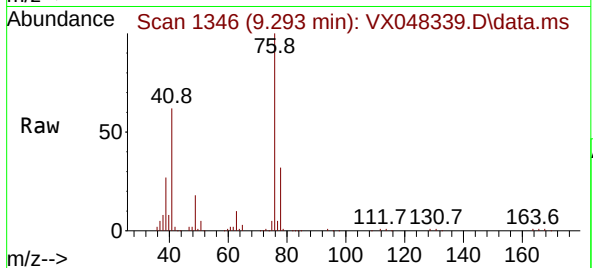
VSTDCCC050

Tgt Ion: 76 Resp: 129442

Ion Ratio Lower Upper

76 100

78 32.6 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 299.294 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX048339.D

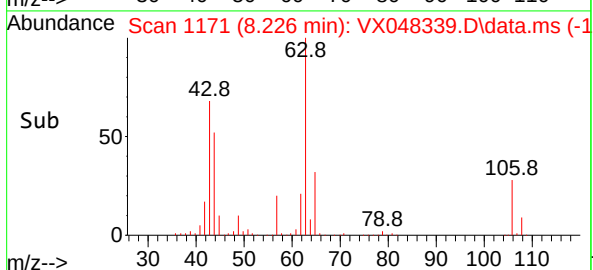
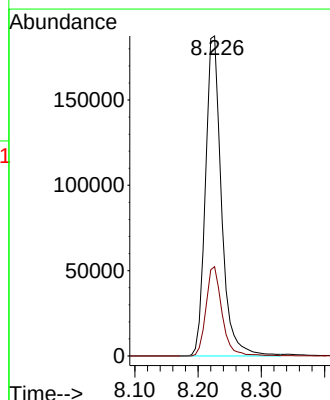
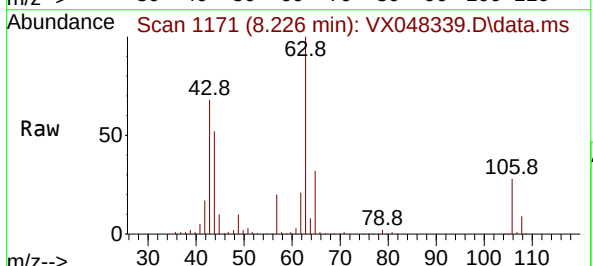
Acq: 24 Oct 2025 09:16

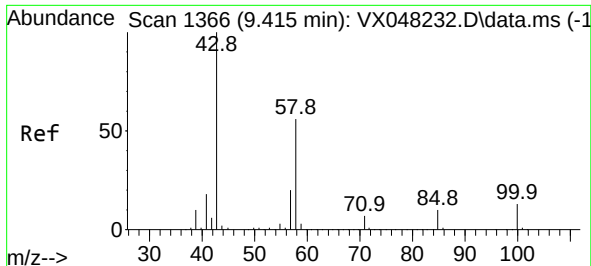
Tgt Ion: 63 Resp: 330441

Ion Ratio Lower Upper

63 100

106 28.1 22.2 33.2

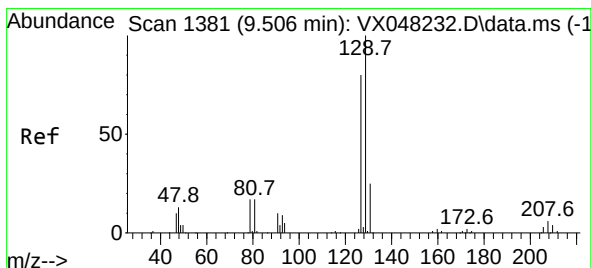
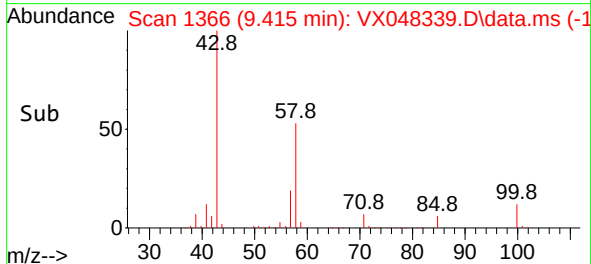
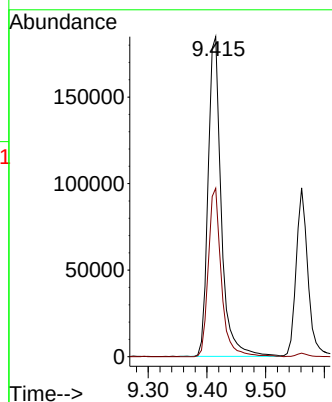
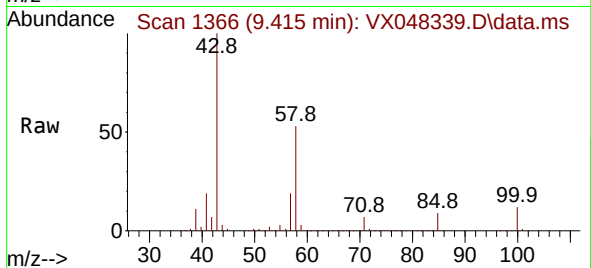




#59
2-Hexanone
Concen: 256.864 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

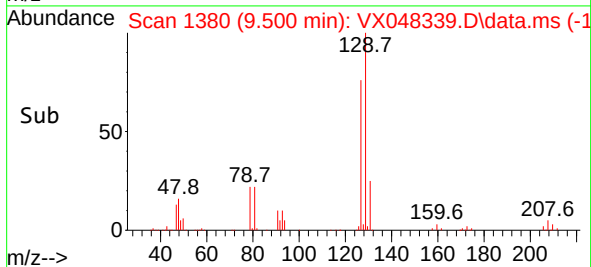
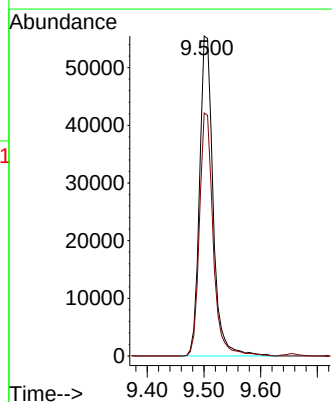
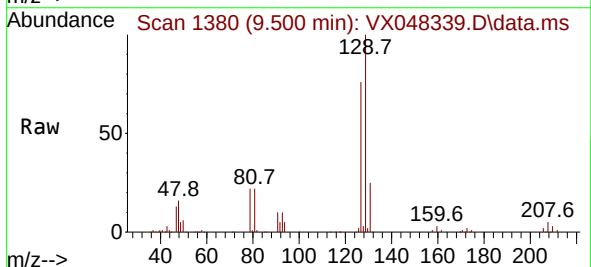
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

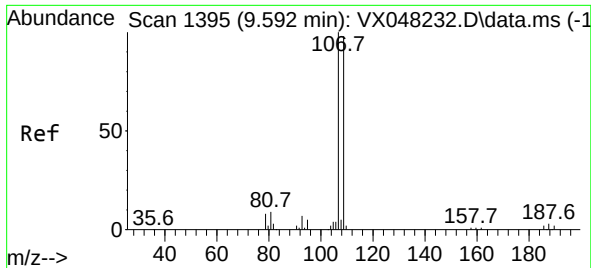
Tgt Ion: 43 Resp: 287437
Ion Ratio Lower Upper
43 100
58 52.4 26.3 78.8



#60
Dibromochloromethane
Concen: 48.803 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 129 Resp: 91979
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.7

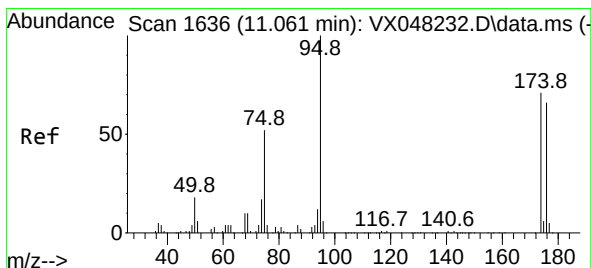
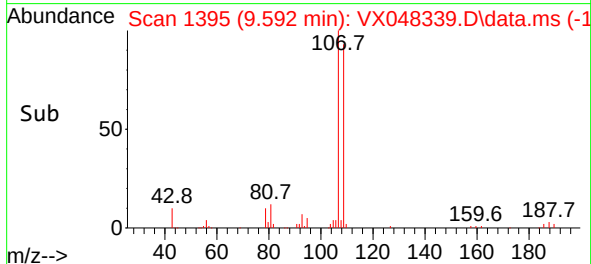
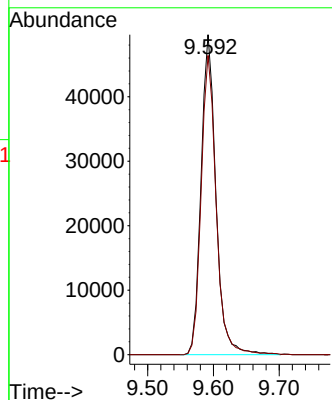
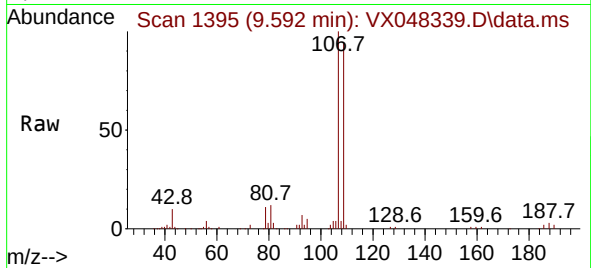




#61
1,2-Dibromoethane
Concen: 52.241 ug/l
RT: 9.592 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

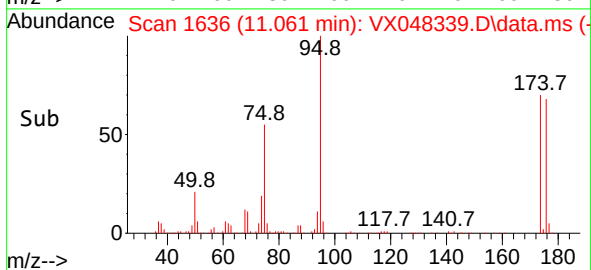
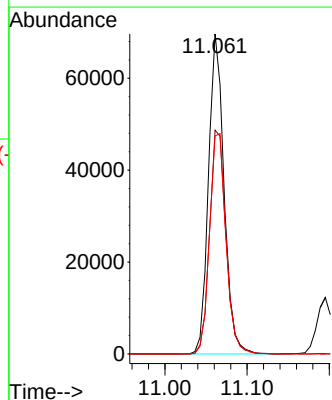
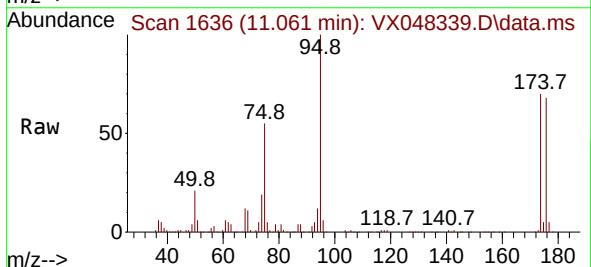
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

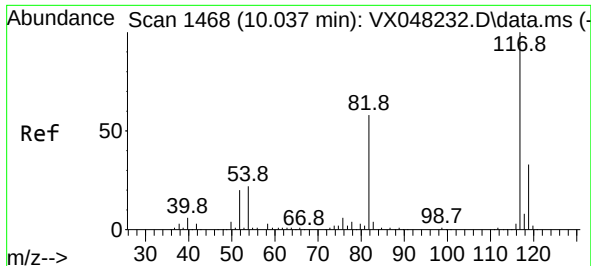
Tgt Ion:107 Resp: 78094
Ion Ratio Lower Upper
107 100
109 94.5 77.0 115.4



#62
4-Bromofluorobenzene
Concen: 47.668 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 95 Resp: 91425
Ion Ratio Lower Upper
95 100
174 73.5 0.0 147.8
176 72.8 0.0 142.8

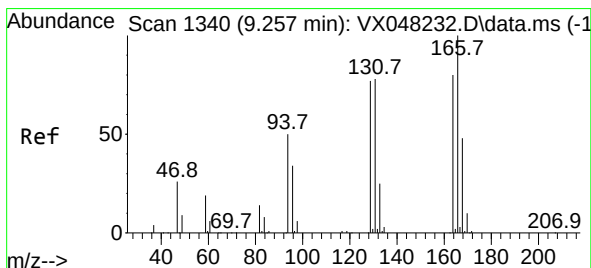
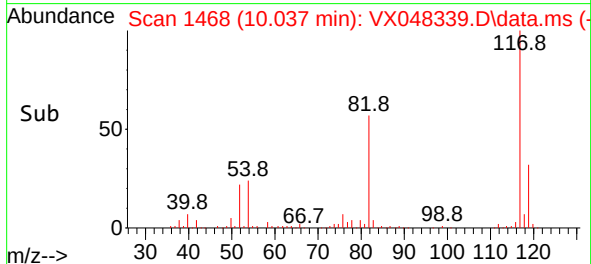
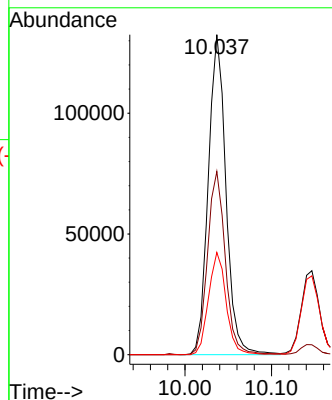
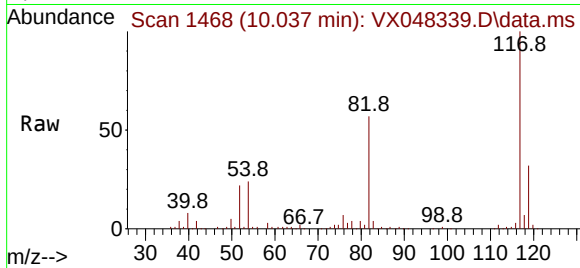




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

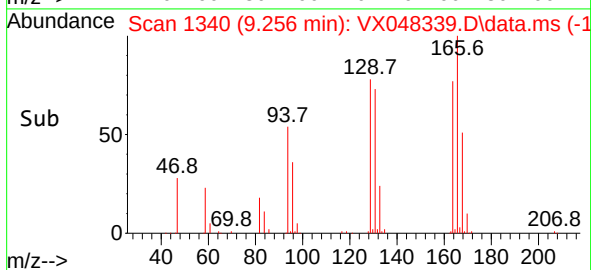
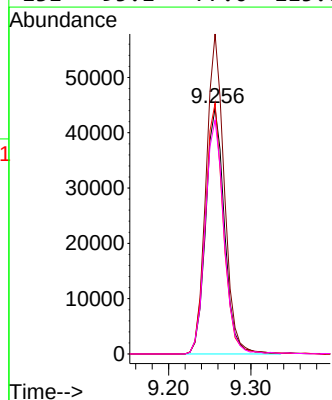
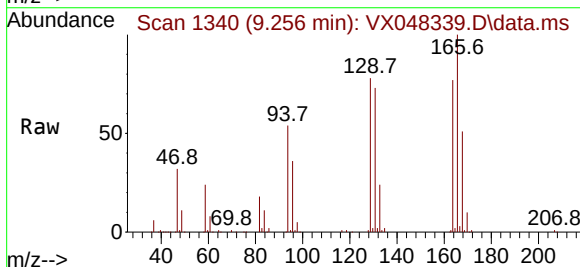
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

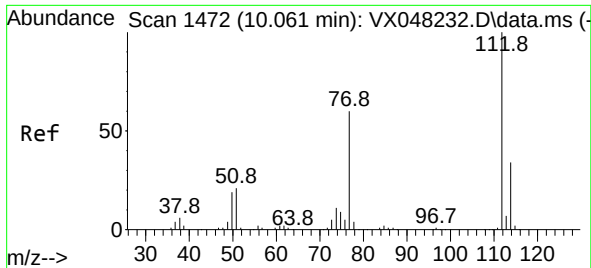
Tgt Ion:117 Resp: 187763
Ion Ratio Lower Upper
117 100
82 57.2 46.5 69.7
119 31.9 25.9 38.9



#64
Tetrachloroethene
Concen: 49.893 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:164 Resp: 69934
Ion Ratio Lower Upper
164 100
166 130.2 104.5 156.7
129 102.0 81.8 122.6
131 95.1 77.0 115.6

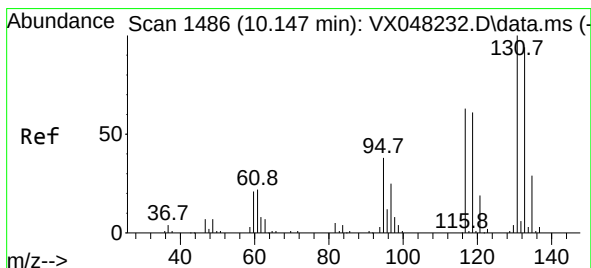
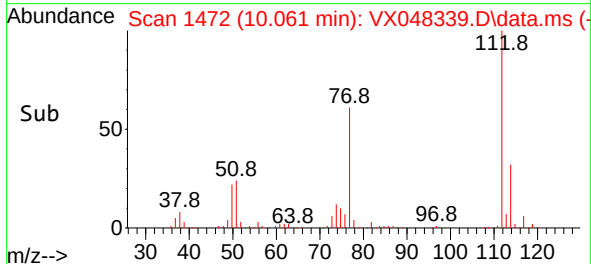
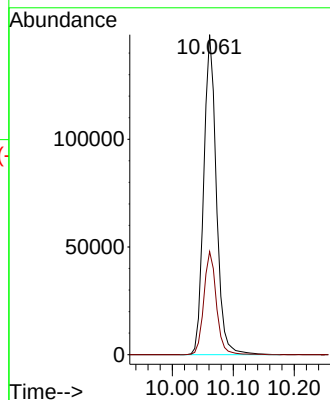
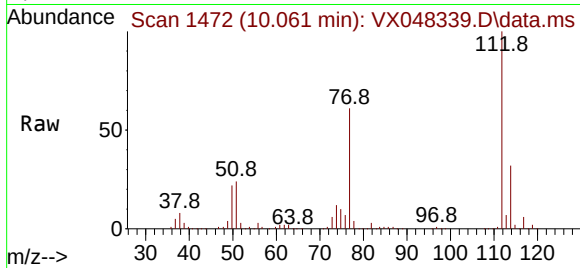




#65
Chlorobenzene
Concen: 50.756 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

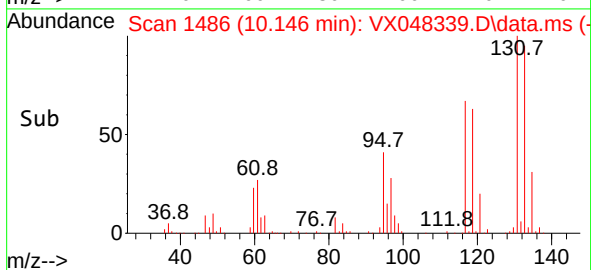
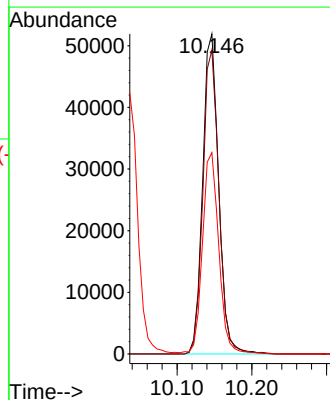
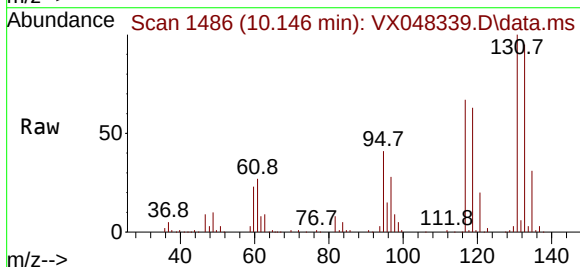
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

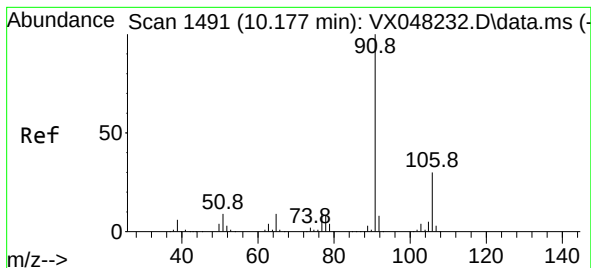
Tgt Ion:112 Resp: 214381
Ion Ratio Lower Upper
112 100
114 32.2 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 49.657 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:131 Resp: 77036
Ion Ratio Lower Upper
131 100
133 95.1 47.6 142.8
119 64.4 32.5 97.5





#67

Ethyl Benzene

Concen: 51.279 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

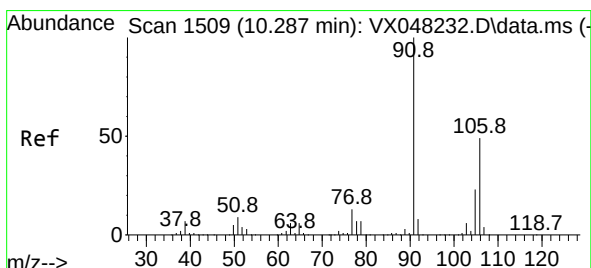
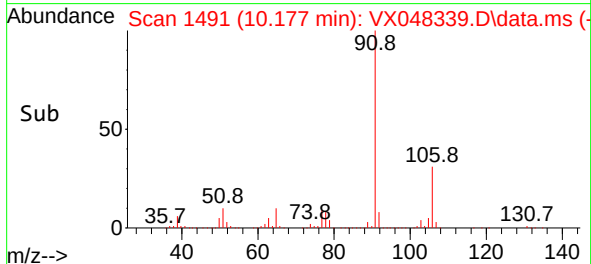
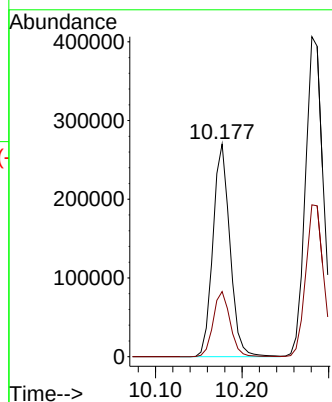
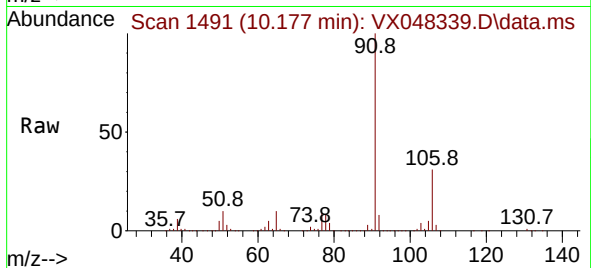
VSTDCCC050

Tgt Ion: 91 Resp: 368764

Ion Ratio Lower Upper

91 100

106 30.6 23.8 35.6



#68

m/p-Xylenes

Concen: 104.665 ug/l

RT: 10.281 min Scan# 1508

Delta R.T. -0.006 min

Lab File: VX048339.D

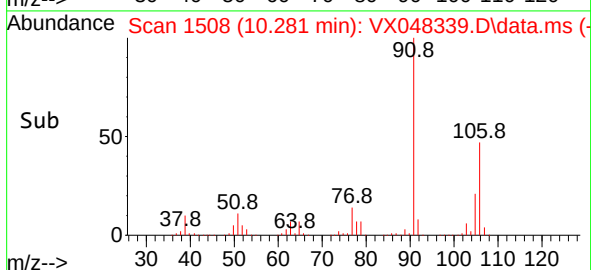
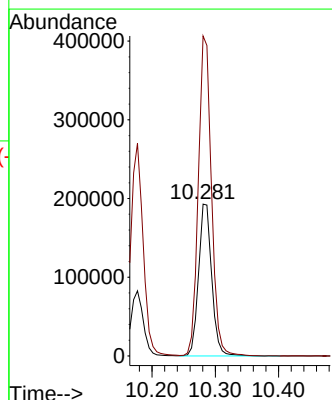
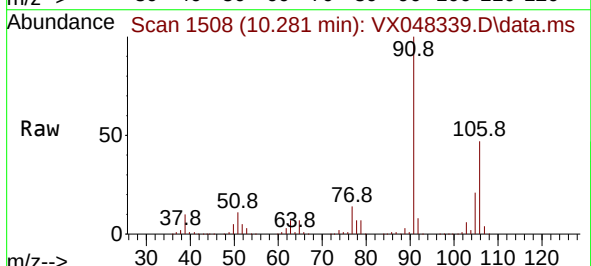
Acq: 24 Oct 2025 09:16

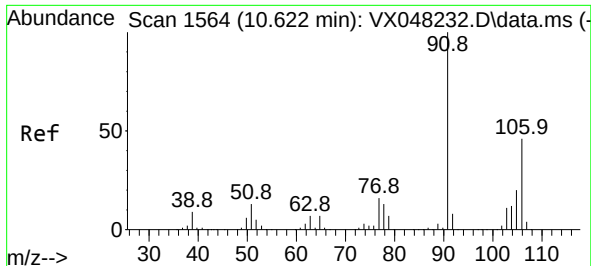
Tgt Ion:106 Resp: 279654

Ion Ratio Lower Upper

106 100

91 210.1 167.9 251.9

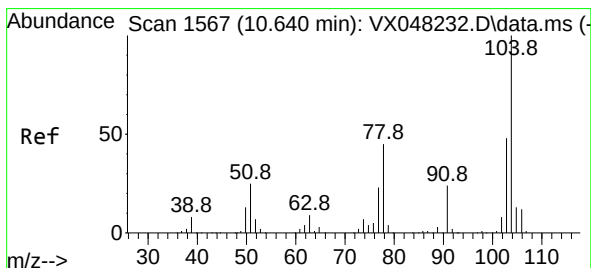
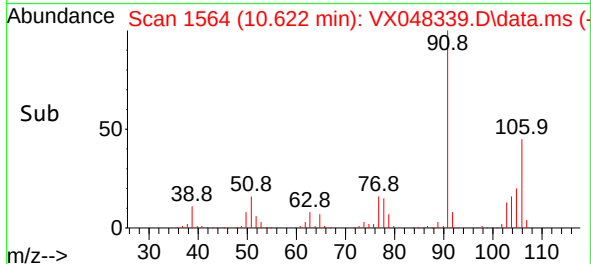
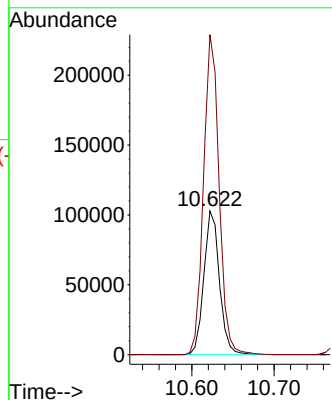
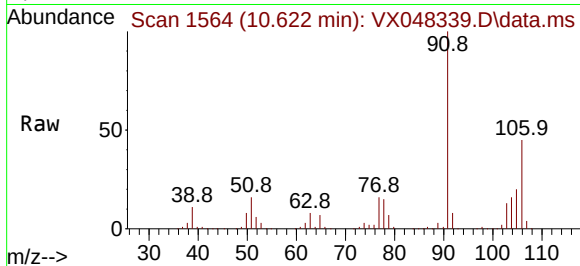




#69
o-Xylene
Concen: 52.509 ug/l
RT: 10.622 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

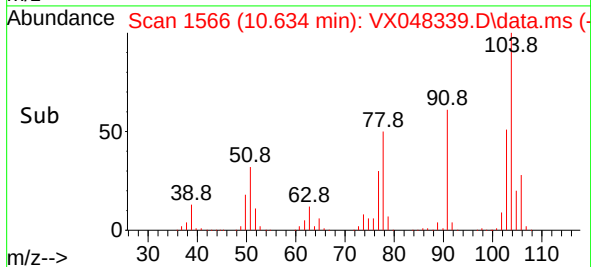
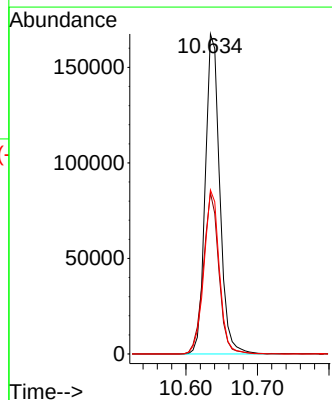
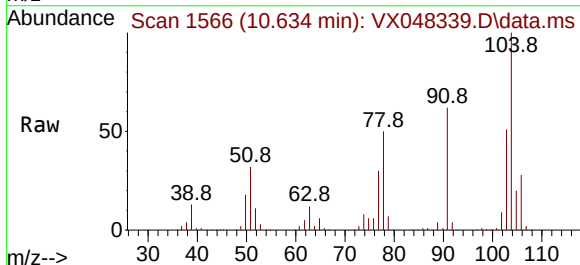
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

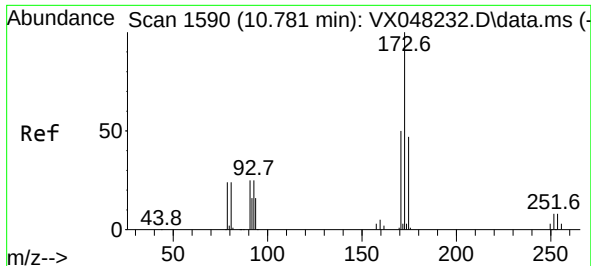
Tgt Ion:106 Resp: 135450
Ion Ratio Lower Upper
106 100
91 222.2 111.3 333.9



#70
Styrene
Concen: 53.739 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:104 Resp: 236042
Ion Ratio Lower Upper
104 100
78 53.8 42.2 63.4
103 54.5 43.0 64.4

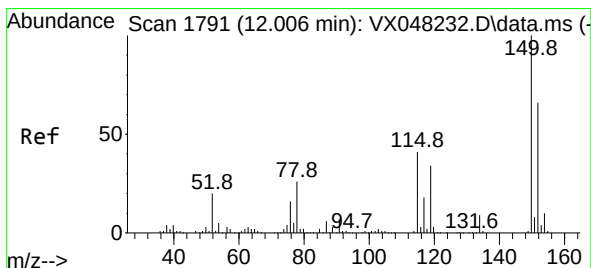
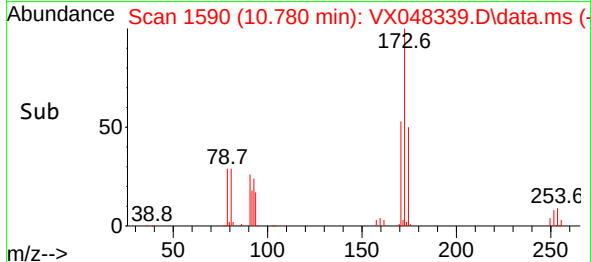
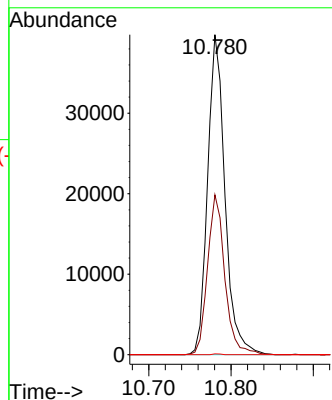
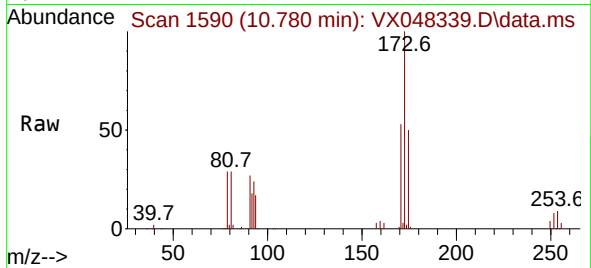




#71
Bromoform
Concen: 46.878 ug/l
RT: 10.780 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

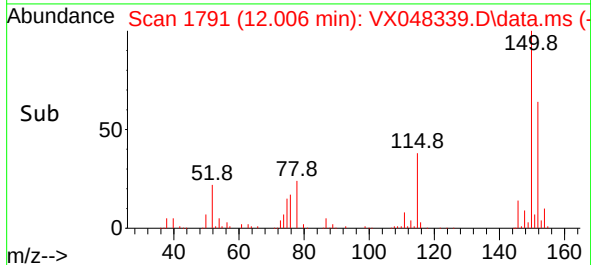
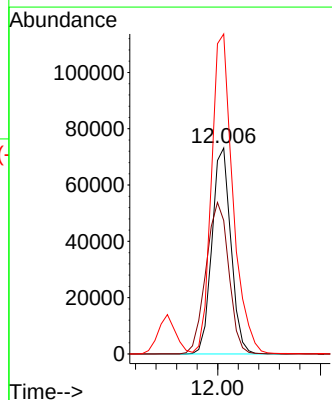
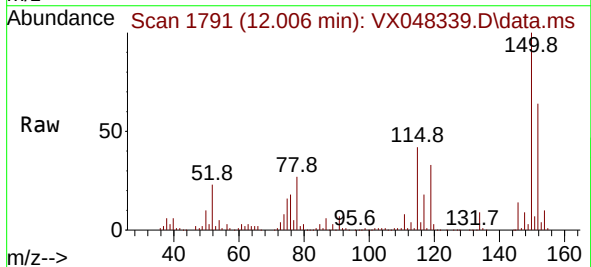
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

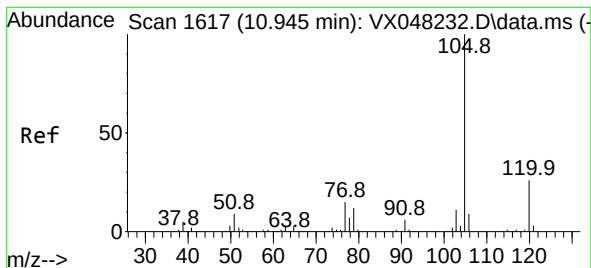
Tgt Ion:173 Resp: 58125
Ion Ratio Lower Upper
173 100
175 49.8 24.0 72.0
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:152 Resp: 93479
Ion Ratio Lower Upper
152 100
115 88.9 43.1 129.4
150 175.7 0.0 353.0





#73

Isopropylbenzene

Concen: 51.150 ug/l

RT: 10.945 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

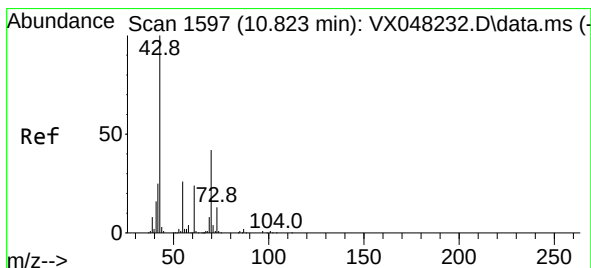
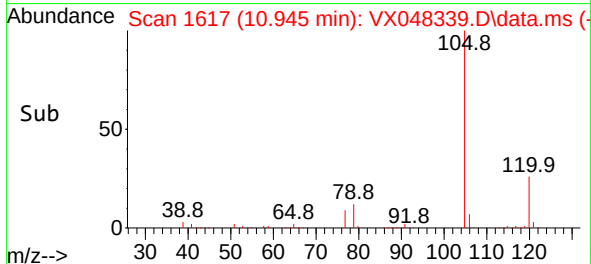
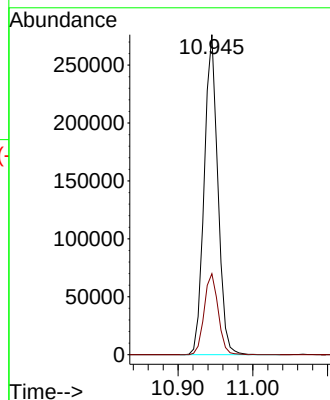
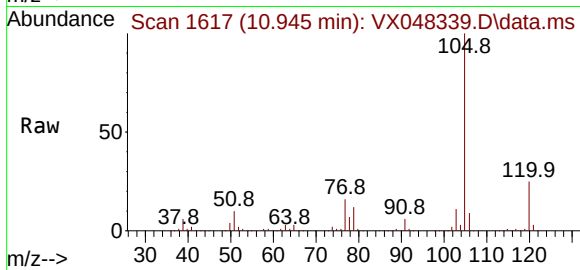
VSTDCCC050

Tgt Ion:105 Resp: 349236

Ion Ratio Lower Upper

105 100

120 25.9 13.0 38.9



#74

N-ethyl acetate

Concen: 60.589 ug/l

RT: 10.823 min Scan# 1597

Delta R.T. -0.000 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Tgt Ion: 43 Resp: 146738

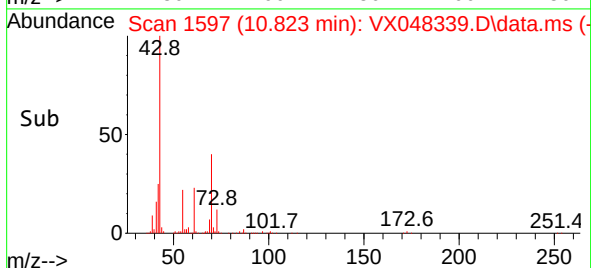
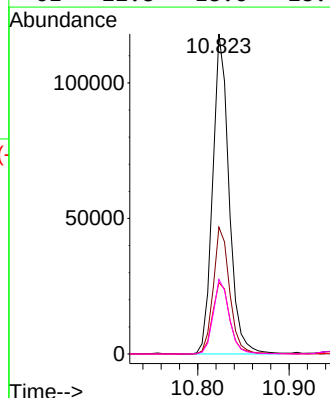
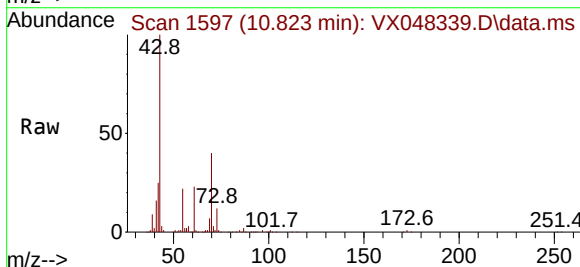
Ion Ratio Lower Upper

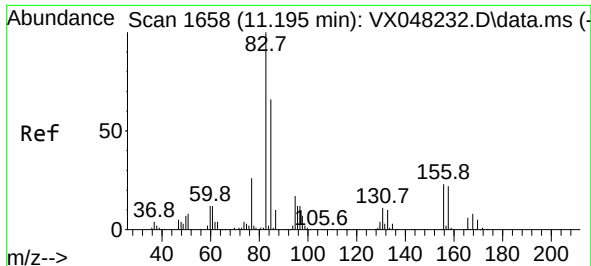
43 100

70 39.6 32.2 48.2

55 23.5 19.1 28.7

61 22.8 18.6 28.0

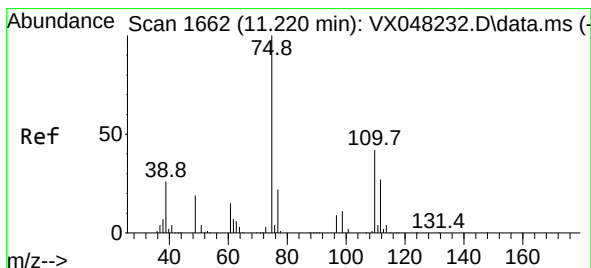
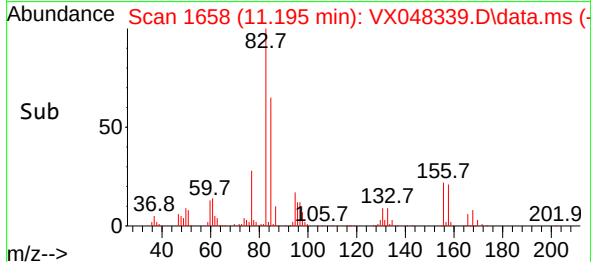
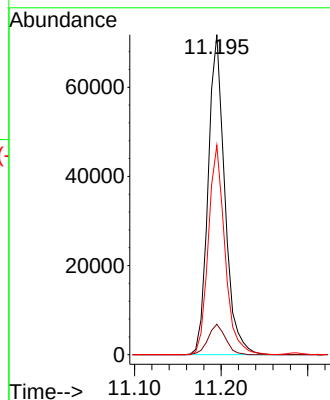
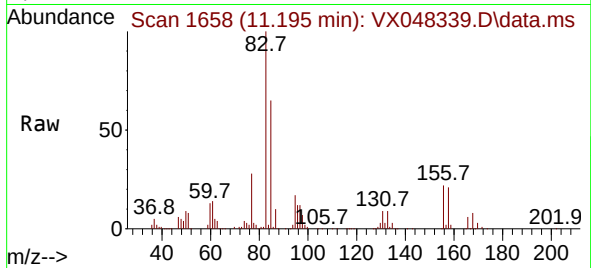




#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.376 ug/l
 RT: 11.195 min Scan# 1658
 Delta R.T. -0.000 min
 Lab File: VX048339.D
 Acq: 24 Oct 2025 09:16

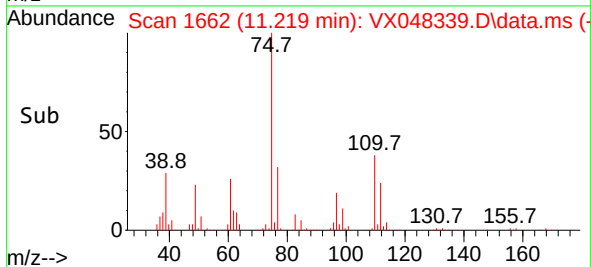
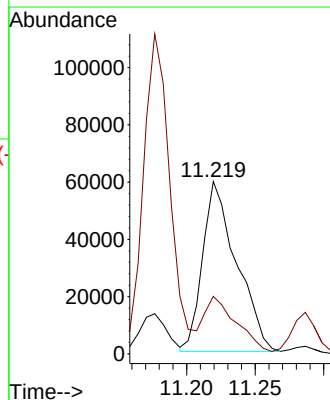
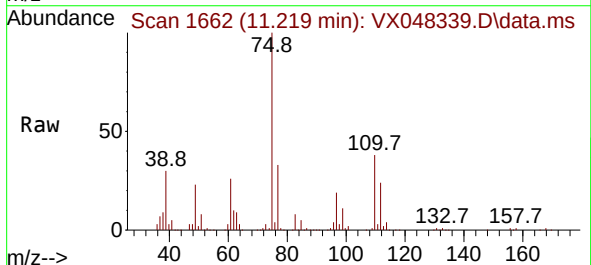
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

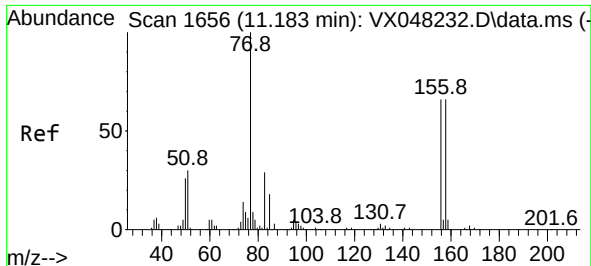
Tgt Ion: 83 Resp: 95793
 Ion Ratio Lower Upper
 83 100
 131 10.0 4.8 14.4
 85 65.2 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 67.520 ug/l
 RT: 11.219 min Scan# 1662
 Delta R.T. -0.000 min
 Lab File: VX048339.D
 Acq: 24 Oct 2025 09:16

Tgt Ion: 75 Resp: 102354
 Ion Ratio Lower Upper
 75 100
 77 32.1 22.4 67.2

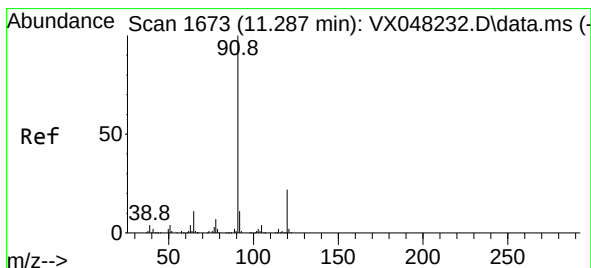
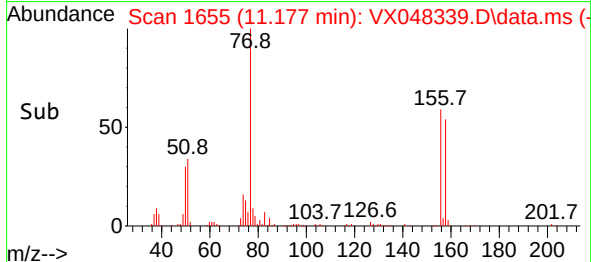
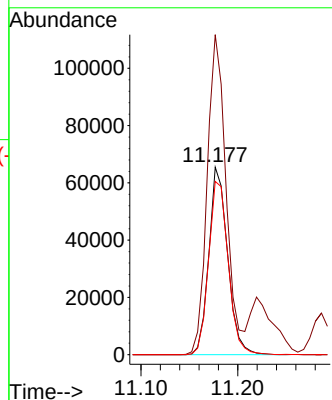
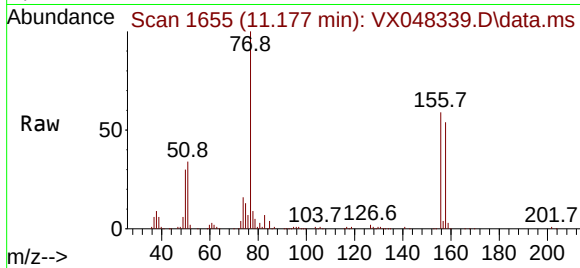




#77
Bromobenzene
Concen: 51.716 ug/l
RT: 11.177 min Scan# 1655
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

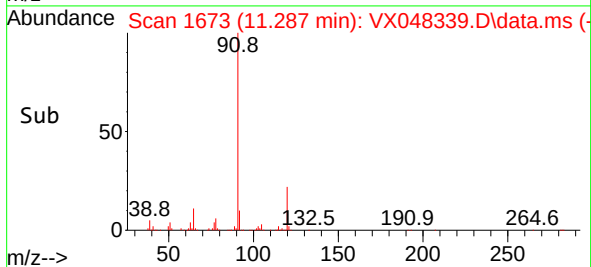
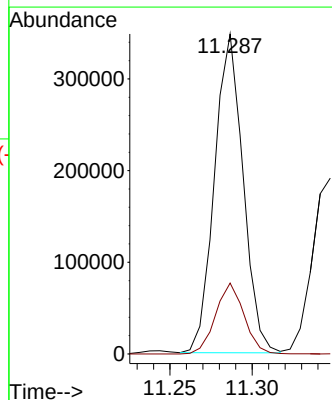
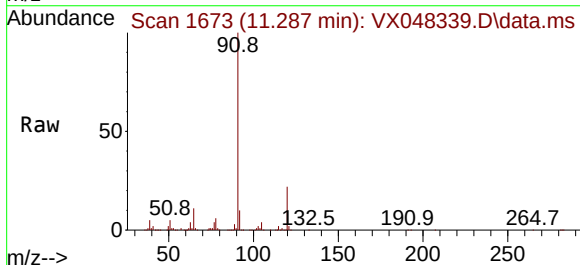
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

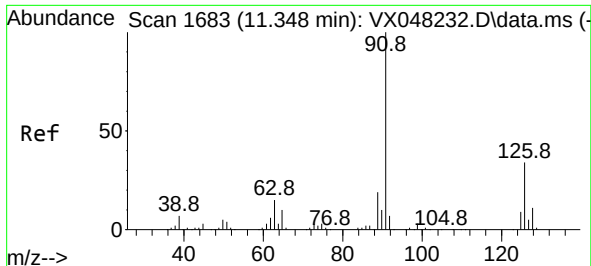
Tgt Ion:156 Resp: 88538
Ion Ratio Lower Upper
156 100
77 172.1 87.0 261.0
158 96.5 47.8 143.4



#78
n-propylbenzene
Concen: 53.181 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 91 Resp: 420413
Ion Ratio Lower Upper
91 100
120 22.2 11.1 33.1

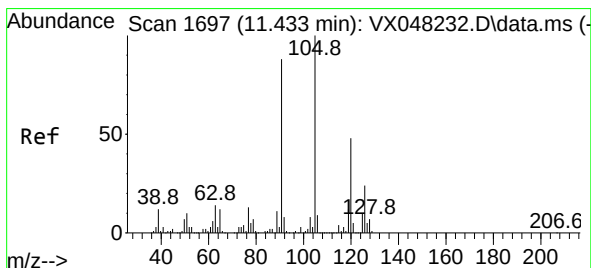
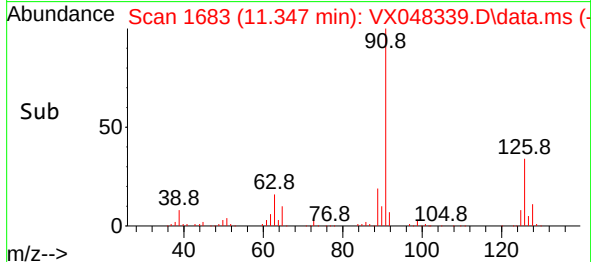
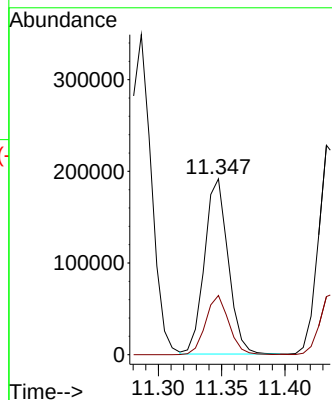
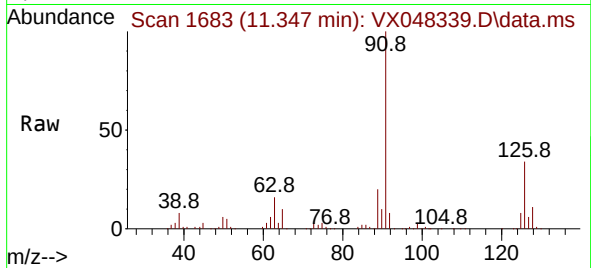




#79
2-Chlorotoluene
Concen: 52.073 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

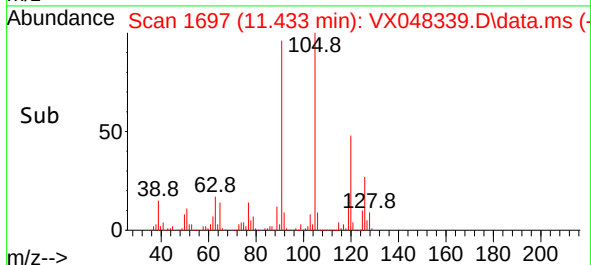
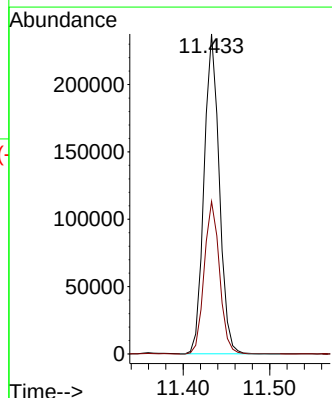
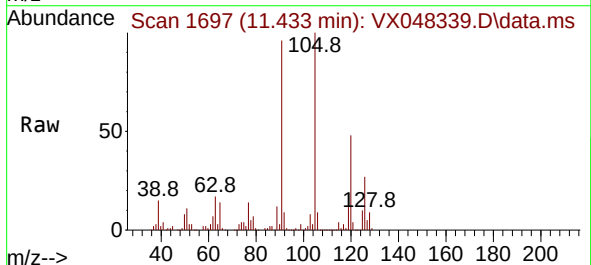
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

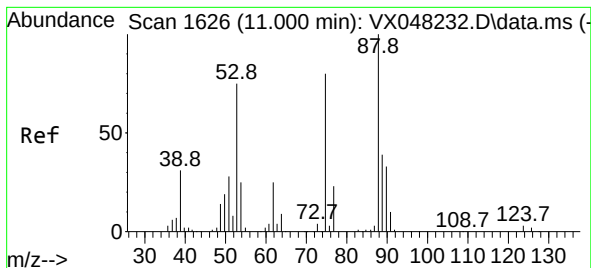
Tgt Ion: 91 Resp: 249581
Ion Ratio Lower Upper
91 100
126 33.2 16.4 49.4



#80
1,3,5-Trimethylbenzene
Concen: 51.224 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:105 Resp: 289432
Ion Ratio Lower Upper
105 100
120 48.0 24.0 72.0

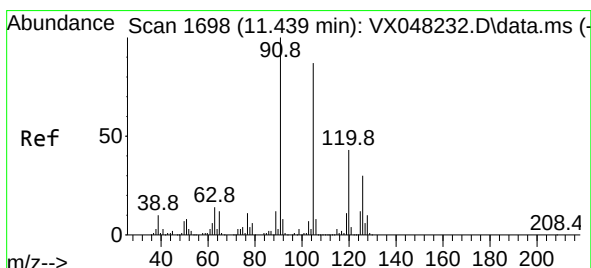
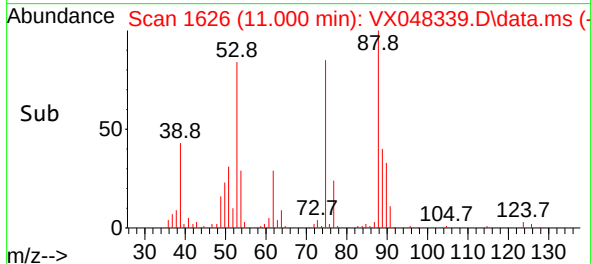
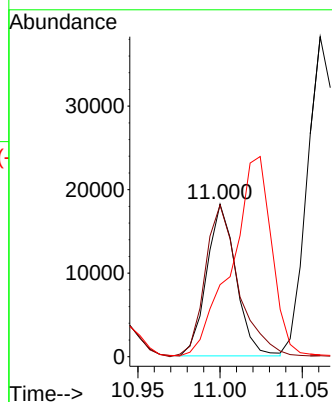
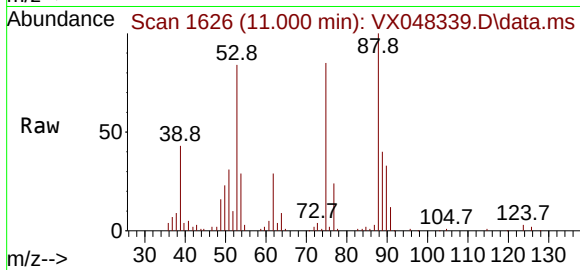




#81
trans-1,4-Dichloro-2-butene
Concen: 35.976 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

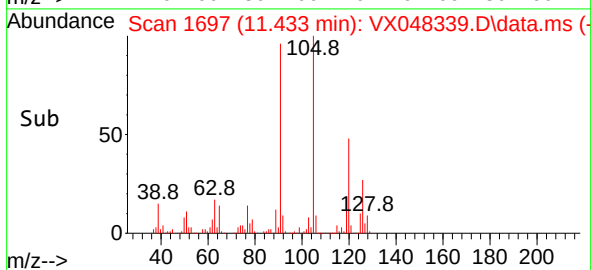
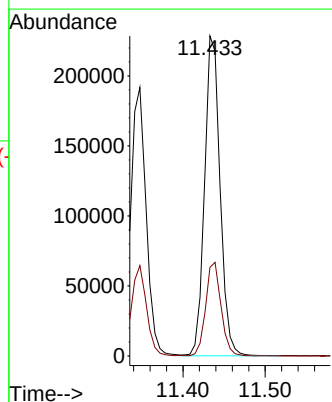
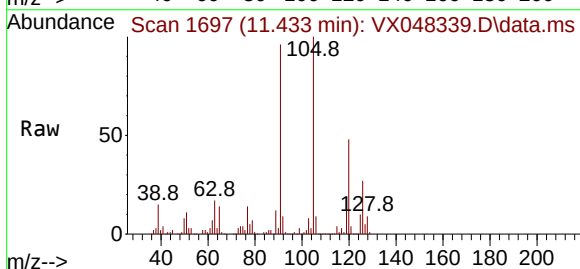
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

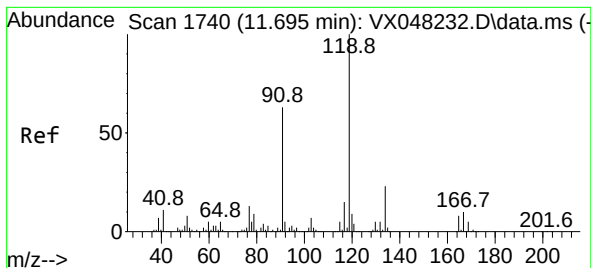
Tgt Ion: 75 Resp: 22416
Ion Ratio Lower Upper
75 100
53 116.5 79.5 119.3
89 0.0 36.8 55.2#



#82
4-Chlorotoluene
Concen: 52.497 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 91 Resp: 298685
Ion Ratio Lower Upper
91 100
126 29.1 14.1 42.4





#83

tert-Butylbenzene

Concen: 50.006 ug/l

RT: 11.695 min Scan# 1740

Delta R.T. -0.000 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

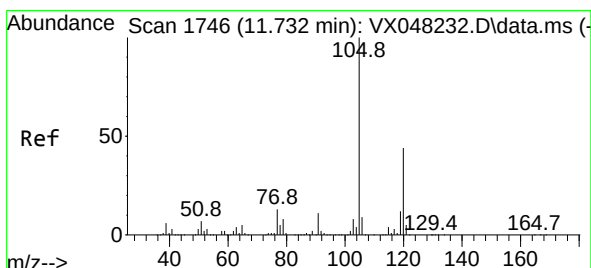
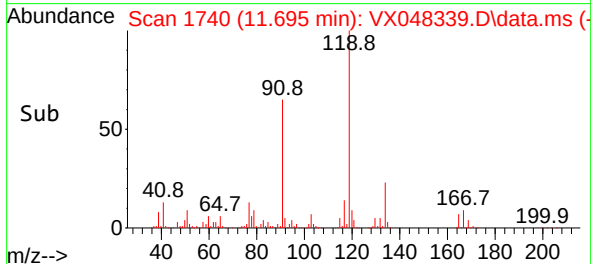
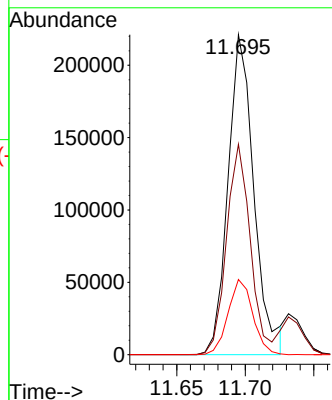
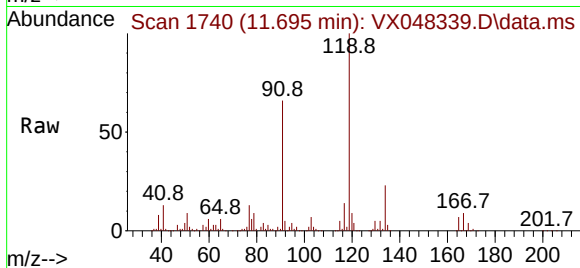
Tgt Ion:119 Resp: 290306

Ion Ratio Lower Upper

119 100

91 60.6 30.3 91.0

134 22.5 11.4 34.2



#84

1,2,4-Trimethylbenzene

Concen: 51.728 ug/l

RT: 11.732 min Scan# 1746

Delta R.T. -0.000 min

Lab File: VX048339.D

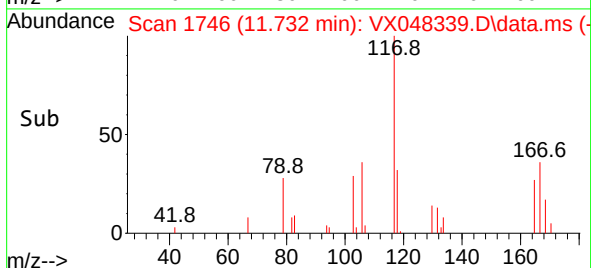
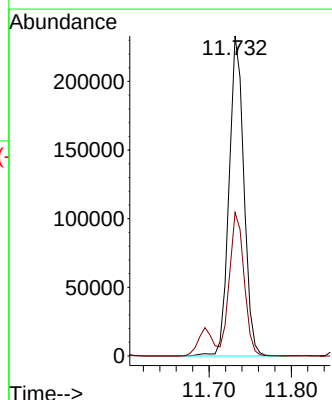
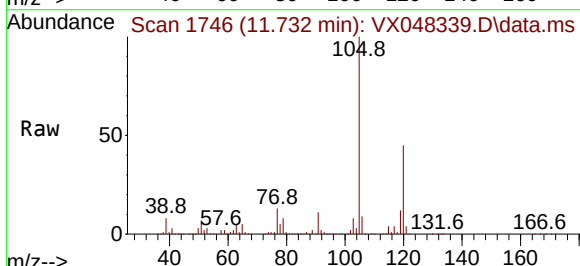
Acq: 24 Oct 2025 09:16

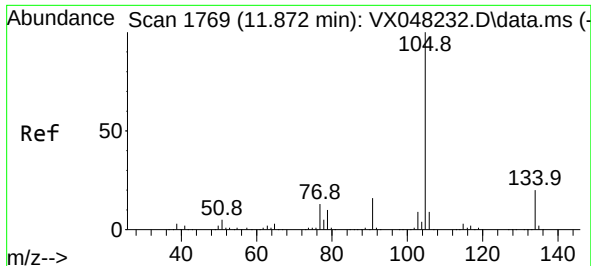
Tgt Ion:105 Resp: 291688

Ion Ratio Lower Upper

105 100

120 44.2 22.1 66.5

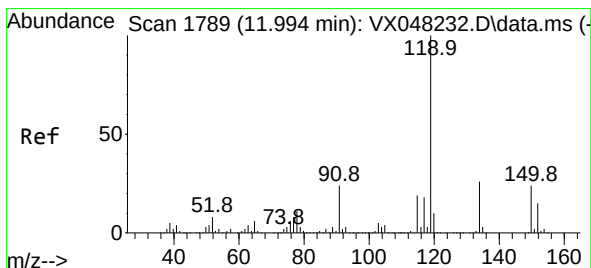
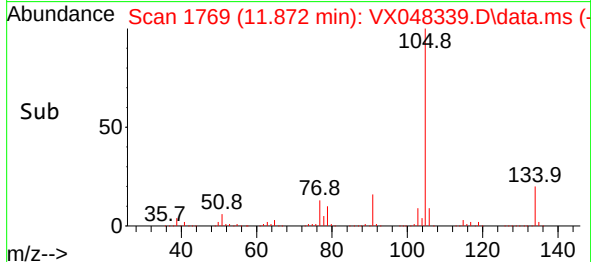
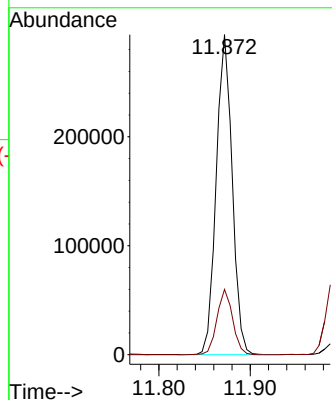
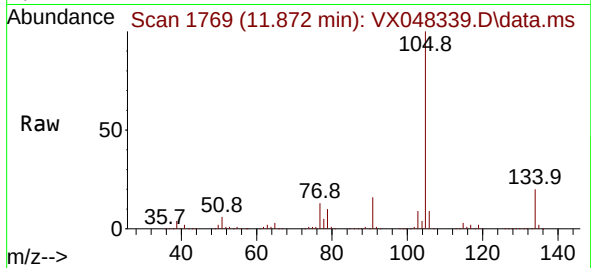




#85
 sec-Butylbenzene
 Concen: 50.910 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048339.D
 Acq: 24 Oct 2025 09:16

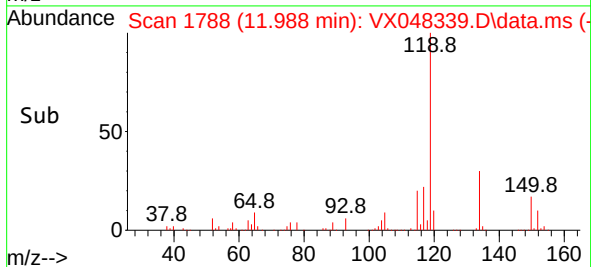
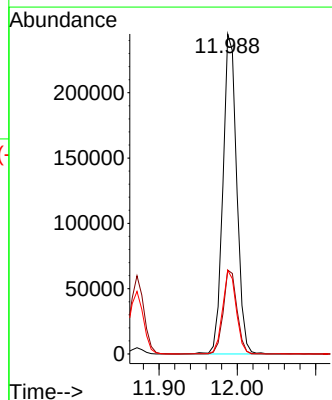
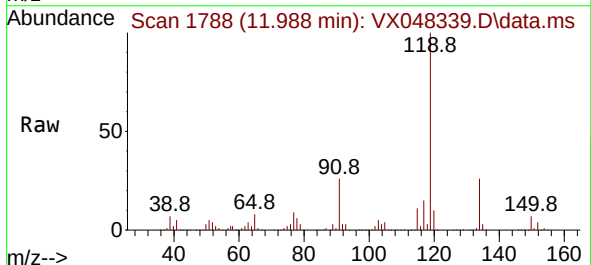
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

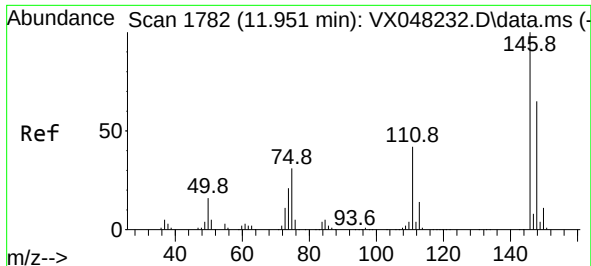
Tgt Ion:105 Resp: 355586
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 49.821 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. -0.000 min
 Lab File: VX048339.D
 Acq: 24 Oct 2025 09:16

Tgt Ion:119 Resp: 300777
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 25.7 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 50.069 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

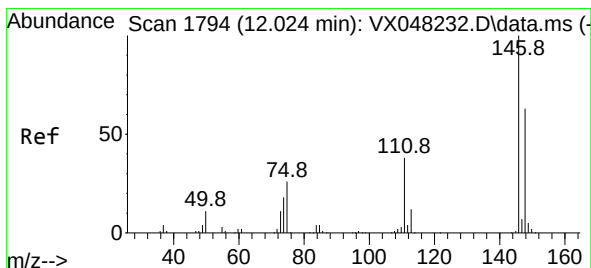
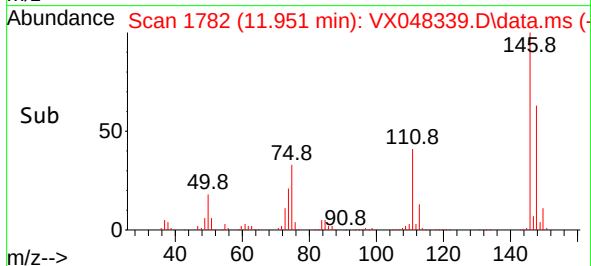
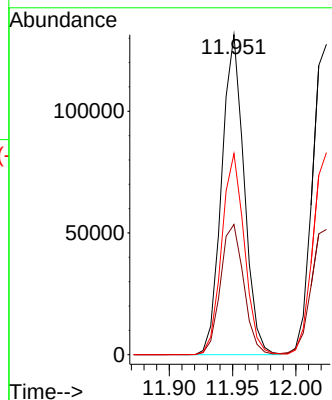
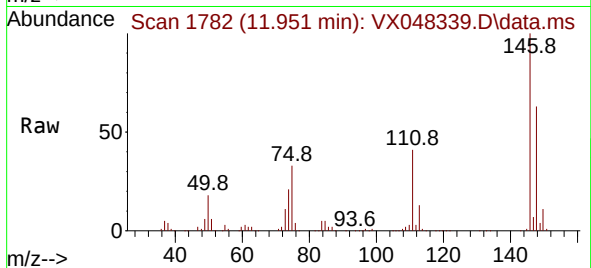
Tgt Ion:146 Resp: 161594

Ion Ratio Lower Upper

146 100

111 42.4 20.4 61.2

148 63.6 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 49.095 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

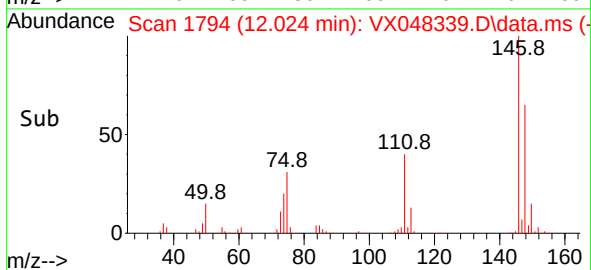
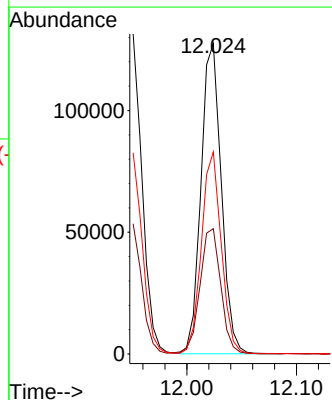
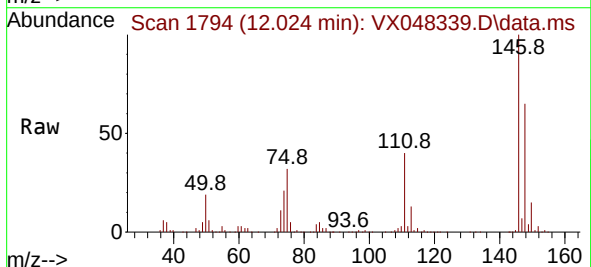
Tgt Ion:146 Resp: 164145

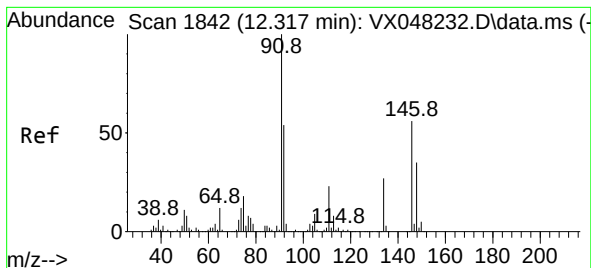
Ion Ratio Lower Upper

146 100

111 41.5 20.1 60.2

148 63.5 31.8 95.3





#89

n-Butylbenzene

Concen: 50.804 ug/l

RT: 12.311 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

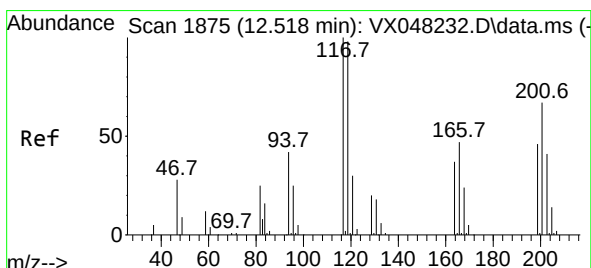
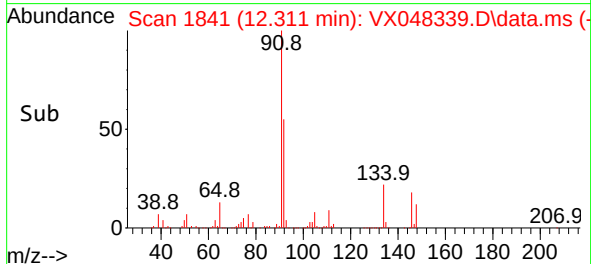
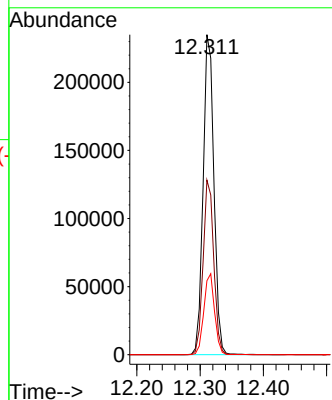
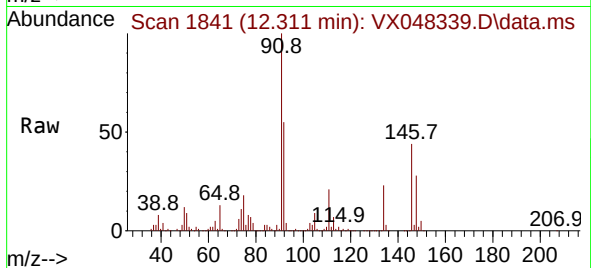
Tgt Ion: 91 Resp: 279165

Ion Ratio Lower Upper

91 100

92 54.0 26.9 80.6

134 25.2 12.7 38.1



#90

Hexachloroethane

Concen: 44.242 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VX048339.D

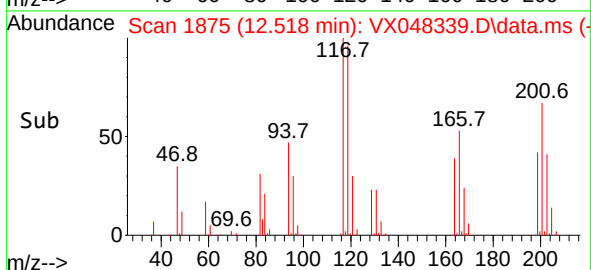
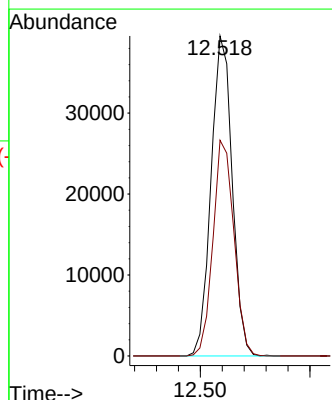
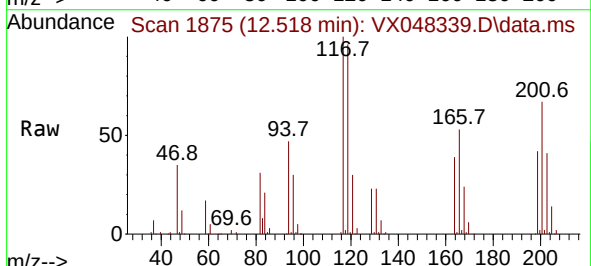
Acq: 24 Oct 2025 09:16

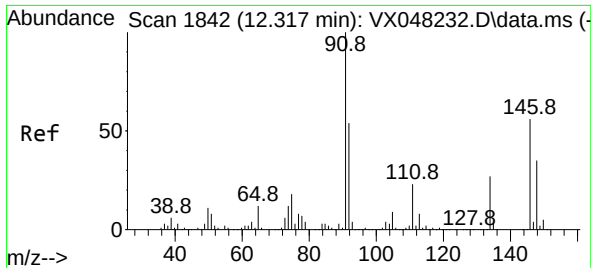
Tgt Ion: 117 Resp: 52745

Ion Ratio Lower Upper

117 100

201 67.2 34.1 102.2

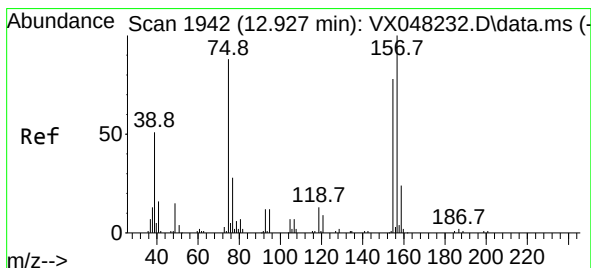
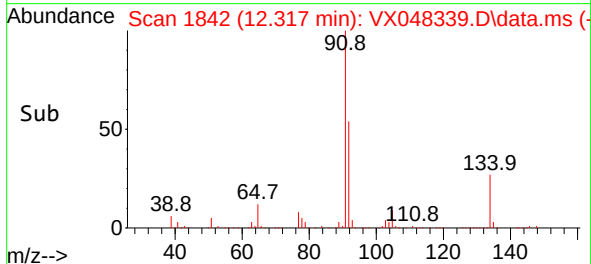
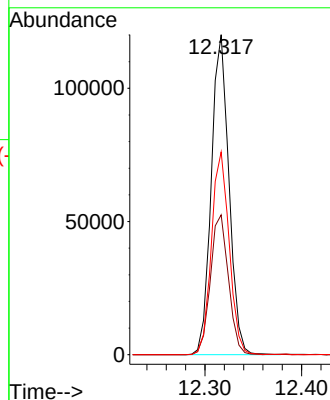
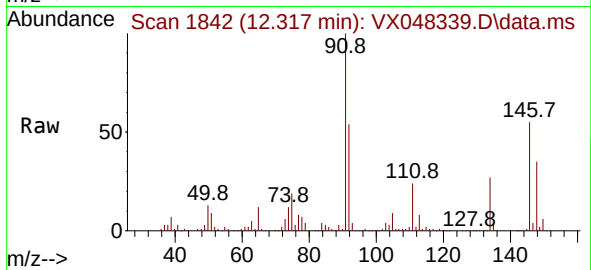




#91
 1,2-Dichlorobenzene
 Concen: 50.288 ug/l
 RT: 12.317 min Scan# 1842
 Delta R.T. -0.000 min
 Lab File: VX048339.D
 Acq: 24 Oct 2025 09:16

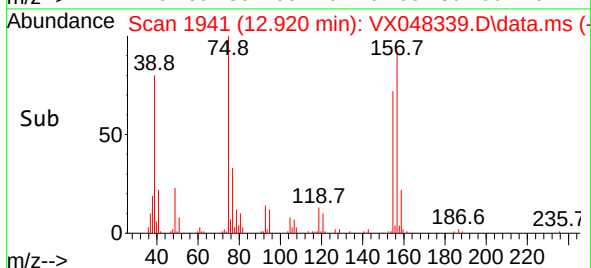
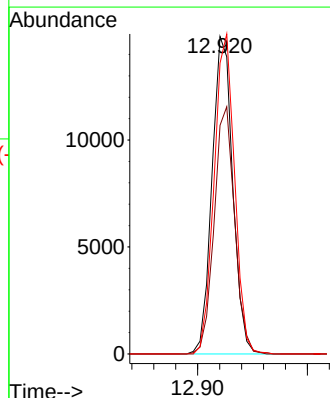
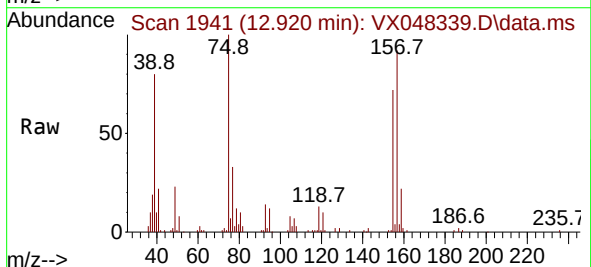
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

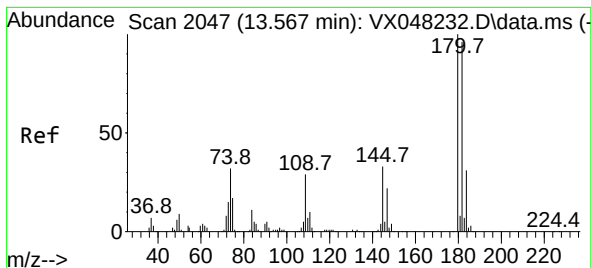
Tgt Ion:146 Resp: 152380
 Ion Ratio Lower Upper
 146 100
 111 44.8 21.9 65.5
 148 63.7 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.374 ug/l
 RT: 12.920 min Scan# 1941
 Delta R.T. -0.000 min
 Lab File: VX048339.D
 Acq: 24 Oct 2025 09:16

Tgt Ion: 75 Resp: 19444
 Ion Ratio Lower Upper
 75 100
 155 77.0 42.8 128.4
 157 99.5 54.2 162.6





#93

1,2,4-Trichlorobenzene

Concen: 49.644 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

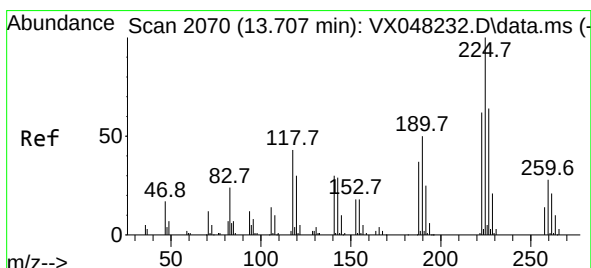
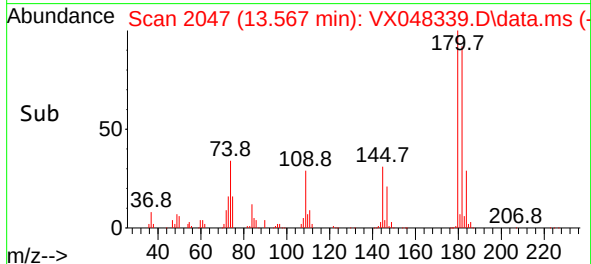
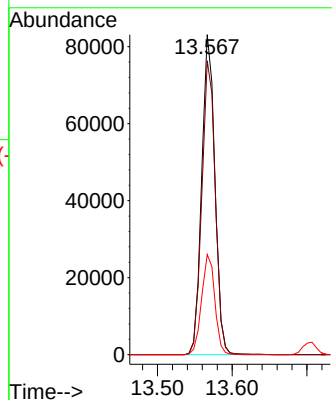
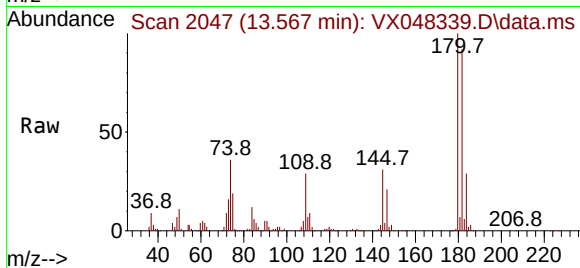
Tgt Ion:180 Resp: 101730

Ion Ratio Lower Upper

180 100

182 93.6 47.3 142.0

145 31.4 16.3 48.9



#94

Hexachlorobutadiene

Concen: 48.406 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. 0.006 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

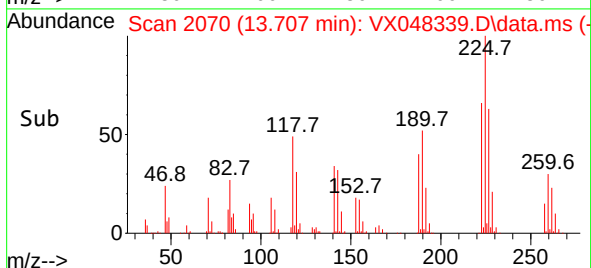
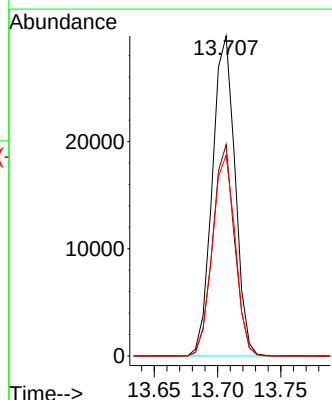
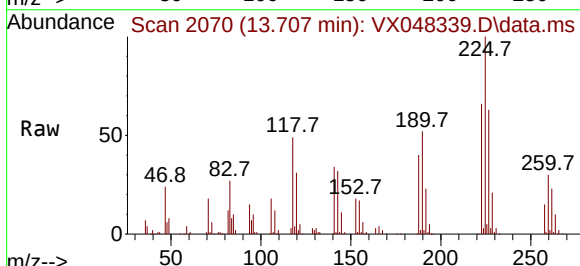
Tgt Ion:225 Resp: 37168

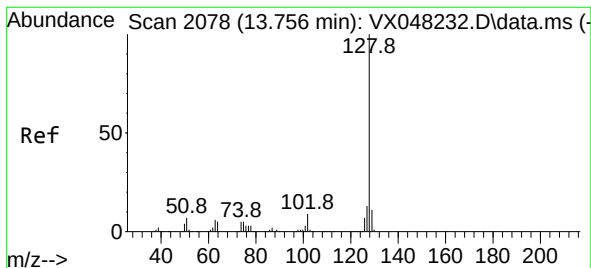
Ion Ratio Lower Upper

225 100

223 63.9 32.6 97.7

227 63.3 32.5 97.4





#95

Naphthalene

Concen: 51.198 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. -0.000 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

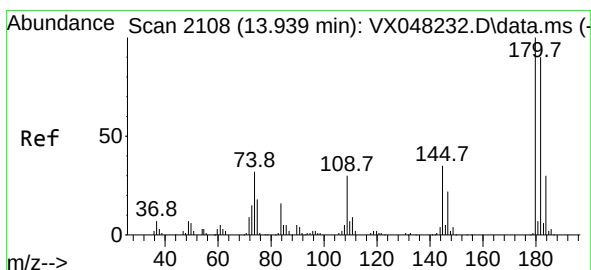
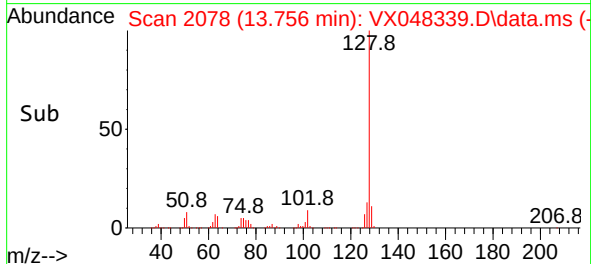
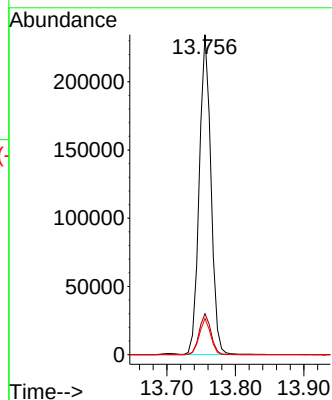
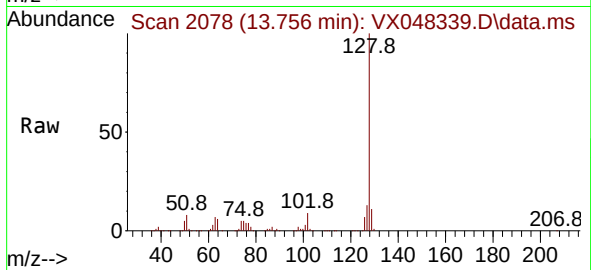
Tgt Ion:128 Resp: 277956

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 49.409 ug/l

RT: 13.938 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

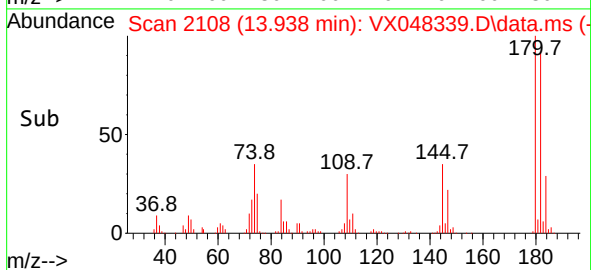
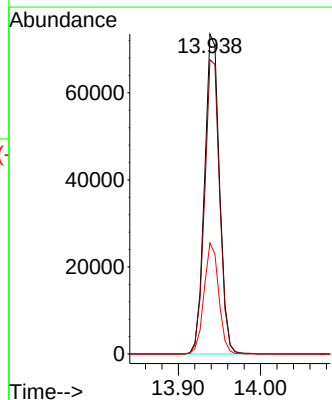
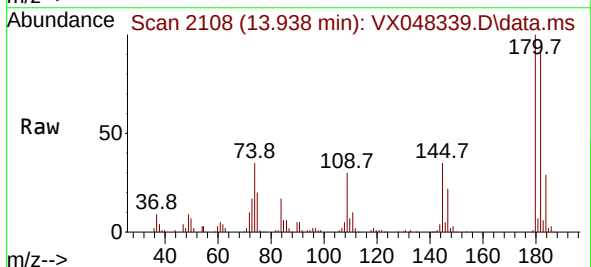
Tgt Ion:180 Resp: 92908

Ion Ratio Lower Upper

180 100

182 92.8 46.6 139.7

145 34.1 16.9 50.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
 Data File : VX048341.D
 Acq On : 24 Oct 2025 10:15
 Operator : JC/MD
 Sample : VX1024WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS01

Quant Time: Oct 24 23:00:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	145979	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.744	114	238661	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	208902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	103563	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.933	65	104947	51.275	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.560%	
35) Dibromofluoromethane	5.367	113	67722	41.564	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 83.120%	
50) Toluene-d8	8.628	98	283427	49.629	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.260%	
62) 4-Bromofluorobenzene	11.061	95	105010	48.334	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.660%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	27195	18.122	ug/l	94
3) Chloromethane	1.300	50	14115	10.077	ug/l	93
4) Vinyl Chloride	1.379	62	36112	27.840	ug/l	98
5) Bromomethane	1.617	94	12608	14.323	ug/l	92
6) Chloroethane	1.696	64	21902	28.735	ug/l	95
7) Trichlorofluoromethane	1.898	101	61799	24.842	ug/l	98
8) Diethyl Ether	2.129	74	20019	28.600	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.337	101	33915	21.529	ug/l	99
10) Methyl Iodide	2.458	142	121848	61.528	ug/l	98
11) Tert butyl alcohol	2.934	59	16210	79.768	ug/l	98
12) 1,1-Dichloroethene	2.324	96	31747	20.715	ug/l	98
13) Acrolein	2.233	56	25338	122.255	ug/l	100
14) Allyl chloride	2.666	41	54311	21.344	ug/l	95
15) Acrylonitrile	3.056	53	70500	96.210	ug/l	99
16) Acetone	2.367	43	48526	69.111	ug/l	98
17) Carbon Disulfide	2.513	76	88439	18.310	ug/l	98
18) Methyl Acetate	2.696	43	29292	19.976	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	105877	20.250	ug/l	100
20) Methylene Chloride	2.788	84	34512	20.172	ug/l	98
21) trans-1,2-Dichloroethene	3.086	96	34044	20.223	ug/l	98
22) Diisopropyl ether	3.745	45	118430	23.336	ug/l	99
23) Vinyl Acetate	3.708	43	423009	104.344	ug/l	99
24) 1,1-Dichloroethane	3.599	63	65078	21.207	ug/l	98
25) 2-Butanone	4.531	43	75222	84.639	ug/l	95
26) 2,2-Dichloropropane	4.464	77	56864	20.530	ug/l	98
27) cis-1,2-Dichloroethene	4.476	96	39206	19.955	ug/l	96
28) Bromochloromethane	4.879	49	27053	21.261	ug/l	97
29) Tetrahydrofuran	4.982	42	51748	97.222	ug/l	99
30) Chloroform	5.074	83	68186	20.797	ug/l	99
31) Cyclohexane	5.452	56	57458	22.616	ug/l	89
32) 1,1,1-Trichloroethane	5.367	97	62899	20.816	ug/l	98
36) 1,1-Dichloropropene	5.677	75	46219	19.958	ug/l	96
37) Ethyl Acetate	4.690	43	41061	21.391	ug/l #	95
38) Carbon Tetrachloride	5.659	117	52919	18.522	ug/l	95
39) Methylcyclohexane	7.366	83	56949	20.823	ug/l	98
40) Benzene	6.019	78	135581	20.165	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
 Data File : VX048341.D
 Acq On : 24 Oct 2025 10:15
 Operator : JC/MD
 Sample : VX1024WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS01

Quant Time: Oct 24 23:00:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.891	41	20984	20.817	ug/l	98
42) 1,2-Dichloroethane	6.068	62	52014	20.965	ug/l	99
43) Isopropyl Acetate	6.318	43	68756	21.807	ug/l	99
44) Trichloroethene	7.104	130	34170	19.247	ug/l	98
45) 1,2-Dichloropropane	7.409	63	33220	20.781	ug/l	99
46) Dibromomethane	7.561	93	24750	19.873	ug/l	98
47) Bromodichloromethane	7.805	83	52628	19.571	ug/l	99
48) Methyl methacrylate	7.677	41	33315	20.939	ug/l	96
49) 1,4-Dioxane	7.641	88	7180	341.585	ug/l	96
51) 4-Methyl-2-Pentanone	8.555	43	189499	104.240	ug/l	99
52) Toluene	8.701	92	84824	19.859	ug/l	98
53) t-1,3-Dichloropropene	8.963	75	49569	19.129	ug/l	96
54) cis-1,3-Dichloropropene	8.348	75	52191	18.668	ug/l	95
55) 1,1,2-Trichloroethane	9.134	97	31755	19.991	ug/l	95
56) Ethyl methacrylate	9.098	69	45976	19.789	ug/l	97
57) 1,3-Dichloropropane	9.293	76	53530	19.729	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.226	63	118629	96.012	ug/l	99
59) 2-Hexanone	9.415	43	125025	98.630	ug/l	98
60) Dibromochloromethane	9.506	129	38132	17.861	ug/l	99
61) 1,2-Dibromoethane	9.591	107	32346	19.101	ug/l	98
64) Tetrachloroethene	9.256	164	32600	20.904	ug/l	97
65) Chlorobenzene	10.061	112	93252	19.844	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.146	131	32783	18.993	ug/l	99
67) Ethyl Benzene	10.177	91	163786	20.471	ug/l	99
68) m/p-Xylenes	10.286	106	122538	41.221	ug/l	99
69) o-Xylene	10.622	106	57644	20.085	ug/l	100
70) Styrene	10.640	104	98123	20.079	ug/l	98
71) Bromoform	10.780	173	23162	16.790	ug/l #	99
73) Isopropylbenzene	10.945	105	156349	20.669	ug/l	100
74) N-amyl acetate	10.823	43	58990	21.985	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.195	83	39902	19.317	ug/l	100
76) 1,2,3-Trichloropropane	11.219	75	41247	24.560	ug/l	82
77) Bromobenzene	11.176	156	36110	19.039	ug/l	98
78) n-propylbenzene	11.286	91	186273	21.269	ug/l	99
79) 2-Chlorotoluene	11.347	91	111240	20.949	ug/l	98
80) 1,3,5-Trimethylbenzene	11.432	105	129782	20.733	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	8393	12.159	ug/l #	53
82) 4-Chlorotoluene	11.432	91	129943	20.615	ug/l	100
83) tert-Butylbenzene	11.695	119	128952	20.049	ug/l	99
84) 1,2,4-Trimethylbenzene	11.731	105	129443	20.720	ug/l	99
85) sec-Butylbenzene	11.871	105	165405	21.376	ug/l	99
86) p-Isopropyltoluene	11.987	119	137775	20.599	ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	68516	19.162	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	69433	18.745	ug/l	99
89) n-Butylbenzene	12.316	91	127603	20.961	ug/l	100
90) Hexachloroethane	12.518	117	22551	17.074	ug/l	99
91) 1,2-Dichlorobenzene	12.316	146	64650	19.258	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.920	75	7646	18.235	ug/l	92
93) 1,2,4-Trichlorobenzene	13.566	180	42595	18.762	ug/l	100
94) Hexachlorobutadiene	13.706	225	18776	22.108	ug/l	95
95) Naphthalene	13.755	128	112756	18.747	ug/l	100
96) 1,2,3-Trichlorobenzene	13.944	180	39822	19.115	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048341.D
Acq On : 24 Oct 2025 10:15
Operator : JC/MD
Sample : VX1024WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

