

Cover Page

Order ID : Q1525

Project ID : DPW

Client : G Environmental

Lab Sample Number

Q1525-01

Client Sample Number

MW10

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

Signature : _____

Date: 3/17/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1525

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 Custody

✓

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: PRADIP PRAJAPATI

Date: 03/17/2025



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LAB CHRONICLE

OrderID:	Q1525	OrderDate:	3/7/2025 11:17:00 AM
Client:	G Environmental	Project:	DPW
Contact:	Gary Landis	Location:	I31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1525-01	MW10	Water	VOCMS Group1	8260-Low	03/06/25		03/11/25	03/07/25

Hit Summary Sheet SW-846

SDG No.: Q1525

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	MW10							
Q1525-01	MW10	Water	Acetone	5.10		1.40	5.00	ug/L
Q1525-01	MW10	Water	Benzene	1.40		0.16	1.00	ug/L
Q1525-01	MW10	Water	Trichloroethene	3.20		0.32	1.00	ug/L
Q1525-01	MW10	Water	Chlorobenzene	2.70		0.13	1.00	ug/L
Q1525-01	MW10	Water	Ethyl Benzene	32.9		0.16	1.00	ug/L
Q1525-01	MW10	Water	m/p-Xylenes	18.1		0.31	2.00	ug/L
Q1525-01	MW10	Water	o-Xylene	1.50		0.14	1.00	ug/L
			Total Voc :	64.9				
Q1525-01	MW10	Water	Butane, 2-methyl-	* 74.7	J	0	0	ug/L
Q1525-01	MW10	Water	Butane, 2,3-dimethyl-	* 70.1	J	0	0	ug/L
Q1525-01	MW10	Water	Pentane, 3-methyl-	* 96.3	J	0	0	ug/L
Q1525-01	MW10	Water	Cyclopentane, methyl-	* 81.3	J	0	0	ug/L
Q1525-01	MW10	Water	Pentane, 2-methyl-	* 90.9	J	0	0	ug/L
Q1525-01	MW10	Water	Pentane, 2,2,4-trimethyl-	* 58.3	J	0	0	ug/L
Q1525-01	MW10	Water	Pentane, 2,3,3-trimethyl-	* 32.1	J	0	0	ug/L
Q1525-01	MW10	Water	Pentane, 2,3-dimethyl-	* 75.8	J	0	0	ug/L
Q1525-01	MW10	Water	Hexane, 3-methyl-	* 33.7	J	0	0	ug/L
Q1525-01	MW10	Water	Benzene, 1-ethyl-2-methyl-	* 41.2	J	0	0	ug/L
Q1525-01	MW10	Water	Benzene, 1-propenyl-	* 77.7	J	0	0	ug/L
Q1525-01	MW10	Water	Indan, 1-methyl-	* 77.8	J	0	0	ug/L
Q1525-01	MW10	Water	1H-Indene, 2,3-dihydro-4-meth	* 85.5	J	0	0	ug/L
Q1525-01	MW10	Water	Benzene, 2-ethenyl-1,4-dimeth	* 33.9	J	0	0	ug/L
Q1525-01	MW10	Water	Benzene, 2-ethyl-1,3-dimethyl-	* 35.0	J	0	0	ug/L
Q1525-01	MW10	Water	Cyclohexane	* 17.5	J	1.60	5.00	ug/L
Q1525-01	MW10	Water	Methylcyclohexane	* 19.0	J	0.19	1.00	ug/L
Q1525-01	MW10	Water	Isopropylbenzene	* 13.2	J	0.13	1.00	ug/L
Q1525-01	MW10	Water	n-propylbenzene	* 21.6	J	0.14	1.00	ug/L
Q1525-01	MW10	Water	1,3,5-Trimethylbenzene	* 2.40	J	0.18	1.00	ug/L
Q1525-01	MW10	Water	tert-Butylbenzene	* 2.30	J	0.17	1.00	ug/L
Q1525-01	MW10	Water	1,2,4-Trimethylbenzene	* 35.8	J	0.18	1.00	ug/L
Q1525-01	MW10	Water	sec-Butylbenzene	* 3.40	J	0.17	1.00	ug/L
Q1525-01	MW10	Water	n-Butylbenzene	* 1.90	J	0.22	1.00	ug/L
Q1525-01	MW10	Water	Naphthalene	* 7.90	J	0.59	1.00	ug/L
			Total Tics :	1090				
			Total Concentration:	1150				

Hit Summary Sheet
SW-846

SDG No.: Q1525

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units



QC SUMMARY

Surrogate Summary

SDG No.: Q1525

Client: G Environmental

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
Q1525-01	MW10	1,2-Dichloroethane-d4	50	52.2	104	70 (74)	130 (125)
		Dibromofluoromethane	50	52.8	106	70 (75)	130 (124)
		Toluene-d8	50	51.5	103	70 (86)	130 (113)
		4-Bromofluorobenzene	50	56.0	112	70 (77)	130 (121)
VX0311WBL01	VX0311WBL01	1,2-Dichloroethane-d4	50	53.3	107	70 (74)	130 (125)
		Dibromofluoromethane	50	50.6	101	70 (75)	130 (124)
		Toluene-d8	50	50.6	101	70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.4	103	70 (77)	130 (121)
VX0311WBS01	VX0311WBS01	1,2-Dichloroethane-d4	50	52.0	104	70 (74)	130 (125)
		Dibromofluoromethane	50	51.9	104	70 (75)	130 (124)
		Toluene-d8	50	51.2	102	70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.9	106	70 (77)	130 (121)
VX0311WBSD0	VX0311WBSD01	1,2-Dichloroethane-d4	50	51.1	102	70 (74)	130 (125)
		Dibromofluoromethane	50	51.0	102	70 (75)	130 (124)
		Toluene-d8	50	50.7	101	70 (86)	130 (113)
		4-Bromofluorobenzene	50	54.4	109	70 (77)	130 (121)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1525

Client: G Environmental

Analytical Method: SW8260-Low

Datafile : VX045214.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0311WBS01	Chloromethane	20	18.8	ug/L	94			40 (65)	160 (116)	
	Vinyl chloride	20	17.5	ug/L	88			70 (65)	130 (117)	
	Bromomethane	20	18.9	ug/L	95			40 (58)	160 (125)	
	Chloroethane	20	21.4	ug/L	107			40 (56)	160 (128)	
	Tert butyl alcohol	100	83.4	ug/L	83			70 (73)	130 (124)	
	1,1-Dichloroethene	20	18.8	ug/L	94			70 (74)	130 (110)	
	Acetone	100	97.2	ug/L	97			40 (60)	160 (125)	
	Carbon disulfide	20	16.9	ug/L	85			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	19.5	ug/L	98			70 (78)	130 (114)	
	Methylene Chloride	20	18.6	ug/L	93			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	19.4	ug/L	97			70 (75)	130 (108)	
	1,1-Dichloroethane	20	19.6	ug/L	98			70 (78)	130 (112)	
	2-Butanone	100	100	ug/L	100			40 (65)	160 (122)	
	Carbon Tetrachloride	20	19.7	ug/L	99			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	19.2	ug/L	96			70 (77)	130 (110)	
	Chloroform	20	19.9	ug/L	100			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	20.0	ug/L	100			70 (80)	130 (108)	
	Benzene	20	19.4	ug/L	97			70 (82)	130 (109)	
	1,2-Dichloroethane	20	19.8	ug/L	99			70 (80)	130 (115)	
	Trichloroethene	20	18.9	ug/L	95			70 (77)	130 (113)	
	1,2-Dichloropropane	20	18.9	ug/L	95			70 (83)	130 (111)	
	Bromodichloromethane	20	19.6	ug/L	98			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	110	ug/L	110			40 (74)	160 (118)	
	Toluene	20	20.0	ug/L	100			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	20.0	ug/L	100			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	20.6	ug/L	103			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	19.5	ug/L	98			70 (83)	130 (112)	
	2-Hexanone	100	110	ug/L	110			40 (73)	160 (117)	
	Dibromochloromethane	20	19.5	ug/L	98			70 (82)	130 (110)	
	Tetrachloroethene	20	19.5	ug/L	98			70 (67)	130 (123)	
	Chlorobenzene	20	19.7	ug/L	99			70 (82)	130 (109)	
	Ethyl Benzene	20	19.8	ug/L	99			70 (83)	130 (109)	
	m/p-Xylenes	40	40.1	ug/L	100			70 (82)	130 (110)	
	o-Xylene	20	19.4	ug/L	97			70 (83)	130 (109)	
	Styrene	20	20.3	ug/L	102			70 (80)	130 (111)	
	Bromoform	20	20.0	ug/L	100			70 (79)	130 (109)	
	1,1,2,2-Tetrachloroethane	20	19.5	ug/L	98			70 (76)	130 (118)	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1525

Client: G Environmental

Analytical Method: SW8260-Low

Datafile : VX045215.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0311WBSD01	Chloromethane	20	17.9	ug/L	90	4		40 (65)	160 (116)	20 (20)
	Vinyl chloride	20	16.9	ug/L	85	3		70 (65)	130 (117)	20 (20)
	Bromomethane	20	19.1	ug/L	96	1		40 (58)	160 (125)	20 (20)
	Chloroethane	20	19.7	ug/L	99	8		40 (56)	160 (128)	20 (20)
	Tert butyl alcohol	100	84.1	ug/L	84	1		70 (73)	130 (124)	20 (20)
	1,1-Dichloroethene	20	18.4	ug/L	92	2		70 (74)	130 (110)	20 (20)
	Acetone	100	96.0	ug/L	96	1		40 (60)	160 (125)	20 (20)
	Carbon disulfide	20	16.4	ug/L	82	4		40 (64)	160 (112)	20 (20)
	Methyl tert-butyl Ether	20	19.3	ug/L	97	1		70 (78)	130 (114)	20 (20)
	Methylene Chloride	20	19.2	ug/L	96	3		70 (72)	130 (114)	20 (20)
	trans-1,2-Dichloroethene	20	19.2	ug/L	96	1		70 (75)	130 (108)	20 (20)
	1,1-Dichloroethane	20	19.2	ug/L	96	2		70 (78)	130 (112)	20 (20)
	2-Butanone	100	100	ug/L	100	0		40 (65)	160 (122)	20 (20)
	Carbon Tetrachloride	20	19.4	ug/L	97	2		70 (77)	130 (113)	20 (20)
	cis-1,2-Dichloroethene	20	19.2	ug/L	96	0		70 (77)	130 (110)	20 (20)
	Chloroform	20	19.5	ug/L	98	2		70 (79)	130 (113)	20 (20)
	1,1,1-Trichloroethane	20	19.2	ug/L	96	4		70 (80)	130 (108)	20 (20)
	Benzene	20	19.2	ug/L	96	1		70 (82)	130 (109)	20 (20)
	1,2-Dichloroethane	20	19.9	ug/L	100	1		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	19.0	ug/L	95	0		70 (77)	130 (113)	20 (20)
	1,2-Dichloropropane	20	19.1	ug/L	96	1		70 (83)	130 (111)	20 (20)
	Bromodichloromethane	20	19.8	ug/L	99	1		70 (83)	130 (110)	20 (20)
	4-Methyl-2-Pentanone	100	110	ug/L	110	0		40 (74)	160 (118)	20 (20)
	Toluene	20	19.8	ug/L	99	1		70 (82)	130 (110)	20 (20)
	t-1,3-Dichloropropene	20	20.1	ug/L	101	1		70 (79)	130 (110)	20 (20)
	cis-1,3-Dichloropropene	20	20.1	ug/L	101	2		70 (82)	130 (110)	20 (20)
	1,1,2-Trichloroethane	20	20.0	ug/L	100	2		70 (83)	130 (112)	20 (20)
	2-Hexanone	100	110	ug/L	110	0		40 (73)	160 (117)	20 (20)
	Dibromochloromethane	20	19.9	ug/L	100	2		70 (82)	130 (110)	20 (20)
	Tetrachloroethene	20	19.3	ug/L	97	1		70 (67)	130 (123)	20 (20)
	Chlorobenzene	20	19.6	ug/L	98	1		70 (82)	130 (109)	20 (20)
	Ethyl Benzene	20	19.7	ug/L	99	0		70 (83)	130 (109)	20 (20)
	m/p-Xylenes	40	39.9	ug/L	100	0		70 (82)	130 (110)	20 (20)
	o-Xylene	20	20.2	ug/L	101	4		70 (83)	130 (109)	20 (20)
	Styrene	20	20.5	ug/L	103	1		70 (80)	130 (111)	20 (20)
	Bromoform	20	20.3	ug/L	102	2		70 (79)	130 (109)	20 (20)
	1,1,2,2-Tetrachloroethane	20	19.7	ug/L	99	1		70 (76)	130 (118)	20 (20)

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0311WBL01

Lab Name: CHEMTECH

Contract: GENV01

Lab Code: CHEM Case No.: Q1525

SAS No.: Q1525 SDG NO.: Q1525

Lab File ID: VX045213.D

Lab Sample ID: VX0311WBL01

Date Analyzed: 03/11/2025

Time Analyzed: 10:51

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
VX0311WBS01	VX0311WBS01	VX045214.D	03/11/2025
VX0311WBSD01	VX0311WBSD01	VX045215.D	03/11/2025
MW10	Q1525-01	VX045235.D	03/11/2025

COMMENTS: _____



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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01
Lab Code: CHEM Case No.: Q1525 SAS No.: Q1525 SDG NO.: Q1525
Lab File ID: VX045067.D BFB Injection Date: 02/28/2025
Instrument ID: MSVOA_X BFB Injection Time: 01:03
GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.7
75	30.0 - 60.0% of mass 95	53.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.7 (1) 1
174	50.0 - 100.0% of mass 95	73.8
175	5.0 - 9.0% of mass 174	5.8 (7.9) 1
176	95.0 - 101.0% of mass 174	70.6 (95.6) 1
177	5.0 - 9.0% of mass 176	4.3 (6.2) 2

1-Value is % mass 174

2-Value is % mass 176

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDIC001	VSTDIC001	VX045068.D	02/28/2025	01:27
VSTDIC005	VSTDIC005	VX045069.D	02/28/2025	02:13
VSTDIC020	VSTDIC020	VX045070.D	02/28/2025	02:37
VSTDIC050	VSTDIC050	VX045071.D	02/28/2025	03:00
VSTDIC100	VSTDIC100	VX045072.D	02/28/2025	03:23
VSTDIC150	VSTDIC150	VX045073.D	02/28/2025	03:47



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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01
Lab Code: CHEM Case No.: Q1525 SAS No.: Q1525 SDG NO.: Q1525
Lab File ID: VX045210.D BFB Injection Date: 03/11/2025
Instrument ID: MSVOA_X BFB Injection Time: 09:30
GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.8
75	30.0 - 60.0% of mass 95	54.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7
173	Less than 2.0% of mass 174	0.8 (1) 1
174	50.0 - 100.0% of mass 95	76.6
175	5.0 - 9.0% of mass 174	5.8 (7.6) 1
176	95.0 - 101.0% of mass 174	73.2 (95.6) 1
177	5.0 - 9.0% of mass 176	4.8 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX045211.D	03/11/2025	09:59
VX0311WBL01	VX0311WBL01	VX045213.D	03/11/2025	10:51
VX0311WBS01	VX0311WBS01	VX045214.D	03/11/2025	11:14
VX0311WBSD01	VX0311WBSD01	VX045215.D	03/11/2025	11:40
MW10	Q1525-01	VX045235.D	03/11/2025	19:25

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01
Lab Code: CHEM Case No.: Q1525 SAS No.: Q1525 SDG NO.: Q1525
Lab File ID: VX045211.D Date Analyzed: 03/11/2025
Instrument ID: MSVOA_X Time Analyzed: 09:59
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	101357	5.54	176548	6.75	153652	10.05
UPPER LIMIT	202714	6.044	353096	7.251	307304	10.549
LOWER LIMIT	50678.5	5.044	88274	6.251	76826	9.549
EPA SAMPLE NO.						
MW10	69449	5.55	133868	6.76	123702	10.05
VX0311WBL01	69956	5.54	139206	6.76	126312	10.06
VX0311WBS01	94786	5.54	172566	6.76	151770	10.06
VX0311WBSD01	92082	5.54	166231	6.76	148942	10.05

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

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

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01
 Lab Code: CHEM Case No.: Q1525 SAS No.: Q1525 SDG NO.: Q1525
 Lab File ID: VX045211.D Date Analyzed: 03/11/2025
 Instrument ID: MSVOA_X Time Analyzed: 09:59
 GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	70136	12.018				
UPPER LIMIT	140272	12.518				
LOWER LIMIT	35068	11.518				
EPA SAMPLE NO.						
MW10	55461	12.02				
VX0311WBL01	50068	12.02				
VX0311WBS01	71836	12.02				
VX0311WBSD01	68861	12.02				

IS4 = 1,4-Dichlorobenzene-d4

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

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



SAMPLE DATA

Report of Analysis

Client:	G Environmental		Date Collected:	03/06/25	
Project:	DPW		Date Received:	03/07/25	
Client Sample ID:	MW10		SDG No.:	Q1525	
Lab Sample ID:	Q1525-01		Matrix:	Water	
Analytical Method:	SW8260		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045235.D	1		03/11/25 19:25	VX031125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
74-87-3	Chloromethane	0.35	U	0.35	1.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	1.00	ug/L
75-65-0	Tert butyl alcohol	5.60	U	5.60	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	1.00	ug/L
67-64-1	Acetone	5.10		1.40	5.00	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	1.00	ug/L
71-43-2	Benzene	1.40		0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	1.00	ug/L
79-01-6	Trichloroethene	3.20		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	1.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	5.00	ug/L
108-88-3	Toluene	0.18	U	0.18	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	1.00	ug/L

Report of Analysis

Client:	G Environmental	Date Collected:	03/06/25
Project:	DPW	Date Received:	03/07/25
Client Sample ID:	MW10	SDG No.:	Q1525
Lab Sample ID:	Q1525-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045235.D	1		03/11/25 19:25	VX031125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	2.70		0.13	1.00	ug/L
100-41-4	Ethyl Benzene	32.9		0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	18.1		0.31	2.00	ug/L
95-47-6	o-Xylene	1.50		0.14	1.00	ug/L
100-42-5	Styrene	0.16	U	0.16	1.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.2		70 (74) - 130 (125)	104%	SPK: 50
1868-53-7	Dibromofluoromethane	52.8		70 (75) - 130 (124)	106%	SPK: 50
2037-26-5	Toluene-d8	51.5		70 (86) - 130 (113)	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.0		70 (77) - 130 (121)	112%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	69400	5.55			
540-36-3	1,4-Difluorobenzene	134000	6.757			
3114-55-4	Chlorobenzene-d5	124000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	55500	12.018			
TENTATIVE IDENTIFIED COMPOUNDS						
000078-78-4	Butane, 2-methyl-	74.7	J		1.74	ug/L
000079-29-8	Butane, 2,3-dimethyl-	70.1	J		2.78	ug/L
000107-83-5	Pentane, 2-methyl-	90.9	J		2.82	ug/L
000096-14-0	Pentane, 3-methyl-	96.3	J		3.09	ug/L
000096-37-7	Cyclopentane, methyl-	81.3	J		4.29	ug/L
110-82-7	Cyclohexane	17.5	J		5.47	ug/L
000565-59-3	Pentane, 2,3-dimethyl-	75.8	J		5.61	ug/L
000589-34-4	Hexane, 3-methyl-	33.7	J		5.82	ug/L
000540-84-1	Pentane, 2,2,4-trimethyl-	58.3	J		6.25	ug/L
108-87-2	Methylcyclohexane	19.0	J		7.37	ug/L
000560-21-4	Pentane, 2,3,3-trimethyl-	32.1	J		8.10	ug/L
98-82-8	Isopropylbenzene	13.2	J		11.0	ug/L
103-65-1	n-propylbenzene	21.6	J		11.3	ug/L
108-67-8	1,3,5-Trimethylbenzene	2.40	J		11.5	ug/L

Report of Analysis

Client:	G Environmental	Date Collected:	03/06/25
Project:	DPW	Date Received:	03/07/25
Client Sample ID:	MW10	SDG No.:	Q1525
Lab Sample ID:	Q1525-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW
		Final Vol:	5000
		Test:	VOCMS Group1

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045235.D	1		03/11/25 19:25	VX031125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000611-14-3	Benzene, 1-ethyl-2-methyl-	41.2	J		11.6	ug/L
98-06-6	tert-Butylbenzene	2.30	J		11.7	ug/L
95-63-6	1,2,4-Trimethylbenzene	35.8	J		11.8	ug/L
135-98-8	sec-Butylbenzene	3.40	J		11.9	ug/L
000637-50-3	Benzene, 1-propenyl-	77.7	J		12.2	ug/L
104-51-8	n-Butylbenzene	1.90	J		12.3	ug/L
002870-04-4	Benzene, 2-ethyl-1,3-dimethyl-	35.0	J		12.6	ug/L
000767-58-8	Indan, 1-methyl-	77.8	J		12.7	ug/L
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	33.9	J		13.2	ug/L
000824-22-6	1H-Indene, 2,3-dihydro-4-methyl-	85.5	J		13.3	ug/L
91-20-3	Naphthalene	7.90	J		13.8	ug/L

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\VX031125\
 Data File : VX045235.D
 Acq On : 11 Mar 2025 19:25
 Operator : JC/MD
 Sample : Q1525-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW10

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/12/2025
 Supervised By : Mahesh Dadoda 03/12/2025

Quant Time: Mar 12 01:55:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	69449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	133868	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	123702	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55461	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	57680	52.214	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.420%			
35) Dibromofluoromethane	5.379	113	47222	52.754	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.500%			
50) Toluene-d8	8.647	98	167094	51.490	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.980%			
62) 4-Bromofluorobenzene	11.079	95	60209	55.990	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 111.980%			
Target Compounds					Qvalue	
16) Acetone	2.380	43	2593	5.059	ug/l	99
31) Cyclohexane	5.471	56	26237	17.457	ug/l #	92
39) Methylcyclohexane	7.373	83	28019	19.048	ug/l #	82
40) Benzene	6.038	78	5613	1.448	ug/l #	88
44) Trichloroethene	7.123	130	2874	3.157	ug/l	94
65) Chlorobenzene	10.080	112	7137	2.727	ug/l	95
67) Ethyl Benzene	10.189	91	150136	32.918	ug/l	98
68) m/p-Xylenes	10.299	106	30248	18.117	ug/l	99
69) o-Xylene	10.640	106	2499	1.484	ug/l	90
73) Isopropylbenzene	10.957	105	57321	13.241	ug/l	100
78) n-propylbenzene	11.305	91	105706	21.616	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	8317	2.376	ug/l	98
83) tert-Butylbenzene	11.713	119	8149	2.266	ug/l	85
84) 1,2,4-Trimethylbenzene	11.750	105	126160	35.821	ug/l	98
85) sec-Butylbenzene	11.890	105	14656	3.402	ug/l	95
89) n-Butylbenzene	12.329	91	5677m	1.893	ug/l	
95) Naphthalene	13.774	128	31539	7.887	ug/l	96

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

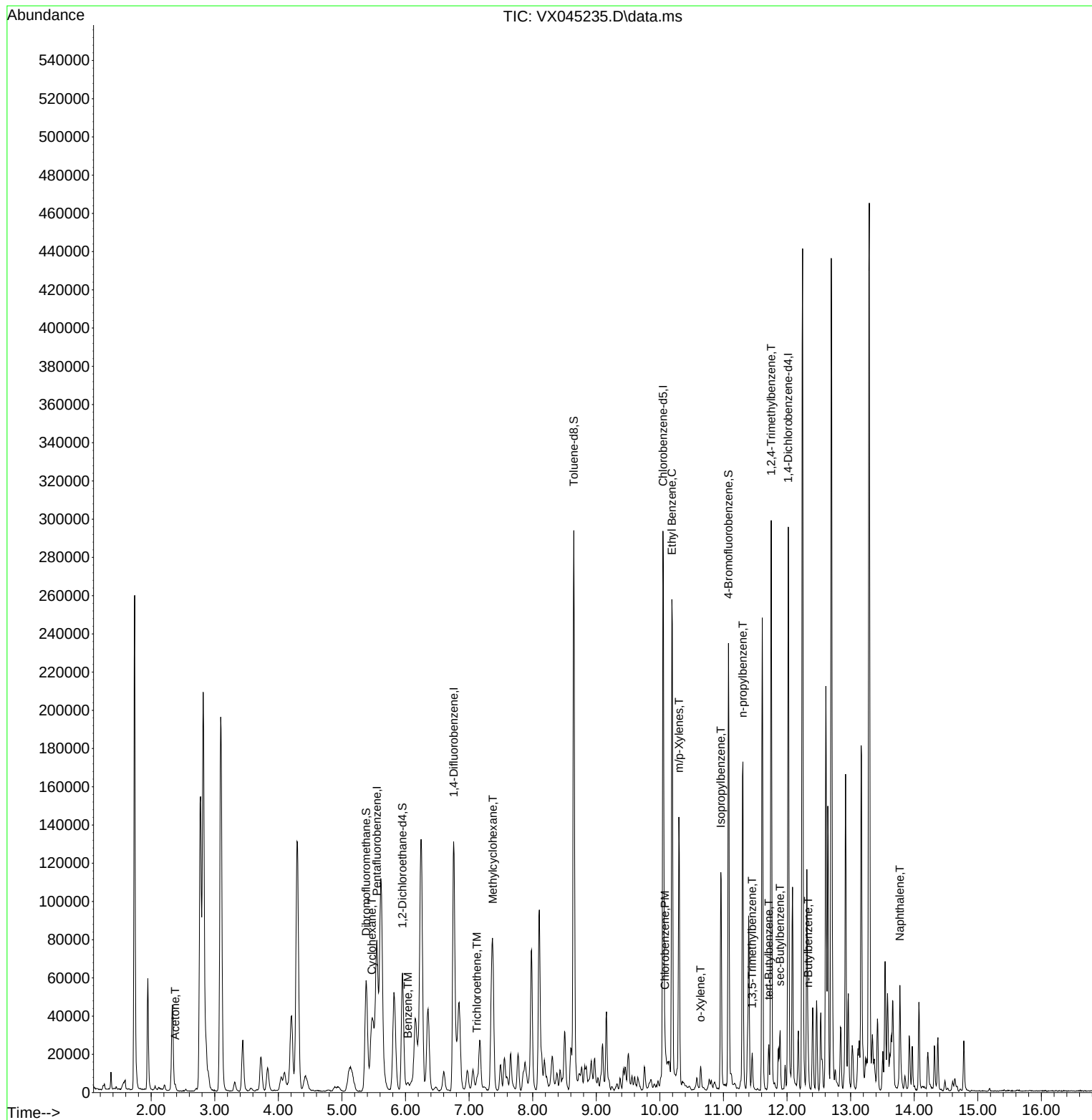
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Data File : VX045235.D
Acq On : 11 Mar 2025 19:25
Operator : JC/MD
Sample : Q1525-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

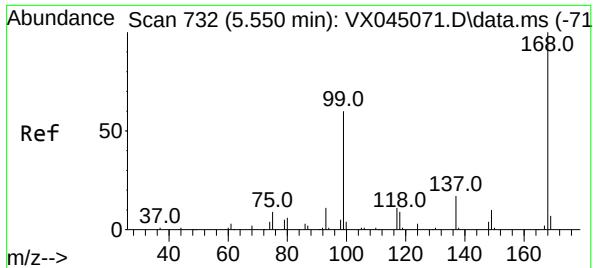
Instrument :
MSVOA_X
ClientSampleId :
MW10

Quant Time: Mar 12 01:55:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By : John Carlone 03/12/2025
Supervised By : Mahesh Dadoda 03/12/2025





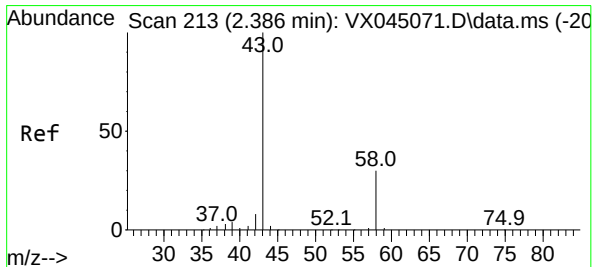
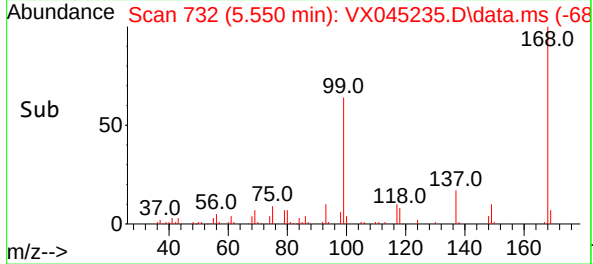
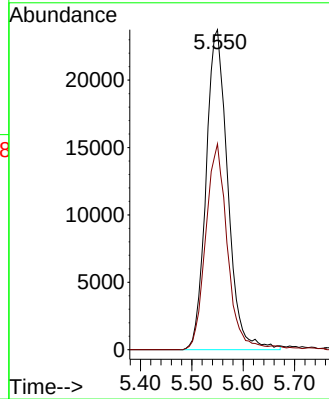
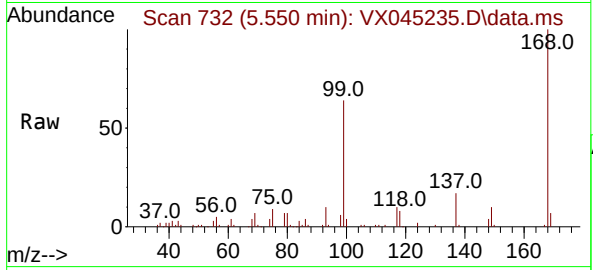
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Instrument :
MSVOA_X
ClientSampleId :
MW10

Tgt Ion:168 Resp: 69449
Ion Ratio Lower Upper
168 100
99 64.3 48.2 72.4

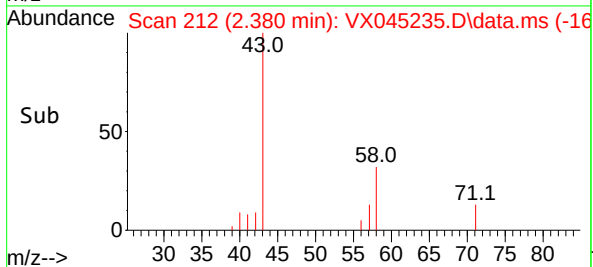
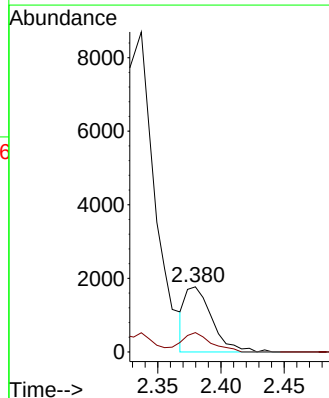
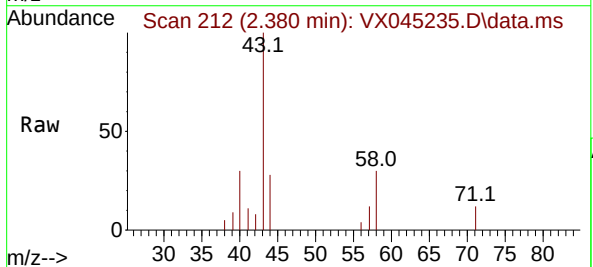
Manual Integrations
APPROVED

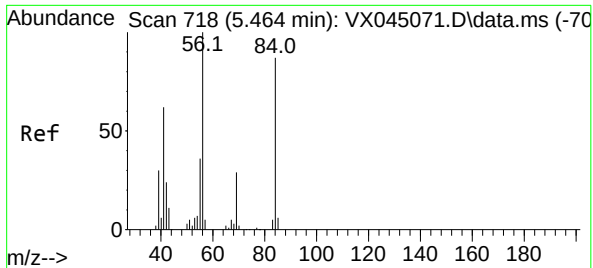
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#16
Acetone
Concen: 5.059 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion: 43 Resp: 2593
Ion Ratio Lower Upper
43 100
58 29.8 24.2 36.4





#31

Cyclohexane

Concen: 17.457 ug/l

RT: 5.471 min Scan# 718

Delta R.T. 0.006 min

Lab File: VX045235.D

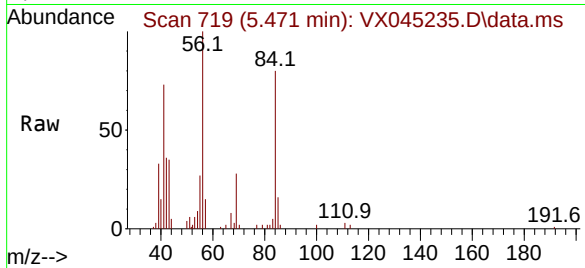
Acq: 11 Mar 2025 19:25

Instrument :

MSVOA_X

ClientSampleId :

MW10



Tgt Ion: 56 Resp: 2623

Ion Ratio Lower Upper

56 100

69 21.2 23.4 35.2

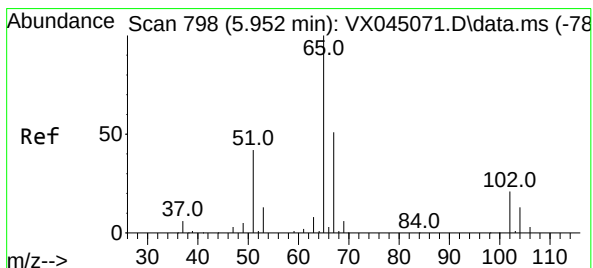
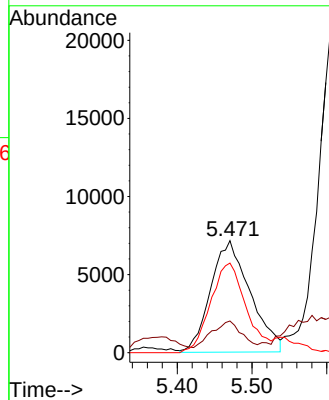
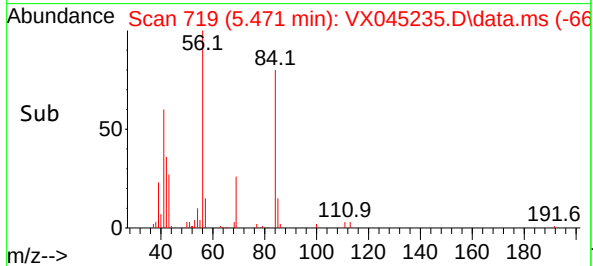
84 81.5 69.4 104.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#33

1,2-Dichloroethane-d4

Concen: 52.214 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045235.D

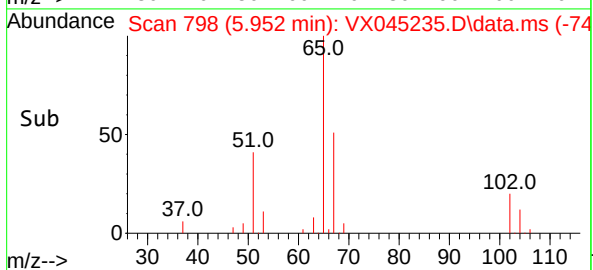
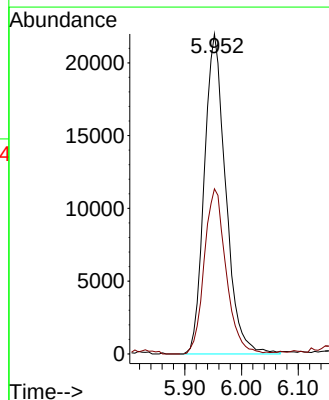
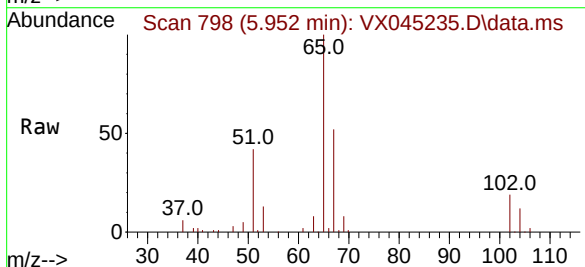
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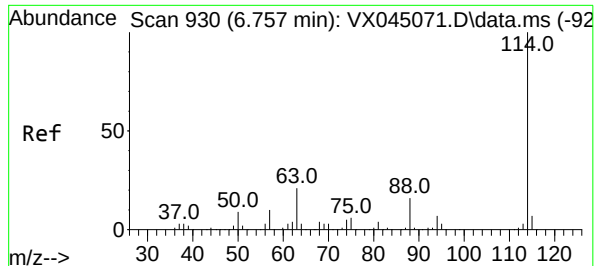
Tgt Ion: 65 Resp: 57680

Ion Ratio Lower Upper

65 100

67 52.7 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX045235.D

Acq: 11 Mar 2025 19:25

Instrument :

MSVOA_X

ClientSampleId :

MW10

Tgt Ion:114 Resp: 13386

Ion Ratio Lower Upper

114 100

63 22.8 0.0 41.8

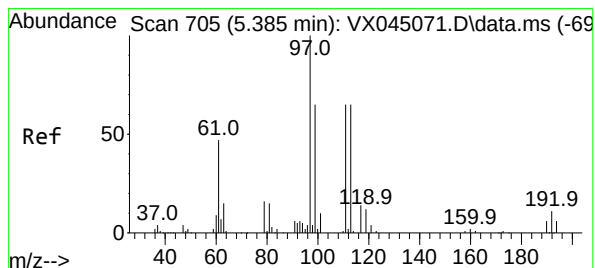
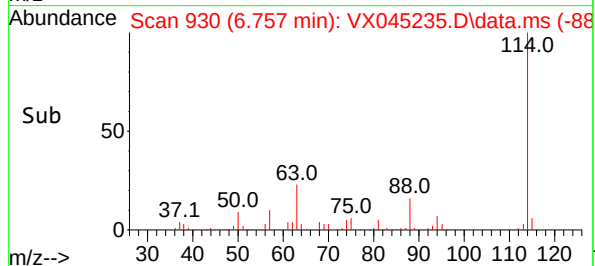
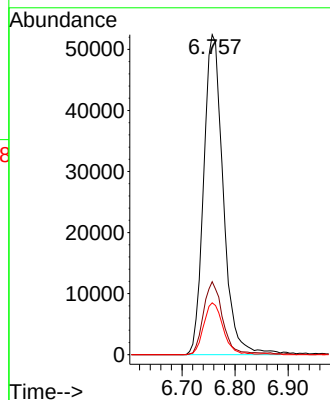
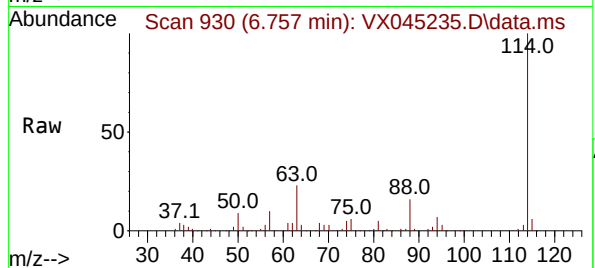
88 16.2 0.0 32.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#35

Dibromofluoromethane

Concen: 52.754 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX045235.D

Acq: 11 Mar 2025 19:25

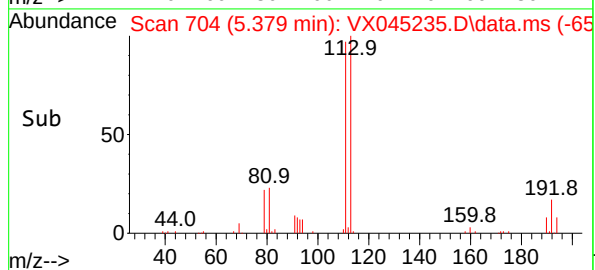
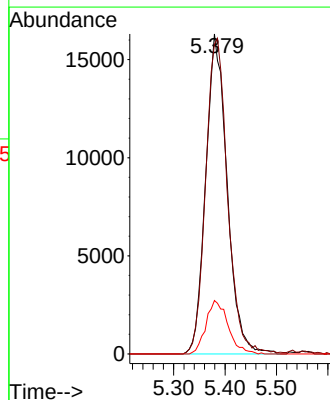
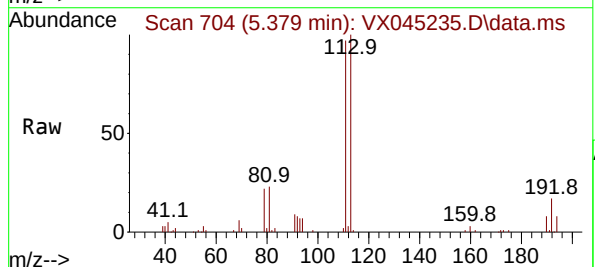
Tgt Ion:113 Resp: 47222

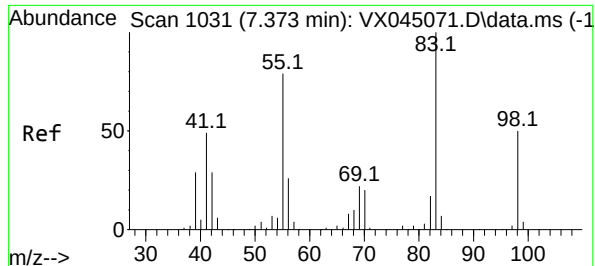
Ion Ratio Lower Upper

113 100

111 100.7 81.8 122.6

192 17.3 14.3 21.5





#39

Methylcyclohexane

Concen: 19.048 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX045235.D

Acq: 11 Mar 2025 19:25

Instrument :

MSVOA_X

ClientSampleId :

MW10

Tgt Ion: 83 Resp: 28019

Ion Ratio Lower Upper

83 100

55 98.8 63.0 94.4

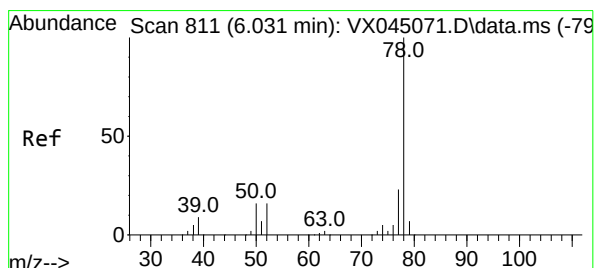
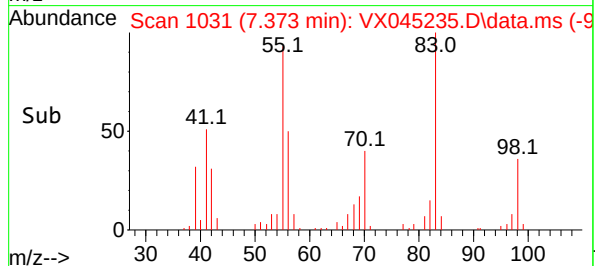
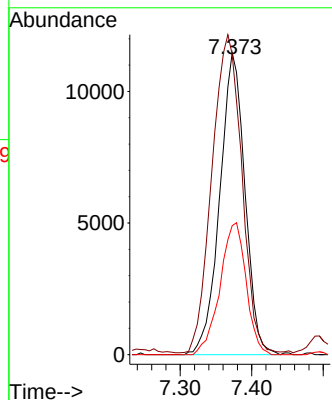
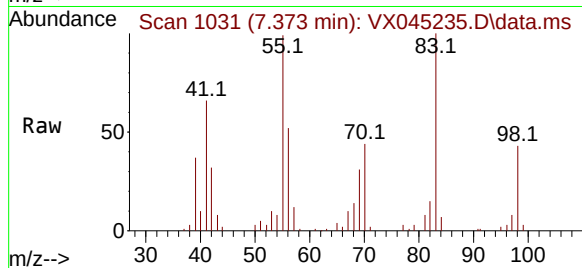
98 42.7 39.7 59.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#40

Benzene

Concen: 1.448 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX045235.D

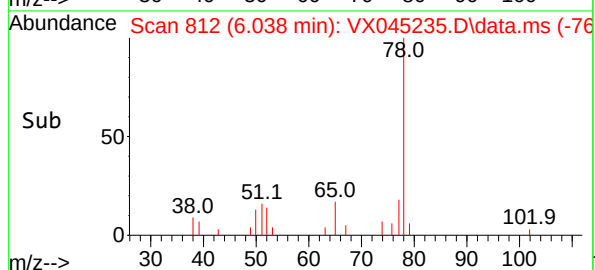
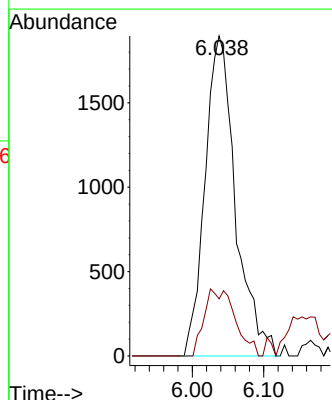
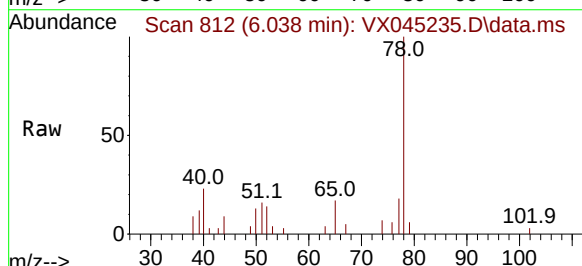
Acq: 11 Mar 2025 19:25

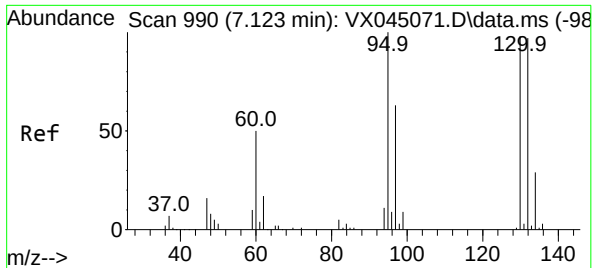
Tgt Ion: 78 Resp: 5613

Ion Ratio Lower Upper

78 100

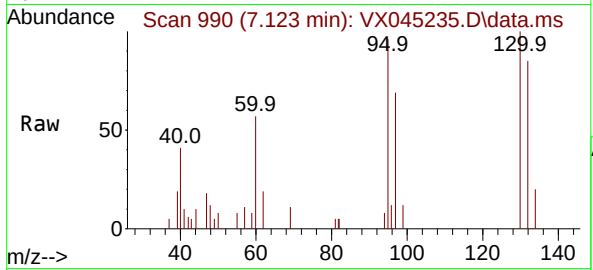
77 17.8 18.8 28.2#





#44
Trichloroethene
Concen: 3.157 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

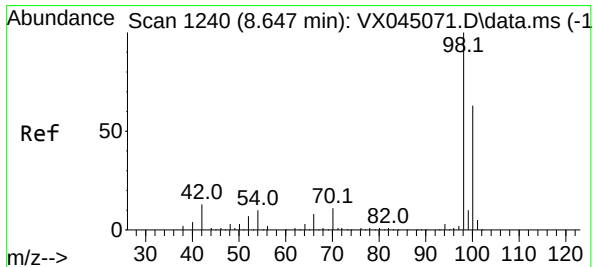
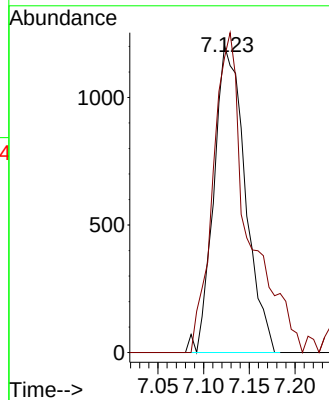
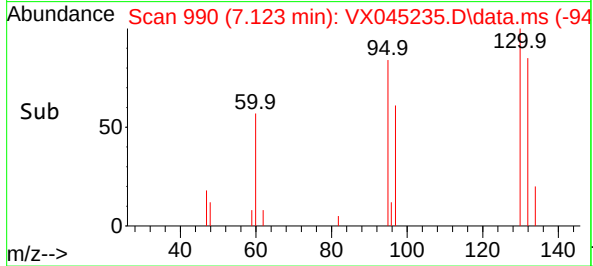
Instrument :
MSVOA_X
ClientSampleId :
MW10



Tgt Ion:130 Resp: 2874
Ion Ratio Lower Upper
130 100
95 96.0 0.0 205.0

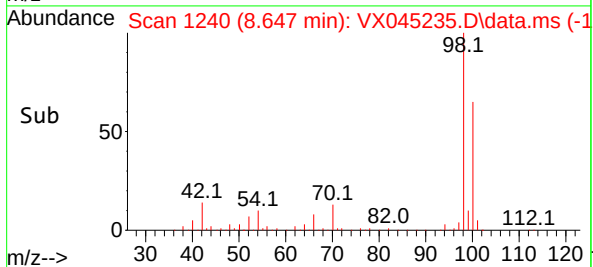
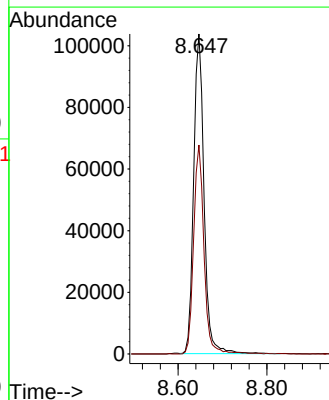
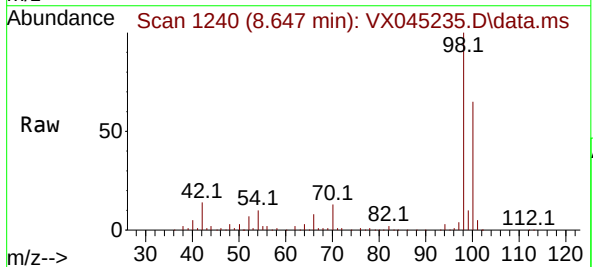
Manual Integrations
APPROVED