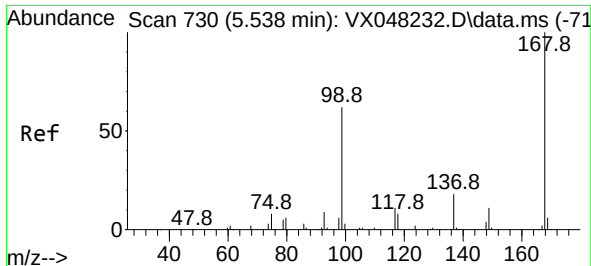
Quant Time: Oct 24 23:00:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

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

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

Quant Time: Oct 24 23:00:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

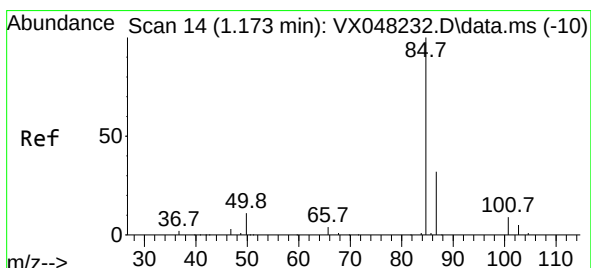
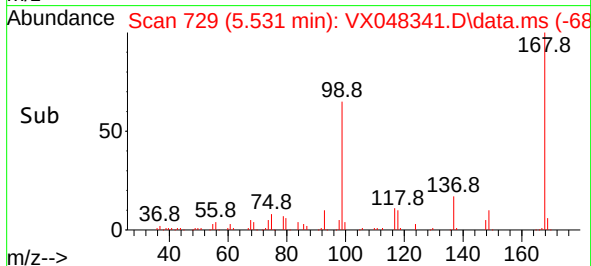
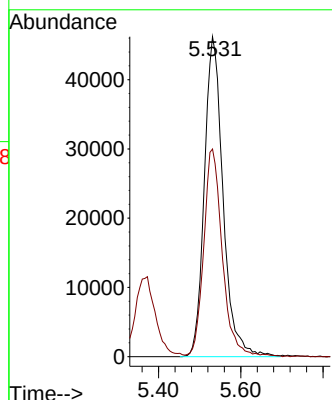
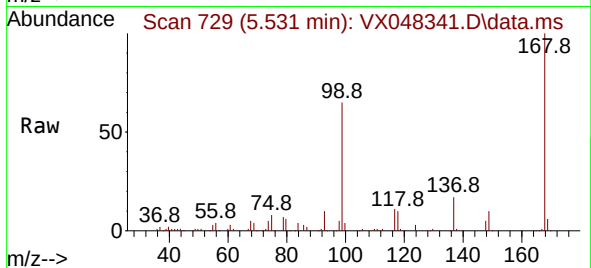




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.013 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

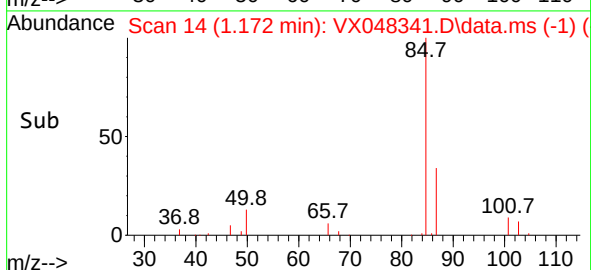
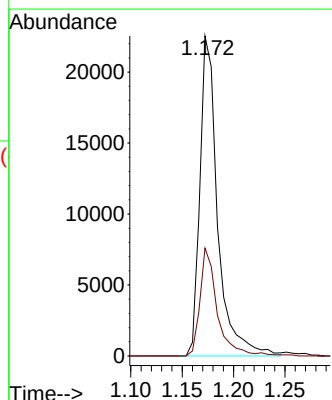
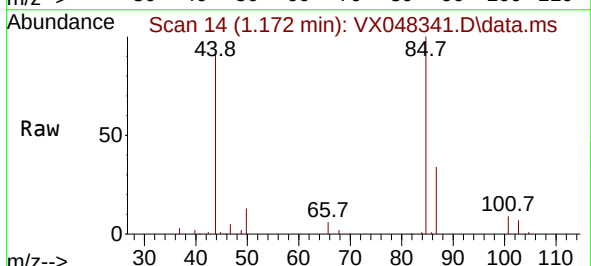
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

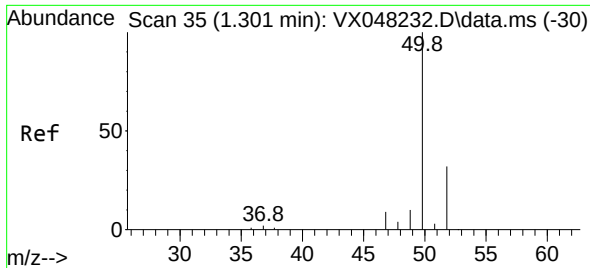
Tgt Ion:168 Resp: 145979
Ion Ratio Lower Upper
168 100
99 64.6 46.4 69.6



#2
Dichlorodifluoromethane
Concen: 18.122 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 85 Resp: 27195
Ion Ratio Lower Upper
85 100
87 33.7 15.3 45.9

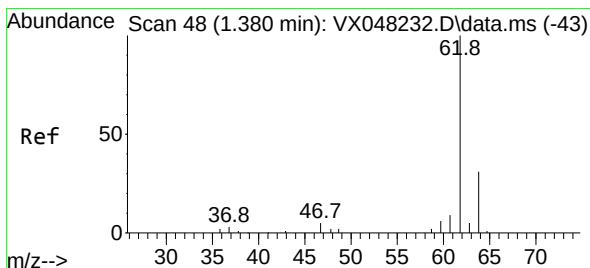
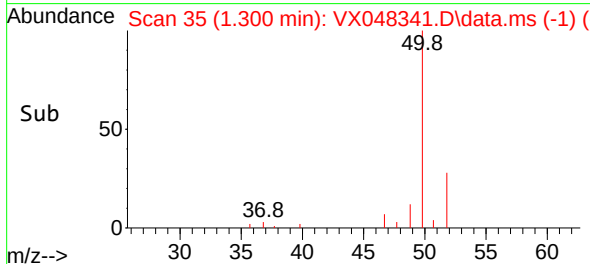
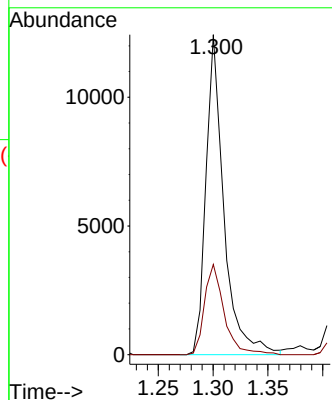
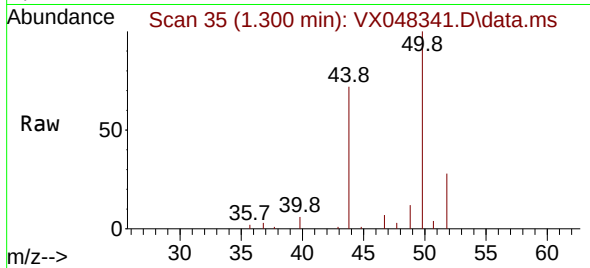




#3
Chloromethane
Concen: 10.077 ug/l
RT: 1.300 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

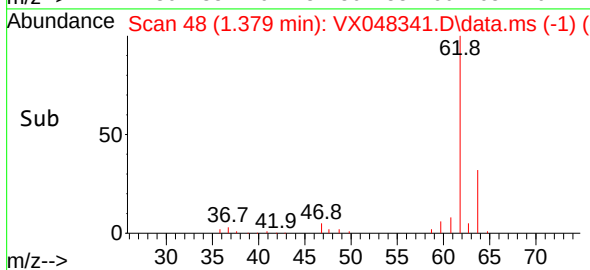
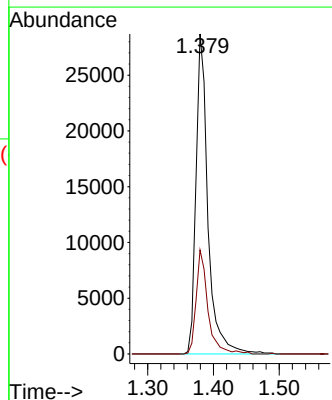
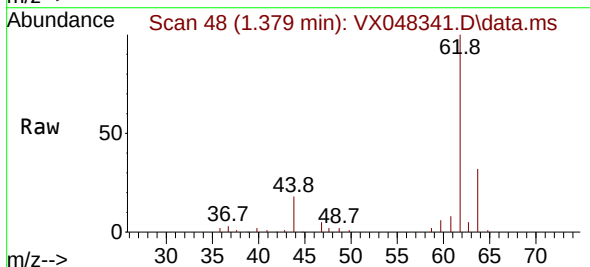
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

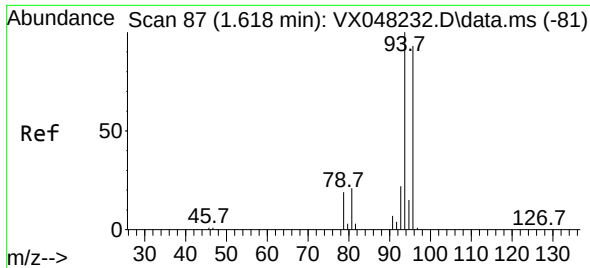
Tgt Ion: 50 Resp: 14115
Ion Ratio Lower Upper
50 100
52 28.2 25.9 38.9



#4
Vinyl Chloride
Concen: 27.840 ug/l
RT: 1.379 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 62 Resp: 36112
Ion Ratio Lower Upper
62 100
64 32.5 25.1 37.7

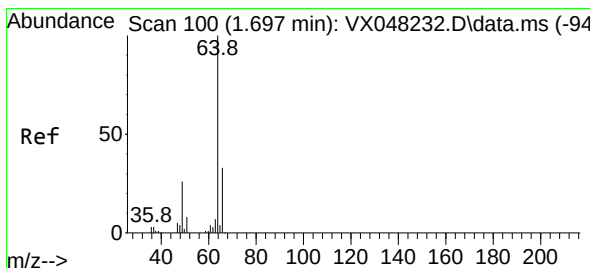
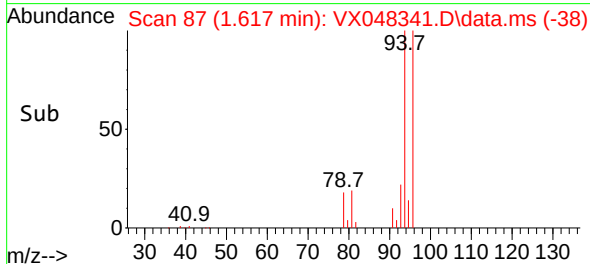
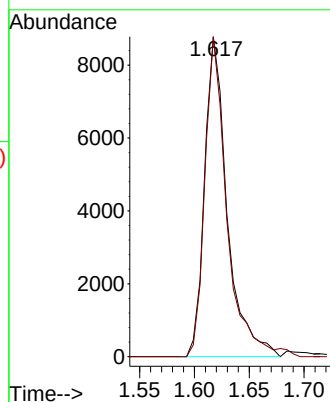
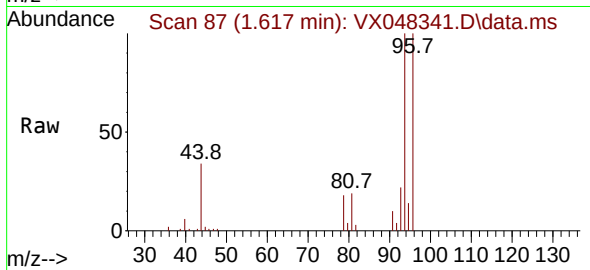




#5
Bromomethane
Concen: 14.323 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

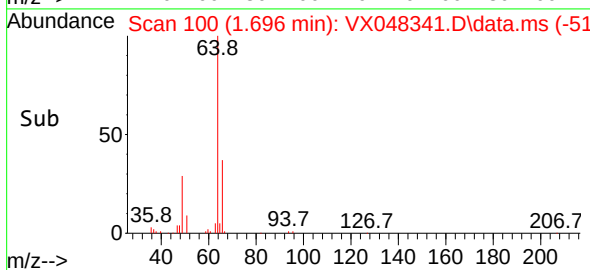
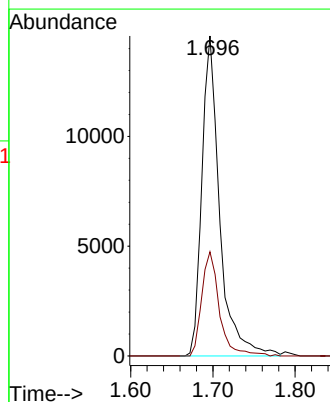
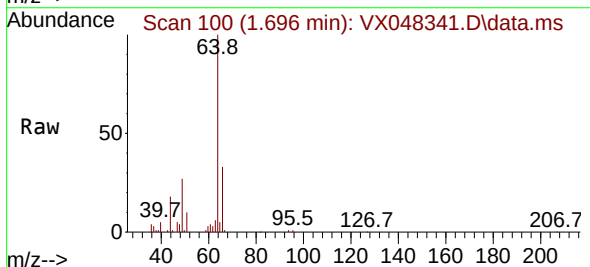
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

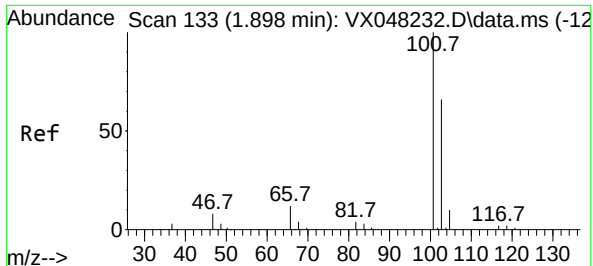
Tgt Ion: 94 Resp: 12608
Ion Ratio Lower Upper
94 100
96 87.6 76.0 114.0



#6
Chloroethane
Concen: 28.735 ug/l
RT: 1.696 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 64 Resp: 21902
Ion Ratio Lower Upper
64 100
66 32.6 23.9 35.9

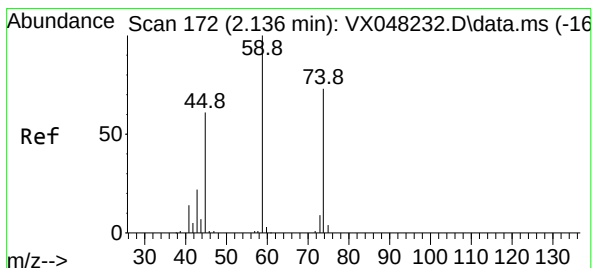
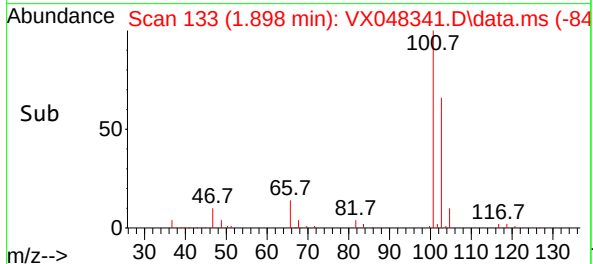
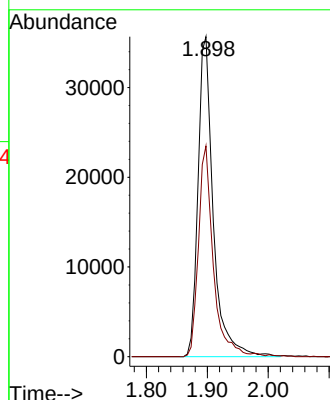
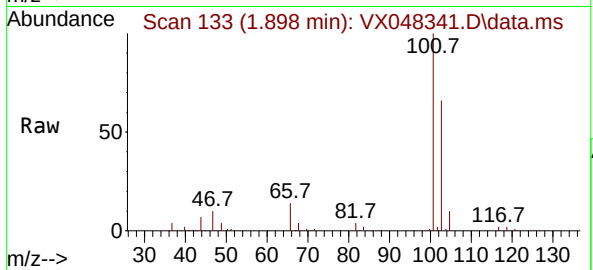




#7
Trichlorofluoromethane
Concen: 24.842 ug/l
RT: 1.898 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

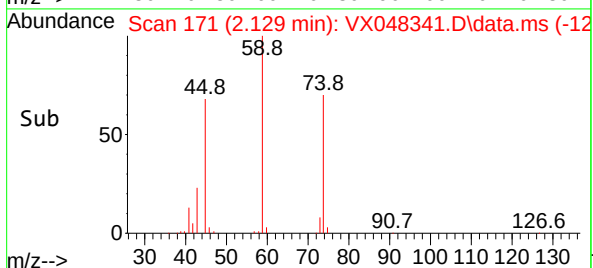
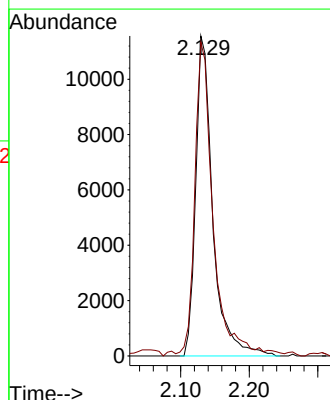
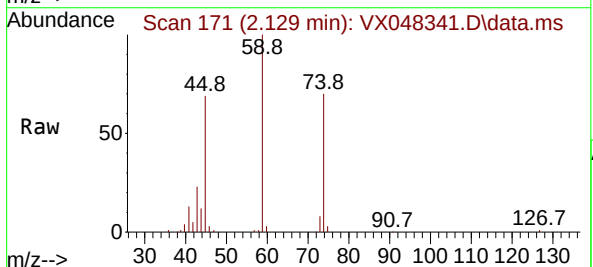
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

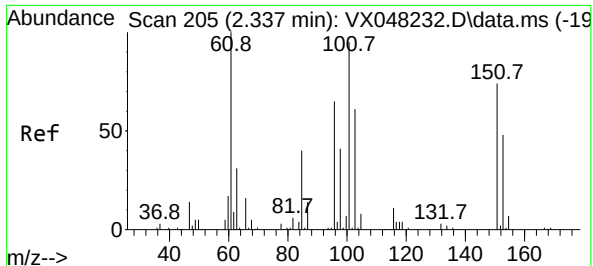
Tgt Ion:101 Resp: 61799
Ion Ratio Lower Upper
101 100
103 65.9 51.6 77.4



#8
Diethyl Ether
Concen: 28.600 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 74 Resp: 20019
Ion Ratio Lower Upper
74 100
45 106.0 50.0 149.8

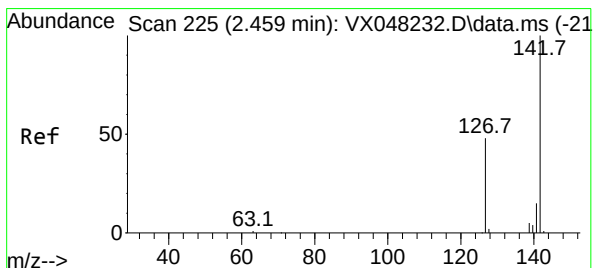
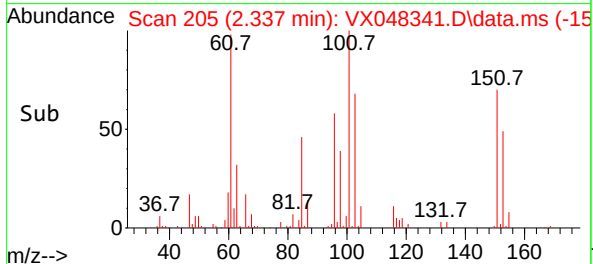
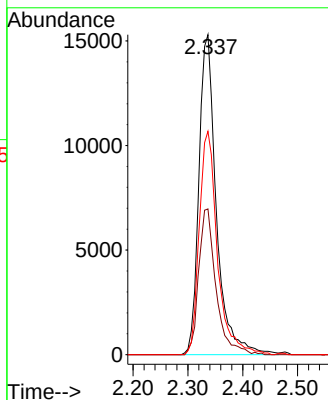
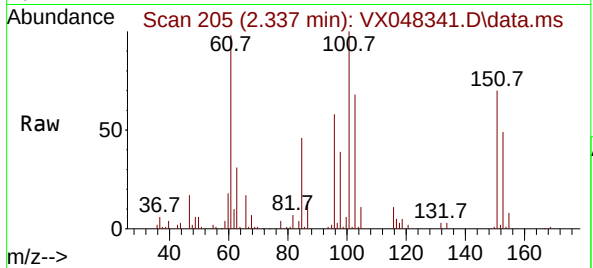




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.529 ug/l
 RT: 2.337 min Scan# 205
 Delta R.T. -0.000 min
 Lab File: VX048341.D
 Acq: 24 Oct 2025 10:15

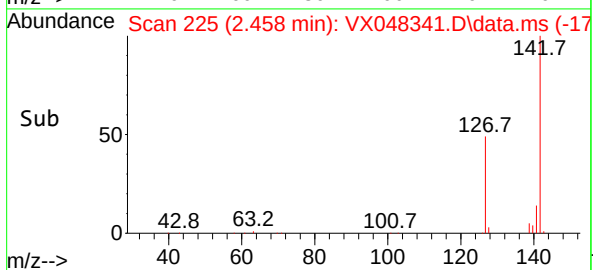
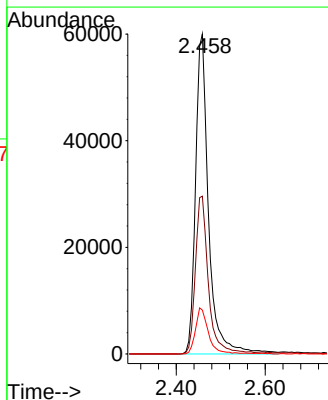
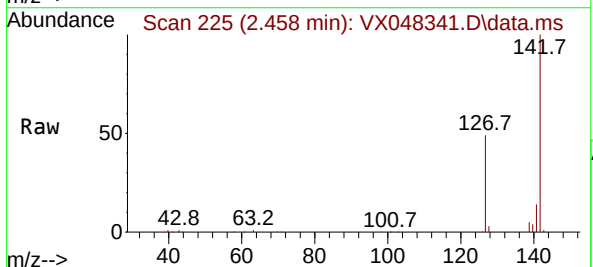
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS01

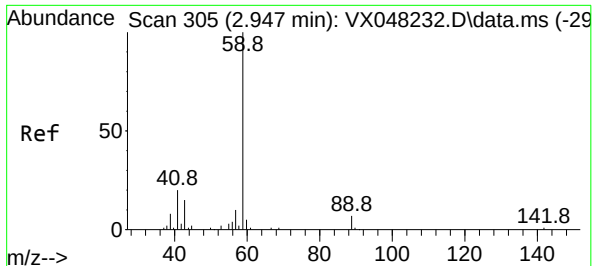
Tgt Ion:101 Resp: 33915
 Ion Ratio Lower Upper
 101 100
 85 45.5 35.6 53.4
 151 72.7 58.0 87.0



#10
 Methyl Iodide
 Concen: 61.528 ug/l
 RT: 2.458 min Scan# 225
 Delta R.T. -0.000 min
 Lab File: VX048341.D
 Acq: 24 Oct 2025 10:15

Tgt Ion:142 Resp: 121848
 Ion Ratio Lower Upper
 142 100
 127 49.5 38.5 57.7
 141 14.6 11.6 17.4

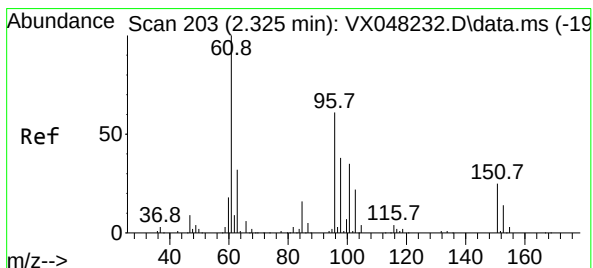
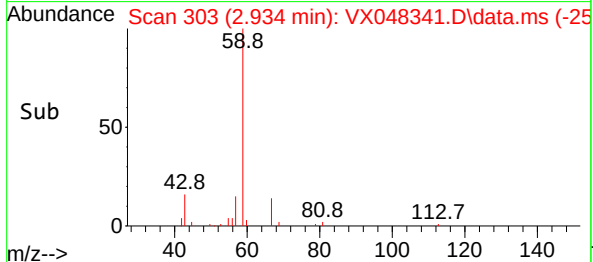
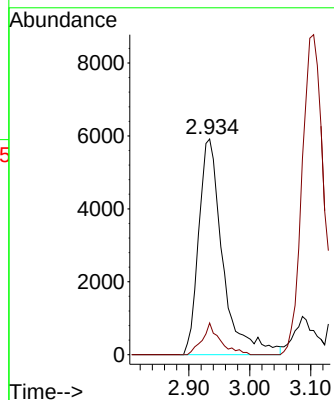
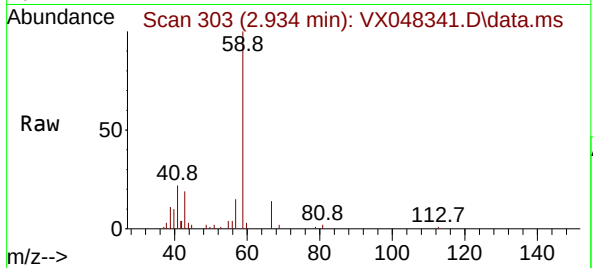




#11
Tert butyl alcohol
Concen: 79.768 ug/l
RT: 2.934 min Scan# 305
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

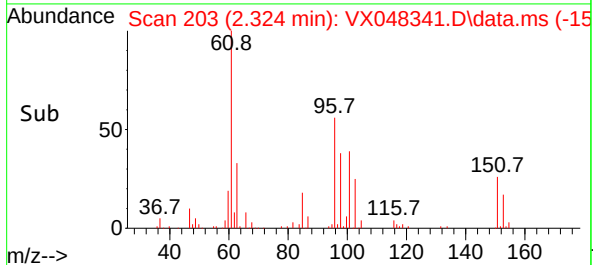
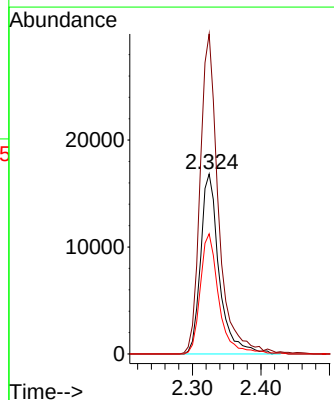
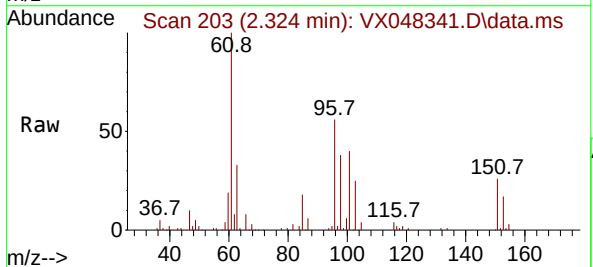
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

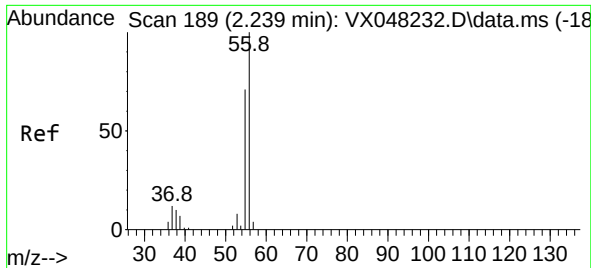
Tgt Ion: 59 Resp: 16210
Ion Ratio Lower Upper
59 100
57 11.0 8.2 12.4



#12
1,1-Dichloroethene
Concen: 20.715 ug/l
RT: 2.324 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 96 Resp: 31747
Ion Ratio Lower Upper
96 100
61 177.7 139.0 208.6
98 66.7 52.4 78.6

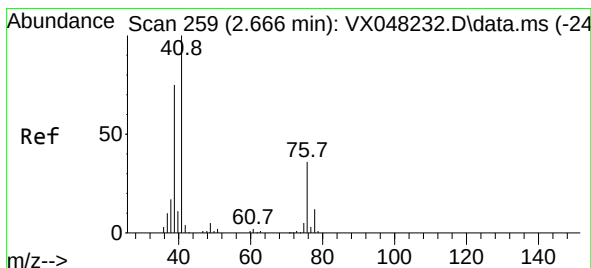
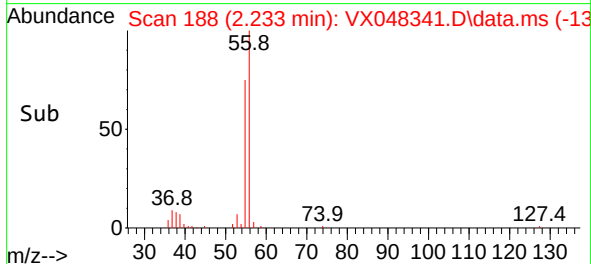
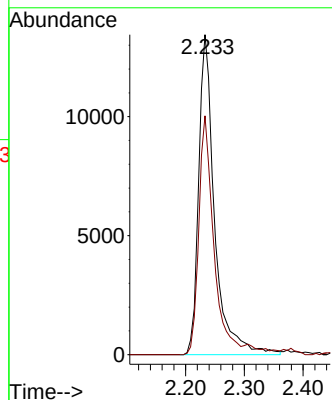
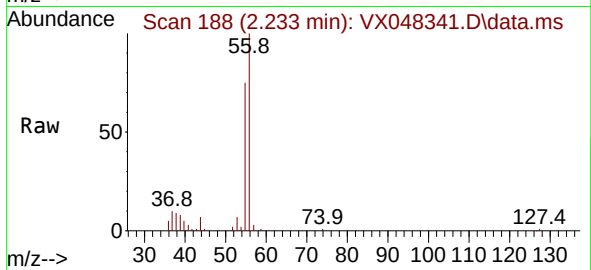




#13
Acrolein
Concen: 122.255 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

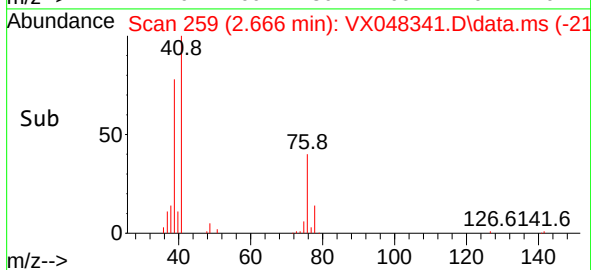
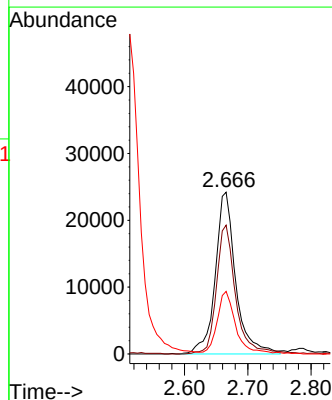
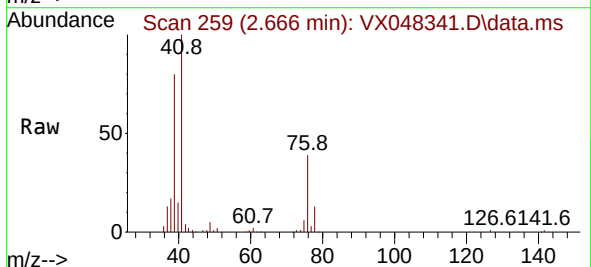
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

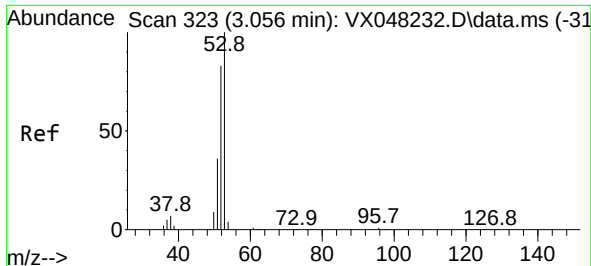
Tgt Ion: 56 Resp: 25338
Ion Ratio Lower Upper
56 100
55 70.1 56.1 84.1



#14
Allyl chloride
Concen: 21.344 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 41 Resp: 54311
Ion Ratio Lower Upper
41 100
39 74.9 56.0 84.0
76 35.5 27.5 41.3

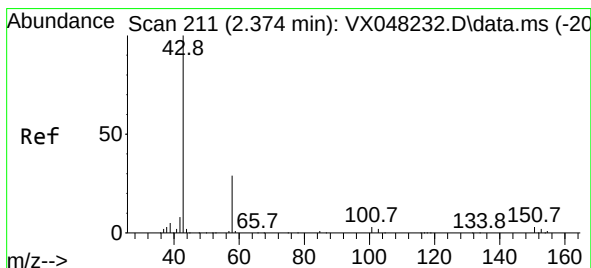
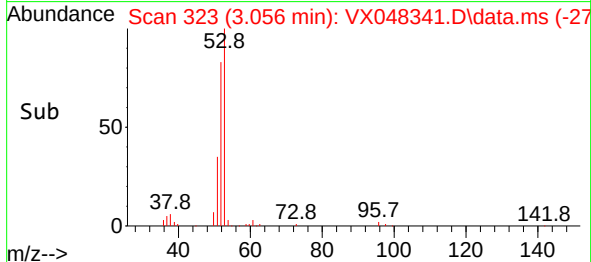
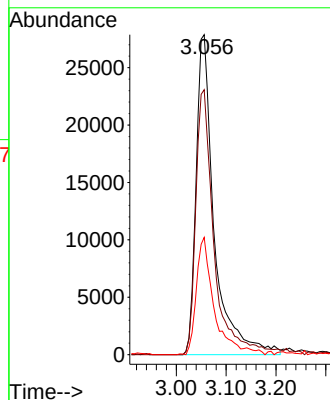
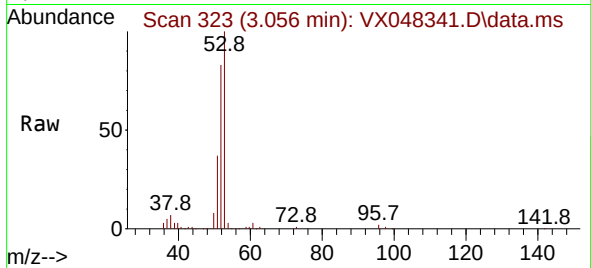




#15
Acrylonitrile
Concen: 96.210 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

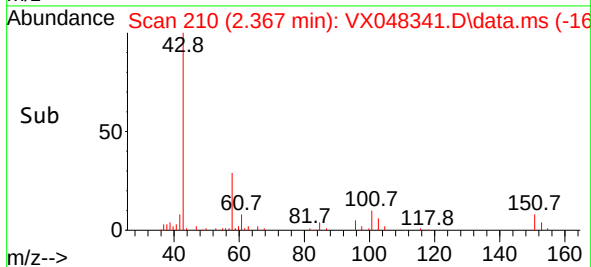
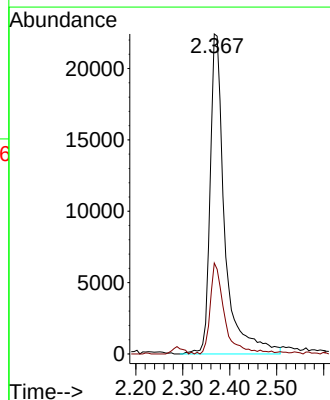
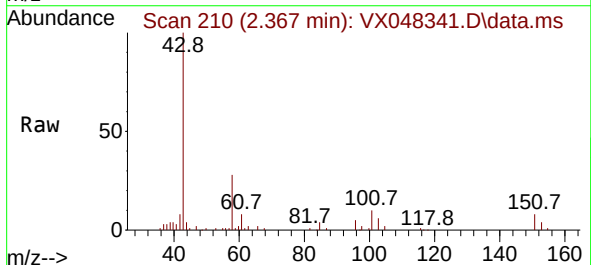
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

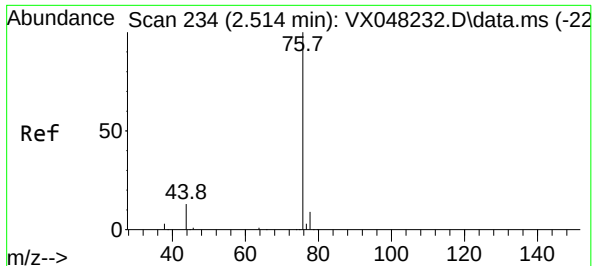
Tgt Ion: 53 Resp: 70500
Ion Ratio Lower Upper
53 100
52 83.5 66.1 99.1
51 36.1 29.0 43.4



#16
Acetone
Concen: 69.111 ug/l
RT: 2.367 min Scan# 210
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 43 Resp: 48526
Ion Ratio Lower Upper
43 100
58 28.2 23.4 35.2

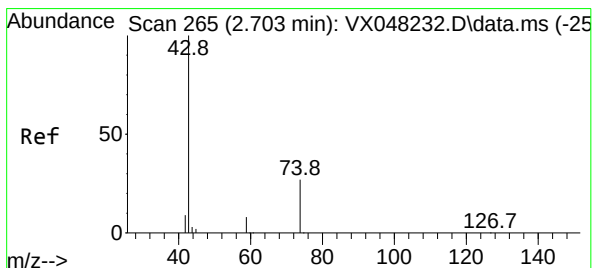
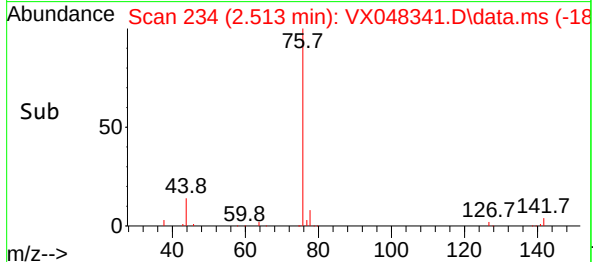
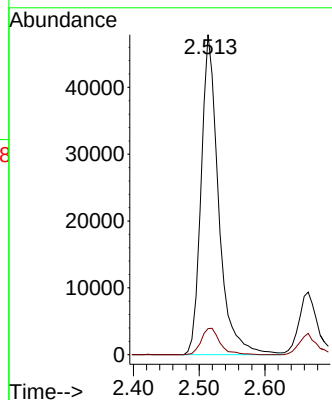
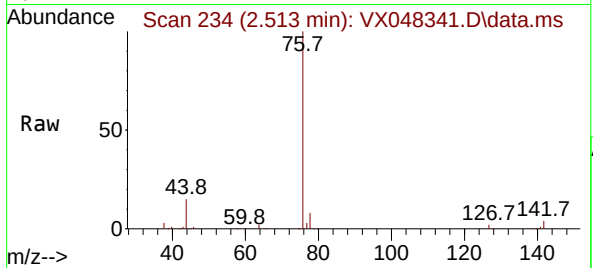




#17
Carbon Disulfide
Concen: 18.310 ug/l
RT: 2.513 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

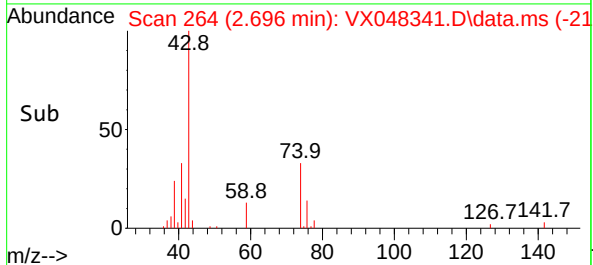
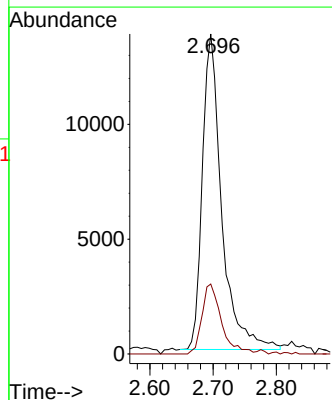
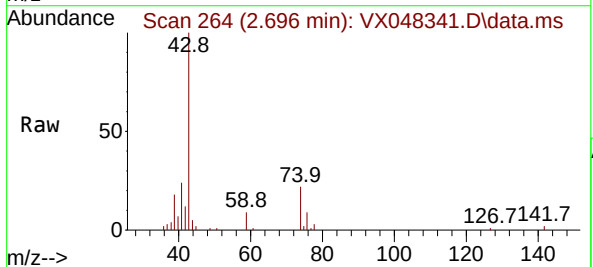
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

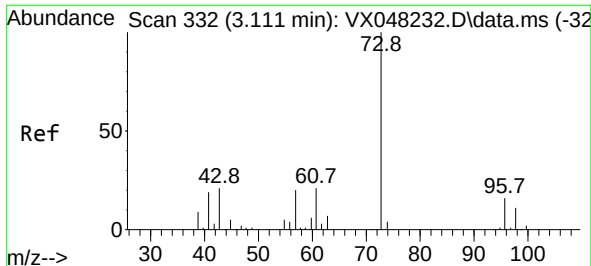
Tgt Ion: 76 Resp: 88439
Ion Ratio Lower Upper
76 100
78 8.2 7.1 10.7



#18
Methyl Acetate
Concen: 19.976 ug/l
RT: 2.696 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 43 Resp: 29292
Ion Ratio Lower Upper
43 100
74 22.2 17.5 26.3

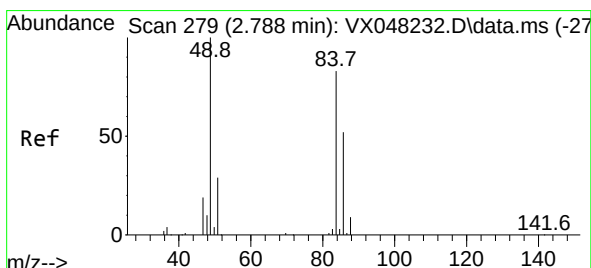
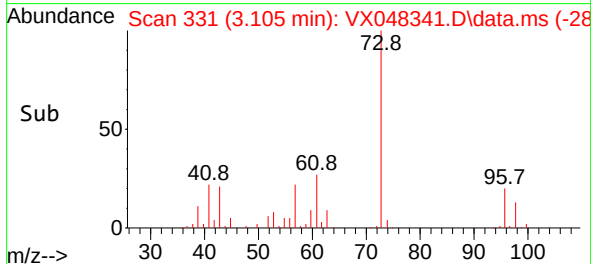
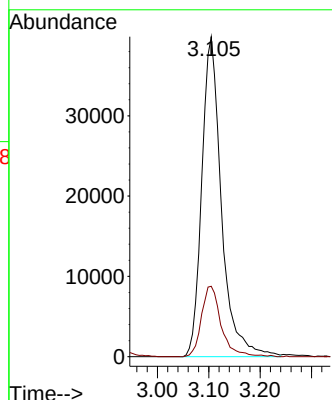
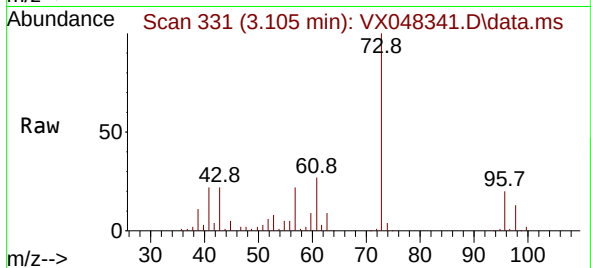




#19
Methyl tert-butyl Ether
Concen: 20.250 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

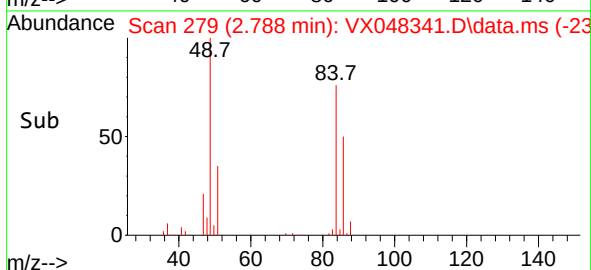
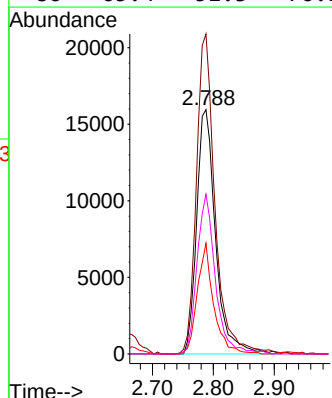
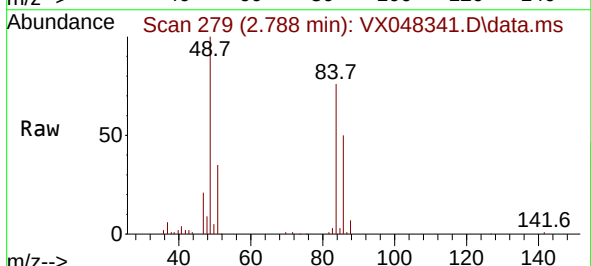
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

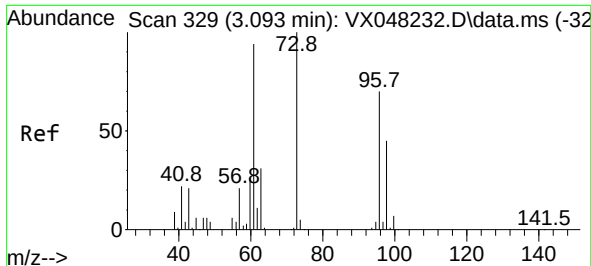
Tgt Ion: 73 Resp: 105877
Ion Ratio Lower Upper
73 100
57 22.0 17.7 26.5



#20
Methylene Chloride
Concen: 20.172 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 84 Resp: 34512
Ion Ratio Lower Upper
84 100
49 130.5 104.1 156.1
51 45.2 31.3 46.9
86 65.4 51.3 76.9

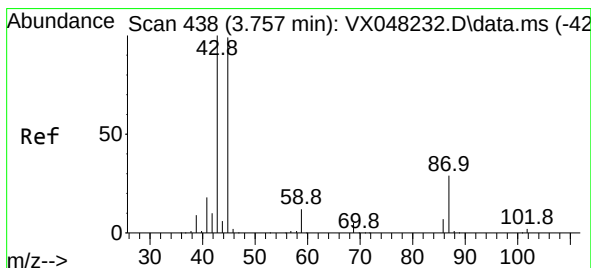
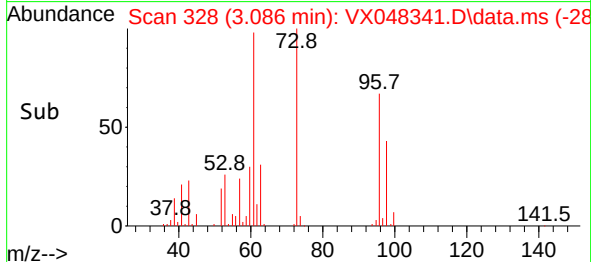
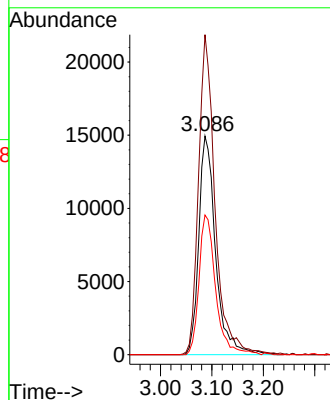
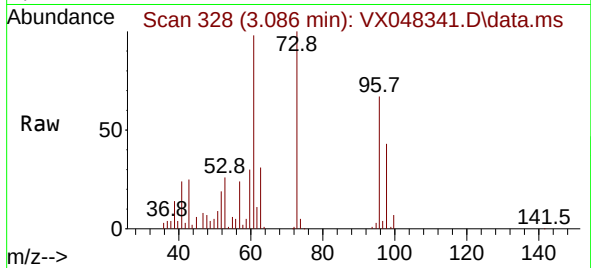




#21
trans-1,2-Dichloroethene
Concen: 20.223 ug/l
RT: 3.086 min Scan# 31
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

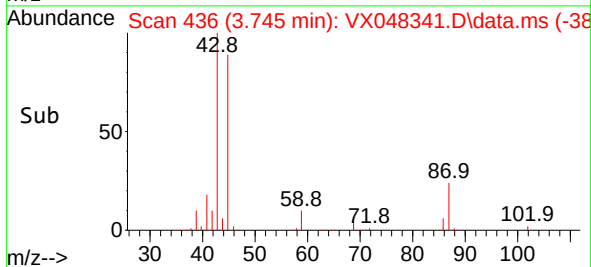
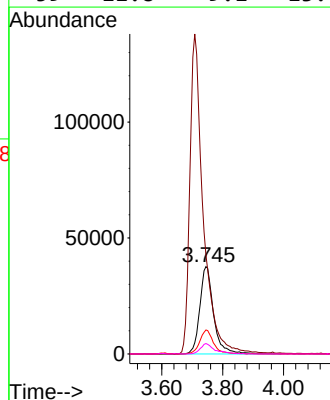
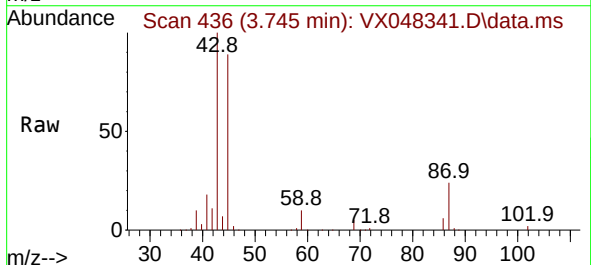
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

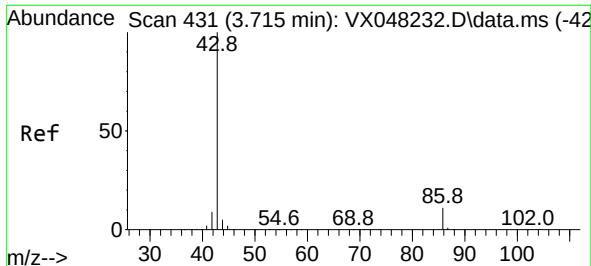
Tgt Ion: 96 Resp: 34044
Ion Ratio Lower Upper
96 100
61 138.1 111.9 167.9
98 60.3 51.2 76.8



#22
Diisopropyl ether
Concen: 23.336 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 45 Resp: 118430
Ion Ratio Lower Upper
45 100
43 112.2 89.8 134.8
87 27.4 20.6 31.0
59 11.8 9.1 13.7

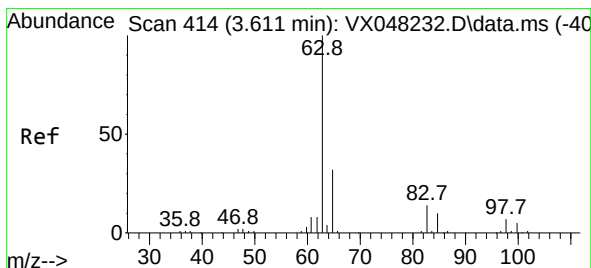
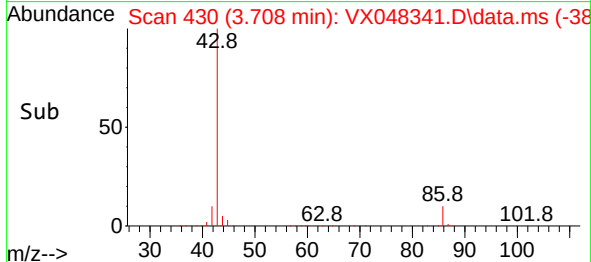
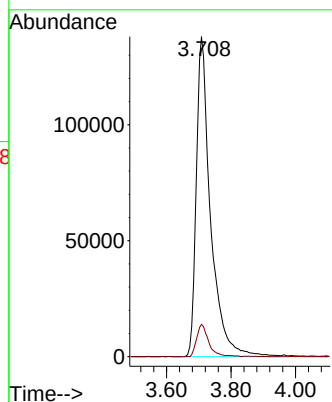
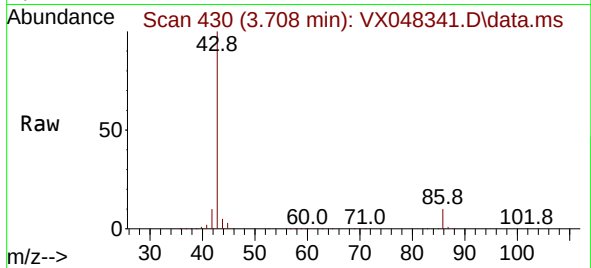




#23
 Vinyl Acetate
 Concen: 104.344 ug/l
 RT: 3.708 min Scan# 41
 Delta R.T. -0.007 min
 Lab File: VX048341.D
 Acq: 24 Oct 2025 10:15

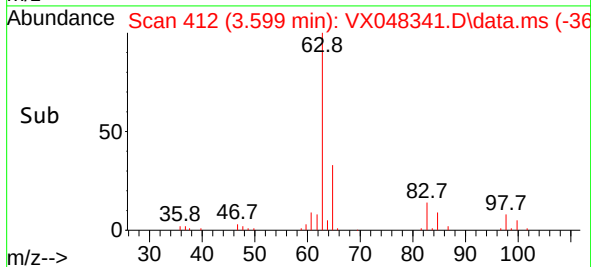
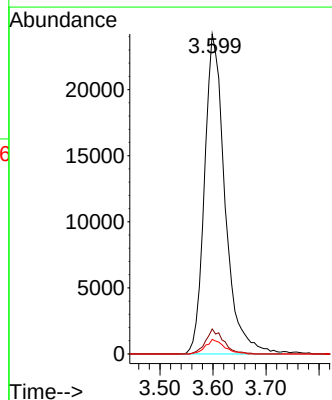
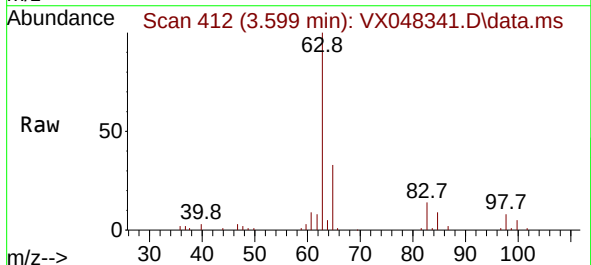
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS01

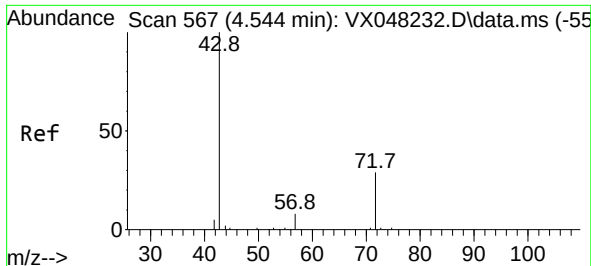
Tgt Ion: 43 Resp: 423009
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 21.207 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.007 min
 Lab File: VX048341.D
 Acq: 24 Oct 2025 10:15

Tgt Ion: 63 Resp: 65078
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.5 10.6
 100 4.6 2.1 6.3

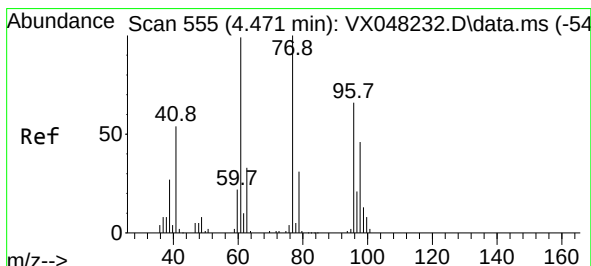
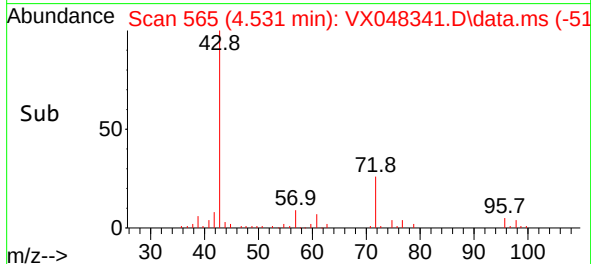
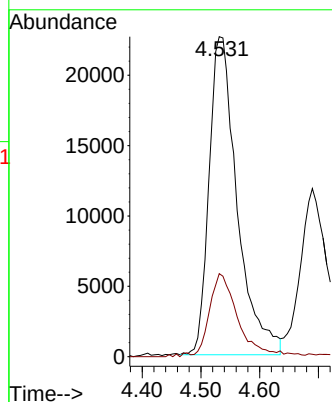
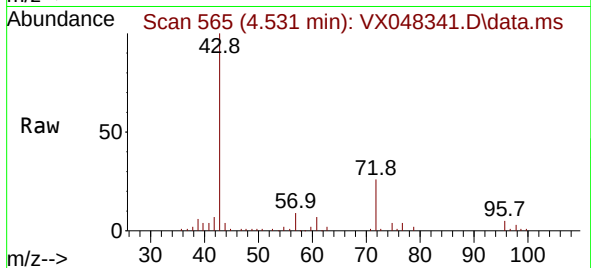




#25
2-Butanone
Concen: 84.639 ug/l
RT: 4.531 min Scan# 501
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

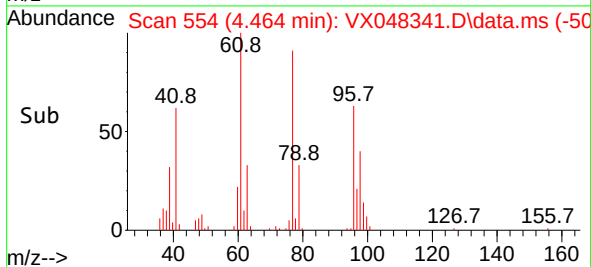
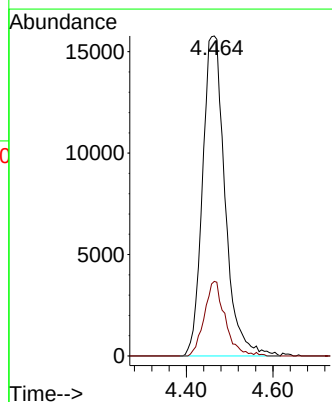
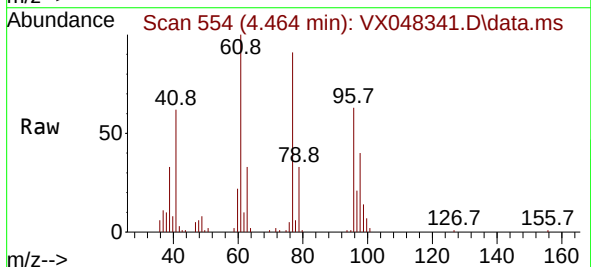
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

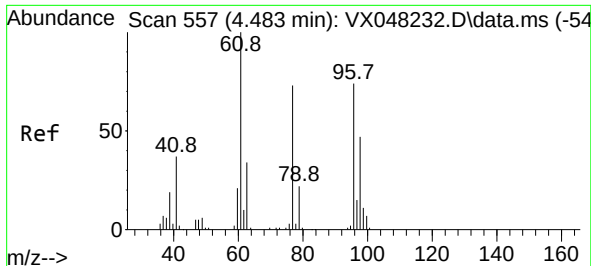
Tgt Ion: 43 Resp: 75222
Ion Ratio Lower Upper
43 100
72 27.6 19.9 29.9



#26
2,2-Dichloropropane
Concen: 20.530 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 77 Resp: 56864
Ion Ratio Lower Upper
77 100
97 21.5 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 19.955 ug/l

RT: 4.476 min Scan# 51

Delta R.T. -0.007 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

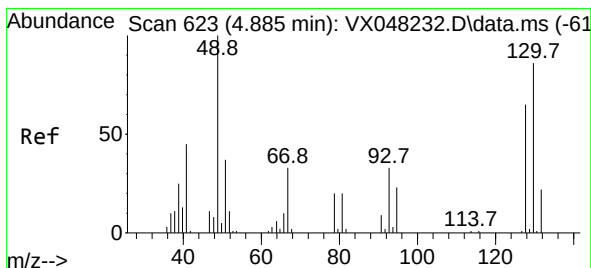
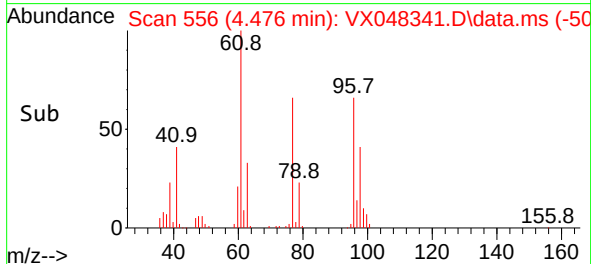
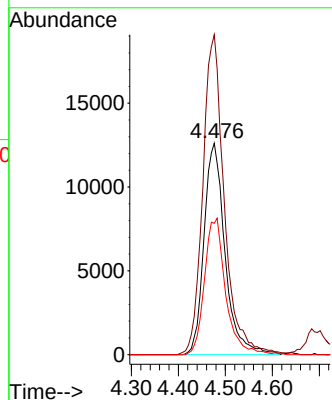
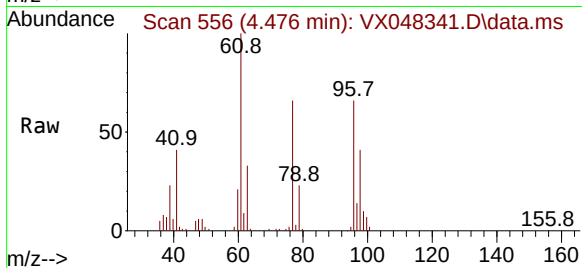
Tgt Ion: 96 Resp: 39206

Ion Ratio Lower Upper

96 100

61 154.3 0.0 294.2

98 64.7 0.0 128.4



#28

Bromochloromethane

Concen: 21.261 ug/l

RT: 4.879 min Scan# 622

Delta R.T. -0.007 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

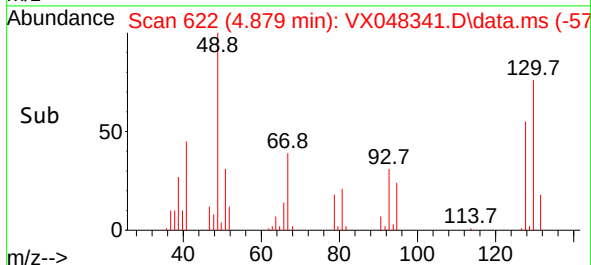
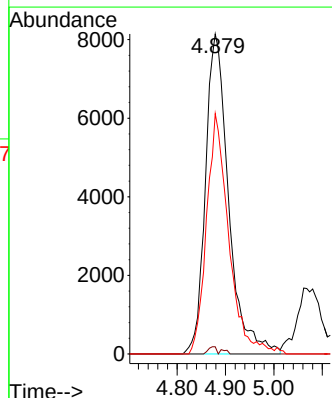
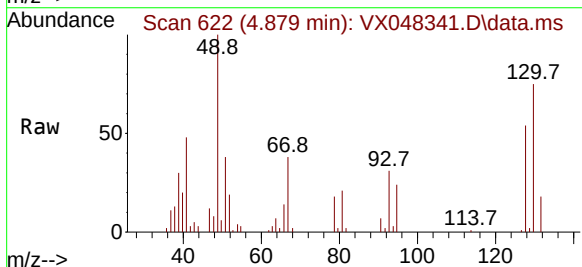
Tgt Ion: 49 Resp: 27053

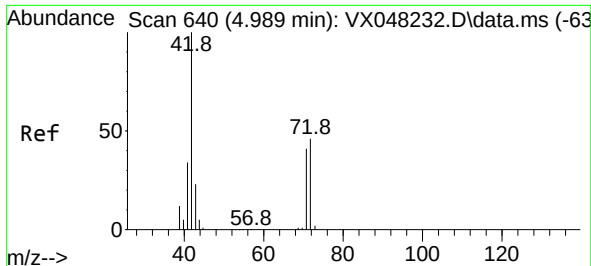
Ion Ratio Lower Upper

49 100

129 0.8 0.0 4.4

130 71.8 59.3 88.9





#29

Tetrahydrofuran

Concen: 97.222 ug/l

RT: 4.982 min Scan# 61

Delta R.T. -0.007 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

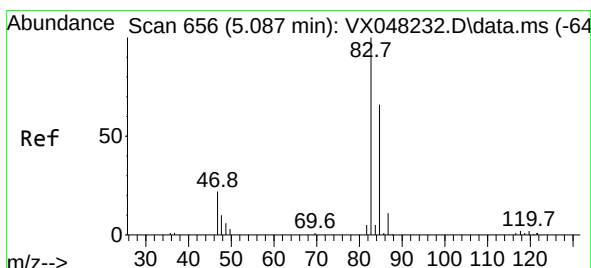
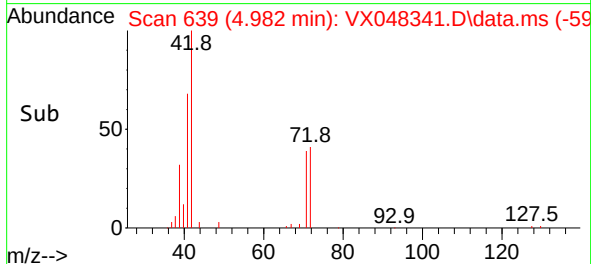
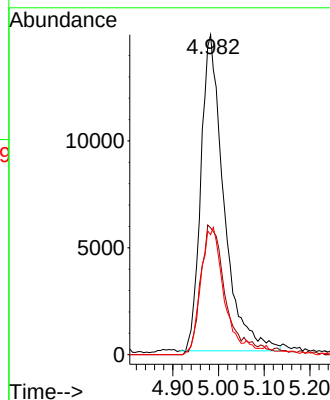
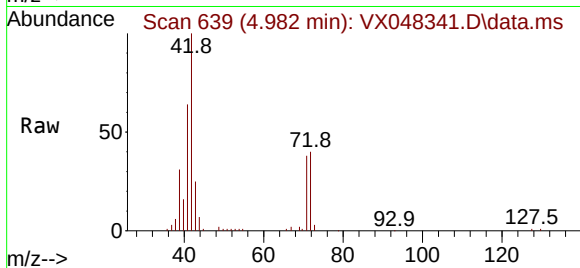
Tgt Ion: 42 Resp: 51748

Ion Ratio Lower Upper

42 100

72 45.0 35.3 52.9

71 39.6 32.2 48.4



#30

Chloroform

Concen: 20.797 ug/l

RT: 5.074 min Scan# 654

Delta R.T. -0.007 min

Lab File: VX048341.D

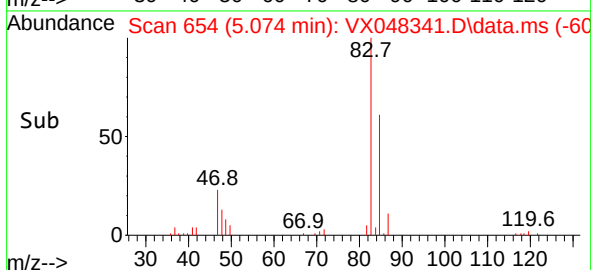
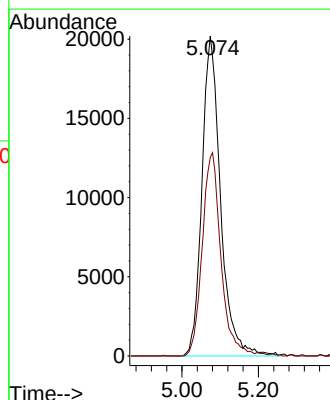
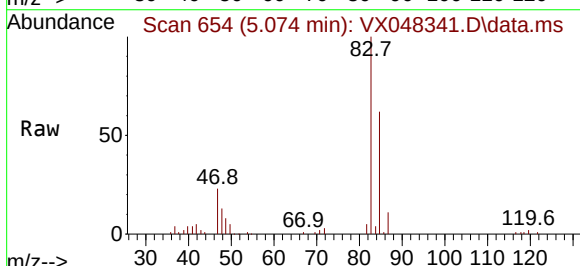
Acq: 24 Oct 2025 10:15

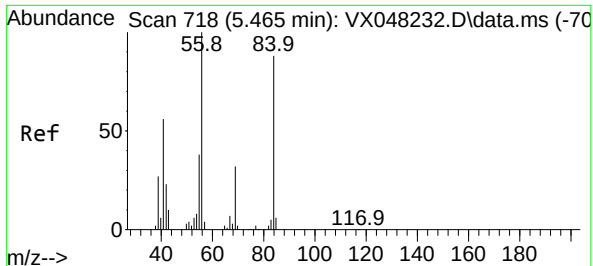
Tgt Ion: 83 Resp: 68186

Ion Ratio Lower Upper

83 100

85 62.1 50.1 75.1

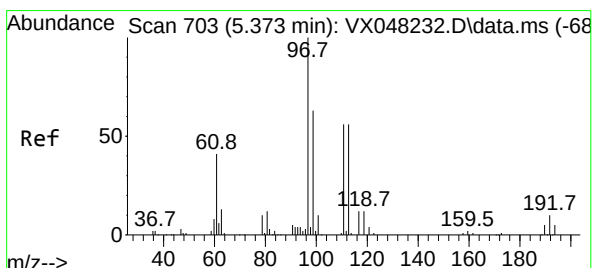
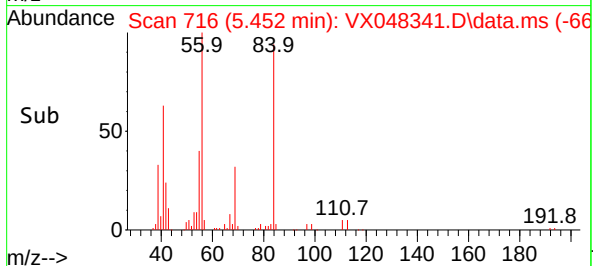
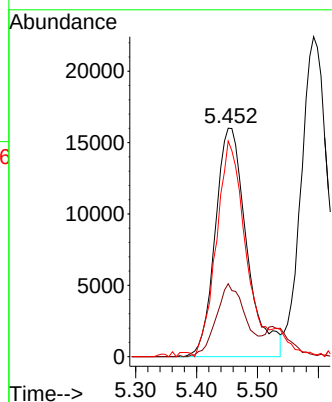
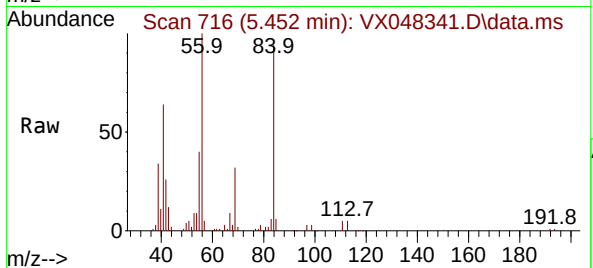




#31
Cyclohexane
Concen: 22.616 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

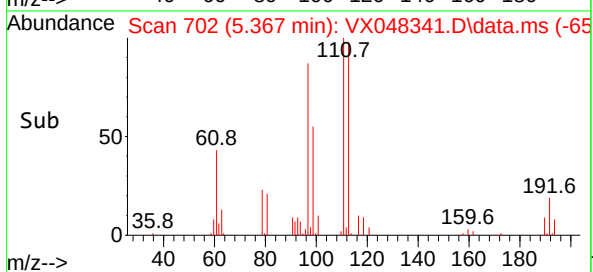
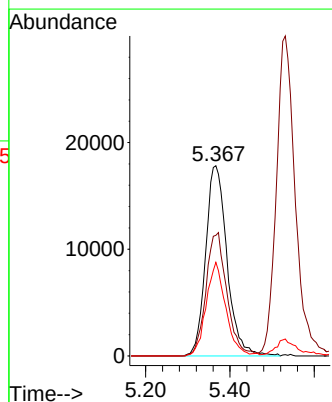
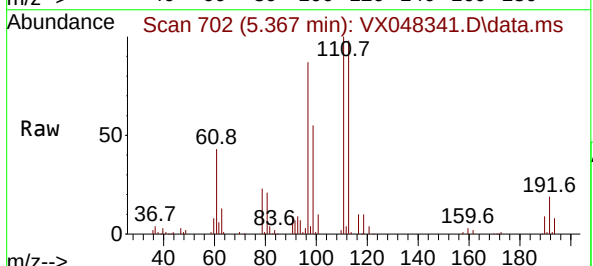
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

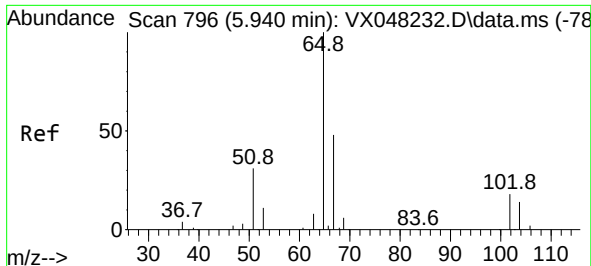
Tgt Ion: 56 Resp: 57458
Ion Ratio Lower Upper
56 100
69 31.5 23.0 34.6
84 92.6 64.6 97.0



#32
1,1,1-Trichloroethane
Concen: 20.816 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 97 Resp: 62899
Ion Ratio Lower Upper
97 100
99 63.6 51.7 77.5
61 45.0 34.8 52.2





#33

1,2-Dichloroethane-d4

Concen: 51.275 ug/l

RT: 5.933 min Scan# 796

Delta R.T. -0.007 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

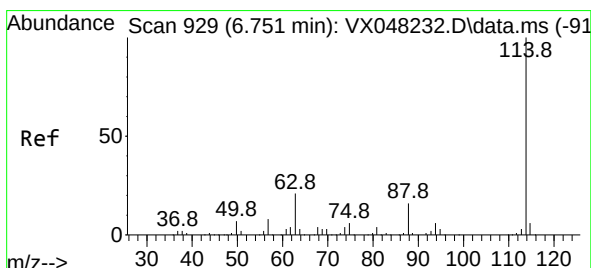
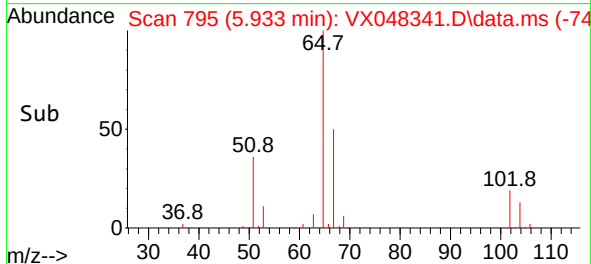
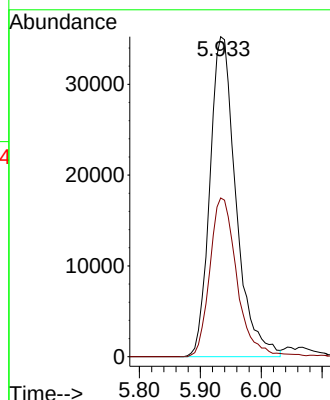
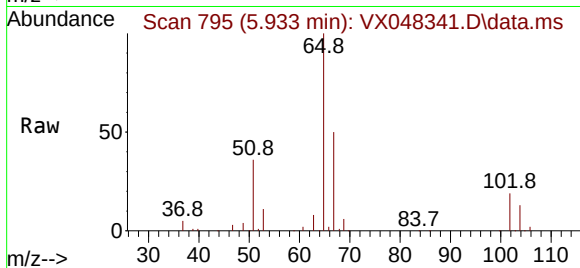
VX1024WBS01

Tgt Ion: 65 Resp: 104947

Ion Ratio Lower Upper

65 100

67 51.5 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.744 min Scan# 928

Delta R.T. -0.001 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

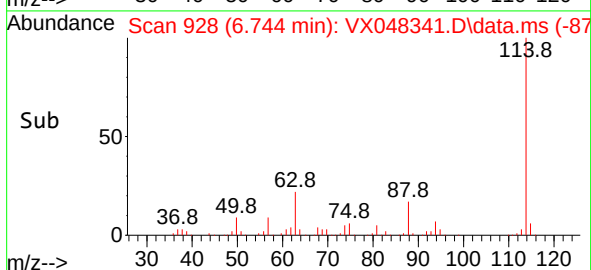
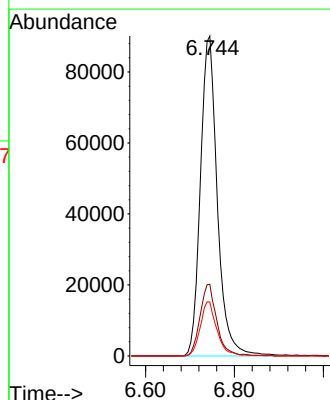
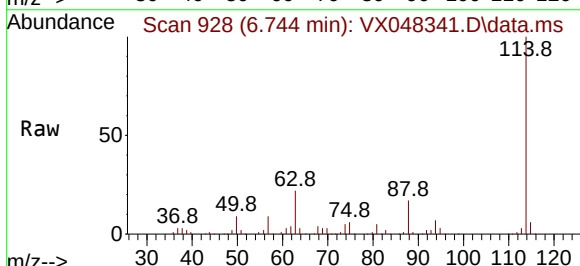
Tgt Ion: 114 Resp: 238661

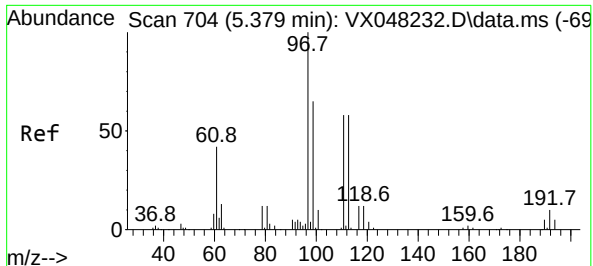
Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.2

88 16.9 0.0 33.6

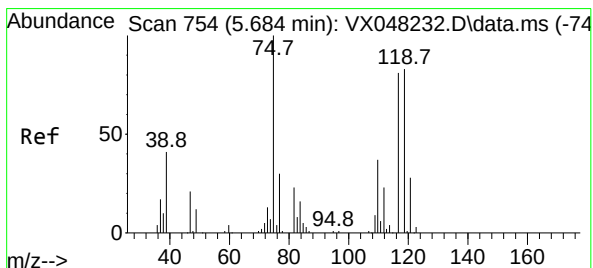
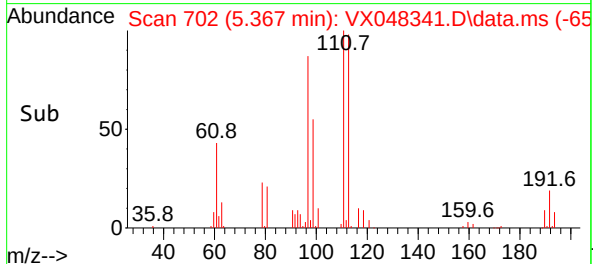
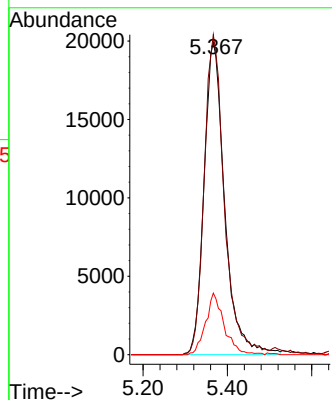
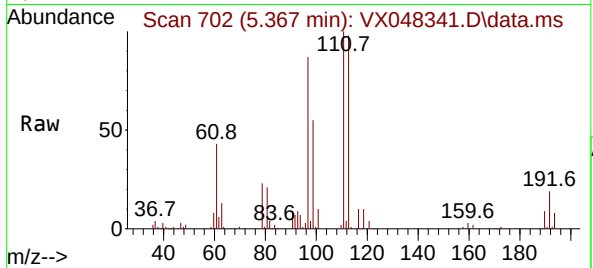




#35
Dibromofluoromethane
Concen: 41.564 ug/l
RT: 5.367 min Scan# 704
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

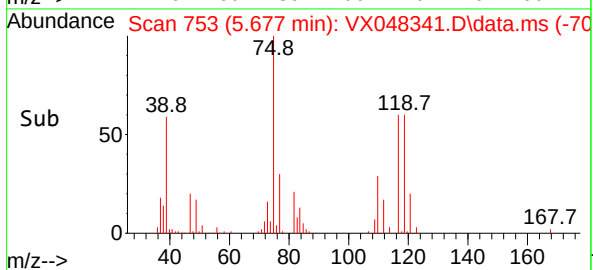
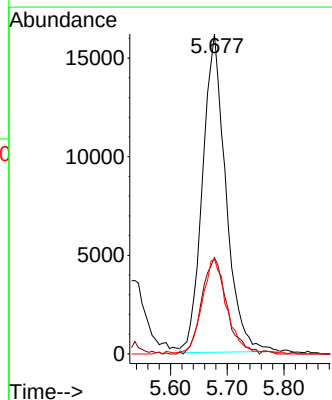
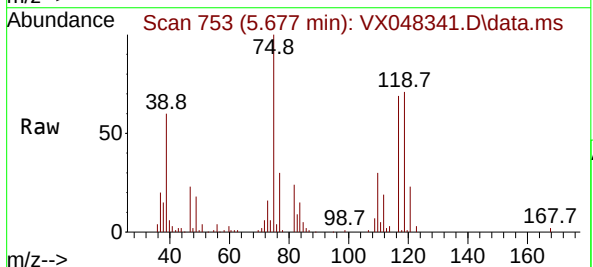
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

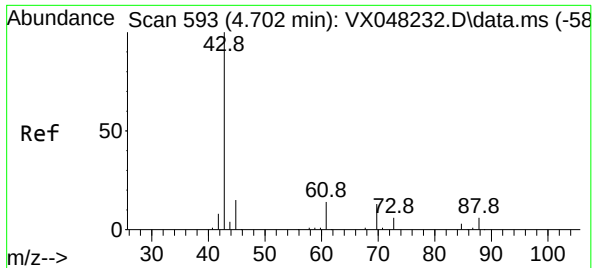
Tgt Ion:113 Resp: 67722
Ion Ratio Lower Upper
113 100
111 99.9 82.2 123.4
192 17.8 15.1 22.7



#36
1,1-Dichloropropene
Concen: 19.958 ug/l
RT: 5.677 min Scan# 753
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 75 Resp: 46219
Ion Ratio Lower Upper
75 100
110 32.2 17.7 53.1
77 32.0 24.3 36.5





#37

Ethyl Acetate

Concen: 21.391 ug/l

RT: 4.690 min Scan# 591

Delta R.T. -0.007 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

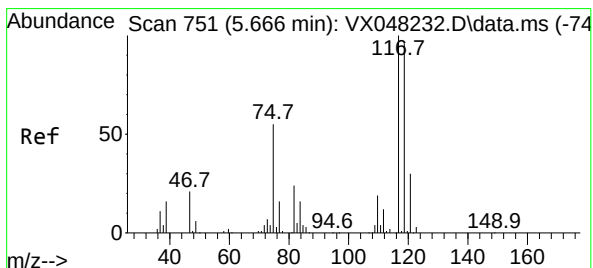
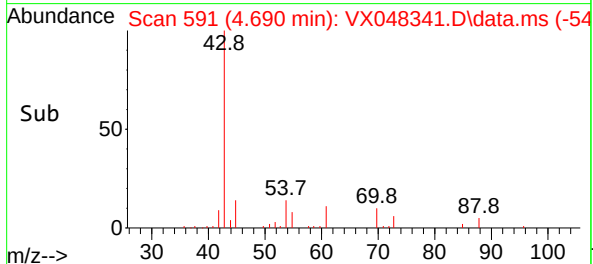
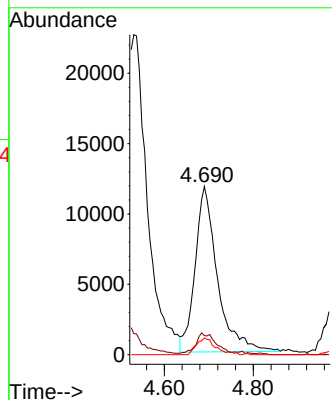
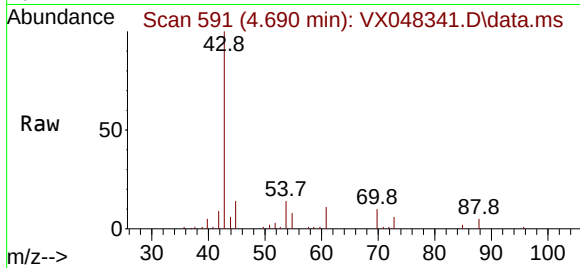
Tgt Ion: 43 Resp: 41061

Ion Ratio Lower Upper

43 100

61 10.3 10.6 15.8#

70 8.6 7.8 11.6



#38

Carbon Tetrachloride

Concen: 18.522 ug/l

RT: 5.659 min Scan# 750

Delta R.T. -0.007 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

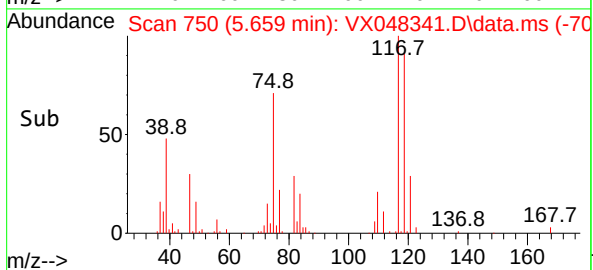
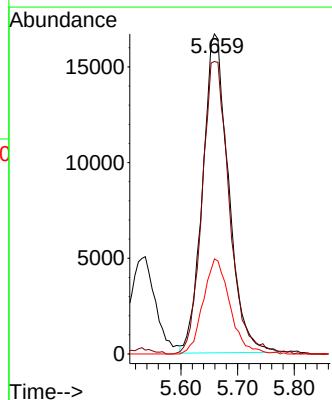
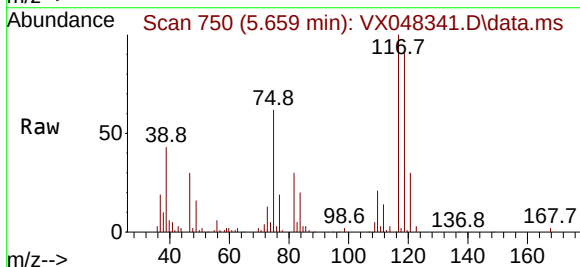
Tgt Ion: 117 Resp: 52919

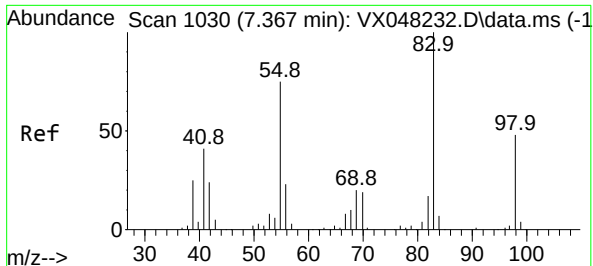
Ion Ratio Lower Upper

117 100

119 91.2 77.2 115.8

121 29.8 24.8 37.2





#39

Methylcyclohexane

Concen: 20.823 ug/l

RT: 7.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

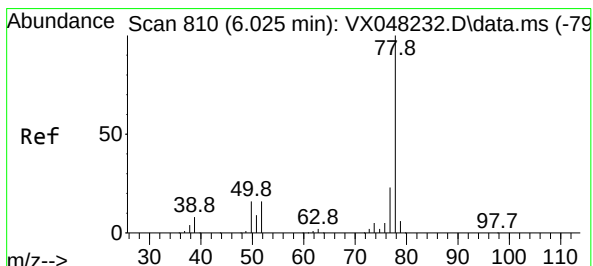
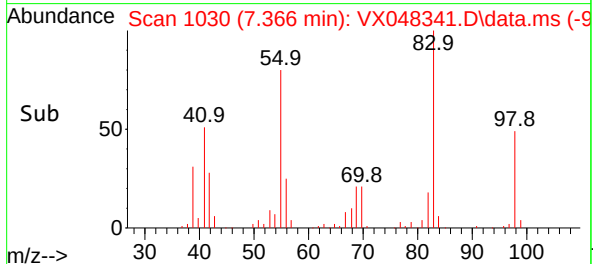
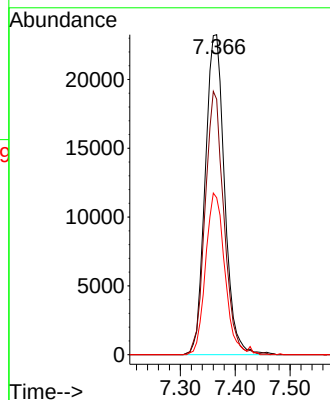
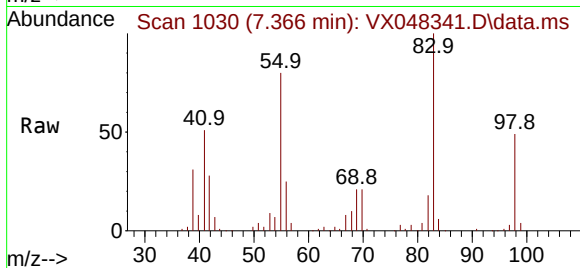
Tgt Ion: 83 Resp: 56949

Ion Ratio Lower Upper

83 100

55 79.8 66.2 99.2

98 49.1 38.9 58.3



#40

Benzene

Concen: 20.165 ug/l

RT: 6.019 min Scan# 809

Delta R.T. -0.007 min

Lab File: VX048341.D

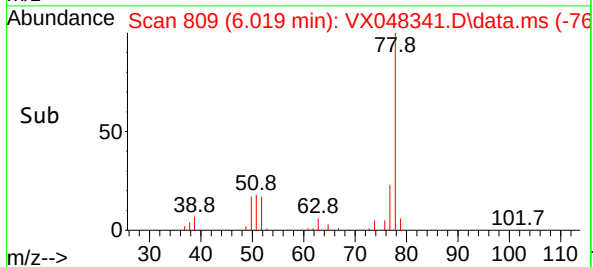
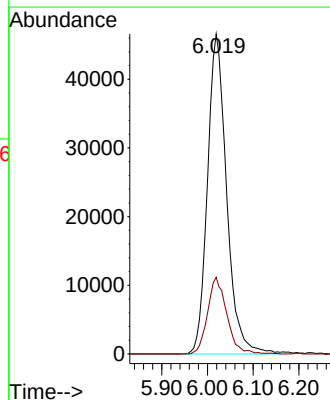
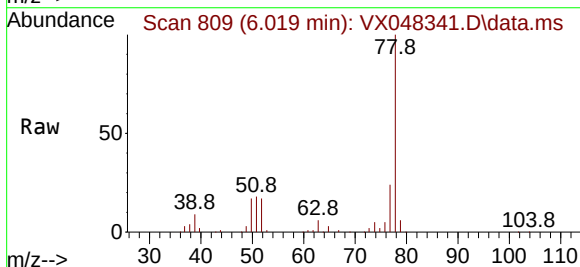
Acq: 24 Oct 2025 10:15

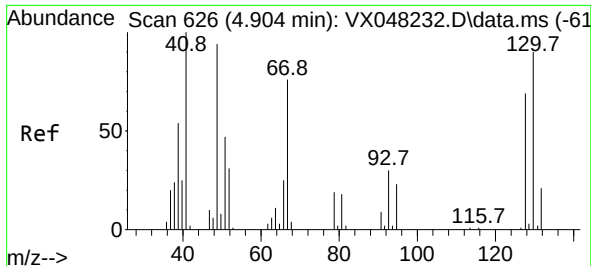
Tgt Ion: 78 Resp: 135581

Ion Ratio Lower Upper

78 100

77 24.0 19.3 28.9



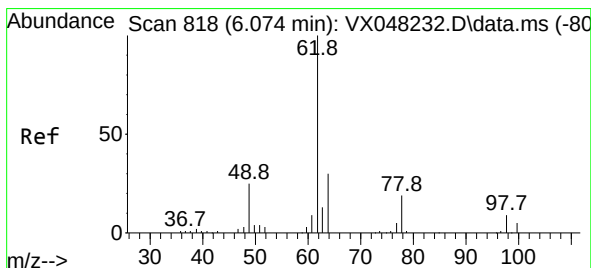
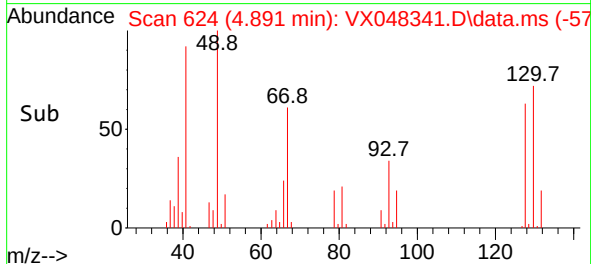
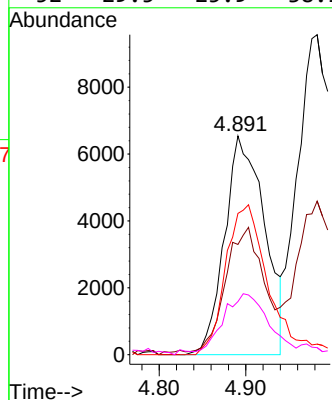
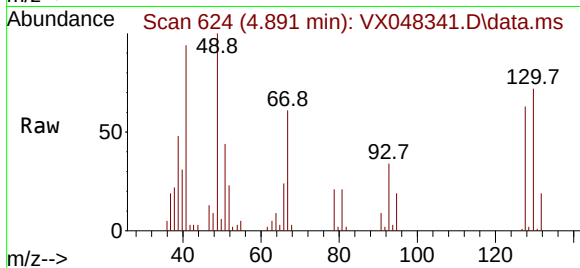


#41
Methacrylonitrile
Concen: 20.817 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.013 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

Tgt Ion: 41 Resp: 20984

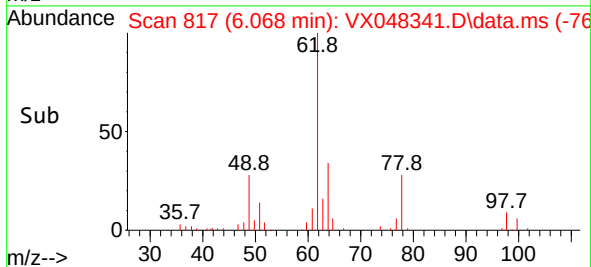
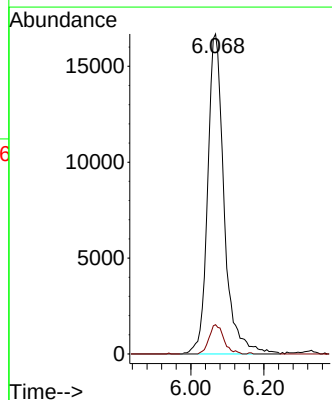
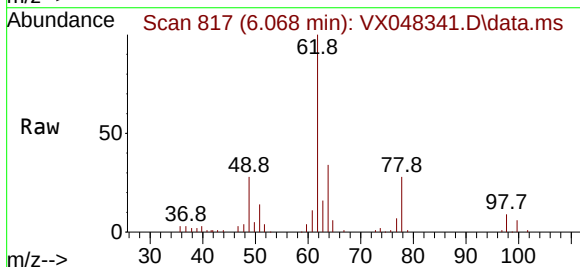
Ion	Ratio	Lower	Upper
41	100		
39	53.4	44.0	66.0
67	73.4	58.7	88.1
52	29.5	25.9	38.9