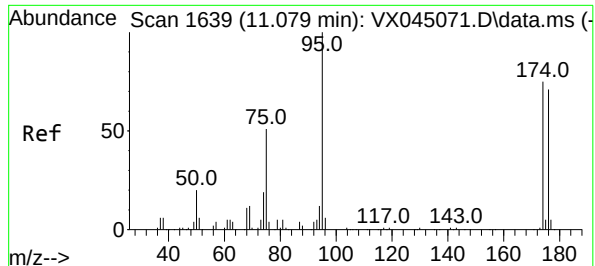
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#50
Toluene-d8
Concen: 51.490 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

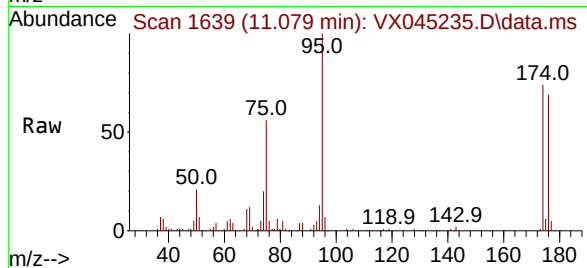
Tgt Ion: 98 Resp: 167094
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0





#62
4-Bromofluorobenzene
Concen: 55.990 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

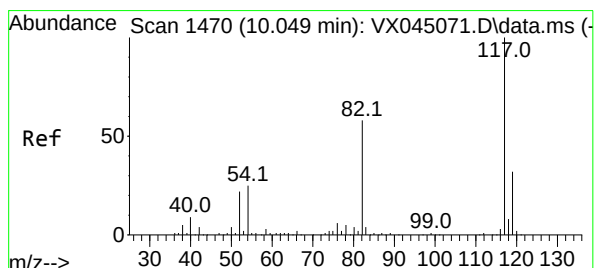
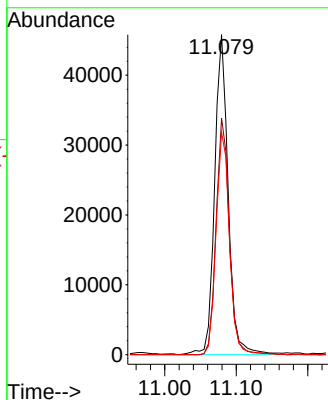
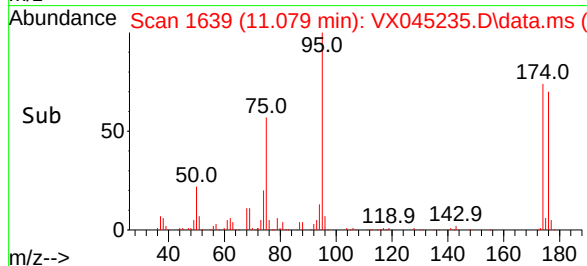
Instrument :
MSVOA_X
ClientSampleId :
MW10



Tgt Ion: 95 Resp: 60209
Ion Ratio Lower Upper
95 100
174 72.2 0.0 148.2
176 68.5 0.0 141.4

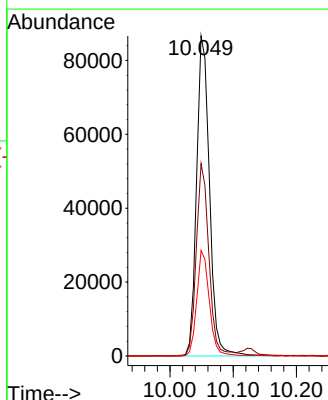
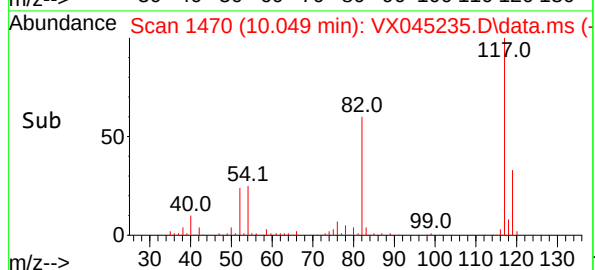
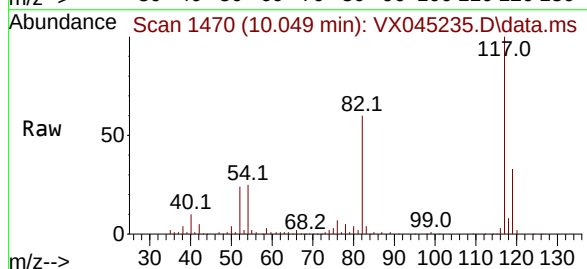
Manual Integrations
APPROVED

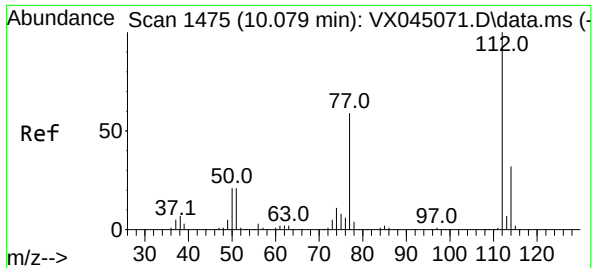
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion:117 Resp: 123702
Ion Ratio Lower Upper
117 100
82 59.9 46.3 69.5
119 33.0 25.7 38.5





#65

Chlorobenzene

Concen: 2.727 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX045235.D

Acq: 11 Mar 2025 19:25

Instrument :

MSVOA_X

ClientSampleId :

MW10

Tgt Ion:112 Resp: 713

Ion Ratio Lower Upper

112 100

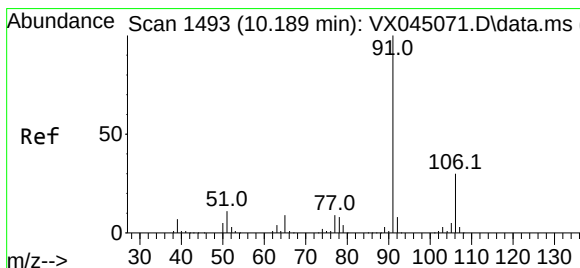
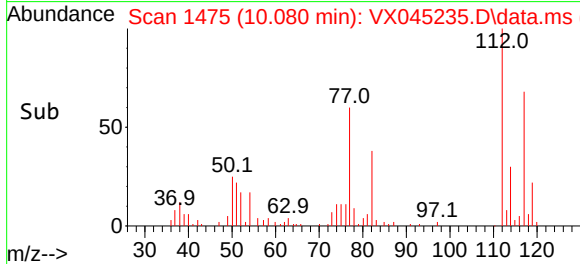
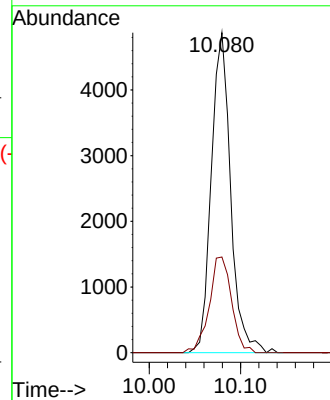
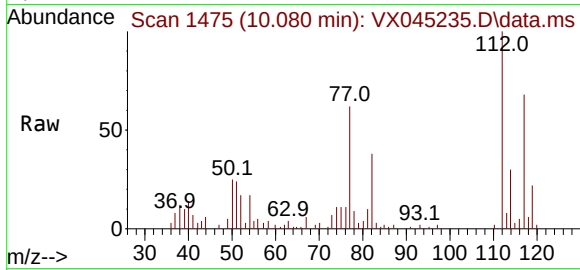
114 29.9 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#67

Ethyl Benzene

Concen: 32.918 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX045235.D

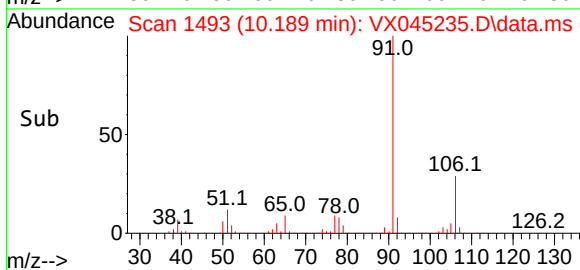
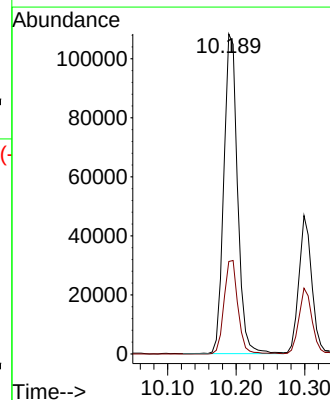
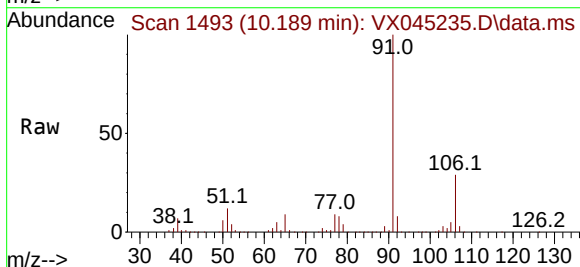
Acq: 11 Mar 2025 19:25

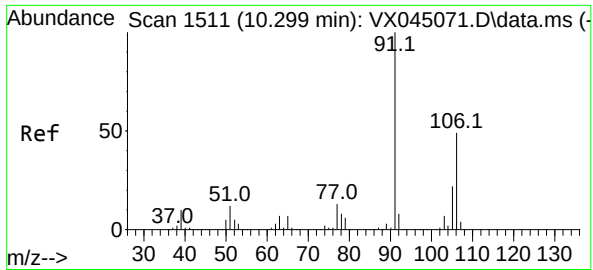
Tgt Ion: 91 Resp: 150136

Ion Ratio Lower Upper

91 100

106 28.9 23.9 35.9





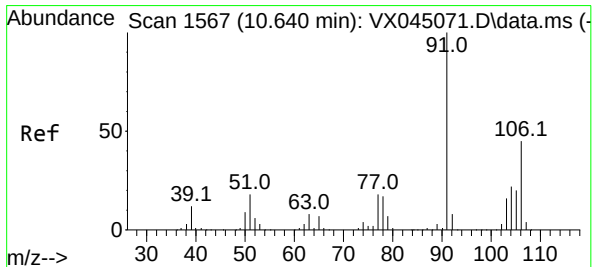
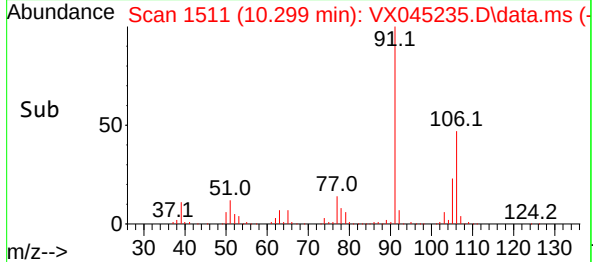
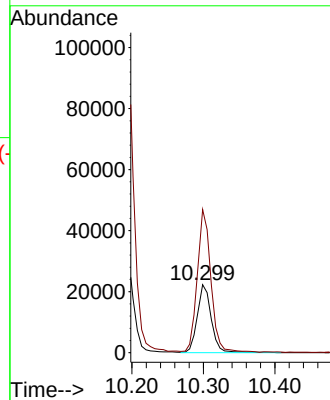
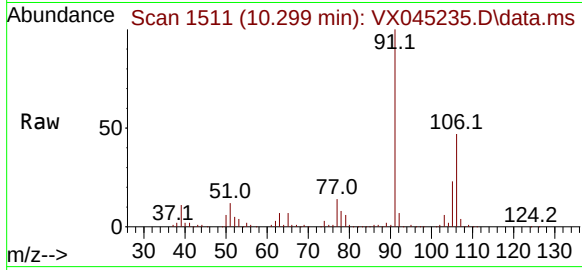
#68
m/p-Xylenes
Concen: 18.117 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Instrument :
MSVOA_X
ClientSampleId :
MW10

Tgt Ion:106 Resp: 30248
Ion Ratio Lower Upper
106 100
91 204.8 165.4 248.0

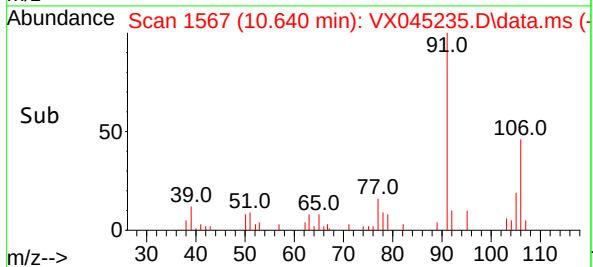
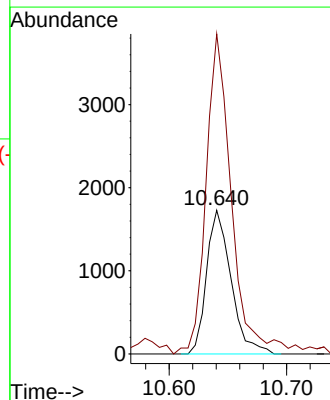
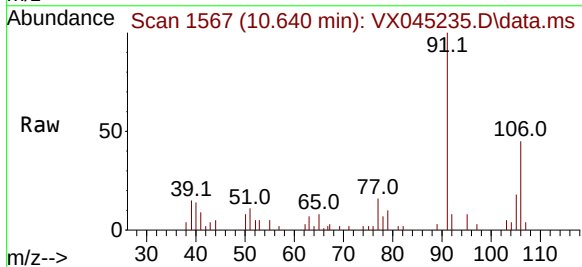
Manual Integrations
APPROVED

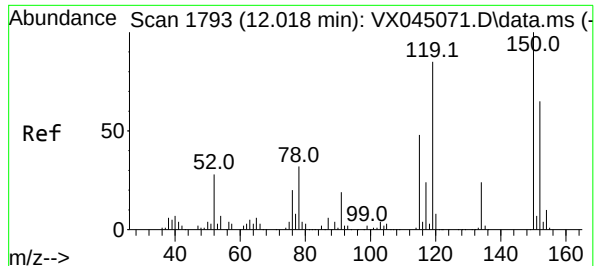
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#69
o-Xylene
Concen: 1.484 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion:106 Resp: 2499
Ion Ratio Lower Upper
106 100
91 235.5 109.9 329.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045235.D

Acq: 11 Mar 2025 19:25

Instrument :

MSVOA_X

ClientSampleId :

MW10

Tgt Ion:152 Resp: 5546

Ion Ratio Lower Upper

152 100

115 61.5 44.2 132.6

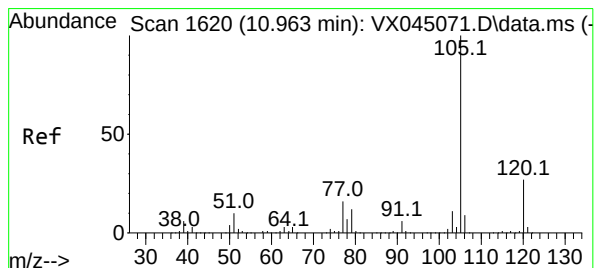
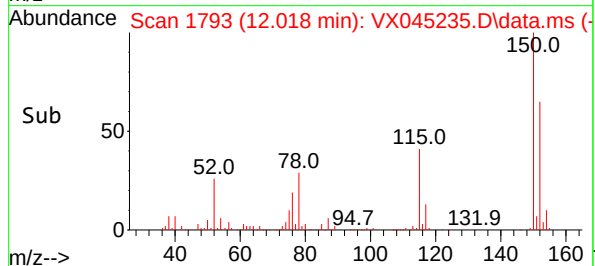
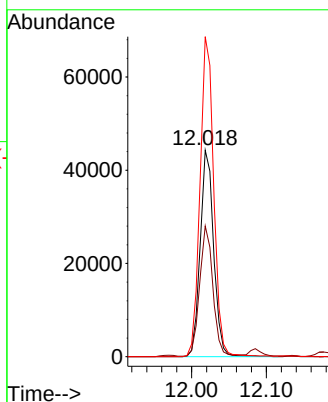
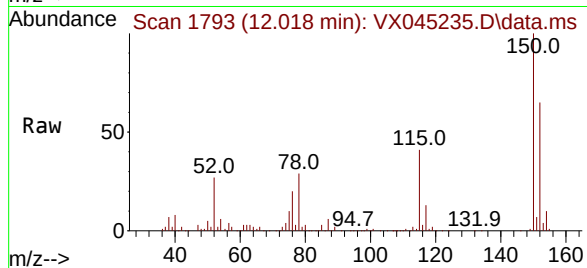
150 157.2 0.0 349.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#73

Isopropylbenzene

Concen: 13.241 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.006 min

Lab File: VX045235.D

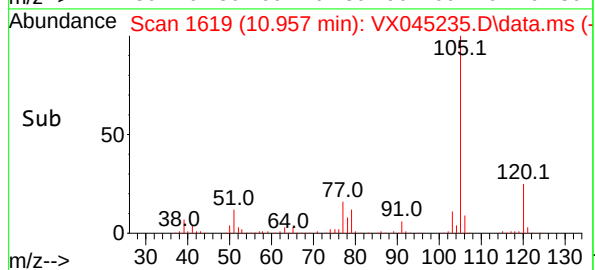
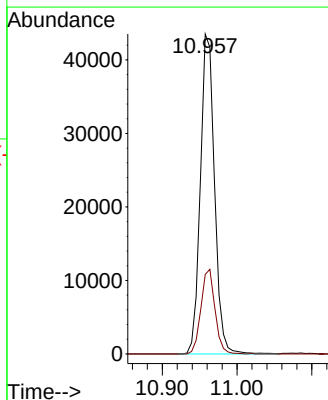
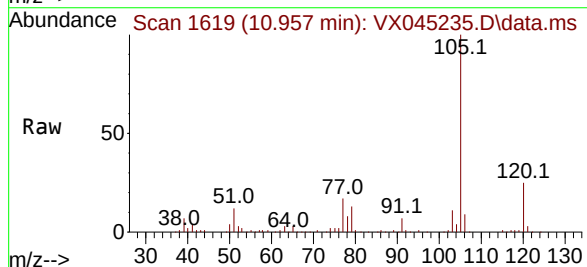
Acq: 11 Mar 2025 19:25

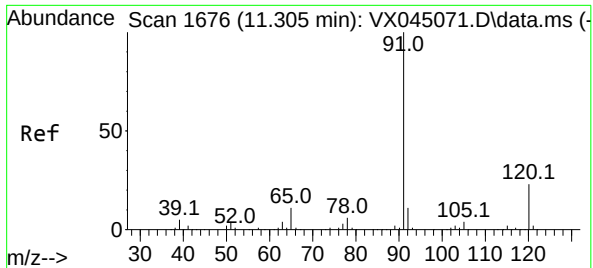
Tgt Ion:105 Resp: 57321

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.5





#78

n-propylbenzene

Concen: 21.616 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX045235.D

Acq: 11 Mar 2025 19:25

Instrument :

MSVOA_X

ClientSampleId :

MW10

Tgt Ion: 91 Resp: 105700

Ion Ratio Lower Upper

91 100

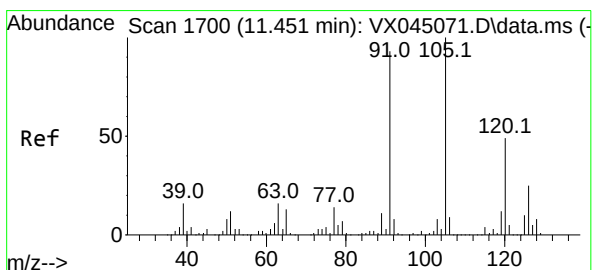
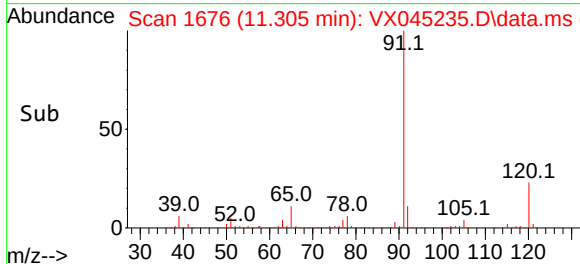
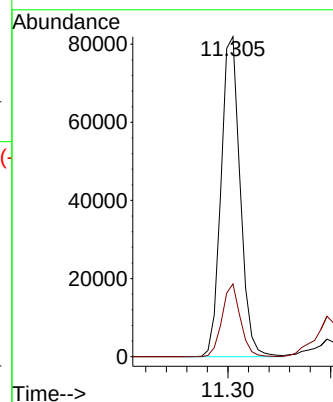
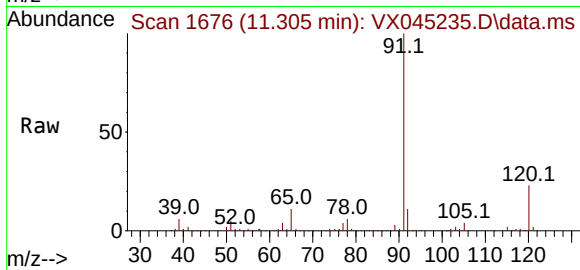
120 21.7 11.2 33.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#80

1,3,5-Trimethylbenzene

Concen: 2.376 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX045235.D

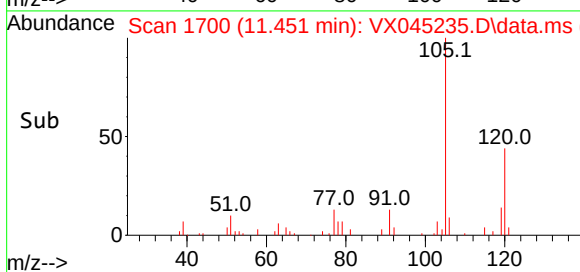
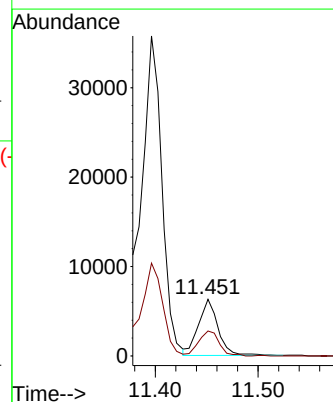
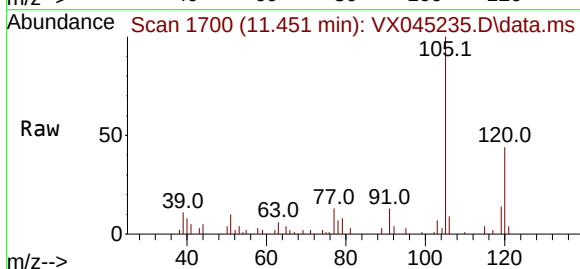
Acq: 11 Mar 2025 19:25

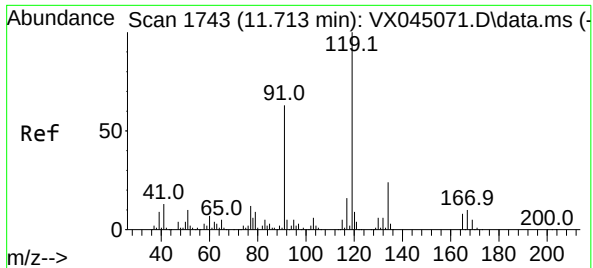
Tgt Ion:105 Resp: 8317

Ion Ratio Lower Upper

105 100

120 47.1 24.1 72.2





#83

tert-Butylbenzene

Concen: 2.266 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX045235.D

Acq: 11 Mar 2025 19:25

Instrument :

MSVOA_X

ClientSampleId :

MW10

Tgt Ion:119 Resp: 8149

Ion Ratio Lower Upper

119 100

91 75.8 30.7 92.1

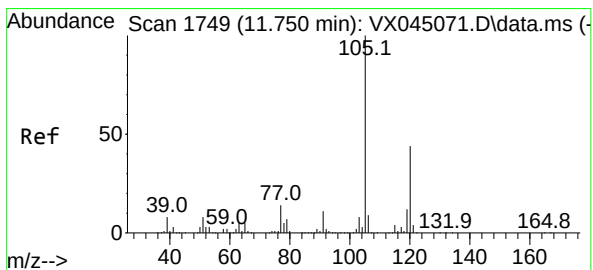
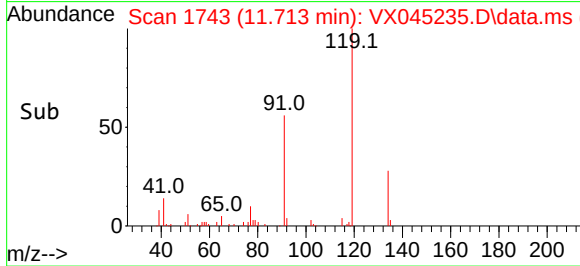
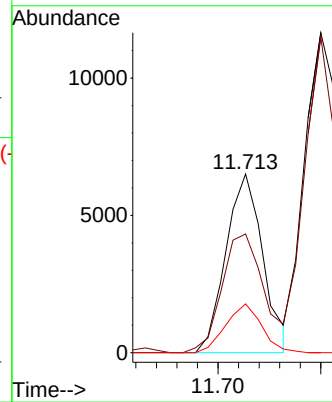
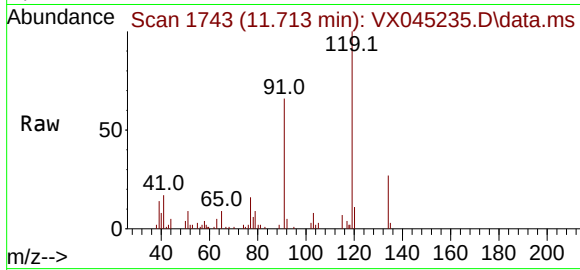
134 26.5 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#84