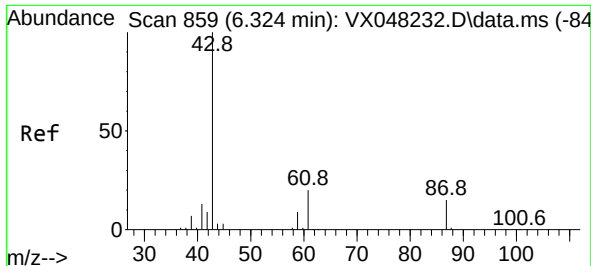


#42
1,2-Dichloroethane
Concen: 20.965 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 62 Resp: 52014

Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	17.2

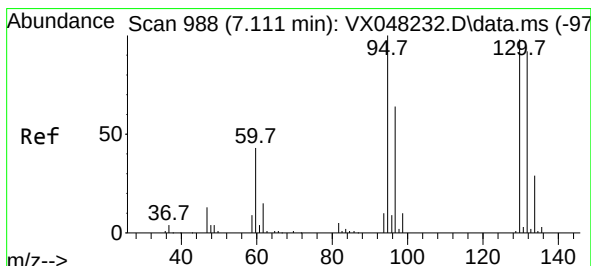
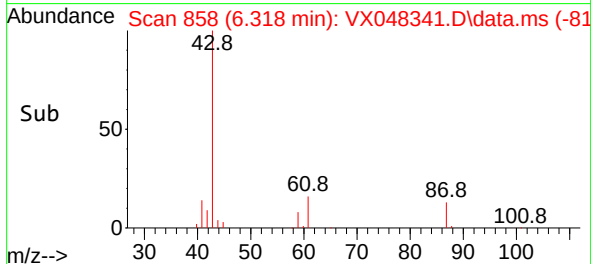
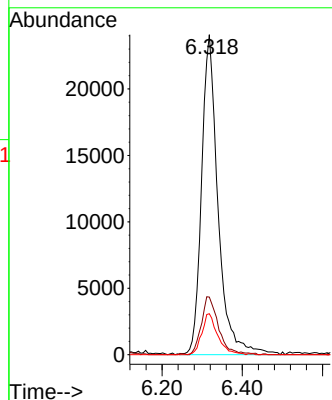
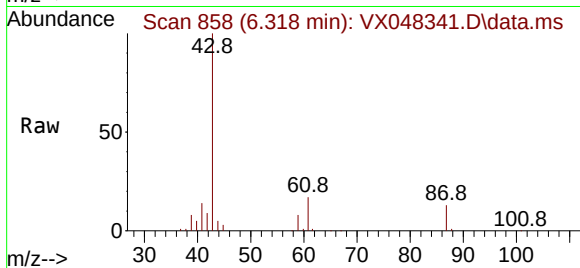




#43
Isopropyl Acetate
Concen: 21.807 ug/l
RT: 6.318 min Scan# 858
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

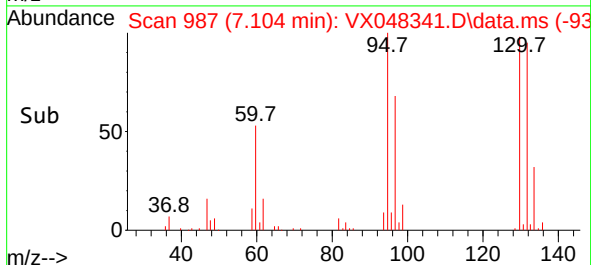
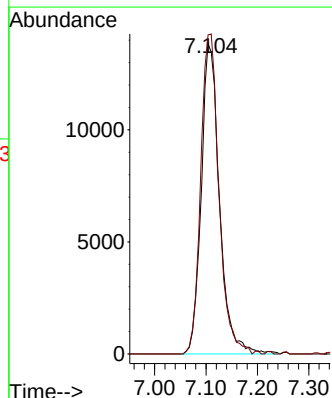
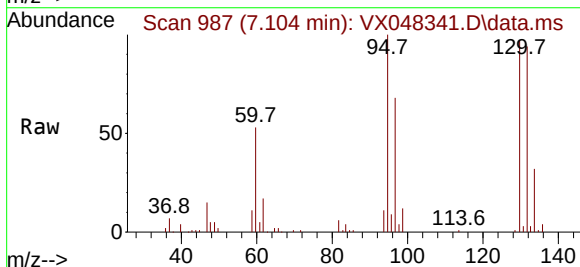
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

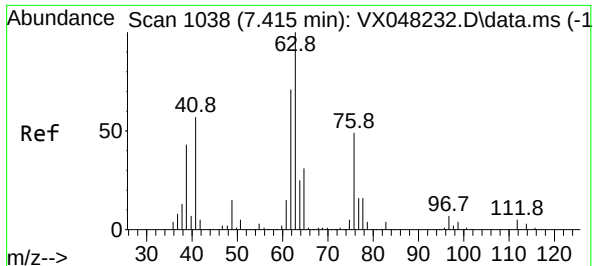
Tgt Ion: 43 Resp: 68756
Ion Ratio Lower Upper
43 100
61 18.8 14.9 22.3
87 12.3 9.4 14.2



#44
Trichloroethene
Concen: 19.247 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 130 Resp: 34170
Ion Ratio Lower Upper
130 100
95 102.8 0.0 200.6





#45

1,2-Dichloropropane

Concen: 20.781 ug/l

RT: 7.409 min Scan# 1037

Delta R.T. -0.007 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

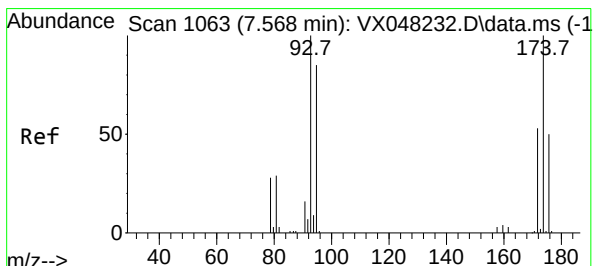
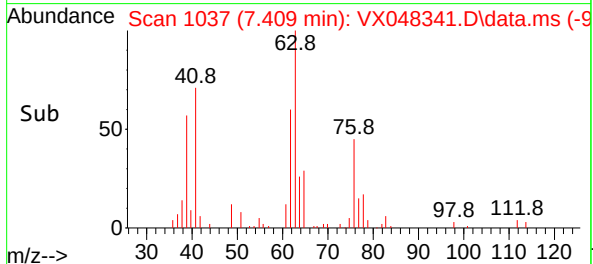
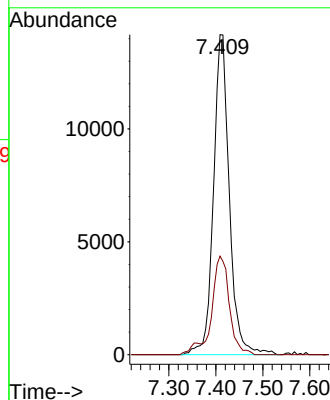
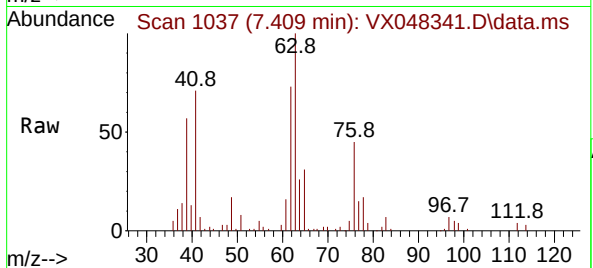
VX1024WBS01

Tgt Ion: 63 Resp: 33220

Ion Ratio Lower Upper

63 100

65 30.8 24.1 36.1



#46

Dibromomethane

Concen: 19.873 ug/l

RT: 7.561 min Scan# 1062

Delta R.T. -0.007 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

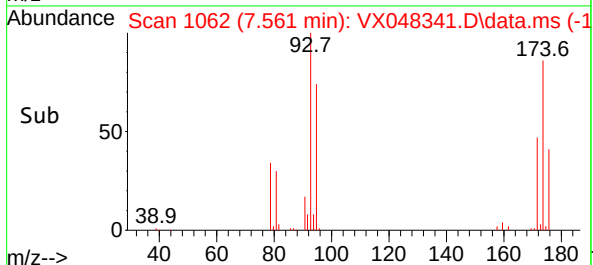
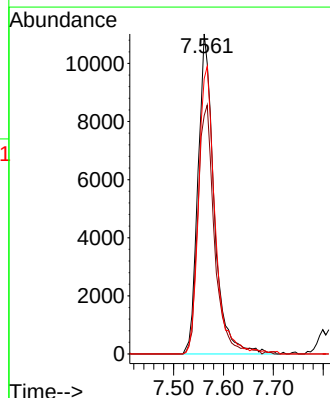
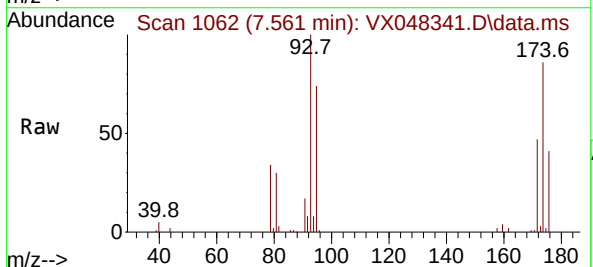
Tgt Ion: 93 Resp: 24750

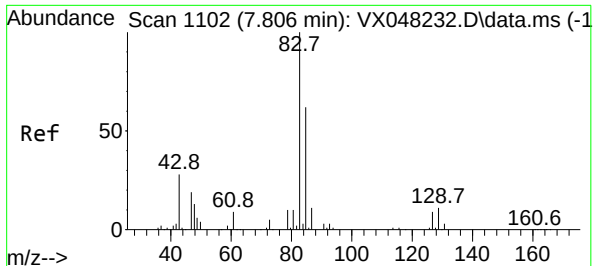
Ion Ratio Lower Upper

93 100

95 80.1 65.9 98.9

174 91.2 71.7 107.5

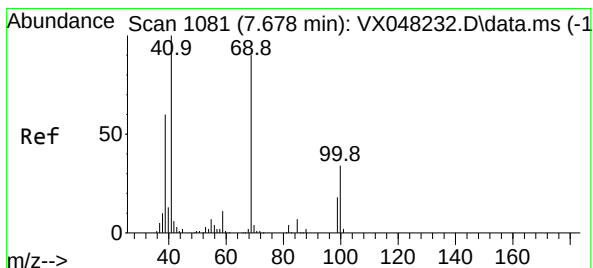
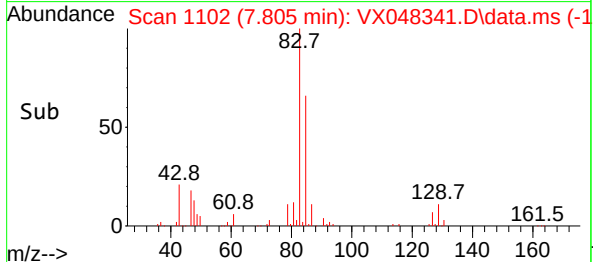
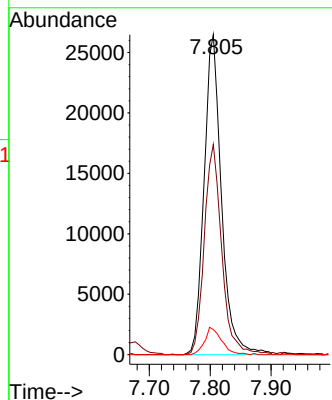
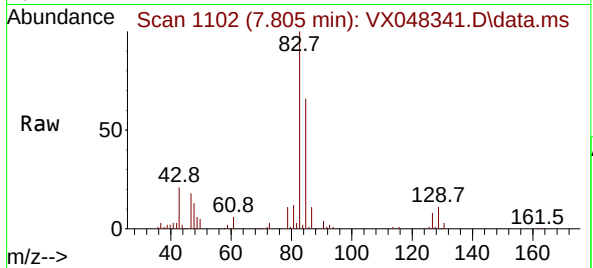




#47
Bromodichloromethane
Concen: 19.571 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

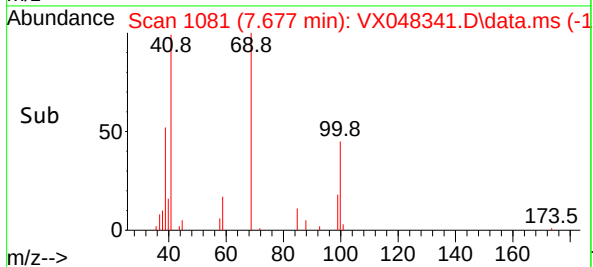
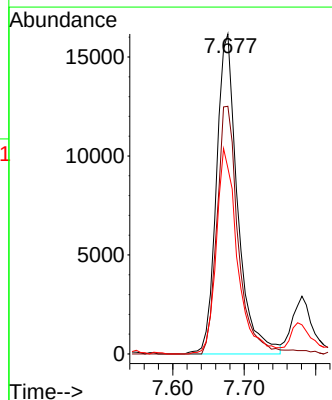
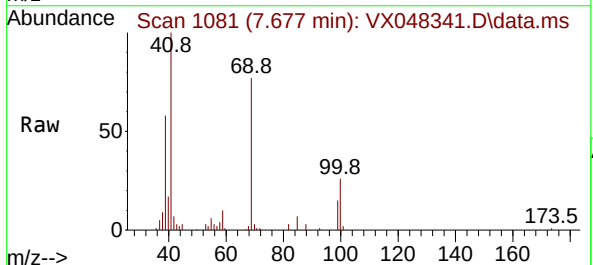
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

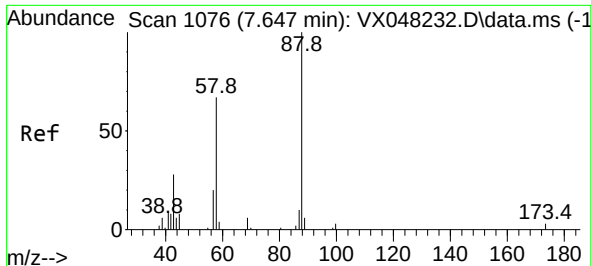
Tgt Ion: 83 Resp: 52628
Ion Ratio Lower Upper
83 100
85 65.7 52.2 78.4
127 7.8 7.3 10.9



#48
Methyl methacrylate
Concen: 20.939 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 41 Resp: 33315
Ion Ratio Lower Upper
41 100
69 78.2 63.4 95.0
39 64.2 47.1 70.7

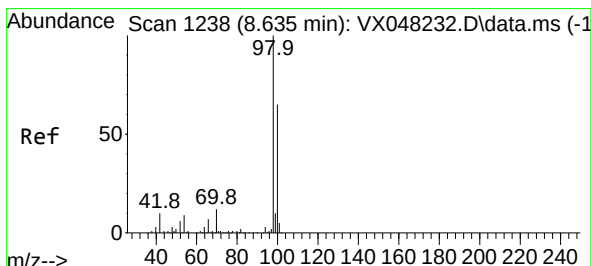
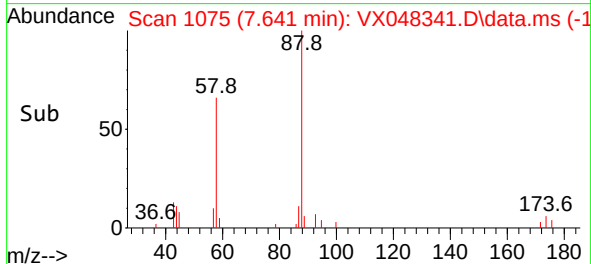
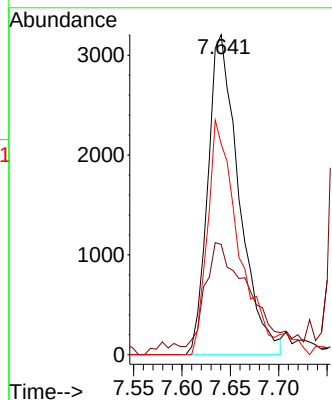
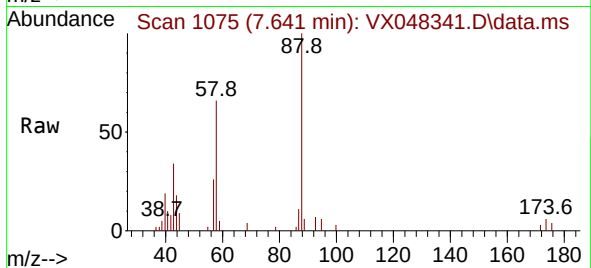




#49
1,4-Dioxane
Concen: 341.585 ug/l
RT: 7.641 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

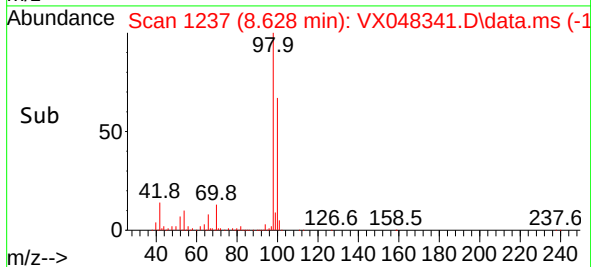
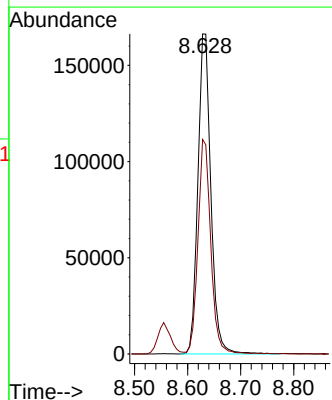
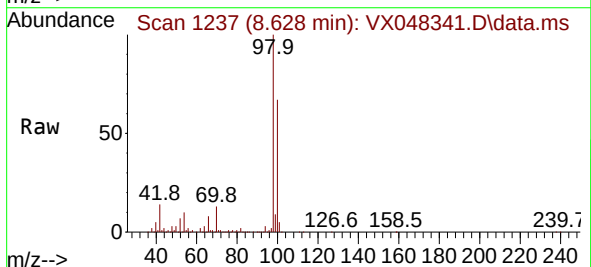
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

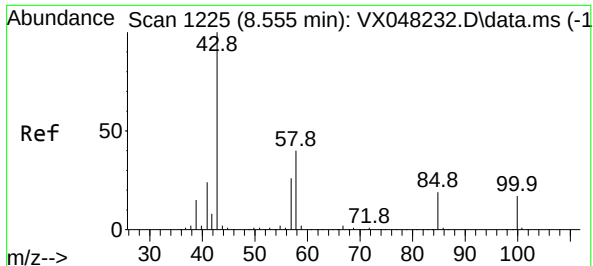
Tgt Ion: 88 Resp: 7180
Ion Ratio Lower Upper
88 100
43 44.0 35.0 52.4
58 72.1 61.9 92.9



#50
Toluene-d8
Concen: 49.629 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 98 Resp: 283427
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.4

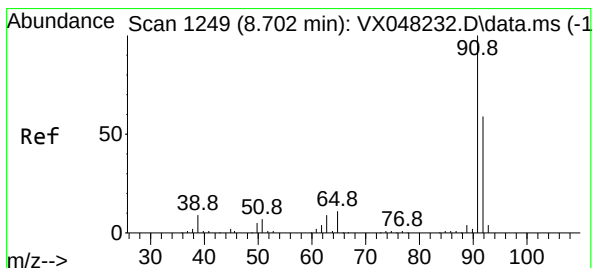
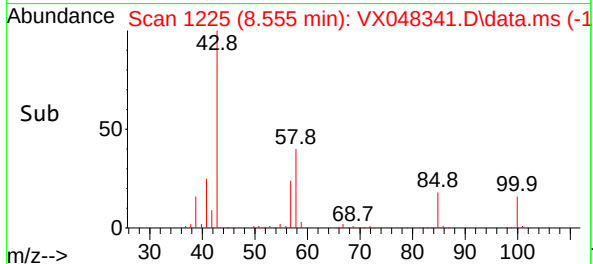
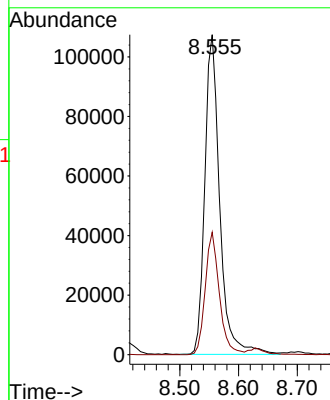
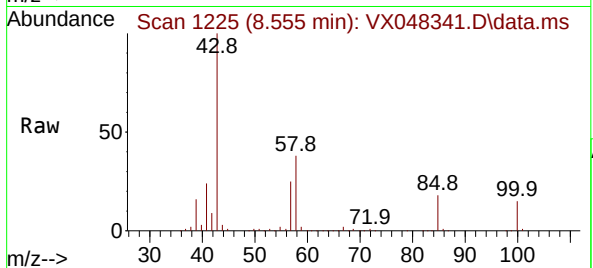




#51
4-Methyl-2-Pentanone
Concen: 104.240 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

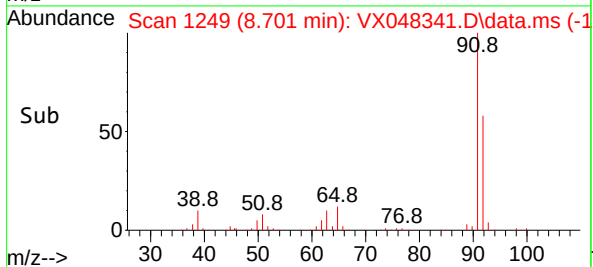
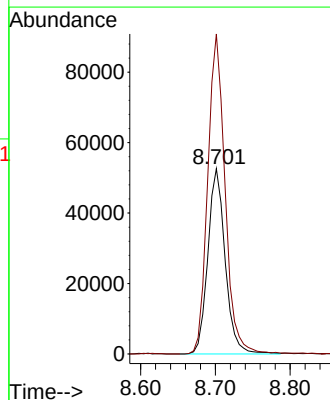
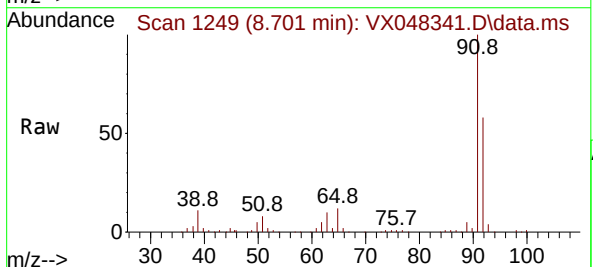
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

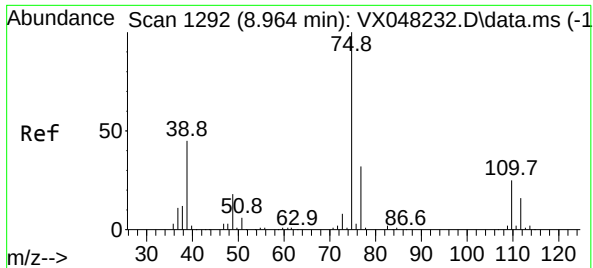
Tgt Ion: 43 Resp: 189499
Ion Ratio Lower Upper
43 100
58 36.4 29.5 44.3



#52
Toluene
Concen: 19.859 ug/l
RT: 8.701 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 92 Resp: 84824
Ion Ratio Lower Upper
92 100
91 173.0 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 19.129 ug/l

RT: 8.963 min Scan# 1191

Delta R.T. -0.000 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

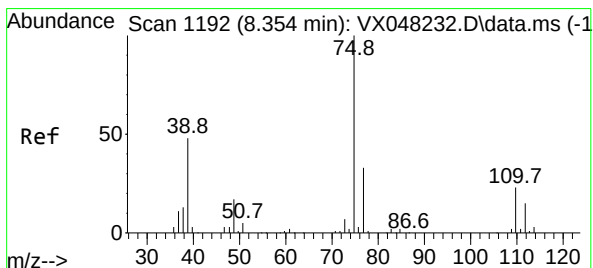
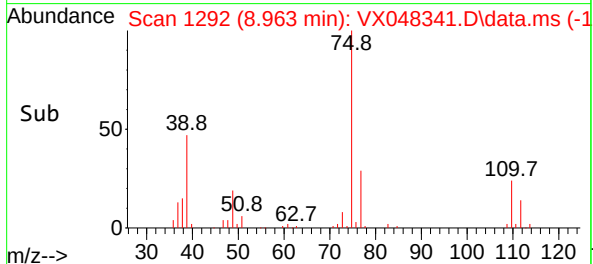
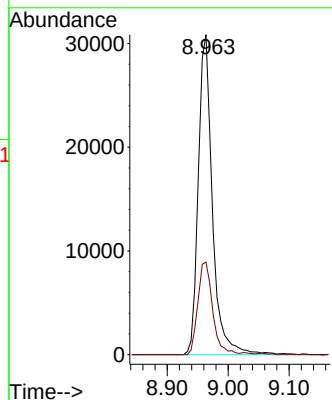
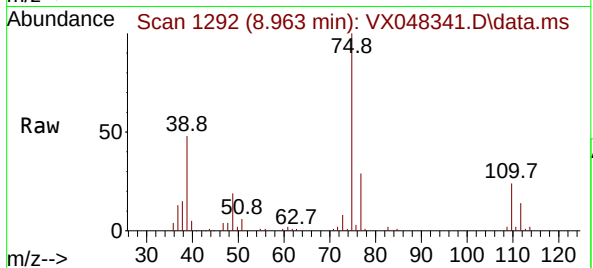
VX1024WBS01

Tgt Ion: 75 Resp: 49569

Ion Ratio Lower Upper

75 100

77 28.9 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 18.668 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. -0.000 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

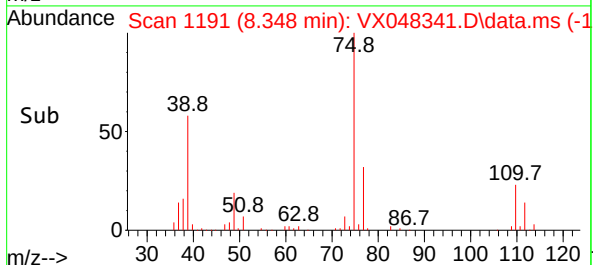
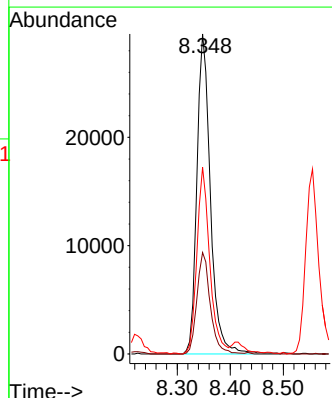
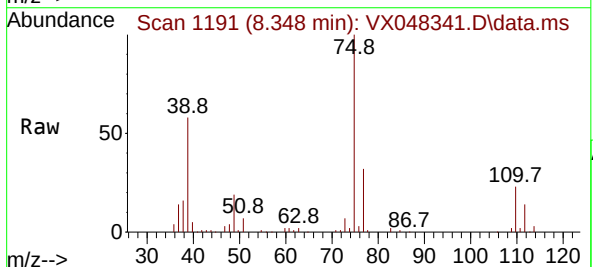
Tgt Ion: 75 Resp: 52191

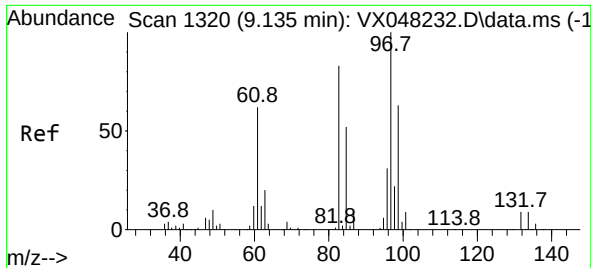
Ion Ratio Lower Upper

75 100

77 31.7 24.9 37.3

39 58.2 42.6 64.0

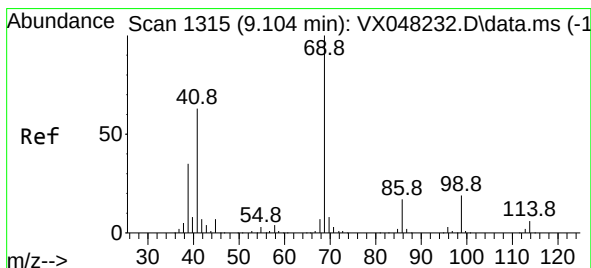
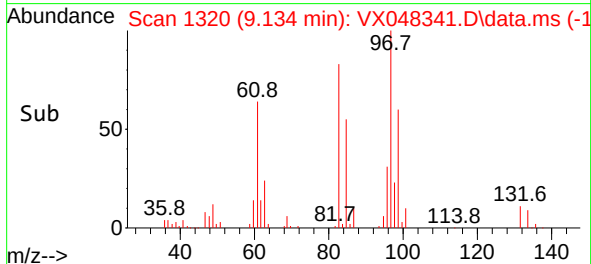
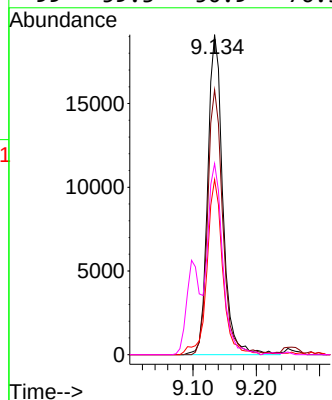
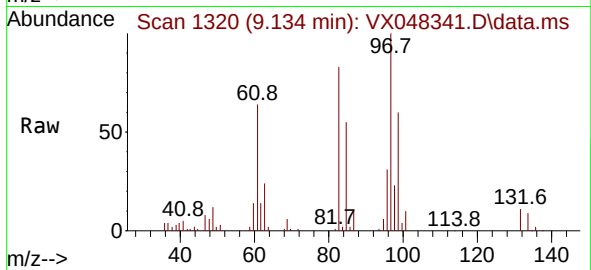




#55
 1,1,2-Trichloroethane
 Concen: 19.991 ug/l
 RT: 9.134 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048341.D
 Acq: 24 Oct 2025 10:15

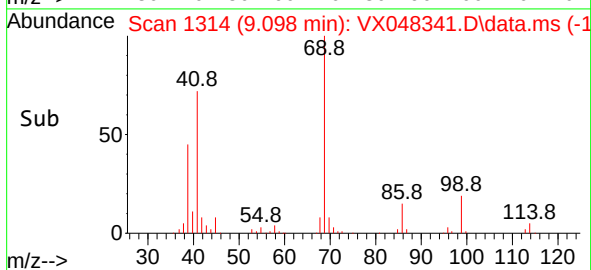
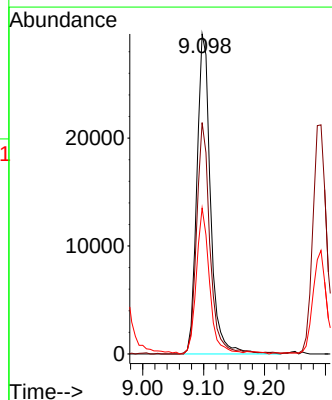
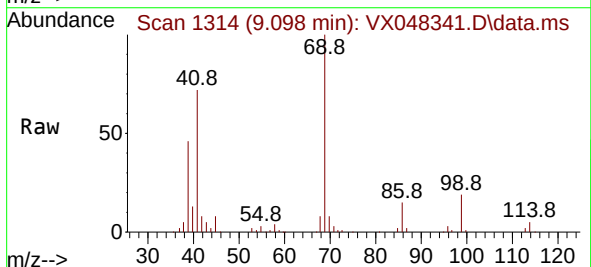
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS01

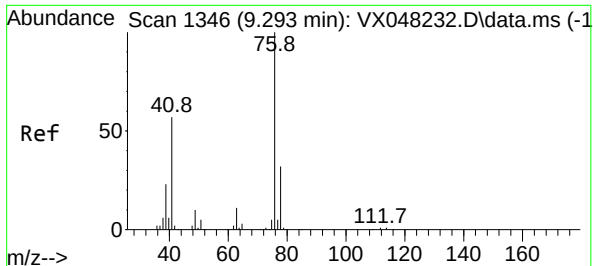
Tgt Ion: 97	Resp: 31755
Ion Ratio	Lower Upper
97 100	
83 82.8	70.6 105.8
85 54.7	45.0 67.6
99 59.3	50.9 76.3



#56
 Ethyl methacrylate
 Concen: 19.789 ug/l
 RT: 9.098 min Scan# 1314
 Delta R.T. -0.000 min
 Lab File: VX048341.D
 Acq: 24 Oct 2025 10:15

Tgt Ion: 69	Resp: 45976
Ion Ratio	Lower Upper
69 100	
41 71.0	56.0 84.0
39 44.1	31.6 47.4





#57

1,3-Dichloropropane

Concen: 19.729 ug/l

RT: 9.293 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

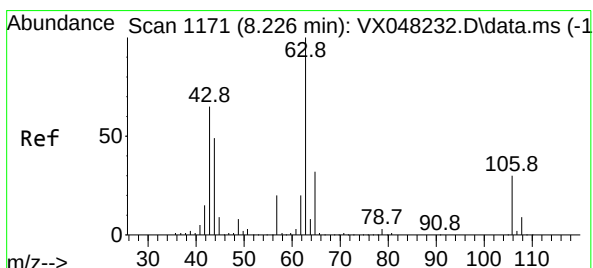
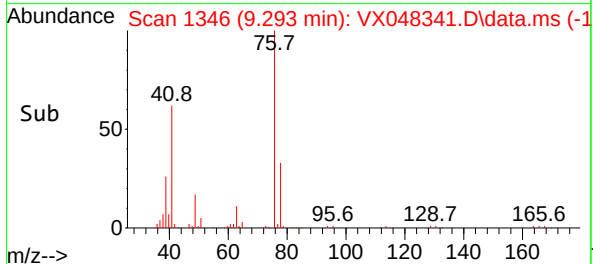
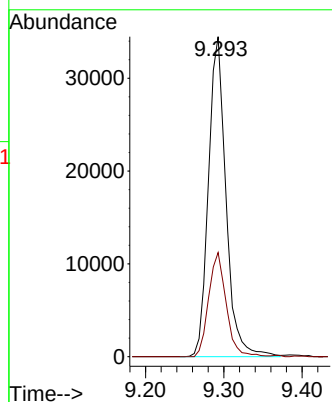
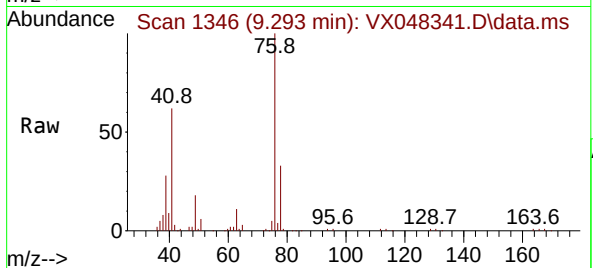
VX1024WBS01

Tgt Ion: 76 Resp: 53530

Ion Ratio Lower Upper

76 100

78 32.6 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 96.012 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. -0.000 min

Lab File: VX048341.D

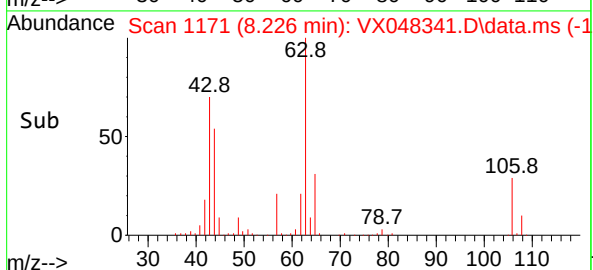
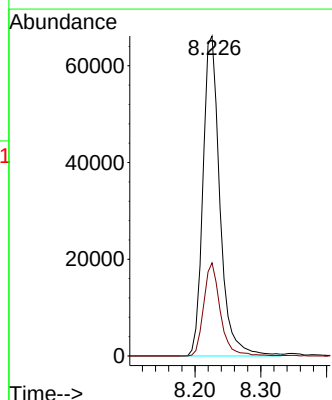
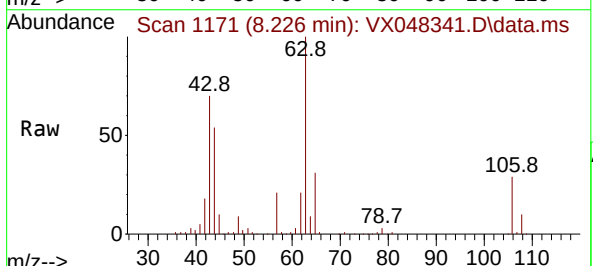
Acq: 24 Oct 2025 10:15

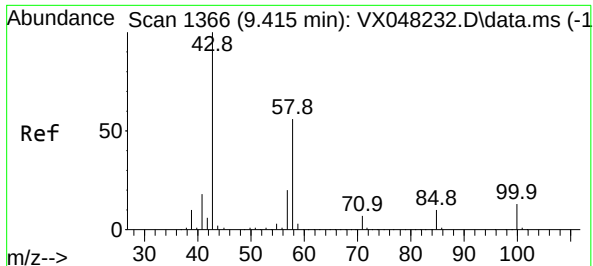
Tgt Ion: 63 Resp: 118629

Ion Ratio Lower Upper

63 100

106 28.5 22.2 33.2

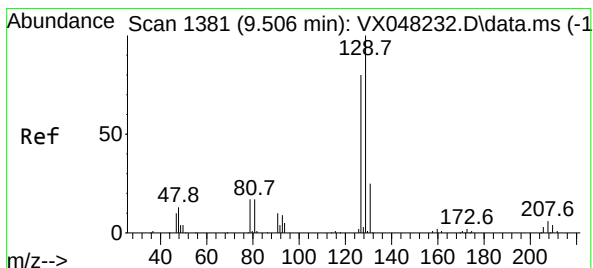
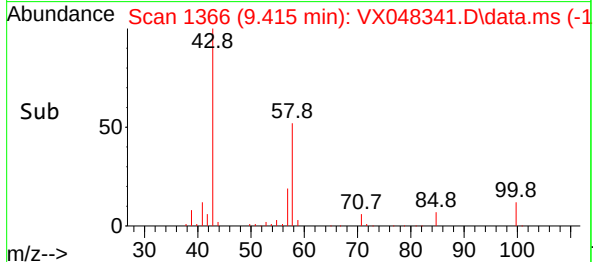
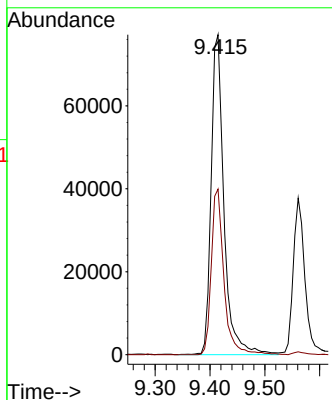
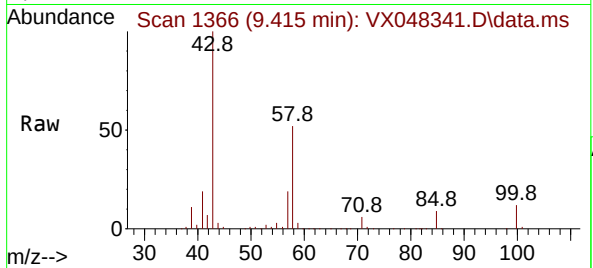




#59
2-Hexanone
Concen: 98.630 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

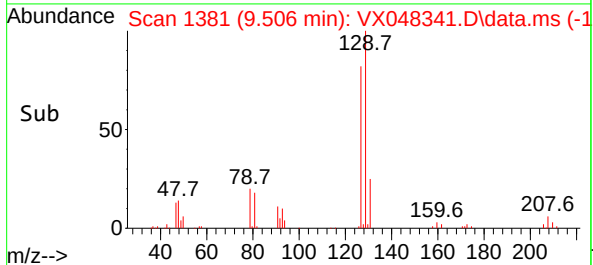
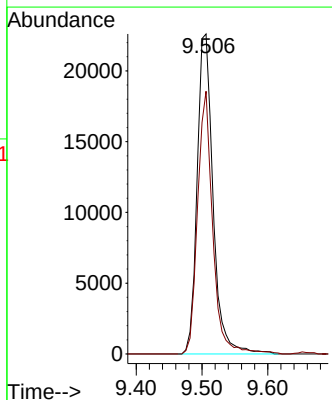
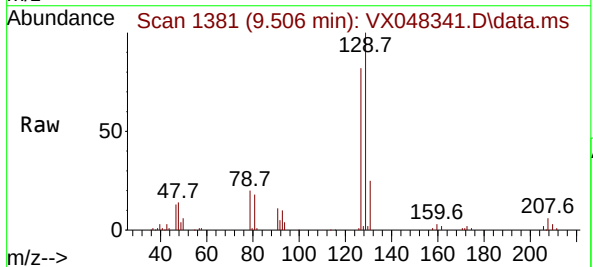
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

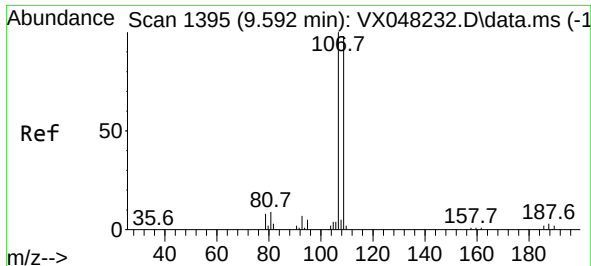
Tgt Ion: 43 Resp: 125025
Ion Ratio Lower Upper
43 100
58 51.1 26.3 78.8



#60
Dibromochloromethane
Concen: 17.861 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 129 Resp: 38132
Ion Ratio Lower Upper
129 100
127 78.1 38.6 115.7

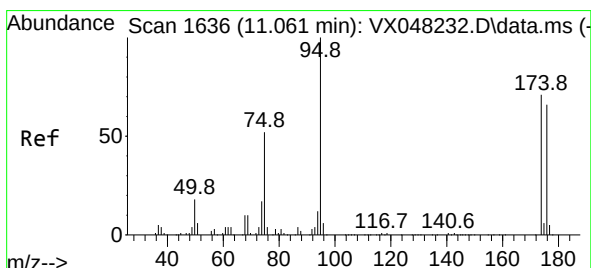
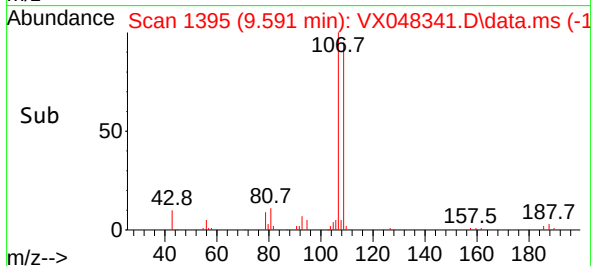
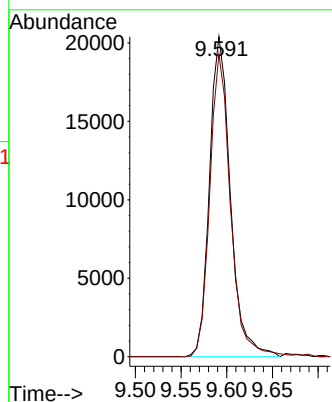
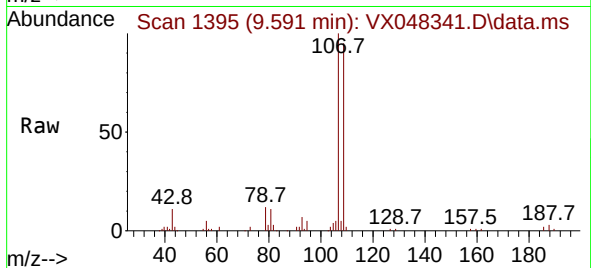




#61
1,2-Dibromoethane
Concen: 19.101 ug/l
RT: 9.591 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

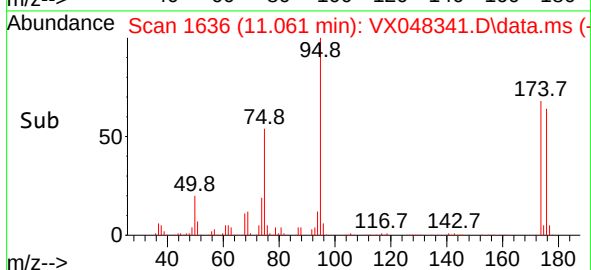
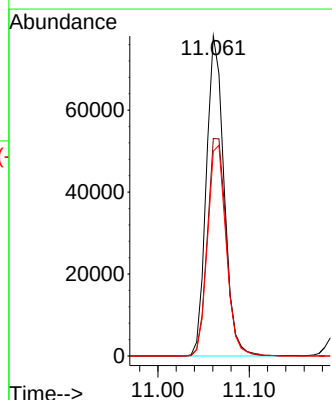
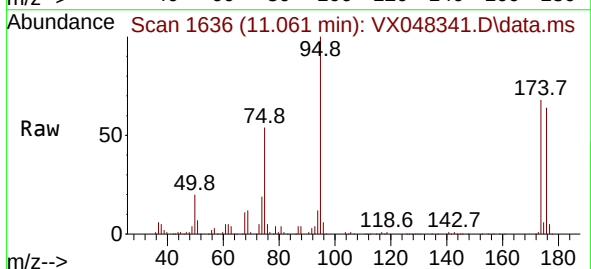
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

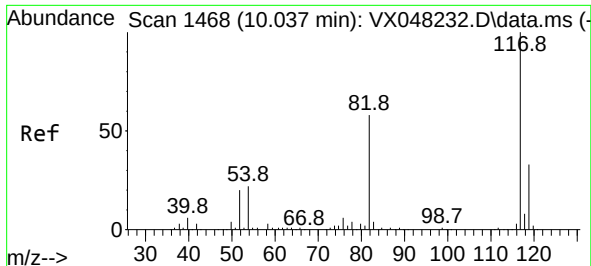
Tgt Ion:107 Resp: 32346
Ion Ratio Lower Upper
107 100
109 93.8 77.0 115.4



#62
4-Bromofluorobenzene
Concen: 48.334 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 95 Resp: 105010
Ion Ratio Lower Upper
95 100
174 72.9 0.0 147.8
176 69.1 0.0 142.8

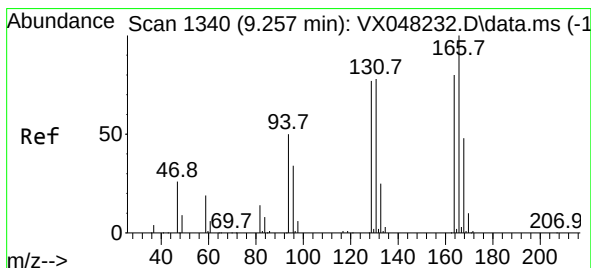
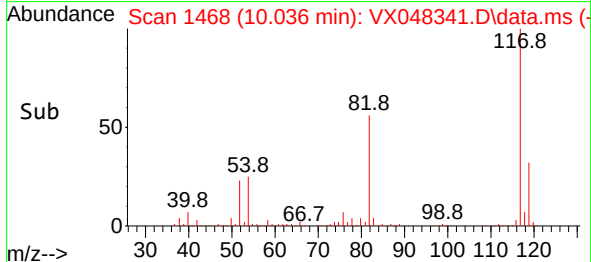
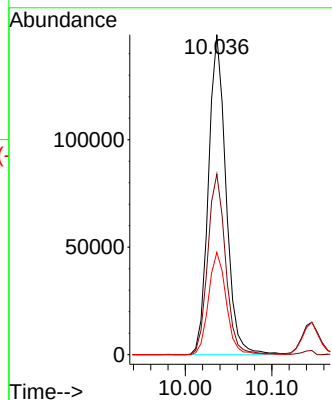
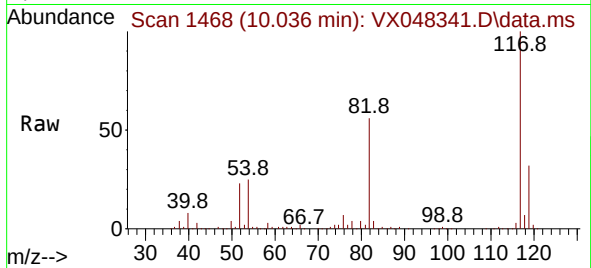




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

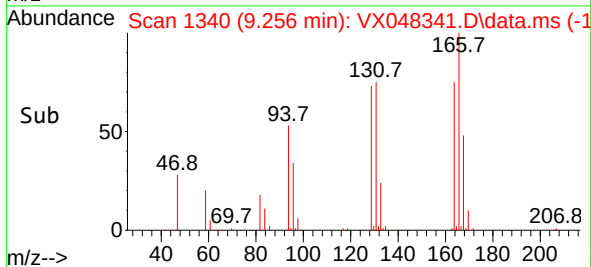
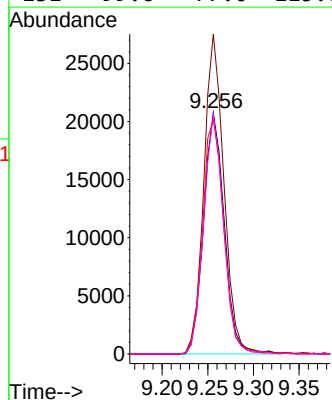
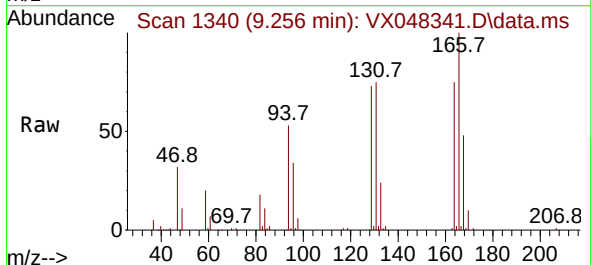
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

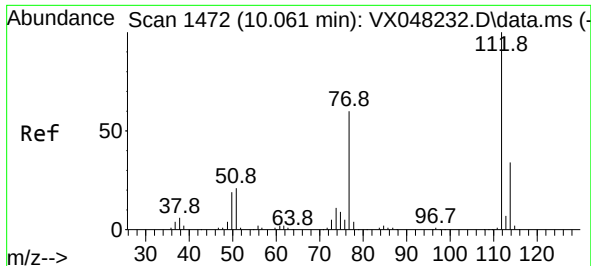
Tgt Ion:117 Resp: 208902
Ion Ratio Lower Upper
117 100
82 56.4 46.5 69.7
119 32.0 25.9 38.9



#64
Tetrachloroethene
Concen: 20.904 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:164 Resp: 32600
Ion Ratio Lower Upper
164 100
166 132.8 104.5 156.7
129 97.2 81.8 122.6
131 99.6 77.0 115.6

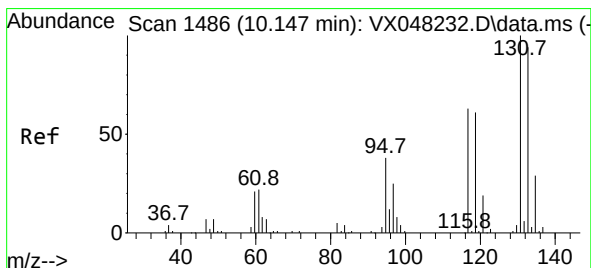
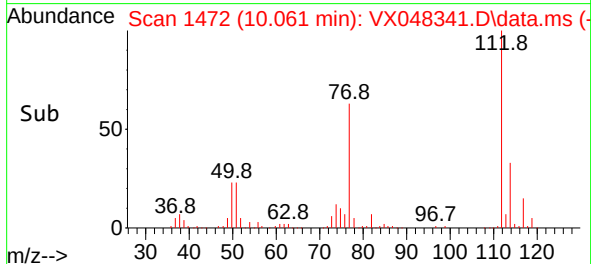
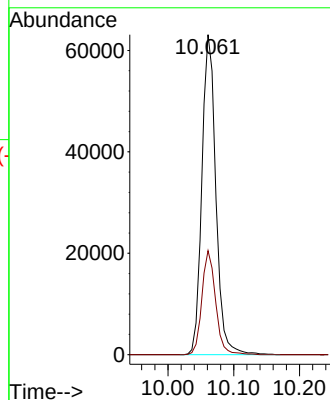
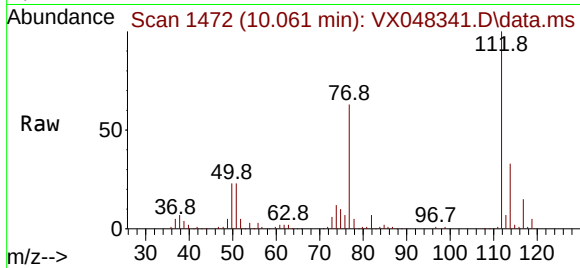




#65
Chlorobenzene
Concen: 19.844 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

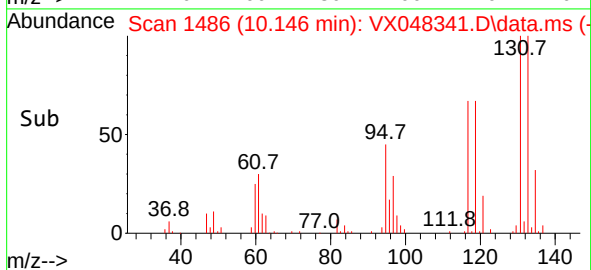
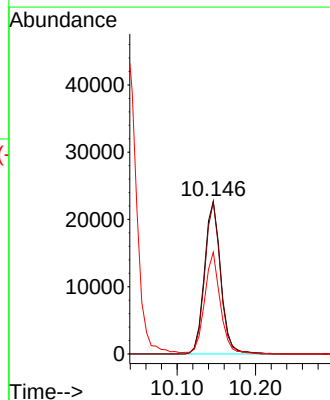
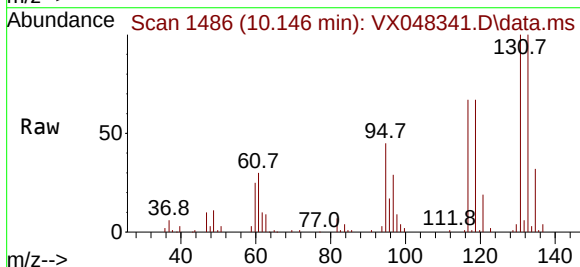
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

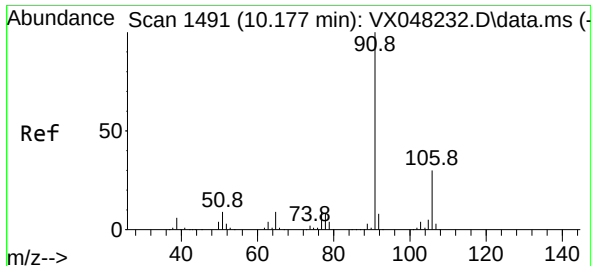
Tgt Ion:112 Resp: 93252
Ion Ratio Lower Upper
112 100
114 32.5 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 18.993 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:131 Resp: 32783
Ion Ratio Lower Upper
131 100
133 96.1 47.6 142.8
119 64.4 32.5 97.5





#67

Ethyl Benzene

Concen: 20.471 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

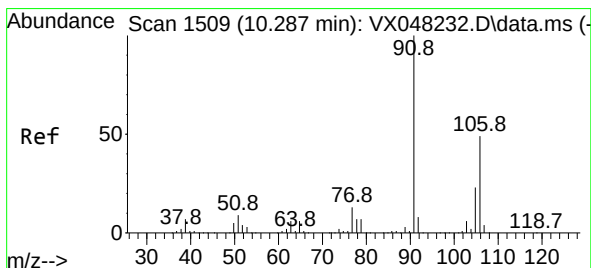
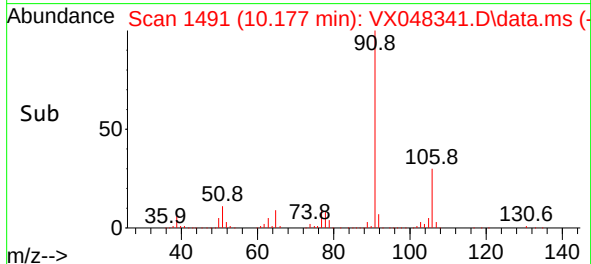
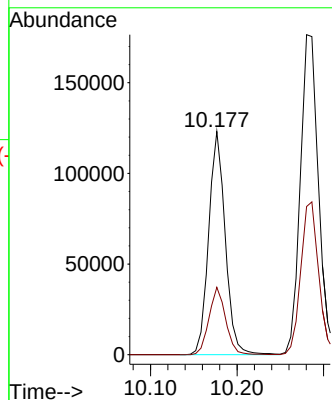
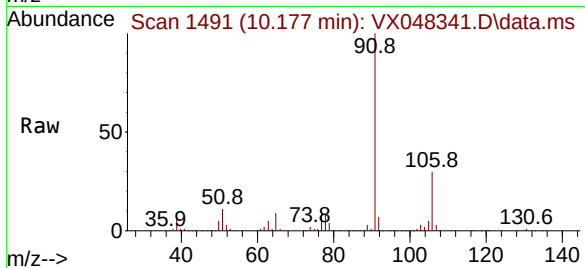
VX1024WBS01

Tgt Ion: 91 Resp: 163786

Ion Ratio Lower Upper

91 100

106 30.2 23.8 35.6



#68

m/p-Xylenes

Concen: 41.221 ug/l

RT: 10.286 min Scan# 1509

Delta R.T. -0.000 min

Lab File: VX048341.D

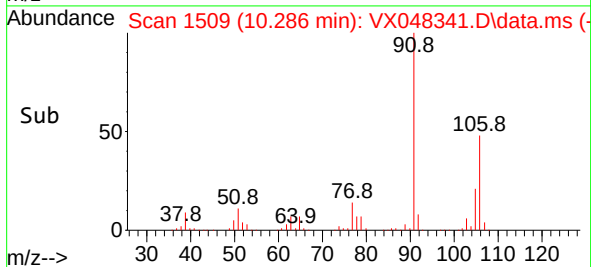
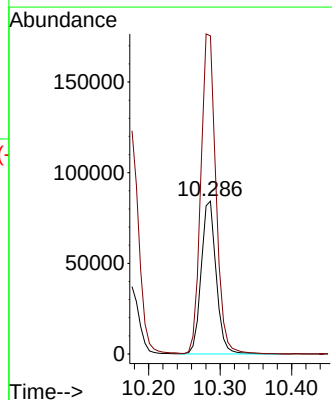
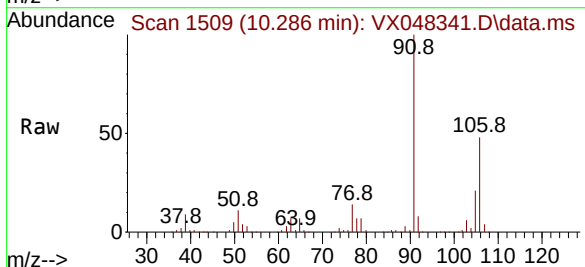
Acq: 24 Oct 2025 10:15

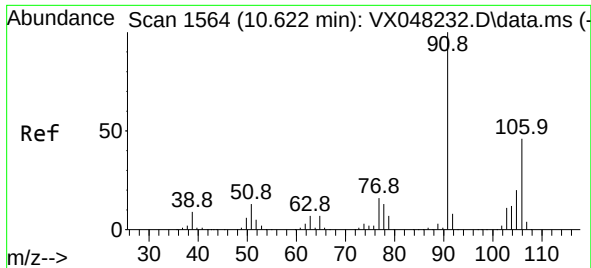
Tgt Ion:106 Resp: 122538

Ion Ratio Lower Upper

106 100

91 211.9 167.9 251.9

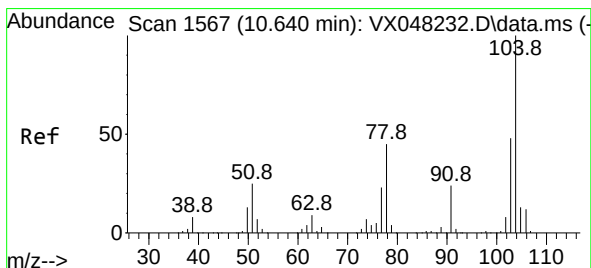
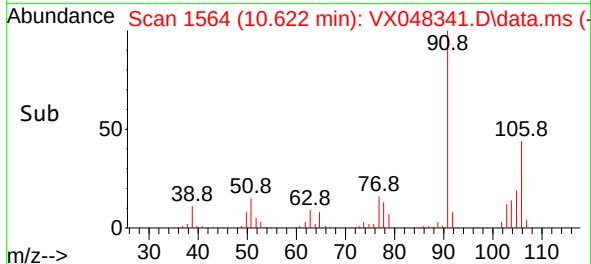
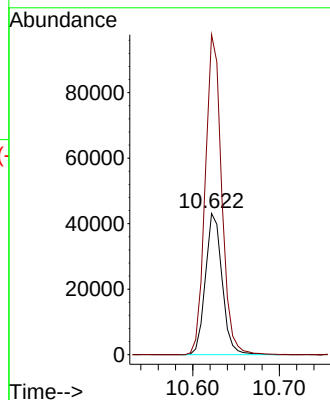
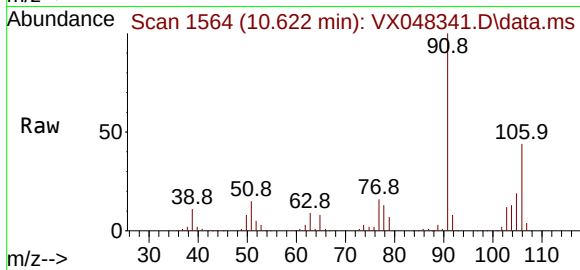




#69
o-Xylene
Concen: 20.085 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

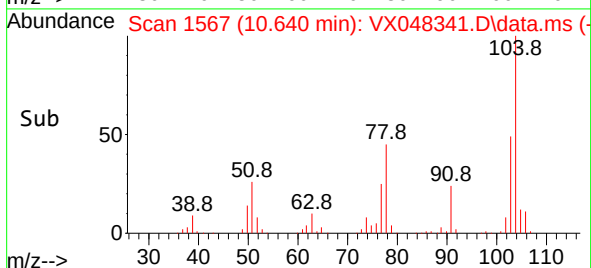
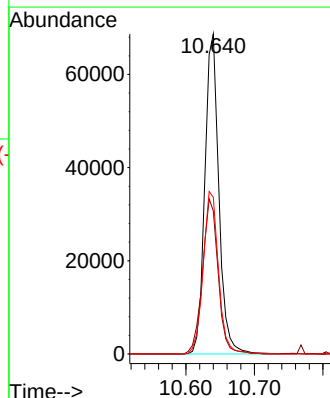
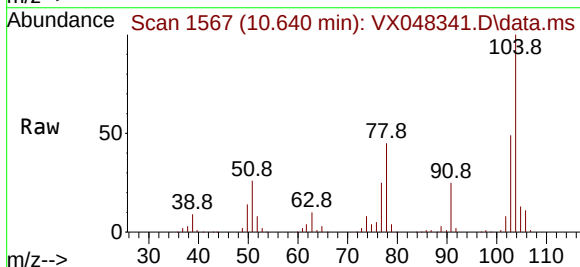
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

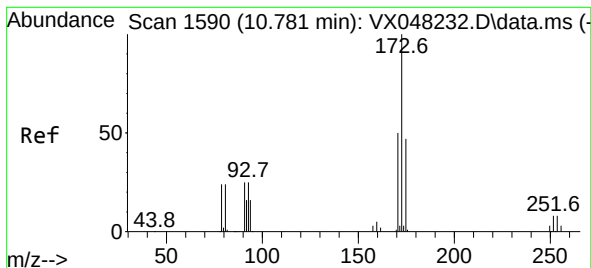
Tgt Ion:106 Resp: 57644
Ion Ratio Lower Upper
106 100
91 223.3 111.3 333.9



#70
Styrene
Concen: 20.079 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:104 Resp: 98123
Ion Ratio Lower Upper
104 100
78 53.9 42.2 63.4
103 55.4 43.0 64.4





#71

Bromoform

Concen: 16.790 ug/l

RT: 10.780 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

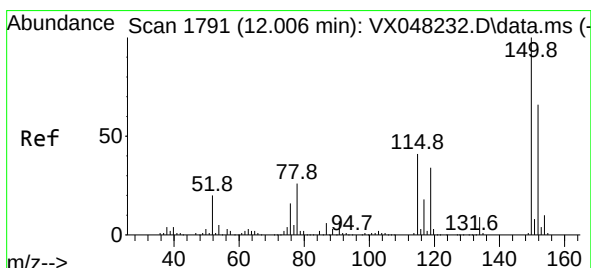
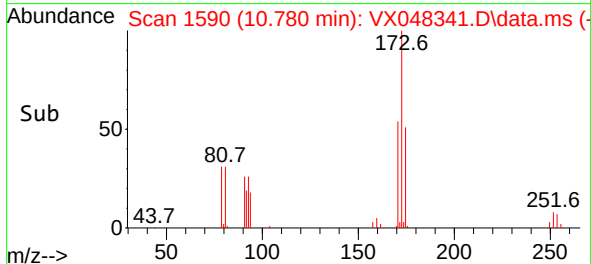
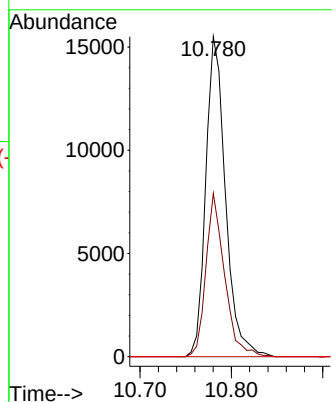
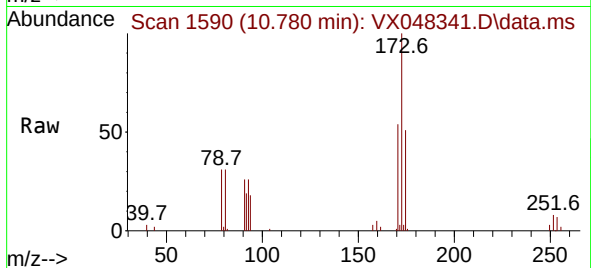
Tgt Ion:173 Resp: 23162

Ion Ratio Lower Upper

173 100

175 48.4 24.0 72.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

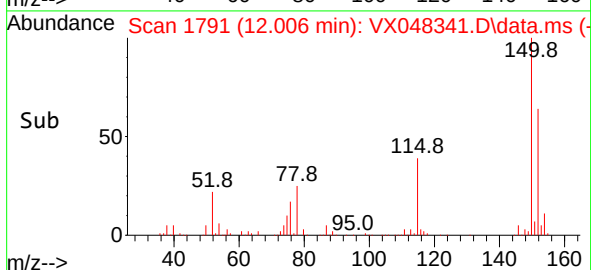
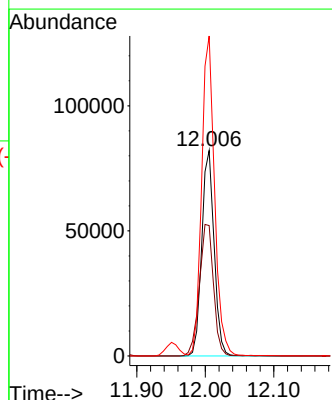
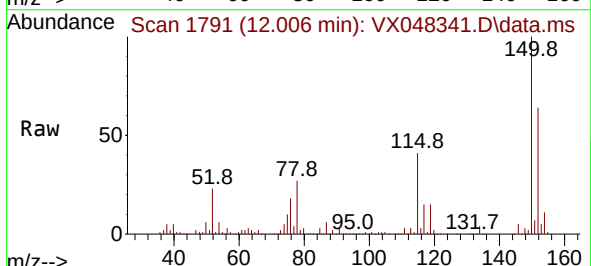
Tgt Ion:152 Resp: 103563

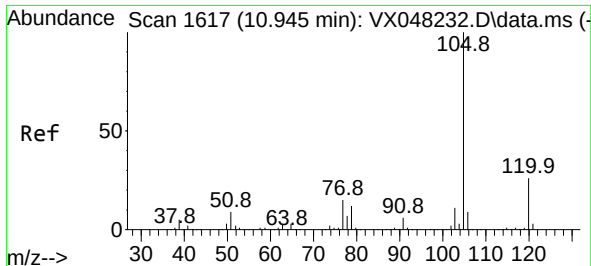
Ion Ratio Lower Upper

152 100

115 73.0 43.1 129.4

150 162.2 0.0 353.0

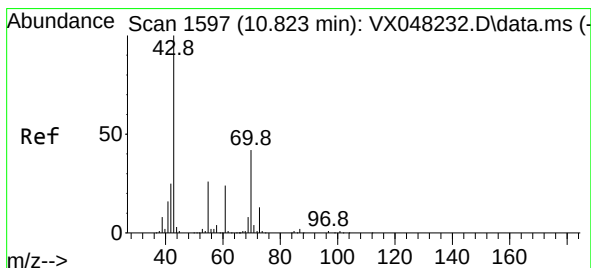
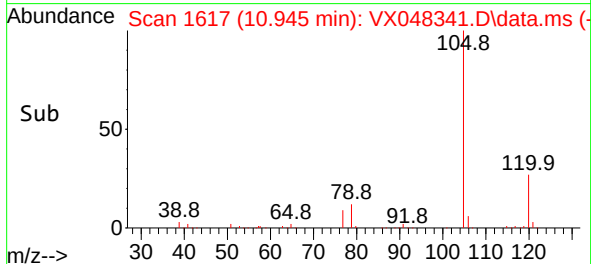
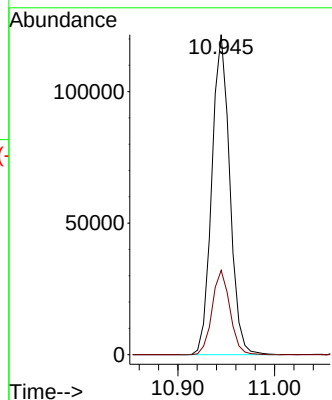
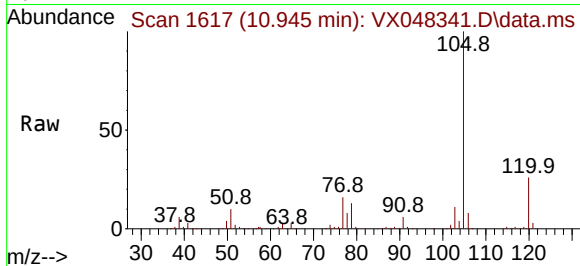




#73
Isopropylbenzene
Concen: 20.669 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

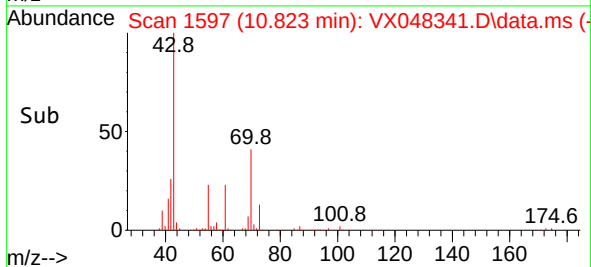
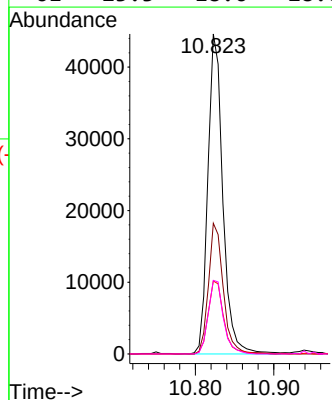
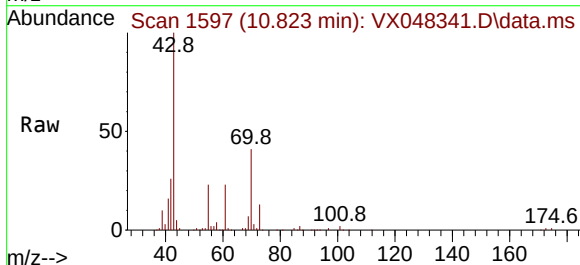
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

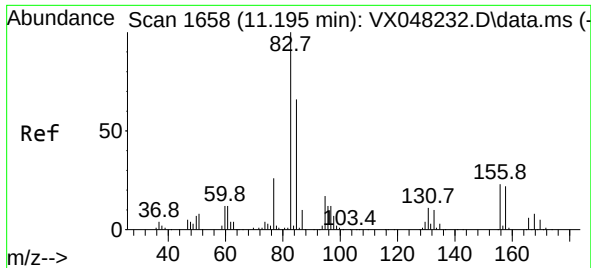
Tgt Ion:105 Resp: 156349
Ion Ratio Lower Upper
105 100
120 26.1 13.0 38.9



#74
N-ethyl acetate
Concen: 21.985 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 43 Resp: 58990
Ion Ratio Lower Upper
43 100
70 40.4 32.2 48.2
55 23.8 19.1 28.7
61 23.3 18.6 28.0

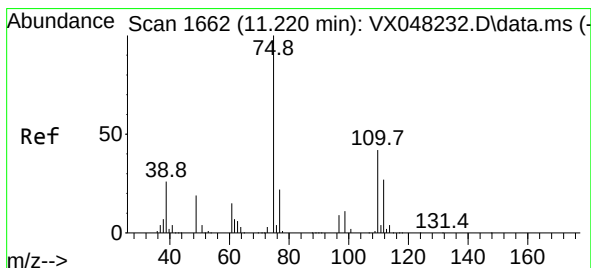
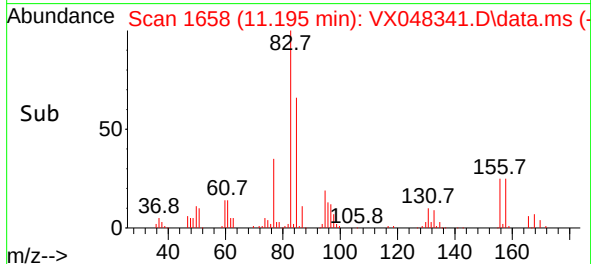
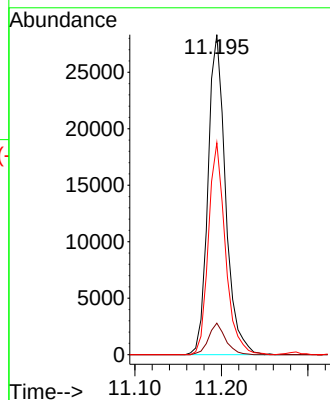
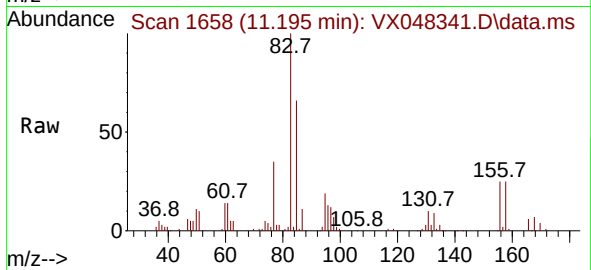




#75
1,1,2,2-Tetrachloroethane
Concen: 19.317 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

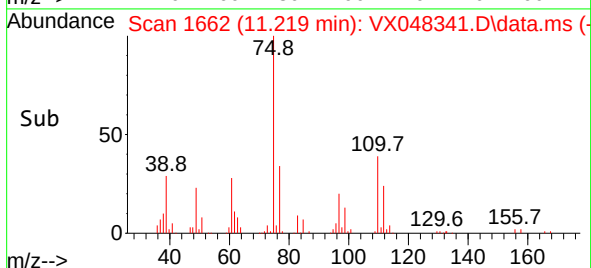
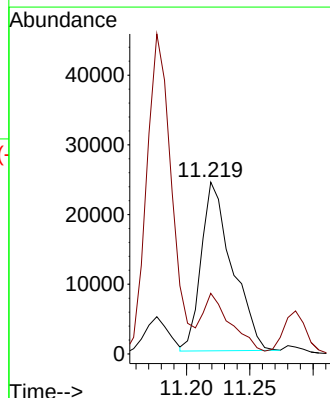
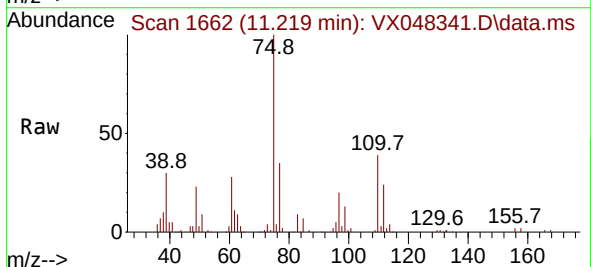
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

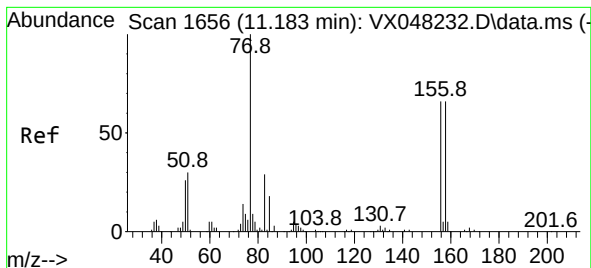
Tgt Ion:	83	Resp:	39902
Ion Ratio	Lower	Upper	
83	100		
131	9.5	4.8	14.4
85	64.0	31.9	95.7



#76
1,2,3-Trichloropropane
Concen: 24.560 ug/l
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:	75	Resp:	41247
Ion Ratio	Lower	Upper	
75	100		
77	32.9	22.4	67.2





#77

Bromobenzene

Concen: 19.039 ug/l

RT: 11.176 min Scan# 1655

Delta R.T. -0.000 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

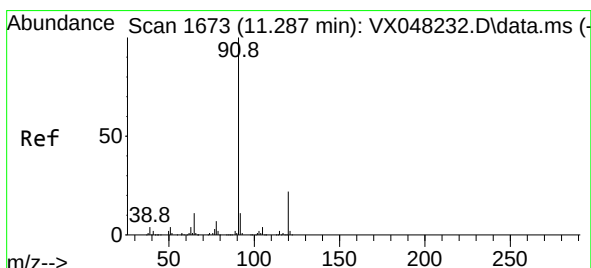
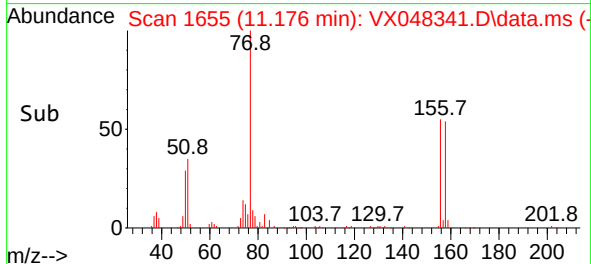
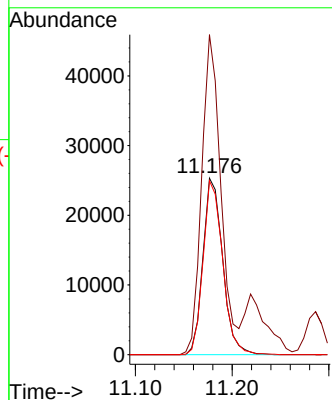
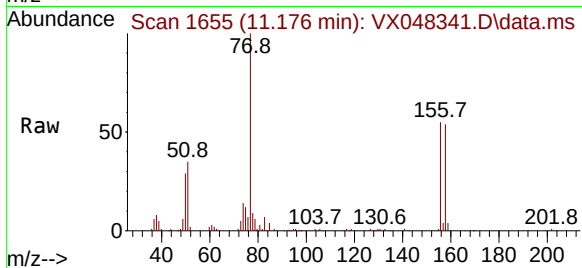
Tgt Ion:156 Resp: 36110

Ion Ratio Lower Upper

156 100

77 175.7 87.0 261.0

158 97.8 47.8 143.4



#78

n-propylbenzene

Concen: 21.269 ug/l

RT: 11.286 min Scan# 1673

Delta R.T. -0.000 min

Lab File: VX048341.D

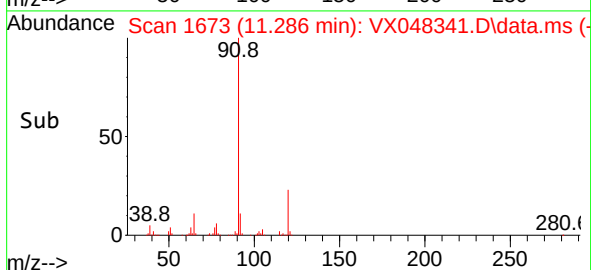
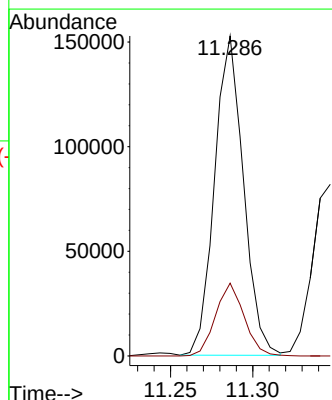
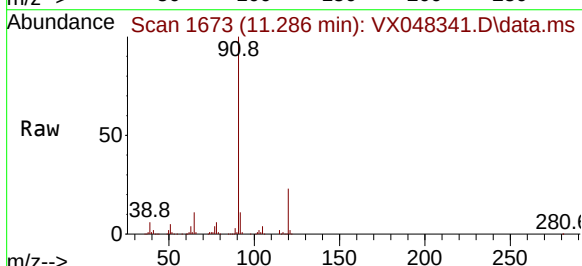
Acq: 24 Oct 2025 10:15

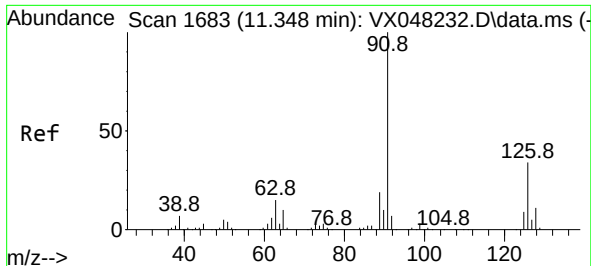
Tgt Ion: 91 Resp: 186273

Ion Ratio Lower Upper

91 100

120 22.6 11.1 33.1

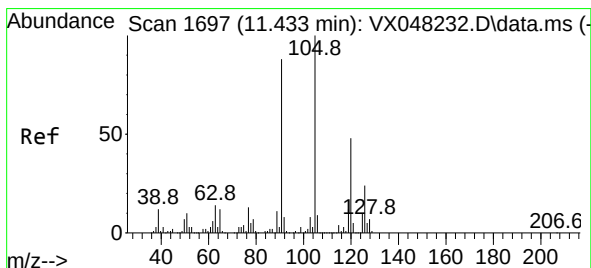
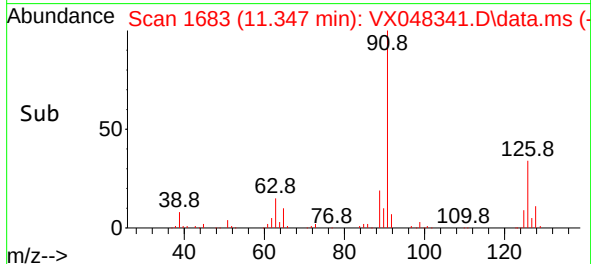
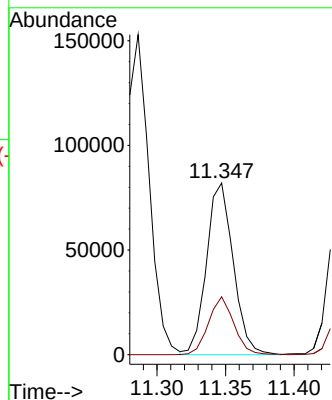
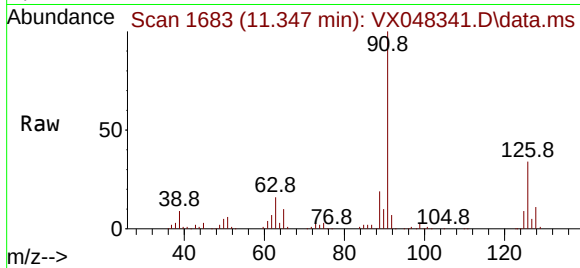




#79
2-Chlorotoluene
Concen: 20.949 ug/l
RT: 11.347 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

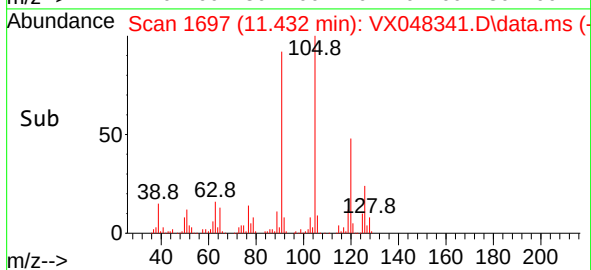
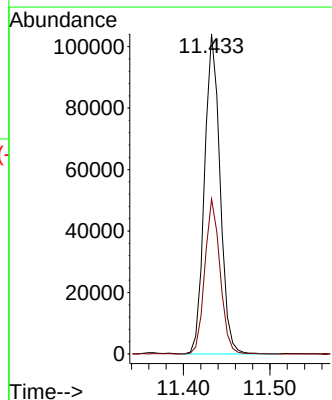
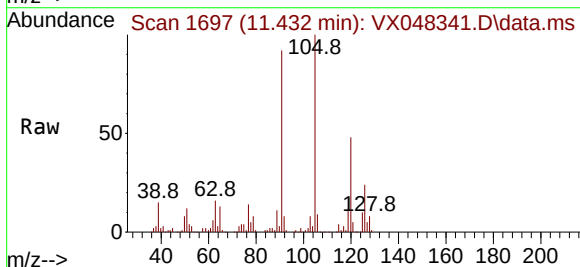
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

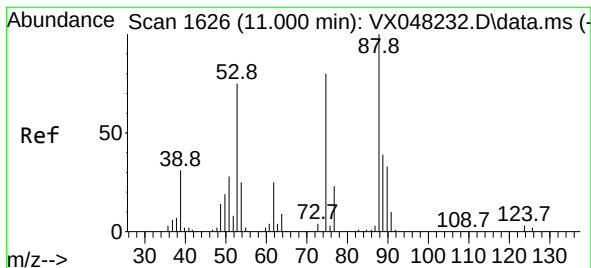
Tgt Ion: 91 Resp: 111240
Ion Ratio Lower Upper
91 100
126 31.9 16.4 49.4



#80
1,3,5-Trimethylbenzene
Concen: 20.733 ug/l
RT: 11.432 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:105 Resp: 129782
Ion Ratio Lower Upper
105 100
120 47.5 24.0 72.0

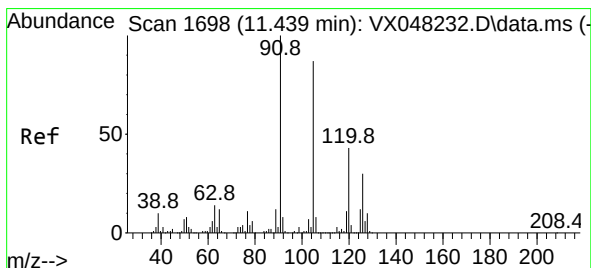
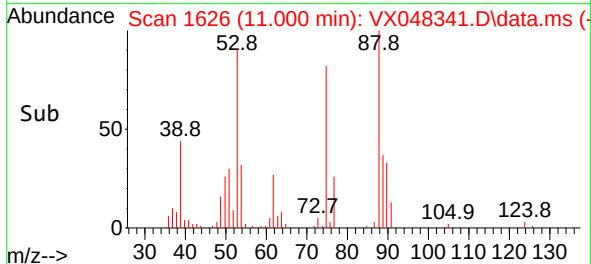
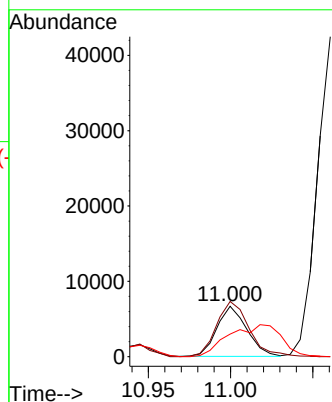
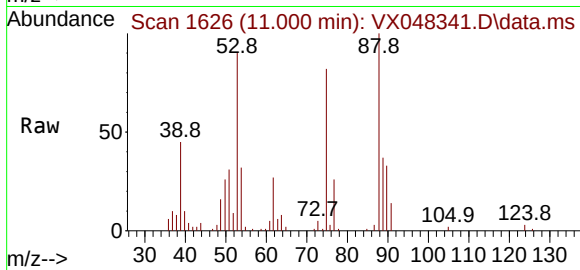




#81
trans-1,4-Dichloro-2-butene
Concen: 12.159 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

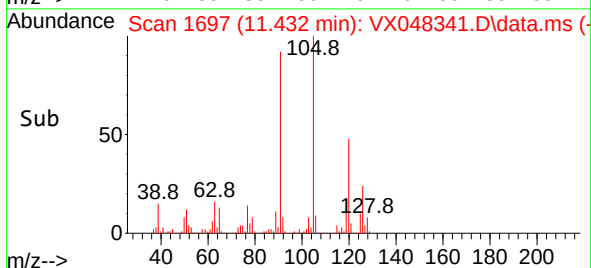
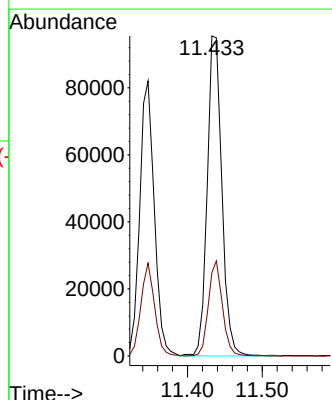
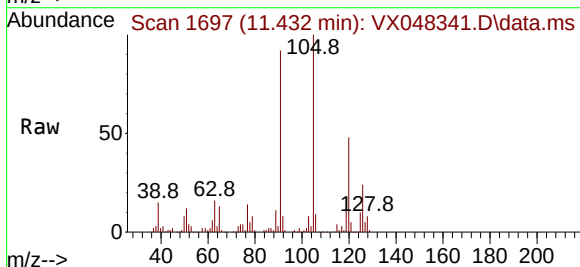
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

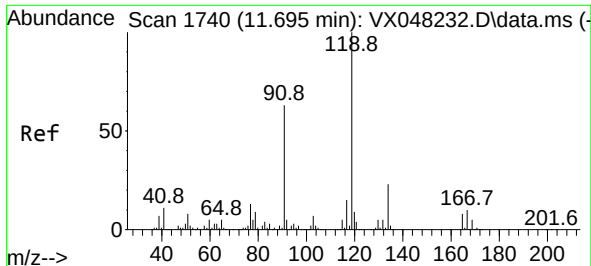
Tgt Ion: 75 Resp: 8393
Ion Ratio Lower Upper
75 100
53 121.3 79.5 119.3#
89 113.0 36.8 55.2#



#82
4-Chlorotoluene
Concen: 20.615 ug/l
RT: 11.432 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 91 Resp: 129943
Ion Ratio Lower Upper
91 100
126 28.3 14.1 42.4

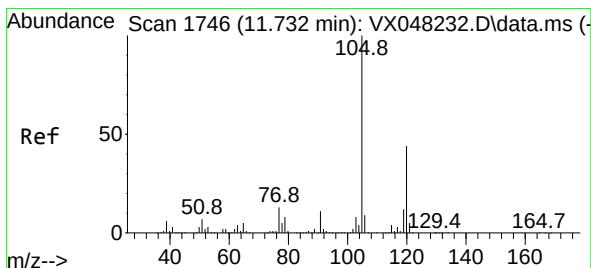
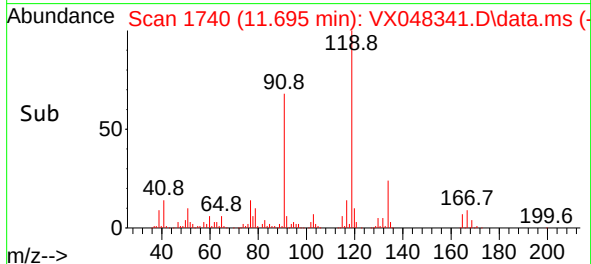
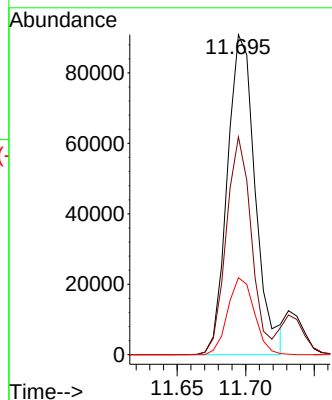
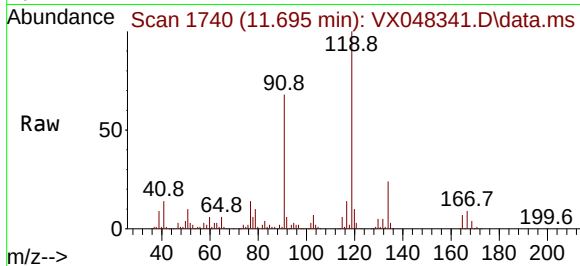




#83
tert-Butylbenzene
Concen: 20.049 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

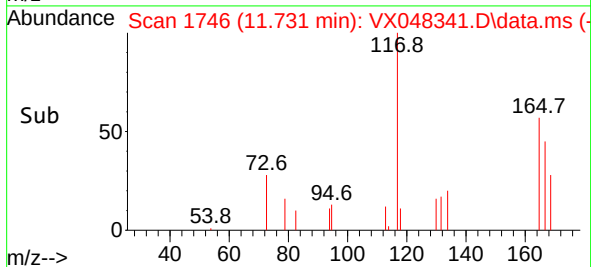
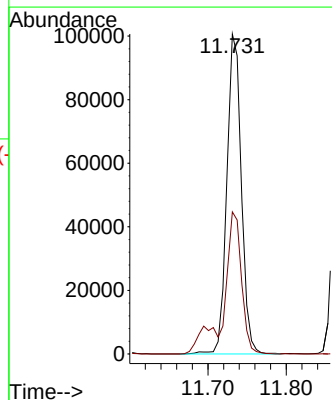
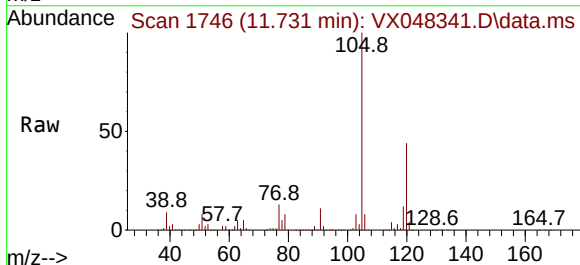
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

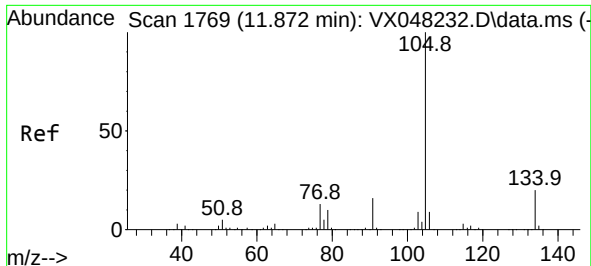
Tgt Ion:119 Resp: 128952
Ion Ratio Lower Upper
119 100
91 61.7 30.3 91.0
134 22.9 11.4 34.2



#84
1,2,4-Trimethylbenzene
Concen: 20.720 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:105 Resp: 129443
Ion Ratio Lower Upper
105 100
120 43.8 22.1 66.5

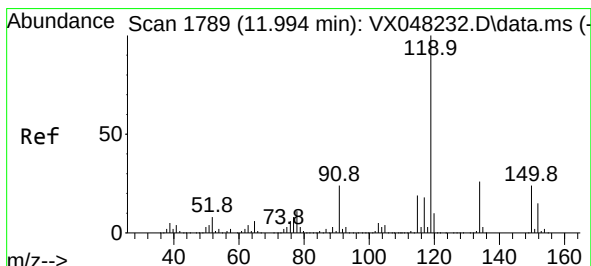
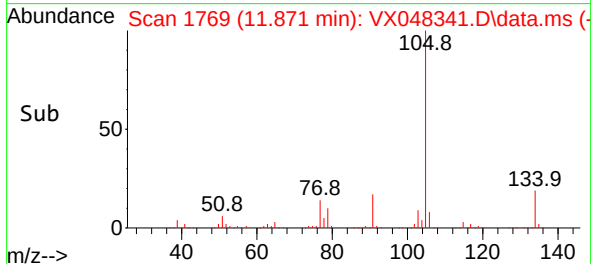
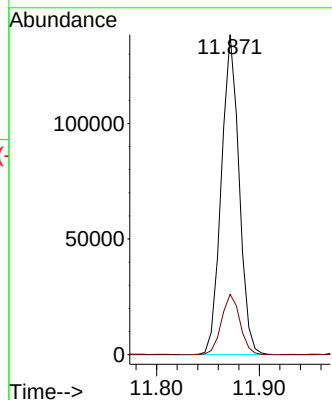
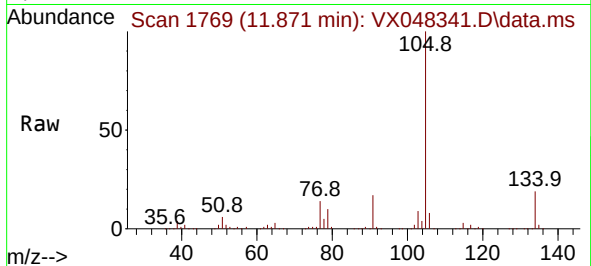




#85
 sec-Butylbenzene
 Concen: 21.376 ug/l
 RT: 11.871 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048341.D
 Acq: 24 Oct 2025 10:15

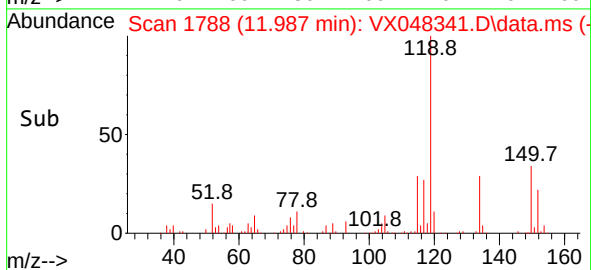
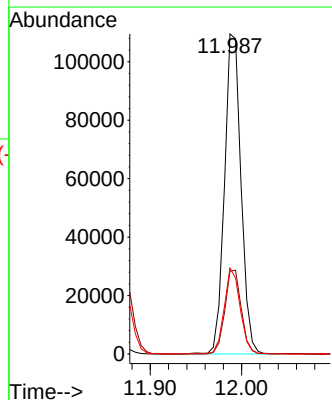
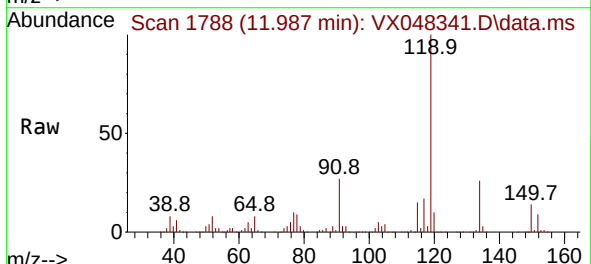
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS01

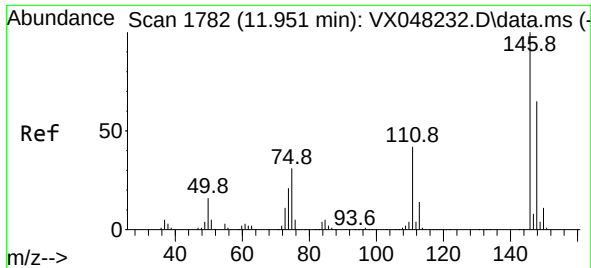
Tgt Ion:105 Resp: 165405
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 20.599 ug/l
 RT: 11.987 min Scan# 1788
 Delta R.T. -0.000 min
 Lab File: VX048341.D
 Acq: 24 Oct 2025 10:15

Tgt Ion:119 Resp: 137775
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 25.8 12.1 36.3

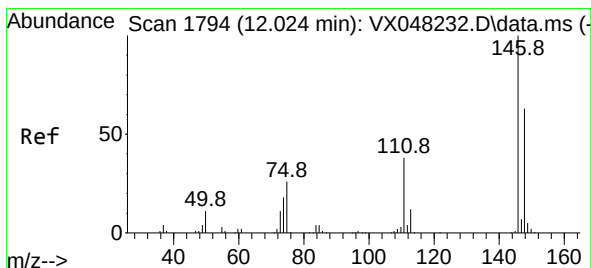
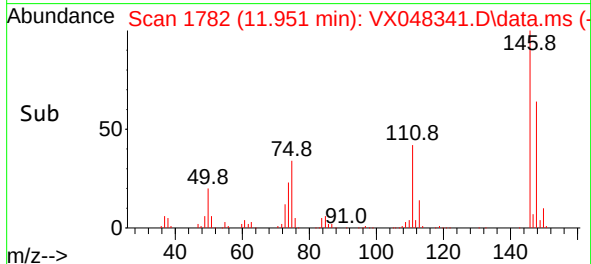
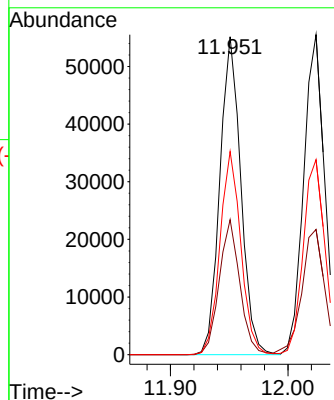
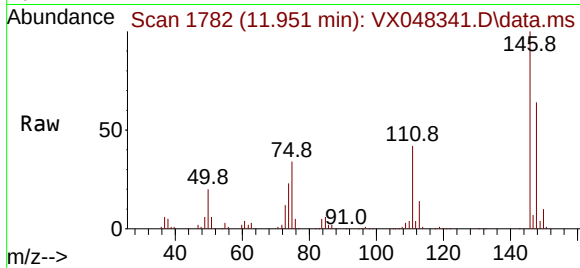




#87
1,3-Dichlorobenzene
Concen: 19.162 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

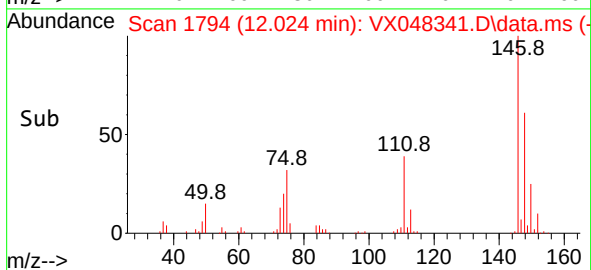
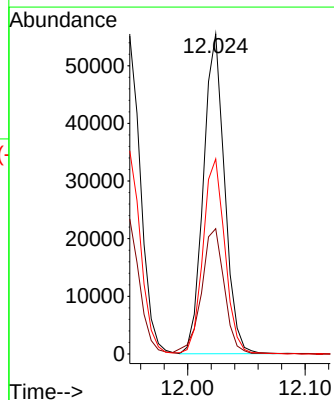
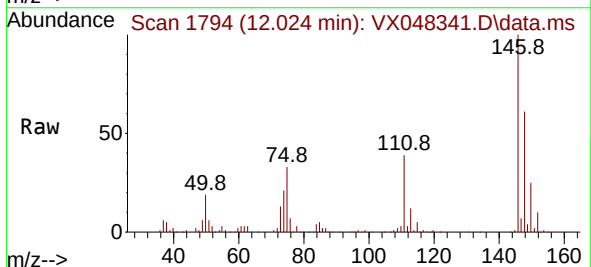
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

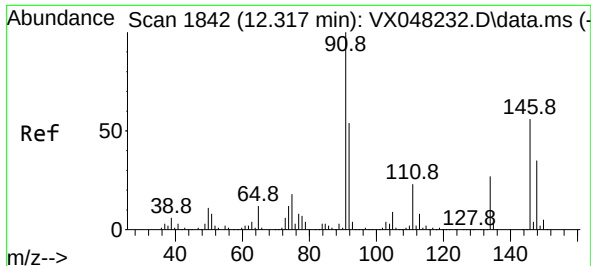
Tgt Ion:146 Resp: 68516
Ion Ratio Lower Upper
146 100
111 41.9 20.4 61.2
148 63.8 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 18.745 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:146 Resp: 69433
Ion Ratio Lower Upper
146 100
111 42.0 20.1 60.2
148 63.4 31.8 95.3





#89

n-Butylbenzene

Concen: 20.961 ug/l

RT: 12.316 min Scan# 1842

Delta R.T. 0.006 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

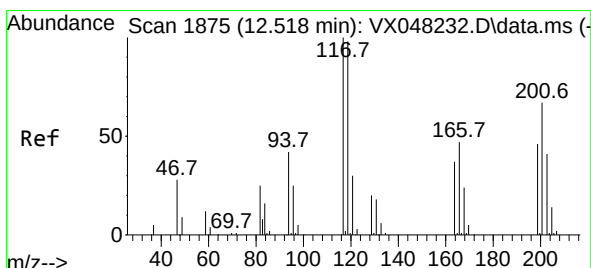
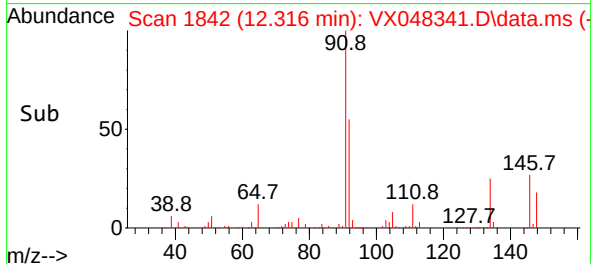
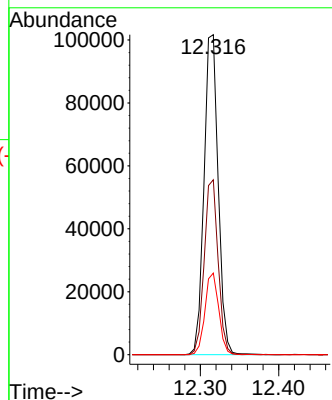
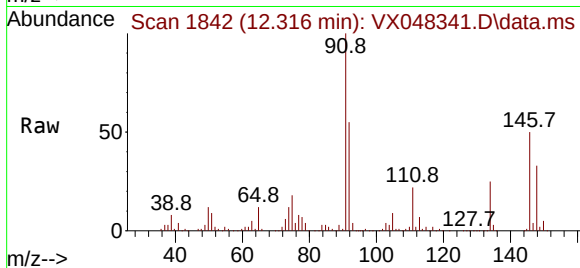
Tgt Ion: 91 Resp: 127603

Ion Ratio Lower Upper

91 100

92 53.6 26.9 80.6

134 24.8 12.7 38.1



#90

Hexachloroethane

Concen: 17.074 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VX048341.D

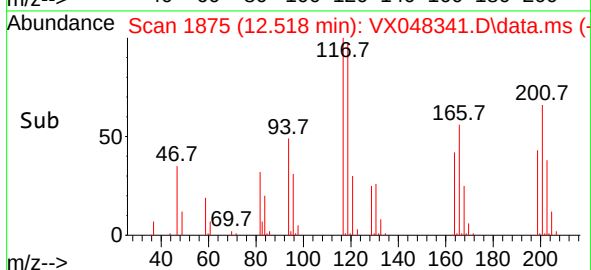
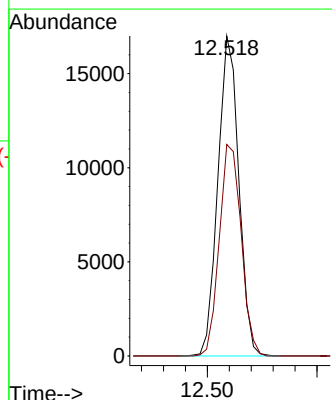
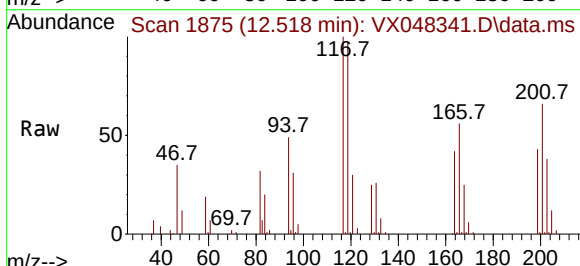
Acq: 24 Oct 2025 10:15

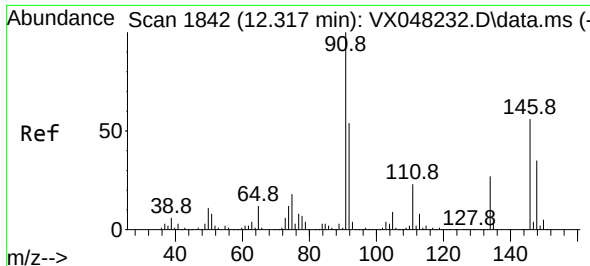
Tgt Ion: 117 Resp: 22551

Ion Ratio Lower Upper

117 100

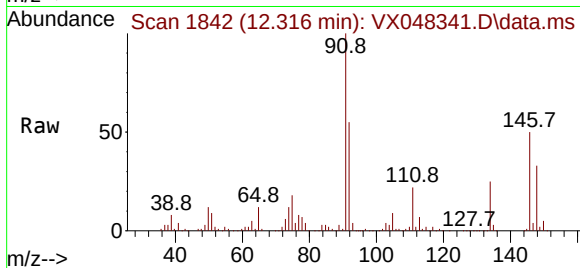
201 69.2 34.1 102.2



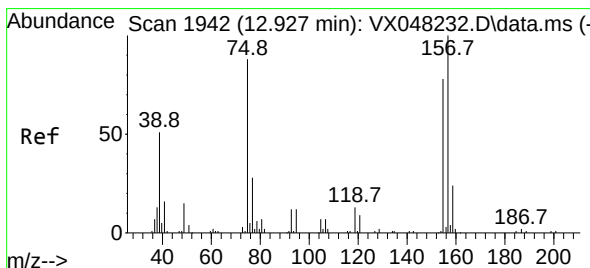
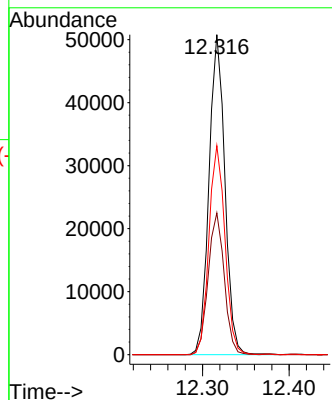
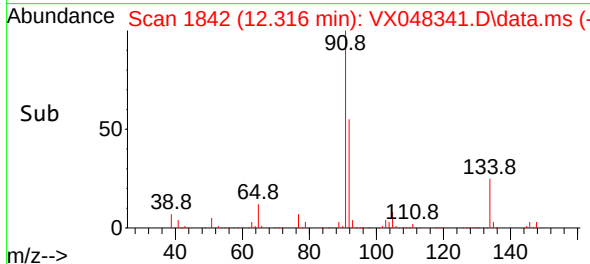


#91
1,2-Dichlorobenzene
Concen: 19.258 ug/l
RT: 12.316 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

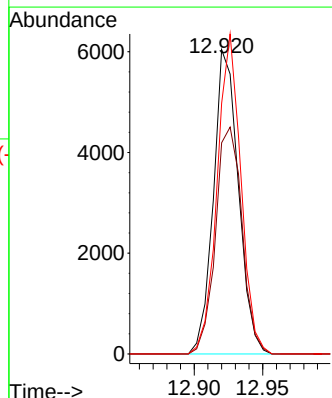
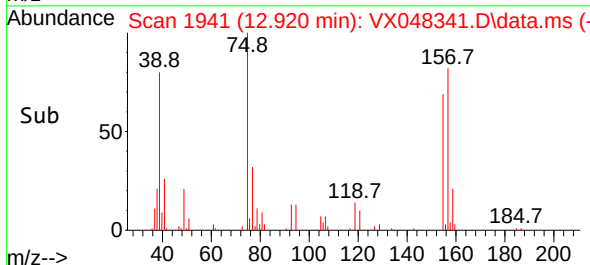
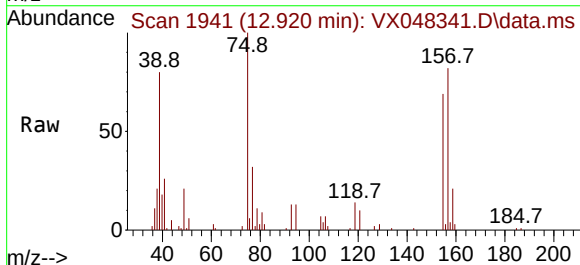


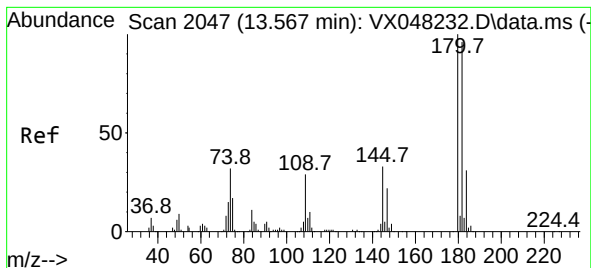
Tgt Ion:146 Resp: 64650
Ion Ratio Lower Upper
146 100
111 44.8 21.9 65.5
148 66.1 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.235 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 75 Resp: 7646
Ion Ratio Lower Upper
75 100
155 79.2 42.8 128.4
157 99.5 54.2 162.6





#93

1,2,4-Trichlorobenzene

Concen: 18.762 ug/l

RT: 13.566 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

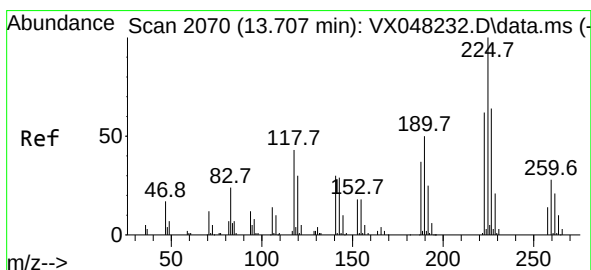
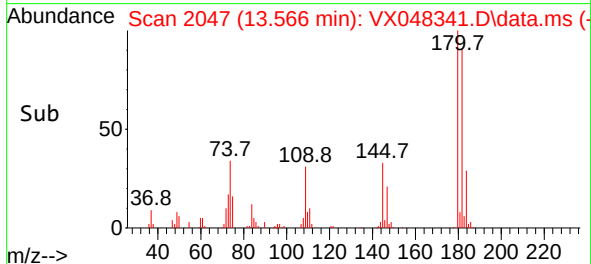
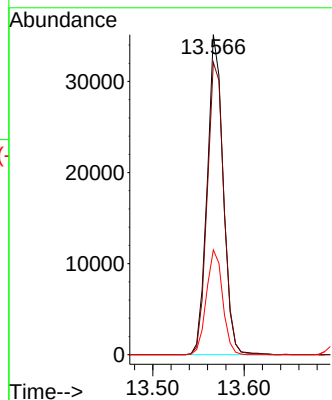
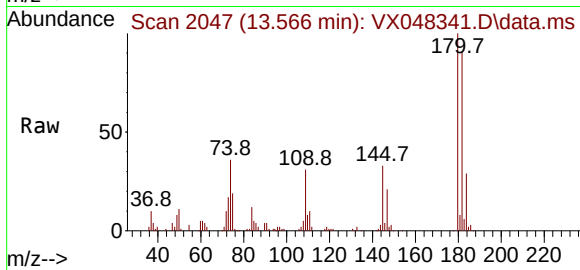
Tgt Ion:180 Resp: 42595

Ion Ratio Lower Upper

180 100

182 94.9 47.3 142.0

145 33.1 16.3 48.9



#94

Hexachlorobutadiene

Concen: 22.108 ug/l

RT: 13.706 min Scan# 2070

Delta R.T. 0.005 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

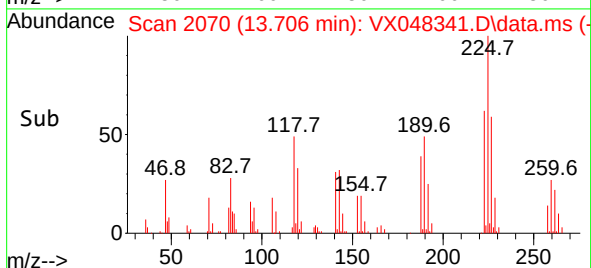
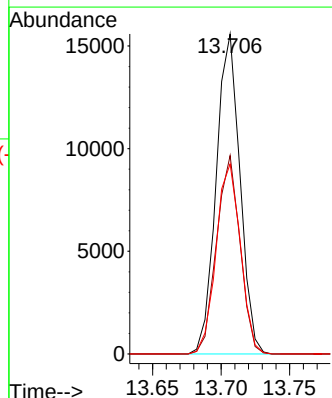
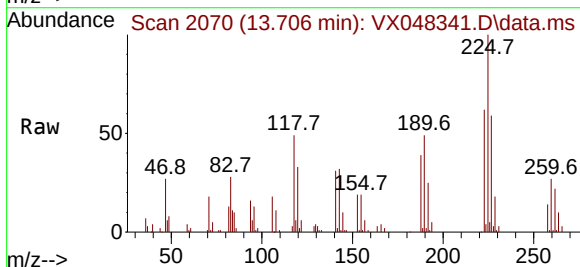
Tgt Ion:225 Resp: 18776

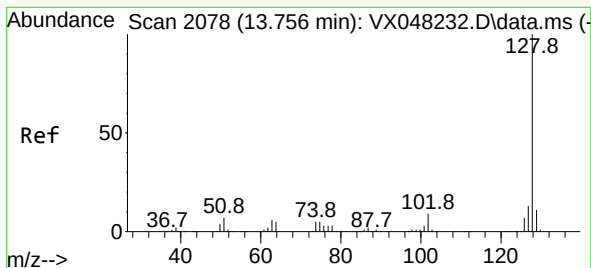
Ion Ratio Lower Upper

225 100

223 61.2 32.6 97.7

227 60.8 32.5 97.4





#95

Naphthalene

Concen: 18.747 ug/l

RT: 13.755 min Scan# 2078

Delta R.T. -0.000 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

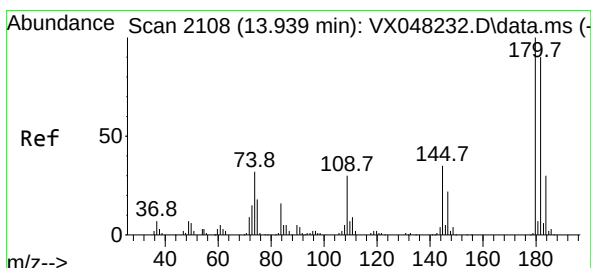
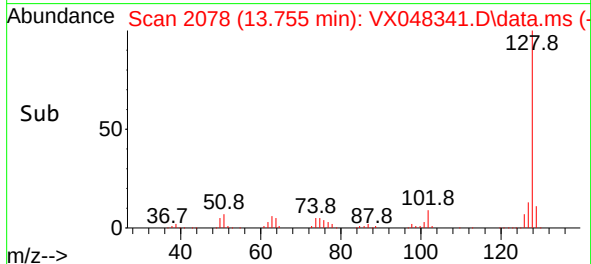
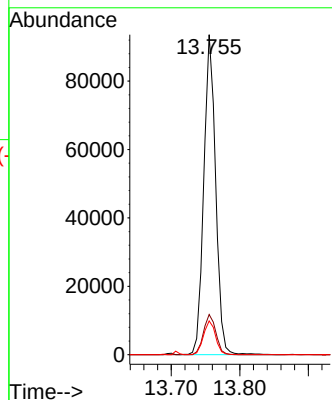
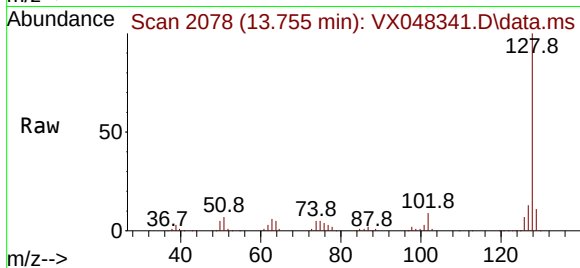
Tgt Ion:128 Resp: 112756

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 19.115 ug/l

RT: 13.944 min Scan# 2109

Delta R.T. 0.006 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

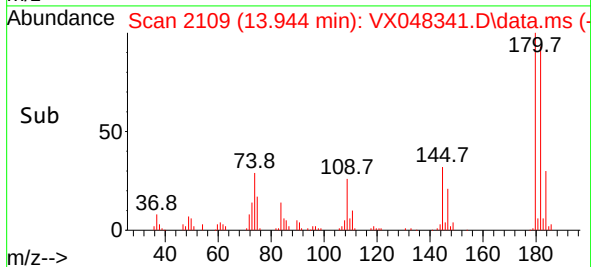
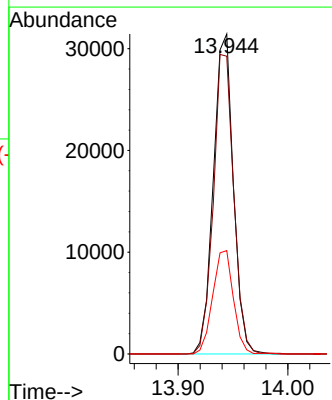
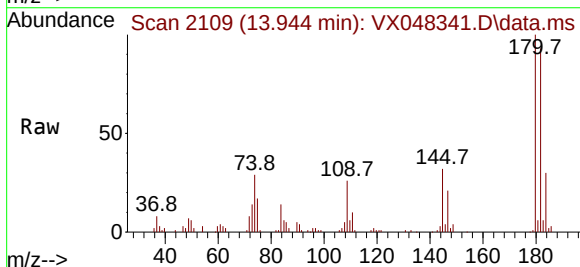
Tgt Ion:180 Resp: 39822

Ion Ratio Lower Upper

180 100

182 95.2 46.6 139.7

145 33.6 16.9 50.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
 Data File : VX048342.D
 Acq On : 24 Oct 2025 10:43
 Operator : JC/MD
 Sample : VX1024WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBSD01

Quant Time: Oct 24 23:01:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	137701	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	225696	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	197290	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	98612	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	102570	53.127	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.260%	
35) Dibromofluoromethane	5.367	113	62228	40.386	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 80.780%	
50) Toluene-d8	8.628	98	267872	49.599	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.200%	
62) 4-Bromofluorobenzene	11.061	95	99386	48.373	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.740%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	25143	17.762	ug/l	94
3) Chloromethane	1.300	50	12822	9.704	ug/l	95
4) Vinyl Chloride	1.380	62	32569	26.618	ug/l	100
5) Bromomethane	1.617	94	12351	14.874	ug/l	99
6) Chloroethane	1.697	64	20040	27.873	ug/l #	87
7) Trichlorofluoromethane	1.898	101	57777	24.622	ug/l	99
8) Diethyl Ether	2.130	74	20192	30.581	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	31911	21.475	ug/l	99
10) Methyl Iodide	2.459	142	111359	59.612	ug/l	99
11) Tert butyl alcohol	2.928	59	15744	82.132	ug/l	99
12) 1,1-Dichloroethene	2.325	96	28121	19.452	ug/l	97
13) Acrolein	2.233	56	25266	129.236	ug/l	98
14) Allyl chloride	2.666	41	50781	21.157	ug/l	96
15) Acrylonitrile	3.050	53	69449	100.473	ug/l	99
16) Acetone	2.367	43	50022	75.524	ug/l	95
17) Carbon Disulfide	2.514	76	80803	17.735	ug/l	98
18) Methyl Acetate	2.697	43	30264	21.879	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	104287	21.145	ug/l	97
20) Methylene Chloride	2.788	84	31918	19.778	ug/l	100
21) trans-1,2-Dichloroethene	3.087	96	31734	19.984	ug/l	97
22) Diisopropyl ether	3.745	45	112880	23.579	ug/l	98
23) Vinyl Acetate	3.709	43	415767	108.723	ug/l	99
24) 1,1-Dichloroethane	3.605	63	60362	20.853	ug/l	99
25) 2-Butanone	4.532	43	79792	95.179	ug/l	95
26) 2,2-Dichloropropane	4.465	77	52806	20.211	ug/l	98
27) cis-1,2-Dichloroethene	4.477	96	37304	20.128	ug/l	96
28) Bromochloromethane	4.885	49	26145	21.783	ug/l	99
29) Tetrahydrofuran	4.983	42	51766	103.102	ug/l	99
30) Chloroform	5.074	83	64392	20.821	ug/l	92
31) Cyclohexane	5.452	56	54699	22.824	ug/l	95
32) 1,1,1-Trichloroethane	5.367	97	58203	20.420	ug/l	97
36) 1,1-Dichloropropene	5.678	75	44017	20.099	ug/l	98
37) Ethyl Acetate	4.690	43	39763	21.905	ug/l	99
38) Carbon Tetrachloride	5.659	117	51364	19.010	ug/l	98
39) Methylcyclohexane	7.360	83	54639	21.126	ug/l	99
40) Benzene	6.019	78	128108	20.148	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
 Data File : VX048342.D
 Acq On : 24 Oct 2025 10:43
 Operator : JC/MD
 Sample : VX1024WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBSD01

Quant Time: Oct 24 23:01:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.897	41	21026	22.057	ug/l	98
42) 1,2-Dichloroethane	6.068	62	50777	21.642	ug/l	100
43) Isopropyl Acetate	6.318	43	67251	22.554	ug/l	99
44) Trichloroethene	7.110	130	32933	19.616	ug/l	96
45) 1,2-Dichloropropane	7.415	63	32923	21.779	ug/l	97
46) Dibromomethane	7.562	93	23790	20.200	ug/l	98
47) Bromodichloromethane	7.805	83	49713	19.549	ug/l	96
48) Methyl methacrylate	7.671	41	32820	21.813	ug/l	97
49) 1,4-Dioxane	7.641	88	6826	343.399	ug/l #	94
51) 4-Methyl-2-Pentanone	8.555	43	188686	109.755	ug/l	99
52) Toluene	8.702	92	80539	19.939	ug/l	98
53) t-1,3-Dichloropropene	8.964	75	47287	19.297	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	50121	18.957	ug/l	99
55) 1,1,2-Trichloroethane	9.134	97	30674	20.420	ug/l	98
56) Ethyl methacrylate	9.098	69	44167	20.102	ug/l	94
57) 1,3-Dichloropropane	9.293	76	53321	20.781	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.226	63	118521	101.339	ug/l	99
59) 2-Hexanone	9.415	43	125081	104.343	ug/l	100
60) Dibromochloromethane	9.506	129	36681	18.168	ug/l	100
61) 1,2-Dibromoethane	9.592	107	31369	19.589	ug/l	97
64) Tetrachloroethene	9.256	164	31271	21.232	ug/l	95
65) Chlorobenzene	10.061	112	87547	19.726	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	31852	19.540	ug/l	99
67) Ethyl Benzene	10.177	91	153603	20.328	ug/l	98
68) m/p-Xylenes	10.287	106	115372	41.095	ug/l	100
69) o-Xylene	10.622	106	54907	20.258	ug/l	99
70) Styrene	10.640	104	92792	20.106	ug/l	98
71) Bromoform	10.780	173	22978	17.637	ug/l #	99
73) Isopropylbenzene	10.945	105	148568	20.627	ug/l	100
74) N-amyl acetate	10.823	43	58253	22.801	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.195	83	39083	19.870	ug/l	98
76) 1,2,3-Trichloropropane	11.219	75	42575	26.623	ug/l	80
77) Bromobenzene	11.177	156	34578	19.146	ug/l	98
78) n-propylbenzene	11.286	91	175426	21.036	ug/l	99
79) 2-Chlorotoluene	11.347	91	102875	20.347	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	123122	20.656	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	8998	13.689	ug/l #	79
82) 4-Chlorotoluene	11.439	91	122719	20.446	ug/l	99
83) tert-Butylbenzene	11.695	119	123899	20.231	ug/l	100
84) 1,2,4-Trimethylbenzene	11.732	105	122164	20.537	ug/l	99
85) sec-Butylbenzene	11.872	105	154615	20.984	ug/l	100
86) p-Isopropyltoluene	11.988	119	128679	20.205	ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	65372	19.201	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	66499	18.854	ug/l	98
89) n-Butylbenzene	12.311	91	122166	21.075	ug/l	99
90) Hexachloroethane	12.518	117	21976	17.474	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	62138	19.439	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	7963	19.944	ug/l	88
93) 1,2,4-Trichlorobenzene	13.567	180	40804	18.876	ug/l	97
94) Hexachlorobutadiene	13.707	225	18104	22.386	ug/l	98
95) Naphthalene	13.756	128	110334	19.265	ug/l	99
96) 1,2,3-Trichlorobenzene	13.938	180	37968	19.140	ug/l	96

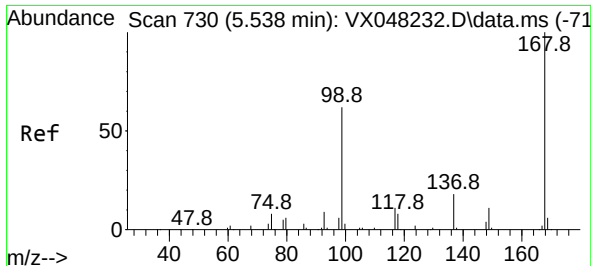
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048342.D
Acq On : 24 Oct 2025 10:43
Operator : JC/MD
Sample : VX1024WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD01

Quant Time: Oct 24 23:01:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

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

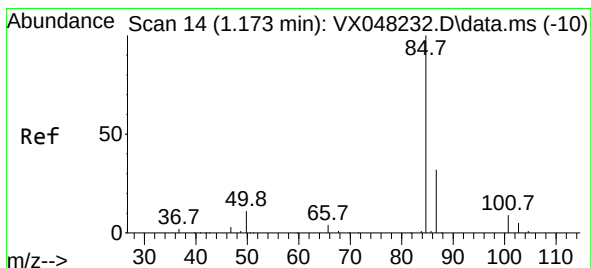
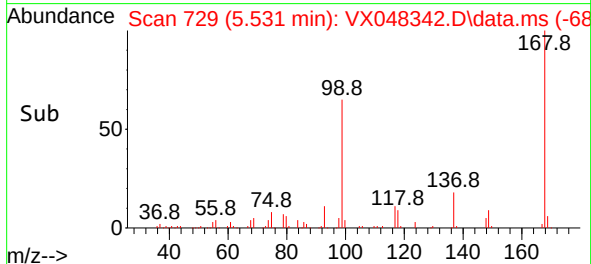
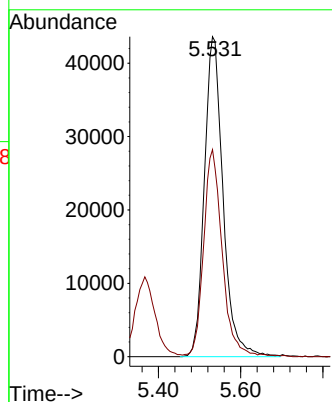
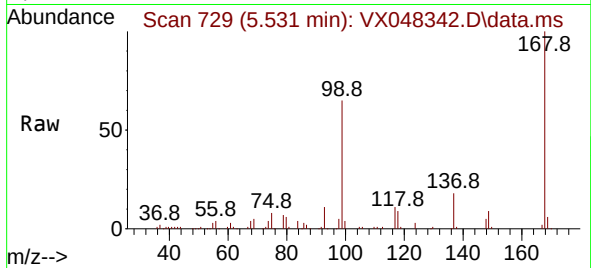
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.013 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

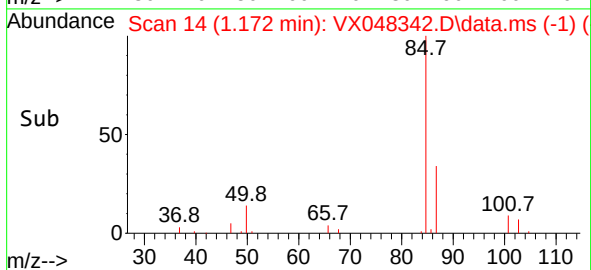
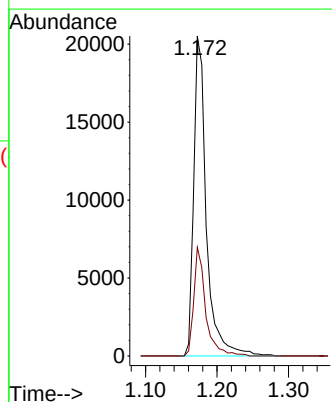
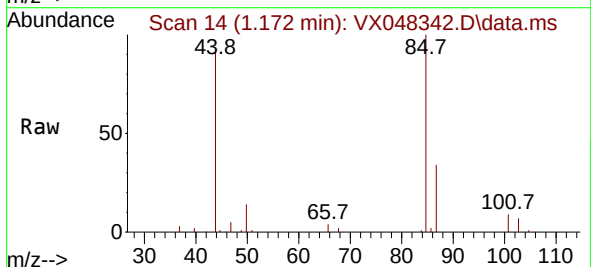
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD01

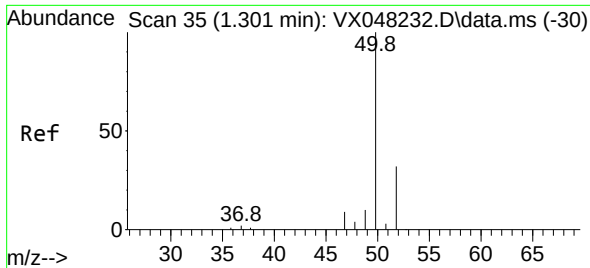
Tgt Ion:168 Resp: 137701
Ion Ratio Lower Upper
168 100
99 64.4 46.4 69.6



#2
Dichlorodifluoromethane
Concen: 17.762 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 85 Resp: 25143
Ion Ratio Lower Upper
85 100
87 33.9 15.3 45.9

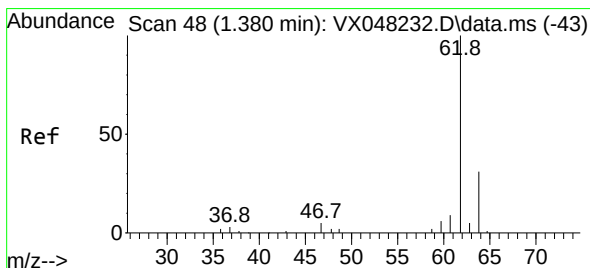
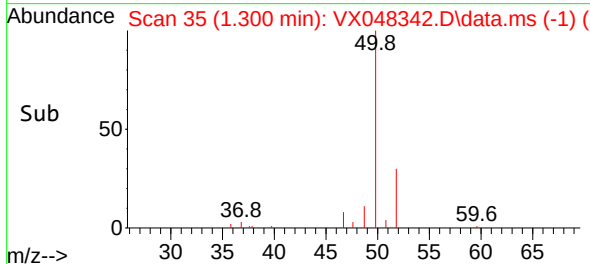
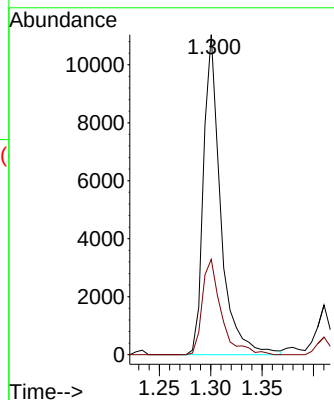
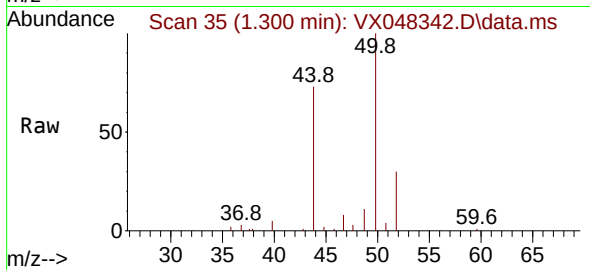




#3
Chloromethane
Concen: 9.704 ug/l
RT: 1.300 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

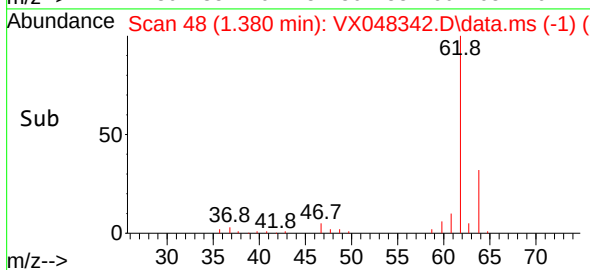
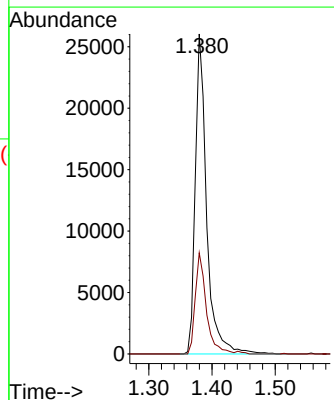
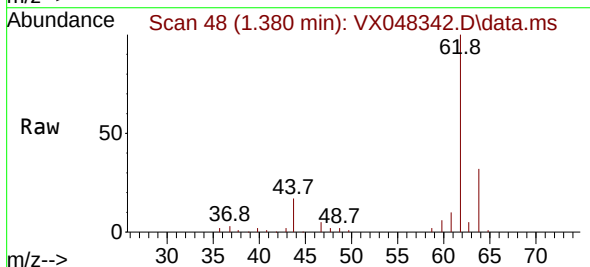
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD01

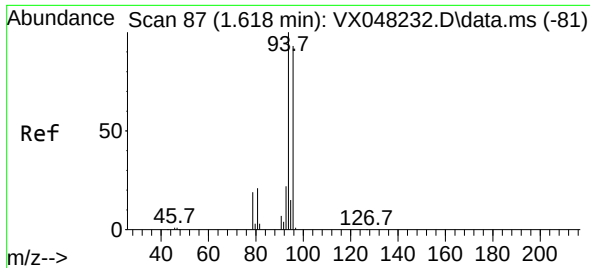
Tgt Ion: 50 Resp: 12822
Ion Ratio Lower Upper
50 100
52 29.8 25.9 38.9



#4
Vinyl Chloride
Concen: 26.618 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 62 Resp: 32569
Ion Ratio Lower Upper
62 100
64 31.6 25.1 37.7

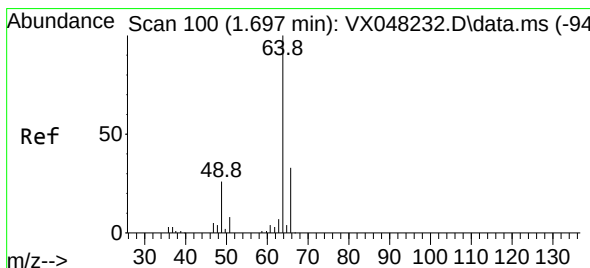
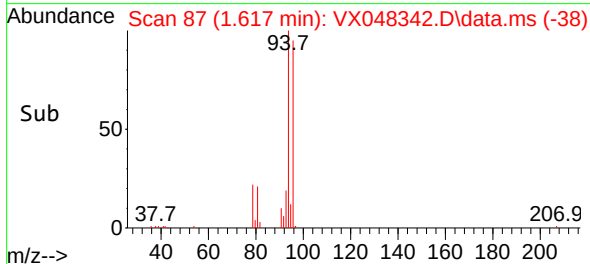
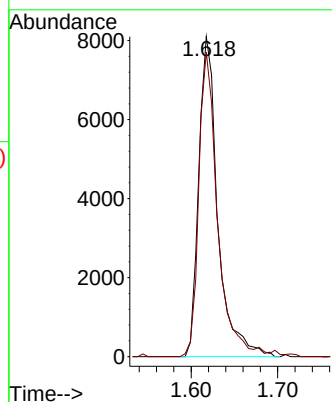
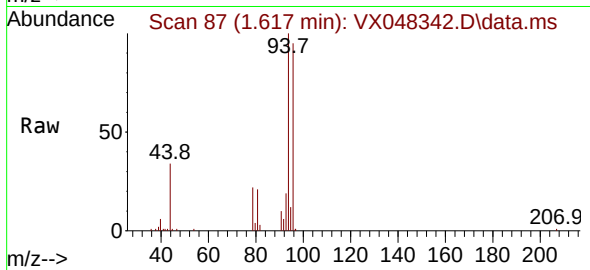




#5
Bromomethane
Concen: 14.874 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

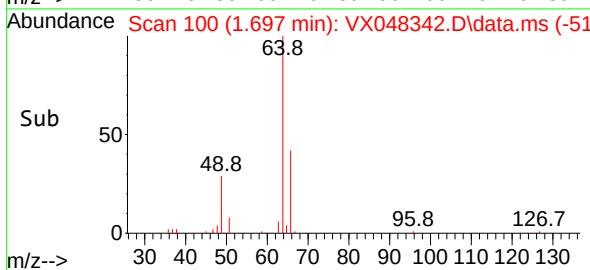
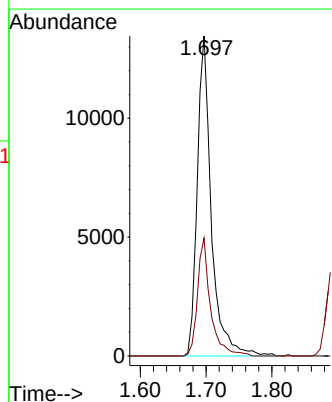
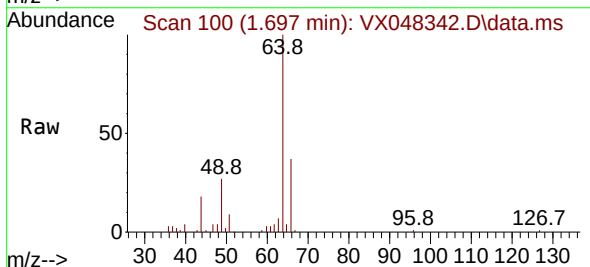
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD01

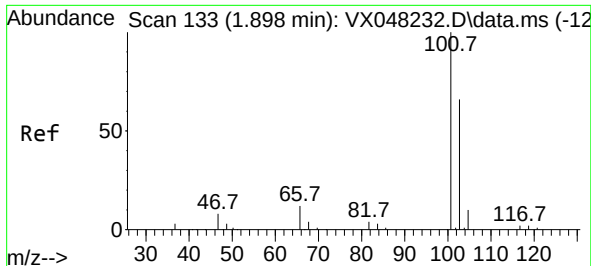
Tgt Ion: 94 Resp: 12351
Ion Ratio Lower Upper
94 100
96 96.3 76.0 114.0



#6
Chloroethane
Concen: 27.873 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 64 Resp: 20040
Ion Ratio Lower Upper
64 100
66 36.8 23.9 35.9#

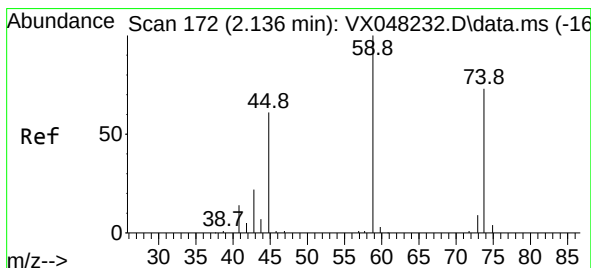
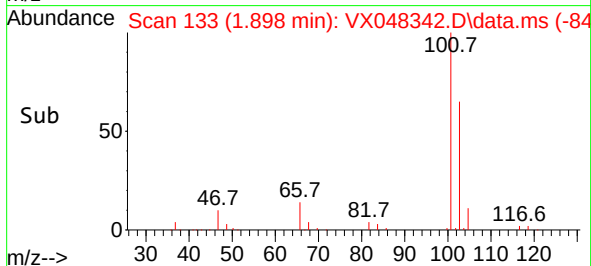
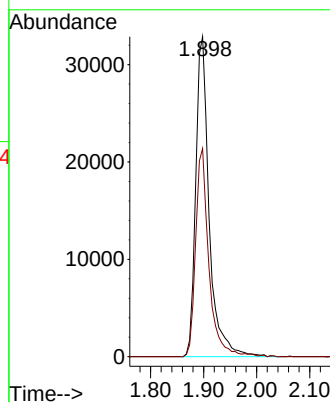
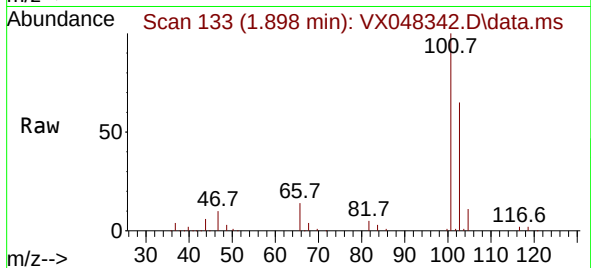




#7
Trichlorofluoromethane
Concen: 24.622 ug/l
RT: 1.898 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

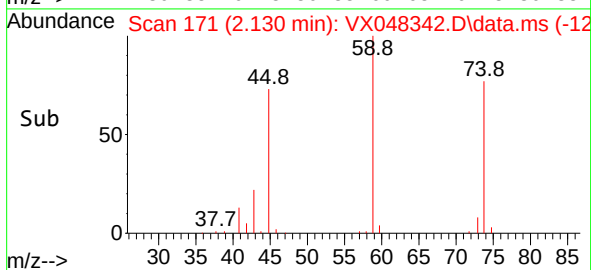
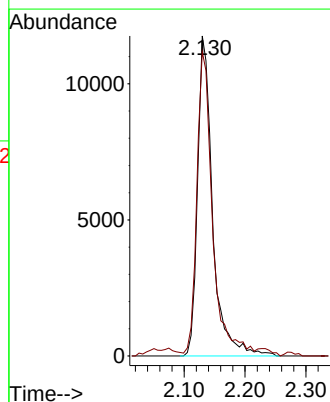
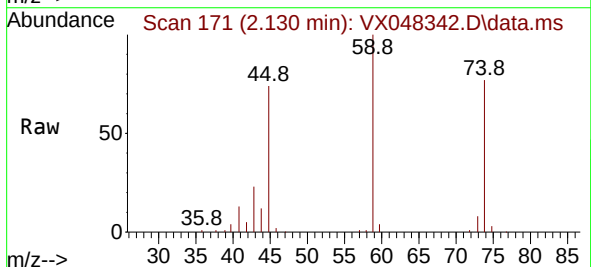
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD01

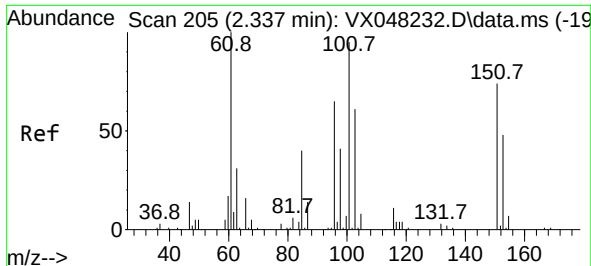
Tgt Ion:101 Resp: 57777
Ion Ratio Lower Upper
101 100
103 65.1 51.6 77.4



#8
Diethyl Ether
Concen: 30.581 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 74 Resp: 20192
Ion Ratio Lower Upper
74 100
45 95.4 50.0 149.8

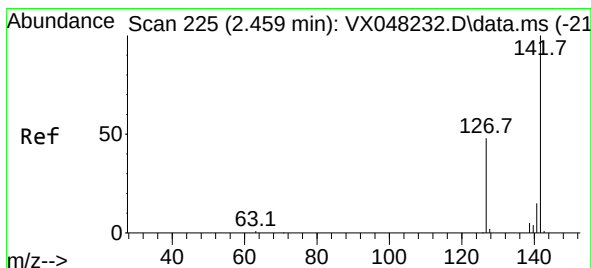
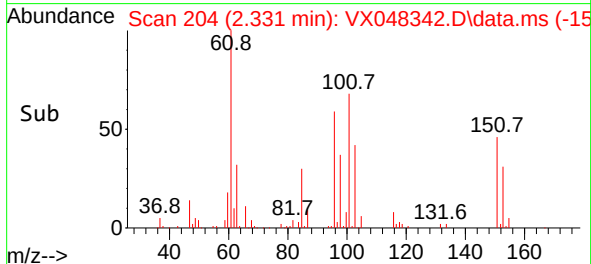
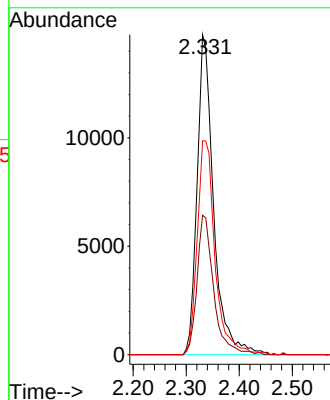
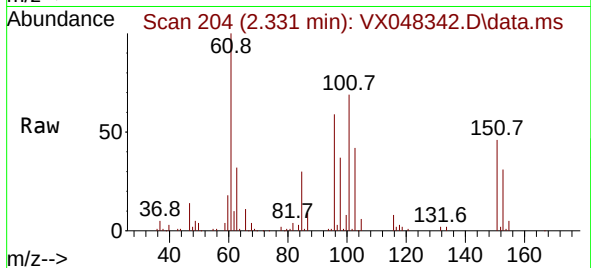




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.475 ug/l
RT: 2.331 min Scan# 205
Delta R.T. -0.006 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

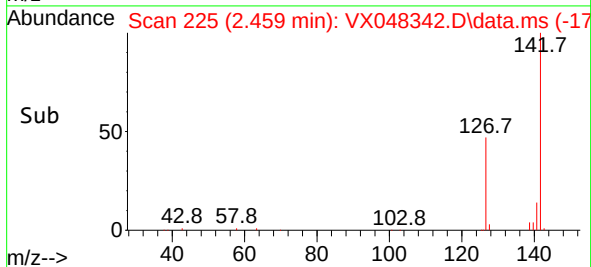
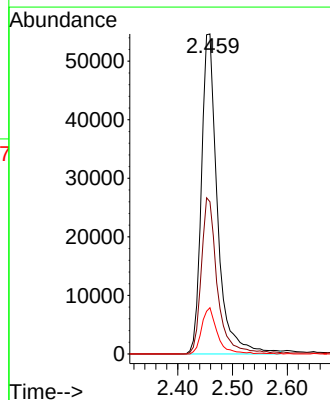
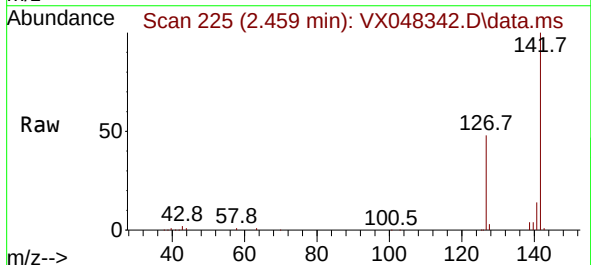
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD01

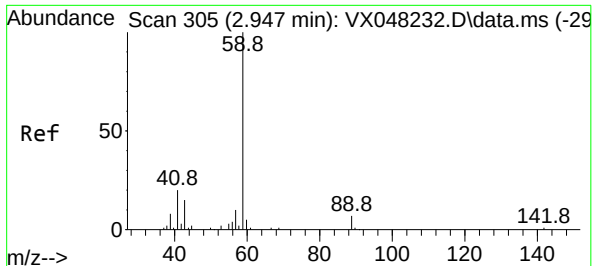
Tgt Ion:101 Resp: 31911
Ion Ratio Lower Upper
101 100
85 44.0 35.6 53.4
151 72.1 58.0 87.0



#10
Methyl Iodide
Concen: 59.612 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion:142 Resp: 111359
Ion Ratio Lower Upper
142 100
127 49.0 38.5 57.7
141 14.0 11.6 17.4





#11

Tert butyl alcohol

Concen: 82.132 ug/l

RT: 2.928 min Scan# 305

Delta R.T. -0.012 min

Lab File: VX048342.D

Acq: 24 Oct 2025 10:43

Instrument :

MSVOA_X

ClientSampleId :

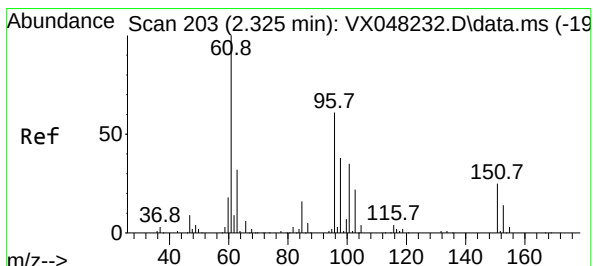
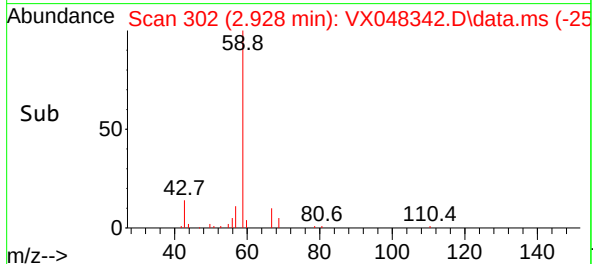
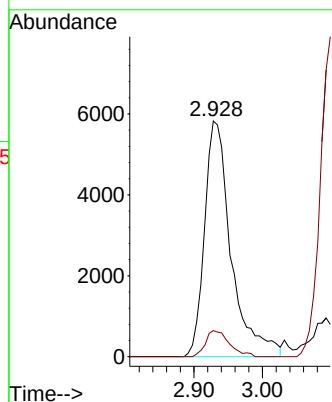
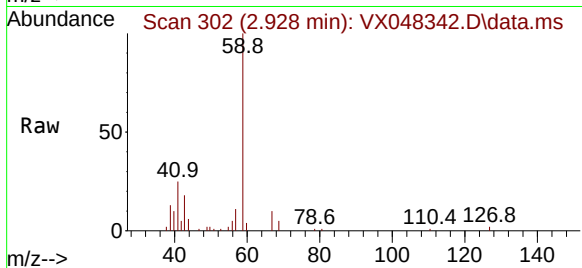
VX1024WBSD01

Tgt Ion: 59 Resp: 15744

Ion Ratio Lower Upper

59 100

57 9.9 8.2 12.4



#12

1,1-Dichloroethene

Concen: 19.452 ug/l

RT: 2.325 min Scan# 203

Delta R.T. -0.000 min

Lab File: VX048342.D

Acq: 24 Oct 2025 10:43

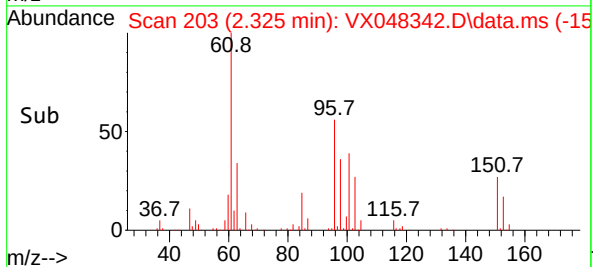
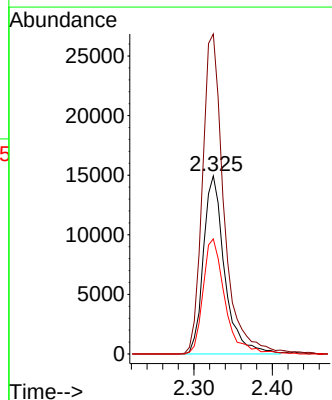
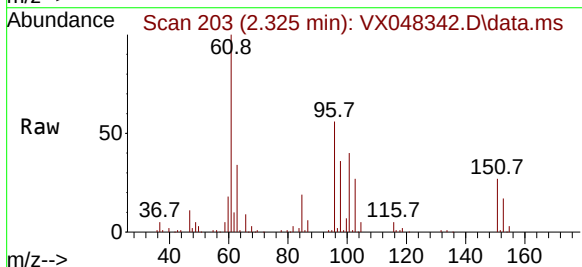
Tgt Ion: 96 Resp: 28121

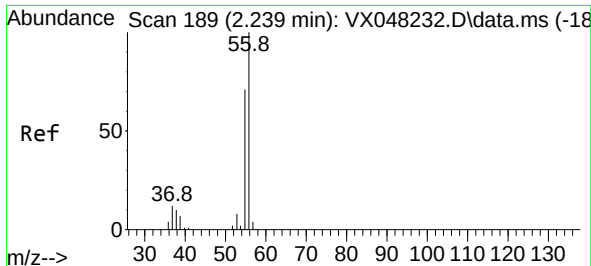
Ion Ratio Lower Upper

96 100

61 179.7 139.0 208.6

98 64.6 52.4 78.6

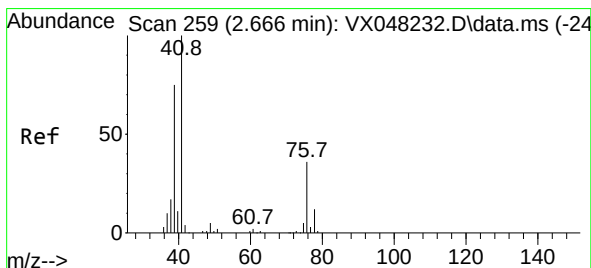
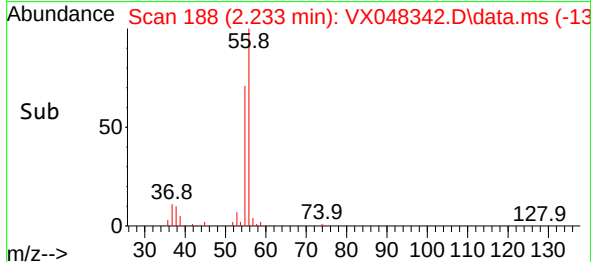
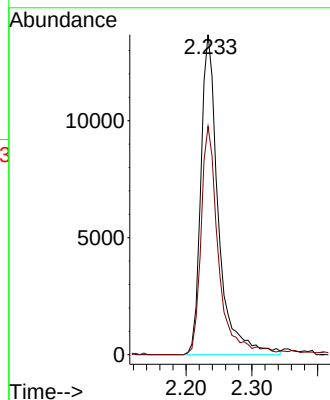
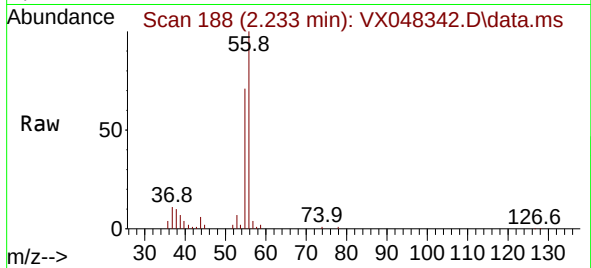




#13
Acrolein
Concen: 129.236 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

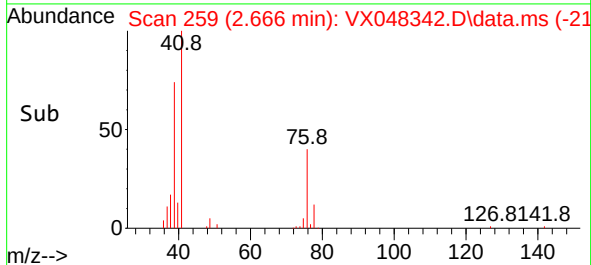
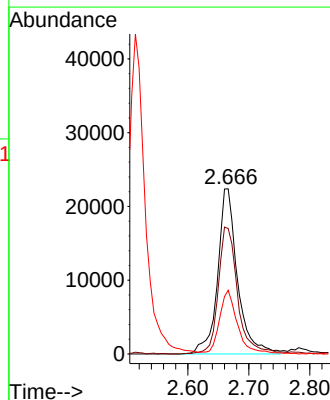
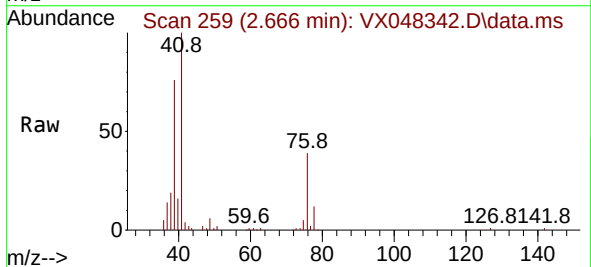
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD01

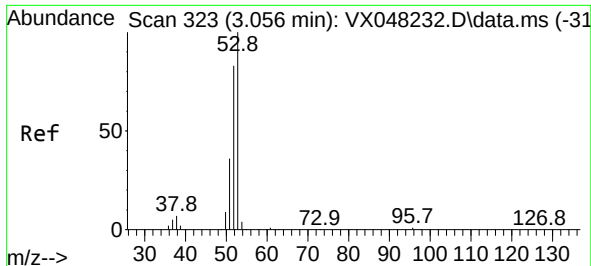
Tgt Ion: 56 Resp: 25266
Ion Ratio Lower Upper
56 100
55 71.4 56.1 84.1



#14
Allyl chloride
Concen: 21.157 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 41 Resp: 50781
Ion Ratio Lower Upper
41 100
39 75.0 56.0 84.0
76 35.0 27.5 41.3

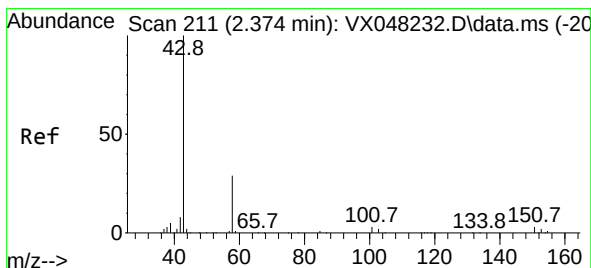
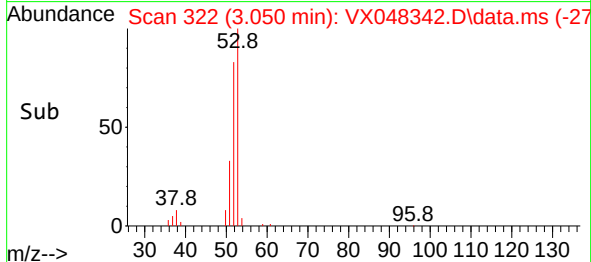
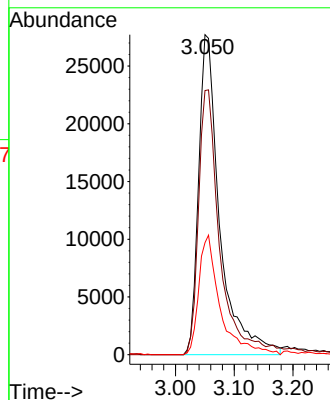
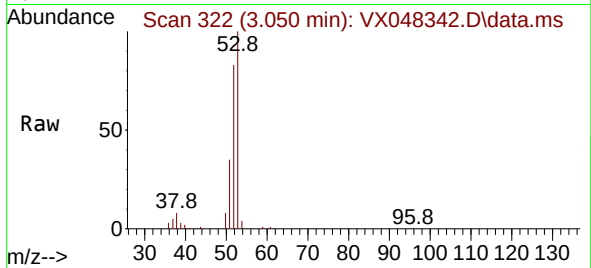




#15
Acrylonitrile
Concen: 100.473 ug/l
RT: 3.050 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

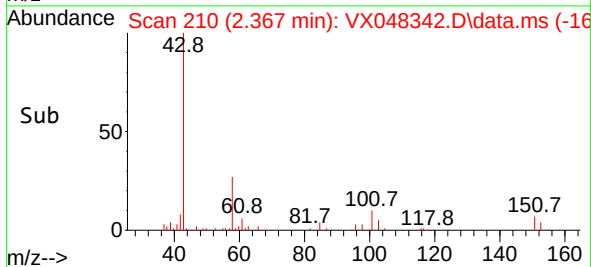
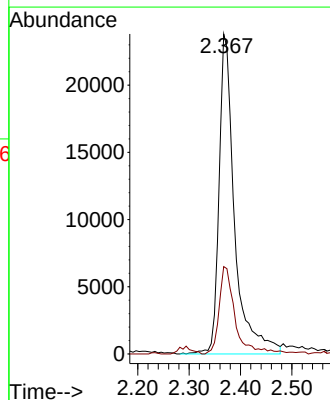
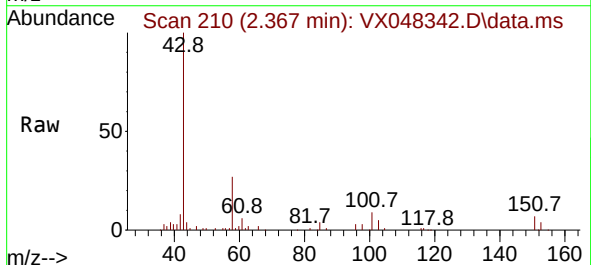
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD01

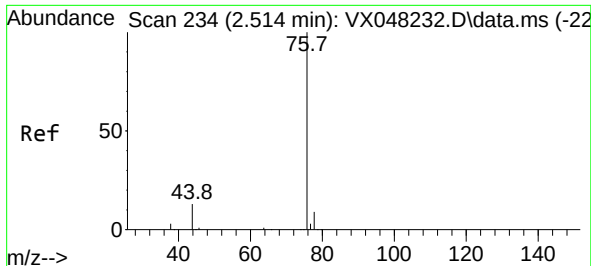
Tgt Ion: 53 Resp: 69449
Ion Ratio Lower Upper
53 100
52 83.0 66.1 99.1
51 37.6 29.0 43.4



#16
Acetone
Concen: 75.524 ug/l
RT: 2.367 min Scan# 210
Delta R.T. -0.006 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 43 Resp: 50022
Ion Ratio Lower Upper
43 100
58 26.8 23.4 35.2

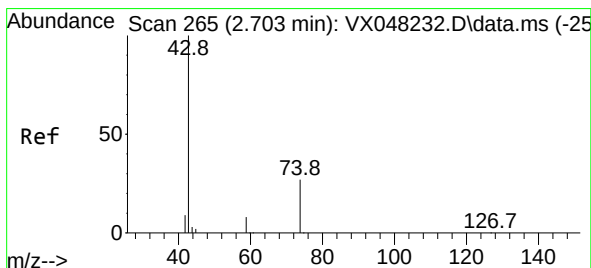
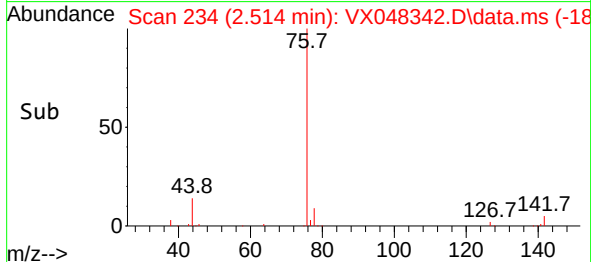
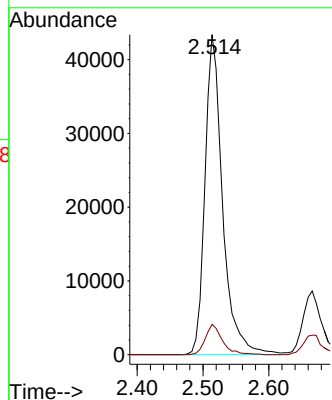
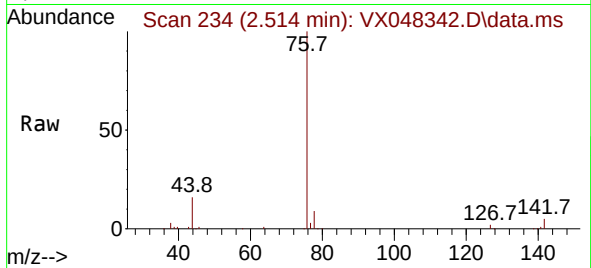




#17
Carbon Disulfide
Concen: 17.735 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

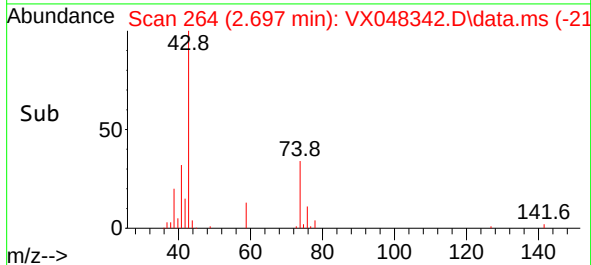
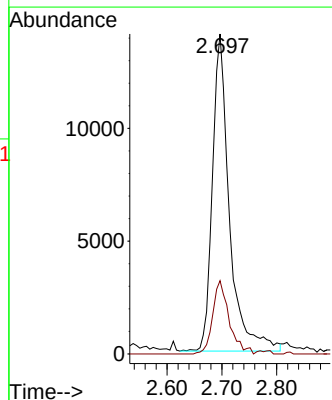
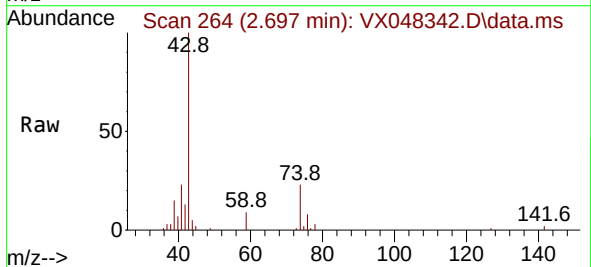
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD01

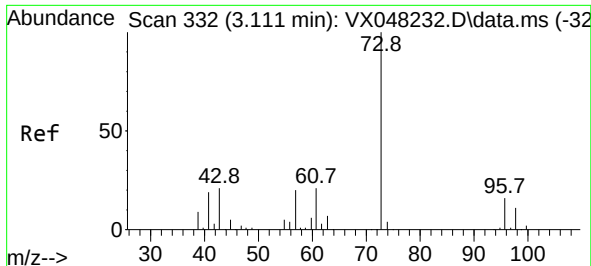
Tgt Ion: 76 Resp: 80803
Ion Ratio Lower Upper
76 100
78 9.7 7.1 10.7



#18
Methyl Acetate
Concen: 21.879 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 43 Resp: 30264
Ion Ratio Lower Upper
43 100
74 22.5 17.5 26.3

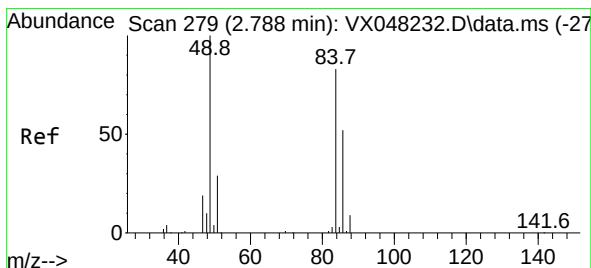
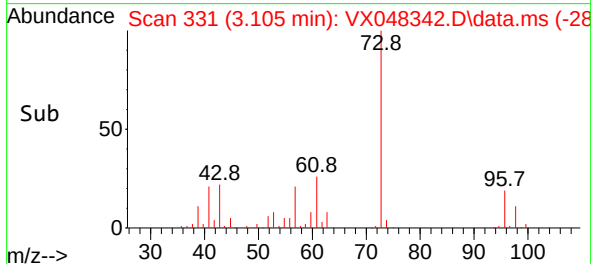
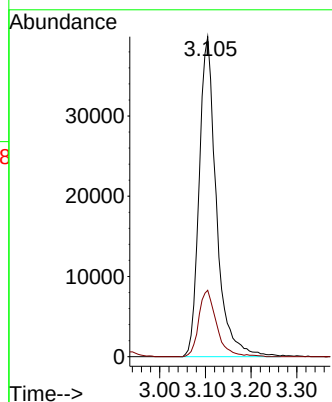
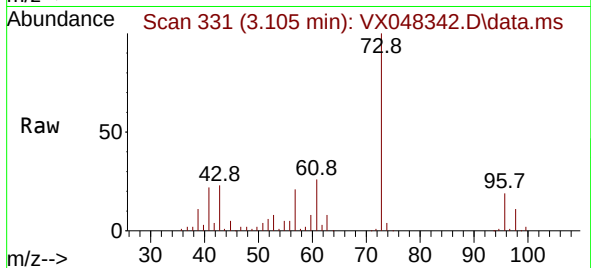




#19
Methyl tert-butyl Ether
Concen: 21.145 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

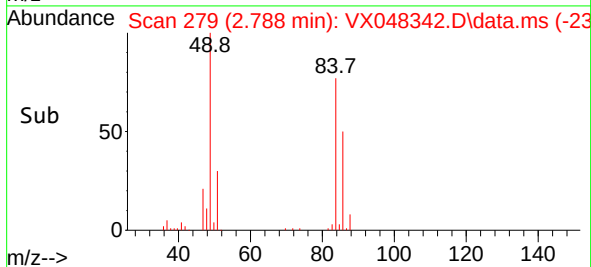
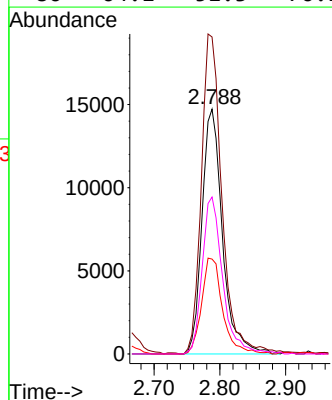
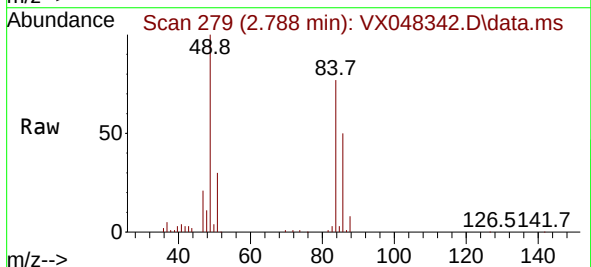
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD01

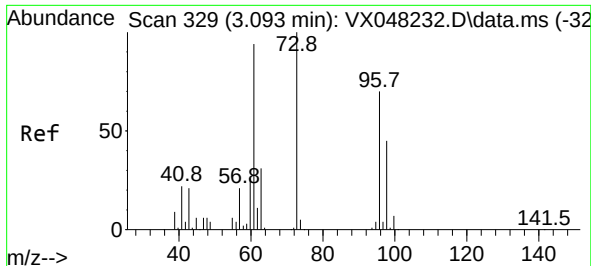
Tgt Ion: 73 Resp: 104287
Ion Ratio Lower Upper
73 100
57 20.7 17.7 26.5



#20
Methylene Chloride
Concen: 19.778 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 84 Resp: 31918
Ion Ratio Lower Upper
84 100
49 129.4 104.1 156.1
51 38.7 31.3 46.9
86 64.1 51.3 76.9

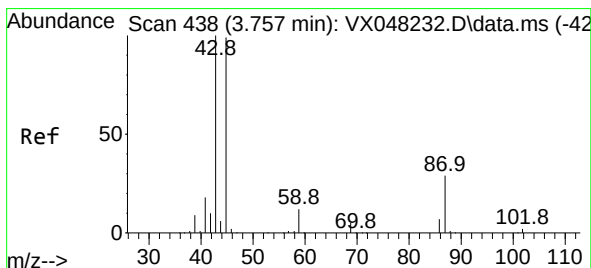
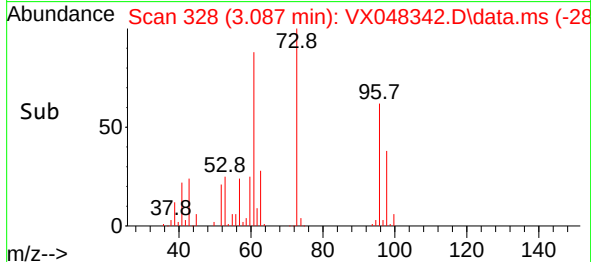
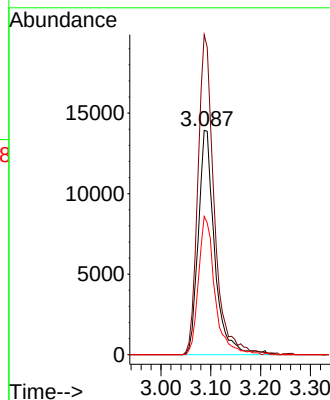
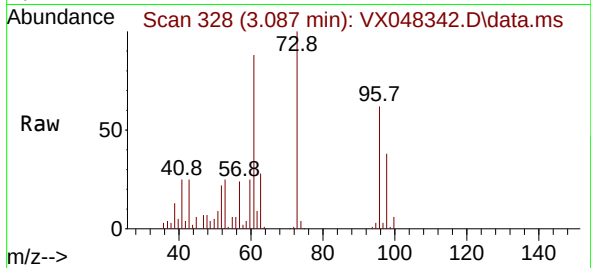




#21
trans-1,2-Dichloroethene
Concen: 19.984 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

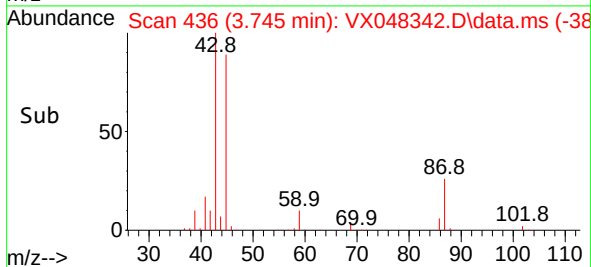
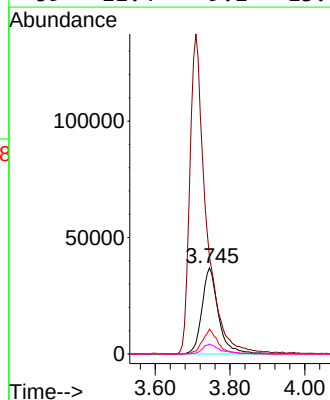
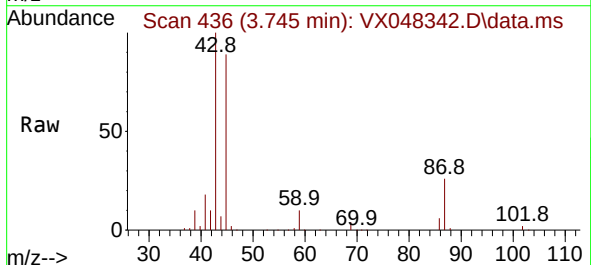
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD01

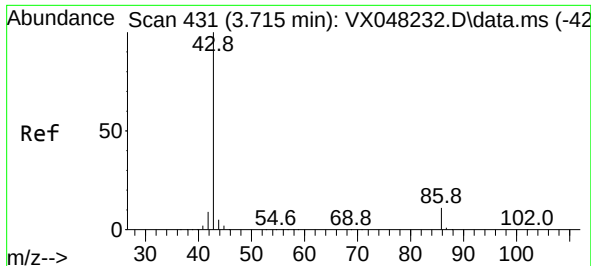
Tgt Ion: 96 Resp: 31734
Ion Ratio Lower Upper
96 100
61 142.7 111.9 167.9
98 61.6 51.2 76.8



#22
Diisopropyl ether
Concen: 23.579 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 45 Resp: 112880
Ion Ratio Lower Upper
45 100
43 110.6 89.8 134.8
87 29.1 20.6 31.0
59 11.4 9.1 13.7

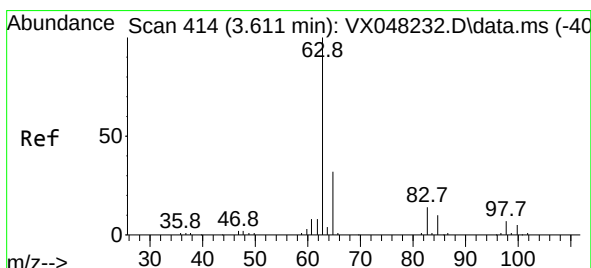
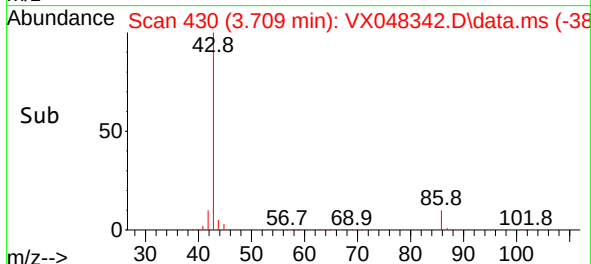
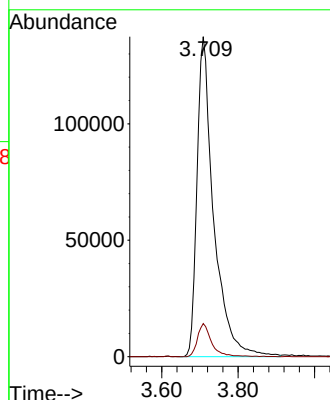
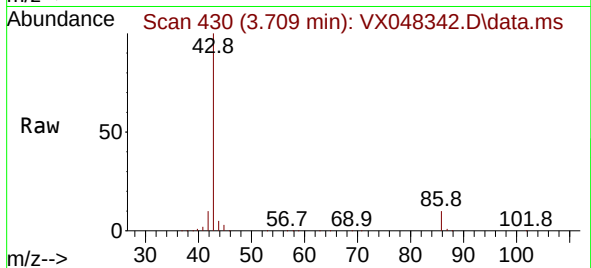




#23
 Vinyl Acetate
 Concen: 108.723 ug/l
 RT: 3.709 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX048342.D
 Acq: 24 Oct 2025 10:43

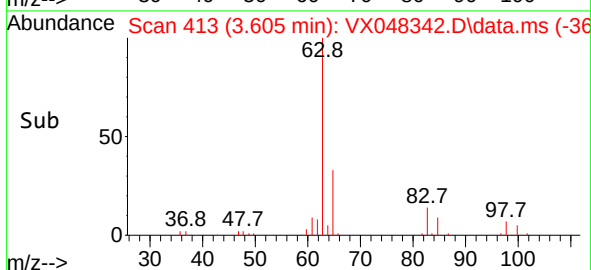
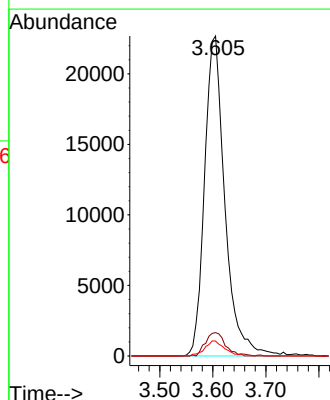
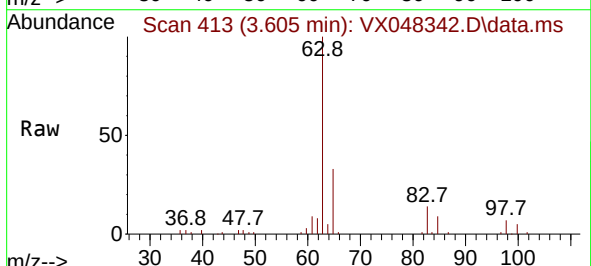
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBSD01

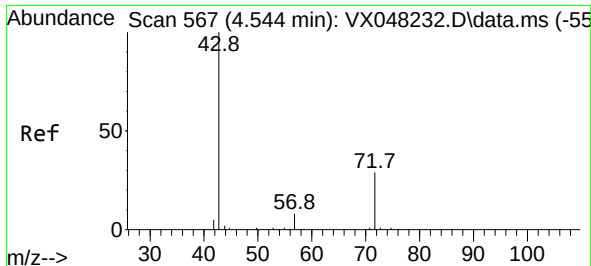
Tgt Ion: 43 Resp: 415767
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 20.853 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX048342.D
 Acq: 24 Oct 2025 10:43

Tgt Ion: 63 Resp: 60362
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.6
 100 4.6 2.1 6.3

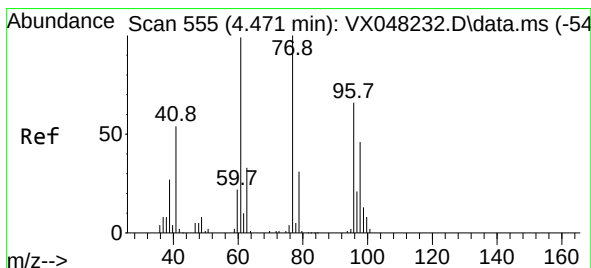
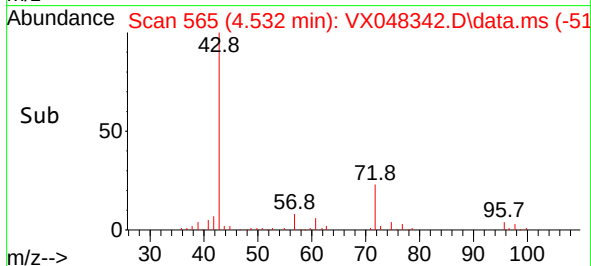
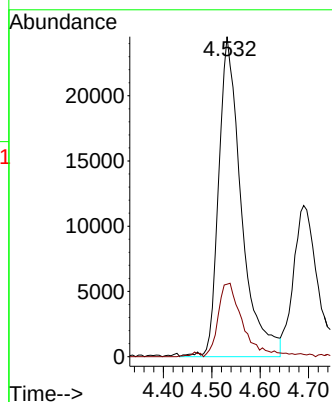
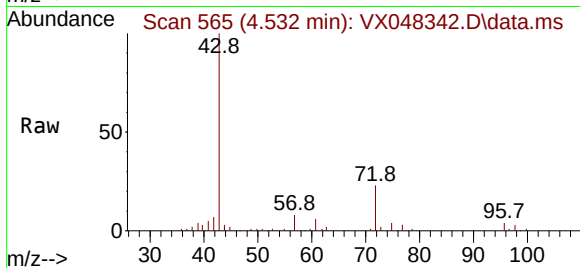




#25
2-Butanone
Concen: 95.179 ug/l
RT: 4.532 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

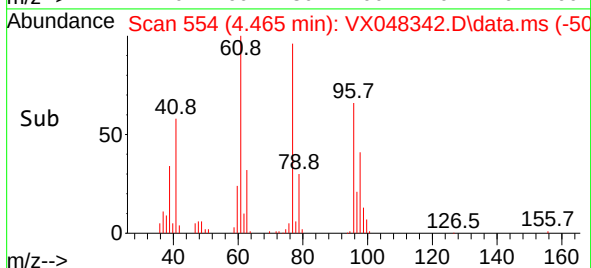
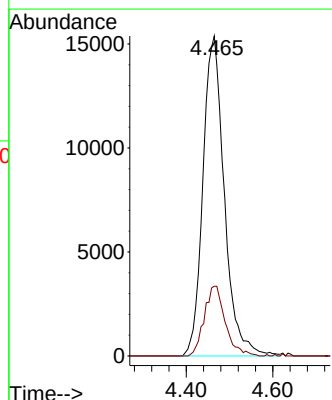
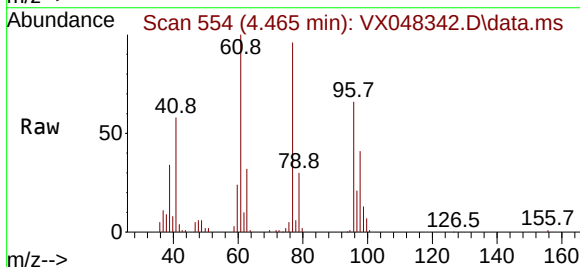
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD01

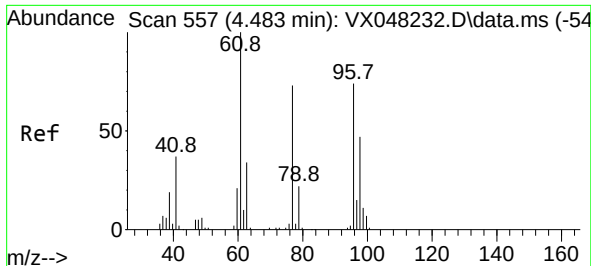
Tgt Ion: 43 Resp: 79792
Ion Ratio Lower Upper
43 100
72 22.4 19.9 29.9



#26
2,2-Dichloropropane
Concen: 20.211 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 77 Resp: 52806
Ion Ratio Lower Upper
77 100
97 21.4 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 20.128 ug/l

RT: 4.477 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX048342.D

Acq: 24 Oct 2025 10:43

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBSD01

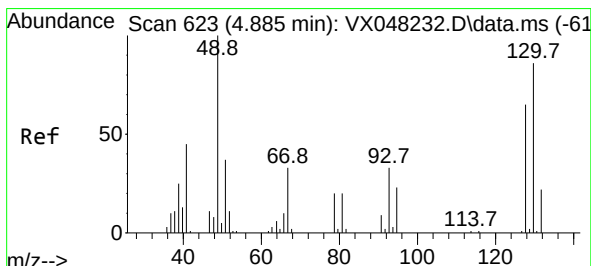
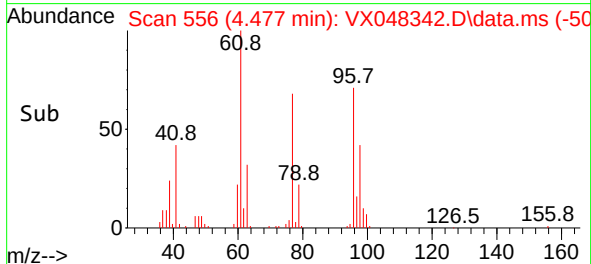
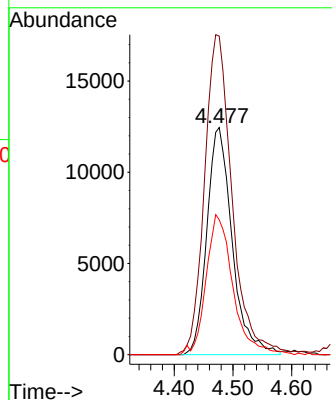
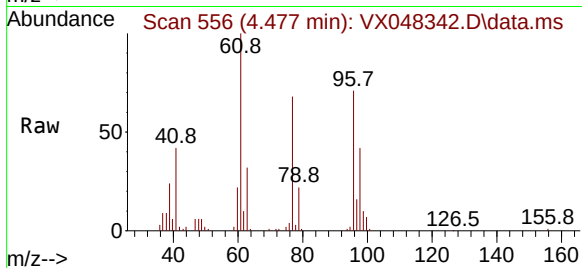
Tgt Ion: 96 Resp: 37304