1,2,4-Trimethylbenzene

Concen: 35.821 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX045235.D

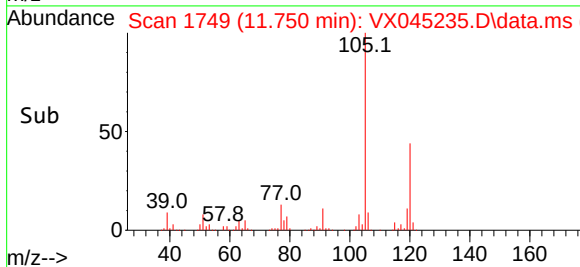
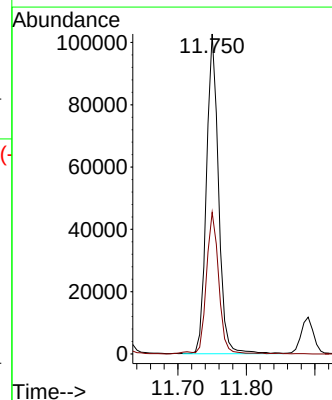
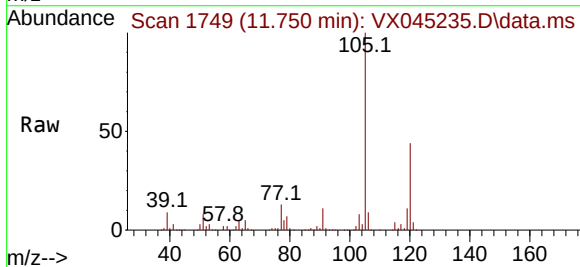
Acq: 11 Mar 2025 19:25

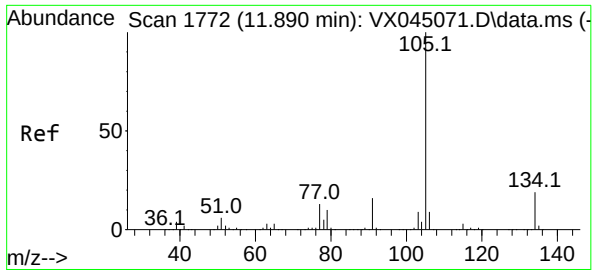
Tgt Ion:105 Resp: 126160

Ion Ratio Lower Upper

105 100

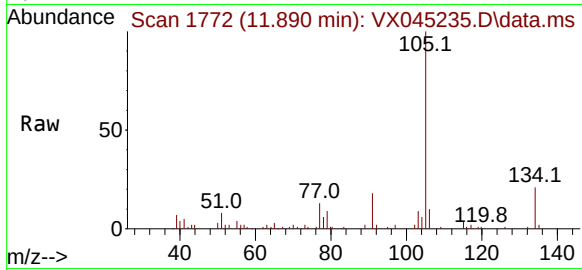
120 45.5 22.1 66.1





#85
sec-Butylbenzene
Concen: 3.402 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

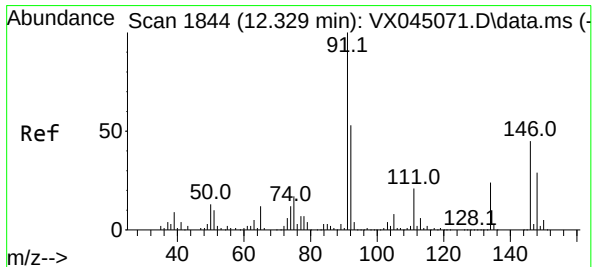
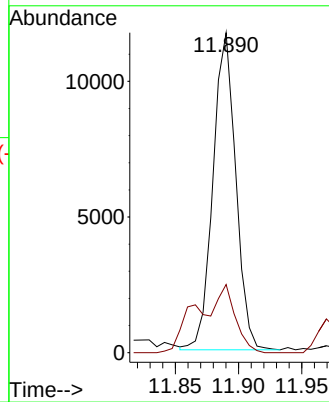
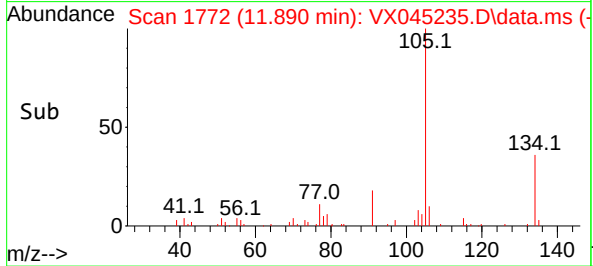
Instrument :
MSVOA_X
ClientSampleId :
MW10



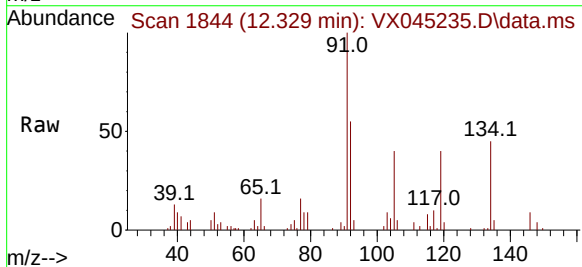
Tgt Ion:105 Resp: 14650
Ion Ratio Lower Upper
105 100
134 17.4 9.8 29.4

Manual Integrations
APPROVED

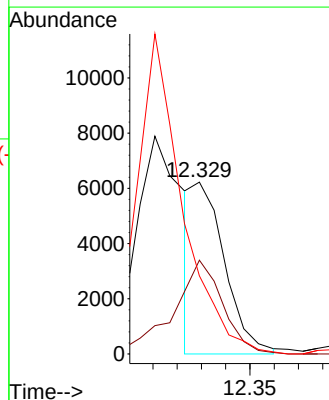
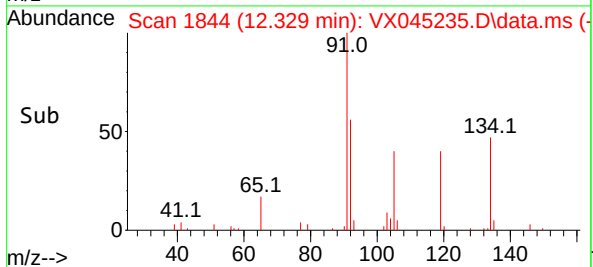
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

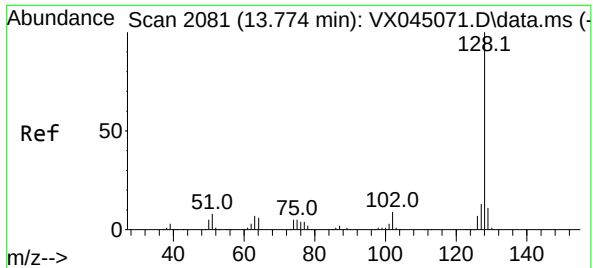


#89
n-Butylbenzene
Concen: 1.893 ug/l m
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25



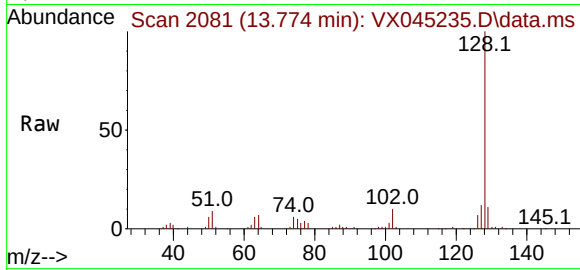
Tgt Ion: 91 Resp: 5677
Ion Ratio Lower Upper
91 100
92 84.7 26.7 80.0#
134 261.7 12.2 36.6#





#95
Naphthalene
Concen: 7.887 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

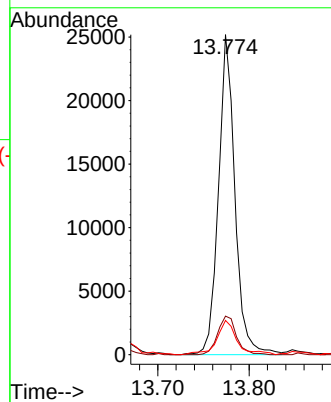
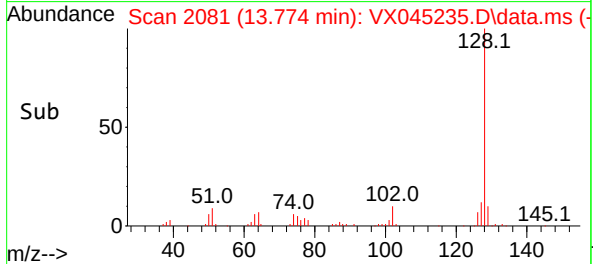
Instrument :
MSVOA_X
ClientSampleId :
MW10



Tgt Ion:128 Resp: 31539
Ion Ratio Lower Upper
128 100
127 13.7 10.3 15.5
129 13.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025





CALIBRATION SUMMARY



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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01
 Lab Code: CHEM Case No.: Q1525 SAS No.: Q1525 SDG No.: Q1525
 Instrument ID: MSVOA_X Calibration Date(s): 02/28/2025 02/28/2025
 Heated Purge: (Y/N) N Calibration Time(s): 01:27 03:47
 GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID:		RRF001 = VX045068.D		RRF005 = VX045069.D		RRF020 = VX045070.D			
		RRF050 = VX045071.D		RRF100 = VX045072.D		RRF150 = VX045073.D			
COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	% RSD	
Chloromethane	0.755	0.821	0.828	0.753	0.721	0.744	0.770	5.7	
Vinyl Chloride	0.773	0.755	0.774	0.761	0.765	0.758	0.764	1	
Bromomethane		0.337	0.298	0.292	0.284	0.291	0.300	7	
Chloroethane	0.373	0.421	0.366	0.373	0.297	0.286	0.352	14.5	
Tert butyl alcohol		0.189	0.161	0.134	0.133	0.136	0.151	16.2	
1,1-Dichloroethene	0.609	0.620	0.612	0.623	0.620	0.603	0.614	1.3	
Acetone	0.414	0.363	0.384	0.351	0.345	0.356	0.369	7	
Carbon Disulfide	1.584	1.582	1.587	1.660	1.708	1.698	1.636	3.6	
Methyl tert-butyl Ether	1.955	1.913	2.127	2.083	2.132	2.158	2.061	5	
Methylene Chloride	0.806	0.730	0.752	0.698	0.694	0.706	0.731	5.8	
trans-1,2-Dichloroethene	0.540	0.619	0.603	0.631	0.634	0.616	0.607	5.7	
1,1-Dichloroethane	1.200	1.223	1.280	1.242	1.270	1.264	1.247	2.5	
2-Butanone	0.476	0.545	0.610	0.579	0.553	0.570	0.555	8.1	
Carbon Tetrachloride	0.463	0.463	0.447	0.468	0.489	0.463	0.465	3	
cis-1,2-Dichloroethene	0.687	0.746	0.765	0.762	0.767	0.769	0.749	4.2	
Chloroform	1.206	1.247	1.278	1.246	1.230	1.225	1.239	2	
1,1,1-Trichloroethane	0.908	0.992	1.009	1.024	1.044	1.025	1.000	4.8	
Benzene	1.321	1.459	1.491	1.496	1.497	1.424	1.448	4.7	
1,2-Dichloroethane	0.487	0.525	0.545	0.528	0.524	0.520	0.521	3.6	
Trichloroethene	0.319	0.351	0.339	0.341	0.354	0.336	0.340	3.7	
1,2-Dichloropropane	0.354	0.378	0.382	0.371	0.376	0.373	0.372	2.7	
Bromodichloromethane	0.478	0.503	0.536	0.524	0.528	0.528	0.516	4.2	
4-Methyl-2-Pentanone	0.535	0.570	0.647	0.610	0.579	0.579	0.587	6.5	
Toluene	0.716	0.872	0.892	0.898	0.874	0.845	0.849	8	
t-1,3-Dichloropropene	0.304	0.389	0.436	0.469	0.490	0.502	0.431	17.3	
cis-1,3-Dichloropropene	0.404	0.463	0.509	0.535	0.555	0.553	0.503	11.8	
1,1,2-Trichloroethane	0.346	0.348	0.371	0.356	0.341	0.336	0.350	3.6	
2-Hexanone	0.349	0.412	0.476	0.448	0.431	0.436	0.425	10.1	
Dibromochloromethane	0.305	0.349	0.390	0.384	0.385	0.380	0.366	9	
Tetrachloroethene	0.315	0.326	0.319	0.324	0.329	0.309	0.320	2.3	

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



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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01
 Lab Code: CHEM Case No.: Q1525 SAS No.: Q1525 SDG No.: Q1525
 Instrument ID: MSVOA_X Calibration Date(s): 02/28/2025 02/28/2025
 Heated Purge: (Y/N) N Calibration Time(s): 01:27 03:47
 GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID:		RRF001 = VX045068.D		RRF005 = VX045069.D		RRF020 = VX045070.D			
		RRF050 = VX045071.D		RRF100 = VX045072.D		RRF150 = VX045073.D			
COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	% RSD	
Chlorobenzene	0.968	1.054	1.090	1.092	1.100	1.045	1.058	4.7	
Ethyl Benzene	1.566	1.794	1.889	1.952	1.972	1.888	1.843	8.1	
m/p-Xylenes	0.555	0.672	0.711	0.724	0.715	0.673	0.675	9.3	
o-Xylene	0.609	0.689	0.702	0.706	0.707	0.670	0.681	5.5	
Styrene	0.879	1.060	1.170	1.181	1.183	1.134	1.101	10.7	
Bromoform	0.209	0.234	0.276	0.276	0.300	0.300	0.266	13.9	
1,1,2,2-Tetrachloroethane	1.395	1.479	1.513	1.419	1.391	1.396	1.432	3.6	
1,2-Dichloroethane-d4		0.836	0.784	0.757	0.783	0.817	0.795	3.9	
Dibromofluoromethane		0.329	0.335	0.329	0.340	0.338	0.334	1.5	
Toluene-d8		1.237	1.191	1.210	1.219	1.203	1.212	1.4	
4-Bromofluorobenzene		0.383	0.393	0.402	0.410	0.421	0.402	3.7	

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

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X022825W.M
 Title : SW846 8260
 Last Update : Fri Feb 28 06:45:16 2025
 Response Via : Initial Calibration

Calibration Files

1 =VX045068.D 5 =VX045069.D 20 =VX045070.D 50 =VX045071.D 100 =VX045072.D 150 =VX045073.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.624	0.646	0.646	0.627	0.626	0.607	0.629	2.38
3) P	Chloromethane	0.755	0.821	0.828	0.753	0.721	0.744	0.770	5.68
4) C	Vinyl Chloride	0.773	0.755	0.774	0.761	0.765	0.758	0.764	1.03#
5) T	Bromomethane		0.337	0.298	0.292	0.284	0.291	0.300	7.01
6) T	Chloroethane	0.373	0.421	0.366	0.373	0.297	0.286	0.352	14.54
7) T	Trichlorofluor...	0.978	1.061	1.050	1.050	0.982	0.948	1.011	4.73
8) T	Diethyl Ether	0.406	0.402	0.409	0.387	0.387	0.383	0.396	2.83
9) T	1,1,2-Trichlor...	0.526	0.613	0.595	0.594	0.596	0.563	0.581	5.41
10) T	Methyl Iodide		0.607	0.758	0.769	0.758	0.739	0.726	9.28
11) T	Tert butyl alc...		0.189	0.161	0.134	0.133	0.136	0.151	16.19
12) CM	1,1-Dichloroet...	0.609	0.620	0.612	0.623	0.620	0.603	0.614	1.27#
13) T	Acrolein		0.162	0.173	0.174	0.178	0.184	0.174	4.53
14) T	Allyl chloride	1.140	1.047	1.104	1.107	1.091	1.072	1.094	2.92
15) T	Acrylonitrile	0.396	0.398	0.432	0.410	0.387	0.399	0.404	3.90
16) T	Acetone	0.414	0.363	0.384	0.351	0.345	0.356	0.369	7.04
17) T	Carbon Disulfide	1.584	1.582	1.587	1.660	1.708	1.698	1.636	3.62
18) T	Methyl Acetate	0.954	0.835	0.903	0.867	0.869	0.899	0.888	4.59
19) T	Methyl tert-bu...	1.955	1.913	2.127	2.083	2.132	2.158	2.061	4.97
20) T	Methylene Chlo...	0.806	0.730	0.752	0.698	0.694	0.706	0.731	5.84
21) T	trans-1,2-Dich...	0.540	0.619	0.603	0.631	0.634	0.616	0.607	5.73
22) T	Diisopropyl ether	1.959	2.156	2.321	2.291	2.310	2.307	2.224	6.46
23) T	Vinyl Acetate	1.486	1.655	1.961	1.973	2.012	2.049	1.856	12.38
24) P	1,1-Dichloroet...	1.200	1.223	1.280	1.242	1.270	1.264	1.247	2.45
25) T	2-Butanone	0.476	0.545	0.610	0.579	0.553	0.570	0.555	8.09
26) T	2,2-Dichloropr...	0.519	0.562	0.588	0.597	0.617	0.626	0.585	6.74
27) T	cis-1,2-Dichlo...	0.687	0.746	0.765	0.762	0.767	0.769	0.749	4.21
28) T	Bromochloromet...	0.557	0.633	0.613	0.603	0.563	0.596	0.594	4.97
29) T	Tetrahydrofuran	0.362	0.376	0.398	0.373	0.361	0.368	0.373	3.61
30) C	Chloroform	1.206	1.247	1.278	1.246	1.230	1.225	1.239	1.97#
31) T	Cyclohexane		1.021	1.087	1.108	1.142	1.052	1.082	4.35
32) T	1,1,1-Trichlor...	0.908	0.992	1.009	1.024	1.044	1.025	1.000	4.83
33) S	1,2-Dichloroet...		0.836	0.784	0.757	0.783	0.817	0.795	3.91
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.329	0.335	0.329	0.340	0.338	0.334	1.53
36) T	1,1-Dichloropr...	0.446	0.462	0.444	0.469	0.476	0.455	0.459	2.77
37) T	Ethyl Acetate	0.589	0.538	0.607	0.606	0.609	0.596	0.591	4.53
38) T	Carbon Tetrach...	0.463	0.463	0.447	0.468	0.489	0.463	0.465	2.96
39) T	Methylcyclohexane	0.464	0.530	0.560	0.585	0.607	0.550	0.549	9.07
40) TM	Benzene	1.321	1.459	1.491	1.496	1.497	1.424	1.448	4.72
41) T	Methacrylonitrile	0.284	0.293	0.337	0.340	0.332	0.330	0.319	7.59
42) TM	1,2-Dichloroet...	0.487	0.525	0.545	0.528	0.524	0.520	0.521	3.63
43) T	Isopropyl Acetate	0.675	0.800	0.940	0.929	0.935	0.964	0.874	12.98
44) TM	Trichloroethene	0.319	0.351	0.339	0.341	0.354	0.336	0.340	3.72
45) C	1,2-Dichloropr...	0.354	0.378	0.382	0.371	0.376	0.373	0.372	2.68#
46) T	Dibromomethane	0.236	0.265	0.272	0.269	0.269	0.268	0.263	5.10
47) T	Bromodichlorom...	0.478	0.503	0.536	0.524	0.528	0.528	0.516	4.23
48) T	Methyl methacr...	0.352	0.422	0.460	0.463	0.458	0.475	0.438	10.46
49) T	1,4-Dioxane	0.008	0.009	0.010	0.009	0.009	0.009	0.009	6.46
50) S	Toluene-d8		1.237	1.191	1.210	1.219	1.203	1.212	1.43
51) T	4-Methyl-2-Pen...	0.535	0.570	0.647	0.610	0.579	0.579	0.587	6.52
52) CM	Toluene	0.716	0.872	0.892	0.898	0.874	0.845	0.849	8.03#
53) T	t-1,3-Dichloro...	0.304	0.389	0.436	0.469	0.490	0.502	0.431	17.30
54) T	cis-1,3-Dichlo...	0.404	0.463	0.509	0.535	0.555	0.553	0.503	11.80
55) T	1,1,2-Trichlor...	0.346	0.348	0.371	0.356	0.341	0.336	0.350	3.63
56) T	Ethyl methacry...	0.396	0.500	0.562	0.570	0.577	0.586	0.532	13.74

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X022825W.M

57)	T	1,3-Dichloropr...	0.560	0.623	0.643	0.620	0.597	0.588	0.605	4.90
58)	T	2-Chloroethyl ...	0.218	0.239	0.271	0.284	0.273	0.270	0.259	9.71
59)	T	2-Hexanone	0.349	0.412	0.476	0.448	0.431	0.436	0.425	10.08
60)	T	Dibromochlorom...	0.305	0.349	0.390	0.384	0.385	0.380	0.366	9.01
61)	T	1,2-Dibromoethane	0.311	0.352	0.371	0.356	0.355	0.350	0.349	5.73
62)	S	4-Bromofluorob...	0.383	0.393	0.402	0.410	0.421	0.402		3.67
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.315	0.326	0.319	0.324	0.329	0.309	0.320	2.33
65)	PM	Chlorobenzene	0.968	1.054	1.090	1.092	1.100	1.045	1.058	4.68
66)	T	1,1,1,2-Tetrac...	0.337	0.331	0.357	0.356	0.372	0.362	0.352	4.39
67)	C	Ethyl Benzene	1.566	1.794	1.889	1.952	1.972	1.888	1.843	8.11#
68)	T	m/p-Xylenes	0.555	0.672	0.711	0.724	0.715	0.673	0.675	9.27
69)	T	o-Xylene	0.609	0.689	0.702	0.706	0.707	0.670	0.681	5.52
70)	T	Styrene	0.879	1.060	1.170	1.181	1.183	1.134	1.101	10.75
71)	P	Bromoform	0.209	0.234	0.276	0.276	0.300	0.300	0.266	13.94
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.397	4.034	3.999	4.135	4.006	3.845	3.903	6.79
74)	T	N-amyl acetate	1.349	1.578	1.890	1.977	2.078	2.116	1.831	16.62
75)	P	1,1,2,2-Tetrac...	1.395	1.479	1.513	1.419	1.391	1.396	1.432	3.60
76)	T	1,2,3-Trichlor...	1.181	1.201	1.193	1.147	1.131	1.130	1.164	2.73
77)	T	Bromobenzene	0.899	0.947	0.939	0.939	0.910	0.891	0.921	2.57
78)	T	n-propylbenzene	3.451	4.375	4.577	4.805	4.696	4.548	4.409	11.14
79)	T	2-Chlorotoluene	2.788	2.888	2.828	2.869	2.770	2.702	2.808	2.45
80)	T	1,3,5-Trimethy...	2.611	3.211	3.373	3.384	3.224	3.131	3.156	9.01
81)	T	trans-1,4-Dich...	0.268	0.313	0.339	0.376	0.405	0.340		15.78
82)	T	4-Chlorotoluene	2.800	3.015	3.078	3.234	3.140	3.092	3.060	4.80
83)	T	tert-Butylbenzene	3.029	3.256	3.342	3.375	3.292	3.160	3.242	3.96
84)	T	1,2,4-Trimethy...	2.646	3.202	3.380	3.378	3.258	3.188	3.175	8.57
85)	T	sec-Butylbenzene	3.000	3.847	4.137	4.215	4.125	3.978	3.884	11.65
86)	T	p-Isopropyltol...	2.511	2.986	3.266	3.424	3.369	3.275	3.139	10.91
87)	T	1,3-Dichlorobe...	1.502	1.652	1.710	1.668	1.675	1.649	1.643	4.40
88)	T	1,4-Dichlorobe...	1.605	1.702	1.665	1.687	1.669	1.643	1.662	2.06
89)	T	n-Butylbenzene	1.905	2.359	2.788	3.013	3.099	3.057	2.703	17.67
90)	T	Hexachloroethane	0.470	0.498	0.568	0.605	0.633	0.633	0.568	12.30
91)	T	1,2-Dichlorobe...	1.479	1.695	1.735	1.668	1.687	1.622	1.648	5.50
92)	T	1,2-Dibromo-3-...	0.237	0.243	0.285	0.289	0.300	0.320	0.279	11.64
93)	T	1,2,4-Trichlor...	0.668	0.821	0.978	1.009	1.074	1.080	0.938	17.32
94)	T	Hexachlorobuta...	0.356	0.369	0.390	0.392	0.406	0.395	0.385	4.77
95)	T	Naphthalene	2.573	3.115	3.866	3.902	4.091	4.082	3.605	17.21
96)	T	1,2,3-Trichlor...	0.747	0.897	1.032	1.059	1.107	1.096	0.990	14.23