Ion Ratio Lower Upper

96 100

61 153.3 0.0 294.2

98 65.3 0.0 128.4



#28

Bromochloromethane

Concen: 21.783 ug/l

RT: 4.885 min Scan# 623

Delta R.T. -0.000 min

Lab File: VX048342.D

Acq: 24 Oct 2025 10:43

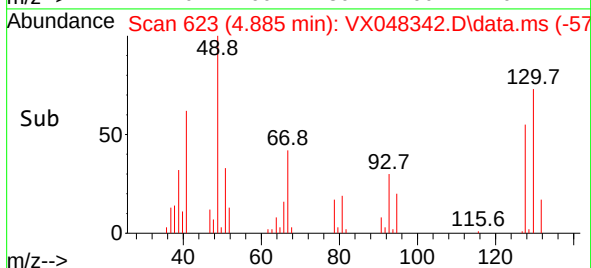
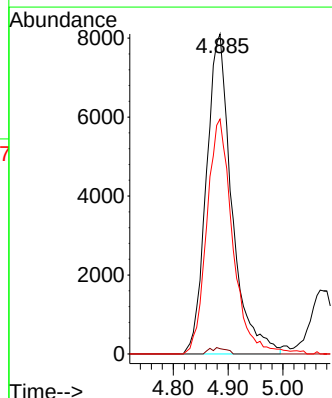
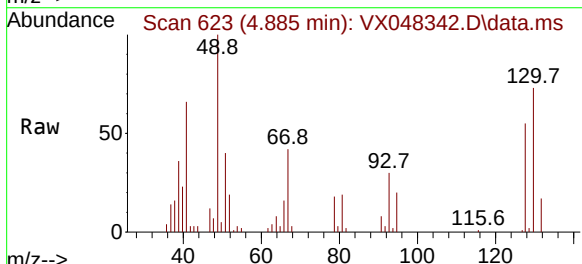
Tgt Ion: 49 Resp: 26145

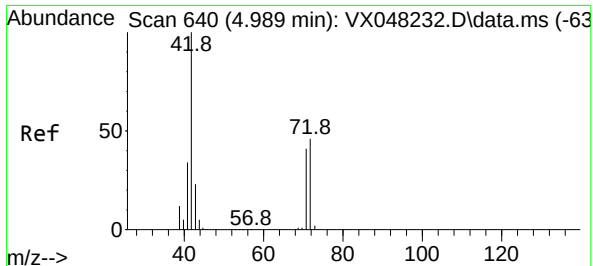
Ion Ratio Lower Upper

49 100

129 1.3 0.0 4.4

130 74.9 59.3 88.9





#29

Tetrahydrofuran

Concen: 103.102 ug/l

RT: 4.983 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX048342.D

Acq: 24 Oct 2025 10:43

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBSD01

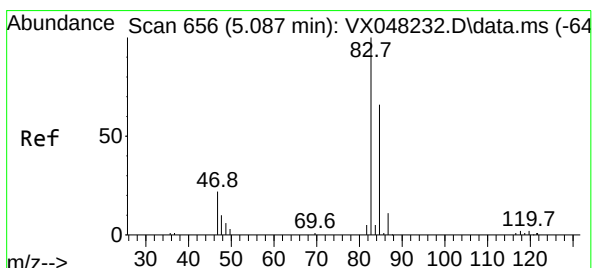
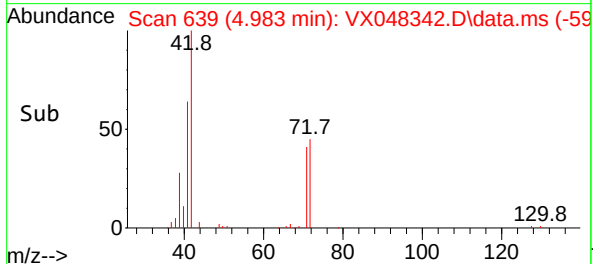
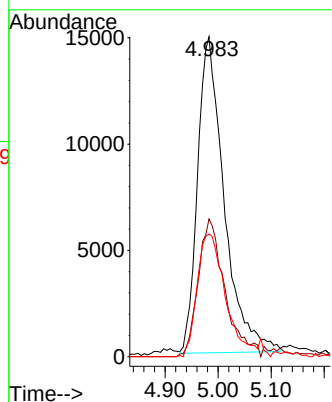
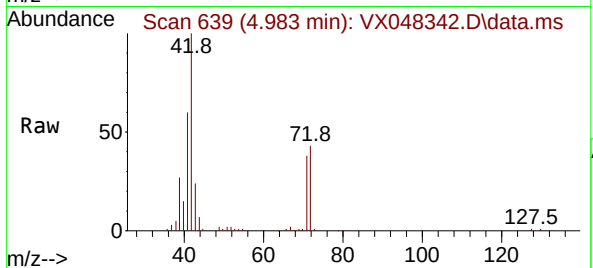
Tgt Ion: 42 Resp: 51766

Ion Ratio Lower Upper

42 100

72 43.6 35.3 52.9

71 40.6 32.2 48.4



#30

Chloroform

Concen: 20.821 ug/l

RT: 5.074 min Scan# 654

Delta R.T. -0.006 min

Lab File: VX048342.D

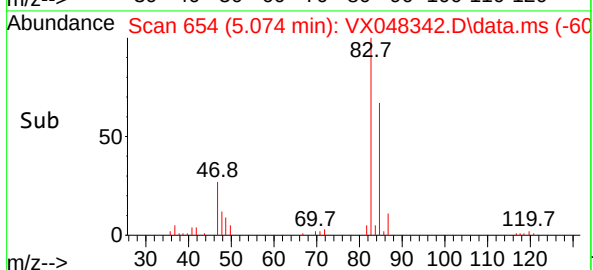
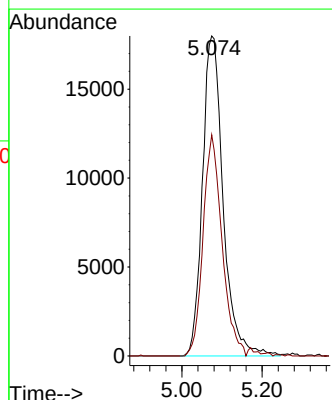
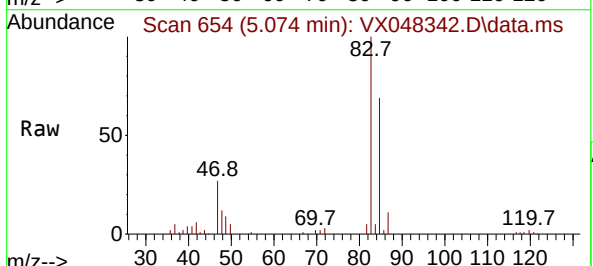
Acq: 24 Oct 2025 10:43

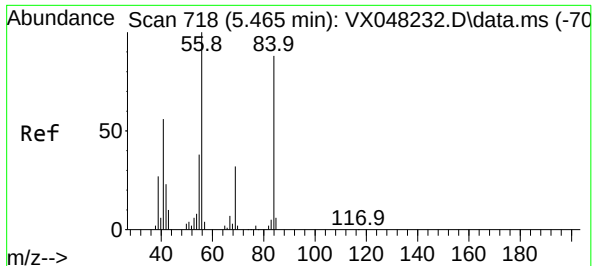
Tgt Ion: 83 Resp: 64392

Ion Ratio Lower Upper

83 100

85 69.1 50.1 75.1

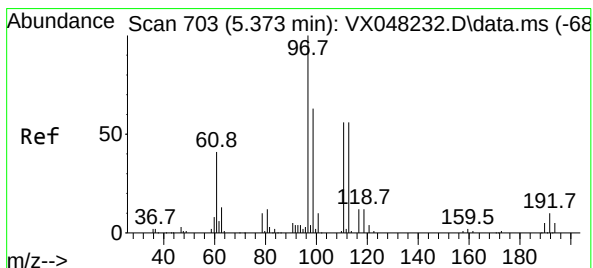
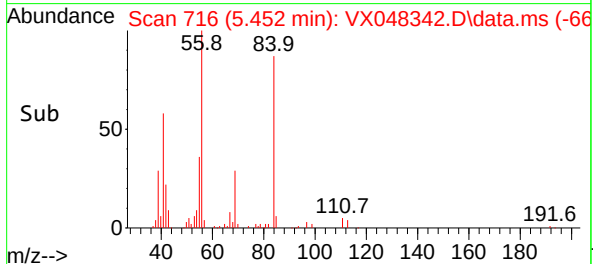
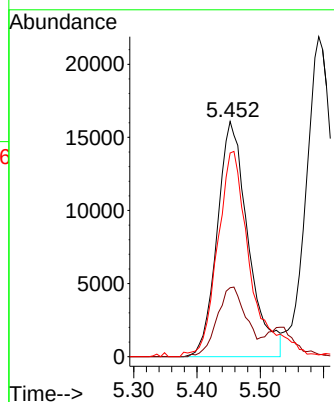
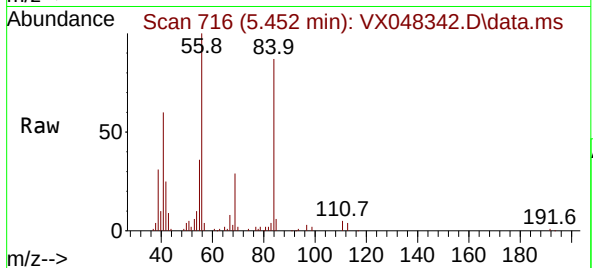




#31
Cyclohexane
Concen: 22.824 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.006 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

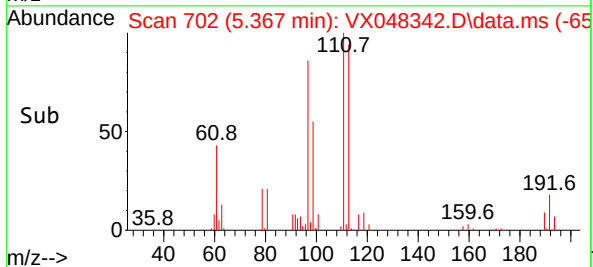
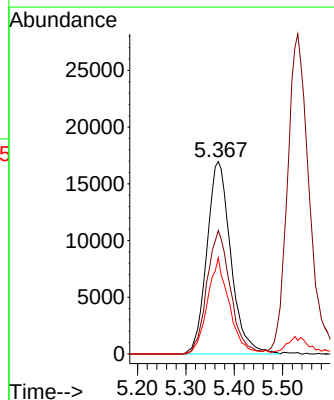
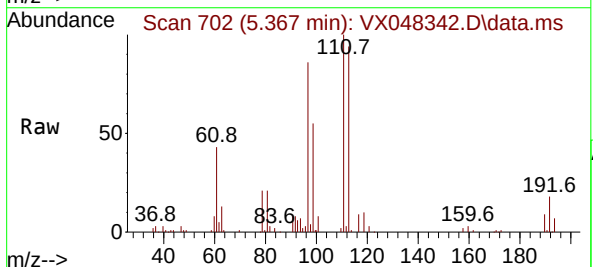
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD01

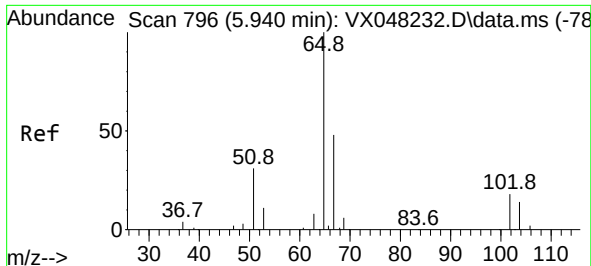
Tgt Ion: 56 Resp: 54699
Ion Ratio Lower Upper
56 100
69 29.0 23.0 34.6
84 86.6 64.6 97.0



#32
1,1,1-Trichloroethane
Concen: 20.420 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 97 Resp: 58203
Ion Ratio Lower Upper
97 100
99 62.8 51.7 77.5
61 45.4 34.8 52.2

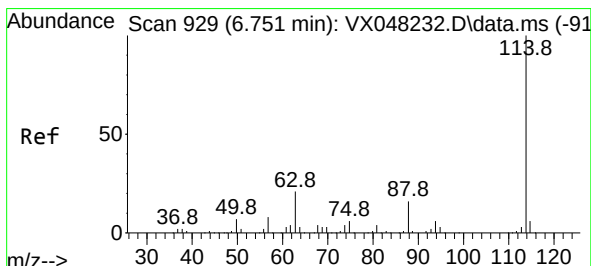
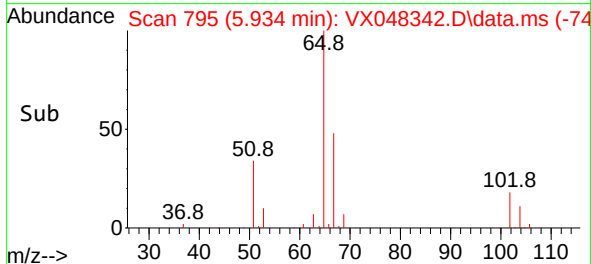
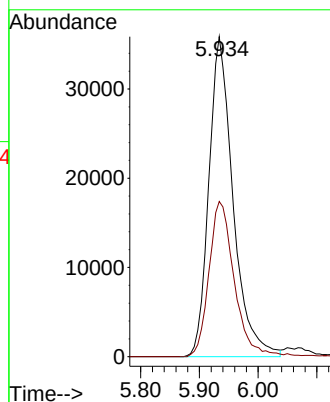
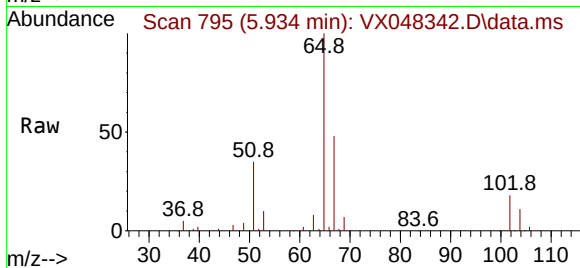




#33
 1,2-Dichloroethane-d4
 Concen: 53.127 ug/l
 RT: 5.934 min Scan# 796
 Delta R.T. -0.006 min
 Lab File: VX048342.D
 Acq: 24 Oct 2025 10:43

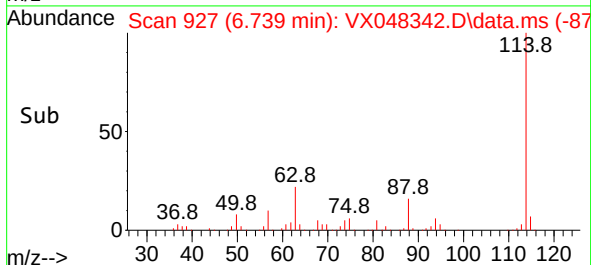
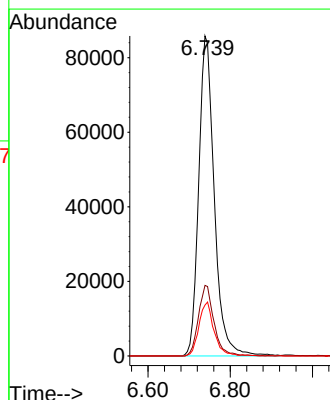
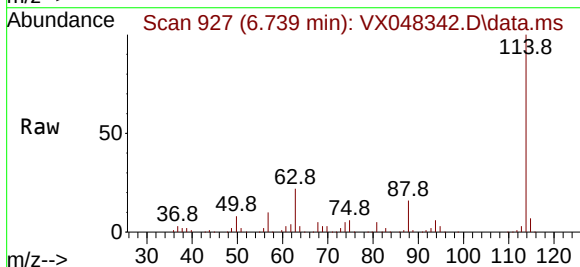
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBSD01

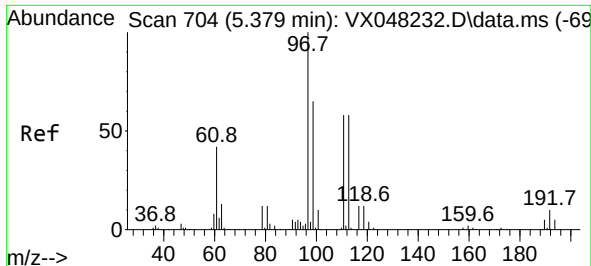
Tgt Ion: 65 Resp: 102570
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.739 min Scan# 927
 Delta R.T. -0.006 min
 Lab File: VX048342.D
 Acq: 24 Oct 2025 10:43

Tgt Ion: 114 Resp: 225696
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 43.2
 88 15.9 0.0 33.6

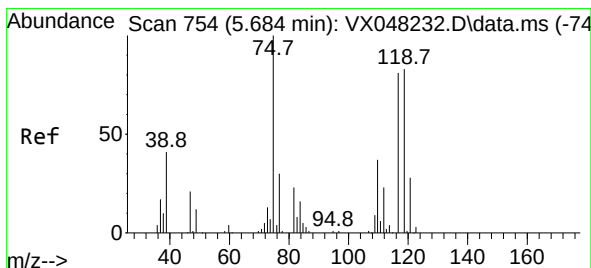
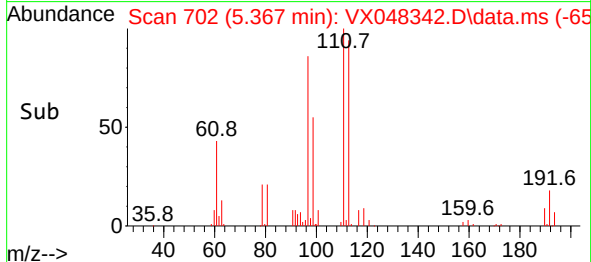
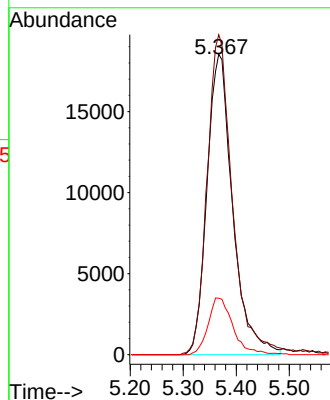
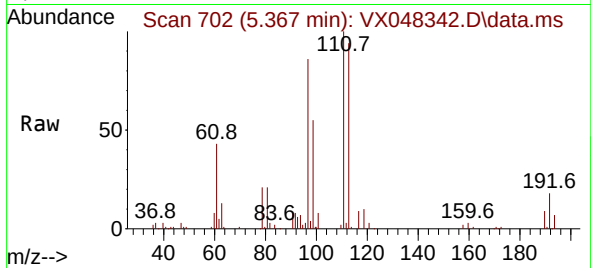




#35
Dibromofluoromethane
Concen: 40.386 ug/l
RT: 5.367 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

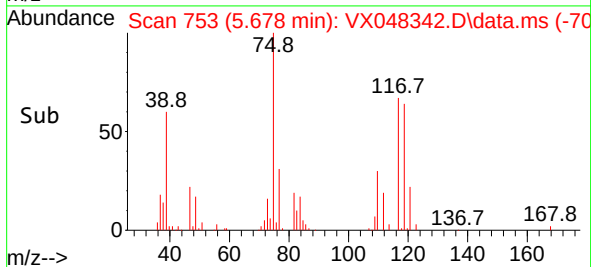
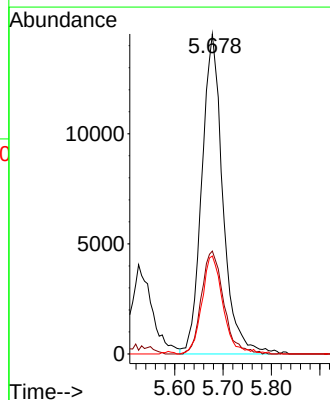
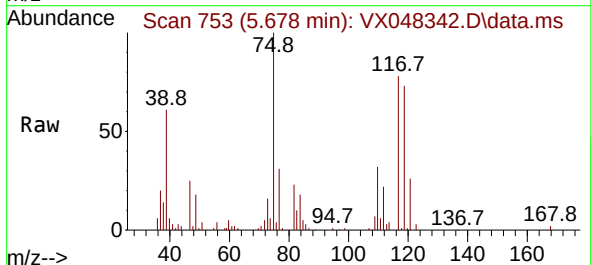
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD01

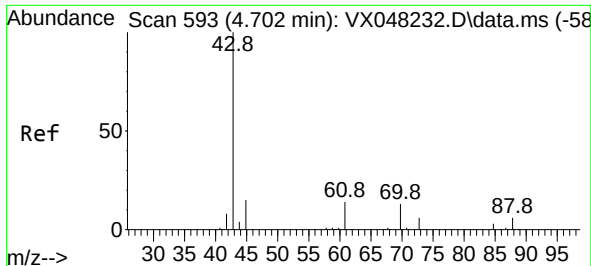
Tgt Ion:113 Resp: 62228
Ion Ratio Lower Upper
113 100
111 105.3 82.2 123.4
192 18.4 15.1 22.7



#36
1,1-Dichloropropene
Concen: 20.099 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 75 Resp: 44017
Ion Ratio Lower Upper
75 100
110 33.9 17.7 53.1
77 30.6 24.3 36.5

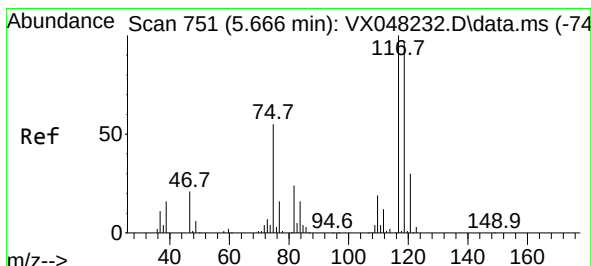
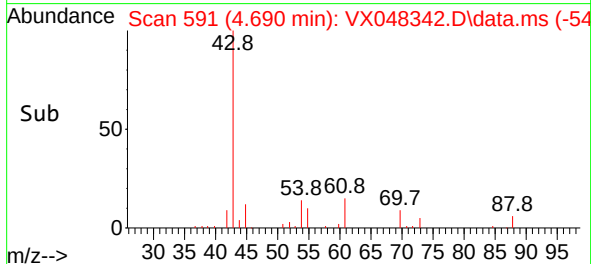
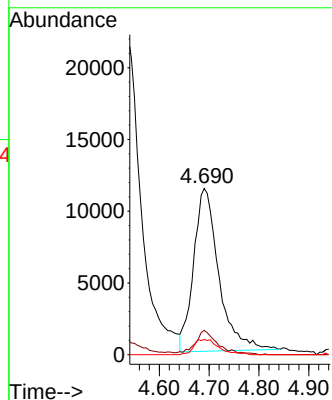
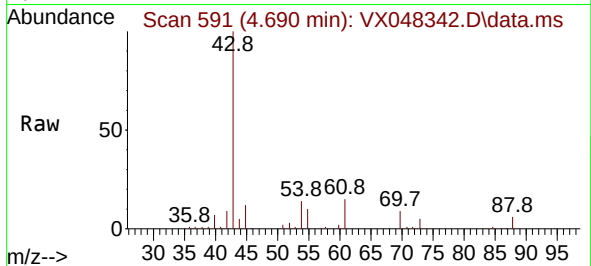




#37
Ethyl Acetate
Concen: 21.905 ug/l
RT: 4.690 min Scan# 591
Delta R.T. -0.006 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

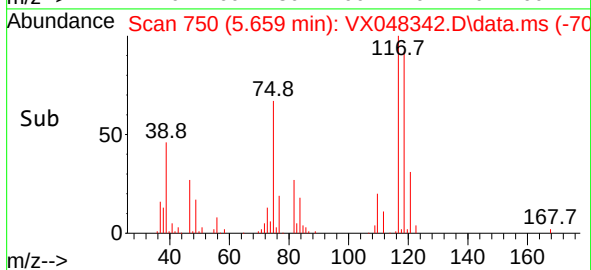
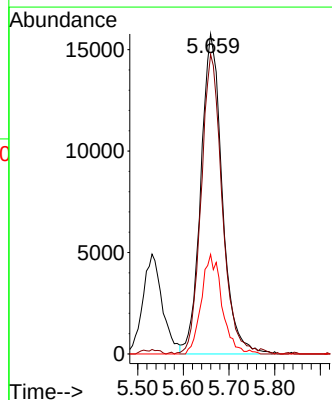
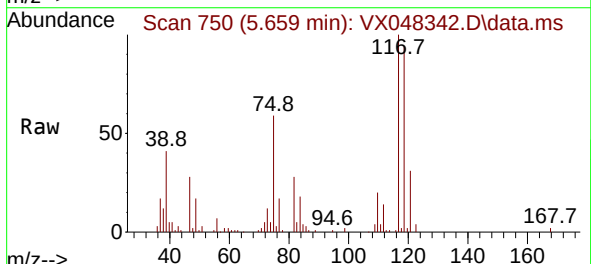
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD01

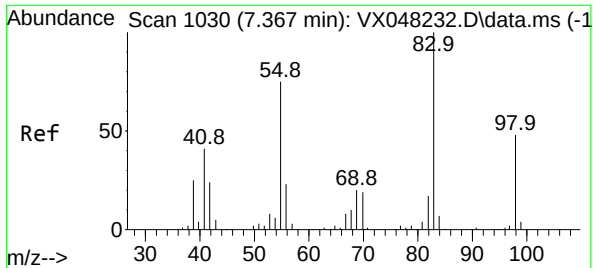
Tgt Ion: 43 Resp: 39763
Ion Ratio Lower Upper
43 100
61 13.5 10.6 15.8
70 9.2 7.8 11.6



#38
Carbon Tetrachloride
Concen: 19.010 ug/l
RT: 5.659 min Scan# 750
Delta R.T. -0.006 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 117 Resp: 51364
Ion Ratio Lower Upper
117 100
119 93.6 77.2 115.8
121 31.1 24.8 37.2

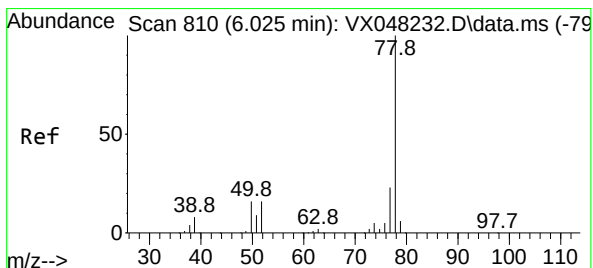
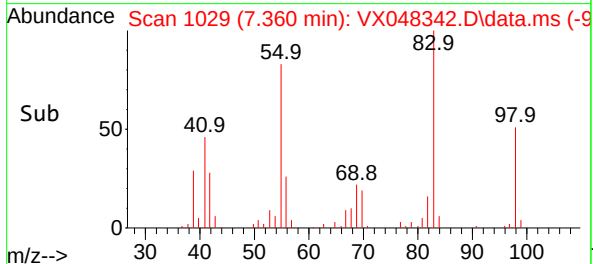
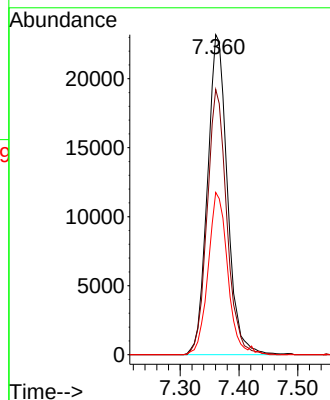
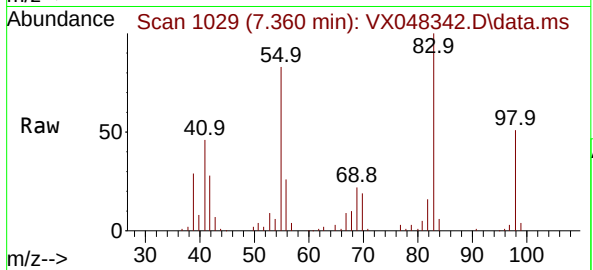




#39
Methylcyclohexane
Concen: 21.126 ug/l
RT: 7.360 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

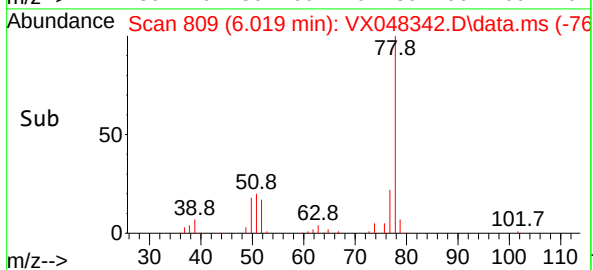
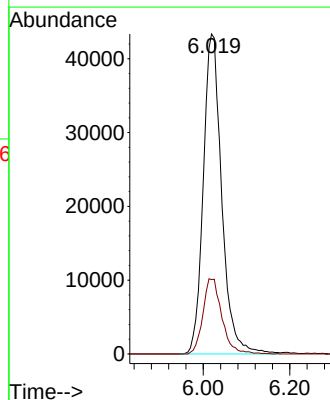
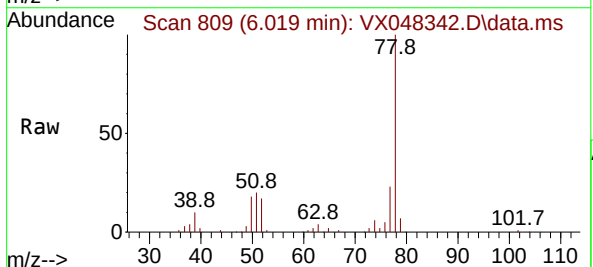
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD01

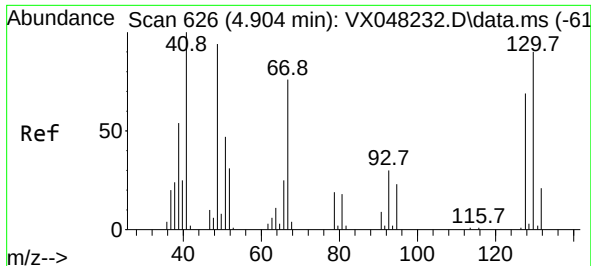
Tgt Ion: 83 Resp: 54639
Ion Ratio Lower Upper
83 100
55 82.9 66.2 99.2
98 50.7 38.9 58.3



#40
Benzene
Concen: 20.148 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 78 Resp: 128108
Ion Ratio Lower Upper
78 100
77 23.3 19.3 28.9



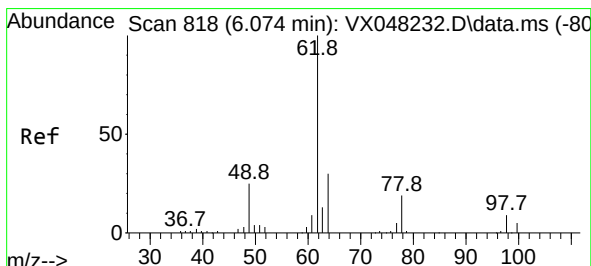
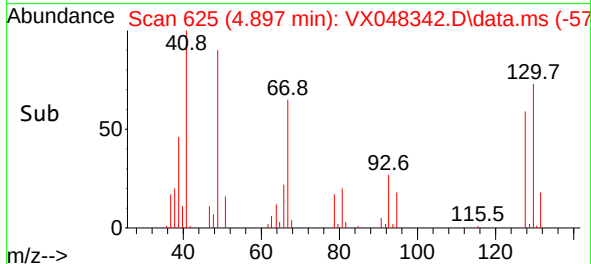
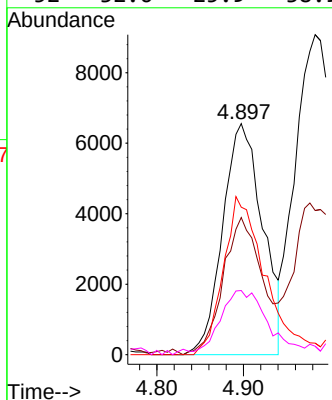
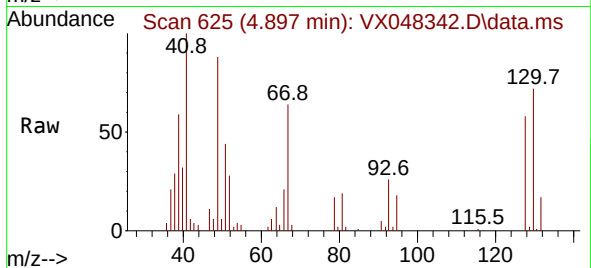


#41
Methacrylonitrile
Concen: 22.057 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD01

Tgt Ion: 41 Resp: 21026

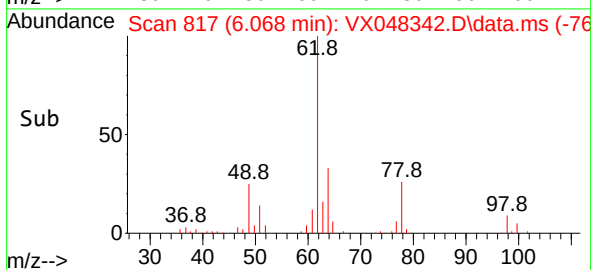
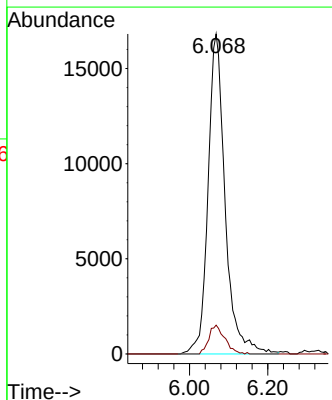
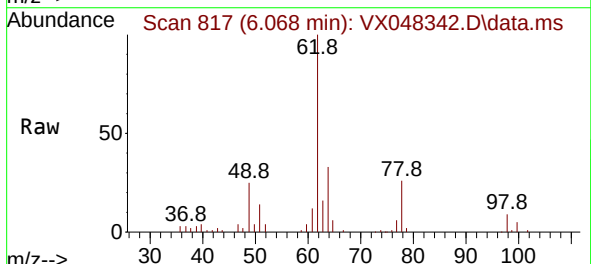
Ion	Ratio	Lower	Upper
41	100		
39	56.1	44.0	66.0
67	71.7	58.7	88.1
52	32.6	25.9	38.9

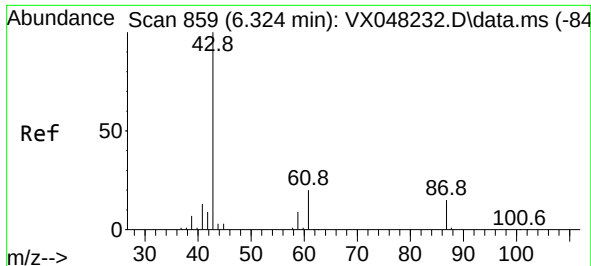


#42
1,2-Dichloroethane
Concen: 21.642 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 62 Resp: 50777

Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.2

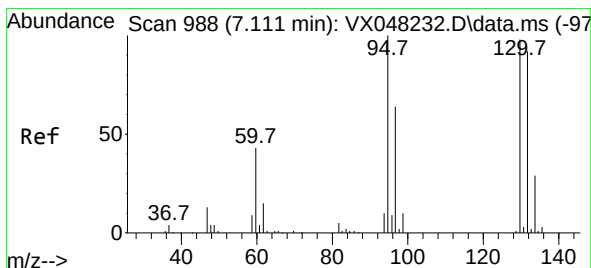
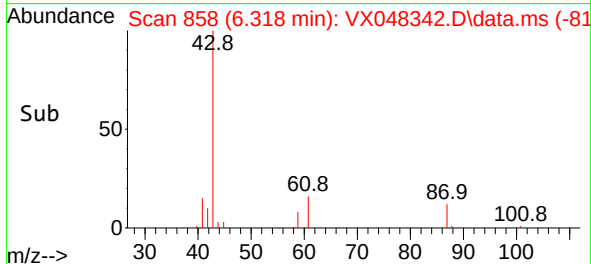
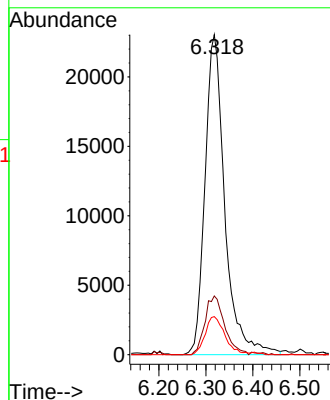
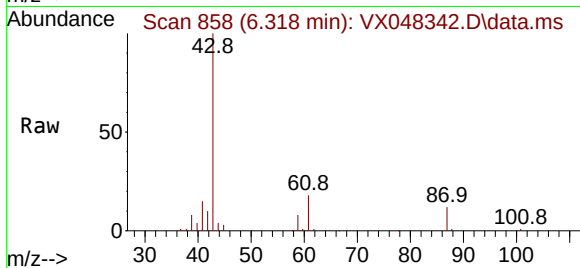




#43
Isopropyl Acetate
Concen: 22.554 ug/l
RT: 6.318 min Scan# 859
Delta R.T. -0.006 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

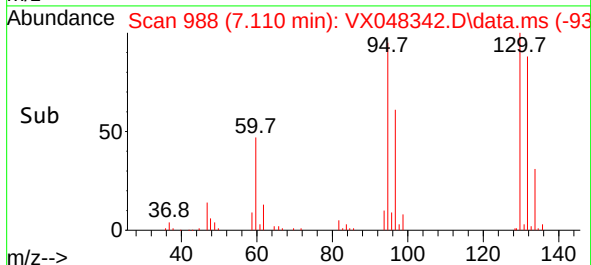
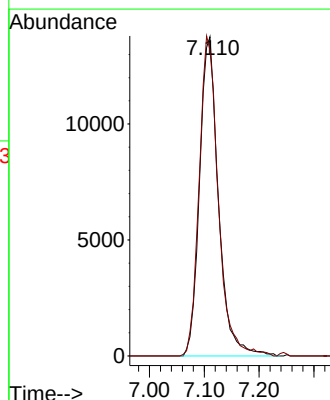
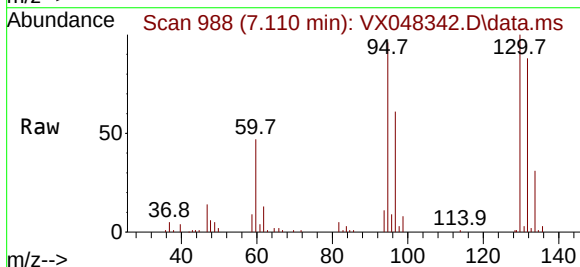
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD01

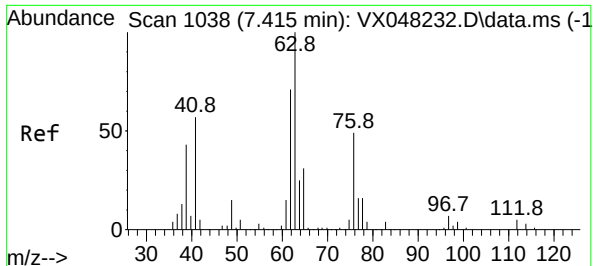
Tgt Ion: 43 Resp: 67251
Ion Ratio Lower Upper
43 100
61 18.2 14.9 22.3
87 11.8 9.4 14.2



#44
Trichloroethene
Concen: 19.616 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion:130 Resp: 32933
Ion Ratio Lower Upper
130 100
95 95.8 0.0 200.6





#45

1,2-Dichloropropane

Concen: 21.779 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX048342.D

Acq: 24 Oct 2025 10:43

Instrument :

MSVOA_X

ClientSampleId :

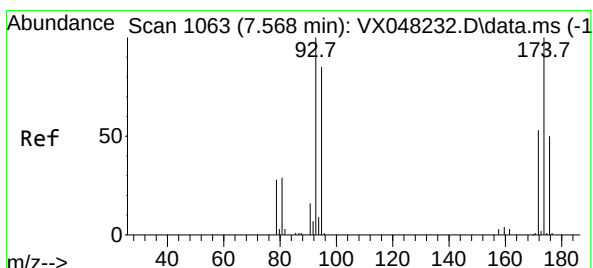
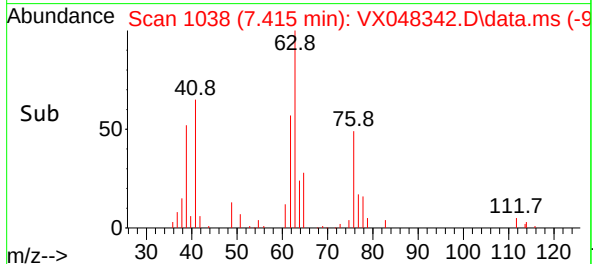
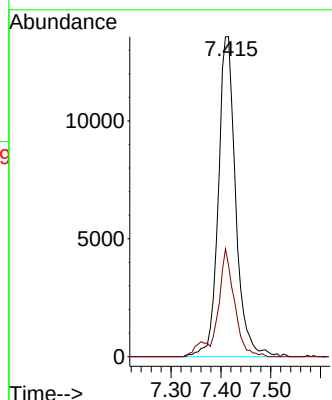
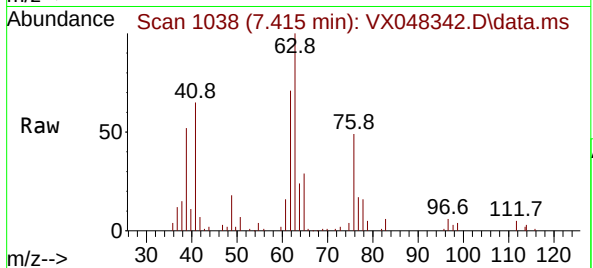
VX1024WBSD01

Tgt Ion: 63 Resp: 32923

Ion Ratio Lower Upper

63 100

65 28.6 24.1 36.1



#46

Dibromomethane

Concen: 20.200 ug/l

RT: 7.562 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VX048342.D

Acq: 24 Oct 2025 10:43

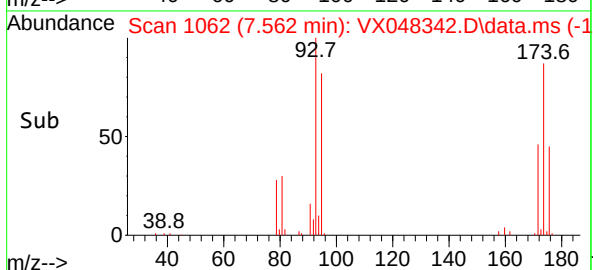
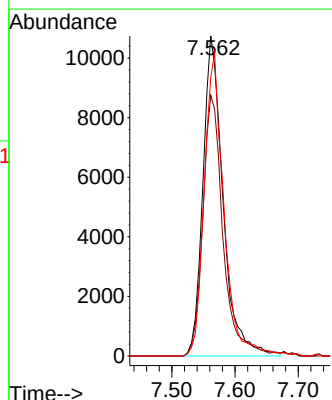
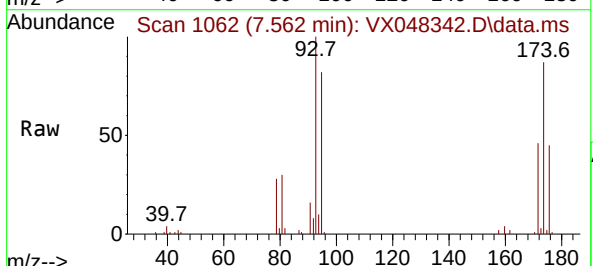
Tgt Ion: 93 Resp: 23790

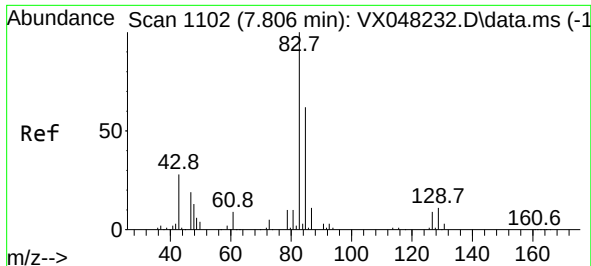
Ion Ratio Lower Upper

93 100

95 81.3 65.9 98.9

174 92.9 71.7 107.5

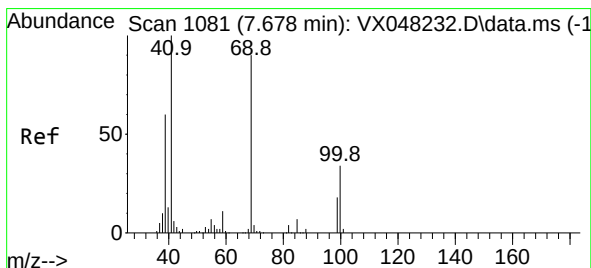
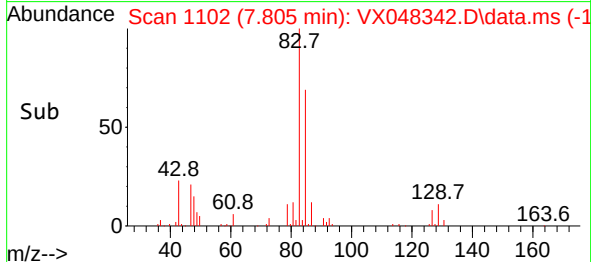
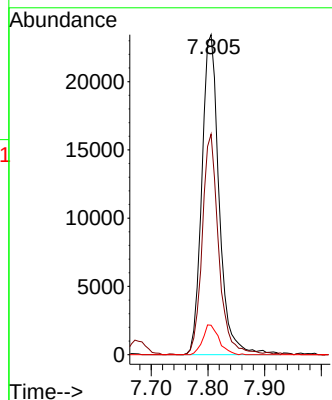
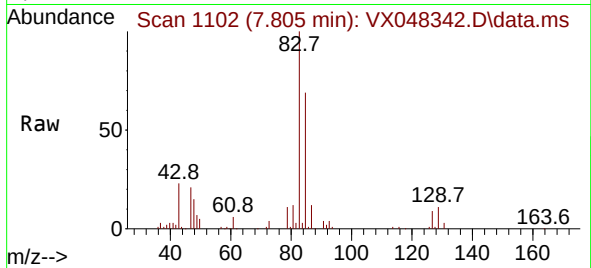




#47
Bromodichloromethane
Concen: 19.549 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

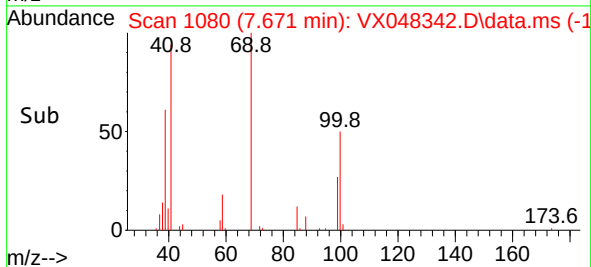
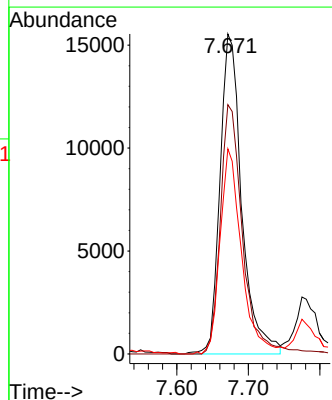
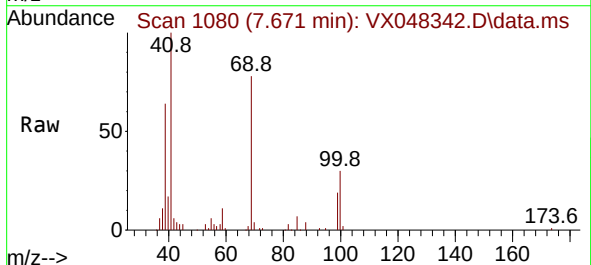
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD01

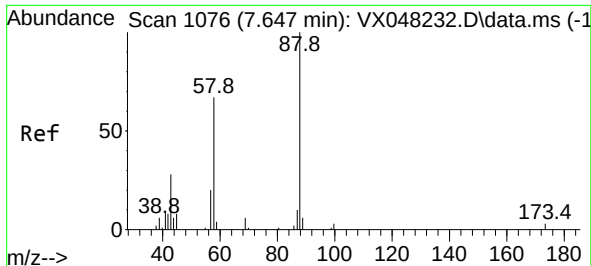
Tgt Ion: 83 Resp: 49713
Ion Ratio Lower Upper
83 100
85 68.9 52.2 78.4
127 9.2 7.3 10.9



#48
Methyl methacrylate
Concen: 21.813 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 41 Resp: 32820
Ion Ratio Lower Upper
41 100
69 80.1 63.4 95.0
39 63.6 47.1 70.7





#49

1,4-Dioxane

Concen: 343.399 ug/l

RT: 7.641 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VX048342.D

Acq: 24 Oct 2025 10:43

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBSD01

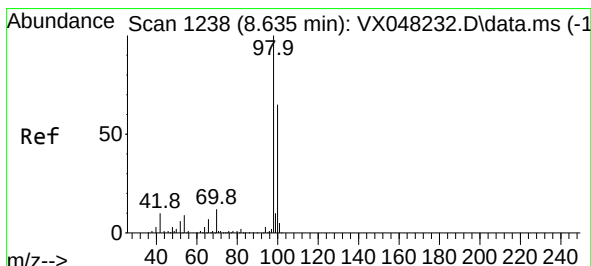
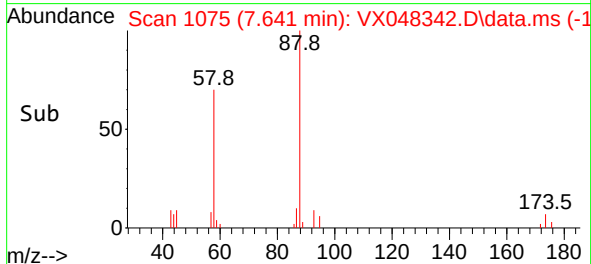
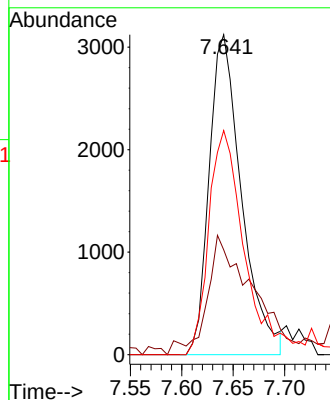
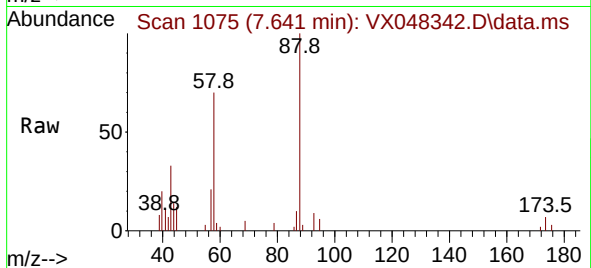
Tgt Ion: 88 Resp: 6826

Ion Ratio Lower Upper

88 100

43 52.6 35.0 52.4#

58 76.2 61.9 92.9



#50

Toluene-d8

Concen: 49.599 ug/l

RT: 8.628 min Scan# 1237

Delta R.T. -0.006 min

Lab File: VX048342.D

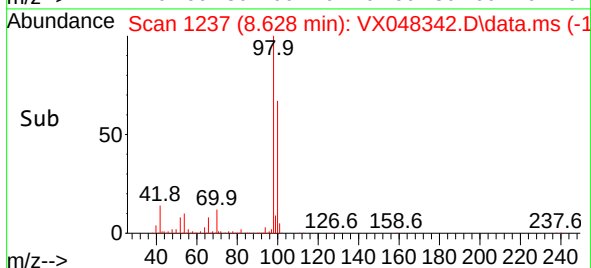
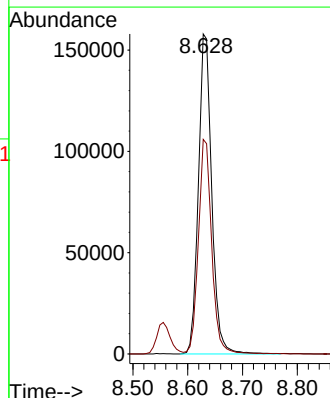
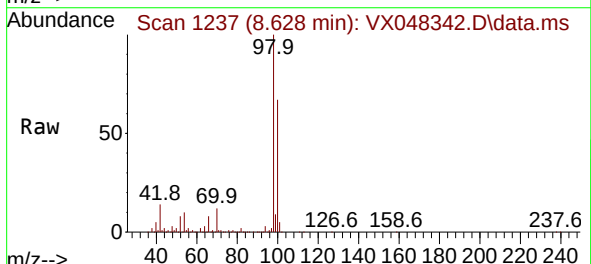
Acq: 24 Oct 2025 10:43

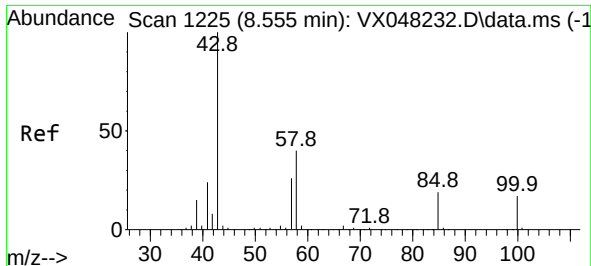
Tgt Ion: 98 Resp: 267872

Ion Ratio Lower Upper

98 100

100 66.5 53.0 79.4

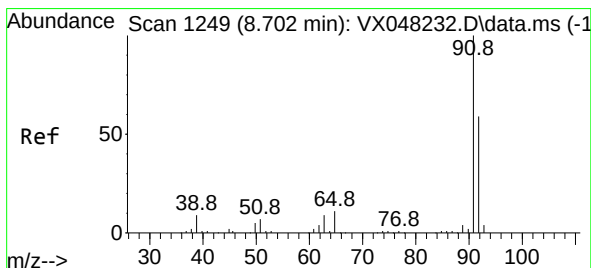
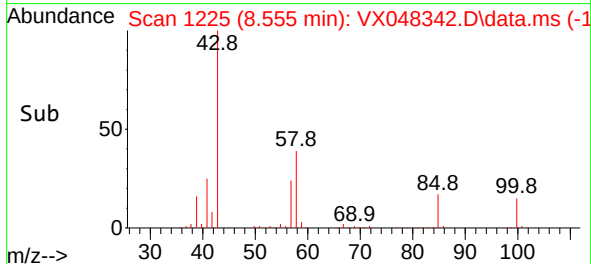
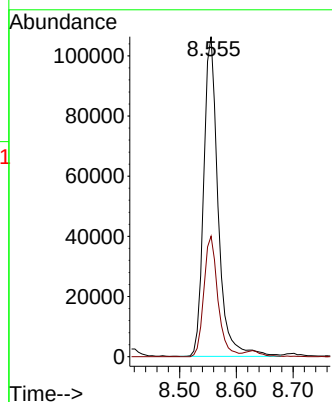
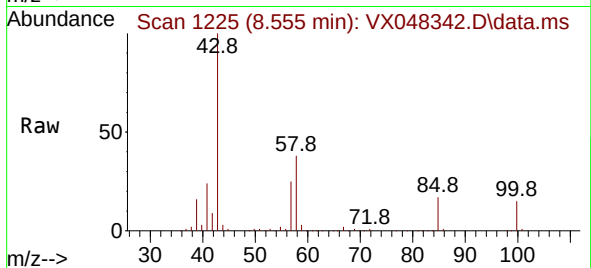




#51
4-Methyl-2-Pentanone
Concen: 109.755 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

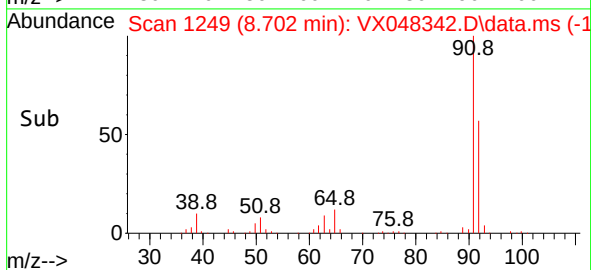
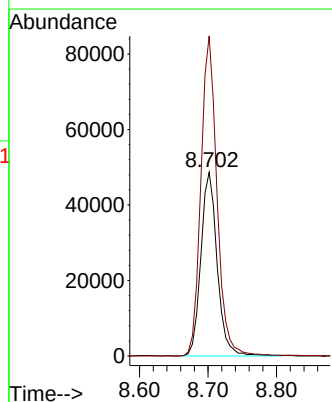
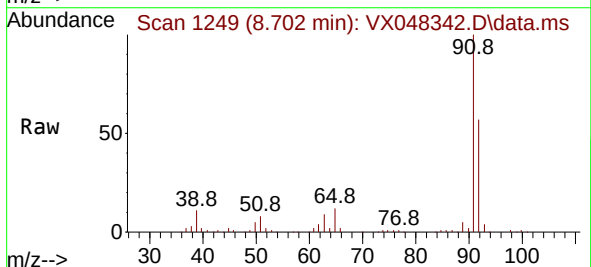
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD01

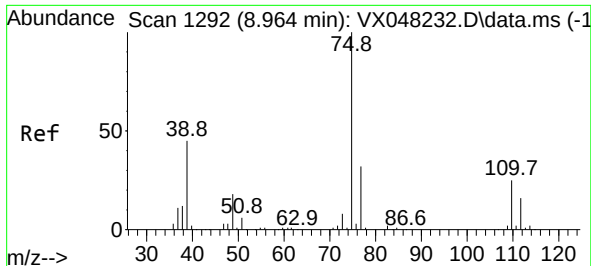
Tgt Ion: 43 Resp: 188686
Ion Ratio Lower Upper
43 100
58 36.4 29.5 44.3



#52
Toluene
Concen: 19.939 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 92 Resp: 80539
Ion Ratio Lower Upper
92 100
91 172.9 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 19.297 ug/l

RT: 8.964 min Scan# 1191

Delta R.T. -0.000 min

Lab File: VX048342.D

Acq: 24 Oct 2025 10:43

Instrument :

MSVOA_X

ClientSampleId :

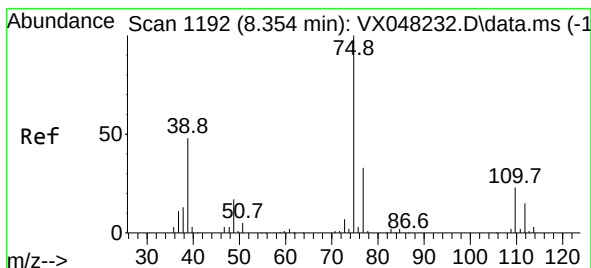
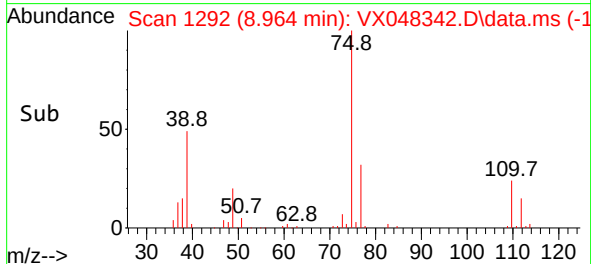
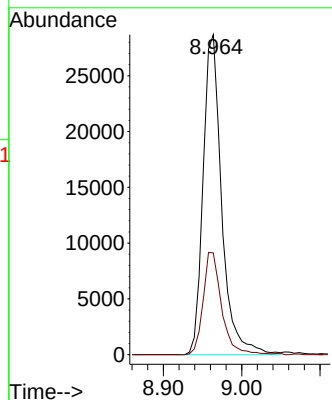
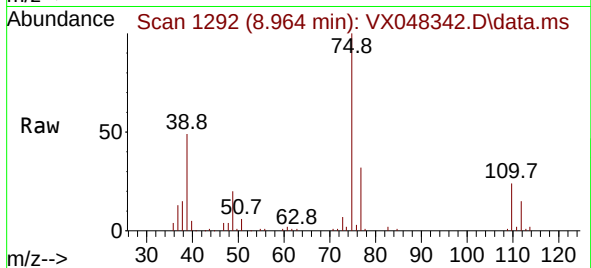
VX1024WBSD01

Tgt Ion: 75 Resp: 47287

Ion Ratio Lower Upper

75 100

77 31.8 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 18.957 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. -0.000 min

Lab File: VX048342.D

Acq: 24 Oct 2025 10:43

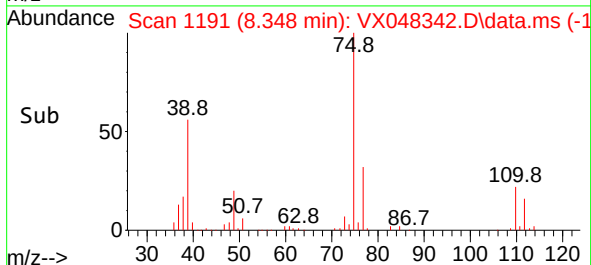
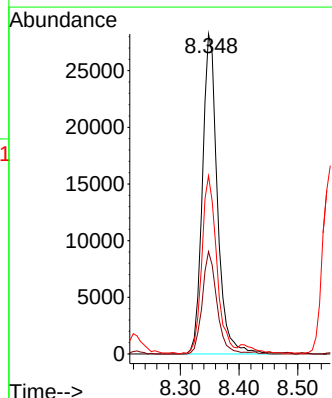
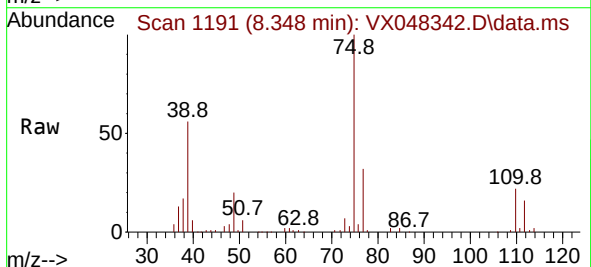
Tgt Ion: 75 Resp: 50121

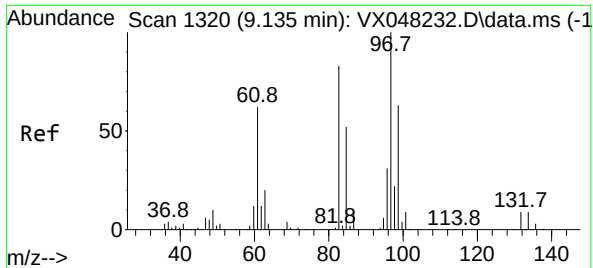
Ion Ratio Lower Upper

75 100

77 32.0 24.9 37.3

39 54.1 42.6 64.0

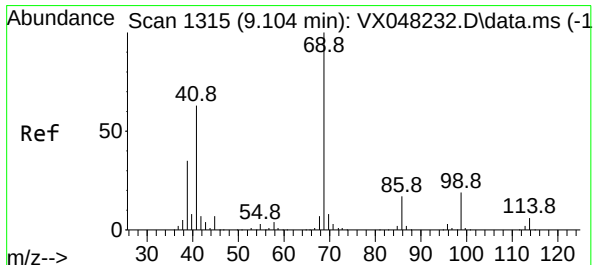
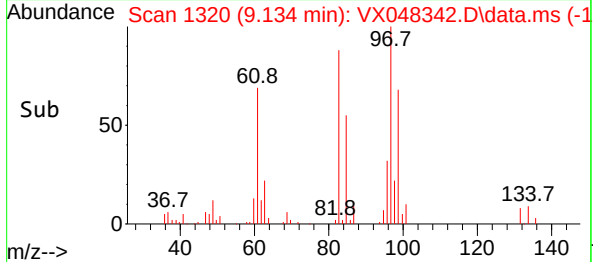
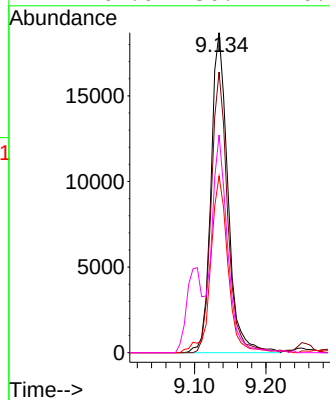
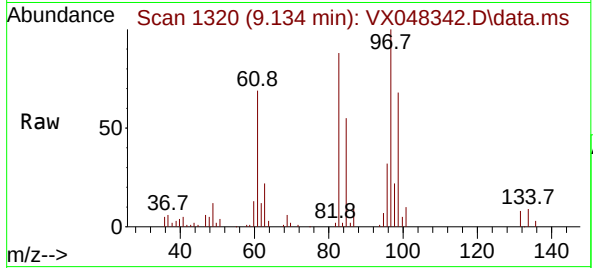




#55
 1,1,2-Trichloroethane
 Concen: 20.420 ug/l
 RT: 9.134 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048342.D
 Acq: 24 Oct 2025 10:43

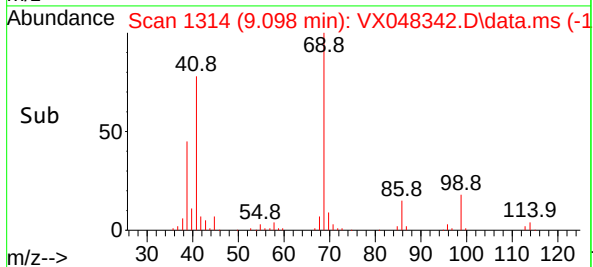
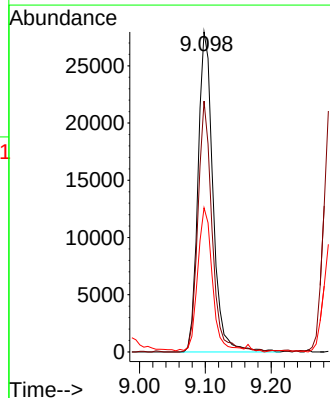
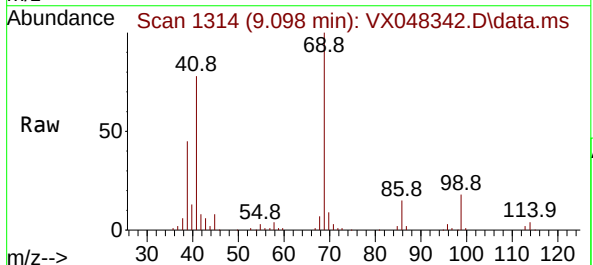
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBSD01

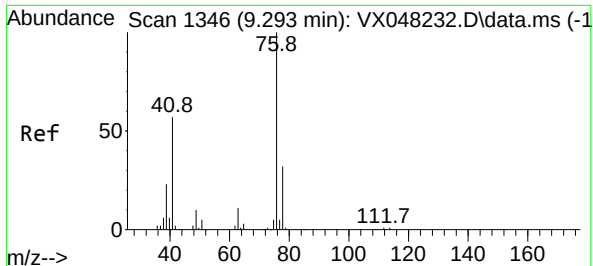
Tgt Ion:	97	Resp:	30674
Ion	Ratio	Lower	Upper
97	100		
83	87.7	70.6	105.8
85	55.2	45.0	67.6
99	67.6	50.9	76.3



#56
 Ethyl methacrylate
 Concen: 20.102 ug/l
 RT: 9.098 min Scan# 1314
 Delta R.T. -0.000 min
 Lab File: VX048342.D
 Acq: 24 Oct 2025 10:43

Tgt Ion:	69	Resp:	44167
Ion	Ratio	Lower	Upper
69	100		
41	74.6	56.0	84.0
39	43.4	31.6	47.4





#57

1,3-Dichloropropane

Concen: 20.781 ug/l

RT: 9.293 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048342.D

Acq: 24 Oct 2025 10:43

Instrument :

MSVOA_X

ClientSampleId :

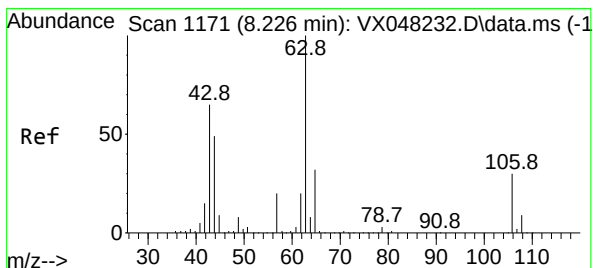
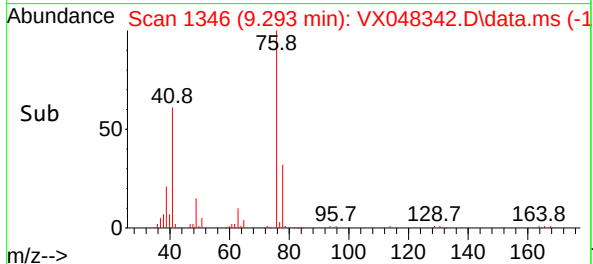
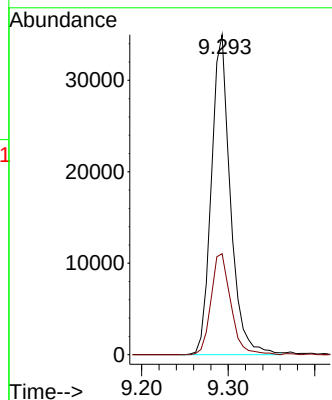
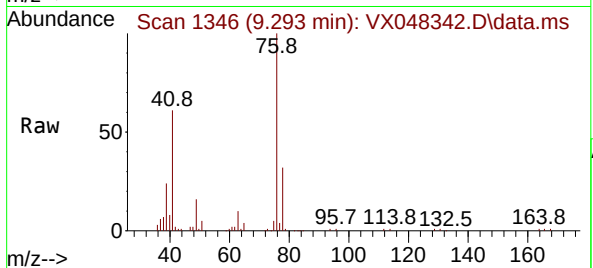
VX1024WBSD01

Tgt Ion: 76 Resp: 53321

Ion Ratio Lower Upper

76 100

78 32.9 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 101.339 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX048342.D

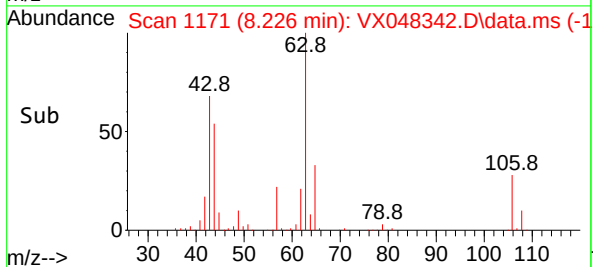
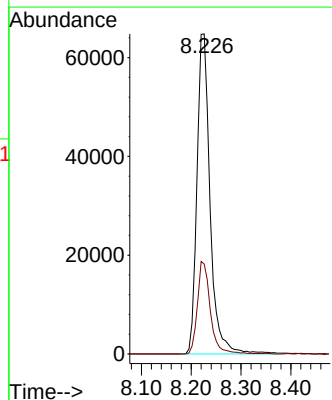
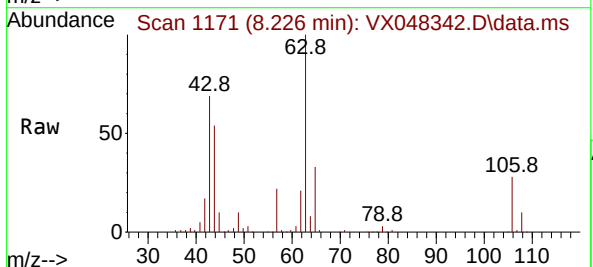
Acq: 24 Oct 2025 10:43

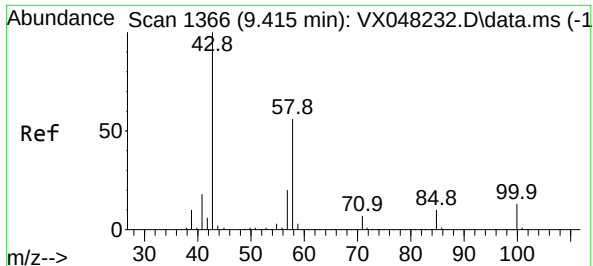
Tgt Ion: 63 Resp: 118521

Ion Ratio Lower Upper

63 100

106 28.4 22.2 33.2





#59

2-Hexanone

Concen: 104.343 ug/l

RT: 9.415 min Scan# 1366

Delta R.T. -0.000 min

Lab File: VX048342.D

Acq: 24 Oct 2025 10:43

Instrument :

MSVOA_X

ClientSampleId :

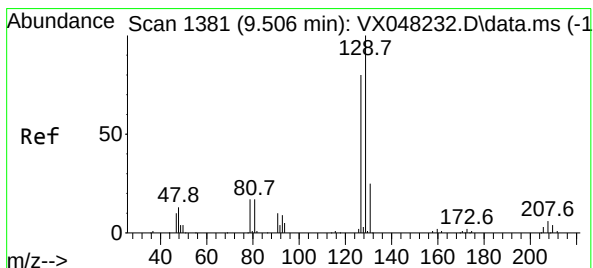
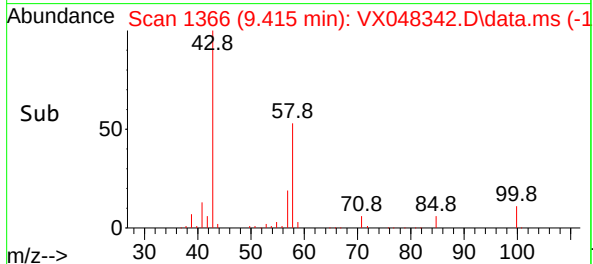
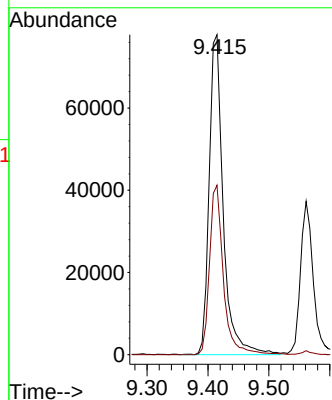
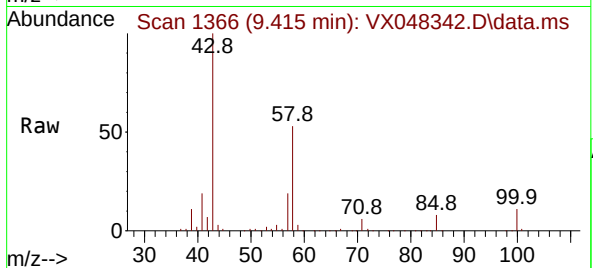
VX1024WBSD01

Tgt Ion: 43 Resp: 125081

Ion Ratio Lower Upper

43 100

58 52.4 26.3 78.8



#60

Dibromochloromethane

Concen: 18.168 ug/l

RT: 9.506 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VX048342.D

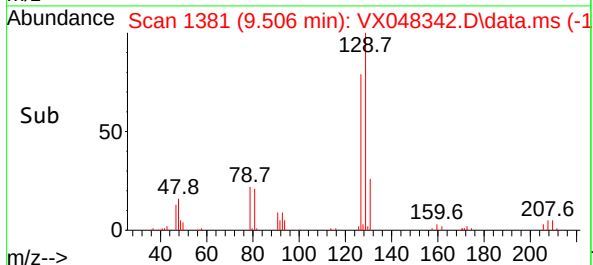
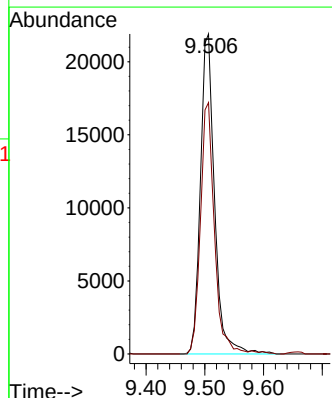
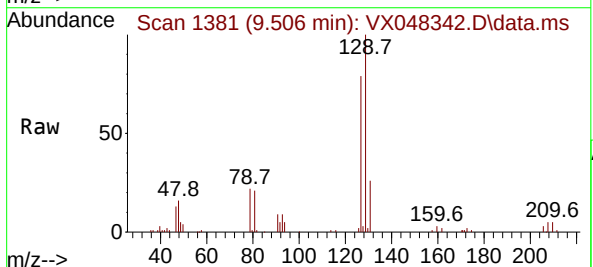
Acq: 24 Oct 2025 10:43

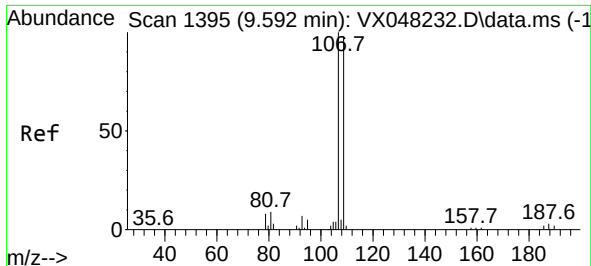
Tgt Ion: 129 Resp: 36681

Ion Ratio Lower Upper

129 100

127 77.3 38.6 115.7

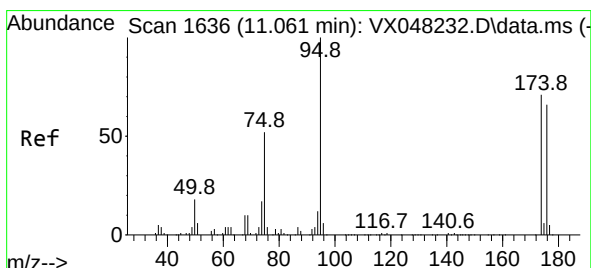
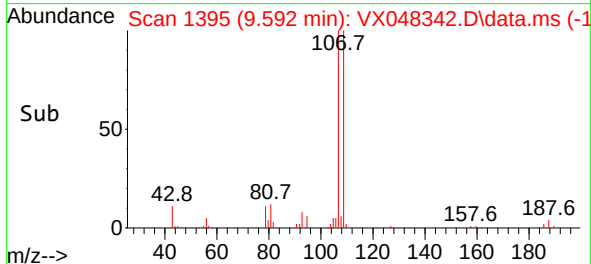
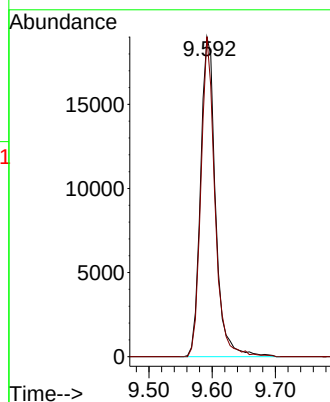
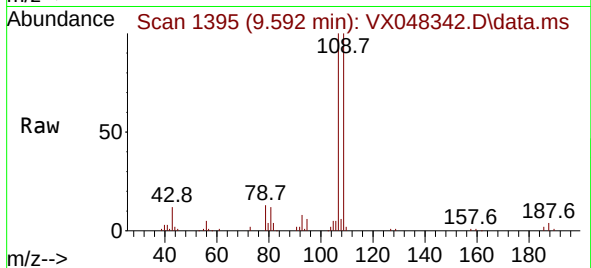




#61
1,2-Dibromoethane
Concen: 19.589 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

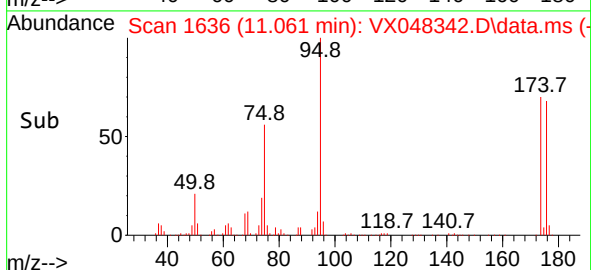
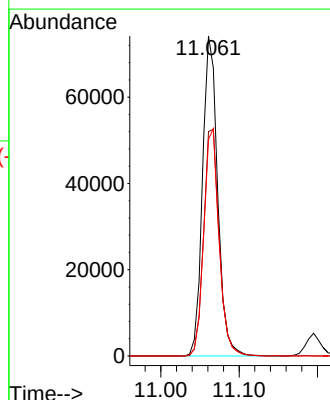
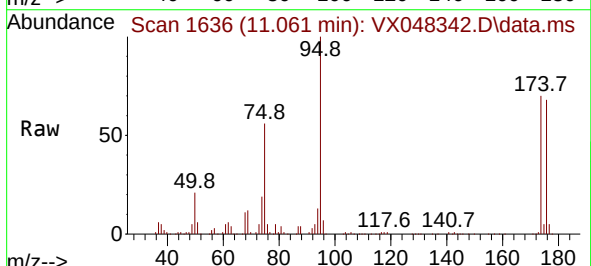
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD01

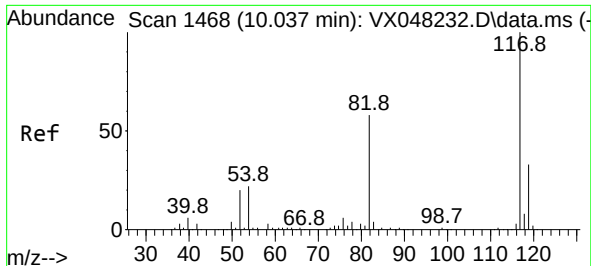
Tgt Ion:107 Resp: 31369
Ion Ratio Lower Upper
107 100
109 93.4 77.0 115.4



#62
4-Bromofluorobenzene
Concen: 48.373 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 95 Resp: 99386
Ion Ratio Lower Upper
95 100
174 72.9 0.0 147.8
176 71.7 0.0 142.8

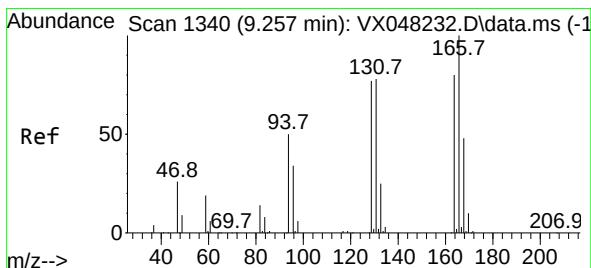
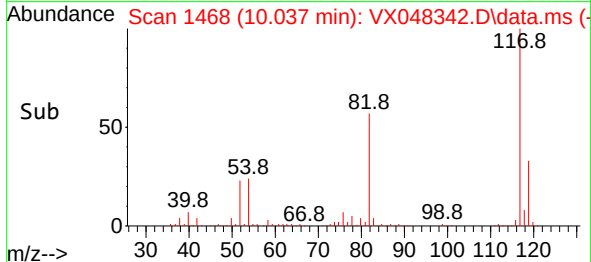
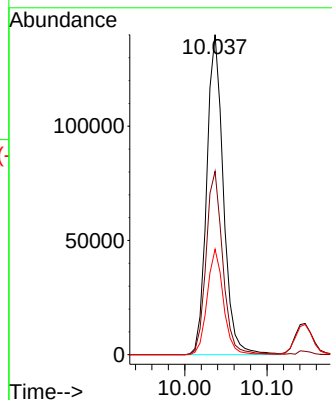
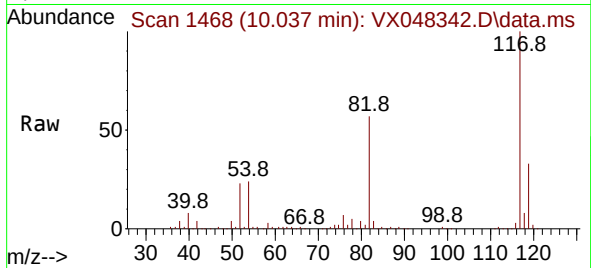




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

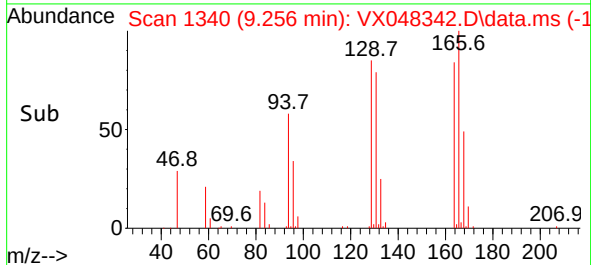
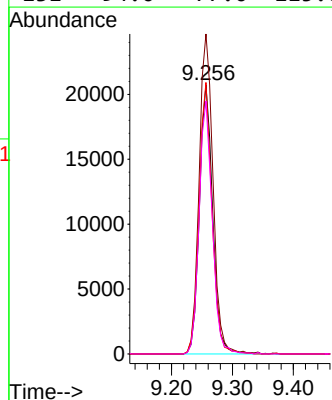
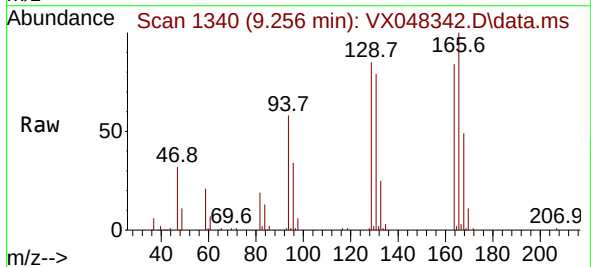
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD01

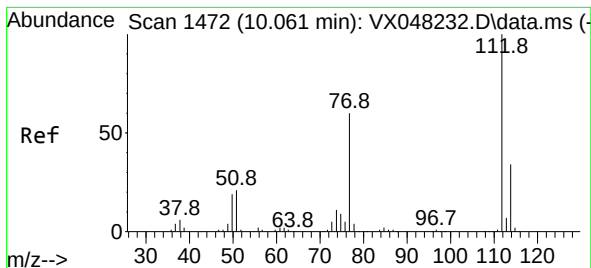
Tgt Ion:117 Resp: 197290
Ion Ratio Lower Upper
117 100
82 57.3 46.5 69.7
119 33.0 25.9 38.9



#64
Tetrachloroethene
Concen: 21.232 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion:164 Resp: 31271
Ion Ratio Lower Upper
164 100
166 118.9 104.5 156.7
129 100.9 81.8 122.6
131 94.0 77.0 115.6

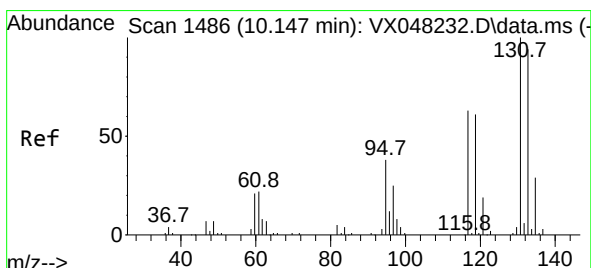
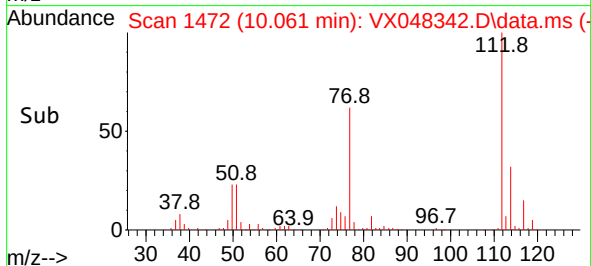
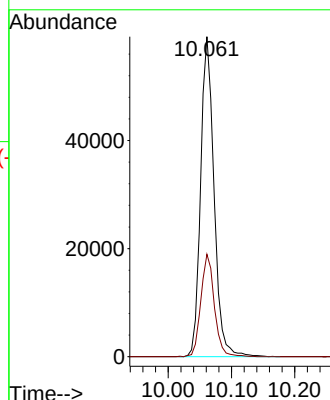
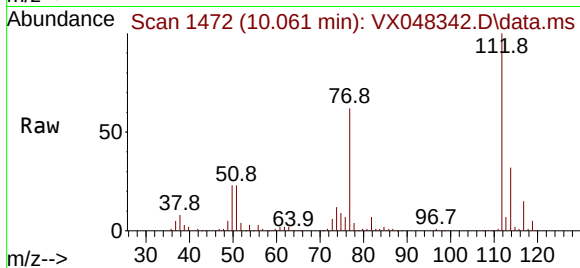




#65
Chlorobenzene
Concen: 19.726 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

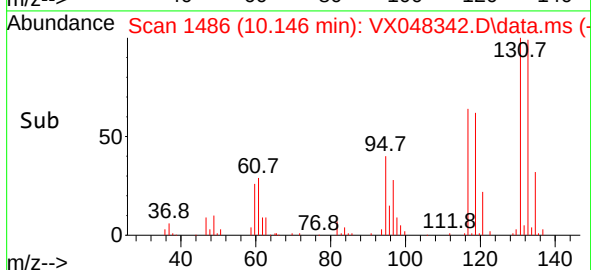
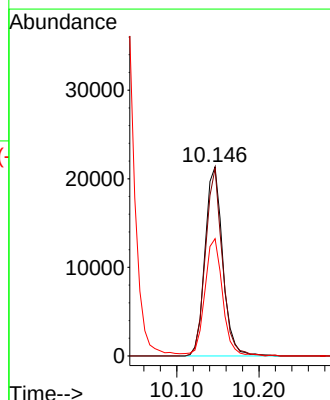
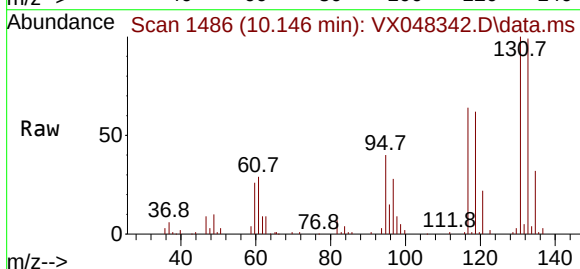
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD01

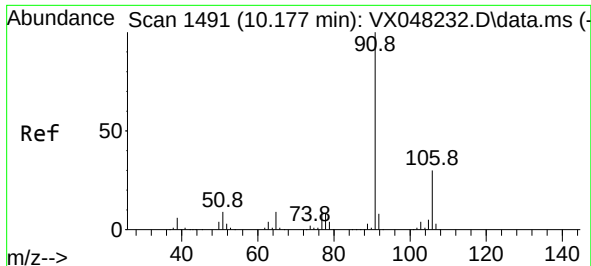
Tgt Ion:112 Resp: 87547
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.540 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion:131 Resp: 31852
Ion Ratio Lower Upper
131 100
133 95.3 47.6 142.8
119 62.8 32.5 97.5





#67

Ethyl Benzene

Concen: 20.328 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VX048342.D

Acq: 24 Oct 2025 10:43

Instrument :

MSVOA_X

ClientSampleId :

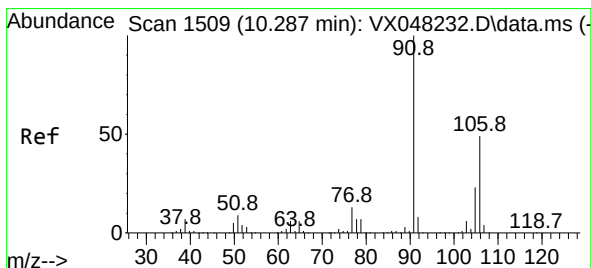
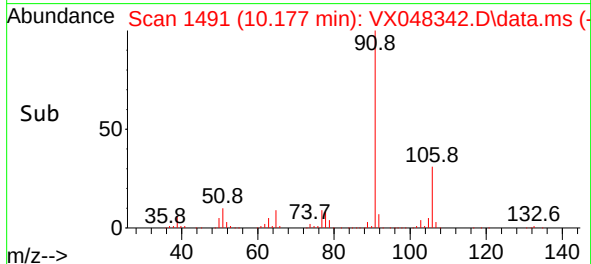
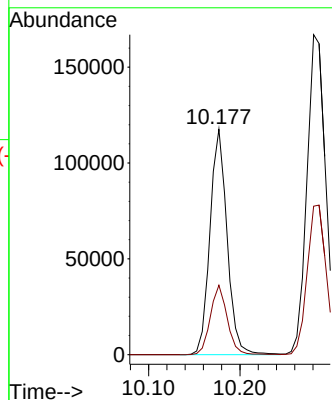
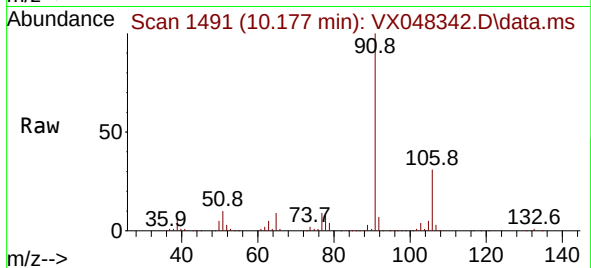
VX1024WBSD01

Tgt Ion: 91 Resp: 153603

Ion Ratio Lower Upper

91 100

106 30.8 23.8 35.6



#68

m/p-Xylenes

Concen: 41.095 ug/l

RT: 10.287 min Scan# 1509

Delta R.T. -0.000 min

Lab File: VX048342.D

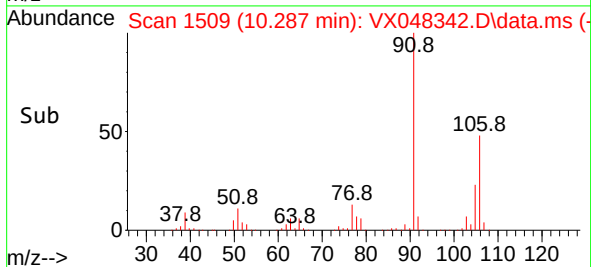
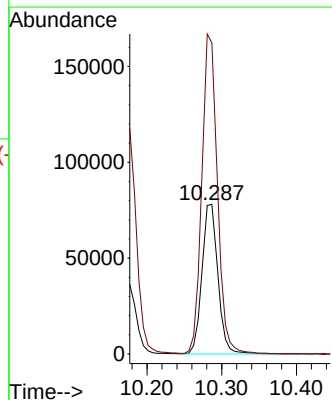
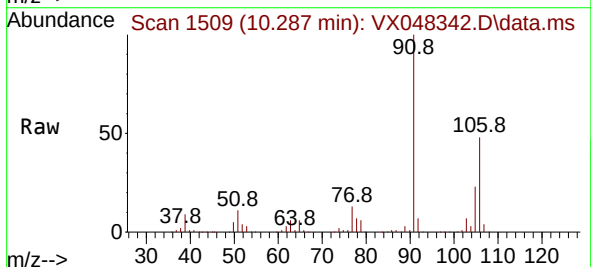
Acq: 24 Oct 2025 10:43

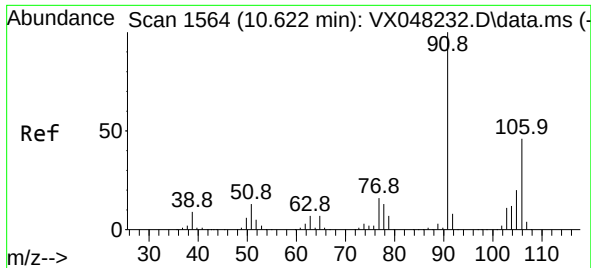
Tgt Ion:106 Resp: 115372

Ion Ratio Lower Upper

106 100

91 209.9 167.9 251.9

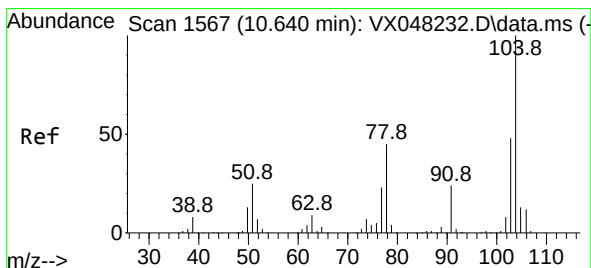
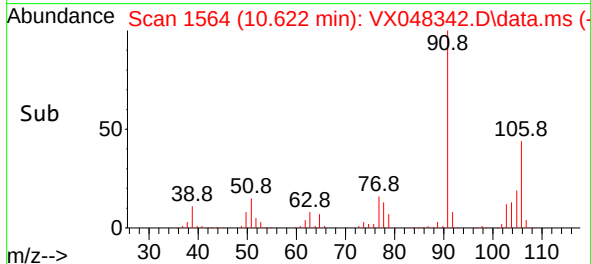
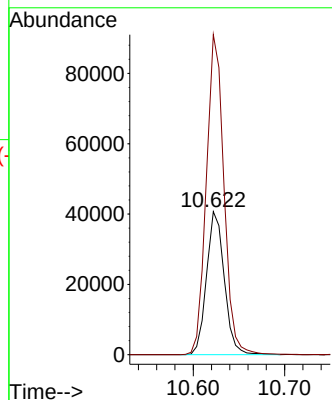
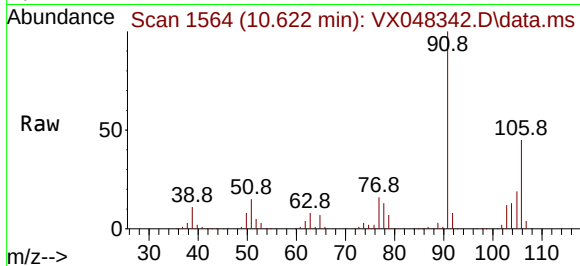




#69
o-Xylene
Concen: 20.258 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

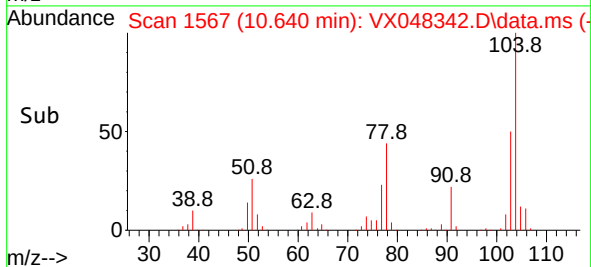
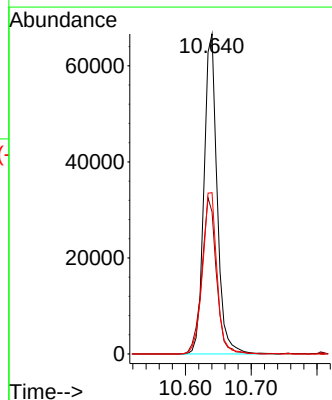
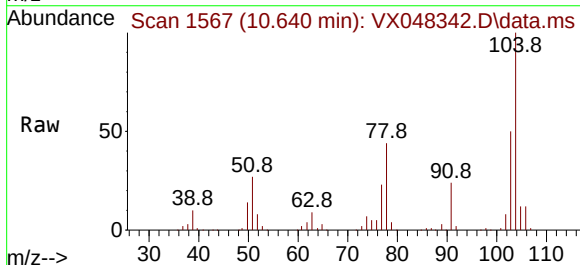
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD01

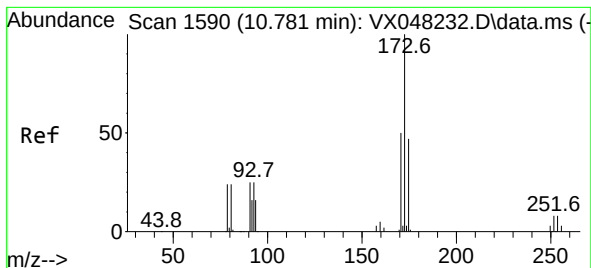
Tgt Ion:106 Resp: 54907
Ion Ratio Lower Upper
106 100
91 221.5 111.3 333.9



#70
Styrene
Concen: 20.106 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion:104 Resp: 92792
Ion Ratio Lower Upper
104 100
78 54.0 42.2 63.4
103 55.6 43.0 64.4





#71

Bromoform

Concen: 17.637 ug/l

RT: 10.780 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048342.D

Acq: 24 Oct 2025 10:43

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBSD01

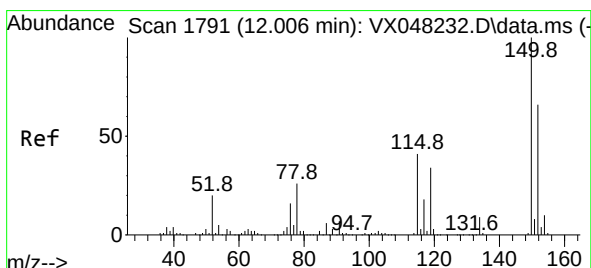
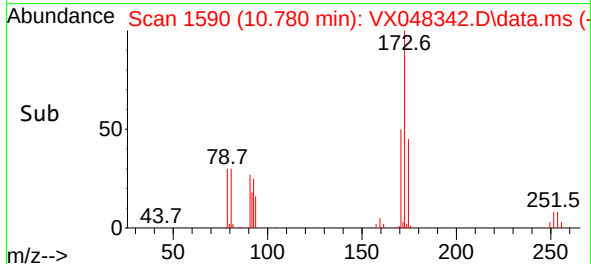
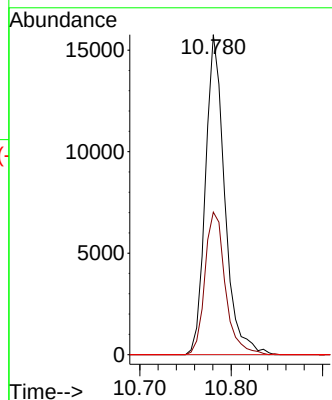
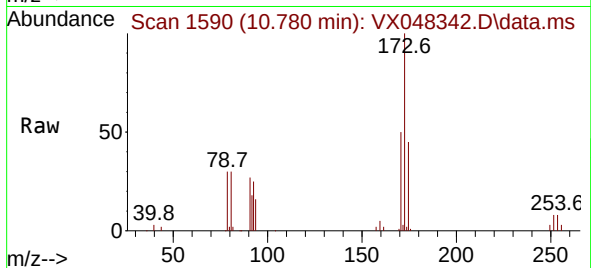
Tgt Ion:173 Resp: 22978

Ion Ratio Lower Upper

173 100

175 47.2 24.0 72.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.000 min Scan# 1790

Delta R.T. -0.006 min

Lab File: VX048342.D

Acq: 24 Oct 2025 10:43

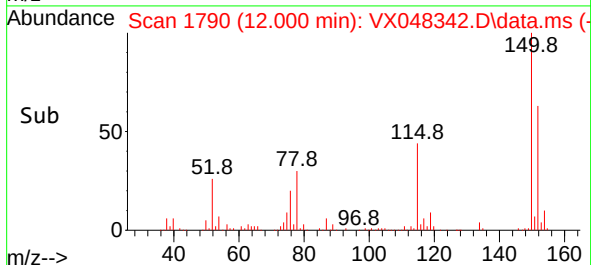
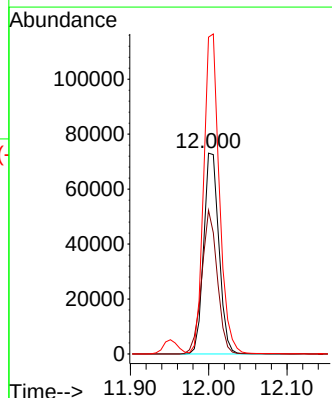
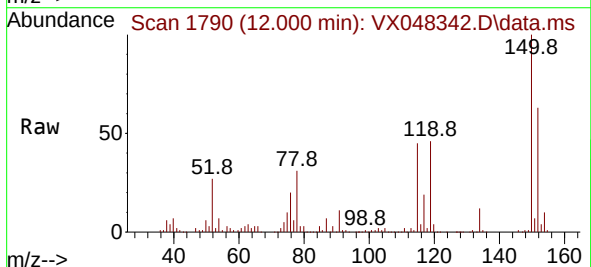
Tgt Ion:152 Resp: 98612

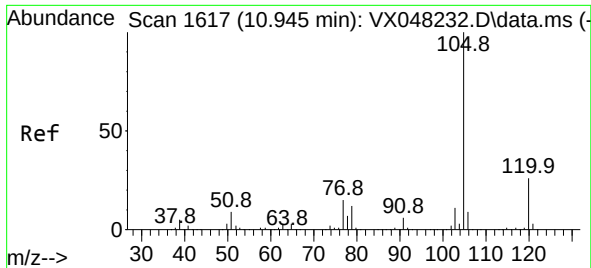
Ion Ratio Lower Upper

152 100

115 72.7 43.1 129.4

150 163.5 0.0 353.0

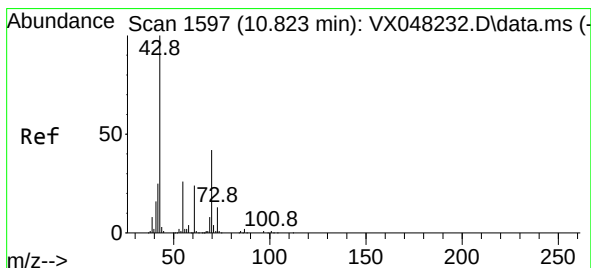
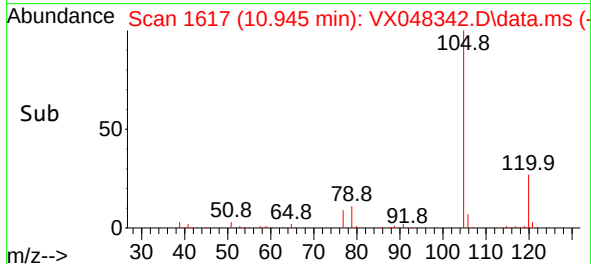
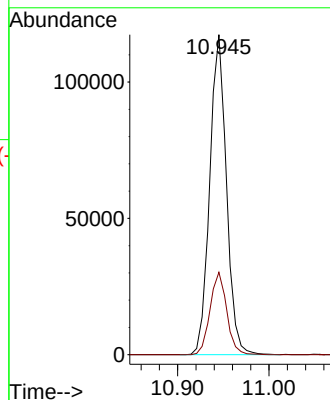
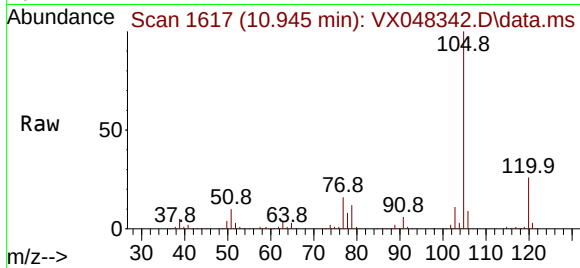




#73
Isopropylbenzene
Concen: 20.627 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

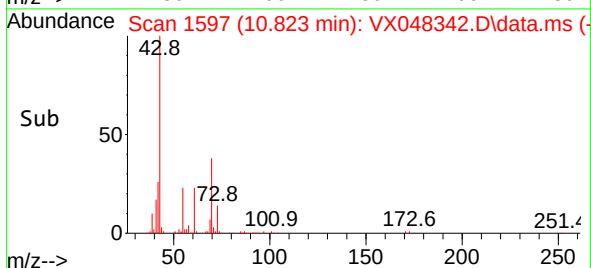
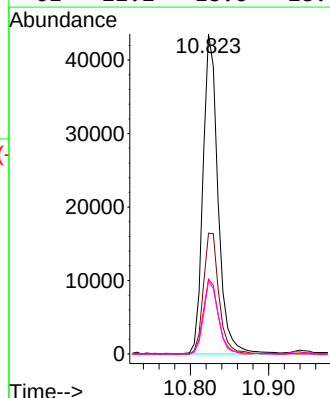
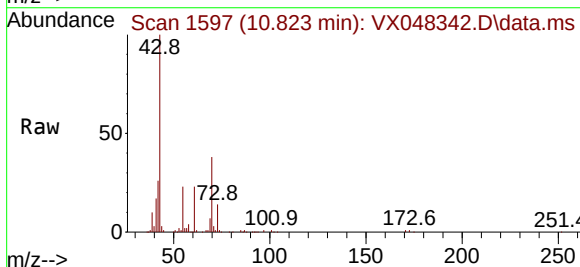
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD01

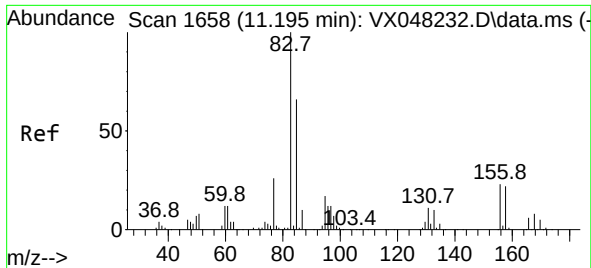
Tgt Ion:105 Resp: 148568
Ion Ratio Lower Upper
105 100
120 25.7 13.0 38.9



#74
N-ethyl acetate
Concen: 22.801 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 43 Resp: 58253
Ion Ratio Lower Upper
43 100
70 38.8 32.2 48.2
55 23.7 19.1 28.7
61 22.2 18.6 28.0

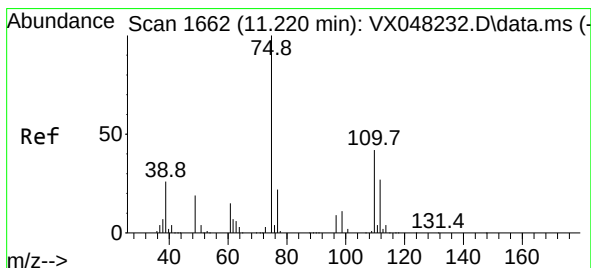
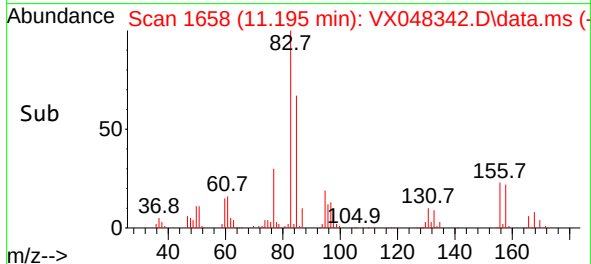
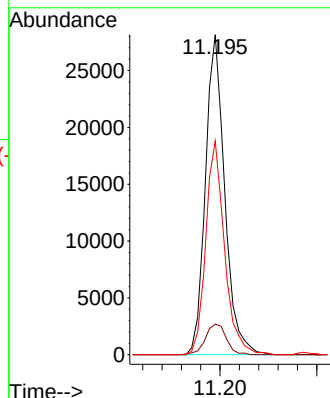
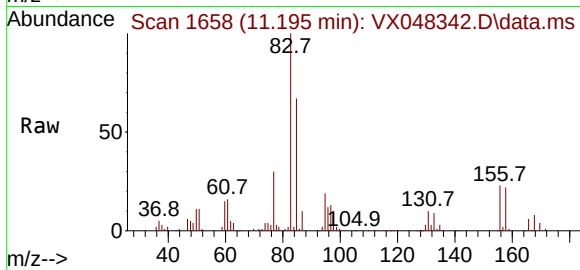




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.870 ug/l
 RT: 11.195 min Scan# 1658
 Delta R.T. -0.000 min
 Lab File: VX048342.D
 Acq: 24 Oct 2025 10:43

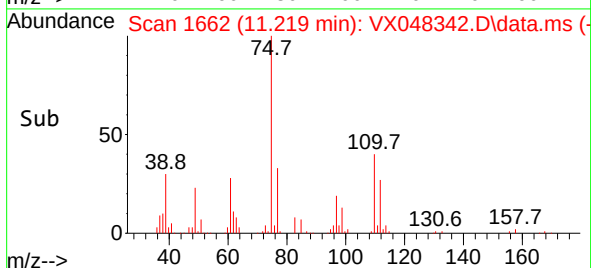
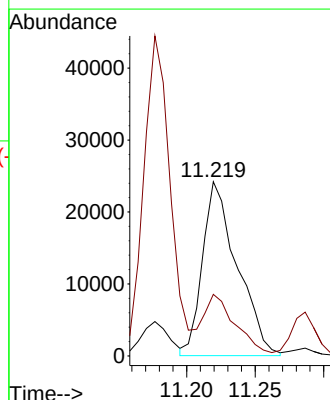
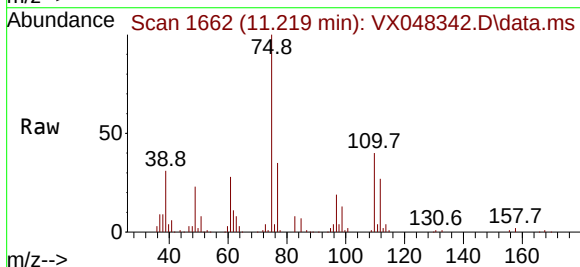
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBSD01

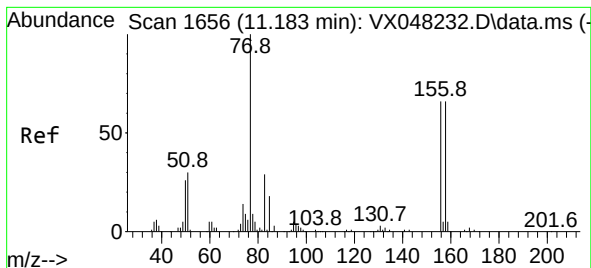
Tgt Ion: 83 Resp: 39083
 Ion Ratio Lower Upper
 83 100
 131 10.3 4.8 14.4
 85 65.1 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 26.623 ug/l
 RT: 11.219 min Scan# 1662
 Delta R.T. -0.000 min
 Lab File: VX048342.D
 Acq: 24 Oct 2025 10:43

Tgt Ion: 75 Resp: 42575
 Ion Ratio Lower Upper
 75 100
 77 31.4 22.4 67.2





#77

Bromobenzene

Concen: 19.146 ug/l

RT: 11.177 min Scan# 1655

Delta R.T. -0.000 min

Lab File: VX048342.D

Acq: 24 Oct 2025 10:43

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBSD01

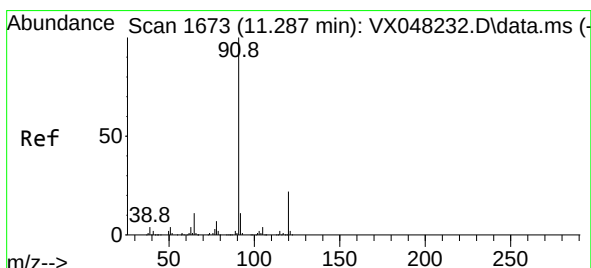
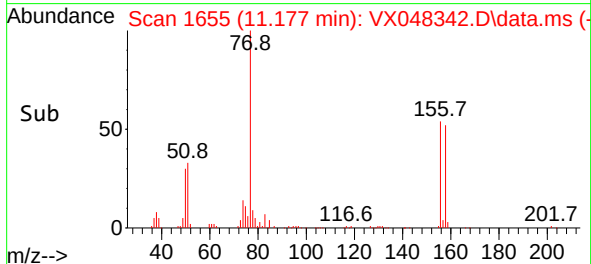
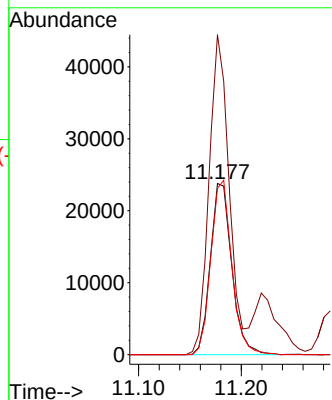
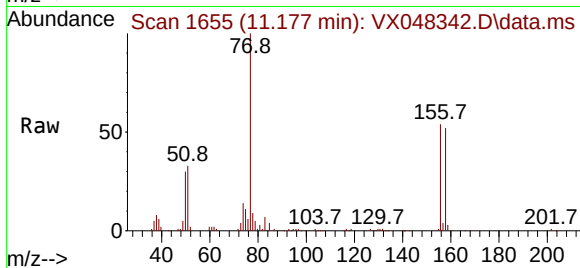
Tgt Ion:156 Resp: 34578

Ion Ratio Lower Upper

156 100

77 172.3 87.0 261.0

158 99.0 47.8 143.4



#78

n-propylbenzene

Concen: 21.036 ug/l

RT: 11.286 min Scan# 1673

Delta R.T. -0.000 min

Lab File: VX048342.D

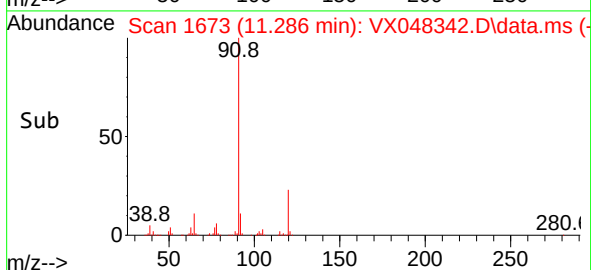
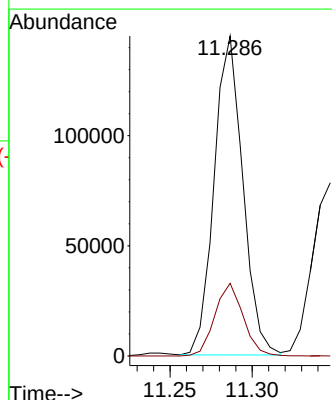
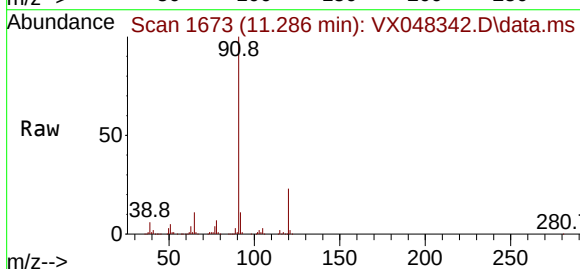
Acq: 24 Oct 2025 10:43

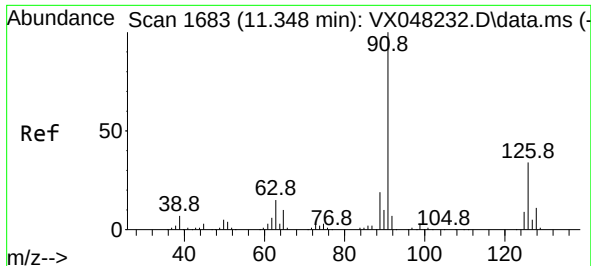
Tgt Ion: 91 Resp: 175426

Ion Ratio Lower Upper

91 100

120 22.5 11.1 33.1

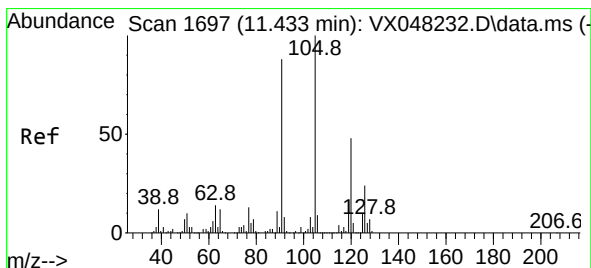
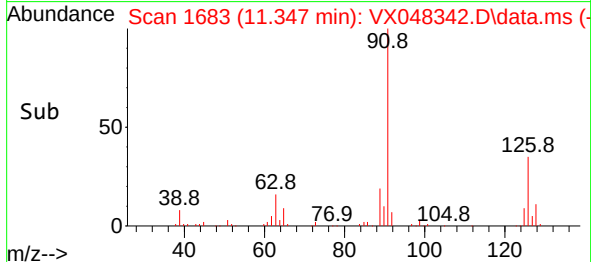
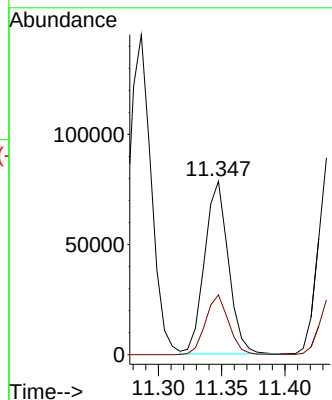
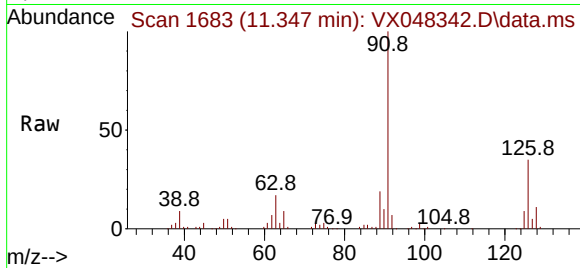




#79
2-Chlorotoluene
Concen: 20.347 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

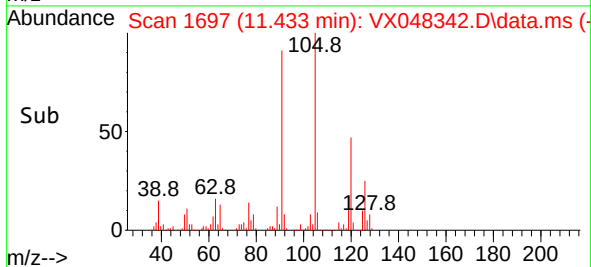
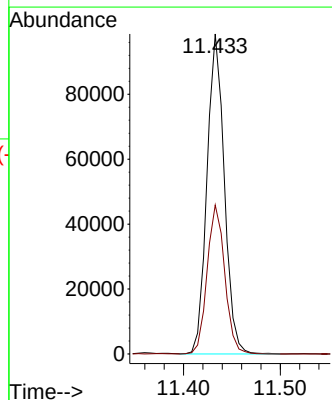
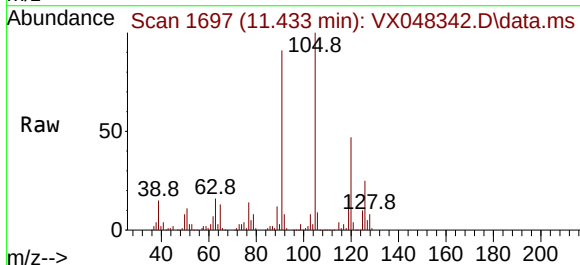
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD01

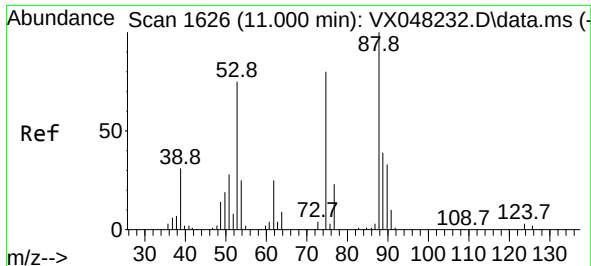
Tgt Ion: 91 Resp: 102875
Ion Ratio Lower Upper
91 100
126 33.9 16.4 49.4



#80
1,3,5-Trimethylbenzene
Concen: 20.656 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 105 Resp: 123122
Ion Ratio Lower Upper
105 100
120 47.3 24.0 72.0

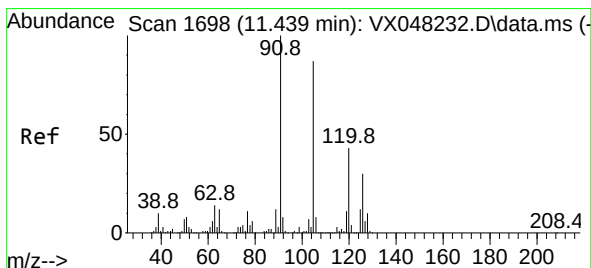
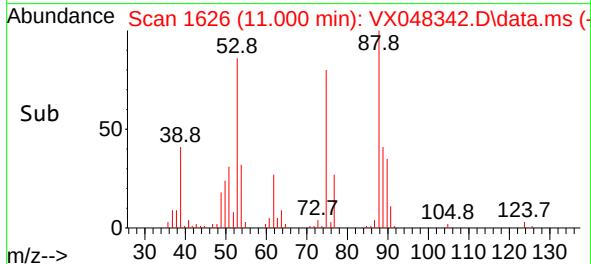
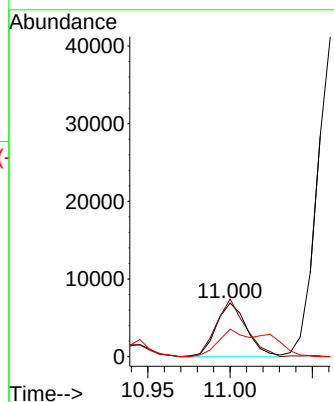
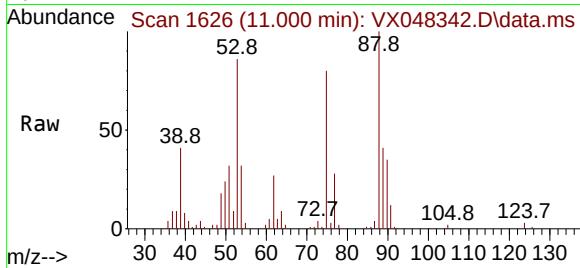




#81
trans-1,4-Dichloro-2-butene
Concen: 13.689 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

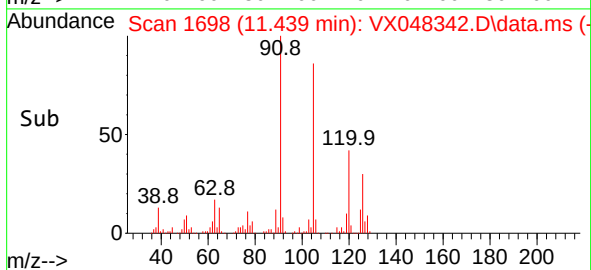
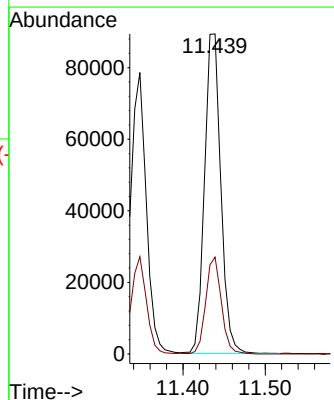
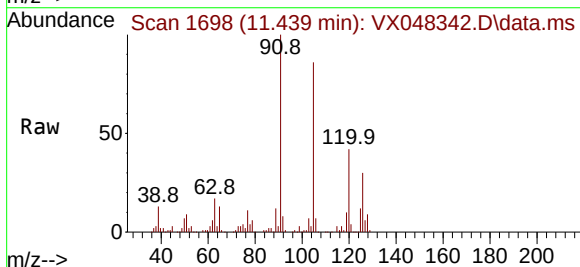
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD01

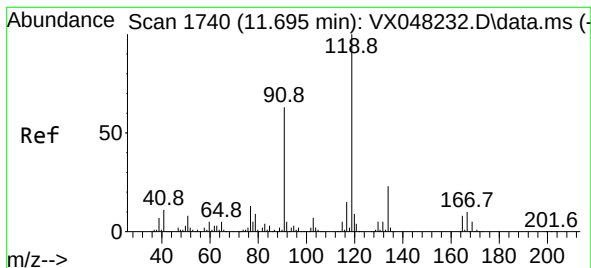
Tgt Ion: 75 Resp: 8998
Ion Ratio Lower Upper
75 100
53 103.3 79.5 119.3
89 84.0 36.8 55.2#



#82
4-Chlorotoluene
Concen: 20.446 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 91 Resp: 122719
Ion Ratio Lower Upper
91 100
126 29.1 14.1 42.4





#83

tert-Butylbenzene

Concen: 20.231 ug/l

RT: 11.695 min Scan# 1740

Delta R.T. -0.000 min

Lab File: VX048342.D

Acq: 24 Oct 2025 10:43

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBSD01

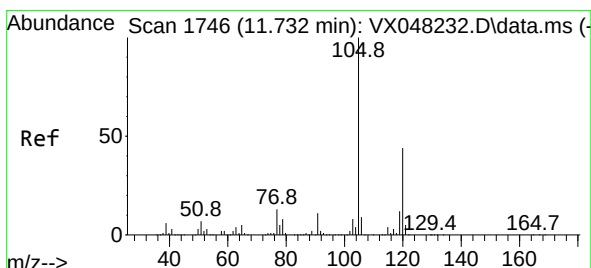
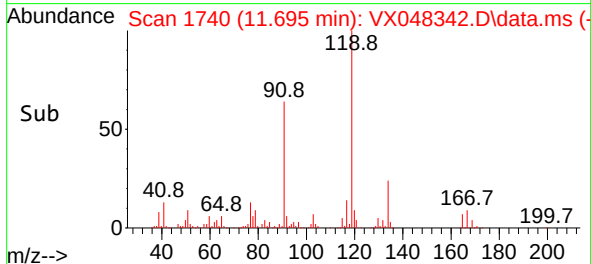
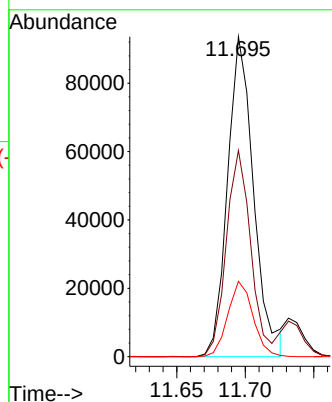
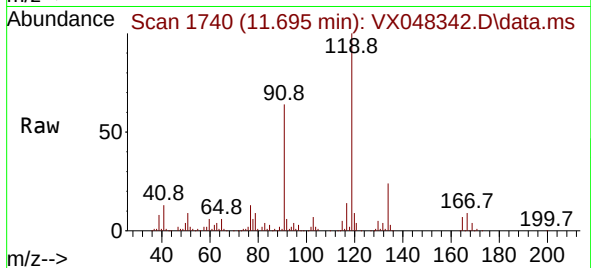
Tgt Ion:119 Resp: 123899

Ion Ratio Lower Upper

119 100

91 60.4 30.3 91.0

134 22.7 11.4 34.2



#84

1,2,4-Trimethylbenzene

Concen: 20.537 ug/l

RT: 11.732 min Scan# 1746

Delta R.T. -0.000 min

Lab File: VX048342.D

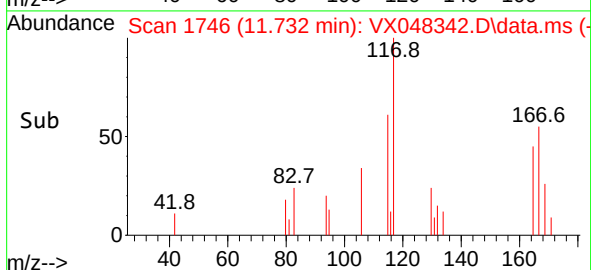
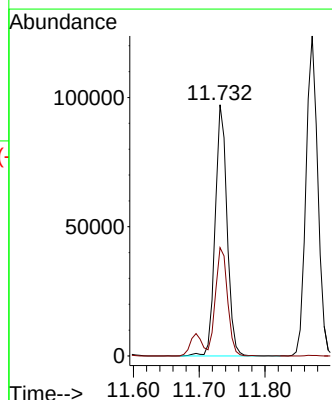
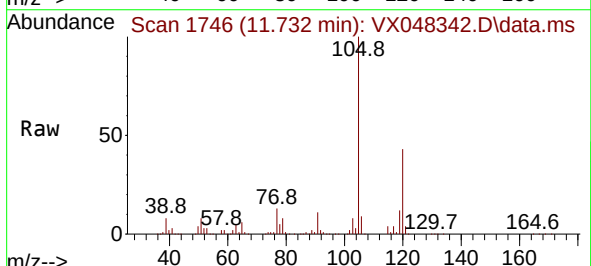
Acq: 24 Oct 2025 10:43

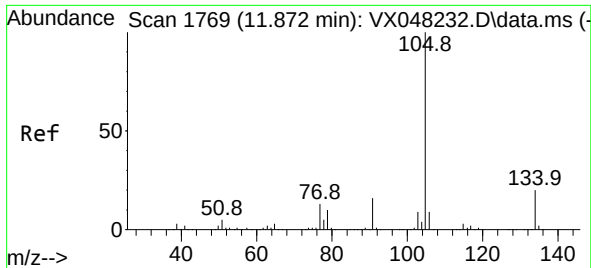
Tgt Ion:105 Resp: 122164

Ion Ratio Lower Upper

105 100

120 43.7 22.1 66.5

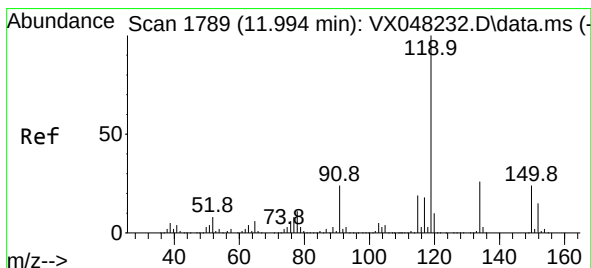
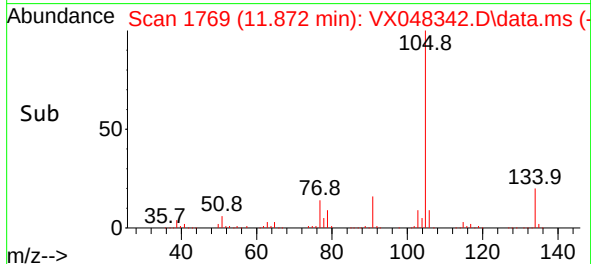
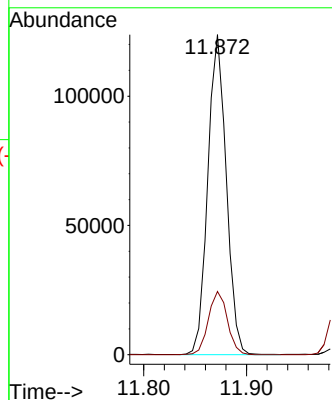
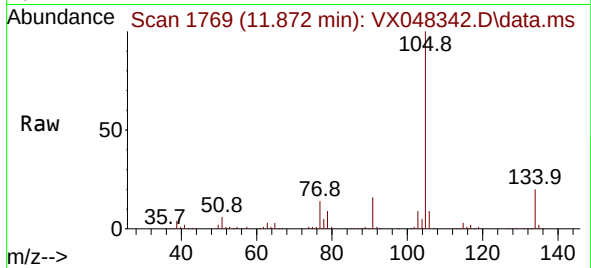




#85
sec-Butylbenzene
Concen: 20.984 ug/l
RT: 11.872 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

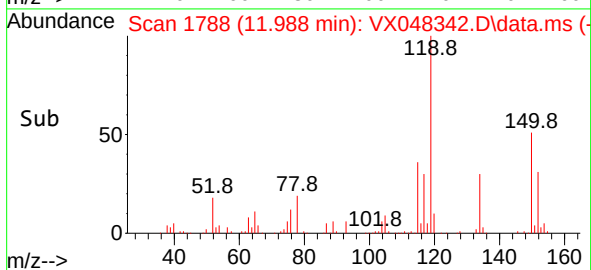
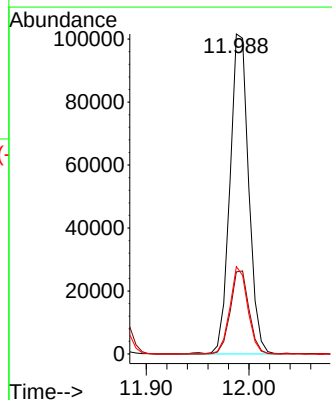
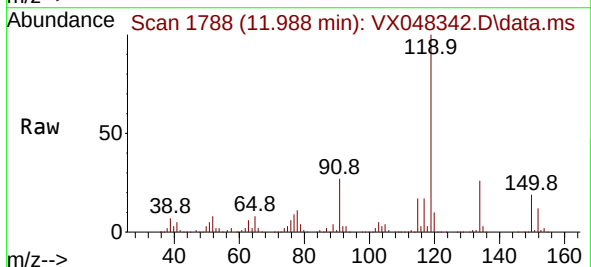
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD01

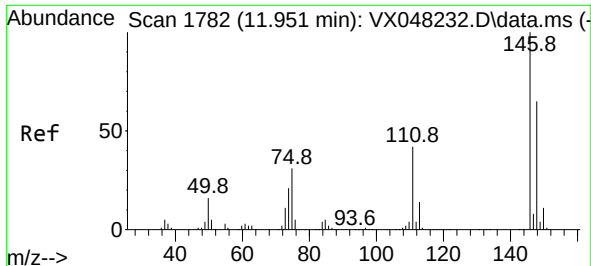
Tgt Ion:105 Resp: 154615
Ion Ratio Lower Upper
105 100
134 20.3 10.1 30.1



#86
p-Isopropyltoluene
Concen: 20.205 ug/l
RT: 11.988 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion:119 Resp: 128679
Ion Ratio Lower Upper
119 100
134 25.8 13.0 39.0
91 26.0 12.1 36.3

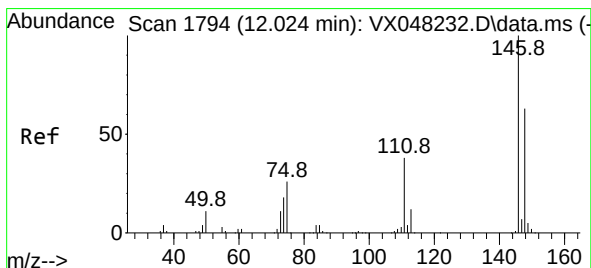
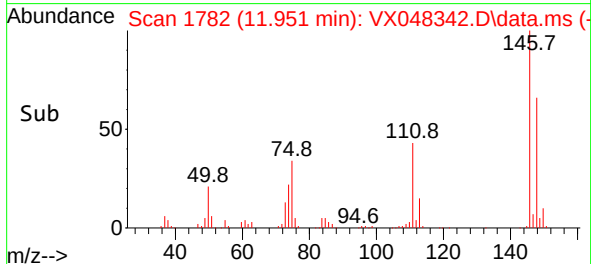
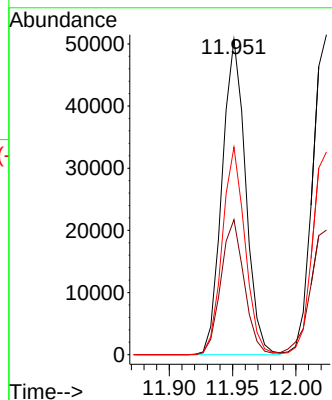
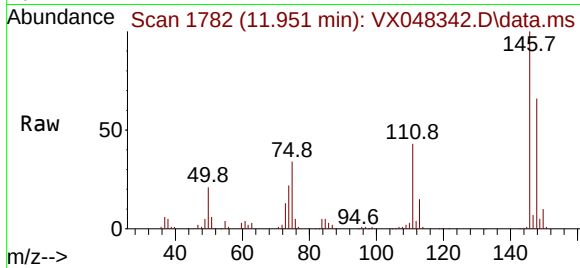




#87
1,3-Dichlorobenzene
Concen: 19.201 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

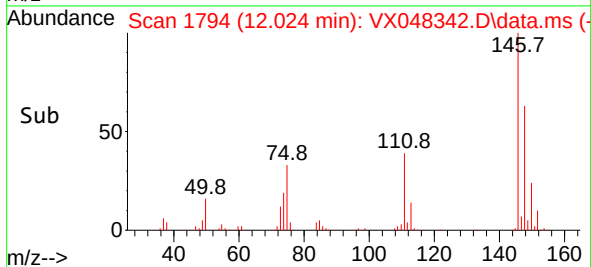
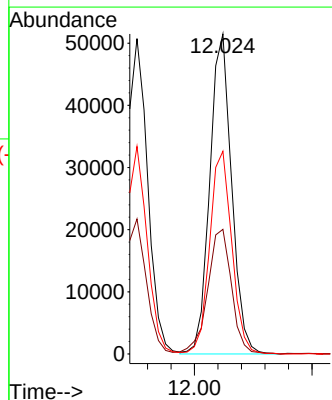
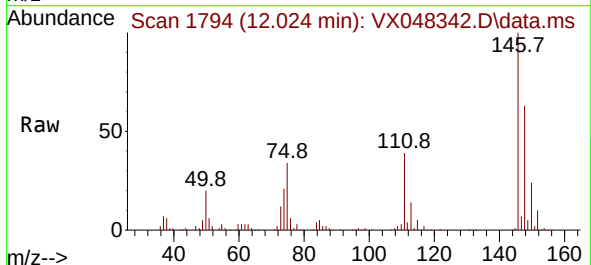
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD01

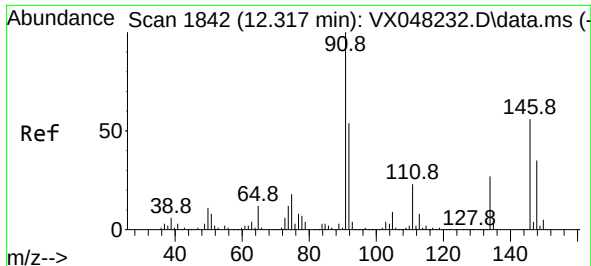
Tgt Ion:146 Resp: 65372
Ion Ratio Lower Upper
146 100
111 42.5 20.4 61.2
148 63.7 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 18.854 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion:146 Resp: 66499
Ion Ratio Lower Upper
146 100
111 42.7 20.1 60.2
148 64.5 31.8 95.3





#89

n-Butylbenzene

Concen: 21.075 ug/l

RT: 12.311 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VX048342.D

Acq: 24 Oct 2025 10:43

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBSD01

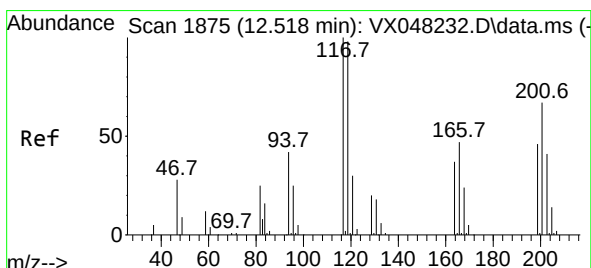
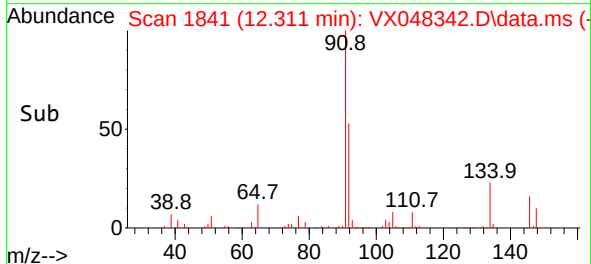
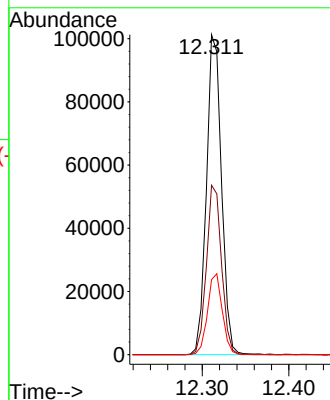
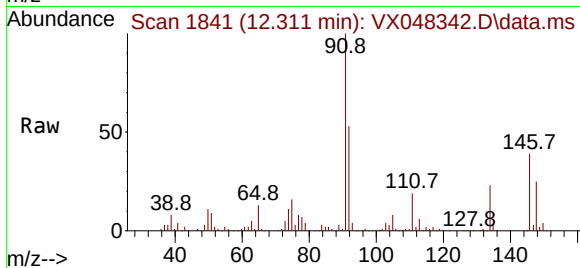
Tgt Ion: 91 Resp: 122166

Ion Ratio Lower Upper

91 100

92 53.1 26.9 80.6

134 24.9 12.7 38.1



#90

Hexachloroethane

Concen: 17.474 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VX048342.D

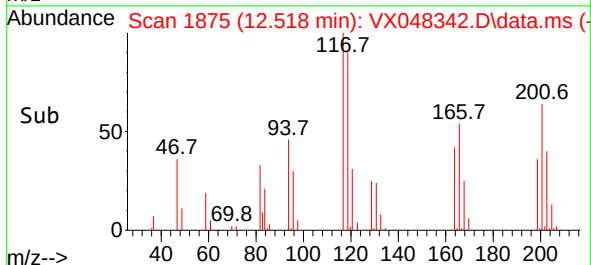
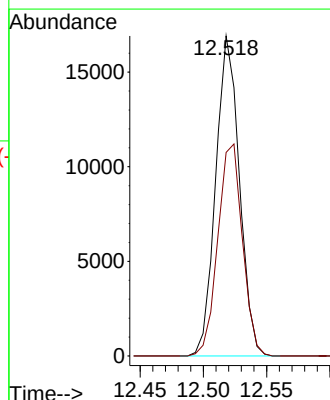
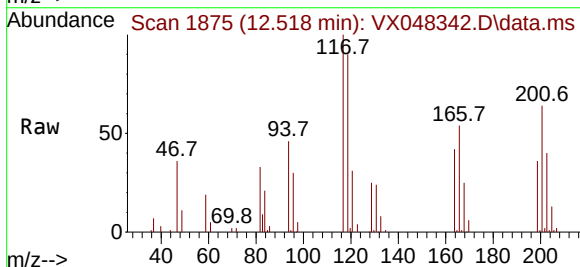
Acq: 24 Oct 2025 10:43

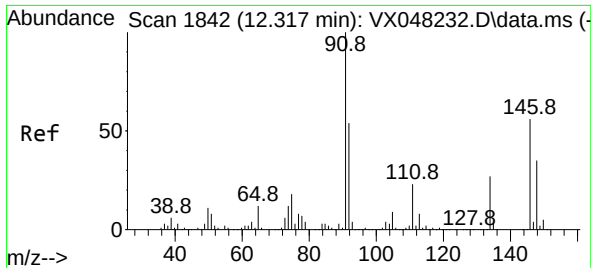
Tgt Ion: 117 Resp: 21976

Ion Ratio Lower Upper

117 100

201 68.9 34.1 102.2

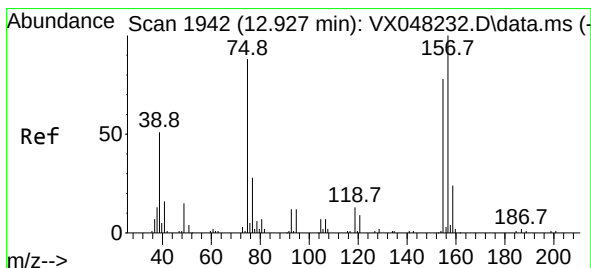
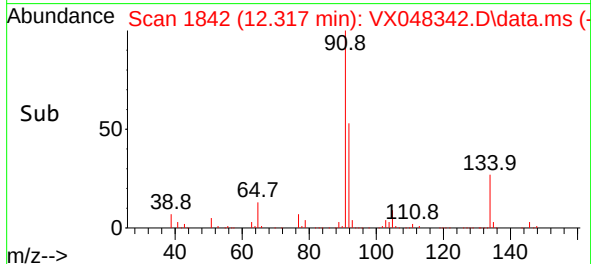
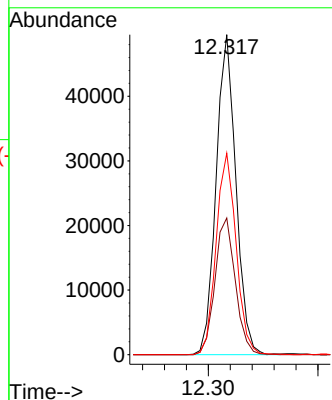
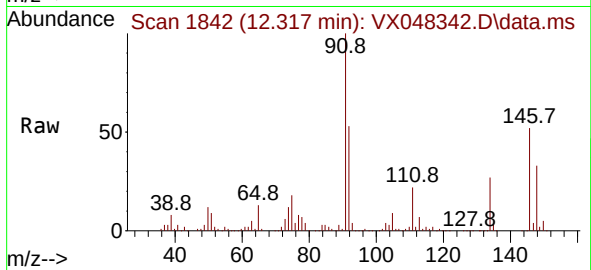




#91
1,2-Dichlorobenzene
Concen: 19.439 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

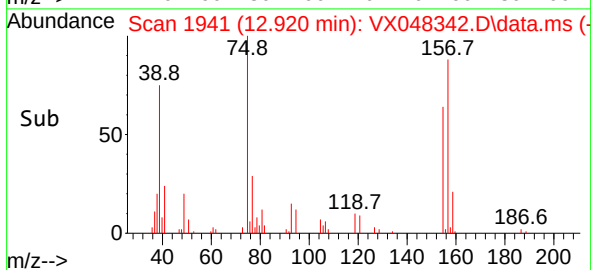
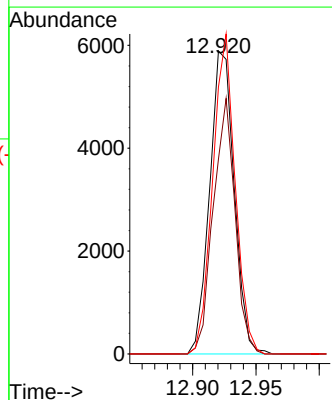
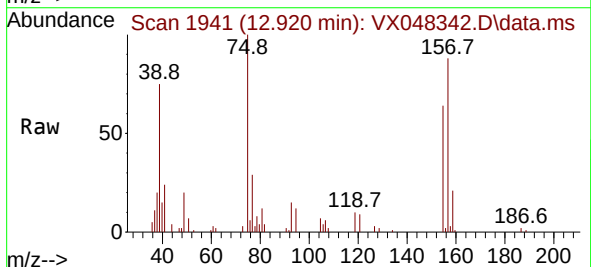
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD01

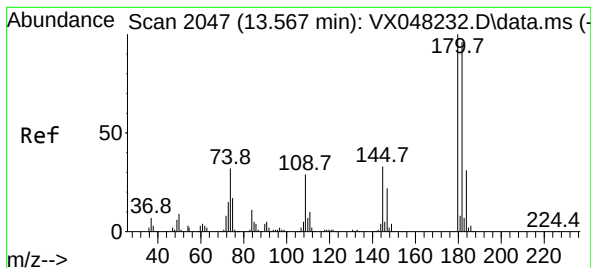
Tgt Ion:146 Resp: 62138
Ion Ratio Lower Upper
146 100
111 43.9 21.9 65.5
148 63.7 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.944 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 75 Resp: 7963
Ion Ratio Lower Upper
75 100
155 74.8 42.8 128.4
157 96.3 54.2 162.6





#93

1,2,4-Trichlorobenzene

Concen: 18.876 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX048342.D

Acq: 24 Oct 2025 10:43

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBSD01

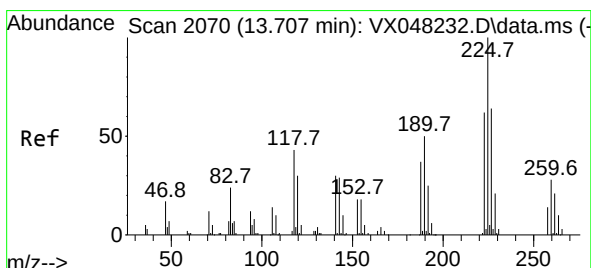
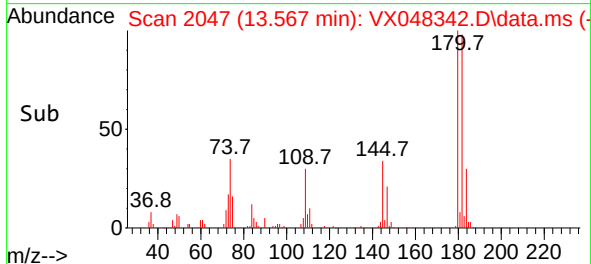
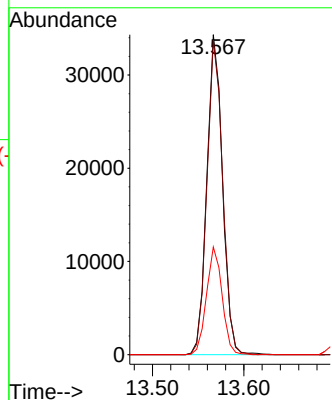
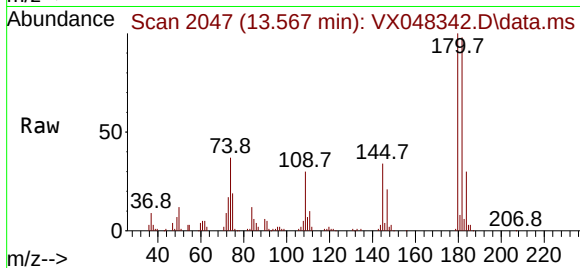
Tgt Ion:180 Resp: 40804

Ion Ratio Lower Upper

180 100

182 98.4 47.3 142.0

145 33.5 16.3 48.9



#94

Hexachlorobutadiene

Concen: 22.386 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. 0.006 min

Lab File: VX048342.D

Acq: 24 Oct 2025 10:43

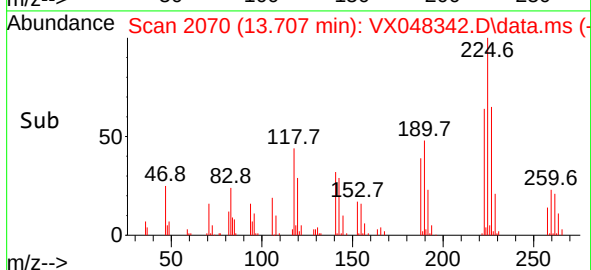
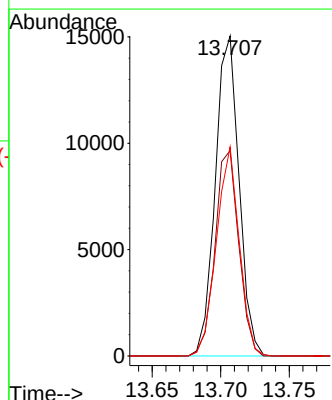
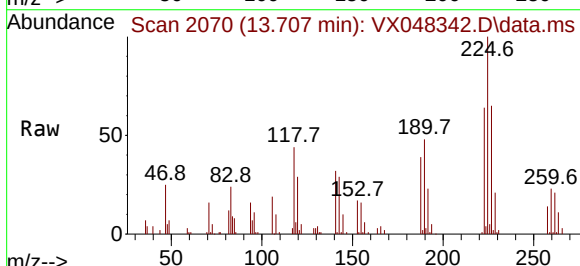
Tgt Ion:225 Resp: 18104

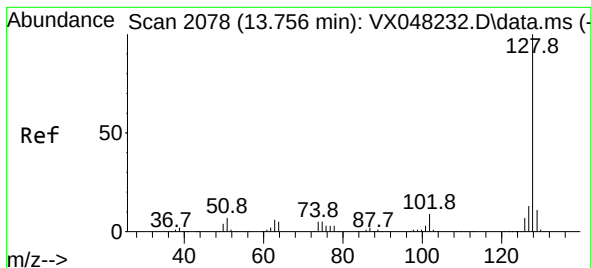
Ion Ratio Lower Upper

225 100

223 64.2 32.6 97.7

227 62.8 32.5 97.4





#95

Naphthalene

Concen: 19.265 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. -0.000 min

Lab File: VX048342.D

Acq: 24 Oct 2025 10:43

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBSD01

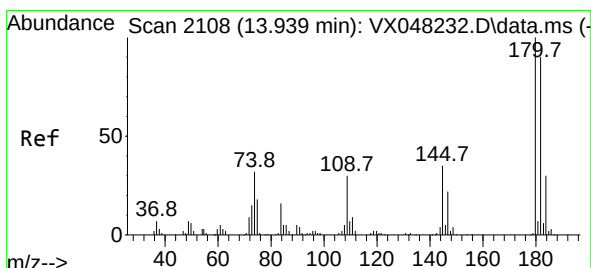
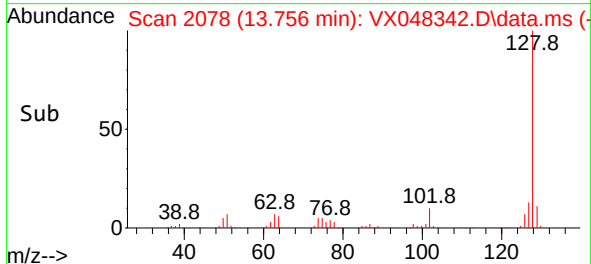
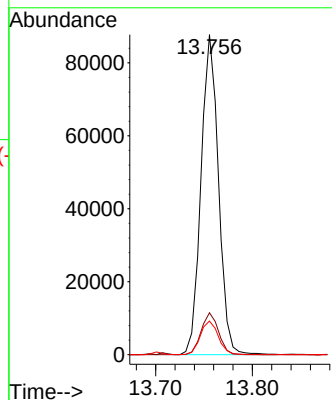
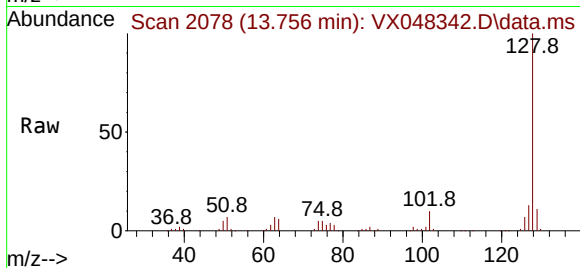
Tgt Ion:128 Resp: 110334

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 19.140 ug/l

RT: 13.938 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VX048342.D

Acq: 24 Oct 2025 10:43

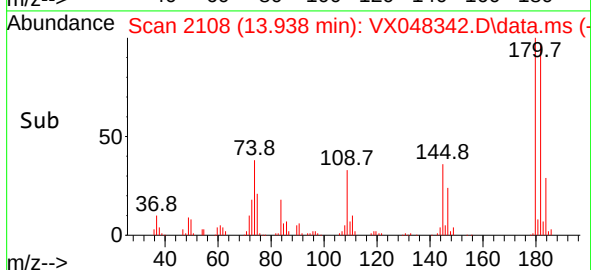
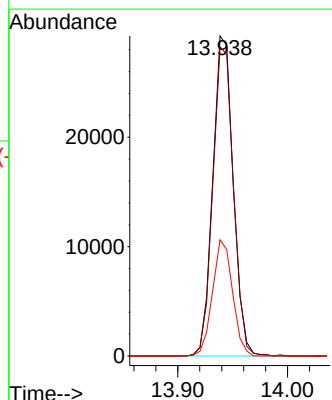
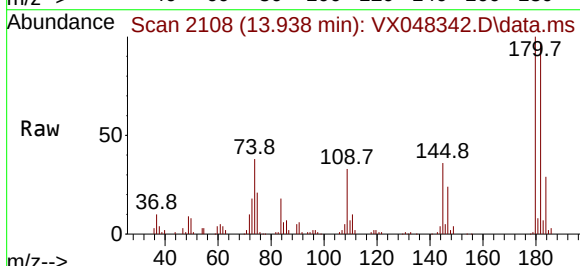
Tgt Ion:180 Resp: 37968

Ion Ratio Lower Upper

180 100

182 97.2 46.6 139.7

145 35.5 16.9 50.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
 Data File : VX048353.D
 Acq On : 24 Oct 2025 15:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 24 23:05:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	137837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	230908	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	201897	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	101580	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	93855	48.565	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.120%
35) Dibromofluoromethane	5.373	113	62140	39.419	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	78.840%
50) Toluene-d8	8.634	98	257823	46.661	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.320%
62) 4-Bromofluorobenzene	11.061	95	95120	45.251	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.500%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	62926	44.408	ug/l	99
3) Chloromethane	1.300	50	31755	24.009	ug/l	97
4) Vinyl Chloride	1.380	62	83473	68.154	ug/l	99
5) Bromomethane	1.617	94	29188	35.116	ug/l	99
6) Chloroethane	1.697	64	50231	69.795	ug/l	97
7) Trichlorofluoromethane	1.898	101	143311	61.011	ug/l	99
8) Diethyl Ether	2.136	74	47003	71.117	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	77462	52.078	ug/l	98
10) Methyl Iodide	2.459	142	271342	145.110	ug/l	99
11) Tert butyl alcohol	2.934	59	36075	188.008	ug/l	99
12) 1,1-Dichloroethene	2.325	96	74594	51.547	ug/l	99
13) Acrolein	2.233	56	59385	303.455	ug/l	99
14) Allyl chloride	2.666	41	126438	52.626	ug/l	96
15) Acrylonitrile	3.056	53	165690	239.471	ug/l	99
16) Acetone	2.373	43	128465	193.768	ug/l	97
17) Carbon Disulfide	2.520	76	202530	44.407	ug/l	100
18) Methyl Acetate	2.697	43	70947	51.241	ug/l	97
19) Methyl tert-butyl Ether	3.105	73	242830	49.188	ug/l	99
20) Methylene Chloride	2.788	84	78803	48.781	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	77645	48.846	ug/l	95
22) Diisopropyl ether	3.751	45	271845	56.729	ug/l	96
23) Vinyl Acetate	3.715	43	939179	245.353	ug/l	100
24) 1,1-Dichloroethane	3.605	63	150722	52.017	ug/l	99
25) 2-Butanone	4.538	43	182514	217.495	ug/l	99
26) 2,2-Dichloropropane	4.471	77	131948	50.451	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	92543	49.885	ug/l	97
28) Bromochloromethane	4.891	49	63375	52.749	ug/l	98
29) Tetrahydrofuran	4.989	42	120176	239.119	ug/l	98
30) Chloroform	5.080	83	156317	50.495	ug/l	97
31) Cyclohexane	5.458	56	129162	53.842	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	140509	49.248	ug/l	98
36) 1,1-Dichloropropene	5.684	75	103893	46.369	ug/l	99
37) Ethyl Acetate	4.696	43	94821	51.057	ug/l	99
38) Carbon Tetrachloride	5.665	117	121202	43.846	ug/l	99
39) Methylcyclohexane	7.366	83	131596	49.732	ug/l	96
40) Benzene	6.025	78	312187	47.991	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
 Data File : VX048353.D
 Acq On : 24 Oct 2025 15:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 24 23:05:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.903	41	48739	49.974	ug/l	99
42) 1,2-Dichloroethane	6.074	62	119697	49.865	ug/l	99
43) Isopropyl Acetate	6.318	43	152346	49.940	ug/l	99
44) Trichloroethene	7.110	130	79852	46.488	ug/l	99
45) 1,2-Dichloropropane	7.415	63	78729	50.904	ug/l	95
46) Dibromomethane	7.568	93	56015	46.488	ug/l	98
47) Bromodichloromethane	7.805	83	122472	47.075	ug/l	99
48) Methyl methacrylate	7.677	41	77157	50.123	ug/l	97
49) 1,4-Dioxane	7.641	88	15616	767.869	ug/l	97
51) 4-Methyl-2-Pentanone	8.555	43	427244	242.909	ug/l	98
52) Toluene	8.702	92	195954	47.417	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	111521	44.482	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	115185	42.583	ug/l	98
55) 1,1,2-Trichloroethane	9.134	97	70725	46.020	ug/l	99
56) Ethyl methacrylate	9.098	69	106860	47.538	ug/l	97
57) 1,3-Dichloropropane	9.293	76	124600	47.465	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	299785	248.040	ug/l	100
59) 2-Hexanone	9.415	43	289819	236.310	ug/l	99
60) Dibromochloromethane	9.506	129	88240	42.719	ug/l	100
61) 1,2-Dibromoethane	9.592	107	72202	44.069	ug/l	99
64) Tetrachloroethene	9.256	164	71595	47.502	ug/l	97
65) Chlorobenzene	10.061	112	212798	46.854	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.146	131	75776	45.425	ug/l	99
67) Ethyl Benzene	10.177	91	378873	48.997	ug/l	99
68) m/p-Xylenes	10.287	106	282564	98.351	ug/l	100
69) o-Xylene	10.622	106	134320	48.426	ug/l	100
70) Styrene	10.640	104	231504	49.017	ug/l	99
71) Bromoform	10.780	173	52852	39.641	ug/l #	98
73) Isopropylbenzene	10.945	105	359740	48.486	ug/l	100
74) N-amyl acetate	10.823	43	136716	51.949	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	89239	44.044	ug/l	98
76) 1,2,3-Trichloropropane	11.219	75	93736	56.903	ug/l	81
77) Bromobenzene	11.183	156	84698	45.528	ug/l	99
78) n-propylbenzene	11.286	91	433271	50.437	ug/l	100
79) 2-Chlorotoluene	11.347	91	251854	48.357	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	297431	48.442	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	19309	28.518	ug/l #	75
82) 4-Chlorotoluene	11.433	91	300933	48.674	ug/l	100
83) tert-Butylbenzene	11.695	119	303155	48.055	ug/l	100
84) 1,2,4-Trimethylbenzene	11.731	105	297974	48.628	ug/l	99
85) sec-Butylbenzene	11.872	105	377937	49.795	ug/l	99
86) p-Isopropyltoluene	11.994	119	319358	48.680	ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	157580	44.932	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	158565	43.644	ug/l	99
89) n-Butylbenzene	12.311	91	304622	51.016	ug/l	100
90) Hexachloroethane	12.518	117	55291	42.679	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	147165	44.694	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.926	75	17860	43.426	ug/l	92
93) 1,2,4-Trichlorobenzene	13.567	180	101661	45.654	ug/l	99
94) Hexachlorobutadiene	13.707	225	42413	50.828	ug/l	97
95) Naphthalene	13.756	128	262366	44.472	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	93463	45.740	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048353.D
Acq On : 24 Oct 2025 15:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

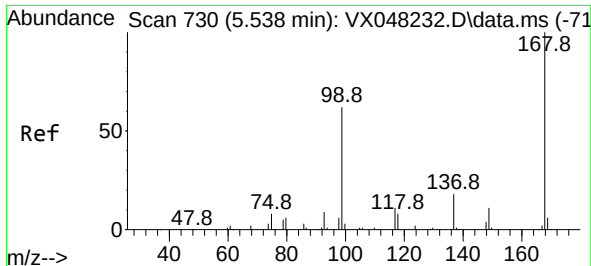
Quant Time: Oct 24 23:05:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

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

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

Quant Time: Oct 24 23:05:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

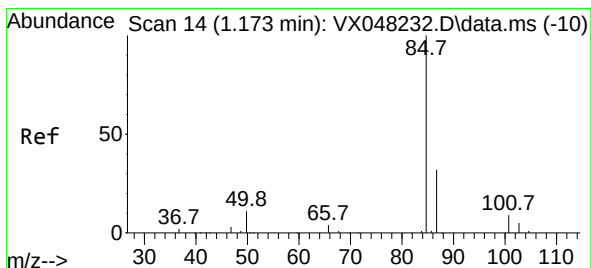
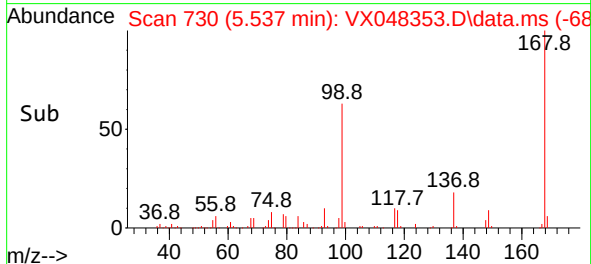
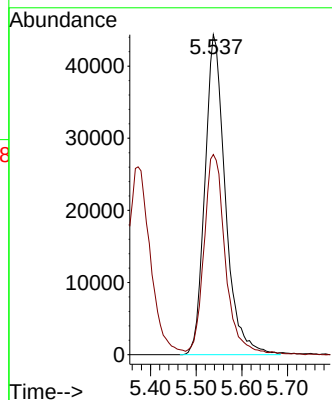
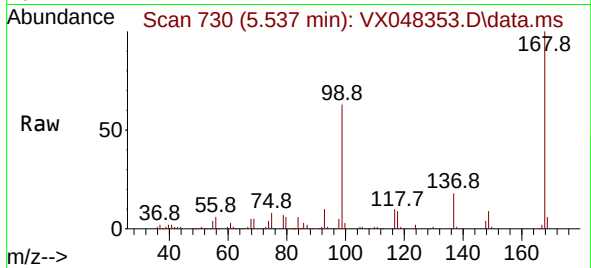




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

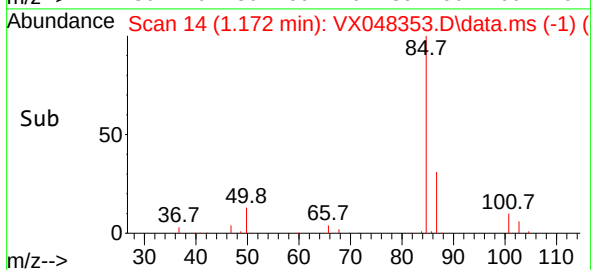
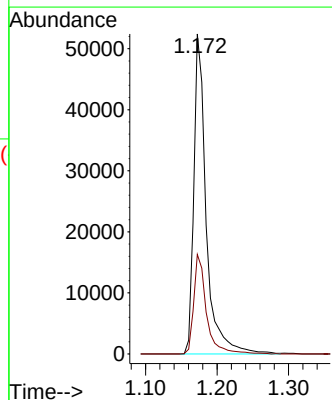
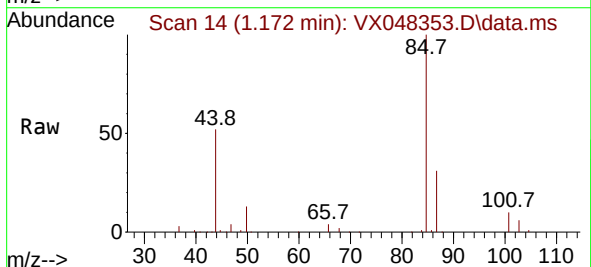
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

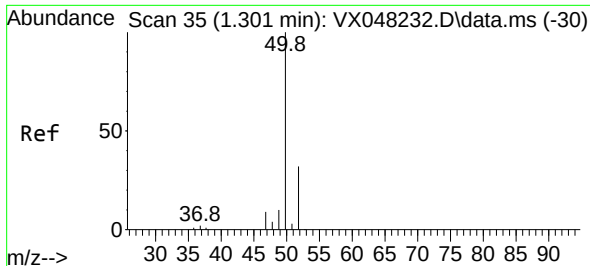
Tgt Ion:168 Resp: 137837
Ion Ratio Lower Upper
168 100
99 62.0 46.4 69.6



#2
Dichlorodifluoromethane
Concen: 44.408 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 85 Resp: 62926
Ion Ratio Lower Upper
85 100
87 31.1 15.3 45.9

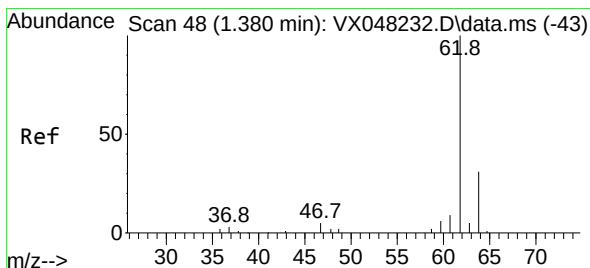
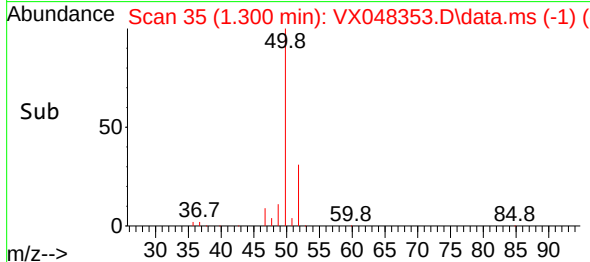
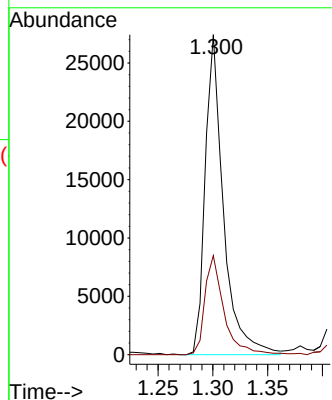
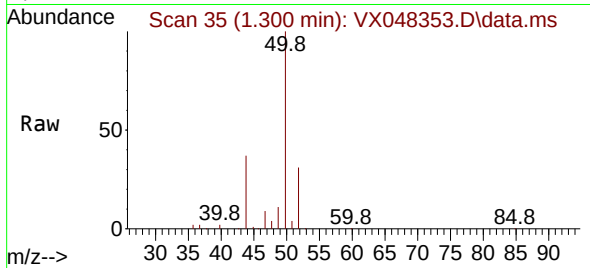




#3
Chloromethane
Concen: 24.009 ug/l
RT: 1.300 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

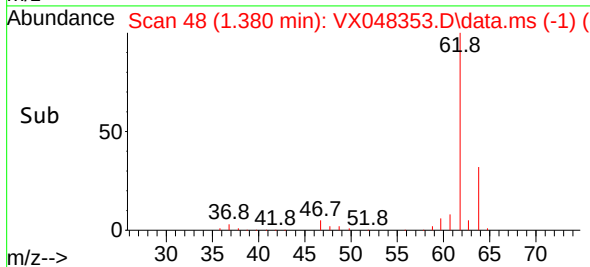
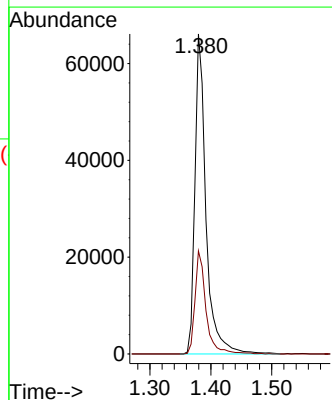
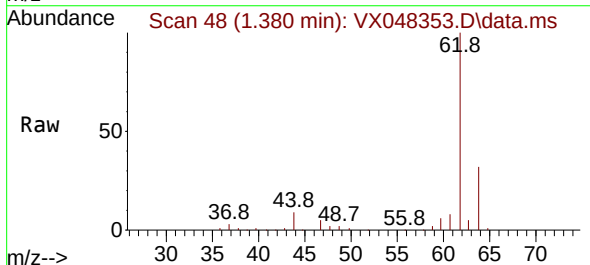
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

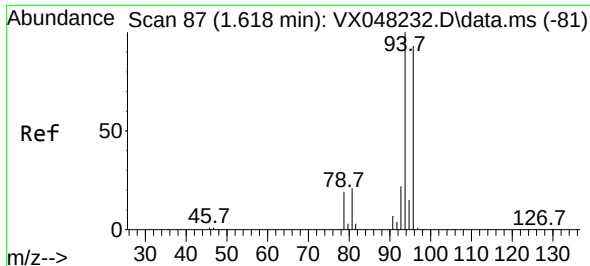
Tgt Ion: 50 Resp: 31755
Ion Ratio Lower Upper
50 100
52 31.0 25.9 38.9



#4
Vinyl Chloride
Concen: 68.154 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 62 Resp: 83473
Ion Ratio Lower Upper
62 100
64 32.2 25.1 37.7

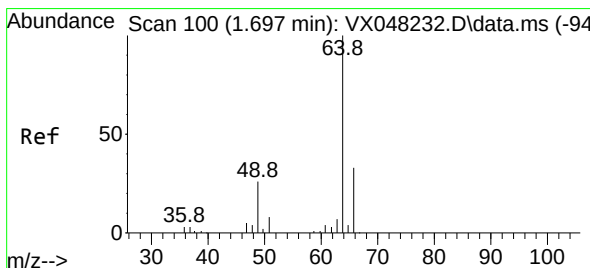
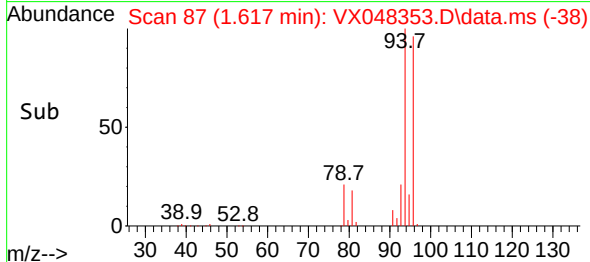
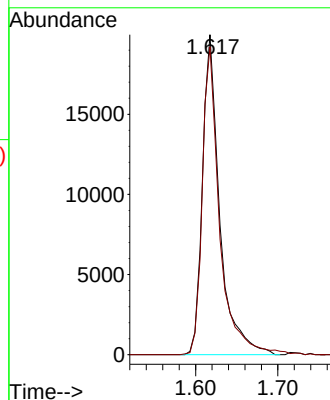
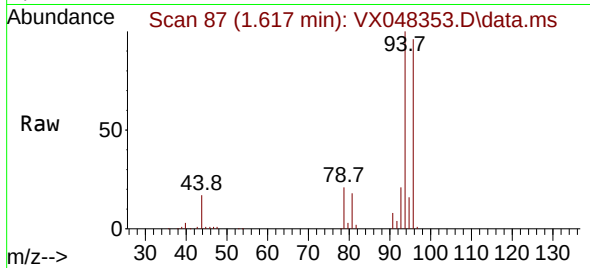




#5
Bromomethane
Concen: 35.116 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

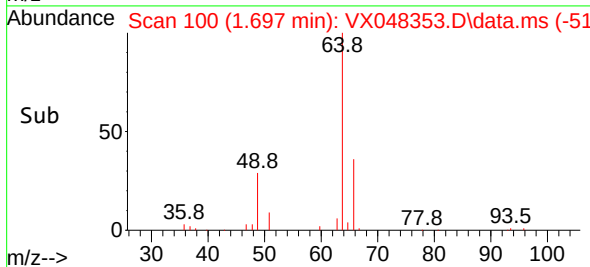
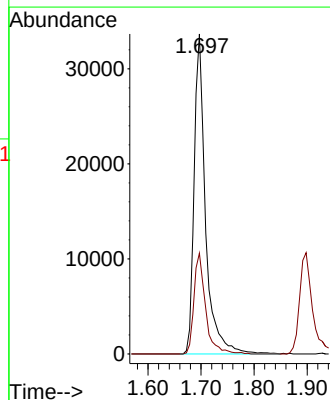
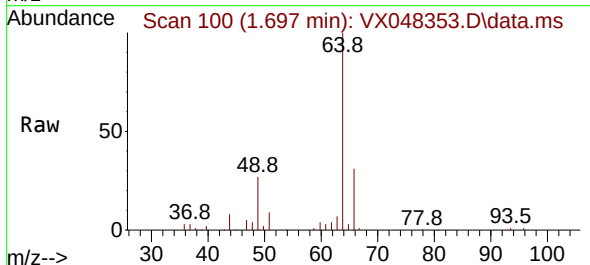
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

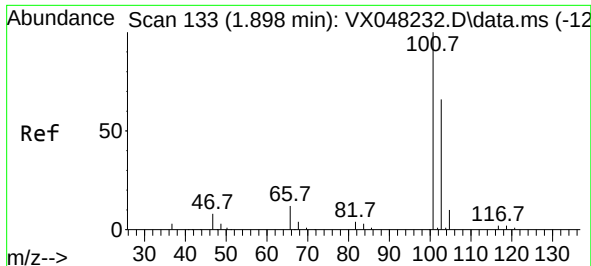
Tgt Ion: 94 Resp: 29188
Ion Ratio Lower Upper
94 100
96 96.3 76.0 114.0



#6
Chloroethane
Concen: 69.795 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 64 Resp: 50231
Ion Ratio Lower Upper
64 100
66 31.5 23.9 35.9

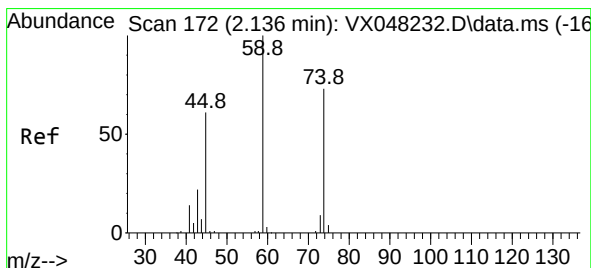
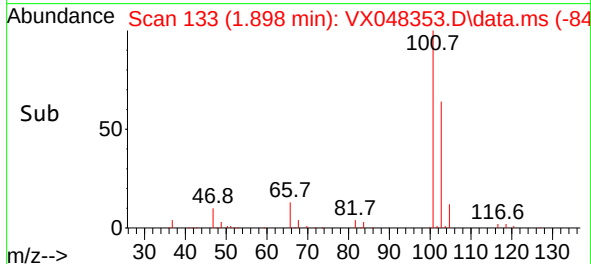
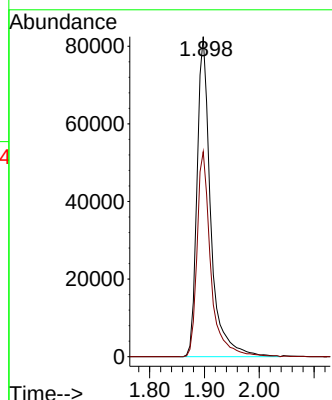
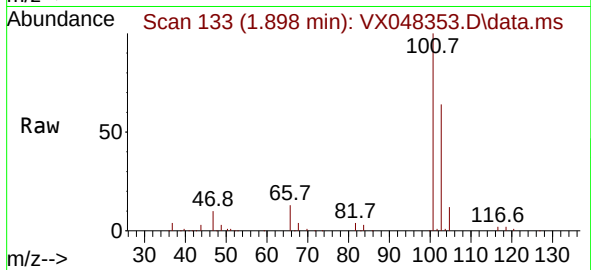




#7
Trichlorofluoromethane
Concen: 61.011 ug/l
RT: 1.898 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

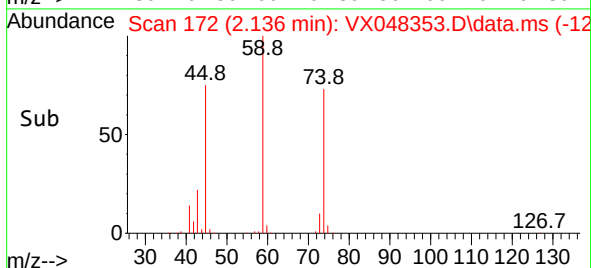
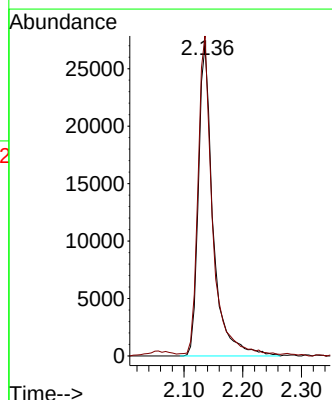
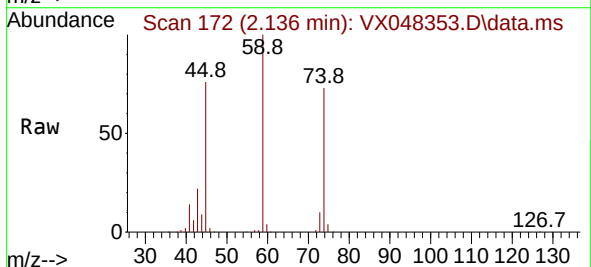
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

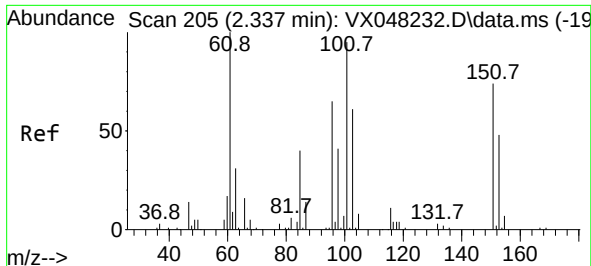
Tgt Ion:101 Resp: 143311
Ion Ratio Lower Upper
101 100
103 64.1 51.6 77.4



#8
Diethyl Ether
Concen: 71.117 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 74 Resp: 47003
Ion Ratio Lower Upper
74 100
45 101.0 50.0 149.8

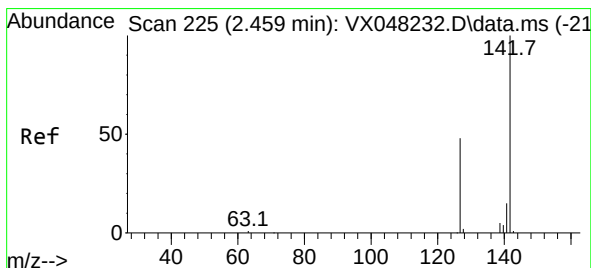
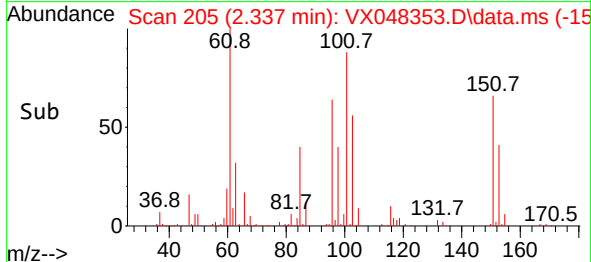
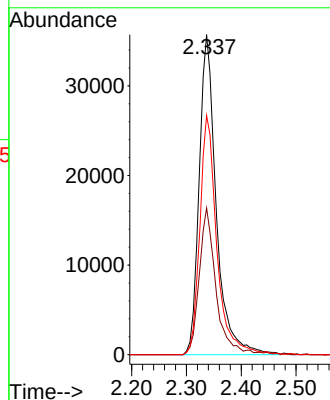
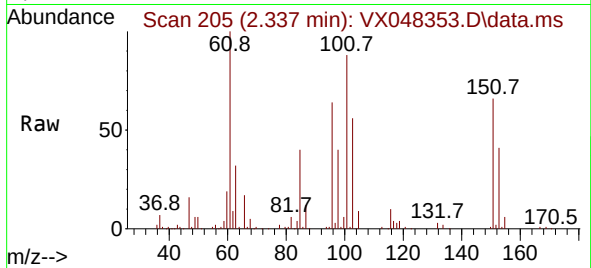




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.078 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

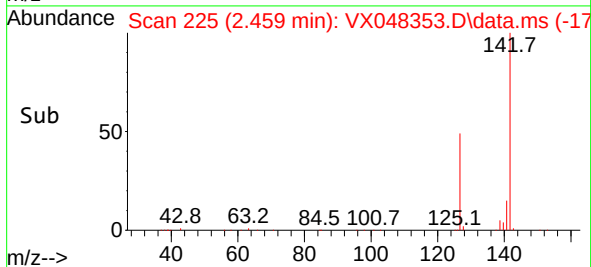
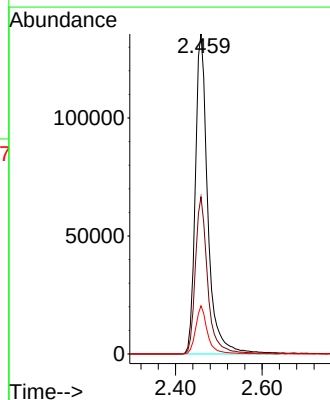
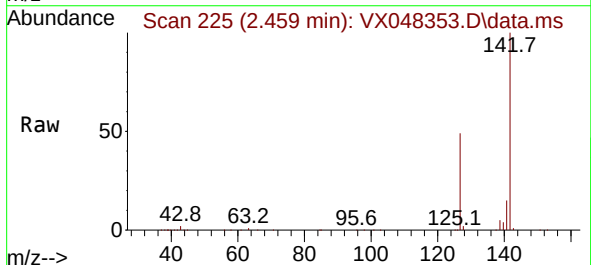
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

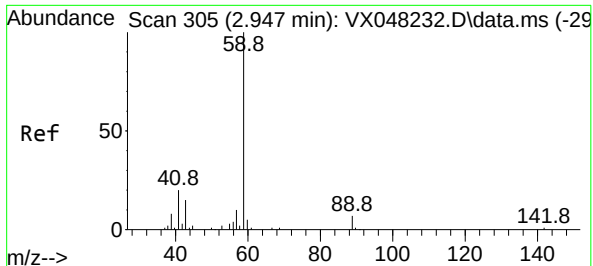
Tgt Ion:101 Resp: 77462
Ion Ratio Lower Upper
101 100
85 44.6 35.6 53.4
151 74.8 58.0 87.0



#10
Methyl Iodide
Concen: 145.110 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:142 Resp: 271342
Ion Ratio Lower Upper
142 100
127 48.7 38.5 57.7
141 14.3 11.6 17.4

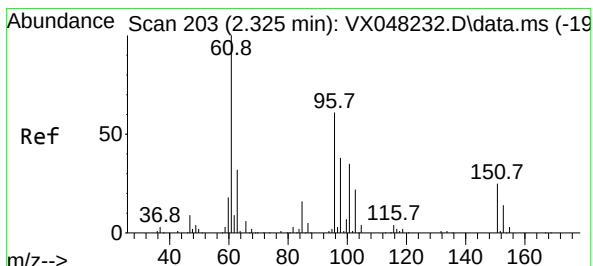
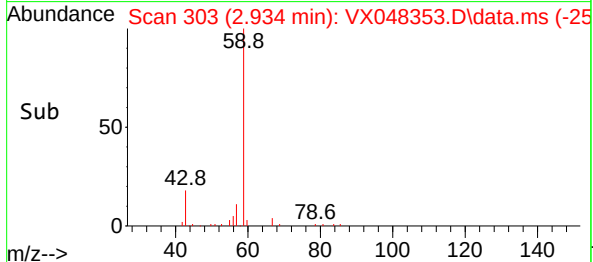
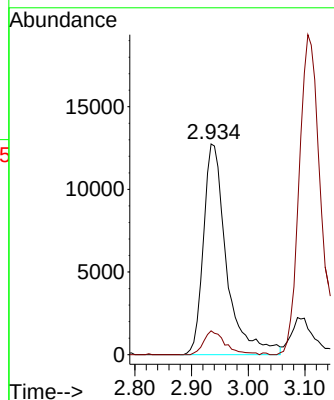
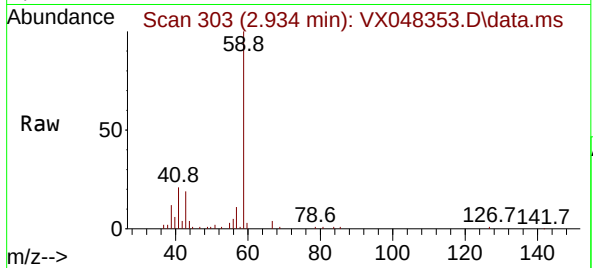