(#) = Out of Range

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
 Data File : VX045068.D
 Acq On : 28 Feb 2025 01:27
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Feb 28 06:28:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:18:23 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	102761	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	188642	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	159886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64845	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	74 - 125	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	86 - 113	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	77 - 121	Recovery	=	0.000%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	1282	1.007	ug/l	90
3) Chloromethane	1.301	50	1552	0.975	ug/l	91
4) Vinyl Chloride	1.368	62	1588	1.008	ug/l #	85
6) Chloroethane	1.673	64	766m	0.992	ug/l	
7) Trichlorofluoromethane	1.880	101	2011	0.957	ug/l	97
8) Diethyl Ether	2.130	74	835	1.045	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.319	101	1081	0.884	ug/l	87
12) 1,1-Dichloroethene	2.313	96	1251	0.991	ug/l	92
14) Allyl chloride	2.660	41	2343	1.055	ug/l	93
15) Acrylonitrile	3.075	53	4067	4.931	ug/l	99
16) Acetone	2.380	43	4259	5.635	ug/l	100
17) Carbon Disulfide	2.502	76	3256	0.956	ug/l #	92
18) Methyl Acetate	2.703	43	1960	1.066	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	4017	0.943	ug/l	91
20) Methylene Chloride	2.782	84	1656	1.095	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	1109	0.869	ug/l	91
22) Diisopropyl ether	3.764	45	4026	0.871	ug/l #	80
23) Vinyl Acetate	3.727	43	15271	3.971	ug/l	97
24) 1,1-Dichloroethane	3.605	63	2467	0.958	ug/l #	83
25) 2-Butanone	4.587	43	4894	4.252	ug/l	96
26) 2,2-Dichloropropane	4.471	77	1066	0.872	ug/l #	56
27) cis-1,2-Dichloroethene	4.501	96	1412	0.902	ug/l #	19
28) Bromochloromethane	4.885	49	1144	0.958	ug/l #	54
29) Tetrahydrofuran	5.032	42	3719	4.809	ug/l #	34
30) Chloroform	5.093	83	2478	0.978	ug/l	92
32) 1,1,1-Trichloroethane	5.373	97	1867	0.893	ug/l #	52
36) 1,1-Dichloropropene	5.690	75	1681	0.967	ug/l #	84
37) Ethyl Acetate	4.739	43	2223m	0.988	ug/l	
38) Carbon Tetrachloride	5.672	117	1747m	0.987	ug/l	
39) Methylcyclohexane	7.385	83	1750	0.831	ug/l	88
40) Benzene	6.031	78	4984	0.907	ug/l	99
41) Methacrylonitrile	4.958	41	1072m	0.879	ug/l	
42) 1,2-Dichloroethane	6.099	62	1837	0.924	ug/l	78
43) Isopropyl Acetate	6.355	43	2545	0.767	ug/l #	95
44) Trichloroethene	7.129	130	1202	0.933	ug/l	65
45) 1,2-Dichloropropane	7.434	63	1334	0.971	ug/l #	82

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 Data File : VX045068.D
 Acq On : 28 Feb 2025 01:27
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Manual Integrations
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Reviewed By : John Carlone 02/28/2025
 Supervised By : Mahesh Dadoda 02/28/2025

Quant Time: Feb 28 06:28:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:18:23 2025
 Response via : Initial Calibration

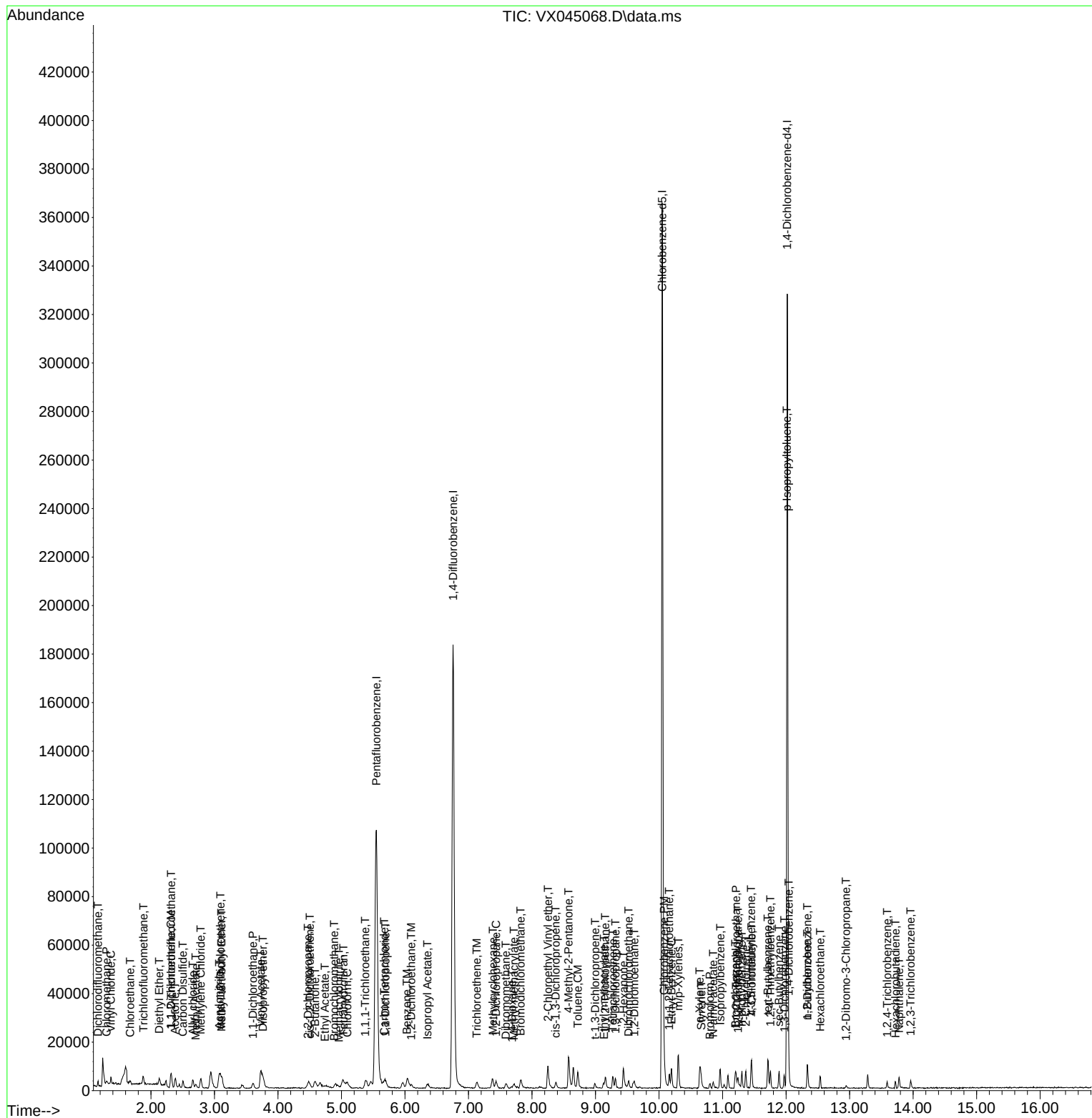
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.586	93	891	0.897	ug/l	92
47) Bromodichloromethane	7.818	83	1802	0.927	ug/l #	85
48) Methyl methacrylate	7.714	41	1328m	0.825	ug/l	
49) 1,4-Dioxane	7.684	88	639	18.144	ug/l #	81
51) 4-Methyl-2-Pentanone	8.574	43	10091	4.567	ug/l	95
52) Toluene	8.720	92	2700	0.841	ug/l	97
53) t-1,3-Dichloropropene	8.994	75	1147	0.700	ug/l #	85
54) cis-1,3-Dichloropropene	8.373	75	1525	0.804	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	1306	1.004	ug/l #	90
56) Ethyl methacrylate	9.135	69	1494	0.748	ug/l #	93
57) 1,3-Dichloropropane	9.311	76	2112	0.920	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.251	63	4115	4.320	ug/l	95
59) 2-Hexanone	9.439	43	6582	4.153	ug/l	96
60) Dibromochloromethane	9.519	129	1152	0.835	ug/l	98
61) 1,2-Dibromoethane	9.610	107	1174	0.890	ug/l	97
64) Tetrachloroethene	9.275	164	1006	0.986	ug/l #	88
65) Chlorobenzene	10.080	112	3094	0.908	ug/l	90
66) 1,1,1,2-Tetrachloroethane	10.159	131	1078	0.978	ug/l #	65
67) Ethyl Benzene	10.195	91	5008	0.846	ug/l #	85
68) m/p-Xylenes	10.305	106	3552	1.630	ug/l	97
69) o-Xylene	10.640	106	1949	0.891	ug/l	95
70) Styrene	10.665	104	2810	0.802	ug/l	97
71) Bromoform	10.799	173	667	0.768	ug/l #	92
73) Isopropylbenzene	10.964	105	4405	0.858	ug/l	96
74) N-amyl acetate	10.854	43	1750	0.732	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.213	83	1809	0.954	ug/l	88
76) 1,2,3-Trichloropropane	11.244	75	1531m	1.015	ug/l	
77) Bromobenzene	11.201	156	1166	0.972	ug/l	91
78) n-propylbenzene	11.305	91	4475	0.773	ug/l	97
79) 2-Chlorotoluene	11.366	91	3616	0.986	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	3386	0.815	ug/l	94
82) 4-Chlorotoluene	11.457	91	3631	0.904	ug/l	99
83) tert-Butylbenzene	11.713	119	3928	0.929	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	3432	0.827	ug/l	95
85) sec-Butylbenzene	11.890	105	3891	0.752	ug/l	100
86) p-Isopropyltoluene	12.012	119	3257	0.797	ug/l	94
87) 1,3-Dichlorobenzene	11.976	146	1948	0.913	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	2082m	0.962	ug/l	
89) n-Butylbenzene	12.335	91	2470	0.691	ug/l	93
90) Hexachloroethane	12.536	117	609	0.805	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	1918	0.890	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	308	0.859	ug/l	82
93) 1,2,4-Trichlorobenzene	13.591	180	866	0.706	ug/l	93
94) Hexachlorobutadiene	13.725	225	462	0.917	ug/l	94
95) Naphthalene	13.780	128	3337	0.707	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.963	180	969	0.759	ug/l	93

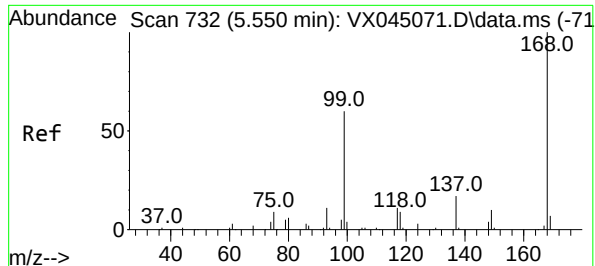
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025





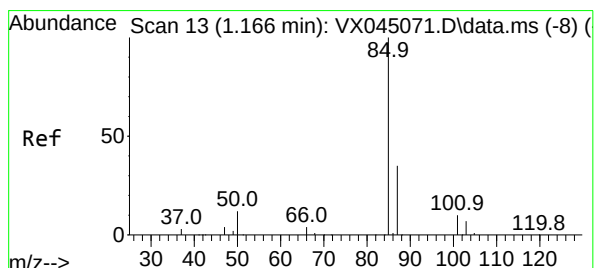
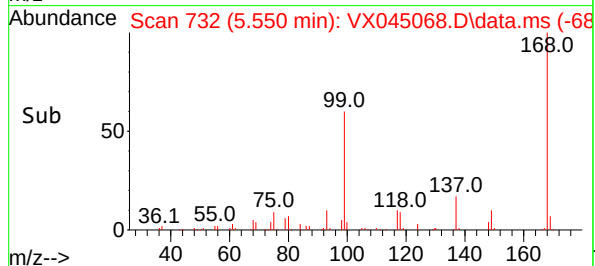
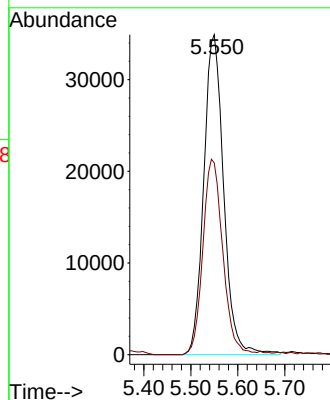
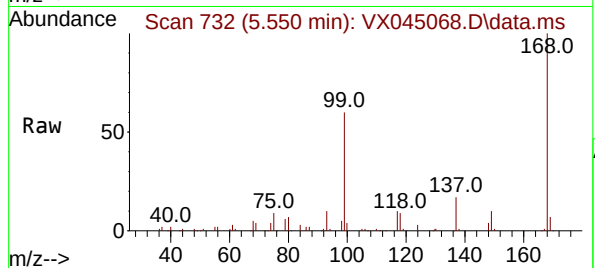
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Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:168 Resp: 10276
Ion Ratio Lower Upper
168 100
99 59.9 48.2 72.4

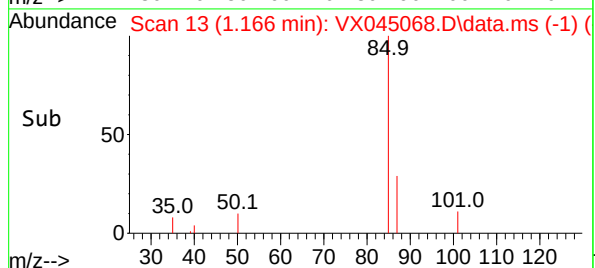
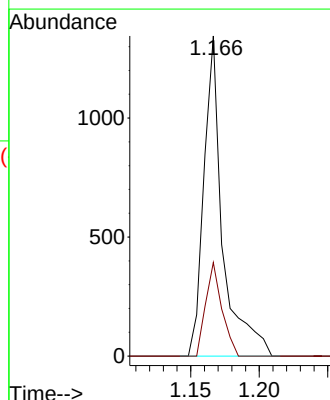
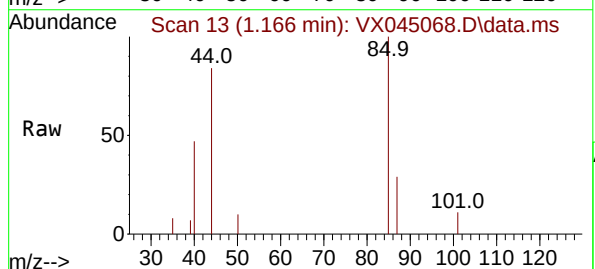
Manual Integrations
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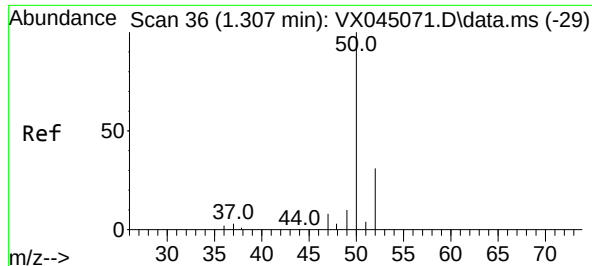
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#2
Dichlorodifluoromethane
Concen: 1.007 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 85 Resp: 1282
Ion Ratio Lower Upper
85 100
87 29.2 17.4 52.3





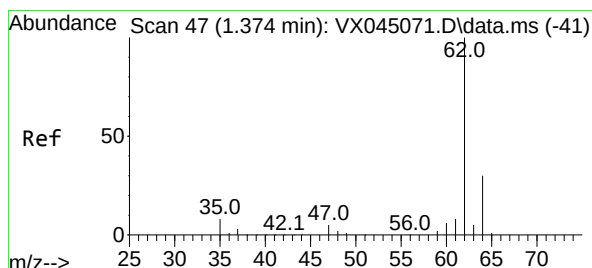
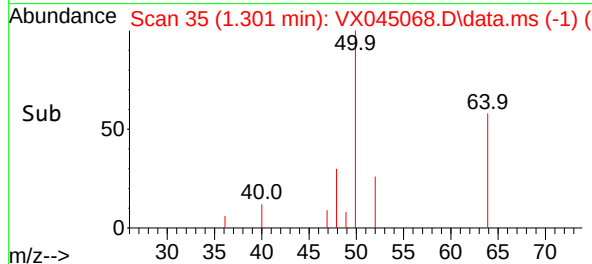
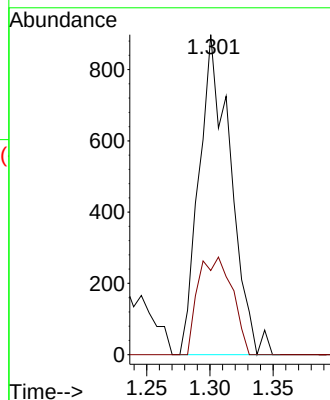
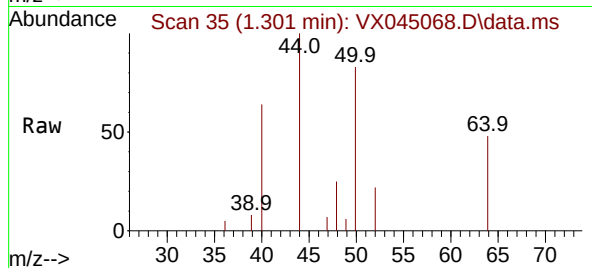
#3
Chloromethane
Concen: 0.975 ug/l
RT: 1.301 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 50 Resp: 1552
Ion Ratio Lower Upper
50 100
52 26.3 25.0 37.4

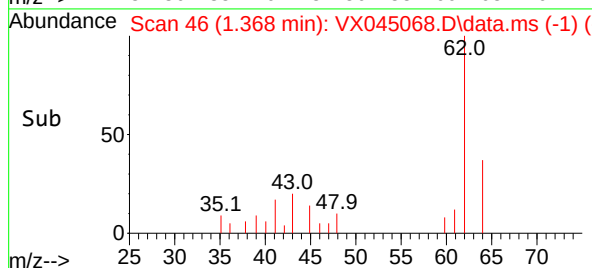
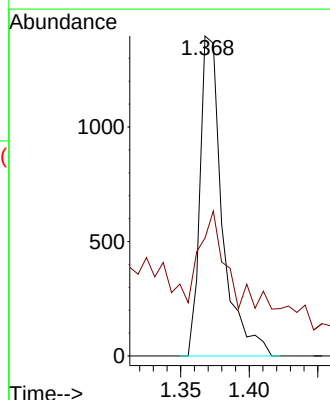
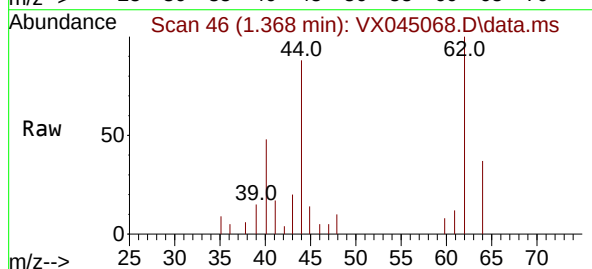
Manual Integrations
APPROVED

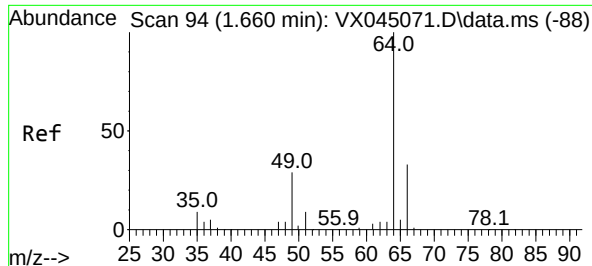
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#4
Vinyl Chloride
Concen: 1.008 ug/l
RT: 1.368 min Scan# 46
Delta R.T. -0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

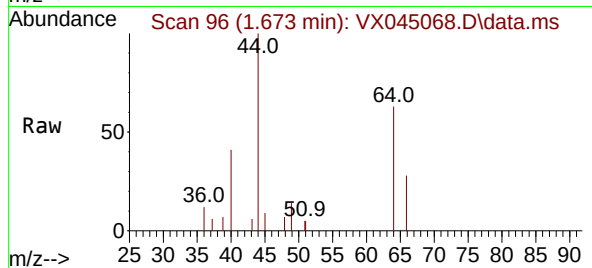
Tgt Ion: 62 Resp: 1588
Ion Ratio Lower Upper
62 100
64 22.0 24.3 36.5#





#6
Chloroethane
Concen: 0.992 ug/l m
RT: 1.673 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

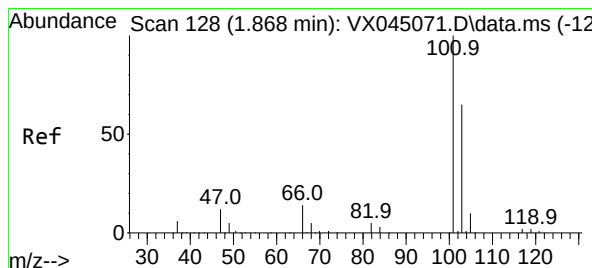
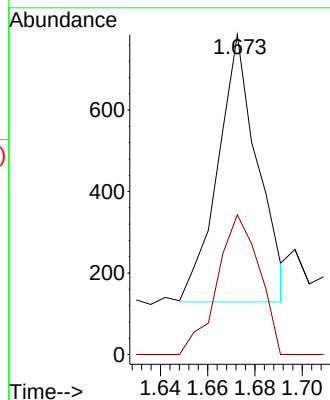
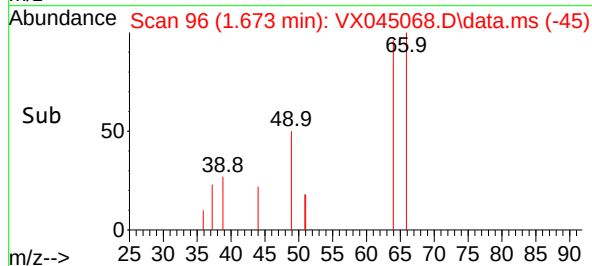
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion: 64 Resp: 760
Ion Ratio Lower Upper
64 100
66 43.7 26.7 40.1

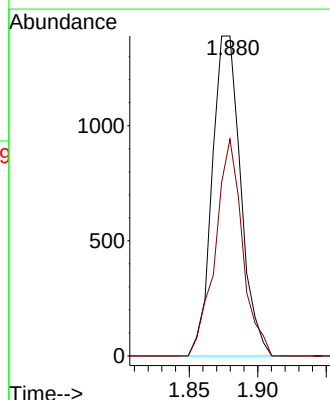
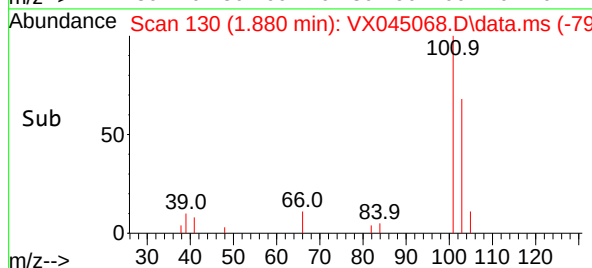
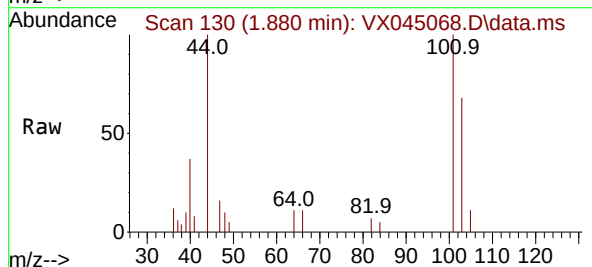
Manual Integrations
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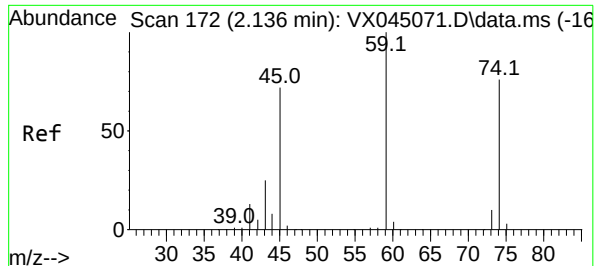
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#7
Trichlorofluoromethane
Concen: 0.957 ug/l
RT: 1.880 min Scan# 130
Delta R.T. 0.012 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