#11
Tert butyl alcohol
Concen: 188.008 ug/l
RT: 2.934 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

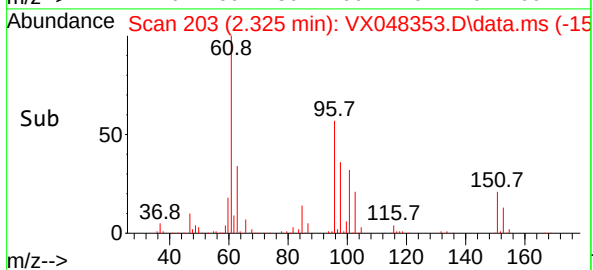
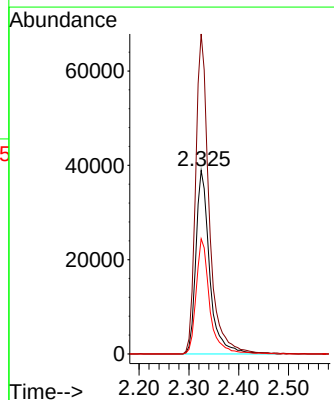
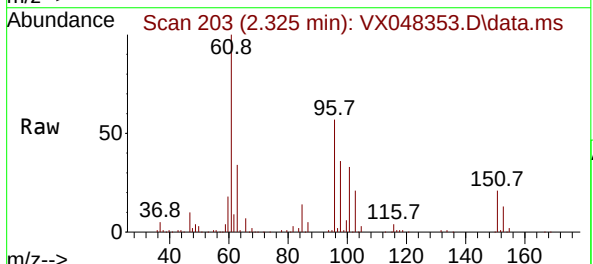
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

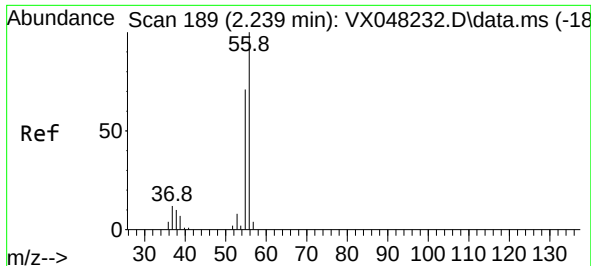
Tgt Ion: 59 Resp: 36075
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4



#12
1,1-Dichloroethene
Concen: 51.547 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 96 Resp: 74594
Ion Ratio Lower Upper
96 100
61 174.4 139.0 208.6
98 62.8 52.4 78.6

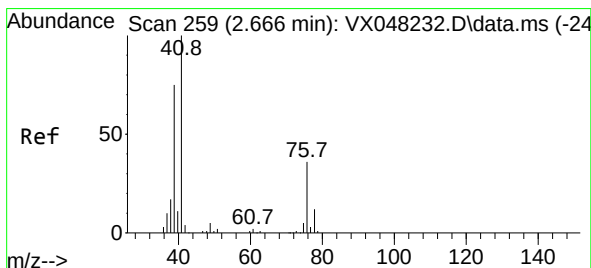
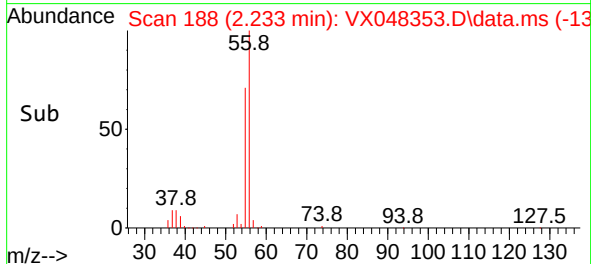
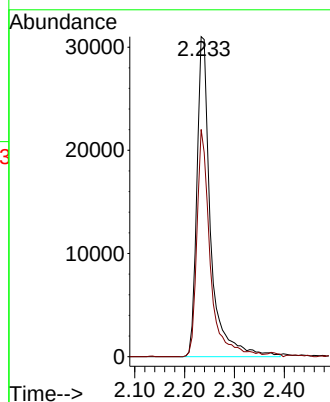
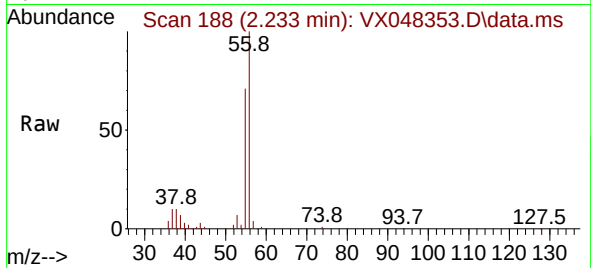




#13
Acrolein
Concen: 303.455 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

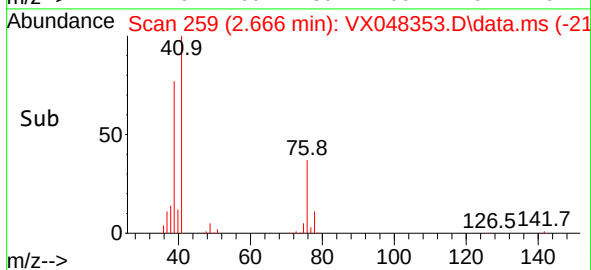
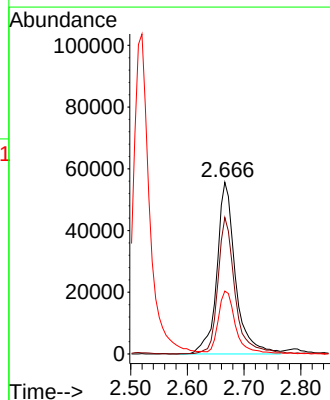
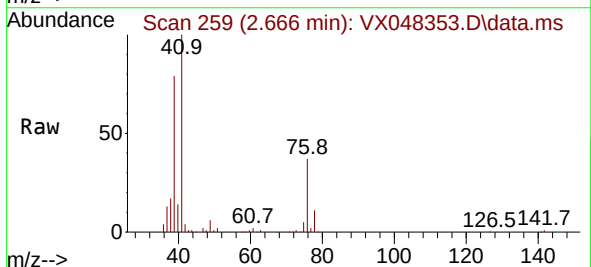
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

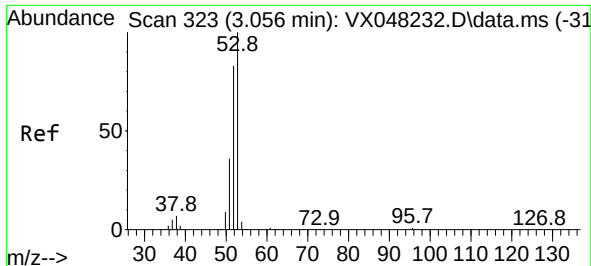
Tgt Ion: 56 Resp: 59385
Ion Ratio Lower Upper
56 100
55 69.0 56.1 84.1



#14
Allyl chloride
Concen: 52.626 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 41 Resp: 126438
Ion Ratio Lower Upper
41 100
39 74.3 56.0 84.0
76 33.2 27.5 41.3

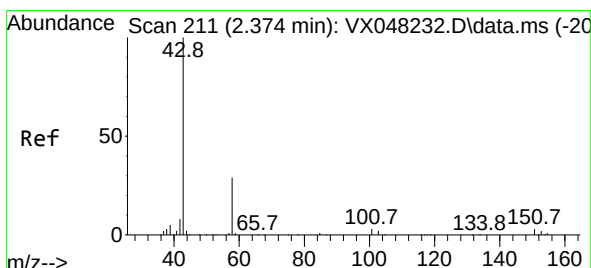
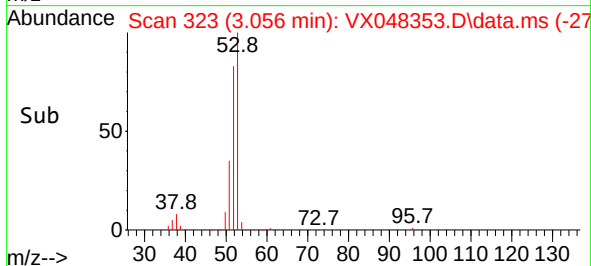
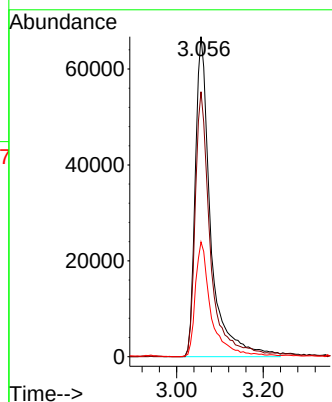
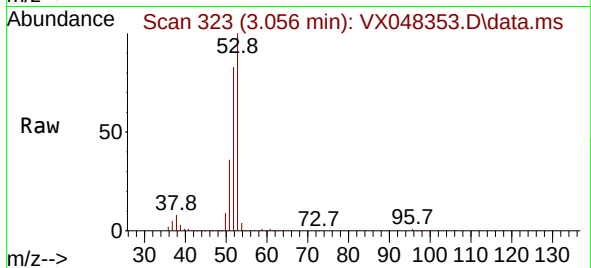




#15
Acrylonitrile
Concen: 239.471 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

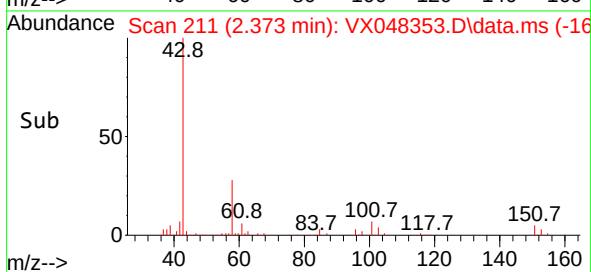
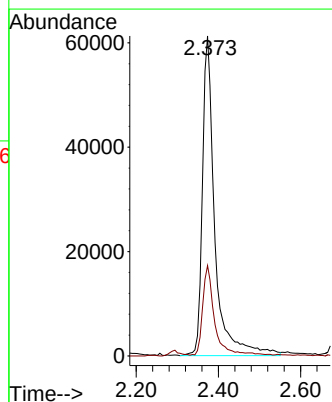
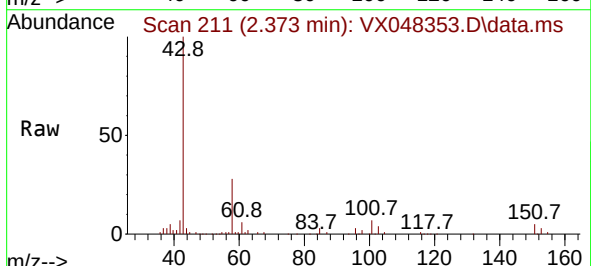
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

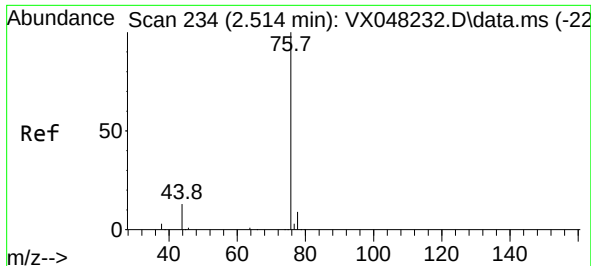
Tgt Ion: 53 Resp: 165690
Ion Ratio Lower Upper
53 100
52 81.3 66.1 99.1
51 36.6 29.0 43.4



#16
Acetone
Concen: 193.768 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 43 Resp: 128465
Ion Ratio Lower Upper
43 100
58 27.9 23.4 35.2

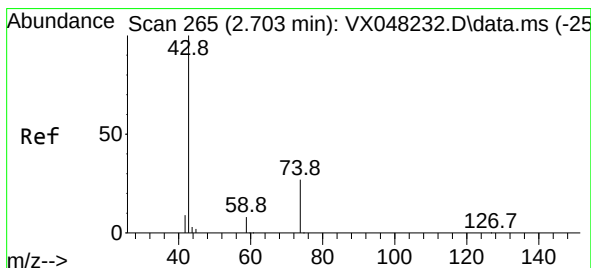
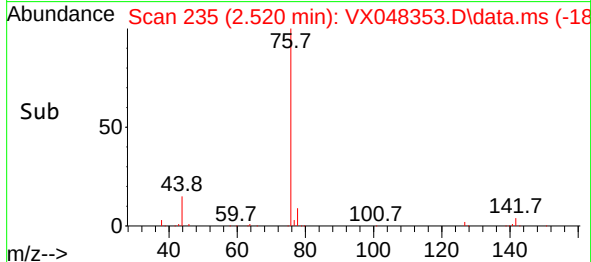
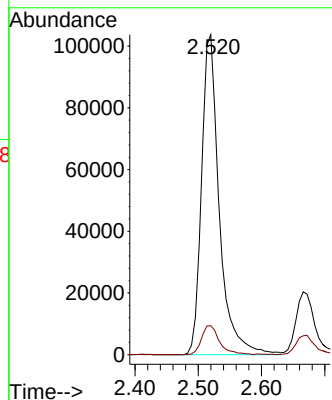
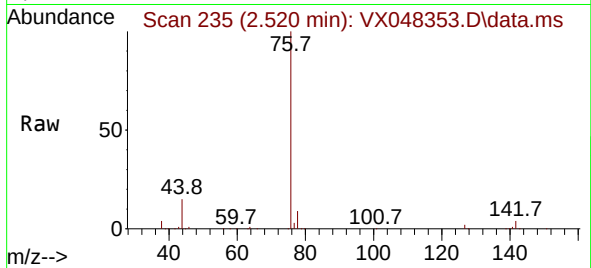




#17
Carbon Disulfide
Concen: 44.407 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

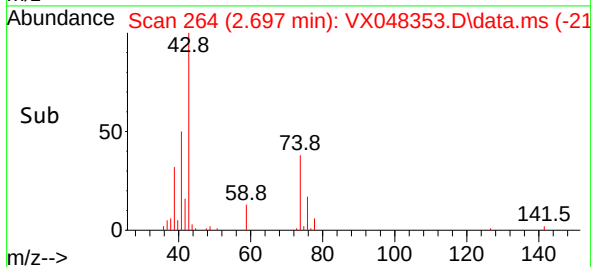
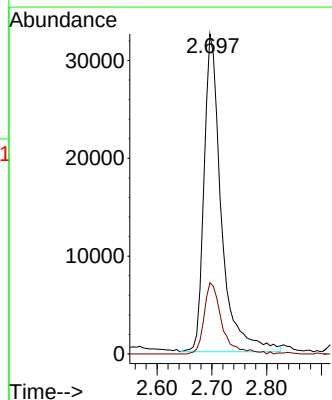
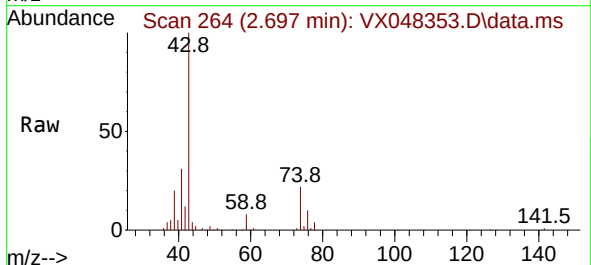
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

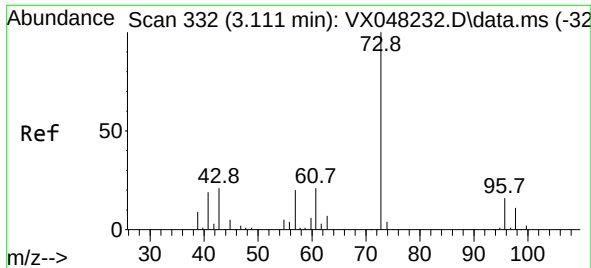
Tgt Ion: 76 Resp: 202530
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 51.241 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 43 Resp: 70947
Ion Ratio Lower Upper
43 100
74 23.2 17.5 26.3

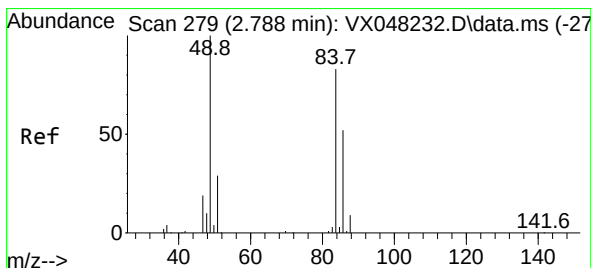
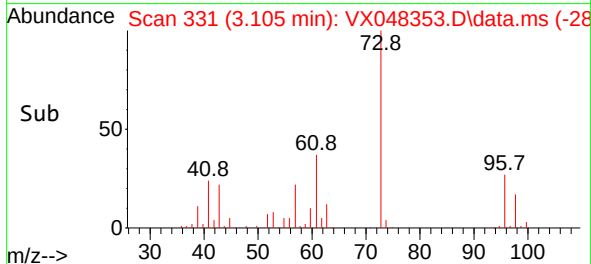
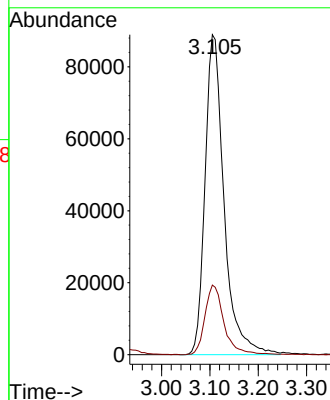
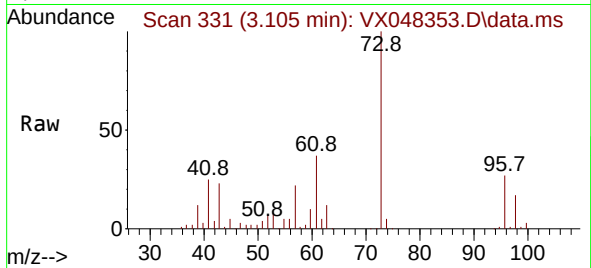




#19
Methyl tert-butyl Ether
Concen: 49.188 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

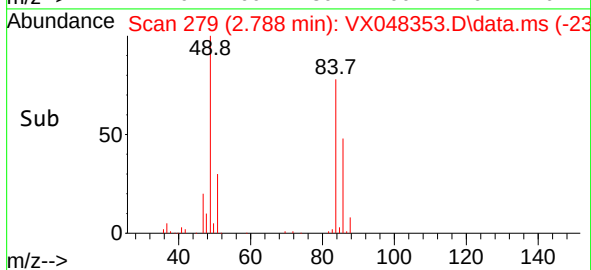
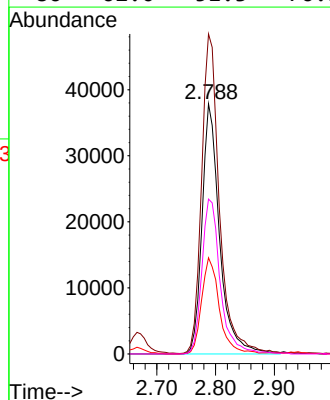
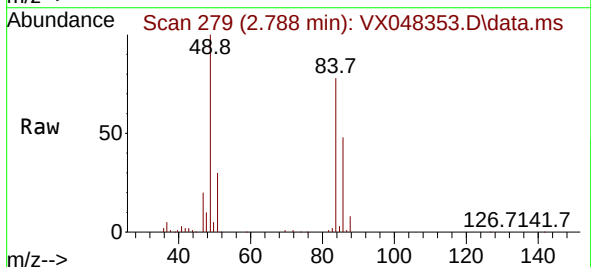
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

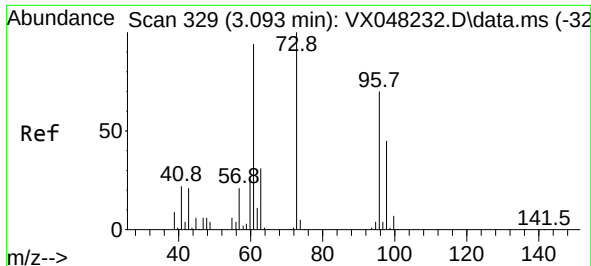
Tgt Ion: 73 Resp: 242830
Ion Ratio Lower Upper
73 100
57 21.8 17.7 26.5



#20
Methylene Chloride
Concen: 48.781 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 84 Resp: 78803
Ion Ratio Lower Upper
84 100
49 127.8 104.1 156.1
51 38.5 31.3 46.9
86 62.0 51.3 76.9

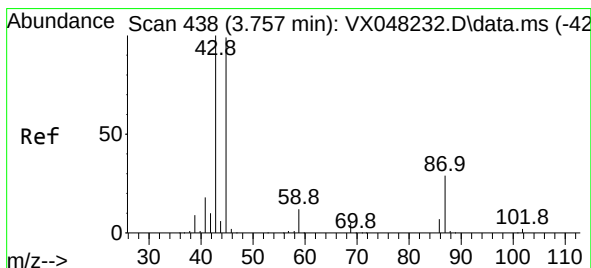
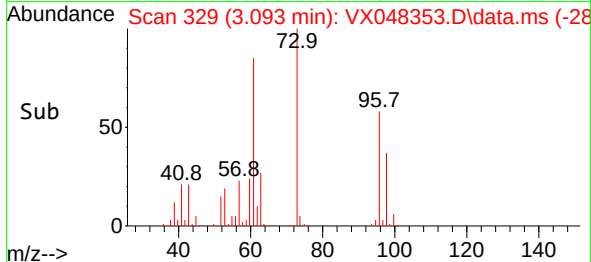
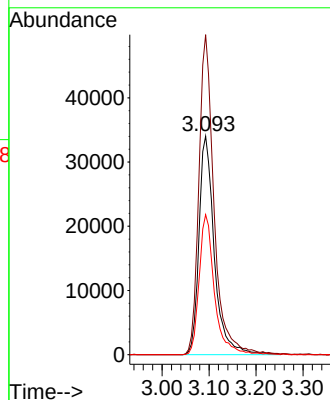
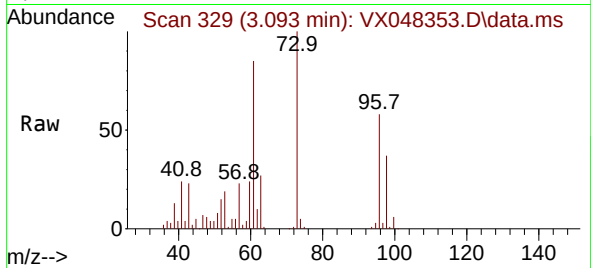




#21
trans-1,2-Dichloroethene
Concen: 48.846 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

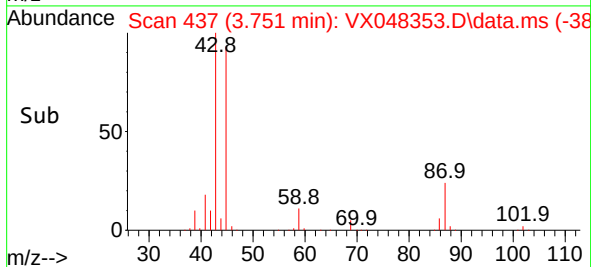
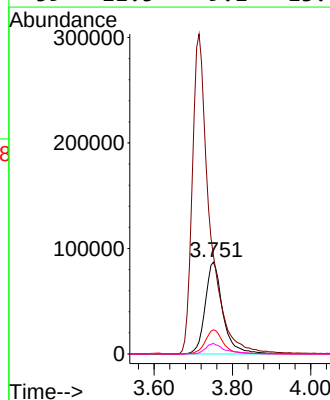
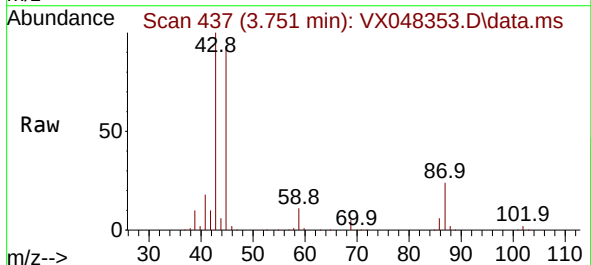
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

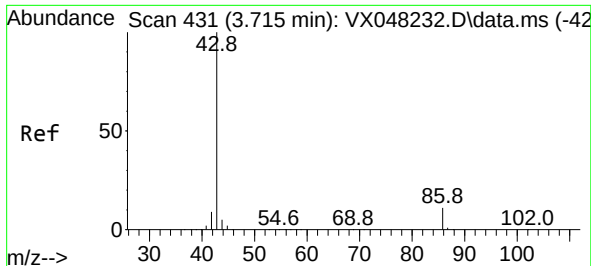
Tgt Ion: 96 Resp: 77645
Ion Ratio Lower Upper
96 100
61 146.4 111.9 167.9
98 66.3 51.2 76.8



#22
Diisopropyl ether
Concen: 56.729 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 45 Resp: 271845
Ion Ratio Lower Upper
45 100
43 107.3 89.8 134.8
87 26.3 20.6 31.0
59 11.5 9.1 13.7

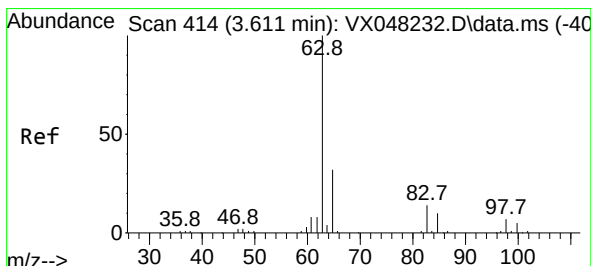
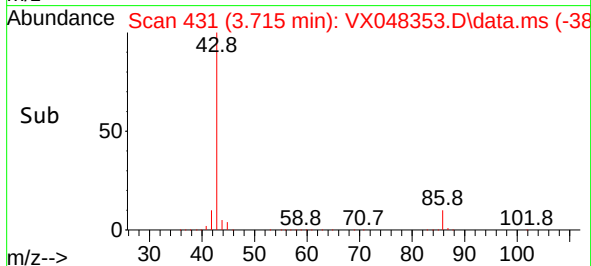
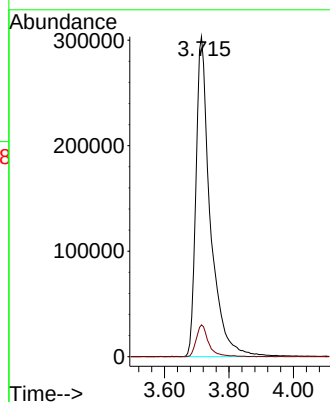
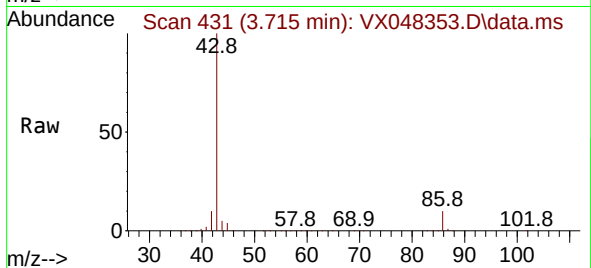




#23
 Vinyl Acetate
 Concen: 245.353 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX048353.D
 Acq: 24 Oct 2025 15:49

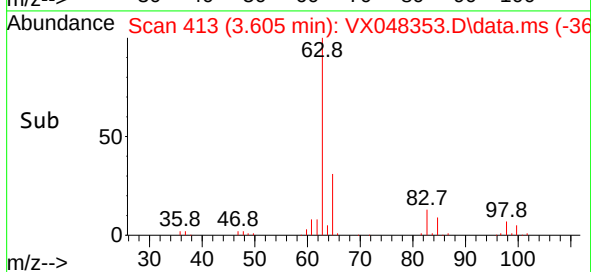
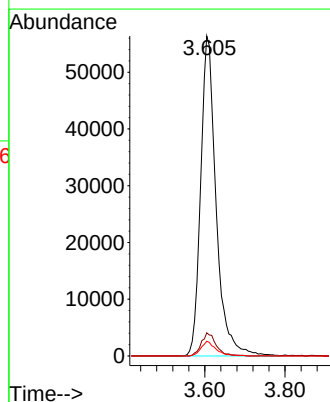
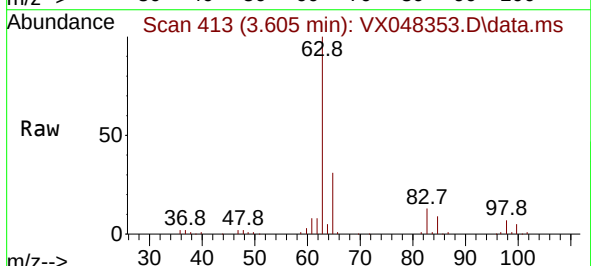
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

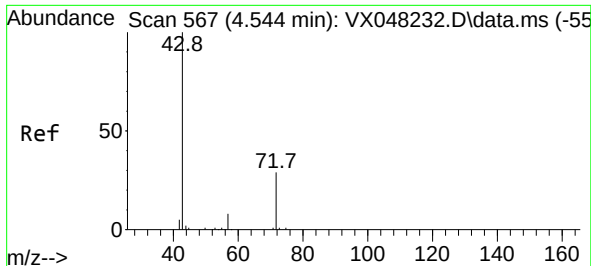
Tgt Ion: 43 Resp: 939179
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 52.017 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX048353.D
 Acq: 24 Oct 2025 15:49

Tgt Ion: 63 Resp: 150722
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.6
 100 4.6 2.1 6.3

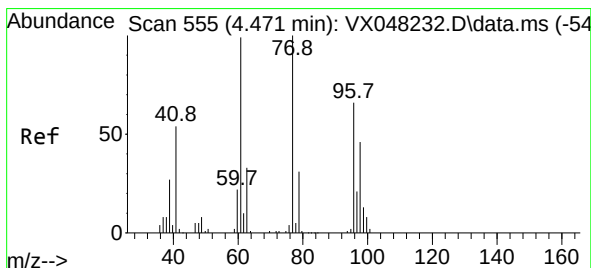
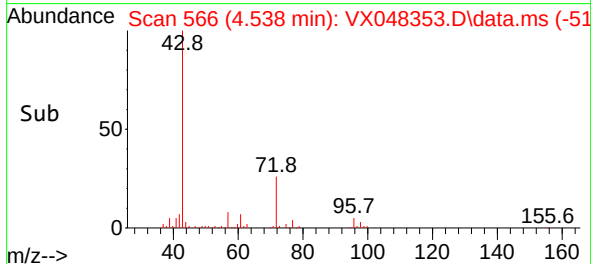
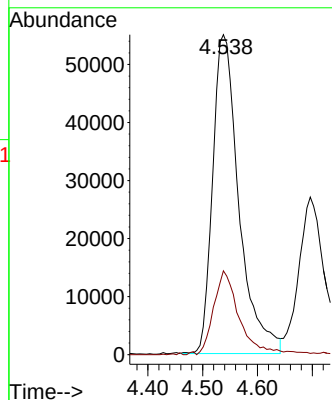
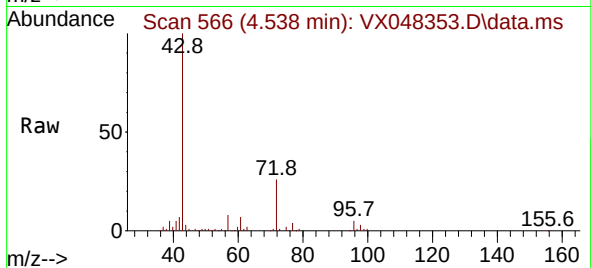




#25
2-Butanone
Concen: 217.495 ug/l
RT: 4.538 min Scan# 566
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

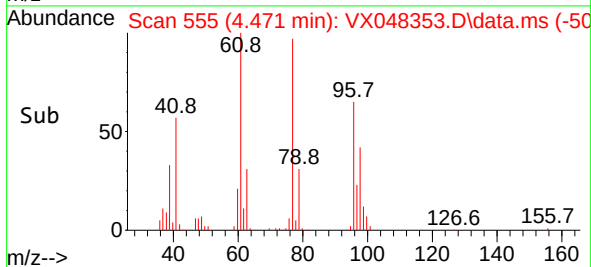
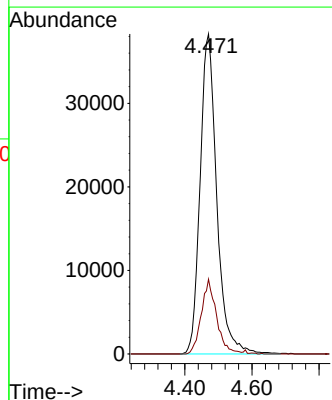
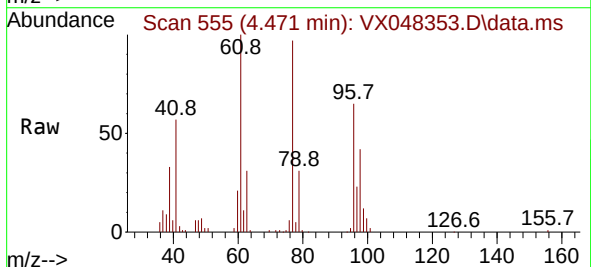
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

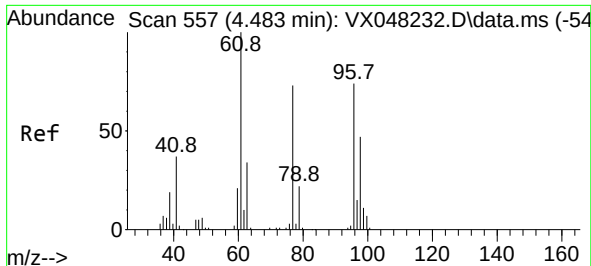
Tgt Ion: 43 Resp: 182514
Ion Ratio Lower Upper
43 100
72 25.4 19.9 29.9



#26
2,2-Dichloropropane
Concen: 50.451 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 77 Resp: 131948
Ion Ratio Lower Upper
77 100
97 21.3 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 49.885 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

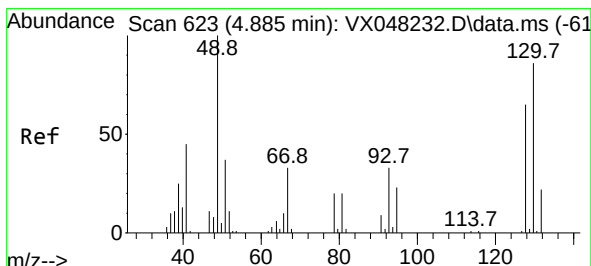
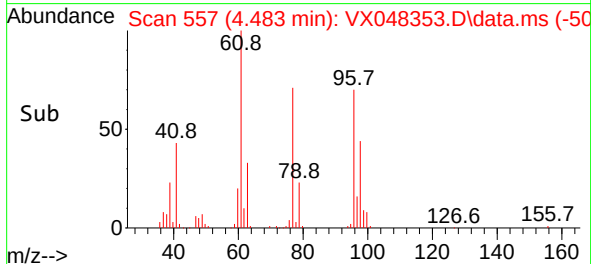
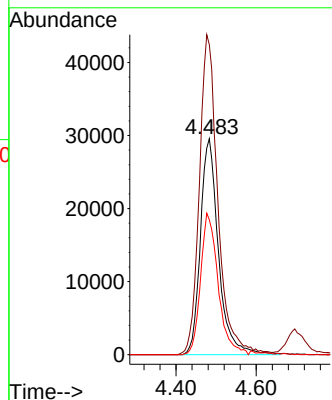
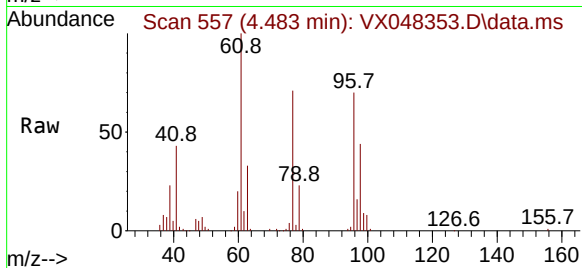
Tgt Ion: 96 Resp: 92543

Ion Ratio Lower Upper

96 100

61 152.1 0.0 294.2

98 63.6 0.0 128.4



#28

Bromochloromethane

Concen: 52.749 ug/l

RT: 4.891 min Scan# 624

Delta R.T. 0.006 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

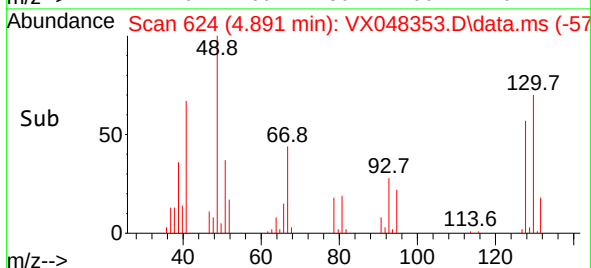
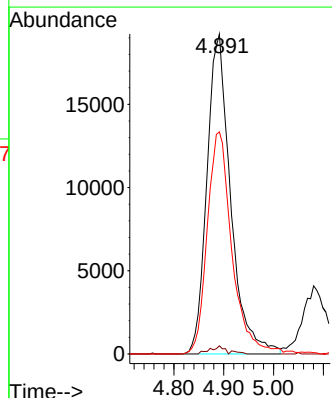
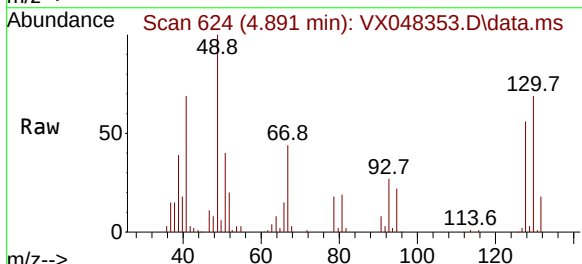
Tgt Ion: 49 Resp: 63375

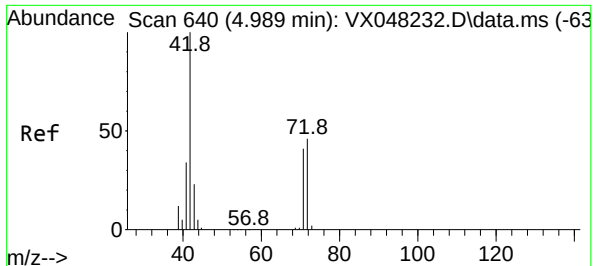
Ion Ratio Lower Upper

49 100

129 1.4 0.0 4.4

130 72.3 59.3 88.9





#29

Tetrahydrofuran

Concen: 239.119 ug/l

RT: 4.989 min Scan# 640

Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

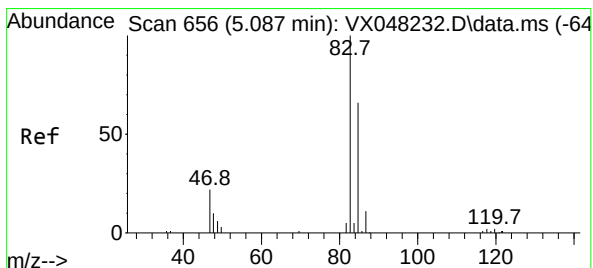
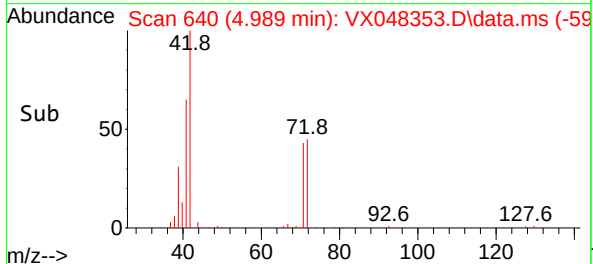
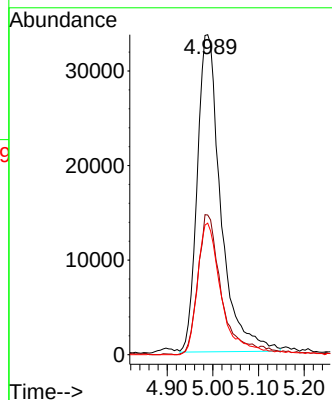
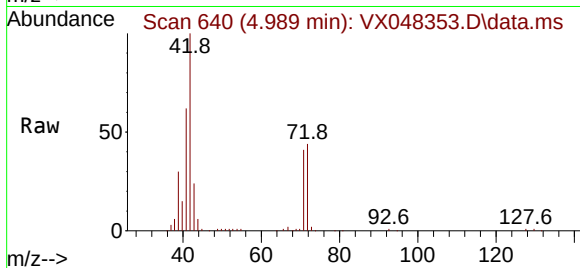
Tgt Ion: 42 Resp: 120176

Ion Ratio Lower Upper

42 100

72 43.5 35.3 52.9

71 42.1 32.2 48.4



#30

Chloroform

Concen: 50.495 ug/l

RT: 5.080 min Scan# 655

Delta R.T. -0.000 min

Lab File: VX048353.D

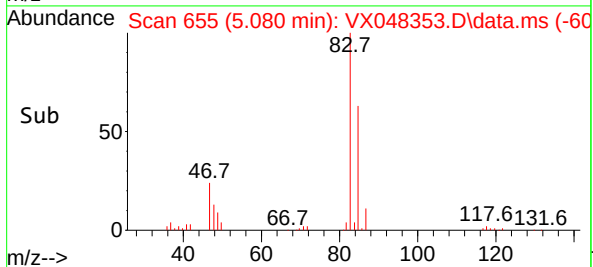
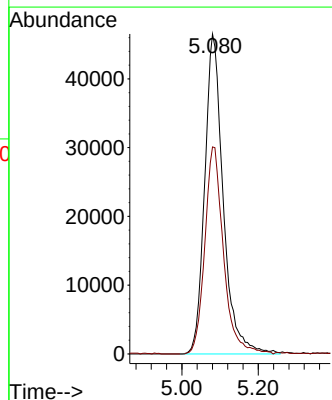
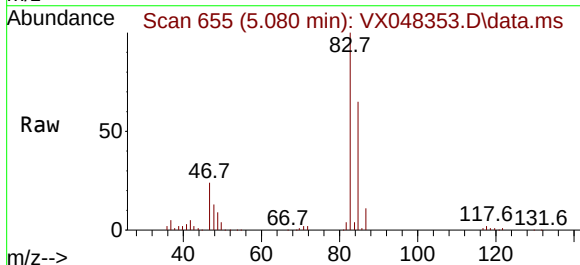
Acq: 24 Oct 2025 15:49

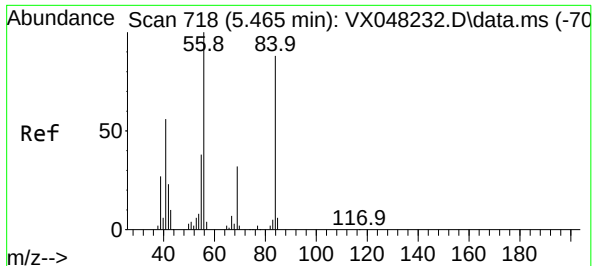
Tgt Ion: 83 Resp: 156317

Ion Ratio Lower Upper

83 100

85 64.7 50.1 75.1

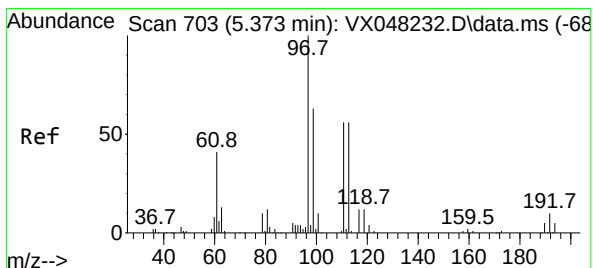
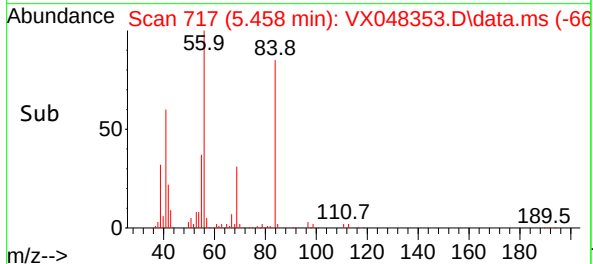
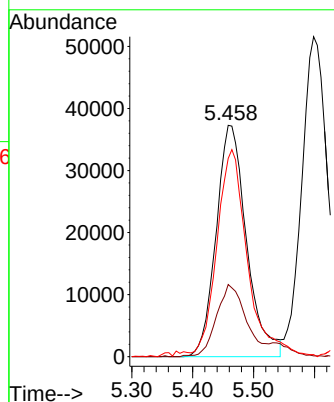
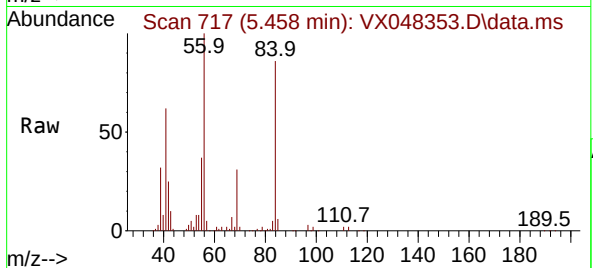




#31
Cyclohexane
Concen: 53.842 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

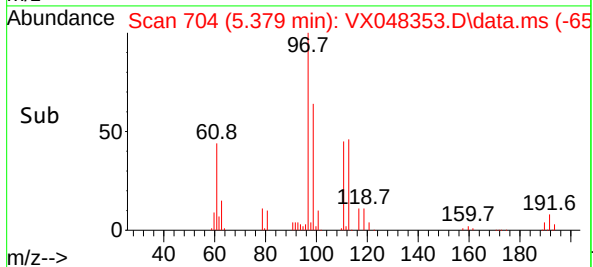
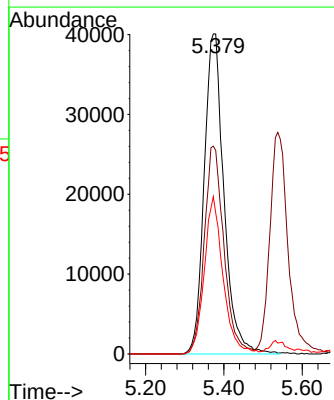
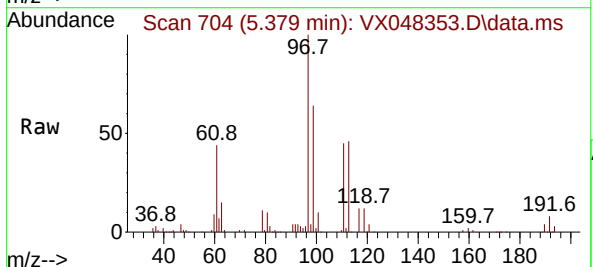
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

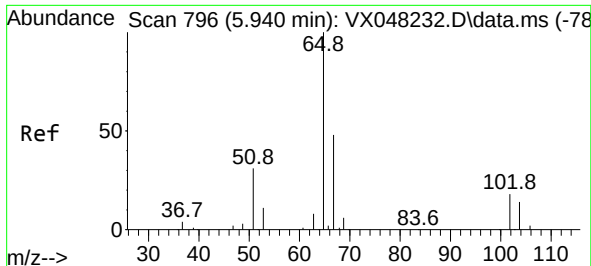
Tgt Ion: 56 Resp: 129162
Ion Ratio Lower Upper
56 100
69 30.5 23.0 34.6
84 84.0 64.6 97.0



#32
1,1,1-Trichloroethane
Concen: 49.248 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 97 Resp: 140509
Ion Ratio Lower Upper
97 100
99 64.4 51.7 77.5
61 46.6 34.8 52.2

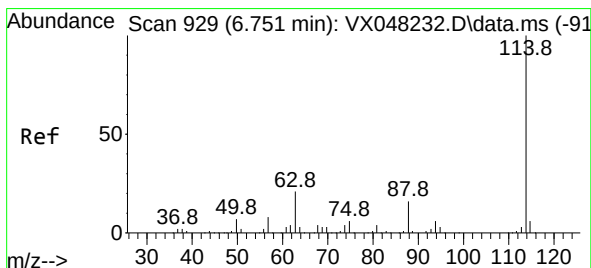
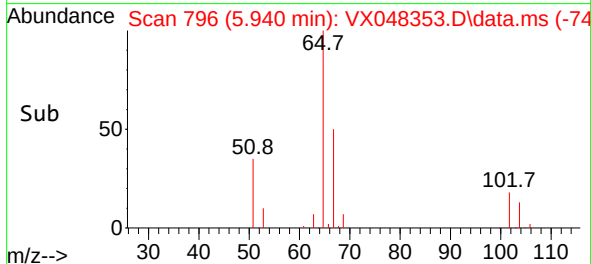
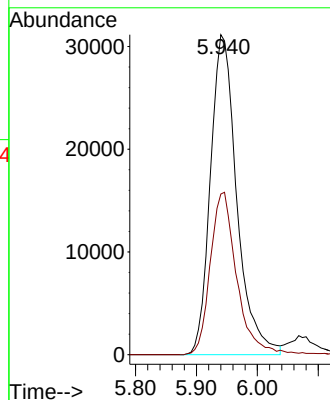
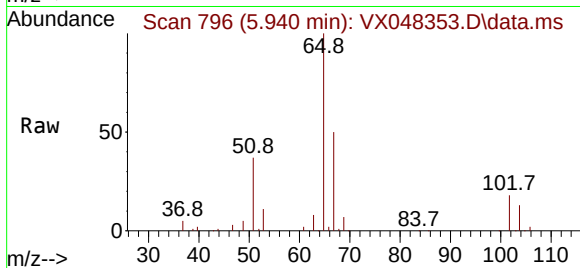




#33
 1,2-Dichloroethane-d4
 Concen: 48.565 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VX048353.D
 Acq: 24 Oct 2025 15:49

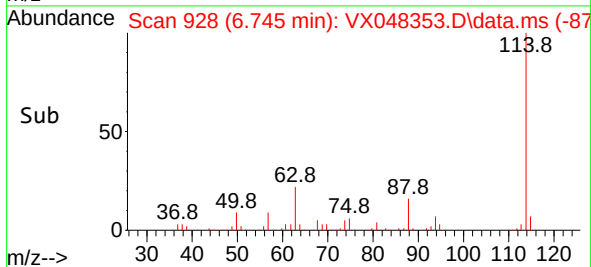
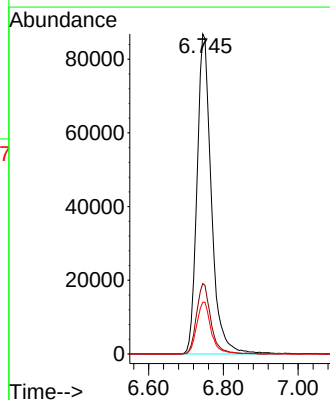
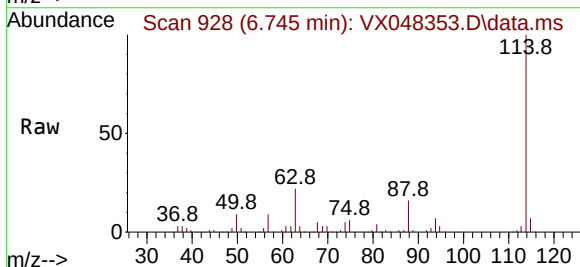
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

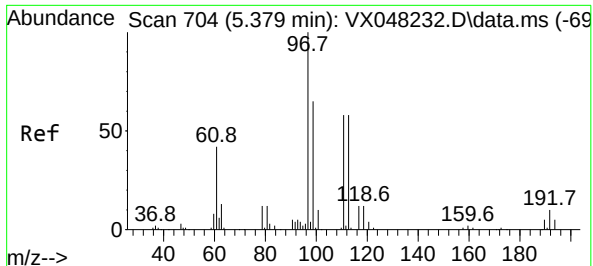
Tgt Ion: 65 Resp: 93855
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 928
 Delta R.T. -0.000 min
 Lab File: VX048353.D
 Acq: 24 Oct 2025 15:49

Tgt Ion: 114 Resp: 230908
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.2
 88 16.2 0.0 33.6

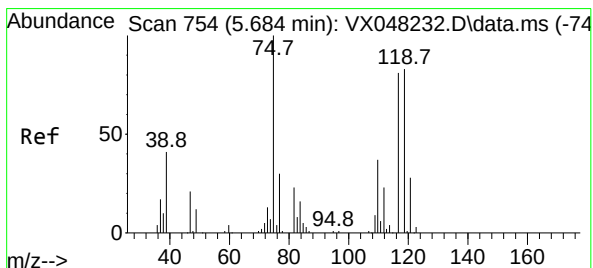
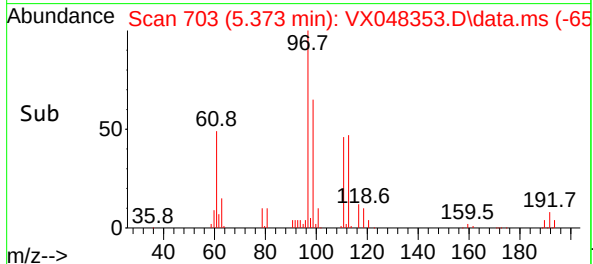
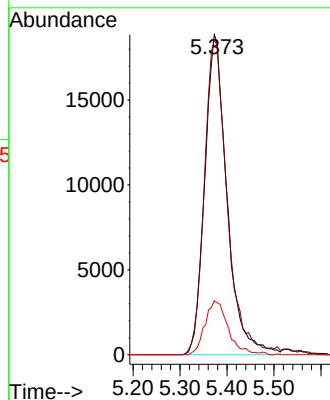
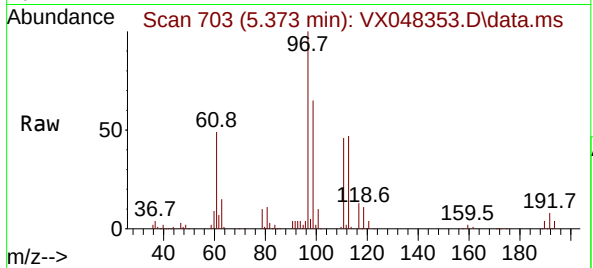




#35
Dibromofluoromethane
Concen: 39.419 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

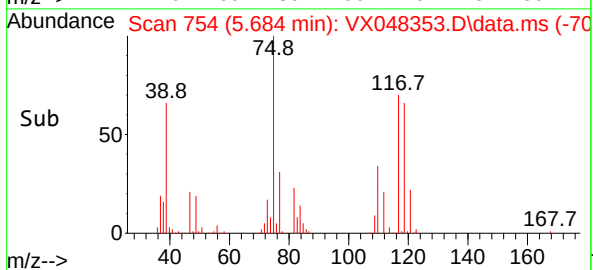
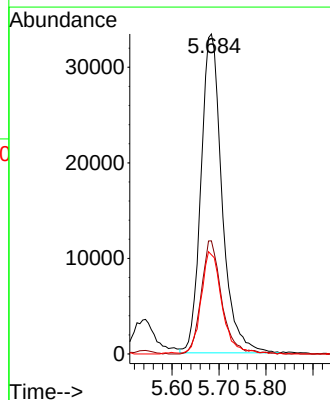
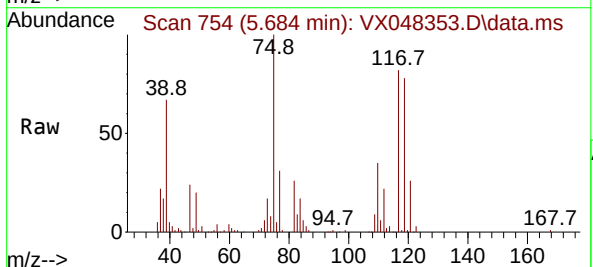
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

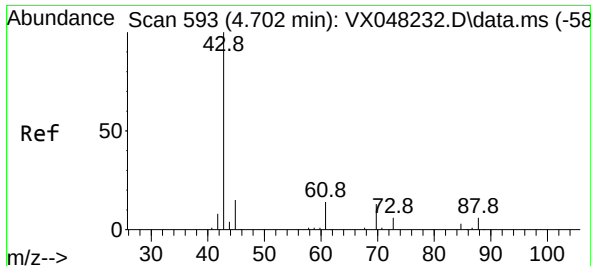
Tgt Ion:113 Resp: 62140
Ion Ratio Lower Upper
113 100
111 100.3 82.2 123.4
192 17.4 15.1 22.7



#36
1,1-Dichloropropene
Concen: 46.369 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 75 Resp: 103893
Ion Ratio Lower Upper
75 100
110 34.6 17.7 53.1
77 30.7 24.3 36.5





#37

Ethyl Acetate

Concen: 51.057 ug/l

RT: 4.696 min Scan# 593

Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

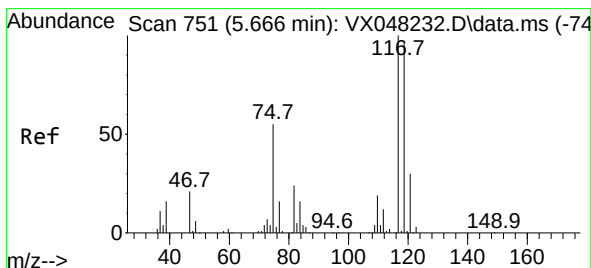
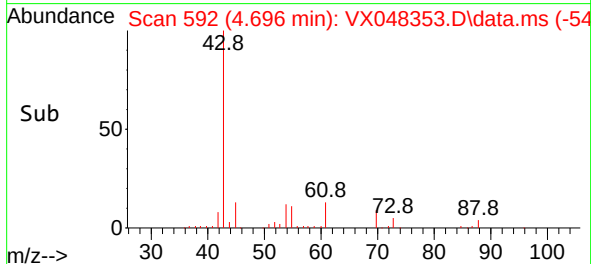
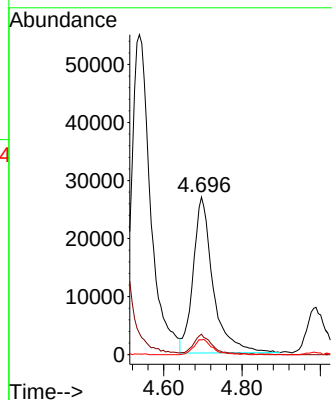
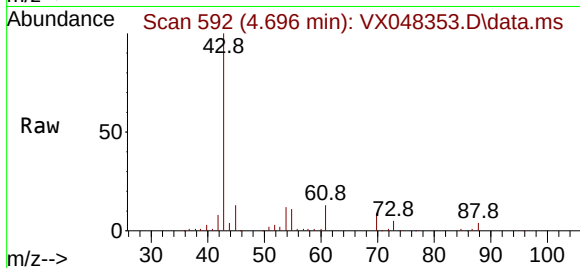
Tgt Ion: 43 Resp: 94821

Ion Ratio Lower Upper

43 100

61 12.7 10.6 15.8

70 9.0 7.8 11.6



#38

Carbon Tetrachloride

Concen: 43.846 ug/l

RT: 5.665 min Scan# 751

Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

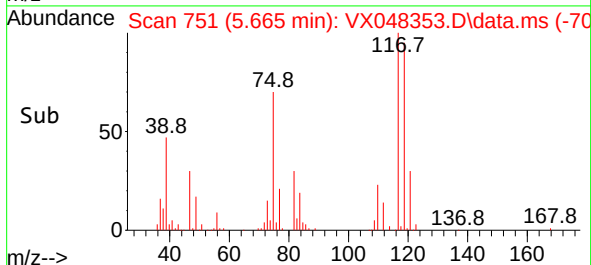
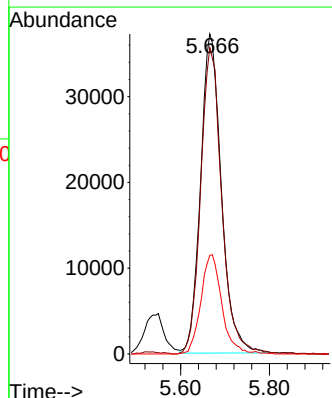
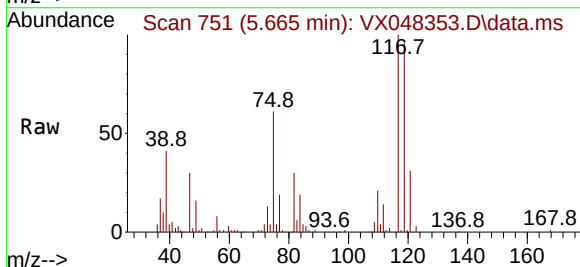
Tgt Ion: 117 Resp: 121202

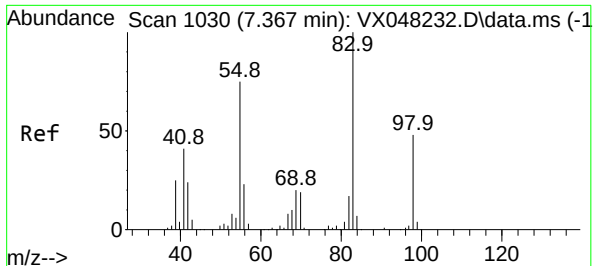
Ion Ratio Lower Upper

117 100

119 95.9 77.2 115.8

121 30.9 24.8 37.2

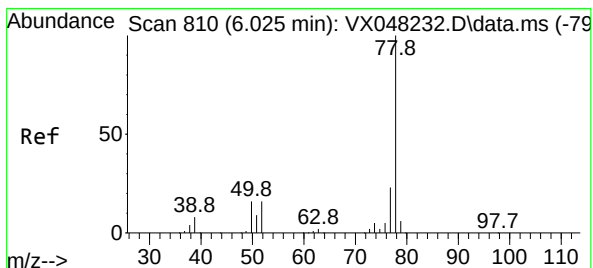
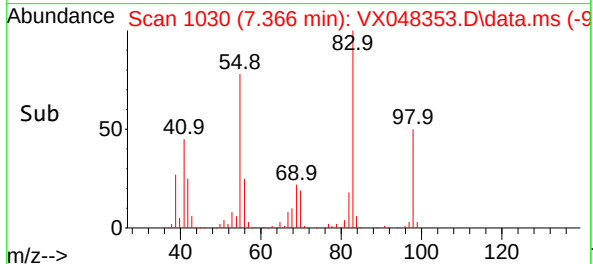
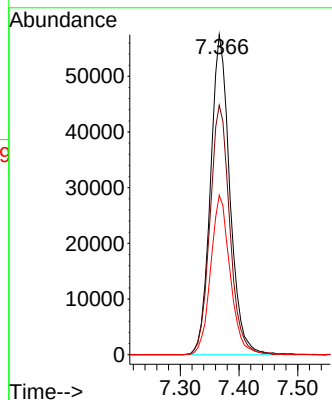
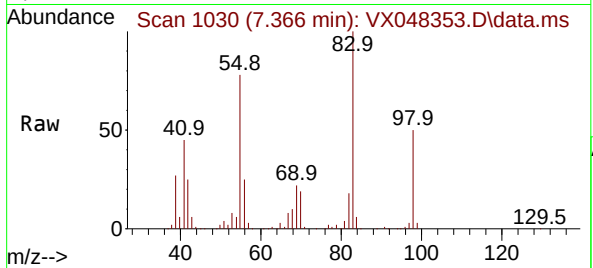




#39
Methylcyclohexane
Concen: 49.732 ug/l
RT: 7.366 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

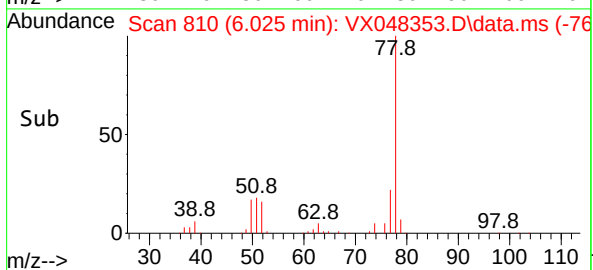
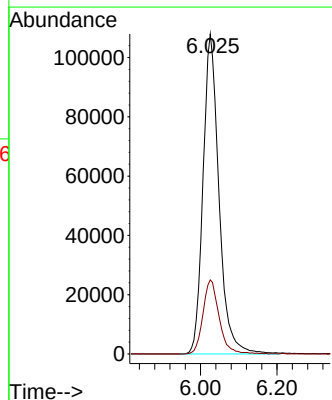
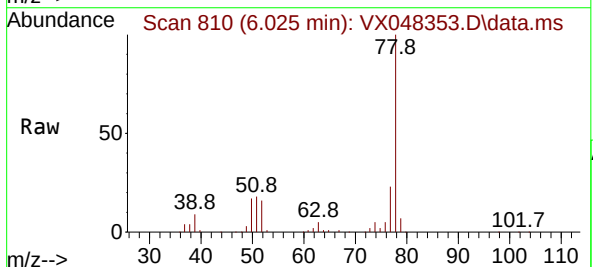
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

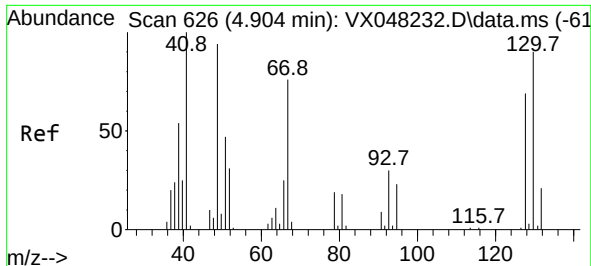
Tgt Ion: 83 Resp: 131596
Ion Ratio Lower Upper
83 100
55 78.0 66.2 99.2
98 49.8 38.9 58.3



#40
Benzene
Concen: 47.991 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 78 Resp: 312187
Ion Ratio Lower Upper
78 100
77 23.1 19.3 28.9



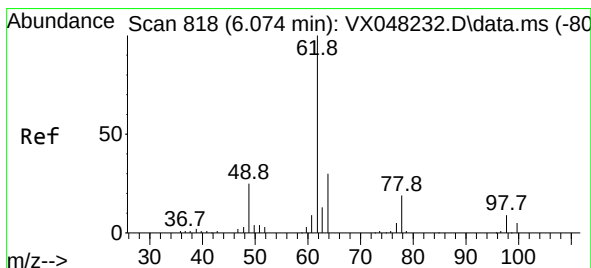
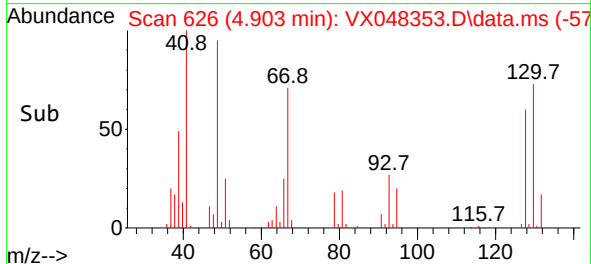
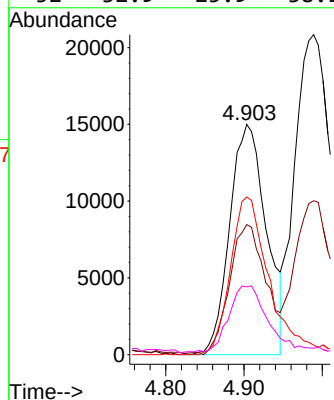
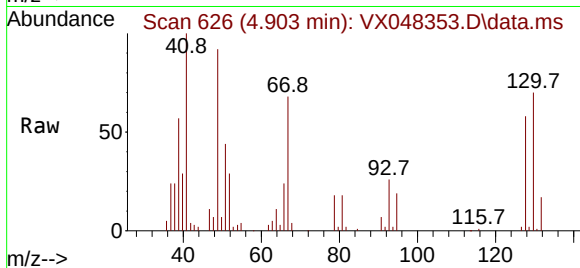


#41
Methacrylonitrile
Concen: 49.974 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 48739

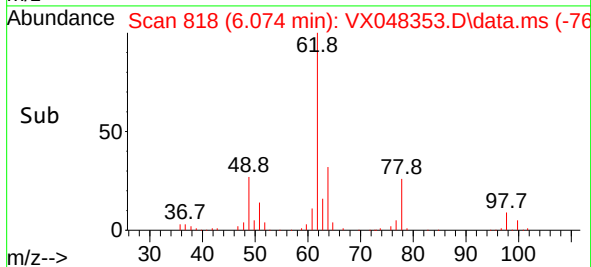
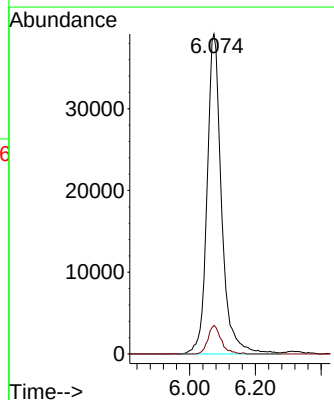
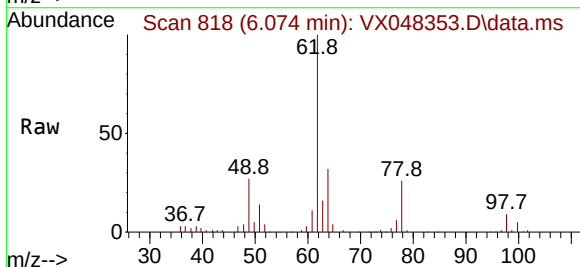
Ion	Ratio	Lower	Upper
41	100		
39	56.3	44.0	66.0
67	72.8	58.7	88.1
52	32.9	25.9	38.9

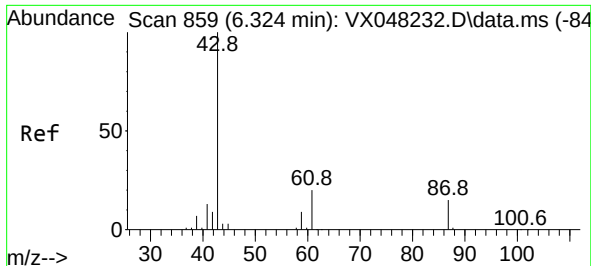


#42
1,2-Dichloroethane
Concen: 49.865 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 62 Resp: 119697

Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.2

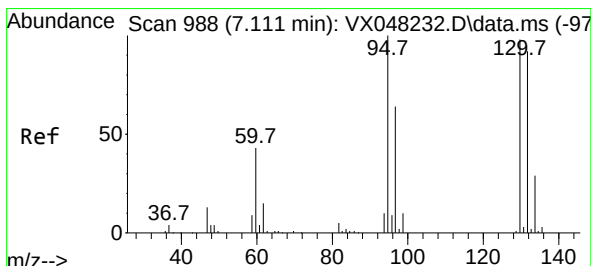
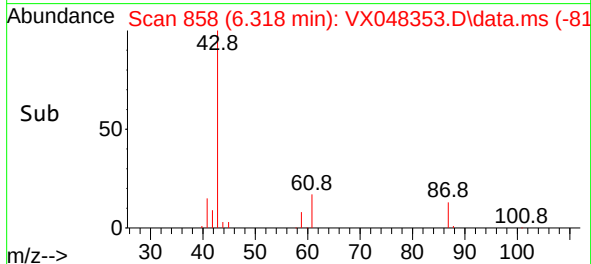
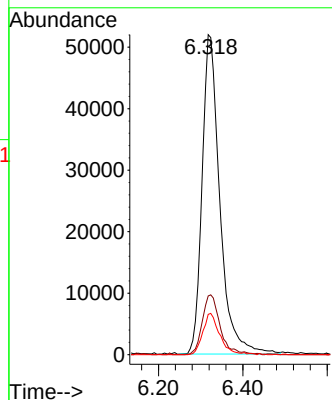
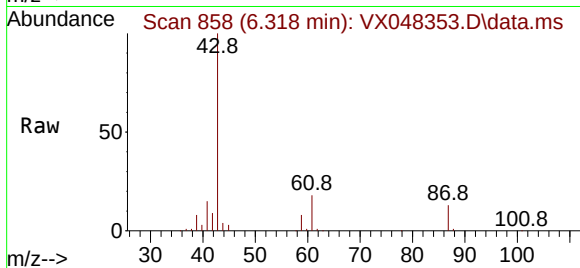




#43
Isopropyl Acetate
Concen: 49.940 ug/l
RT: 6.318 min Scan# 859
Delta R.T. -0.006 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

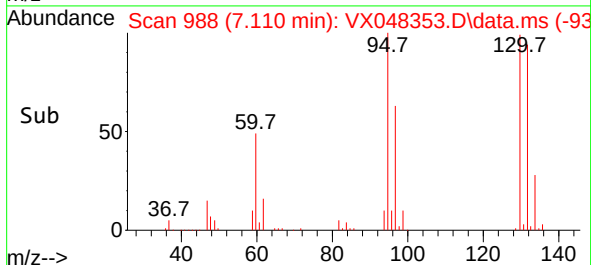
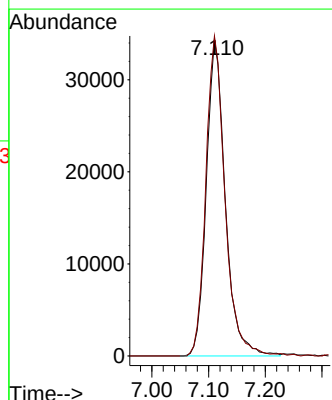
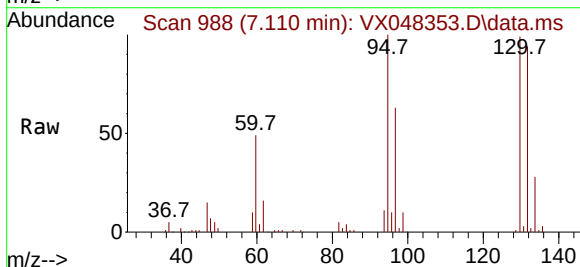
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

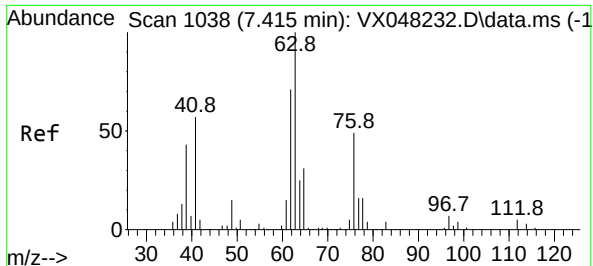
Tgt Ion: 43 Resp: 152346
Ion Ratio Lower Upper
43 100
61 18.9 14.9 22.3
87 12.3 9.4 14.2



#44
Trichloroethene
Concen: 46.488 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:130 Resp: 79852
Ion Ratio Lower Upper
130 100
95 100.8 0.0 200.6





#45

1,2-Dichloropropane

Concen: 50.904 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

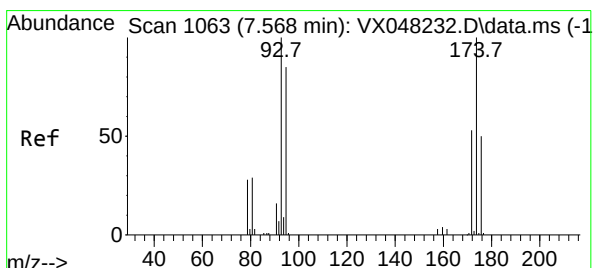
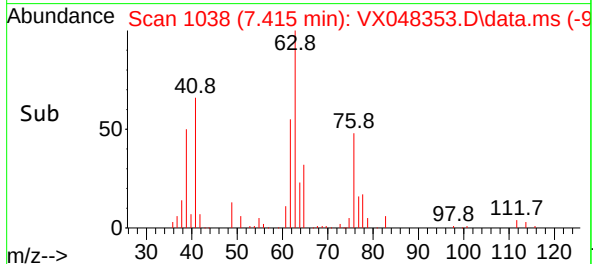
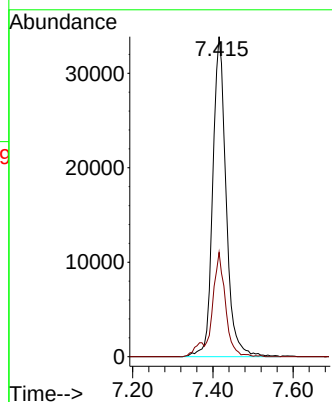
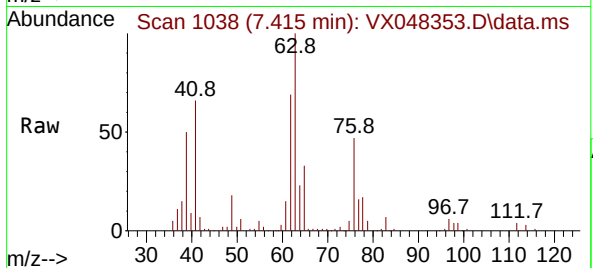
VSTDCCC050EC

Tgt Ion: 63 Resp: 78729

Ion Ratio Lower Upper

63 100

65 32.6 24.1 36.1



#46

Dibromomethane

Concen: 46.488 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

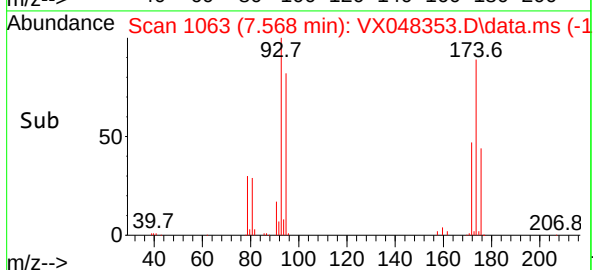
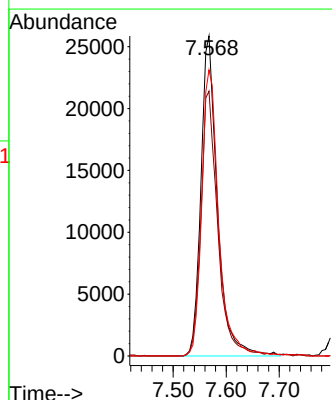
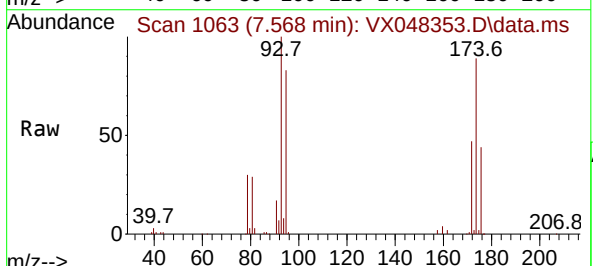
Tgt Ion: 93 Resp: 56015

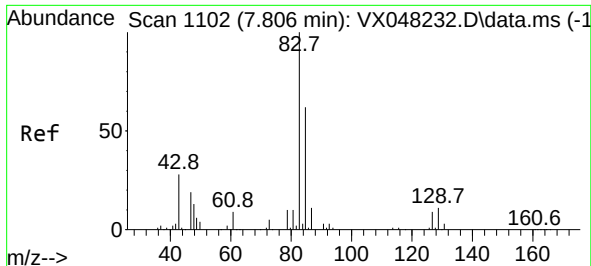
Ion Ratio Lower Upper

93 100

95 84.0 65.9 98.9

174 92.2 71.7 107.5

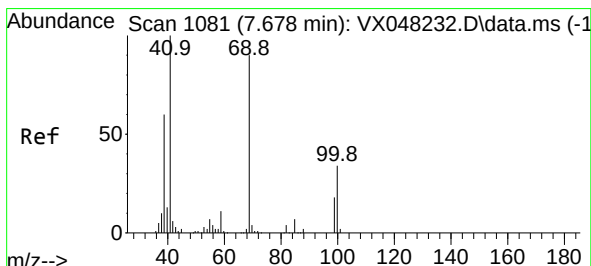
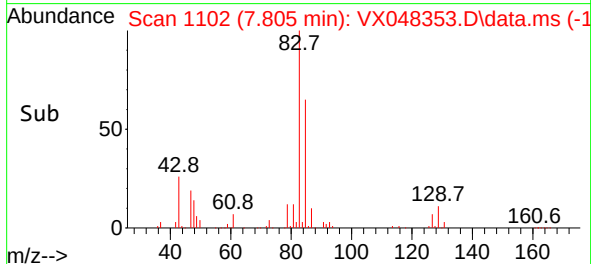
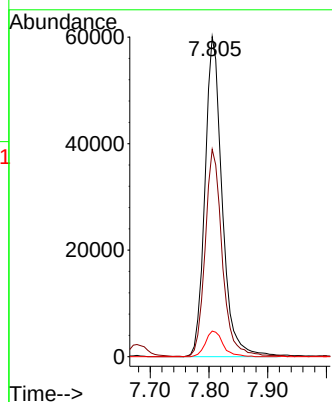
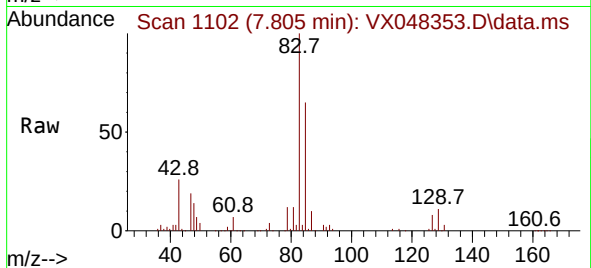




#47
Bromodichloromethane
Concen: 47.075 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

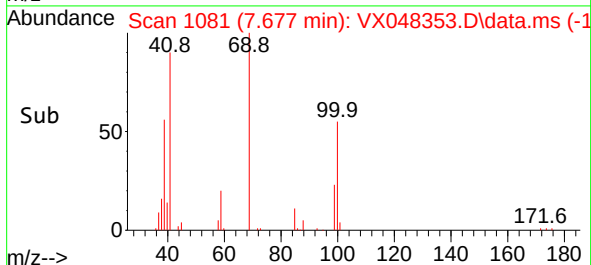
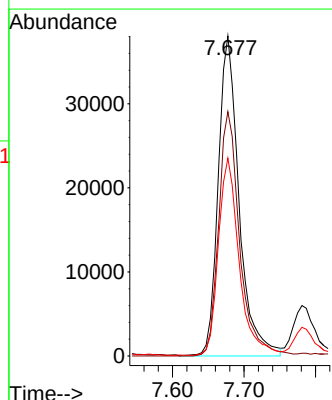
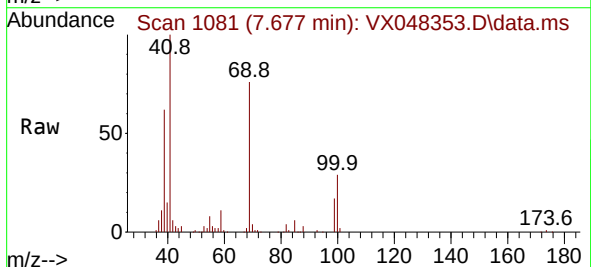
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

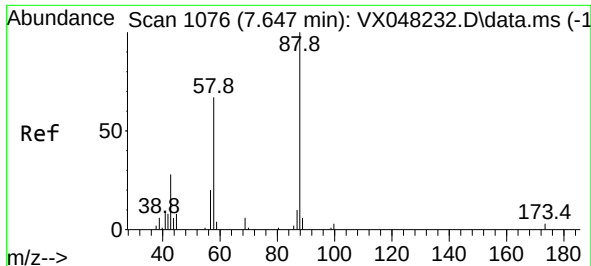
Tgt Ion: 83 Resp: 122472
Ion Ratio Lower Upper
83 100
85 64.6 52.2 78.4
127 8.0 7.3 10.9



#48
Methyl methacrylate
Concen: 50.123 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 41 Resp: 77157
Ion Ratio Lower Upper
41 100
69 76.8 63.4 95.0
39 61.4 47.1 70.7





#49

1,4-Dioxane

Concen: 767.869 ug/l

RT: 7.641 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

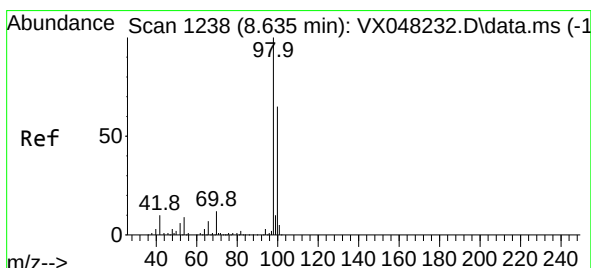
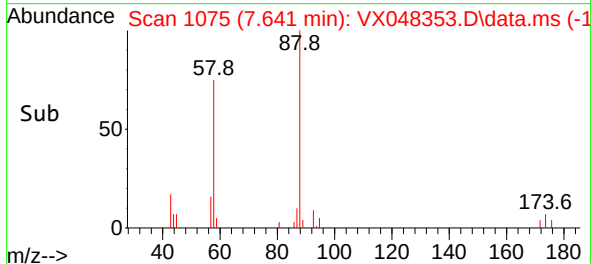
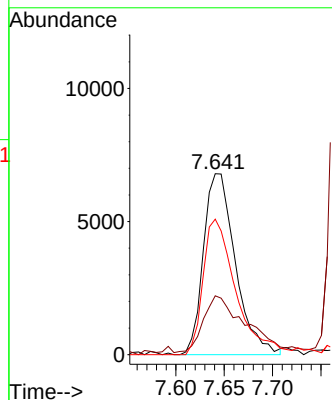
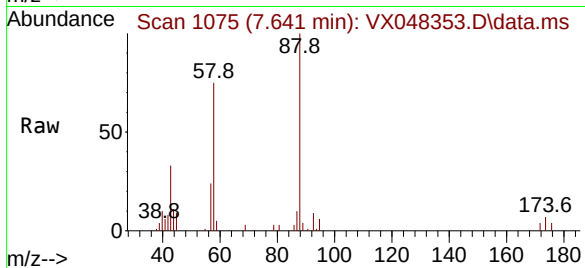
Tgt Ion: 88 Resp: 15616

Ion Ratio Lower Upper

88 100

43 40.1 35.0 52.4

58 76.7 61.9 92.9



#50

Toluene-d8

Concen: 46.661 ug/l

RT: 8.634 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX048353.D

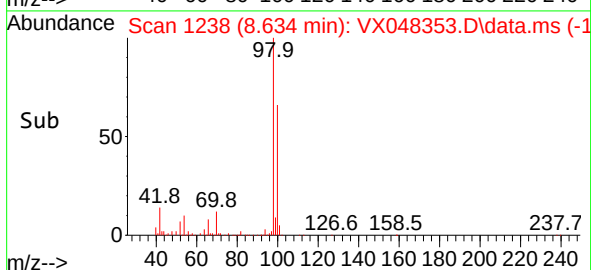
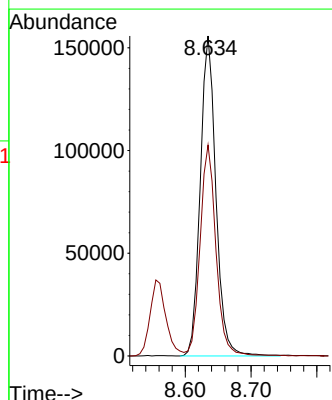
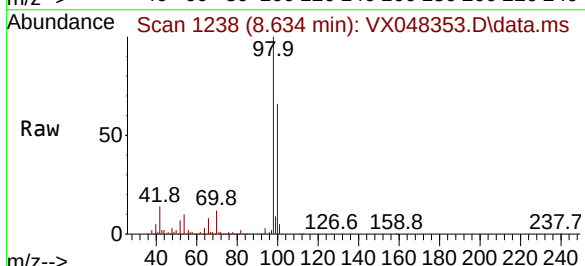
Acq: 24 Oct 2025 15:49

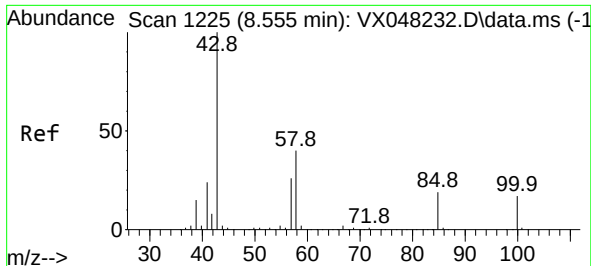
Tgt Ion: 98 Resp: 257823

Ion Ratio Lower Upper

98 100

100 66.7 53.0 79.4

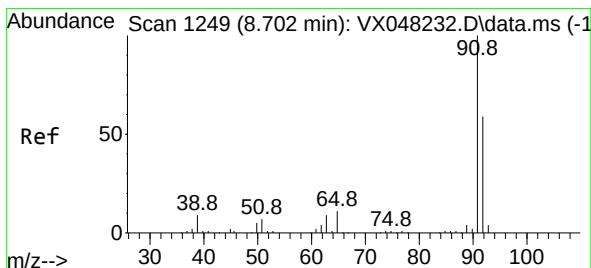
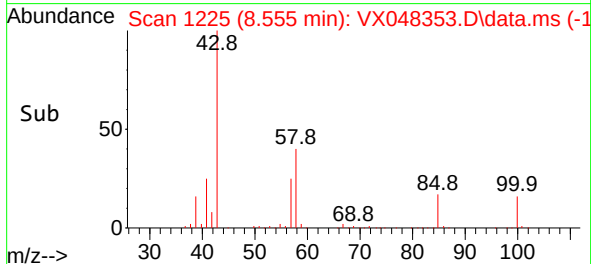
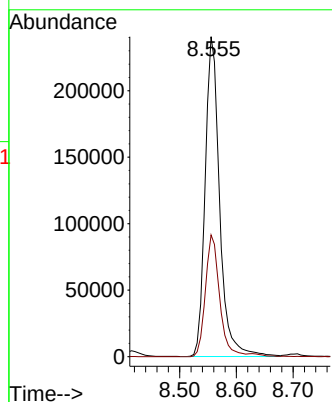
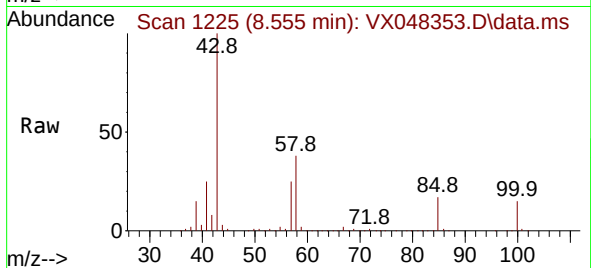




#51
4-Methyl-2-Pentanone
Concen: 242.909 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

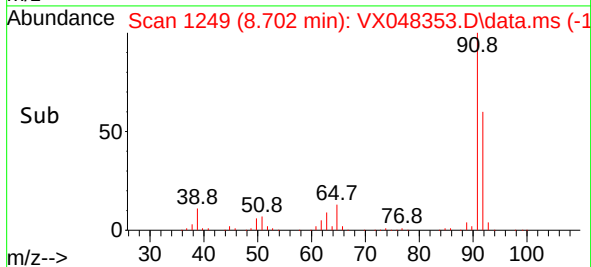
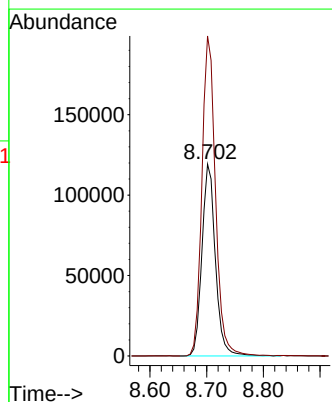
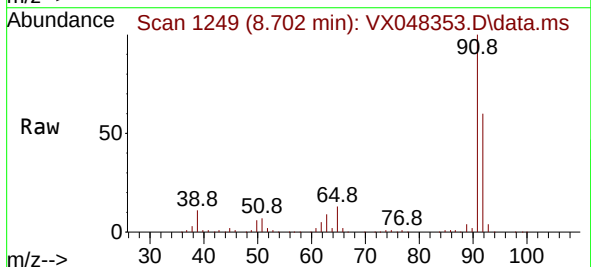
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

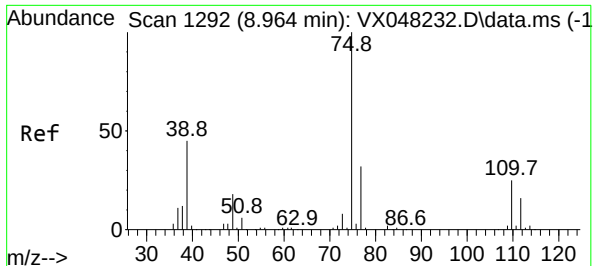
Tgt Ion: 43 Resp: 427244
Ion Ratio Lower Upper
43 100
58 38.2 29.5 44.3



#52
Toluene
Concen: 47.417 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 92 Resp: 195954
Ion Ratio Lower Upper
92 100
91 168.4 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 44.482 ug/l

RT: 8.964 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

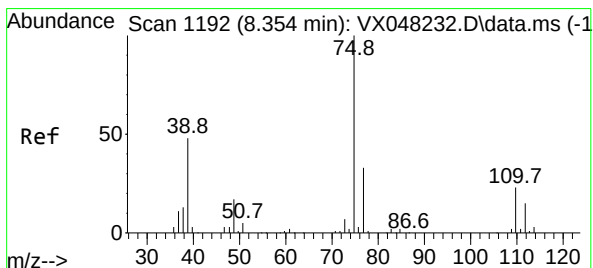
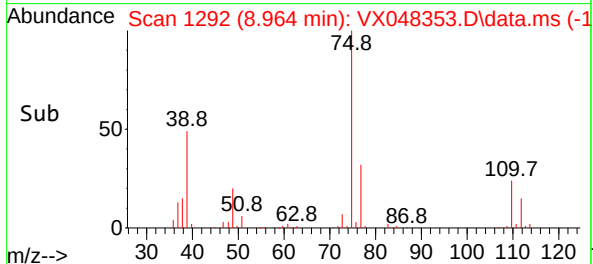
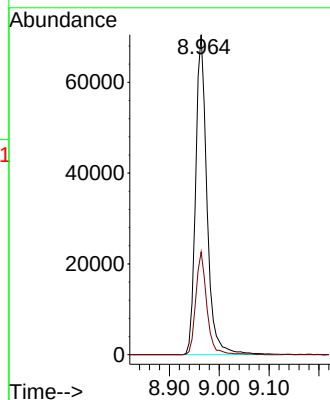
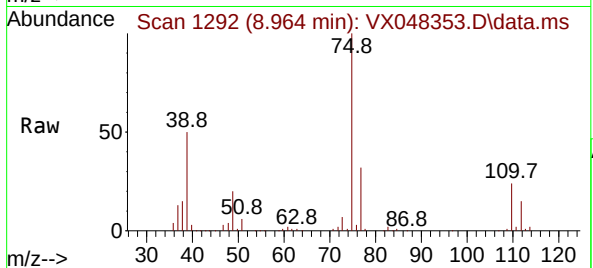
VSTDCCC050EC

Tgt Ion: 75 Resp: 111521

Ion Ratio Lower Upper

75 100

77 32.1 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 42.583 ug/l

RT: 8.354 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

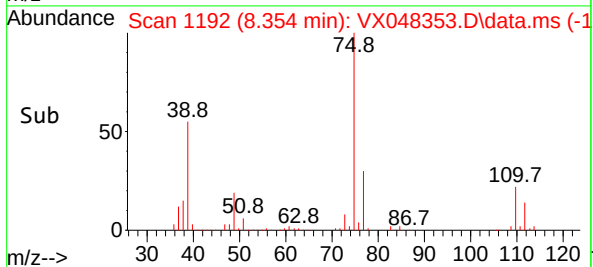
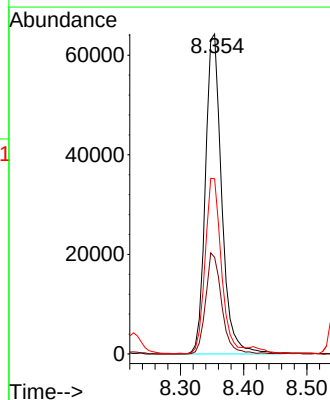
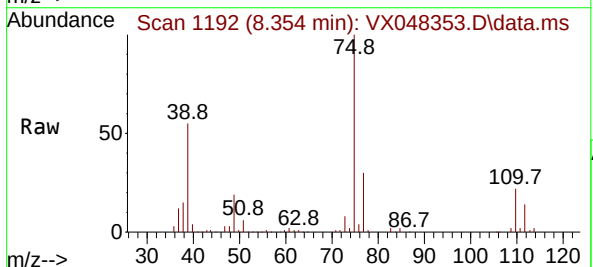
Tgt Ion: 75 Resp: 115185

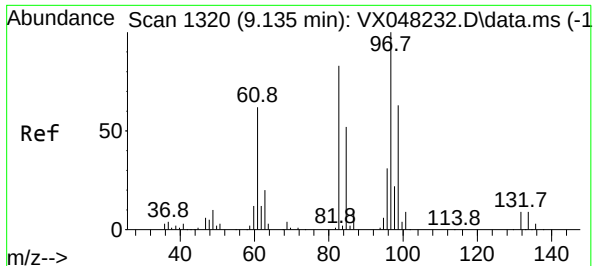
Ion Ratio Lower Upper

75 100

77 30.2 24.9 37.3

39 54.5 42.6 64.0

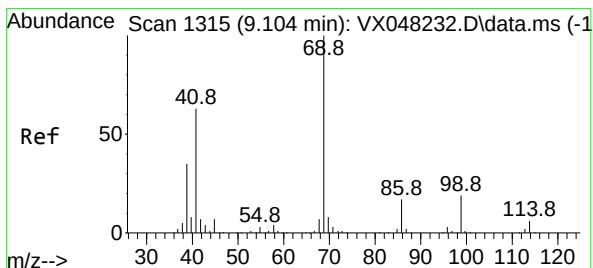
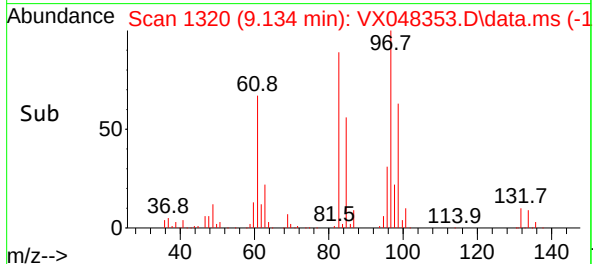
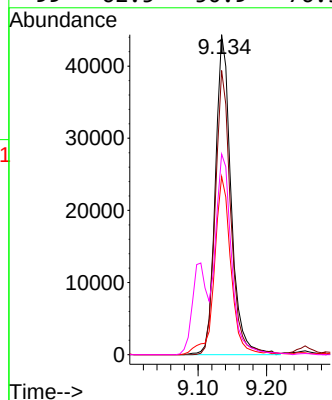
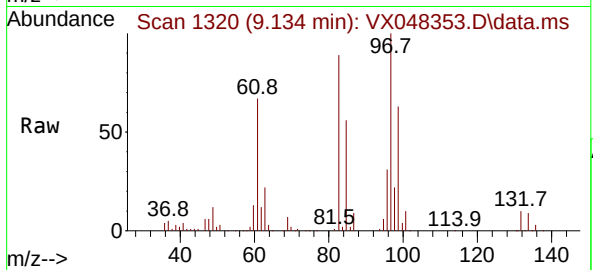




#55
 1,1,2-Trichloroethane
 Concen: 46.020 ug/l
 RT: 9.134 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048353.D
 Acq: 24 Oct 2025 15:49

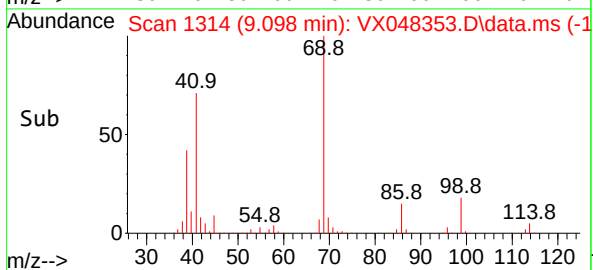
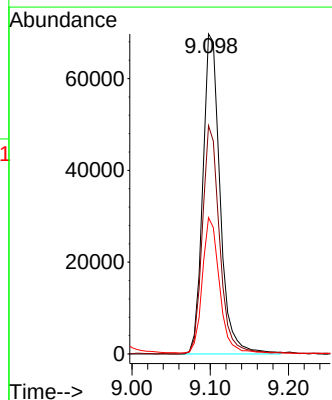
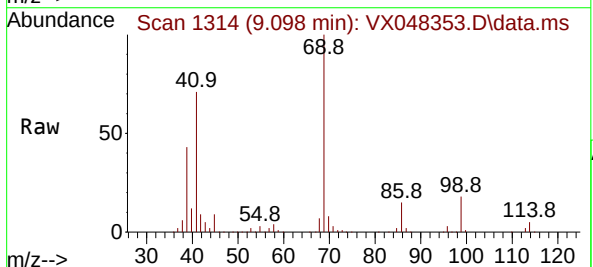
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

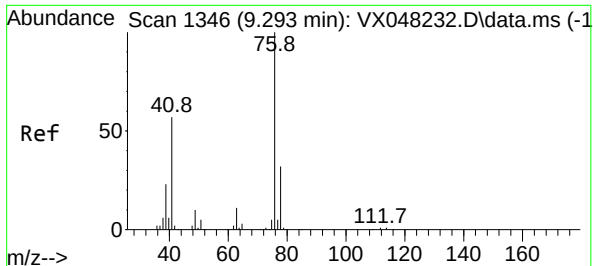
Tgt Ion:	97	Resp:	70725
Ion	Ratio	Lower	Upper
97	100		
83	88.8	70.6	105.8
85	55.7	45.0	67.6
99	62.5	50.9	76.3



#56
 Ethyl methacrylate
 Concen: 47.538 ug/l
 RT: 9.098 min Scan# 1314
 Delta R.T. -0.000 min
 Lab File: VX048353.D
 Acq: 24 Oct 2025 15:49

Tgt Ion:	69	Resp:	106860
Ion	Ratio	Lower	Upper
69	100		
41	71.8	56.0	84.0
39	42.8	31.6	47.4





#57

1,3-Dichloropropane

Concen: 47.465 ug/l

RT: 9.293 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

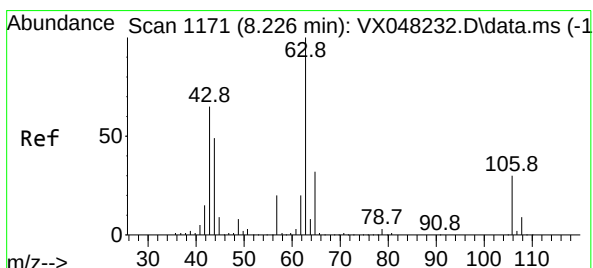
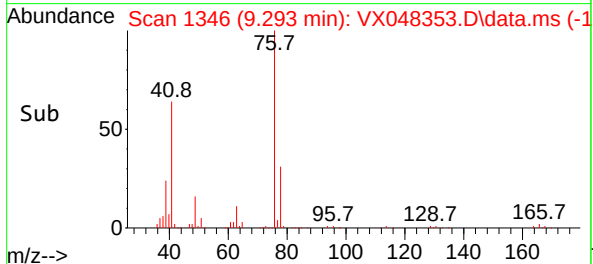
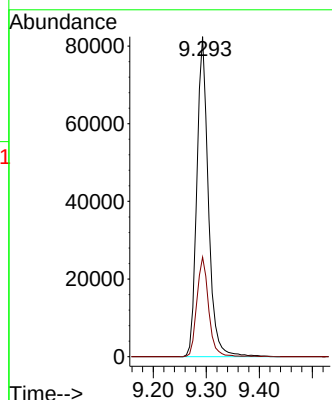
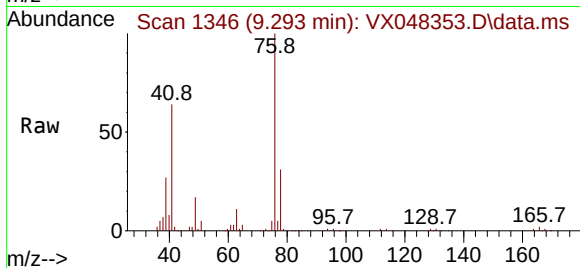
VSTDCCC050EC

Tgt Ion: 76 Resp: 124600

Ion Ratio Lower Upper

76 100

78 31.8 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 248.040 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX048353.D

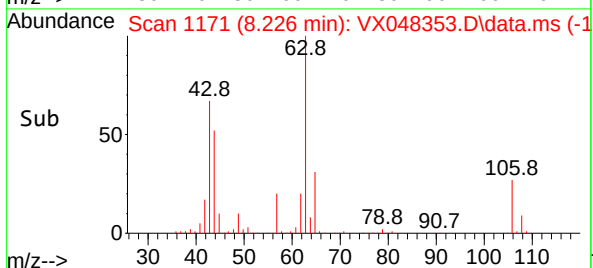
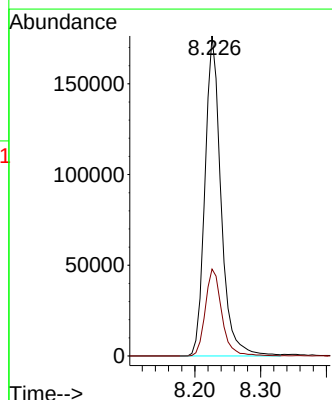
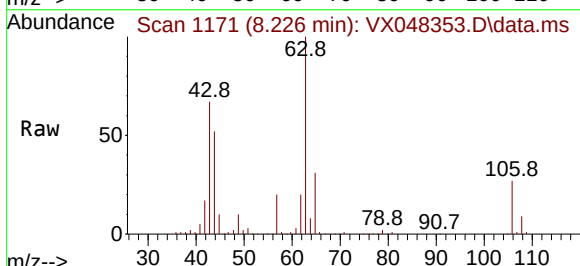
Acq: 24 Oct 2025 15:49

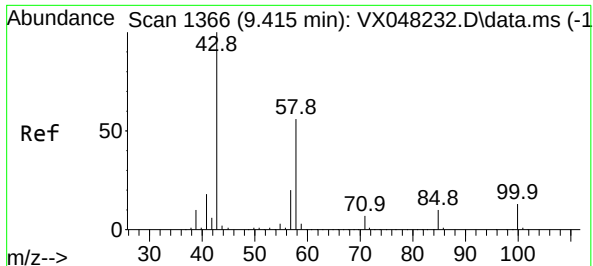
Tgt Ion: 63 Resp: 299785

Ion Ratio Lower Upper

63 100

106 27.9 22.2 33.2





#59

2-Hexanone

Concen: 236.310 ug/l

RT: 9.415 min Scan# 1366

Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

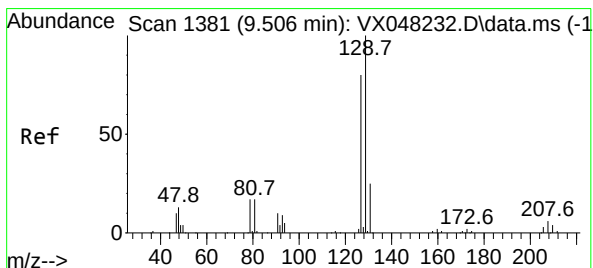
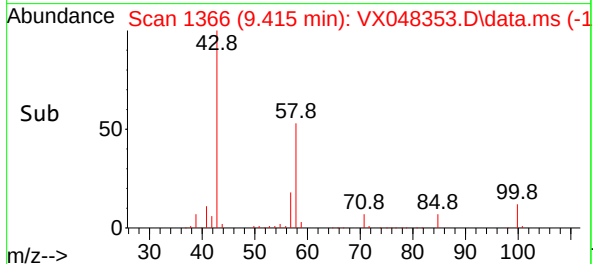
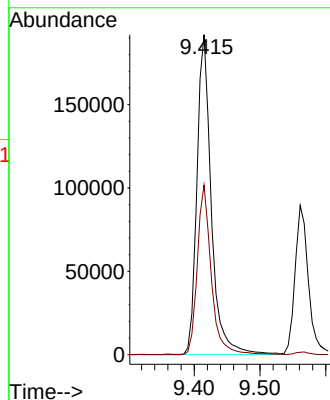
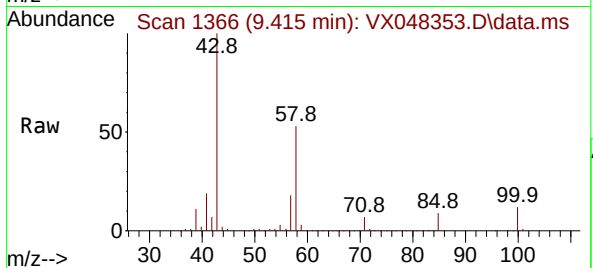
VSTDCCC050EC

Tgt Ion: 43 Resp: 289819

Ion Ratio Lower Upper

43 100

58 51.9 26.3 78.8



#60

Dibromochloromethane

Concen: 42.719 ug/l

RT: 9.506 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VX048353.D

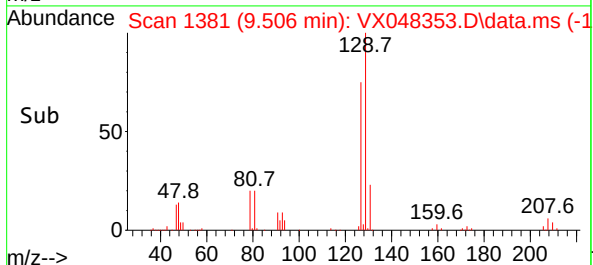
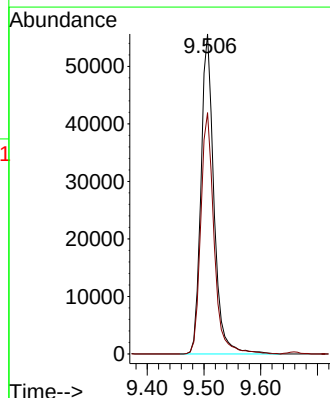
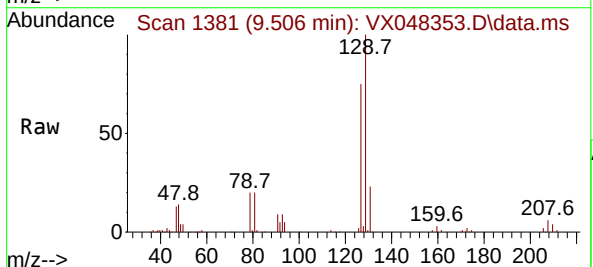
Acq: 24 Oct 2025 15:49

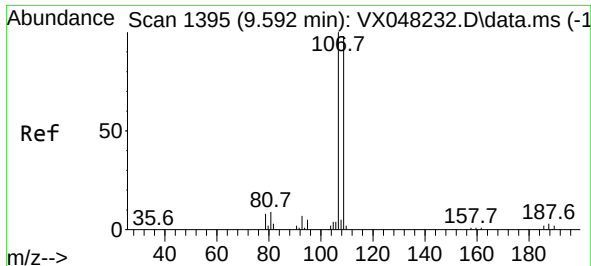
Tgt Ion: 129 Resp: 88240

Ion Ratio Lower Upper

129 100

127 77.5 38.6 115.7

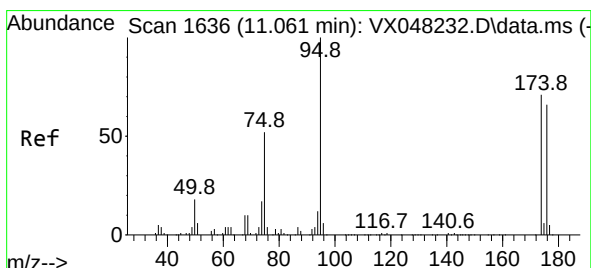
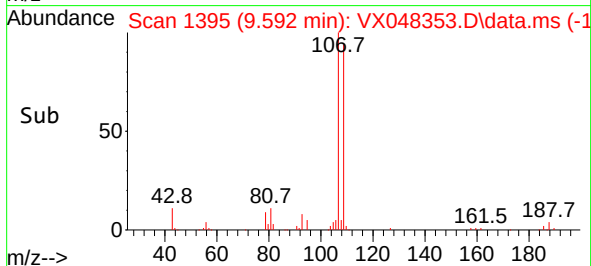
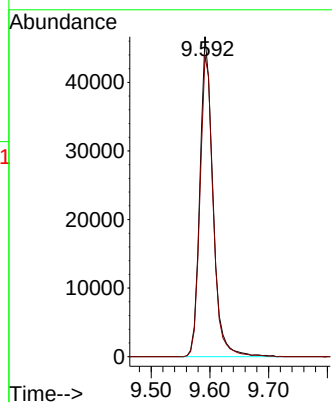
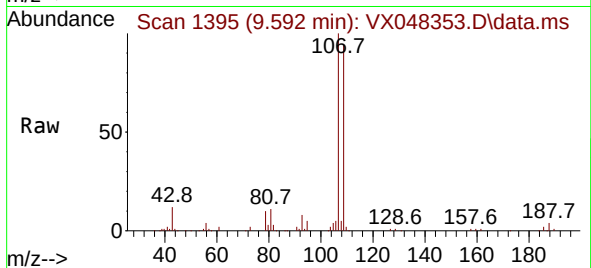




#61
1,2-Dibromoethane
Concen: 44.069 ug/l
RT: 9.592 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

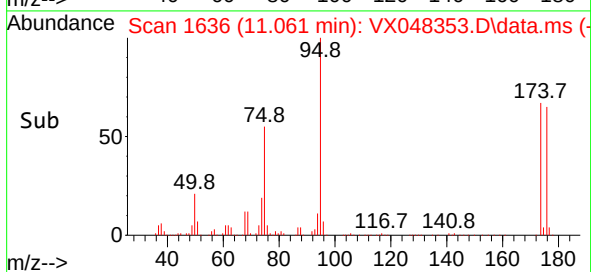
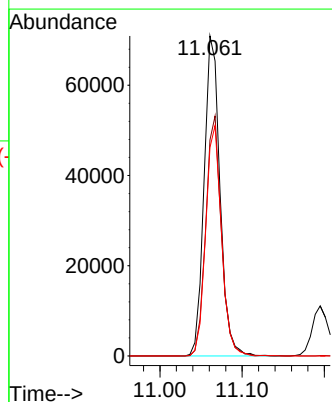
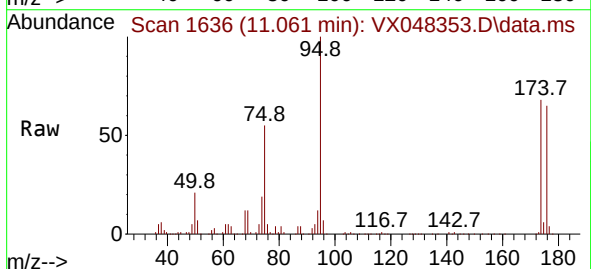
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

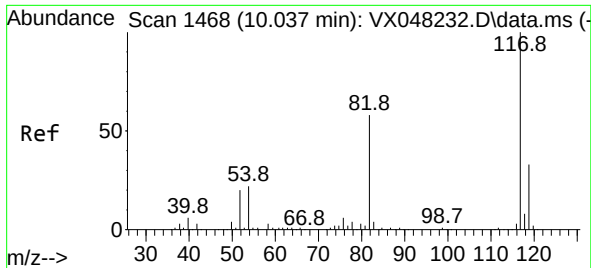
Tgt Ion:107 Resp: 72202
Ion Ratio Lower Upper
107 100
109 95.1 77.0 115.4



#62
4-Bromofluorobenzene
Concen: 45.251 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 95 Resp: 95120
Ion Ratio Lower Upper
95 100
174 73.6 0.0 147.8
176 71.7 0.0 142.8

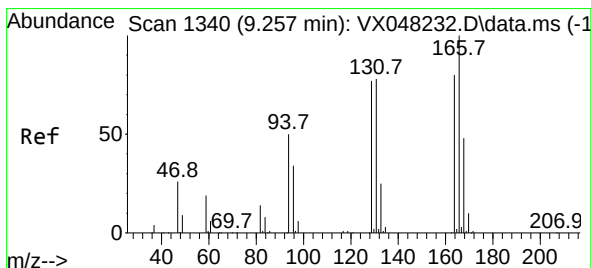
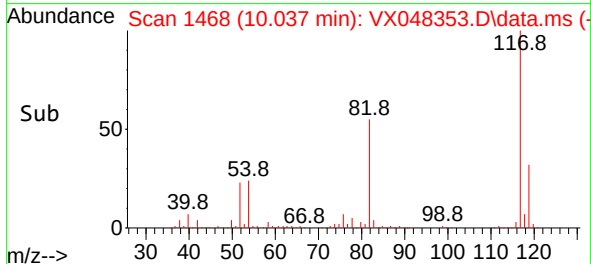
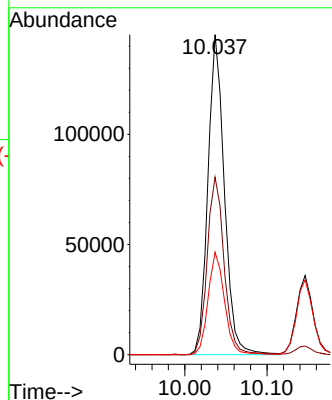
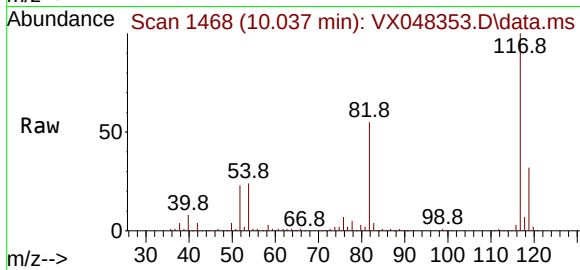




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

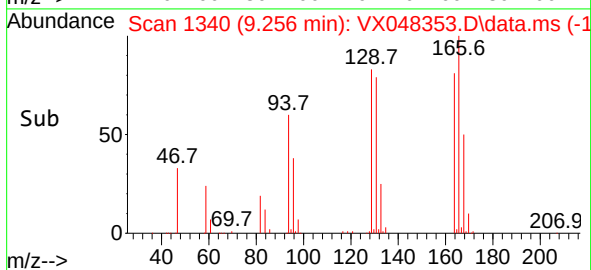
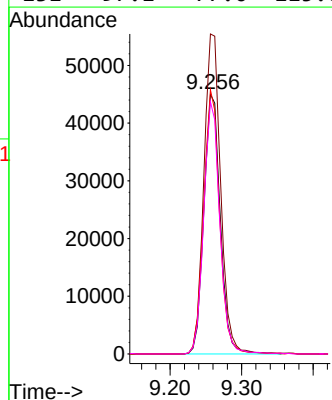
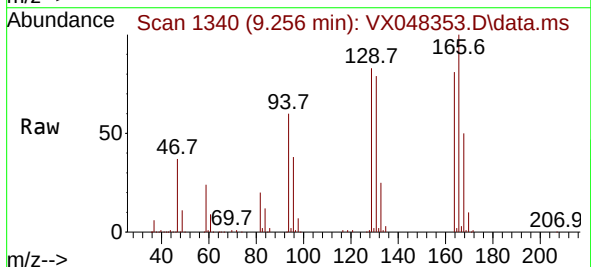
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

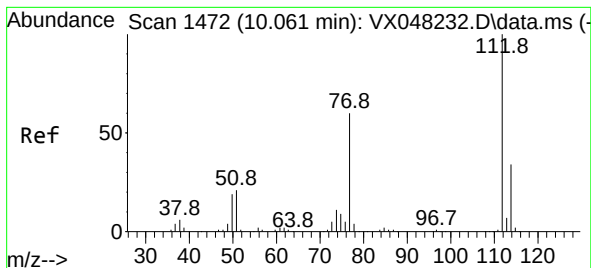
Tgt Ion:117 Resp: 201897
Ion Ratio Lower Upper
117 100
82 55.3 46.5 69.7
119 32.0 25.9 38.9



#64
Tetrachloroethene
Concen: 47.502 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:164 Resp: 71595
Ion Ratio Lower Upper
164 100
166 123.2 104.5 156.7
129 101.7 81.8 122.6
131 97.1 77.0 115.6

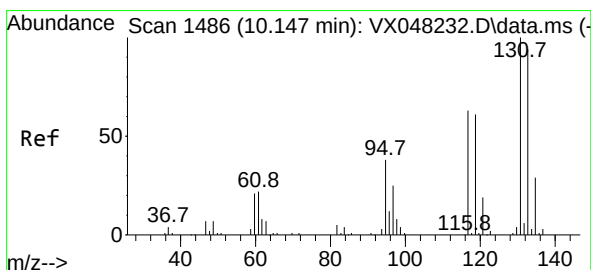
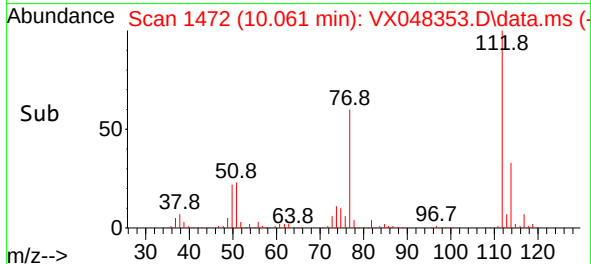
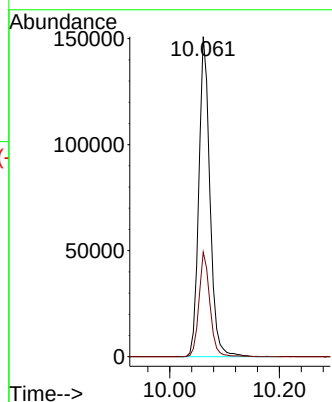
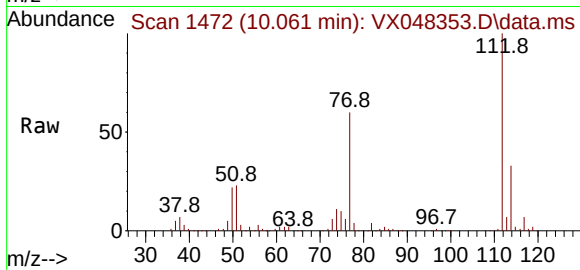




#65
Chlorobenzene
Concen: 46.854 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

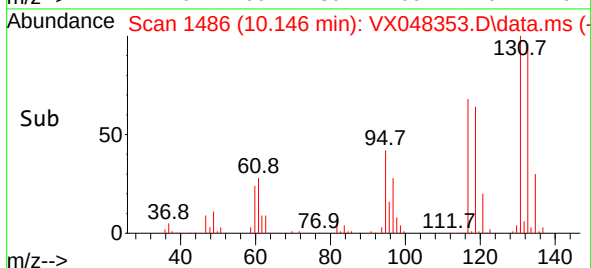
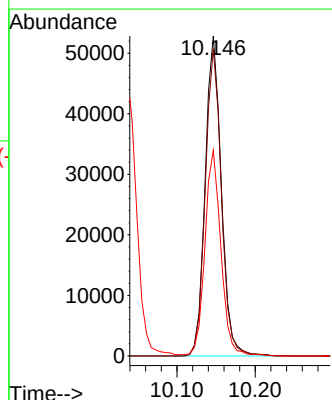
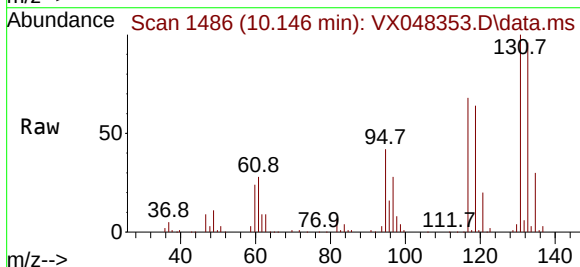
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

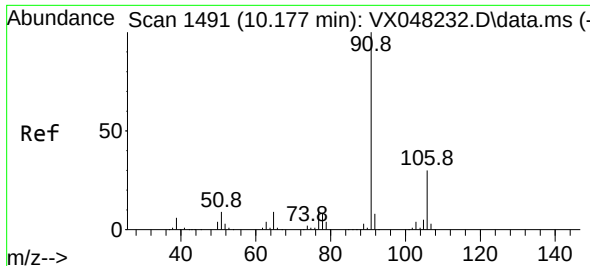
Tgt Ion:112 Resp: 212798
Ion Ratio Lower Upper
112 100
114 32.7 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 45.425 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:131 Resp: 75776
Ion Ratio Lower Upper
131 100
133 95.6 47.6 142.8
119 63.8 32.5 97.5





#67

Ethyl Benzene

Concen: 48.997 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

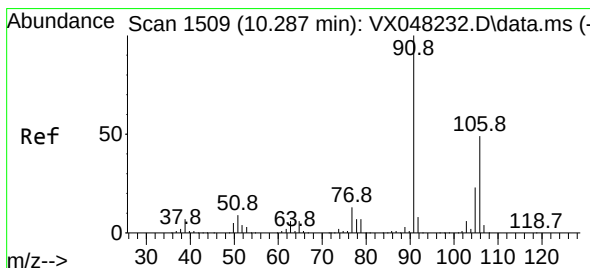
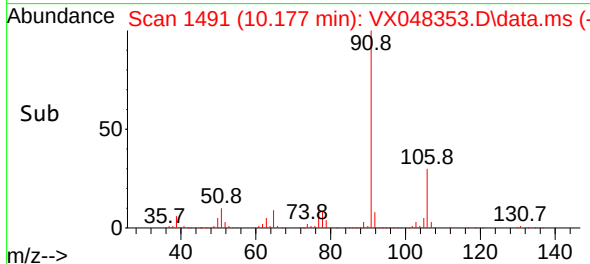
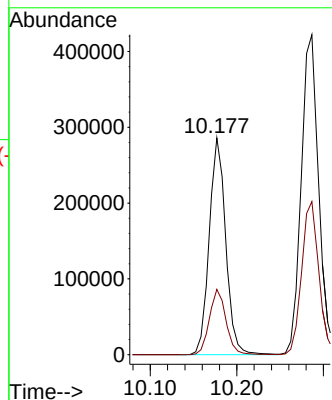
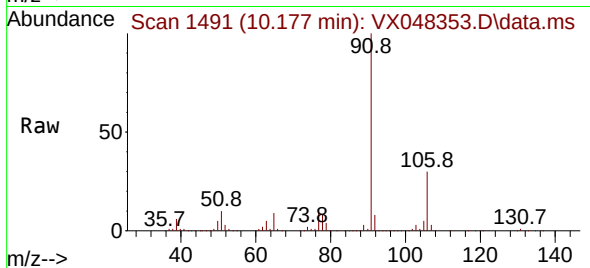
VSTDCCC050EC

Tgt Ion: 91 Resp: 378873

Ion Ratio Lower Upper

91 100

106 30.1 23.8 35.6



#68

m/p-Xylenes

Concen: 98.351 ug/l

RT: 10.287 min Scan# 1509

Delta R.T. -0.000 min

Lab File: VX048353.D

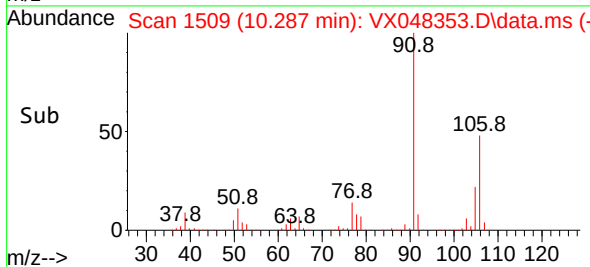
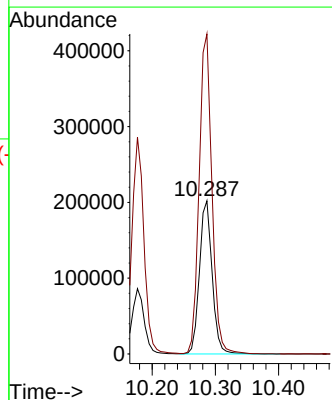
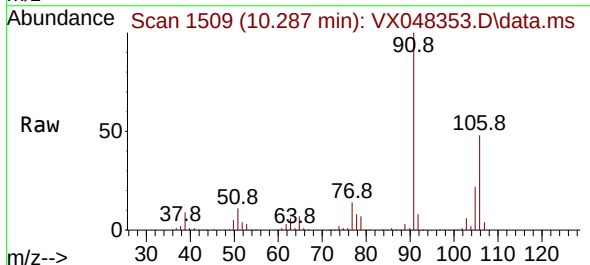
Acq: 24 Oct 2025 15:49

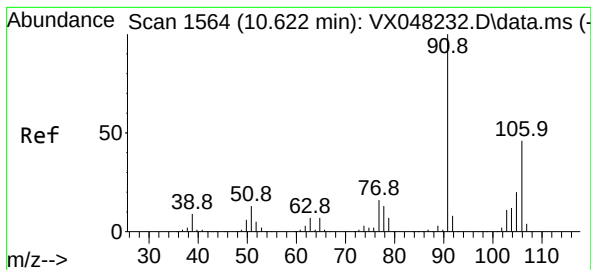
Tgt Ion: 106 Resp: 282564

Ion Ratio Lower Upper

106 100

91 210.6 167.9 251.9

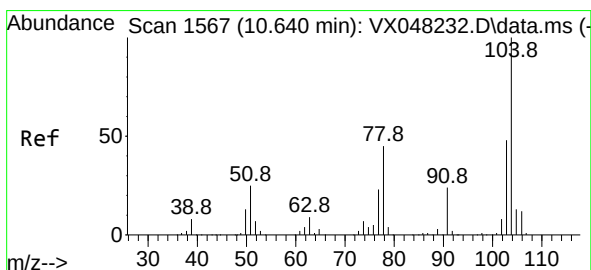
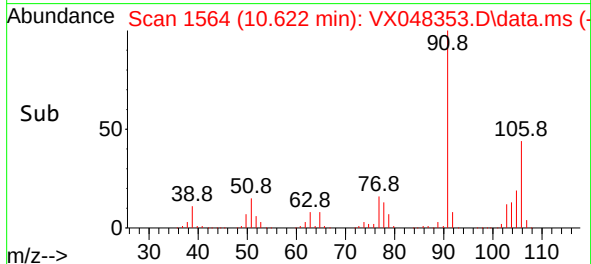
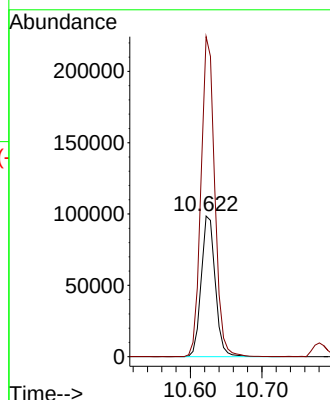
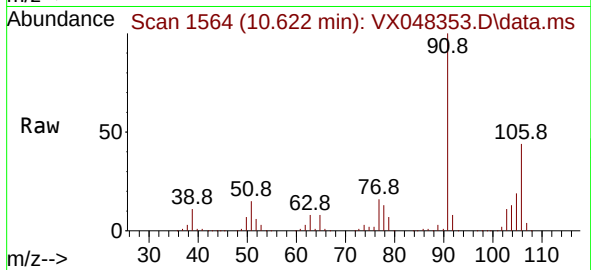




#69
o-Xylene
Concen: 48.426 ug/l
RT: 10.622 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

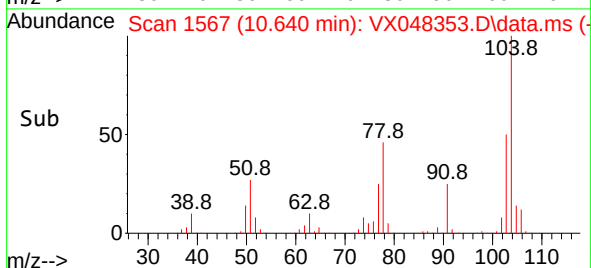
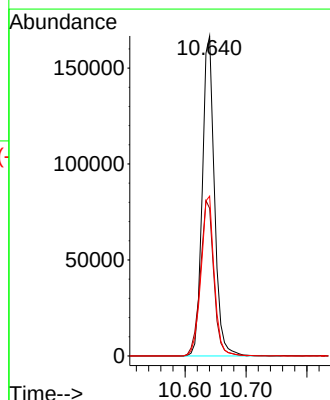
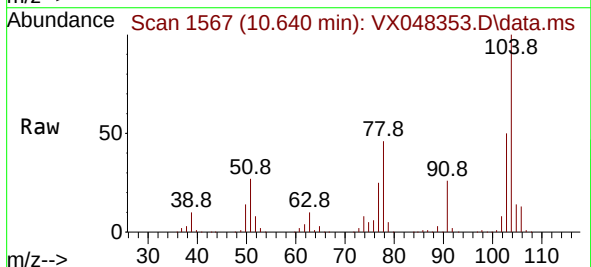
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

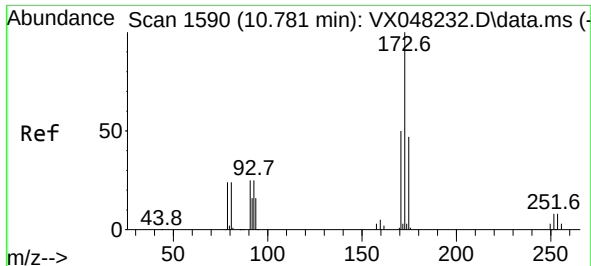
Tgt Ion:106 Resp: 134320
Ion Ratio Lower Upper
106 100
91 223.0 111.3 333.9



#70
Styrene
Concen: 49.017 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:104 Resp: 231504
Ion Ratio Lower Upper
104 100
78 53.8 42.2 63.4
103 54.1 43.0 64.4

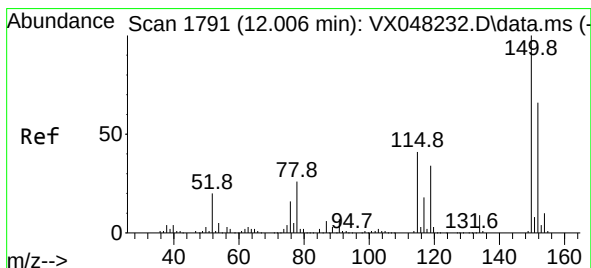
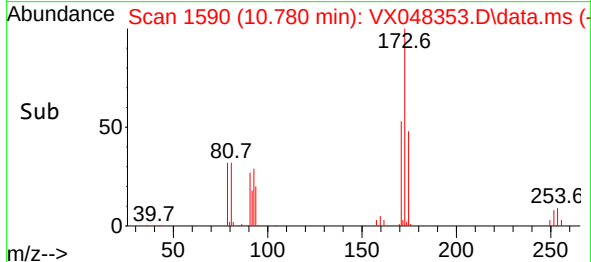
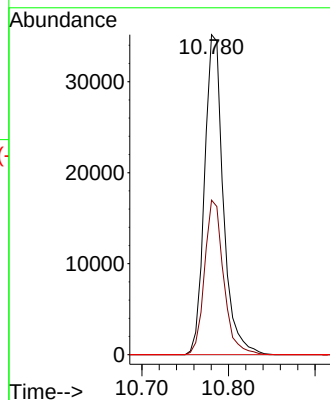
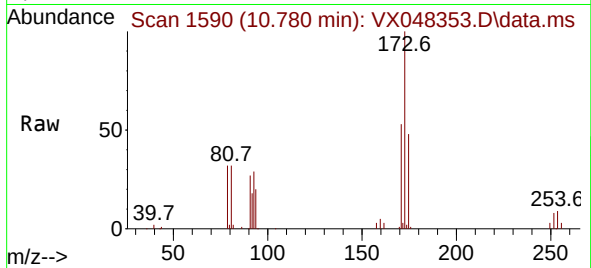




#71
Bromoform
Concen: 39.641 ug/l
RT: 10.780 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

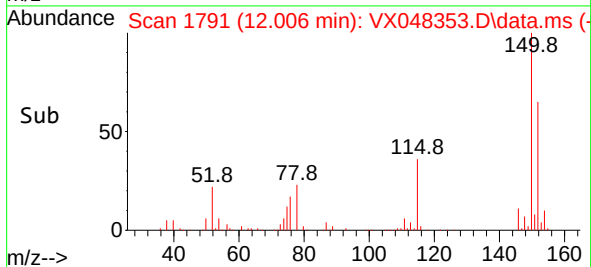
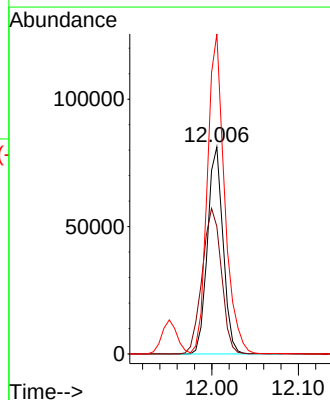
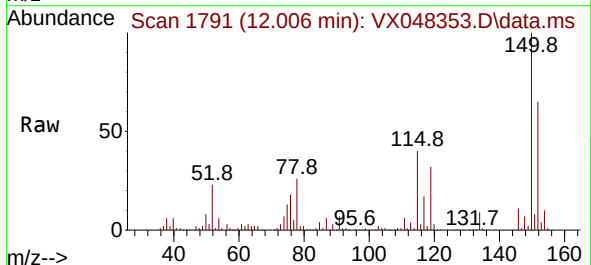
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

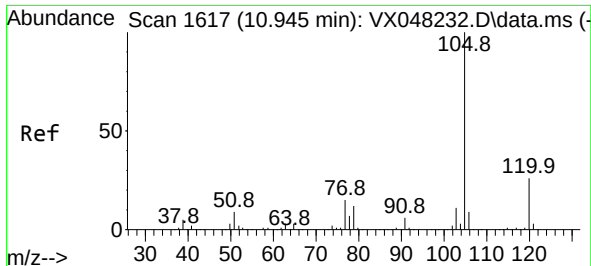
Tgt Ion:173 Resp: 52852
Ion Ratio Lower Upper
173 100
175 49.1 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:152 Resp: 101580
Ion Ratio Lower Upper
152 100
115 86.7 43.1 129.4
150 170.0 0.0 353.0

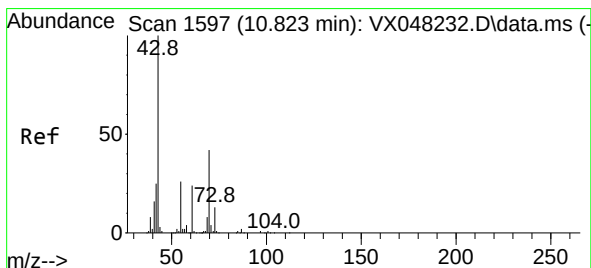
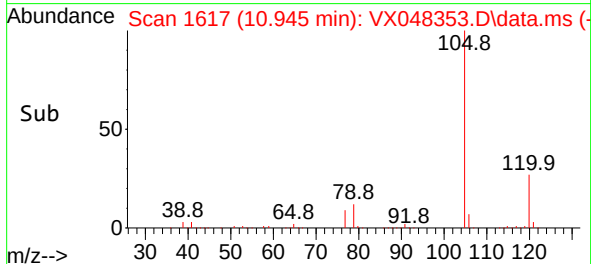
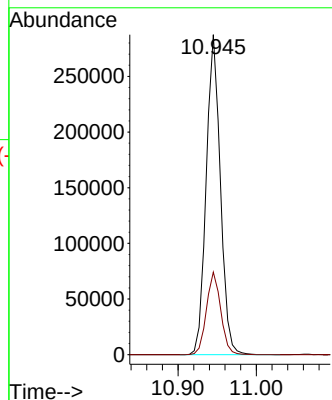
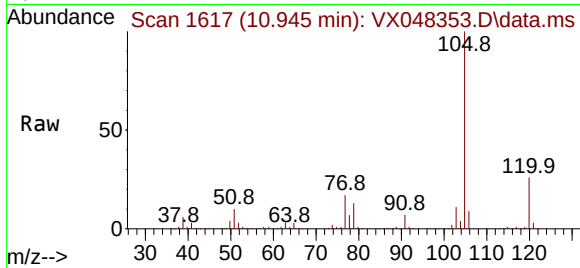




#73
Isopropylbenzene
Concen: 48.486 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

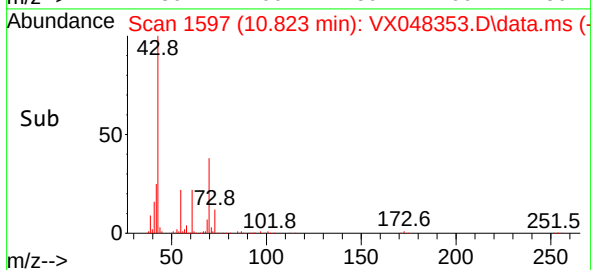
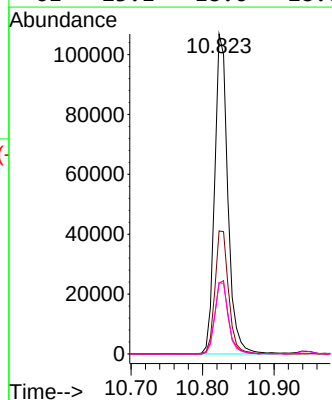
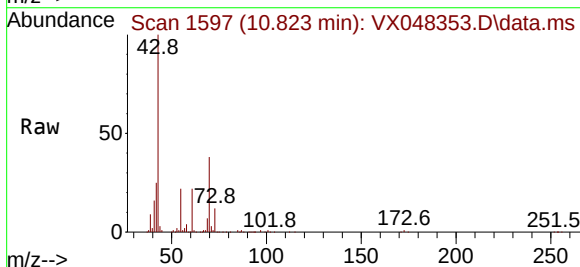
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

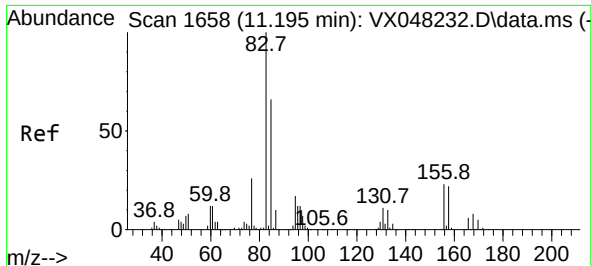
Tgt Ion:105 Resp: 359740
Ion Ratio Lower Upper
105 100
120 26.0 13.0 38.9



#74
N-ethyl acetate
Concen: 51.949 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 43 Resp: 136716
Ion Ratio Lower Upper
43 100
70 39.9 32.2 48.2
55 23.5 19.1 28.7
61 23.1 18.6 28.0

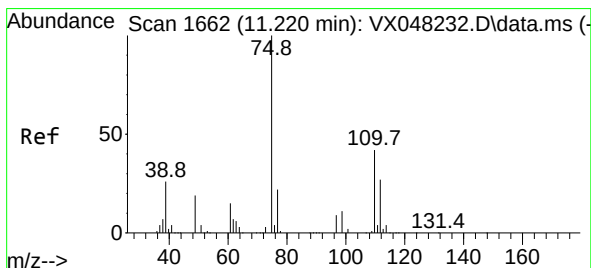
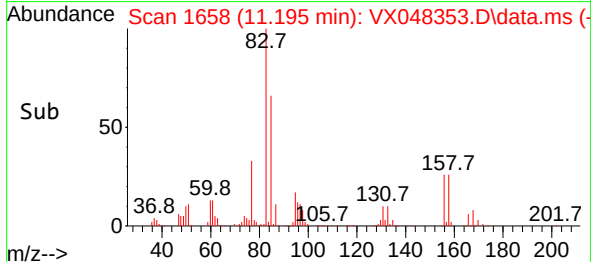
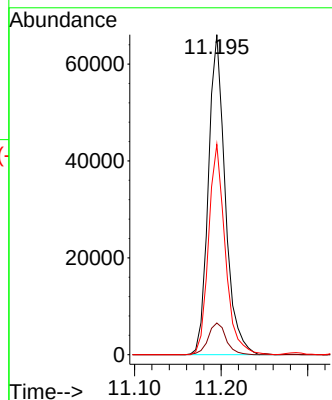
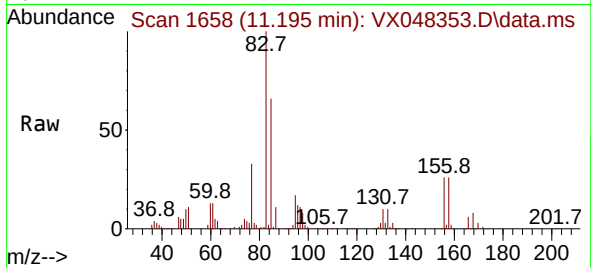




#75
 1,1,2,2-Tetrachloroethane
 Concen: 44.044 ug/l
 RT: 11.195 min Scan# 1658
 Delta R.T. -0.000 min
 Lab File: VX048353.D
 Acq: 24 Oct 2025 15:49

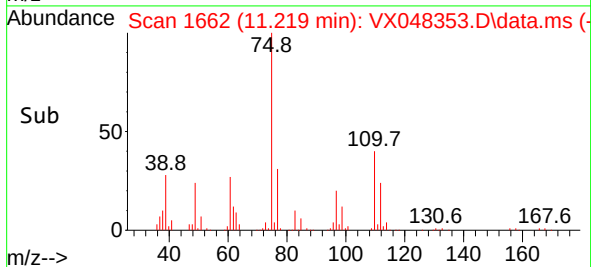
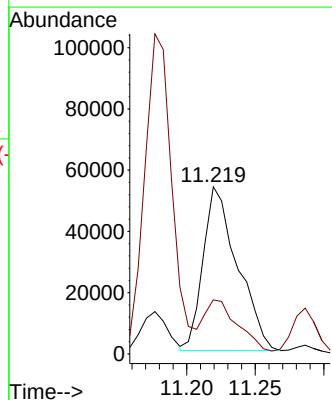
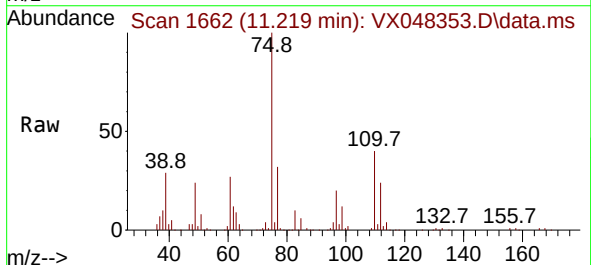
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

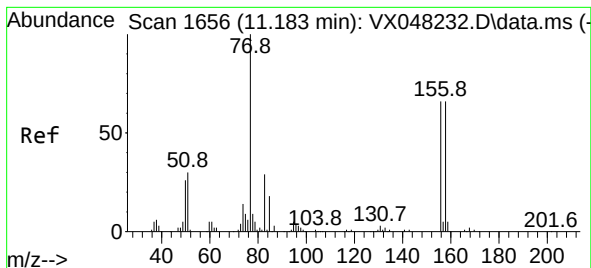
Tgt Ion: 83 Resp: 89239
 Ion Ratio Lower Upper
 83 100
 131 10.5 4.8 14.4
 85 65.1 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 56.903 ug/l
 RT: 11.219 min Scan# 1662
 Delta R.T. -0.000 min
 Lab File: VX048353.D
 Acq: 24 Oct 2025 15:49

Tgt Ion: 75 Resp: 93736
 Ion Ratio Lower Upper
 75 100
 77 32.3 22.4 67.2





#77

Bromobenzene

Concen: 45.528 ug/l

RT: 11.183 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

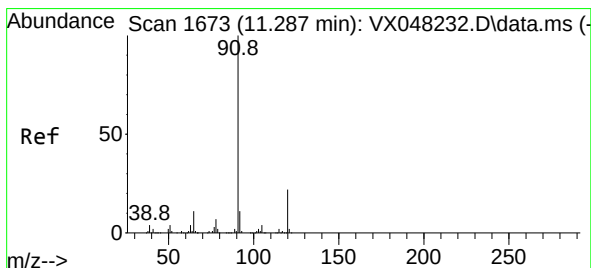
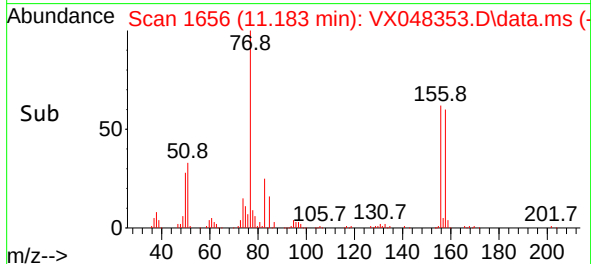
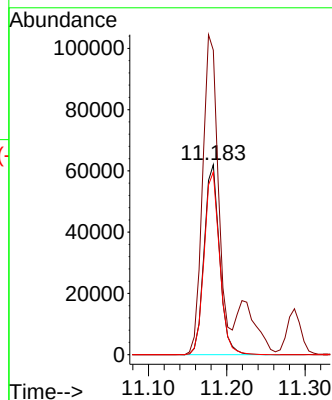
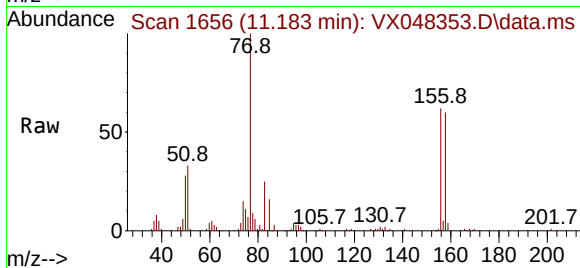
Tgt Ion:156 Resp: 84698

Ion Ratio Lower Upper

156 100

77 173.4 87.0 261.0

158 97.0 47.8 143.4



#78

n-propylbenzene

Concen: 50.437 ug/l

RT: 11.286 min Scan# 1673

Delta R.T. -0.000 min

Lab File: VX048353.D

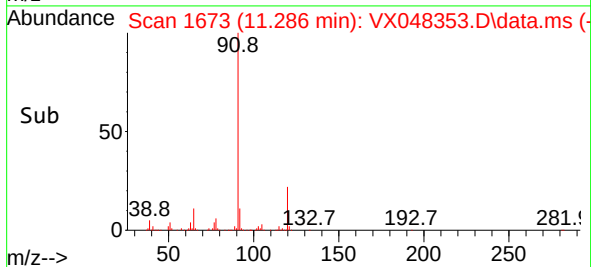
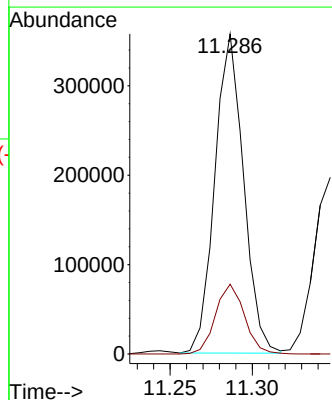
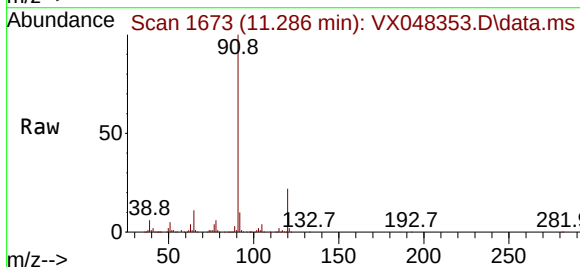
Acq: 24 Oct 2025 15:49

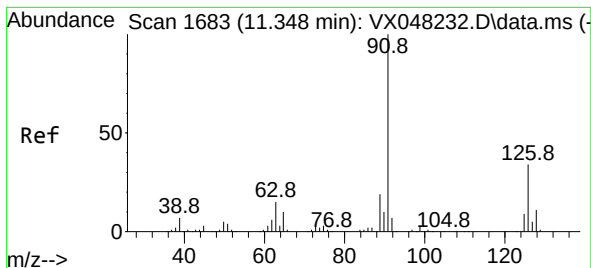
Tgt Ion: 91 Resp: 433271

Ion Ratio Lower Upper

91 100

120 22.0 11.1 33.1





#79

2-Chlorotoluene

Concen: 48.357 ug/l

RT: 11.347 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

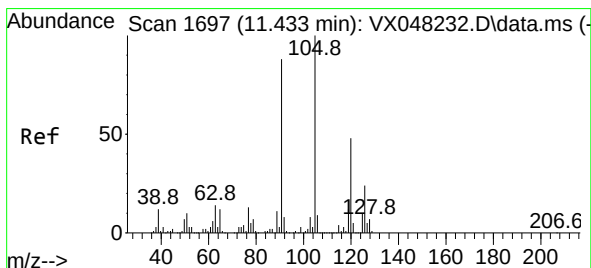
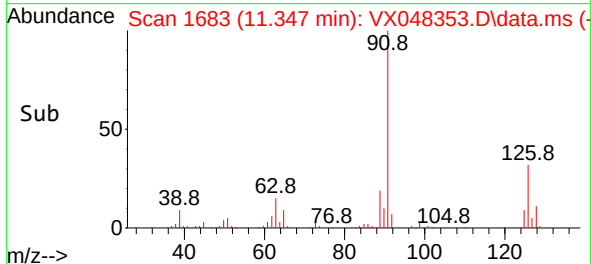
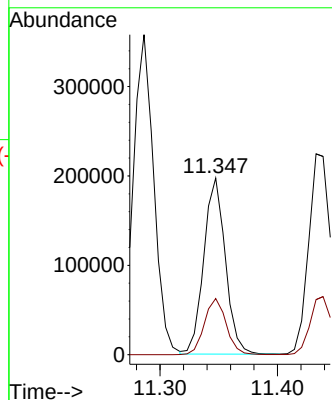
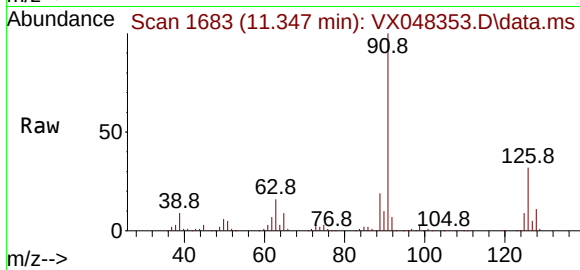
VSTDCCC050EC

Tgt Ion: 91 Resp: 251854

Ion Ratio Lower Upper

91 100

126 32.3 16.4 49.4



#80

1,3,5-Trimethylbenzene

Concen: 48.442 ug/l

RT: 11.433 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VX048353.D

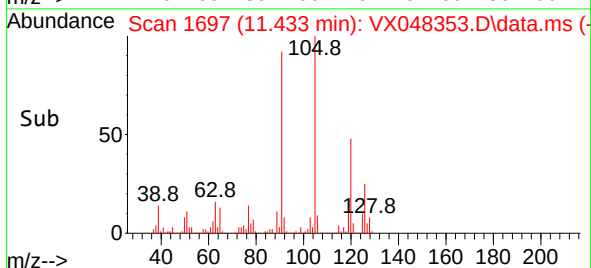
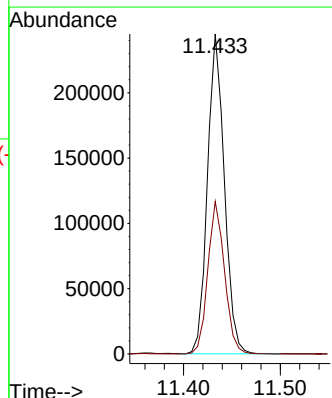
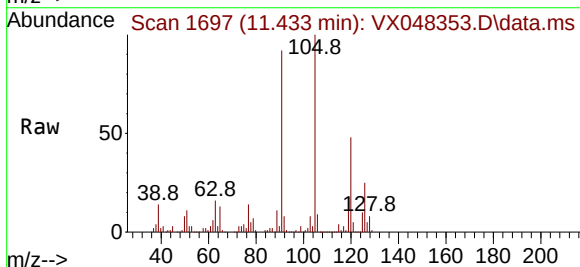
Acq: 24 Oct 2025 15:49

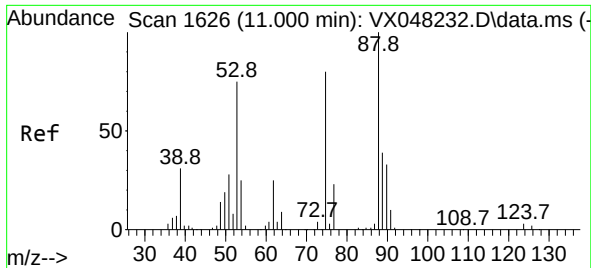
Tgt Ion: 105 Resp: 297431

Ion Ratio Lower Upper

105 100

120 47.4 24.0 72.0

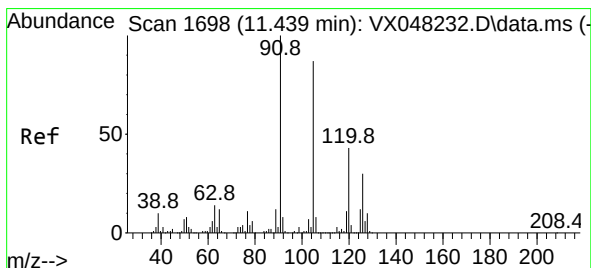
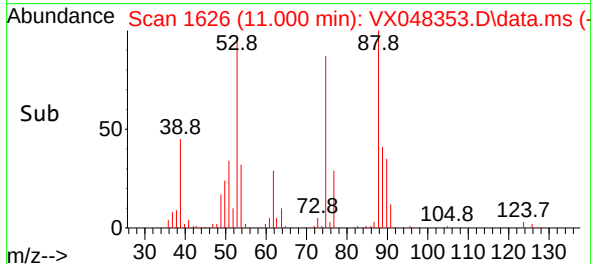
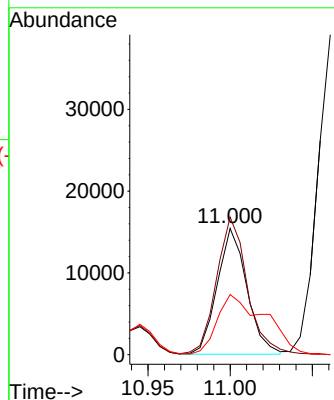
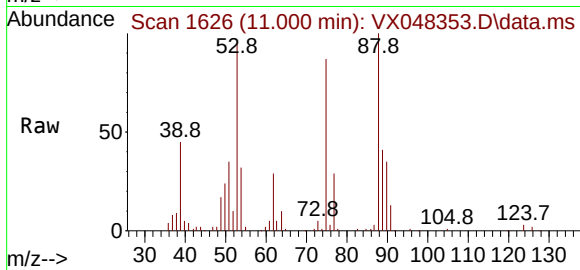




#81
trans-1,4-Dichloro-2-butene
Concen: 28.518 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

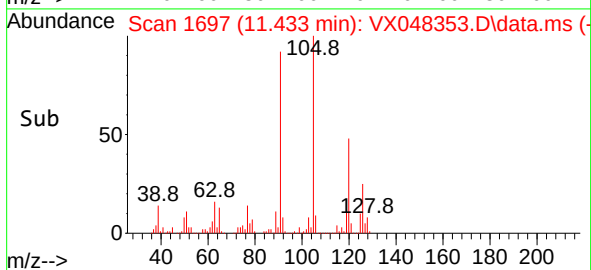
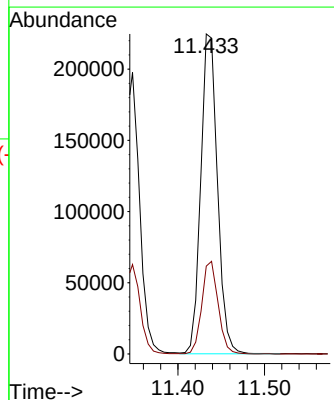
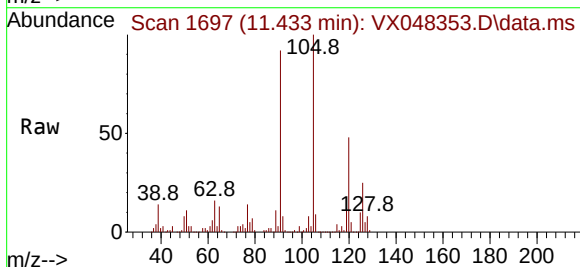
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

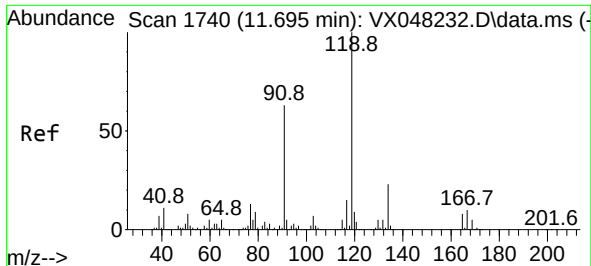
Tgt Ion: 75 Resp: 19309
Ion Ratio Lower Upper
75 100
53 114.4 79.5 119.3
89 77.5 36.8 55.2#



#82
4-Chlorotoluene
Concen: 48.674 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 91 Resp: 300933
Ion Ratio Lower Upper
91 100
126 28.3 14.1 42.4

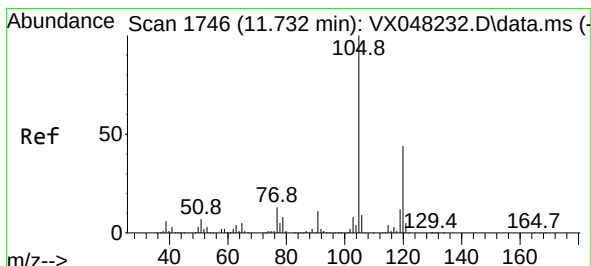
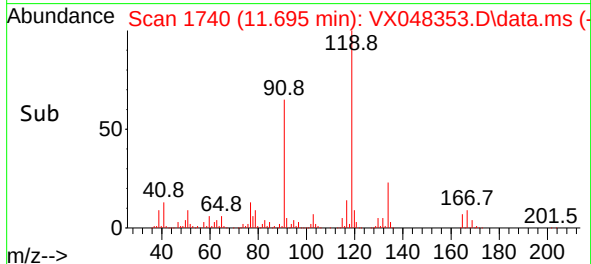
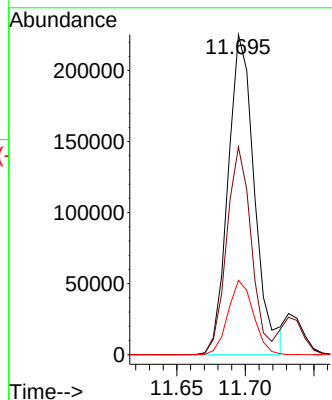
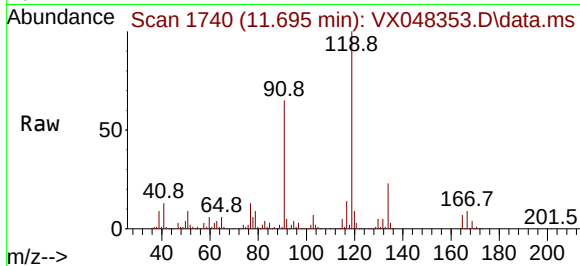




#83
tert-Butylbenzene
Concen: 48.055 ug/l
RT: 11.695 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

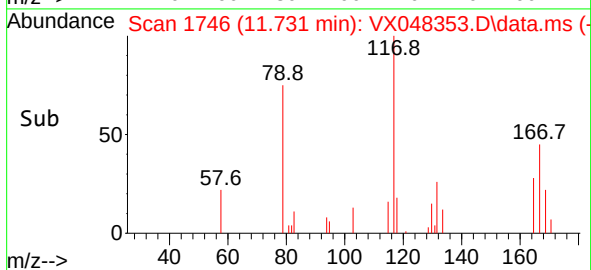
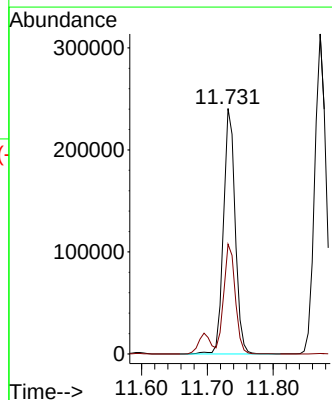
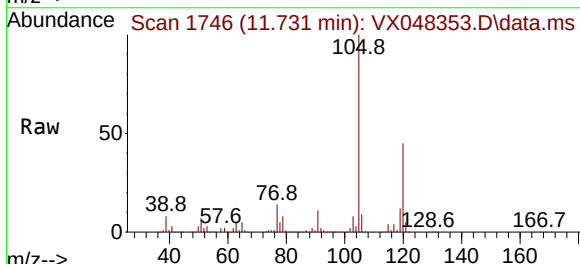
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

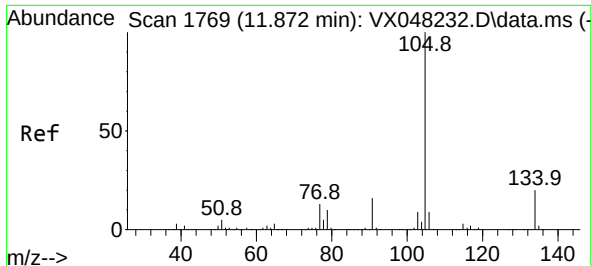
Tgt Ion:119 Resp: 303155
Ion Ratio Lower Upper
119 100
91 60.7 30.3 91.0
134 22.3 11.4 34.2



#84
1,2,4-Trimethylbenzene
Concen: 48.628 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:105 Resp: 297974
Ion Ratio Lower Upper
105 100
120 44.0 22.1 66.5

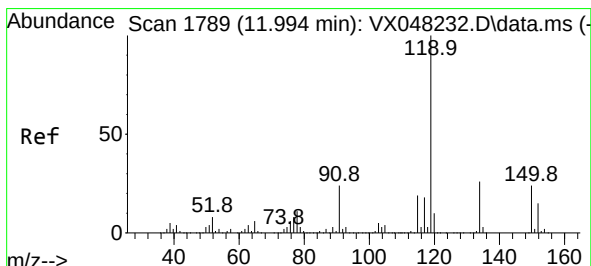
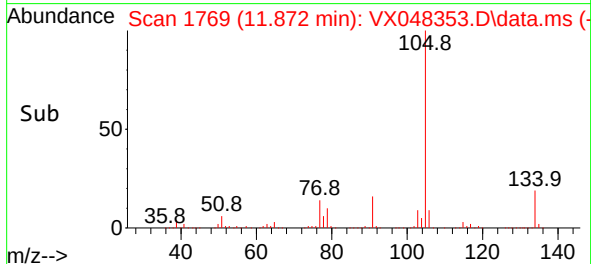
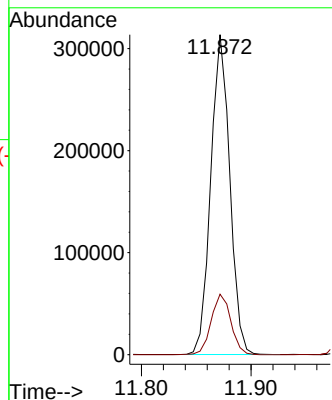
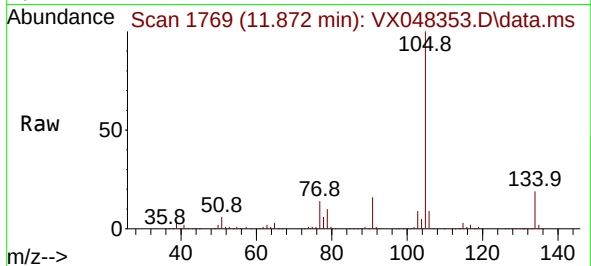




#85
 sec-Butylbenzene
 Concen: 49.795 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048353.D
 Acq: 24 Oct 2025 15:49

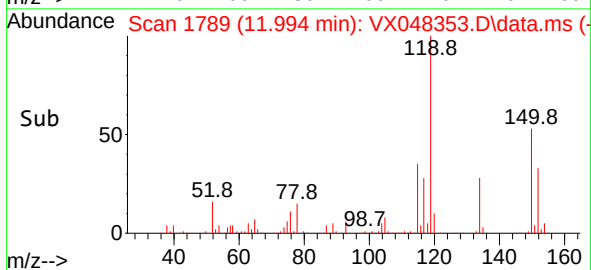
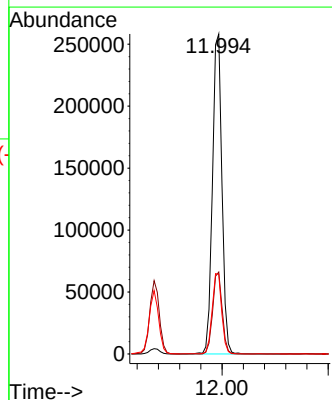
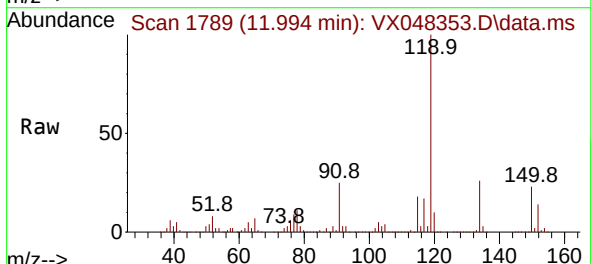
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

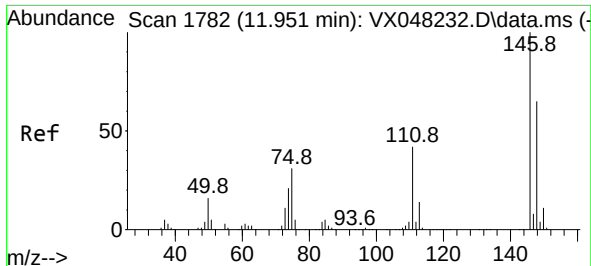
Tgt Ion:105 Resp: 377937
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 48.680 ug/l
 RT: 11.994 min Scan# 1789
 Delta R.T. 0.006 min
 Lab File: VX048353.D
 Acq: 24 Oct 2025 15:49

Tgt Ion:119 Resp: 319358
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.0 39.0
 91 25.5 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 44.932 ug/l

RT: 11.951 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

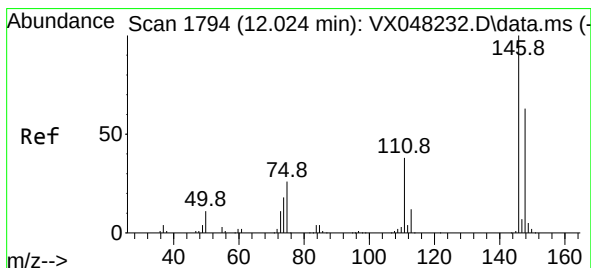
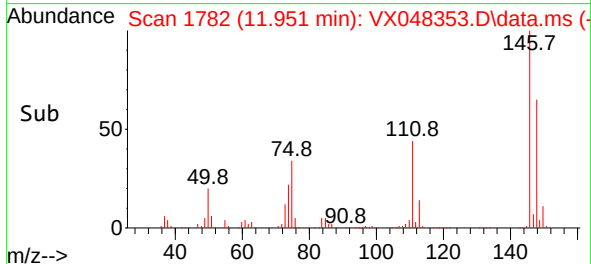
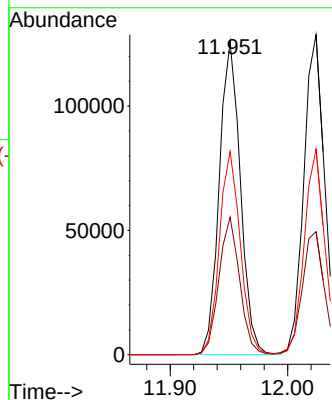
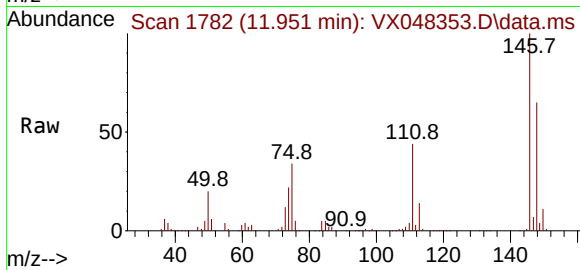
Tgt Ion:146 Resp: 157580

Ion Ratio Lower Upper

146 100

111 43.3 20.4 61.2

148 64.3 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 43.644 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

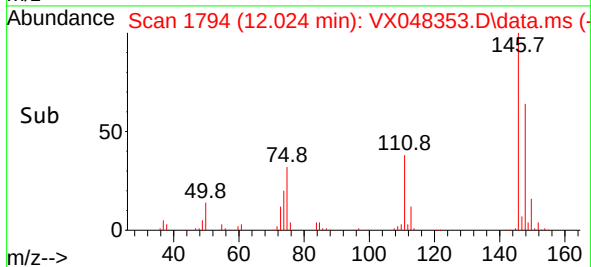
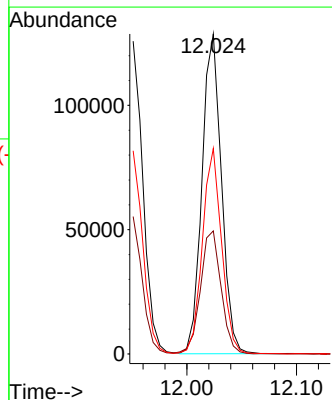
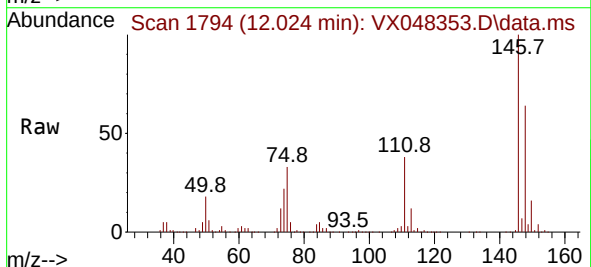
Tgt Ion:146 Resp: 158565

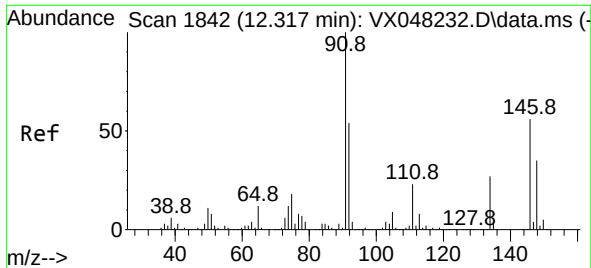
Ion Ratio Lower Upper

146 100

111 40.7 20.1 60.2

148 63.6 31.8 95.3

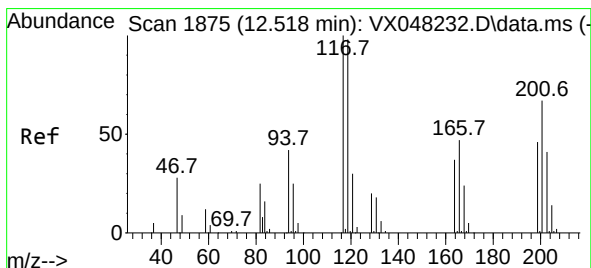
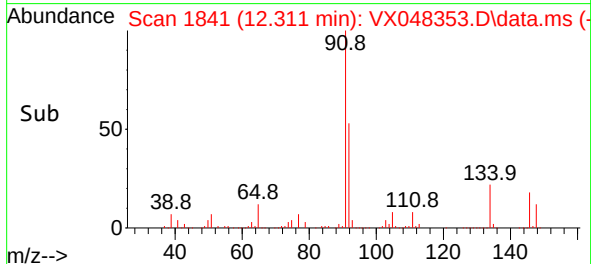
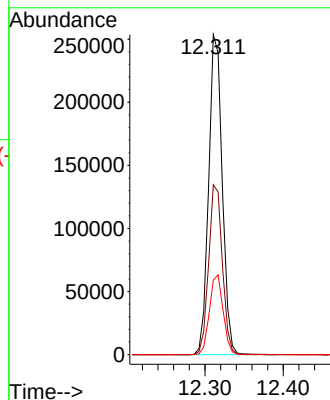
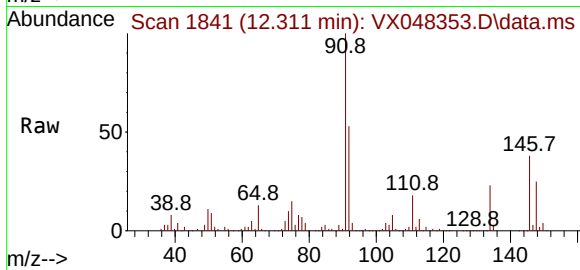




#89
n-Butylbenzene
Concen: 51.016 ug/l
RT: 12.311 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

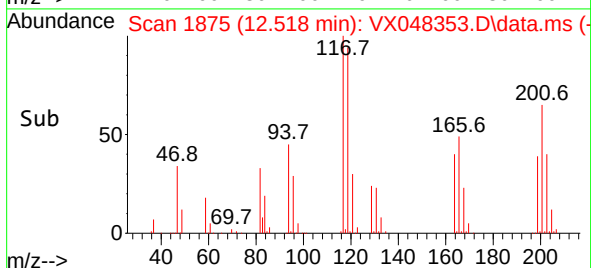
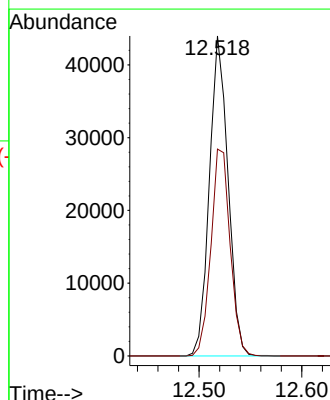
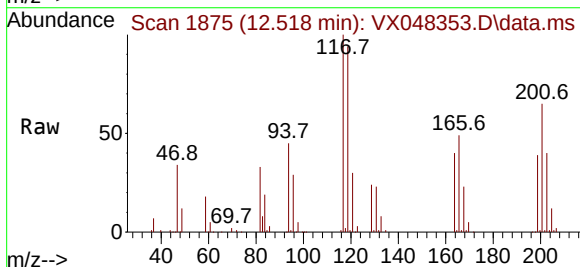
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

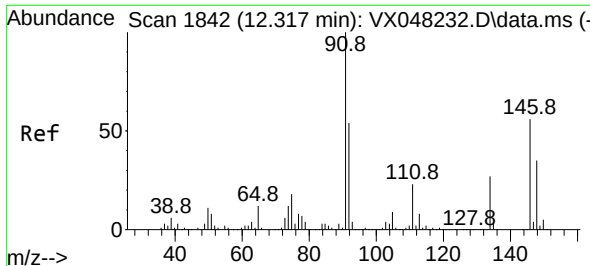
Tgt Ion: 91 Resp: 304622
Ion Ratio Lower Upper
91 100
92 53.5 26.9 80.6
134 25.1 12.7 38.1



#90
Hexachloroethane
Concen: 42.679 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 117 Resp: 55291
Ion Ratio Lower Upper
117 100
201 66.9 34.1 102.2

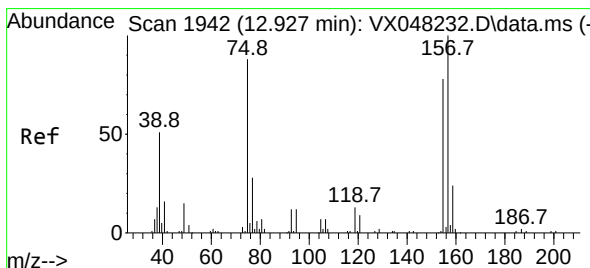
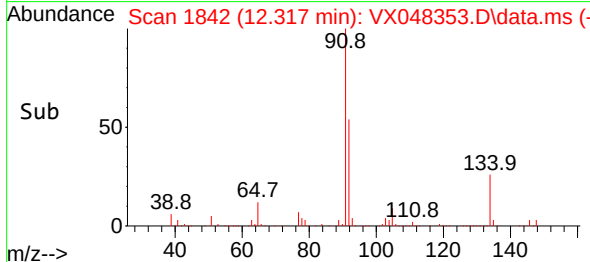
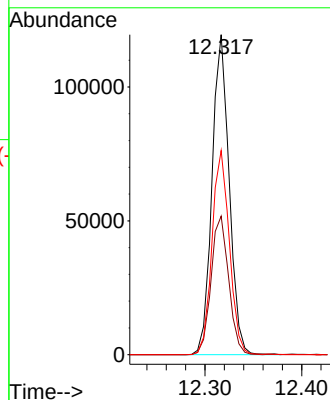
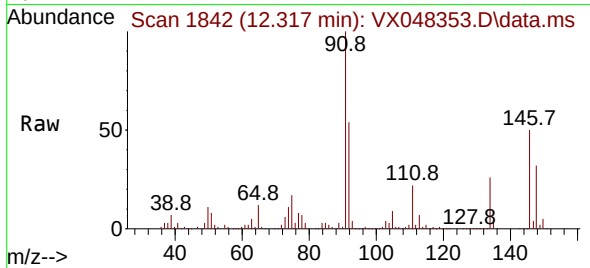




#91
 1,2-Dichlorobenzene
 Concen: 44.694 ug/l
 RT: 12.317 min Scan# 1842
 Delta R.T. -0.000 min
 Lab File: VX048353.D
 Acq: 24 Oct 2025 15:49

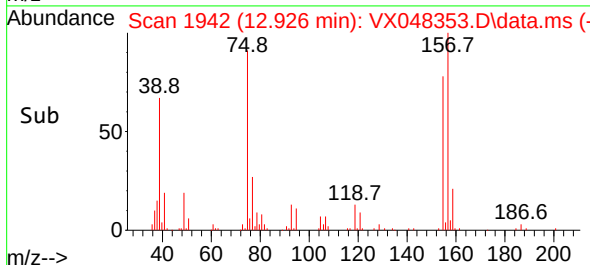
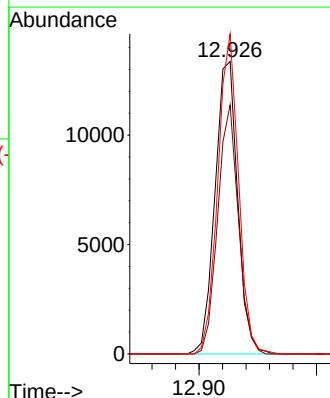
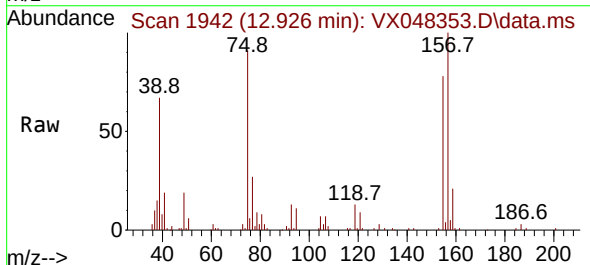
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

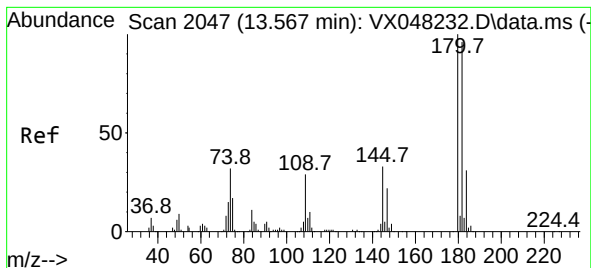
Tgt Ion:146 Resp: 147165
 Ion Ratio Lower Upper
 146 100
 111 44.5 21.9 65.5
 148 64.6 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.426 ug/l
 RT: 12.926 min Scan# 1942
 Delta R.T. 0.006 min
 Lab File: VX048353.D
 Acq: 24 Oct 2025 15:49

Tgt Ion: 75 Resp: 17860
 Ion Ratio Lower Upper
 75 100
 155 78.1 42.8 128.4
 157 100.2 54.2 162.6





#93

1,2,4-Trichlorobenzene

Concen: 45.654 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

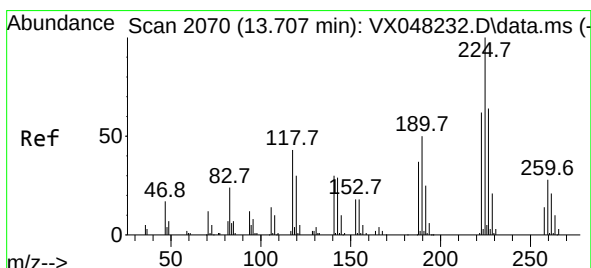
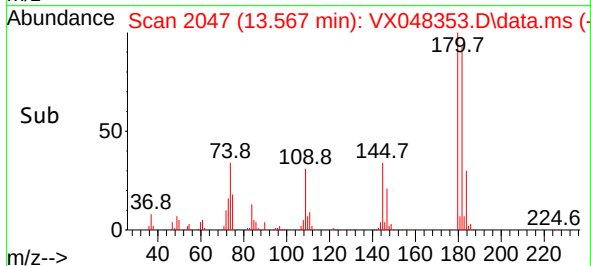
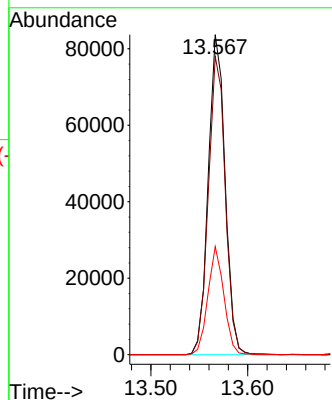
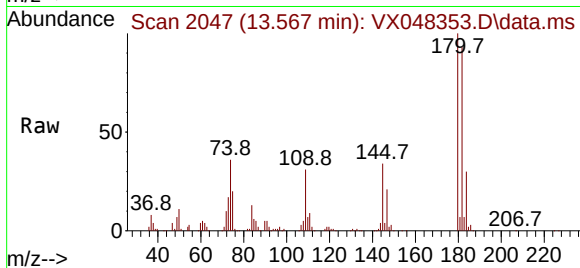
Tgt Ion:180 Resp: 101661

Ion Ratio Lower Upper

180 100

182 93.7 47.3 142.0

145 32.2 16.3 48.9



#94

Hexachlorobutadiene

Concen: 50.828 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. 0.006 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

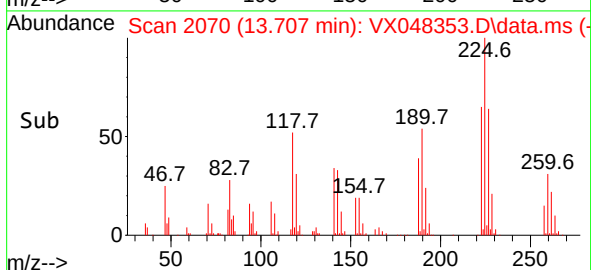
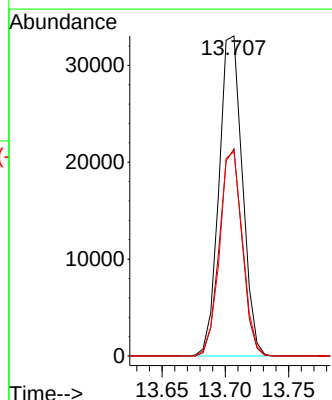
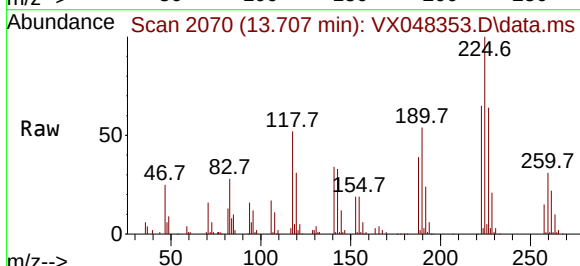
Tgt Ion:225 Resp: 42413

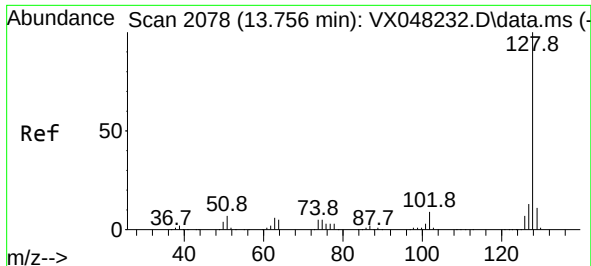
Ion Ratio Lower Upper

225 100

223 62.5 32.6 97.7

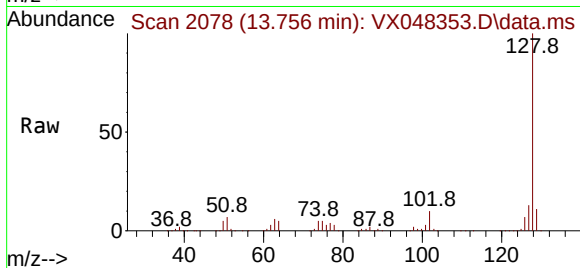
227 62.7 32.5 97.4



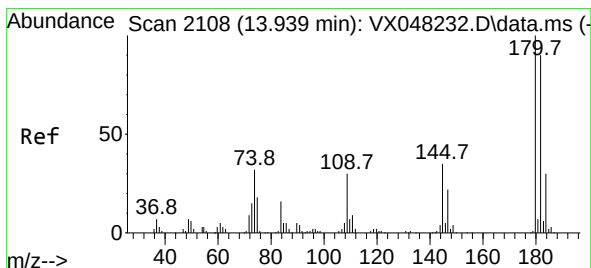
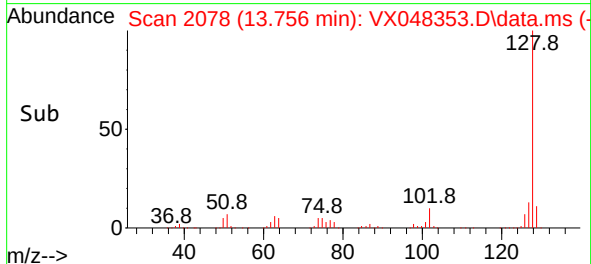
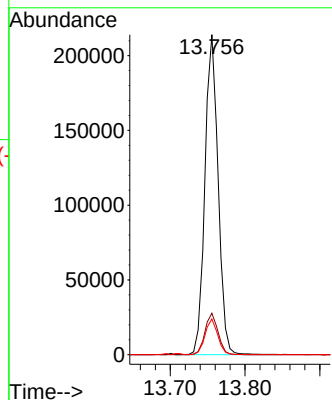


#95
Naphthalene
Concen: 44.472 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 262366
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 45.740 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:180 Resp: 93463
Ion Ratio Lower Upper
180 100
182 92.6 46.6 139.7
145 34.7 16.9 50.7