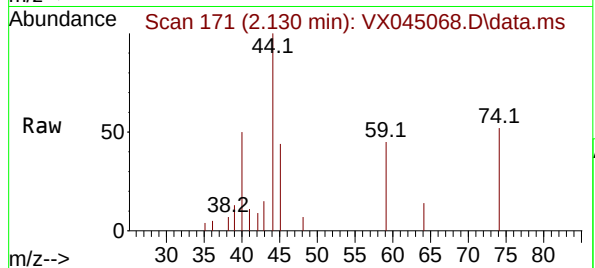
Tgt Ion:101 Resp: 2011
Ion Ratio Lower Upper
101 100
103 67.8 52.1 78.1





#8
Diethyl Ether
Concen: 1.045 ug/l
RT: 2.130 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

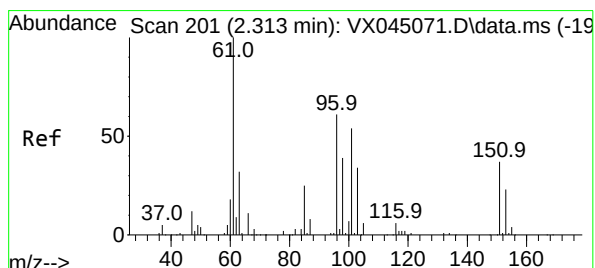
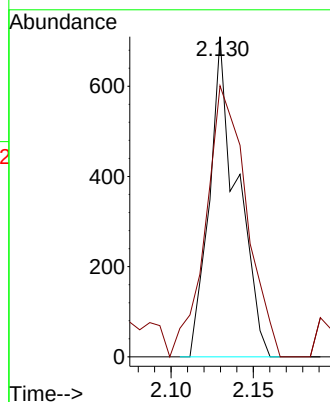
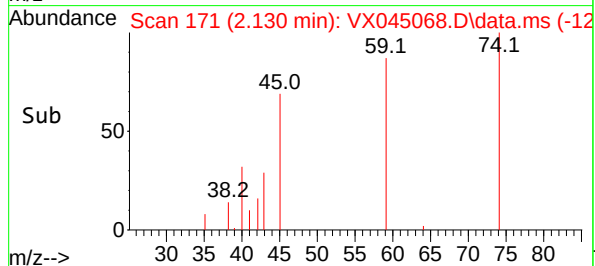
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion: 74 Resp: 839
Ion Ratio Lower Upper
74 100
45 123.5 51.5 154.5

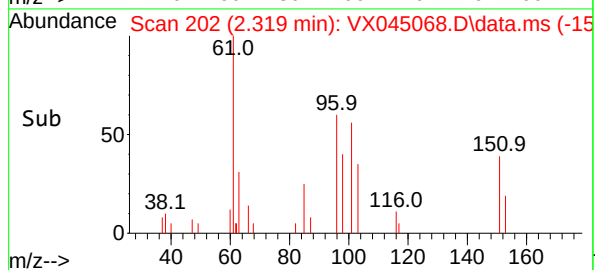
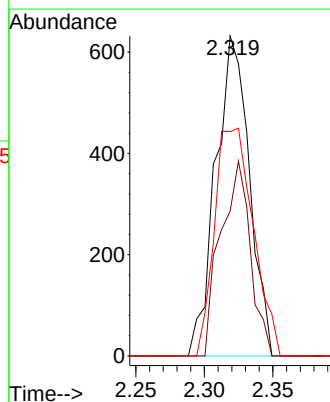
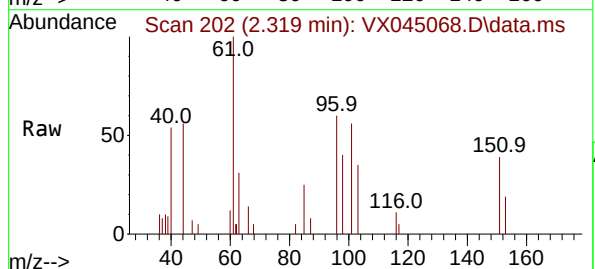
Manual Integrations
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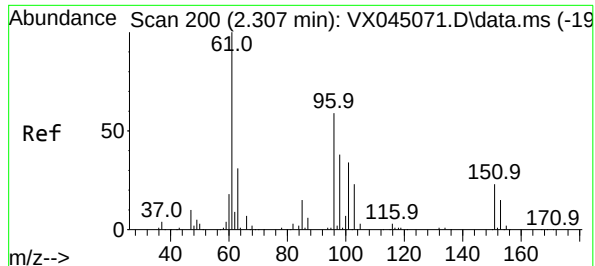
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.884 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:101 Resp: 1081
Ion Ratio Lower Upper
101 100
85 53.7 36.2 54.4
151 81.9 56.4 84.6





#12

1,1-Dichloroethene

Concen: 0.991 ug/l

RT: 2.313 min Scan# 200

Delta R.T. 0.006 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 96 Resp: 125

Ion Ratio Lower Upper

96 100

61 157.4 134.6 202.0

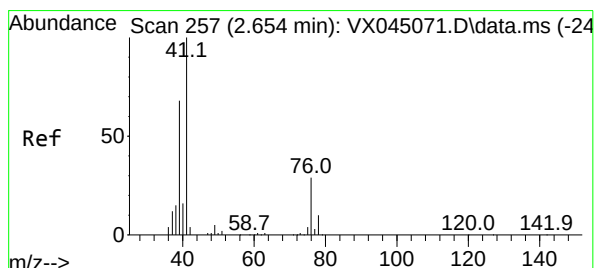
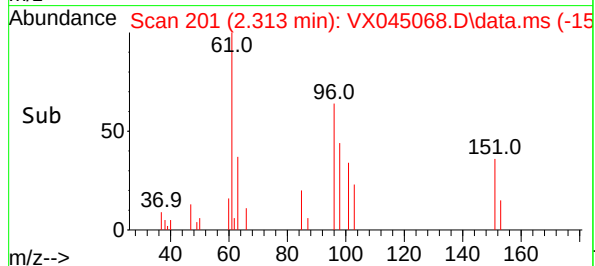
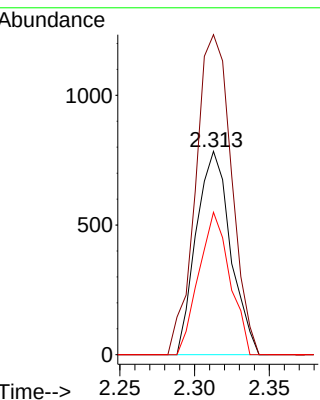
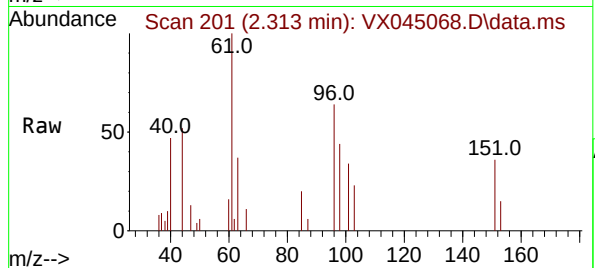
98 70.0 51.0 76.6

Manual Integrations

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Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#14

Allyl chloride

Concen: 1.055 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.006 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

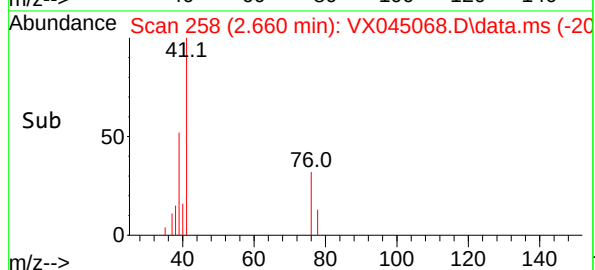
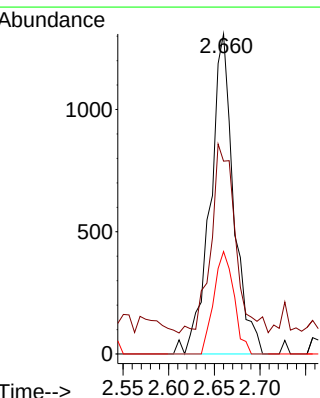
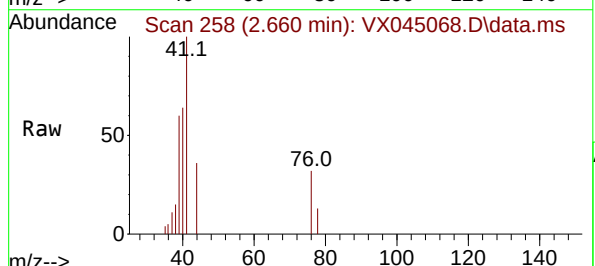
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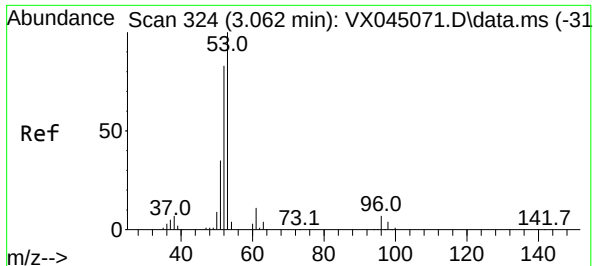
Ion Ratio Lower Upper

41 100

39 62.3 53.8 80.8

76 27.4 25.2 37.8





#15

Acrylonitrile

Concen: 4.931 ug/l

RT: 3.075 min Scan# 31

Delta R.T. 0.012 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

Tgt Ion:	53	Resp:	406
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.2	99.2
51	34.6	29.0	43.4

Instrument :

MSVOA_X

ClientSampleId :

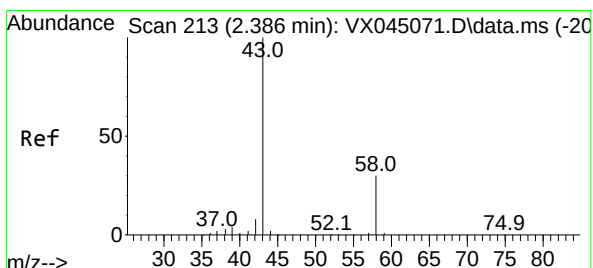
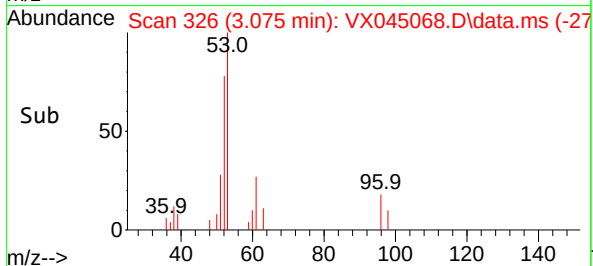
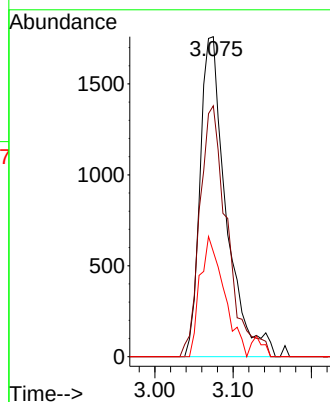
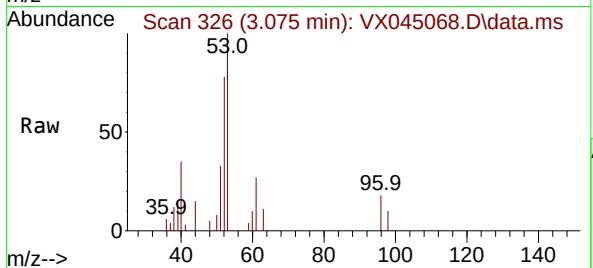
VSTDICC001

Manual Integrations

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Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#16

Acetone

Concen: 5.635 ug/l

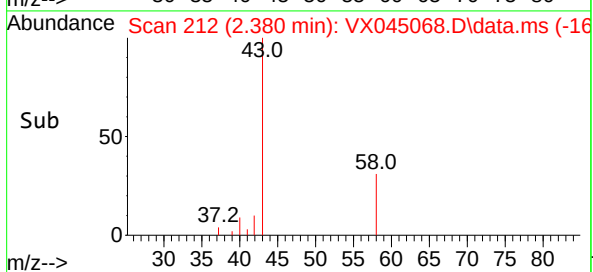
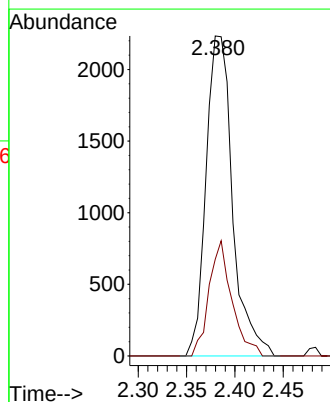
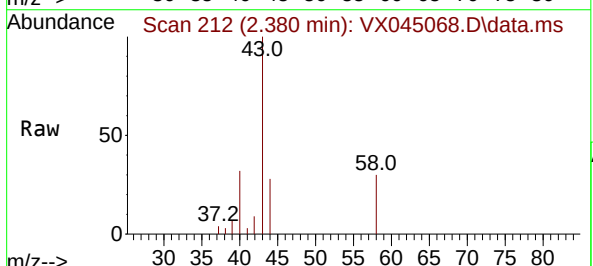
RT: 2.380 min Scan# 212

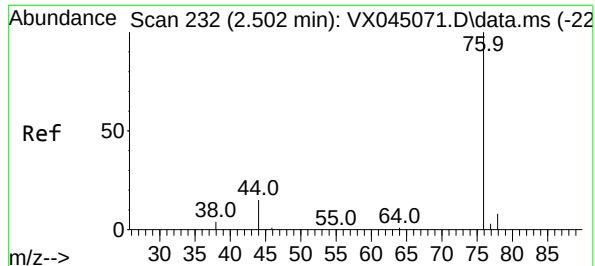
Delta R.T. -0.006 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

Tgt Ion:	43	Resp:	4259
Ion	Ratio	Lower	Upper
43	100		
58	30.2	24.2	36.4





#17

Carbon Disulfide

Concen: 0.956 ug/l

RT: 2.502 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 76 Resp: 3250

Ion Ratio Lower Upper

76 100

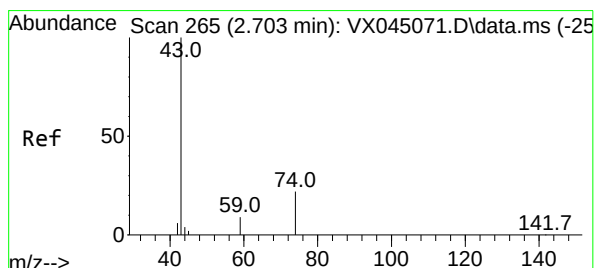
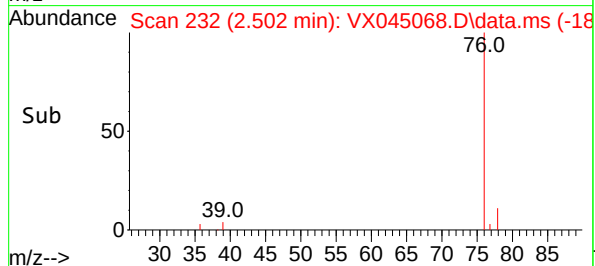
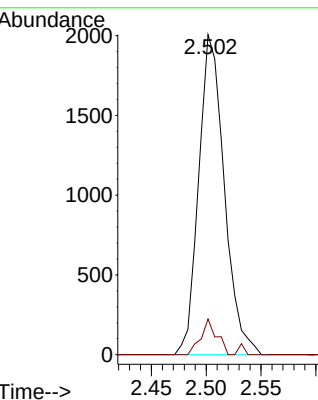
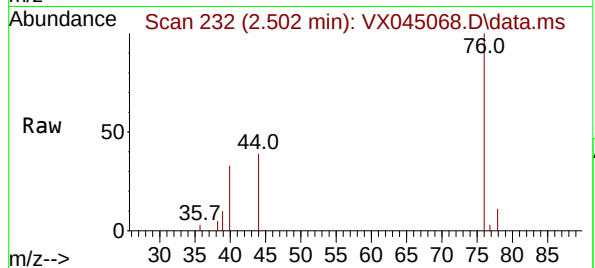
78 11.2 6.6 9.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#18

Methyl Acetate

Concen: 1.066 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX045068.D

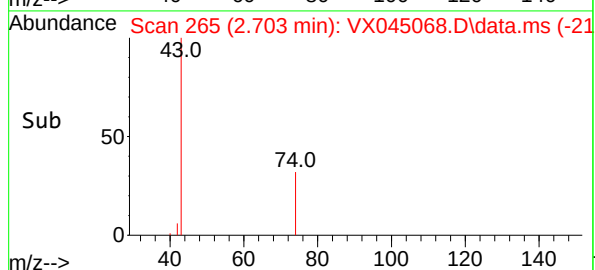
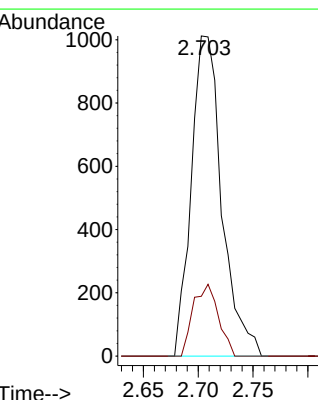
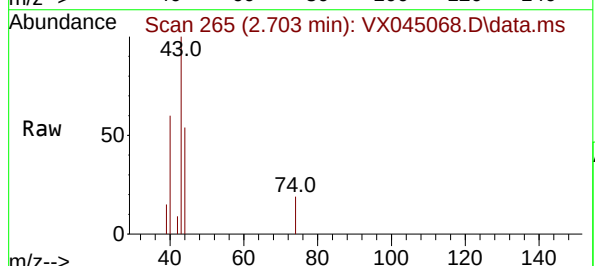
Acq: 28 Feb 2025 01:27

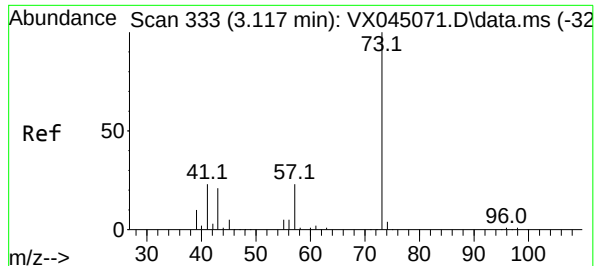
Tgt Ion: 43 Resp: 1960

Ion Ratio Lower Upper

43 100

74 18.5 17.4 26.2





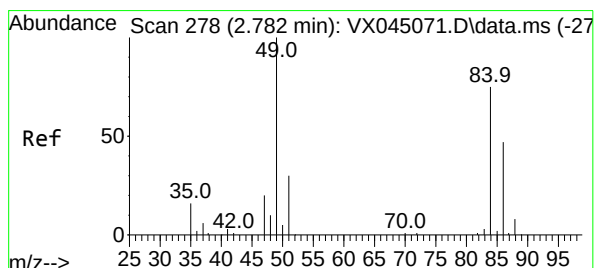
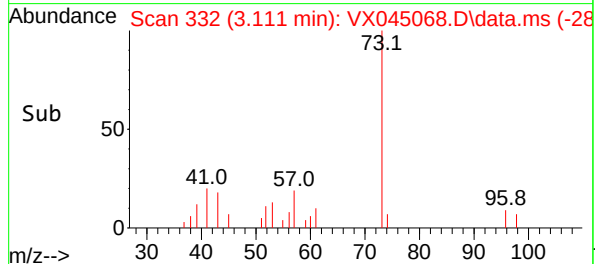
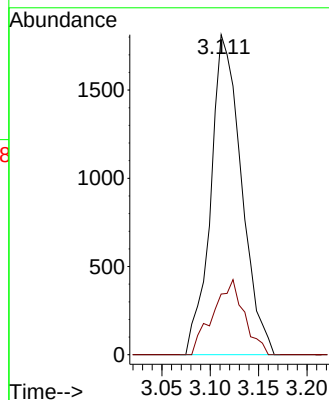
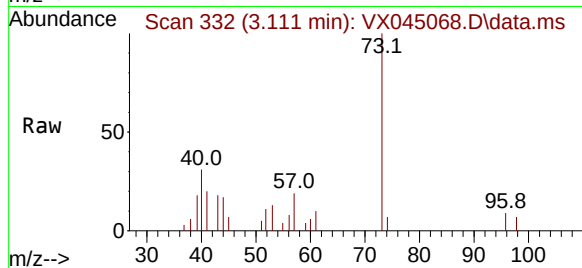
#19
Methyl tert-butyl Ether
Concen: 0.943 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 73 Resp: 401
Ion Ratio Lower Upper
73 100
57 19.0 18.5 27.7

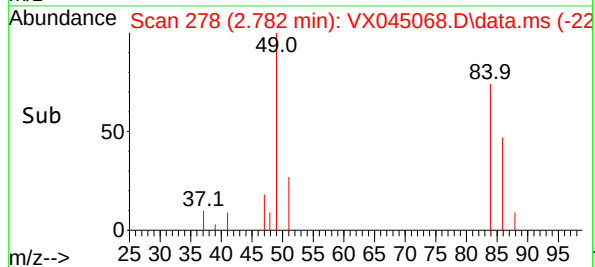
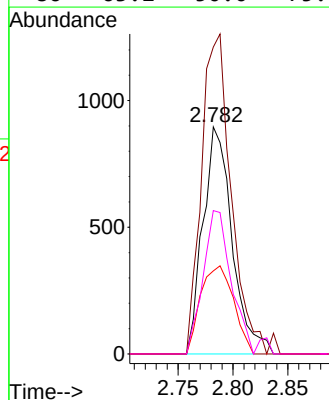
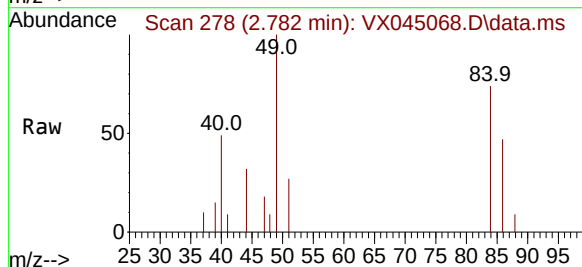
Manual Integrations
APPROVED

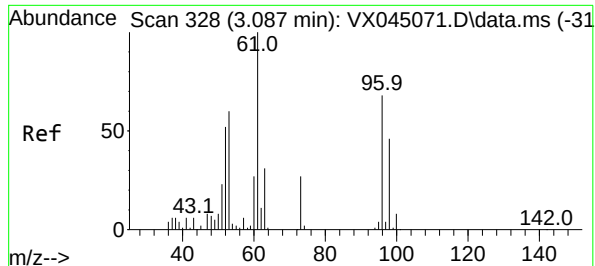
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#20
Methylene Chloride
Concen: 1.095 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 84 Resp: 1656
Ion Ratio Lower Upper
84 100
49 135.2 106.5 159.7
51 36.6 32.1 48.1
86 63.2 50.0 75.0





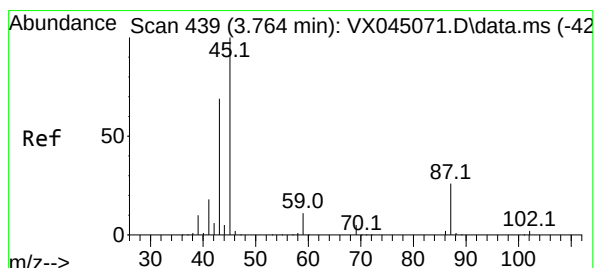
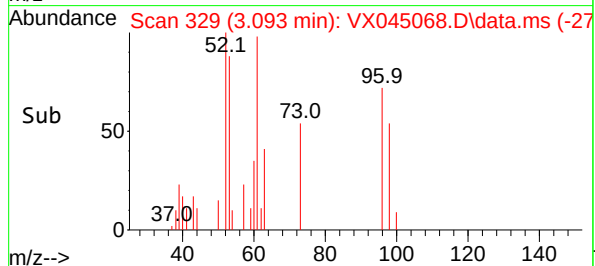
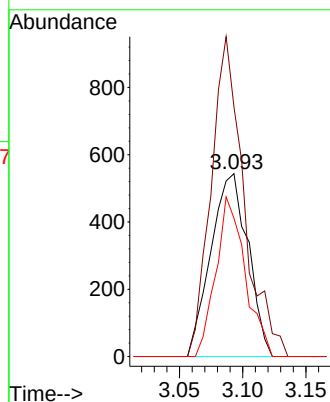
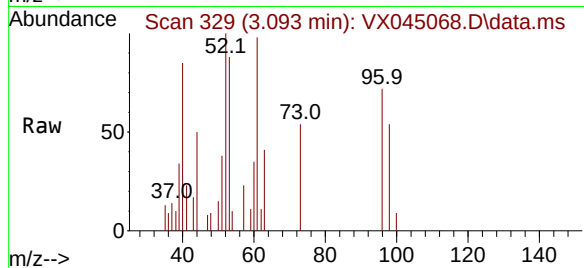
#21
trans-1,2-Dichloroethene
Concen: 0.869 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 96 Resp: 1109
Ion Ratio Lower Upper
96 100
61 136.4 117.0 175.4
98 75.6 53.4 80.2

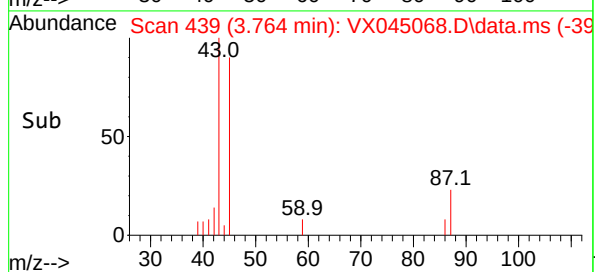
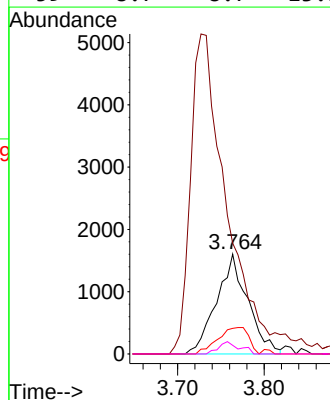
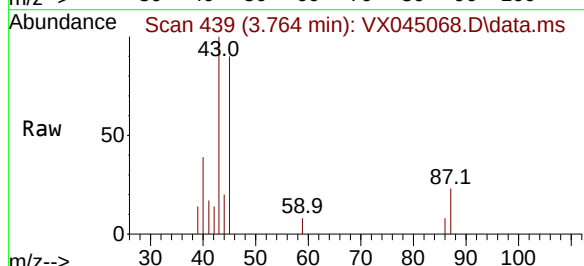
Manual Integrations
APPROVED

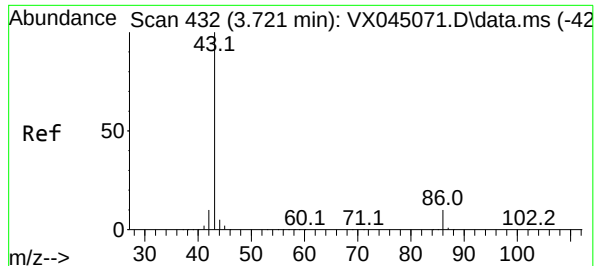
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#22
Diisopropyl ether
Concen: 0.871 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 45 Resp: 4026
Ion Ratio Lower Upper
45 100
43 91.9 54.9 82.3#
87 25.6 21.0 31.4
59 8.7 8.7 13.1





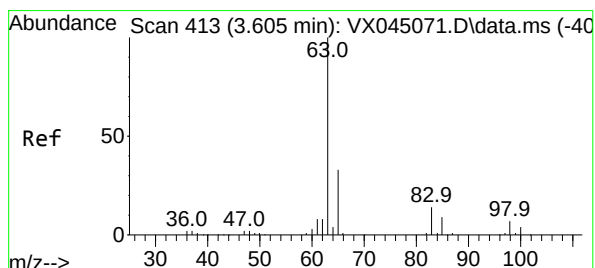
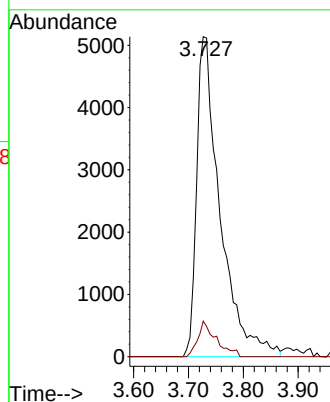
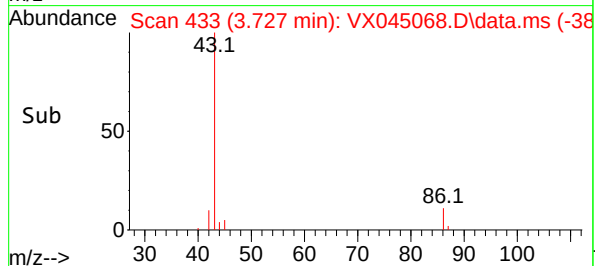
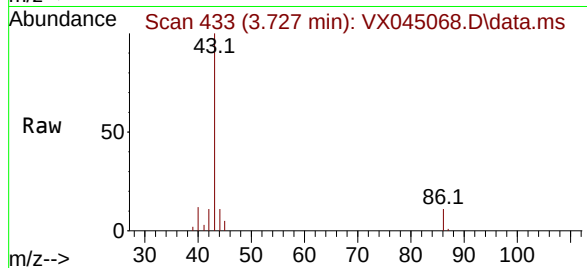
#23
Vinyl Acetate
Concen: 3.971 ug/l
RT: 3.727 min Scan# 413
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 1527
Ion Ratio Lower Upper
43 100
86 11.1 8.1 12.1

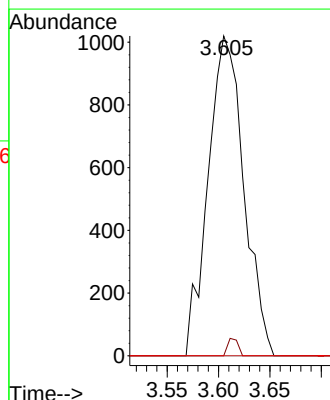
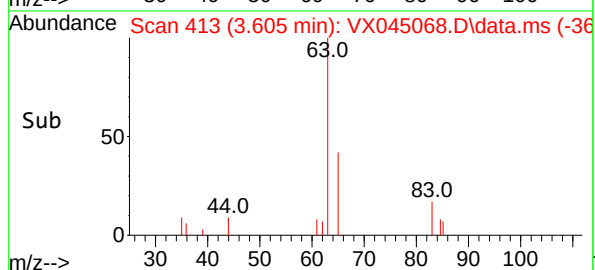
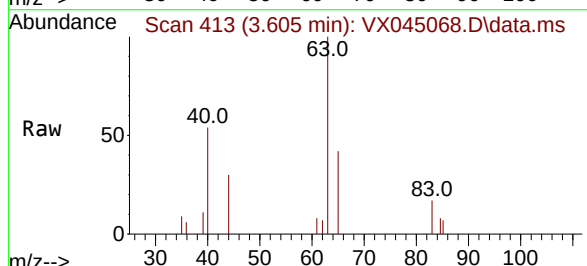
Manual Integrations
APPROVED

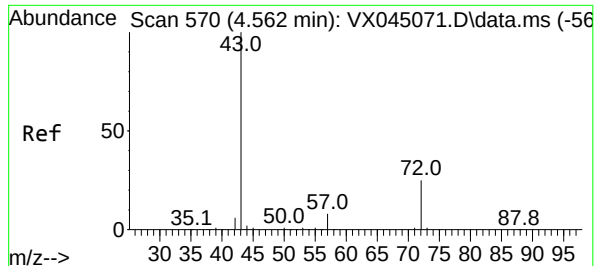
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#24
1,1-Dichloroethane
Concen: 0.958 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

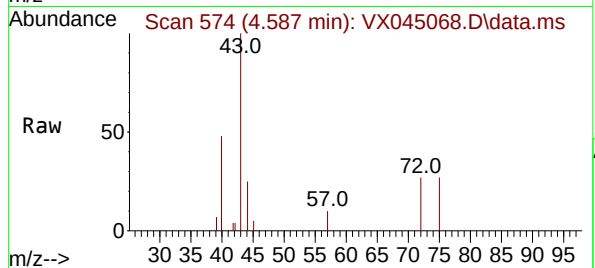
Tgt Ion: 63 Resp: 2467
Ion Ratio Lower Upper
63 100
98 0.0 3.4 10.2#
100 0.0 2.1 6.5#





#25
2-Butanone
Concen: 4.252 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.024 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

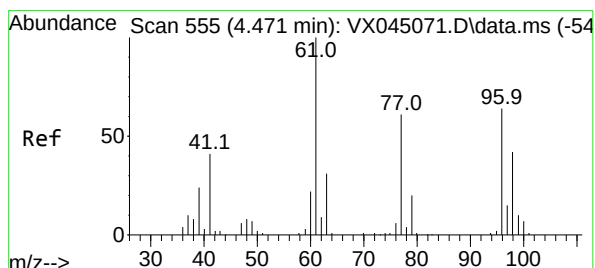
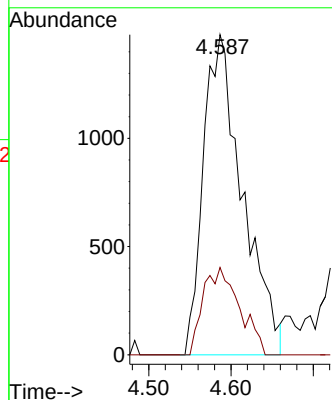
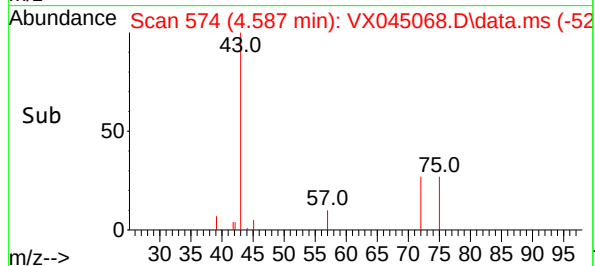
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion: 43 Resp: 4894
Ion Ratio Lower Upper
43 100
72 27.2 20.0 30.0

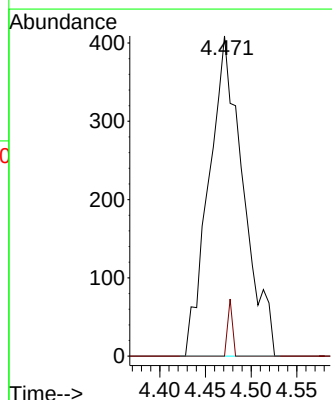
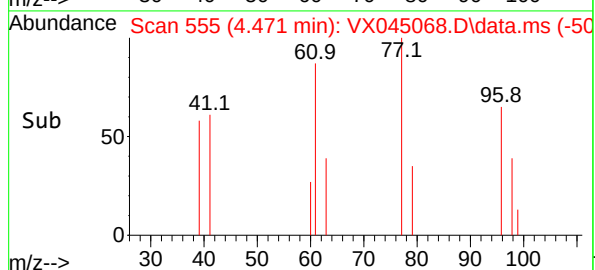
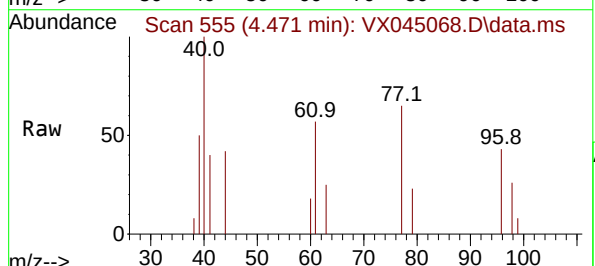
Manual Integrations
APPROVED

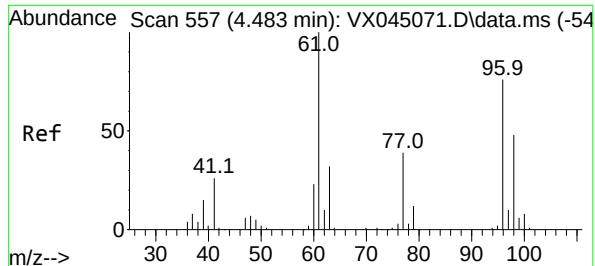
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#26
2,2-Dichloropropane
Concen: 0.872 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 77 Resp: 1066
Ion Ratio Lower Upper
77 100
97 2.5 12.4 37.0#





#27

cis-1,2-Dichloroethene

Concen: 0.902 ug/l

RT: 4.501 min Scan# 557

Delta R.T. 0.018 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 96 Resp: 141

Ion Ratio Lower Upper

96 100

61 0.0 0.0 283.2

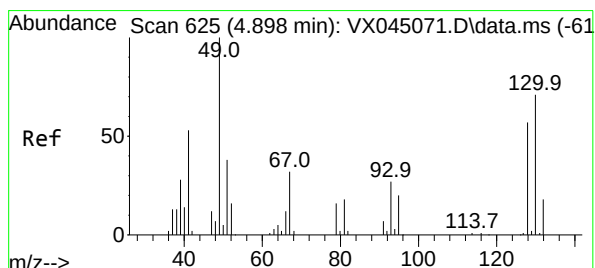
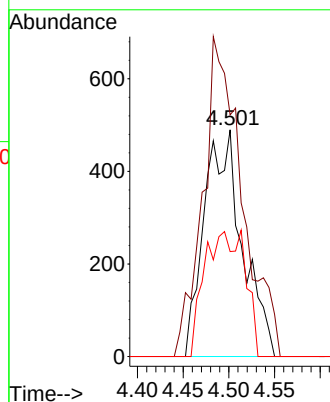
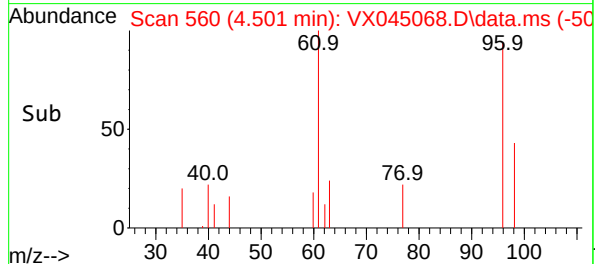
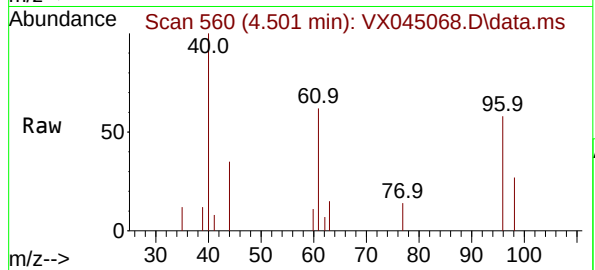
98 59.1 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#28

Bromochloromethane

Concen: 0.958 ug/l

RT: 4.885 min Scan# 623

Delta R.T. -0.012 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

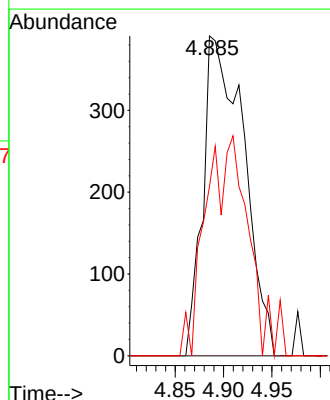
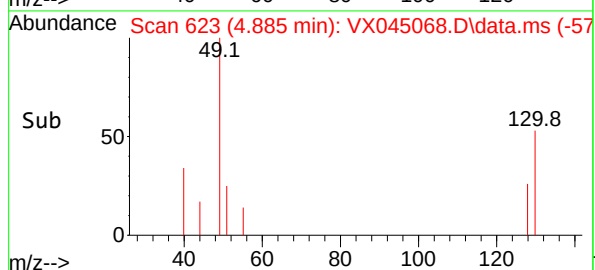
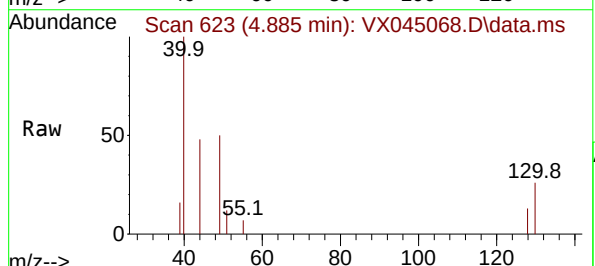
Tgt Ion: 49 Resp: 1144

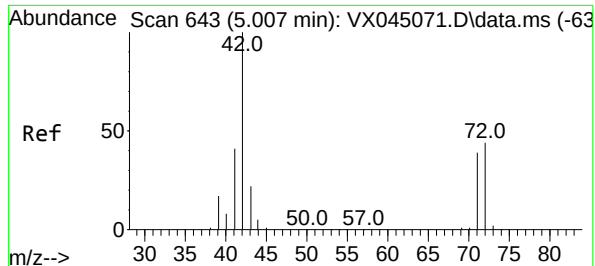
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.4

130 31.5 56.1 84.1#





#29

Tetrahydrofuran

Concen: 4.809 ug/l

RT: 5.032 min Scan# 64

Delta R.T. 0.024 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

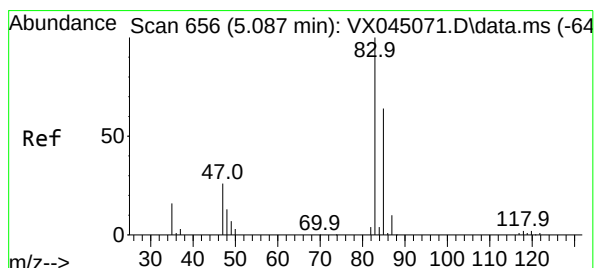
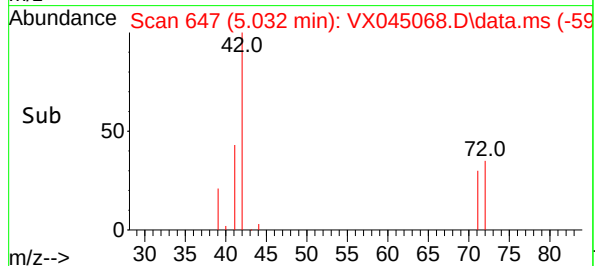
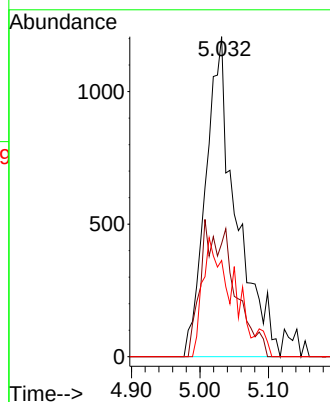
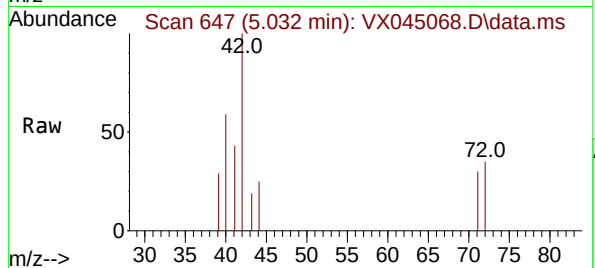
Tgt Ion:	42	Resp:	3719
Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.1	51.1
71	0.0	31.4	47.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#30

Chloroform

Concen: 0.978 ug/l

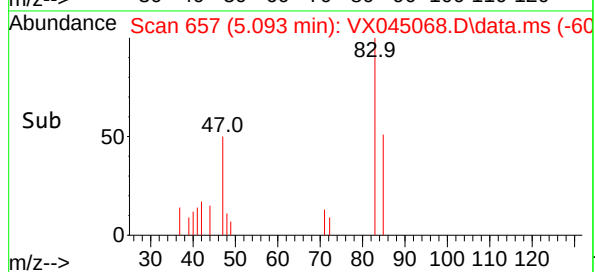
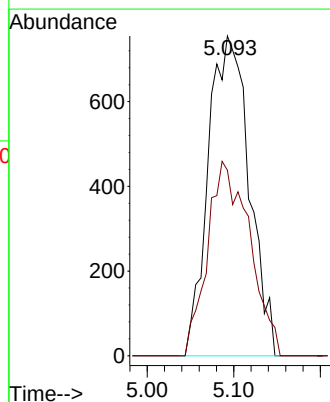
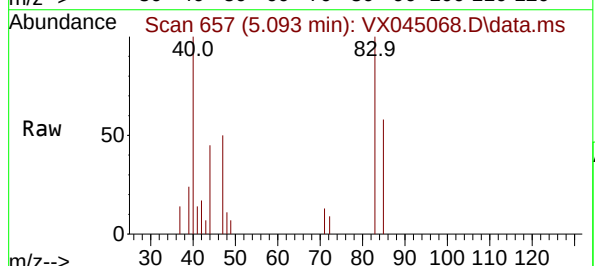
RT: 5.093 min Scan# 657

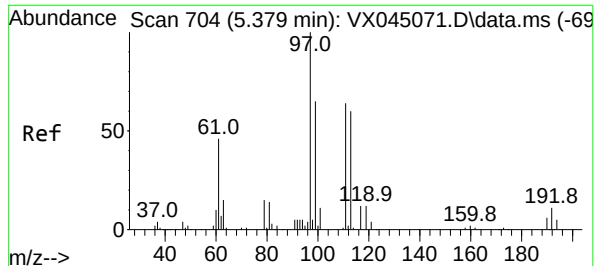
Delta R.T. 0.006 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

Tgt Ion:	83	Resp:	2478
Ion	Ratio	Lower	Upper
83	100		
85	58.0	51.4	77.2





#32

1,1,1-Trichloroethane

Concen: 0.893 ug/l

RT: 5.373 min Scan# 70

Delta R.T. -0.006 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 97 Resp: 186

Ion Ratio Lower Upper

97 100

99 0.0 51.6 77.4

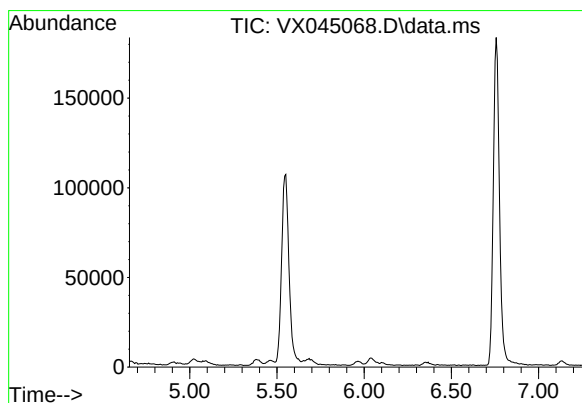
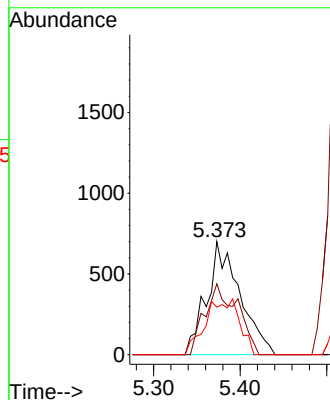
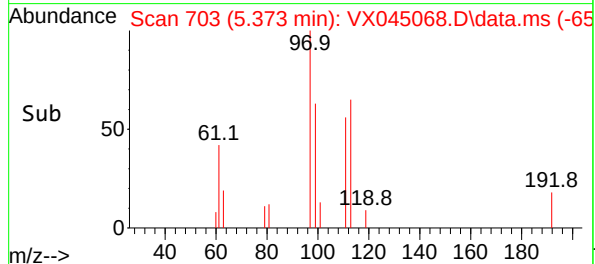
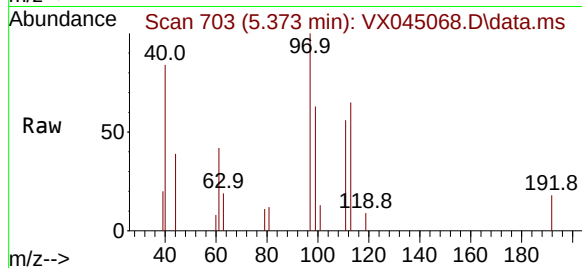
61 50.0 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 5.95 min

Lab File: VX045068.D

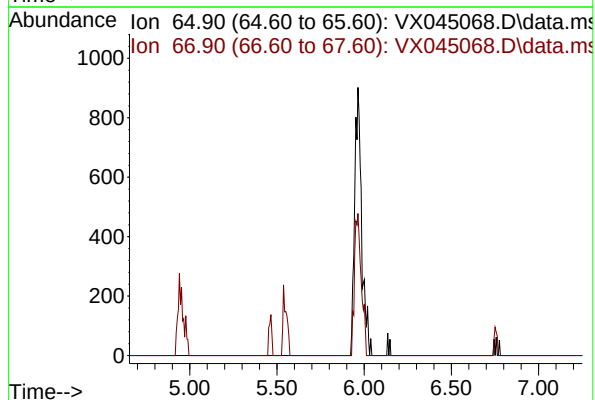
Acq: 28 Feb 2025 01:27

Tgt Ion: 65

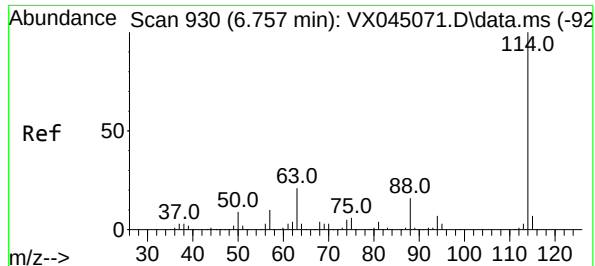
Sig Exp Ratio

65 100

67 53.1



Ion 66.90 (66.60 to 67.60): VX045068.D\data.ms



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion:114 Resp: 18864

Ion Ratio Lower Upper

114 100

63 21.4 0.0 41.8

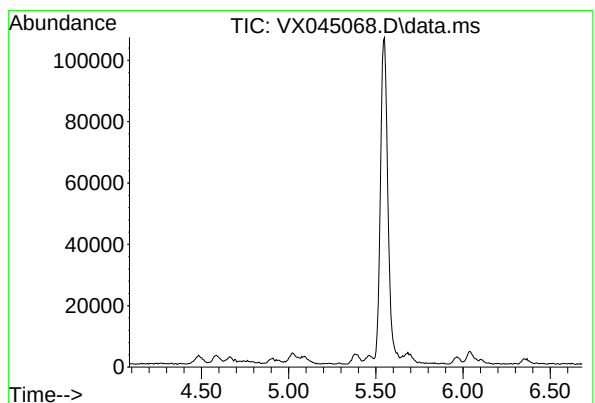
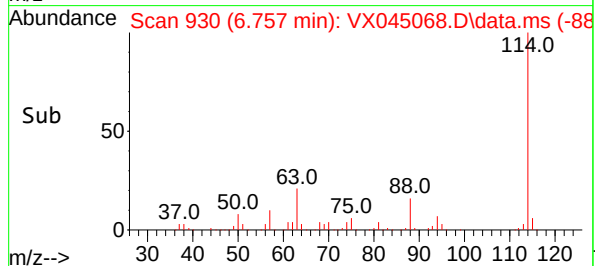
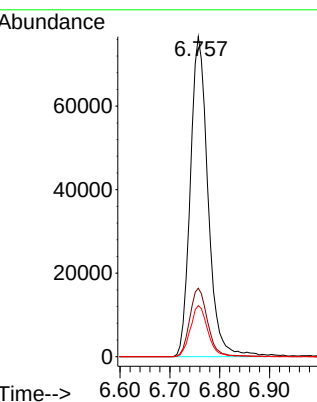
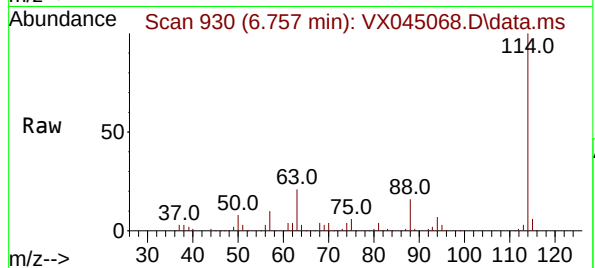
88 16.0 0.0 32.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 5.39 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

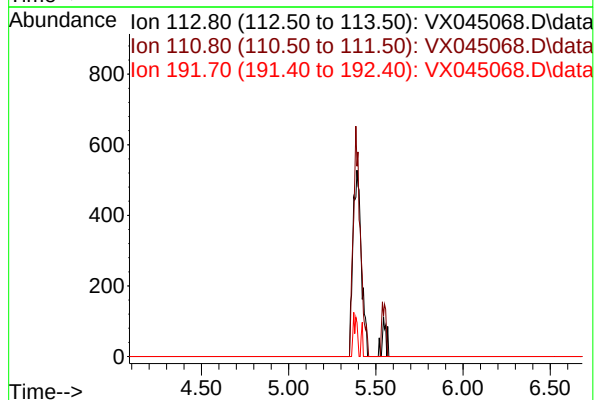
Tgt Ion: 113

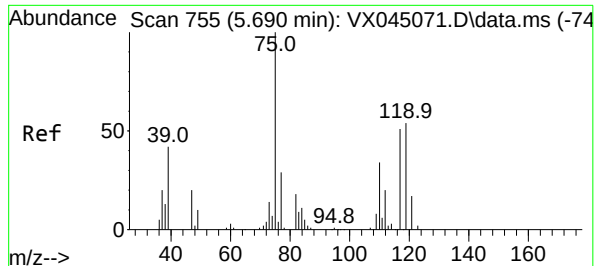
Sig Exp Ratio

113 100

111 102.2

192 17.9





#36

1,1-Dichloropropene

Concen: 0.967 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 75 Resp: 168

Ion Ratio Lower Upper

75 100

110 29.6 16.9 50.6

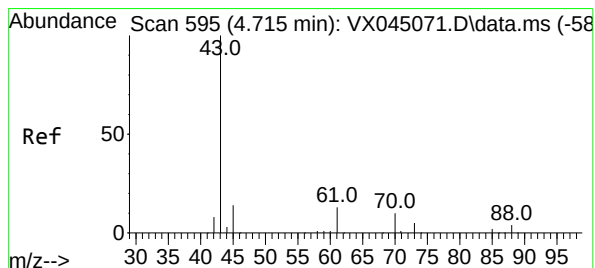
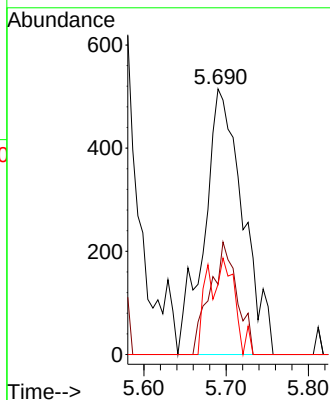
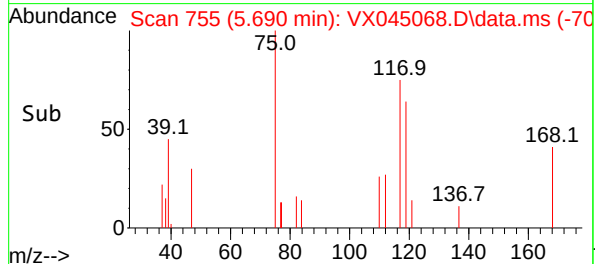
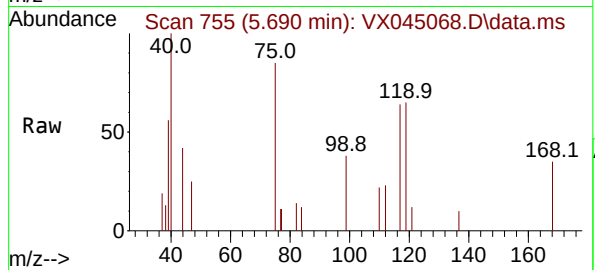
77 16.4 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#37

Ethyl Acetate

Concen: 0.988 ug/l m

RT: 4.739 min Scan# 599

Delta R.T. 0.024 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

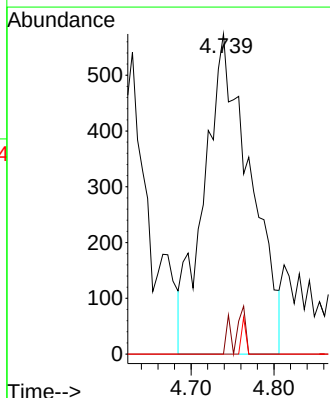
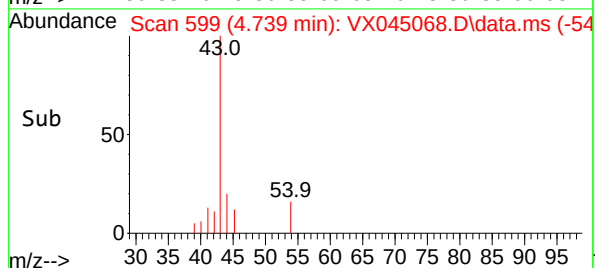
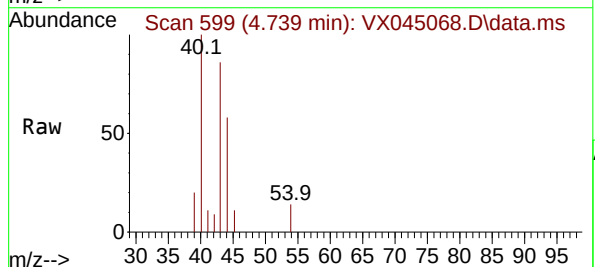
Tgt Ion: 43 Resp: 2223

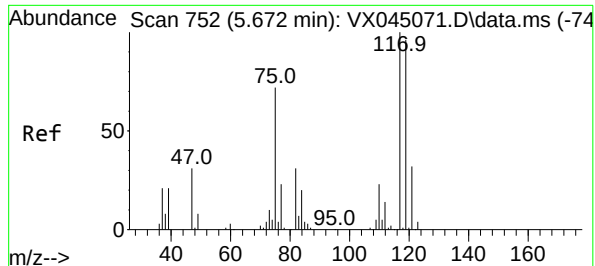
Ion Ratio Lower Upper

43 100

61 0.0 10.8 16.2#

70 0.0 7.7 11.5#





#38

Carbon Tetrachloride

Concen: 0.987 ug/l m

RT: 5.672 min Scan# 752

Delta R.T. 0.000 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion:117 Resp: 174

Ion Ratio Lower Upper

117 100

119 103.4 76.7 115.1

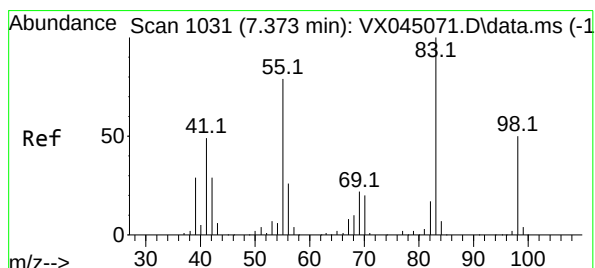
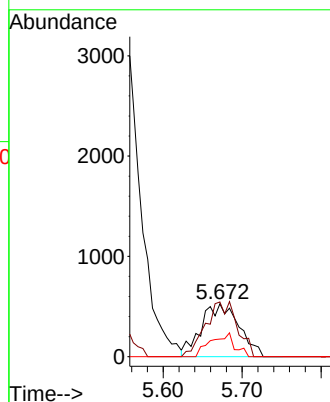
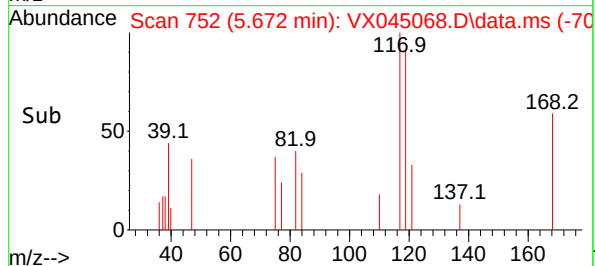
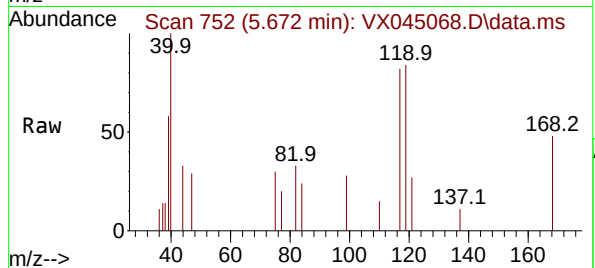
121 33.2 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#39

Methylcyclohexane

Concen: 0.831 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.012 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

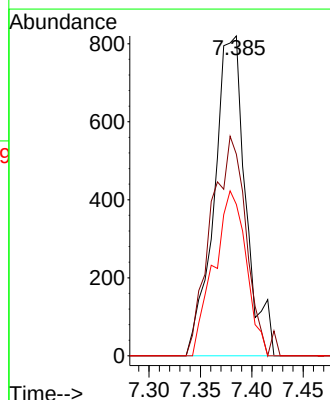
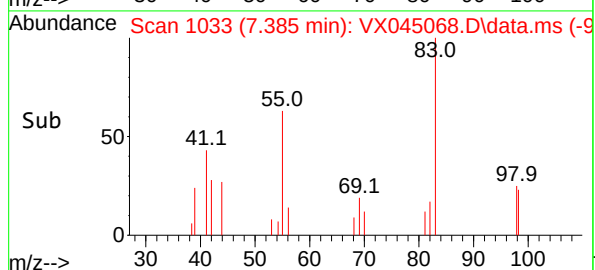
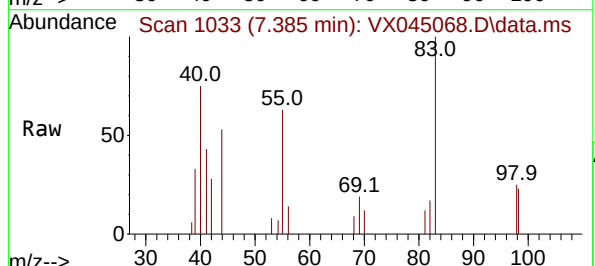
Tgt Ion: 83 Resp: 1750

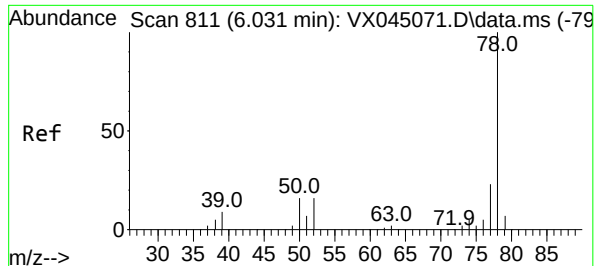
Ion Ratio Lower Upper

83 100

55 63.0 63.0 94.4

98 47.3 39.7 59.5





#40

Benzene

Concen: 0.907 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 78 Resp: 4984

Ion Ratio Lower Upper

78 100

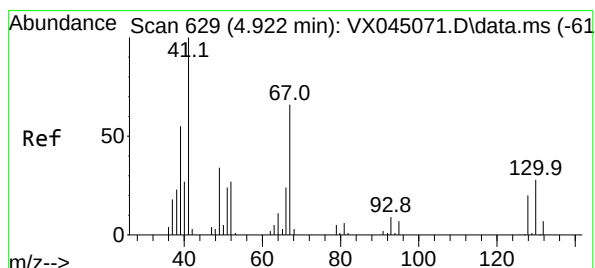
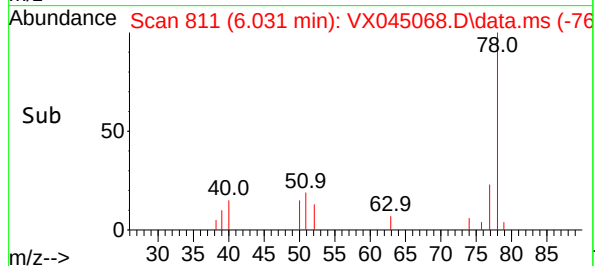
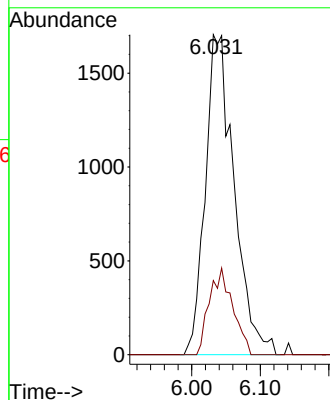
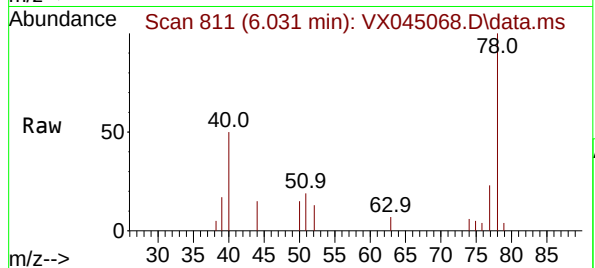
77 23.2 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#41

Methacrylonitrile

Concen: 0.879 ug/l m

RT: 4.958 min Scan# 635

Delta R.T. 0.037 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

Tgt Ion: 41 Resp: 1072

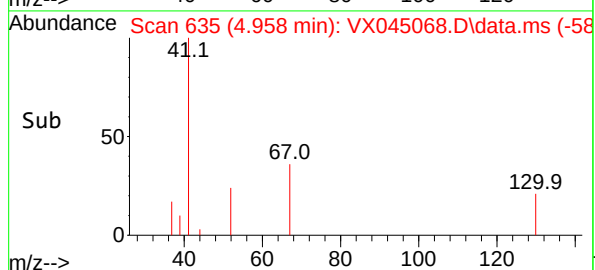
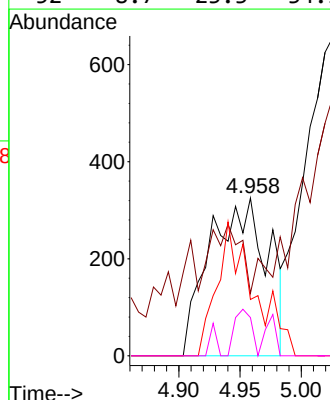
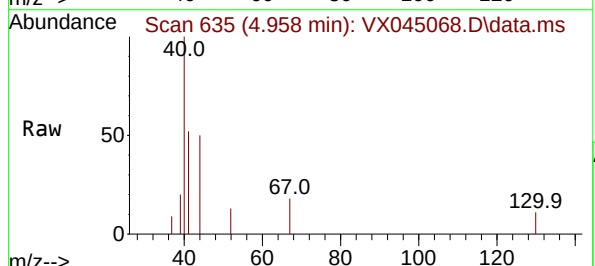
Ion Ratio Lower Upper

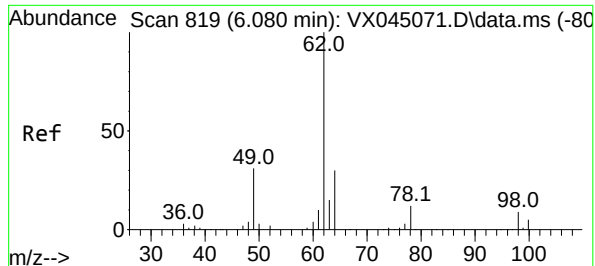
41 100

39 29.2 44.6 67.0#

67 53.9 53.9 80.9#

52 8.7 23.3 34.9#





#42

1,2-Dichloroethane

Concen: 0.924 ug/l

RT: 6.099 min Scan# 819

Delta R.T. 0.018 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

Tgt Ion: 62 Resp: 183

Ion Ratio Lower Upper

62 100

98 1.2 0.0 18.2

Instrument :

MSVOA_X

ClientSampleId :

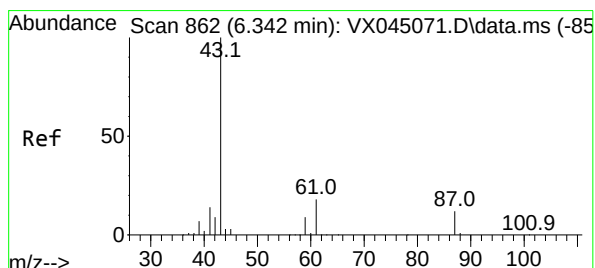
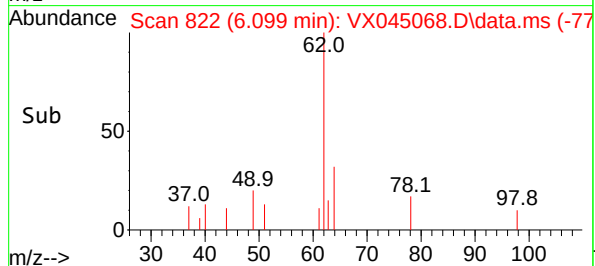
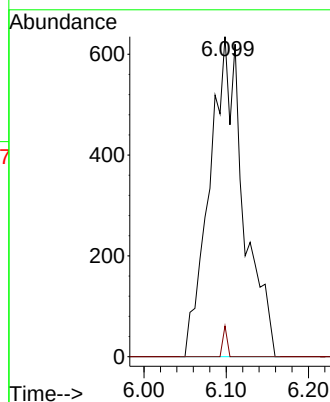
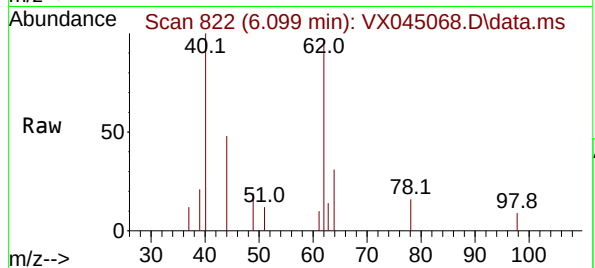
VSTDIC001

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#43

Isopropyl Acetate

Concen: 0.767 ug/l

RT: 6.355 min Scan# 864

Delta R.T. 0.012 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

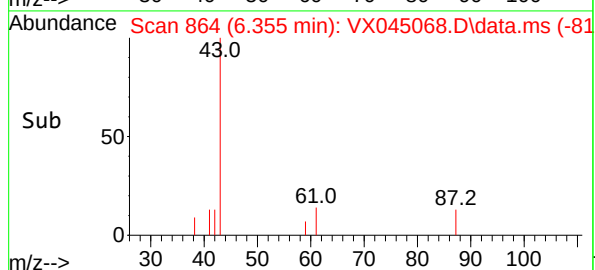
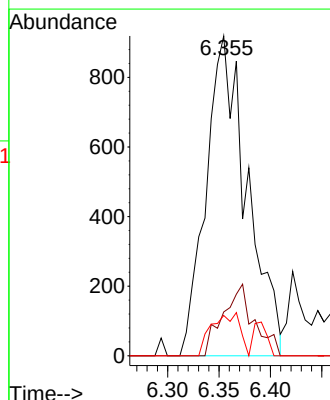
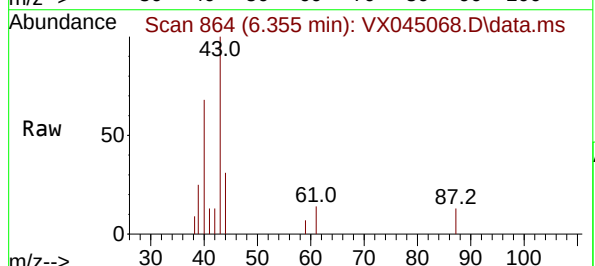
Tgt Ion: 43 Resp: 2545

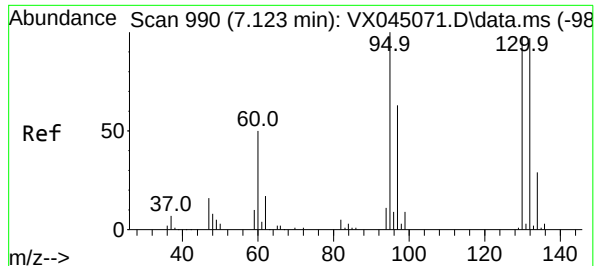
Ion Ratio Lower Upper

43 100

61 17.0 14.9 22.3

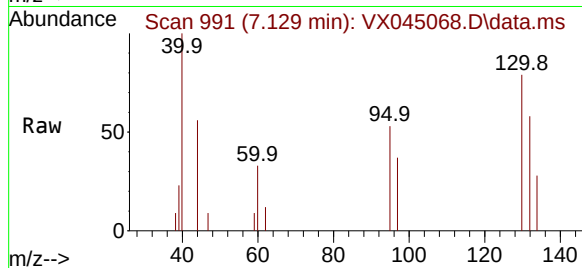
87 9.2 9.4 14.2#





#44
Trichloroethene
Concen: 0.933 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

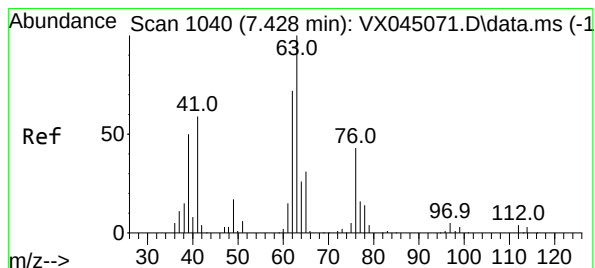
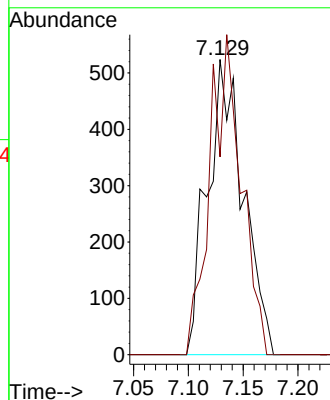
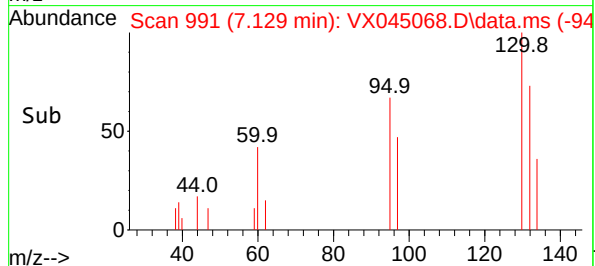
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion:130 Resp: 120
Ion Ratio Lower Upper
130 100
95 67.0 0.0 205.0

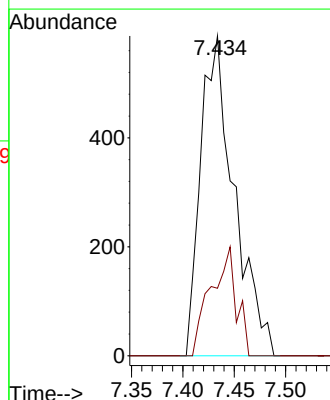
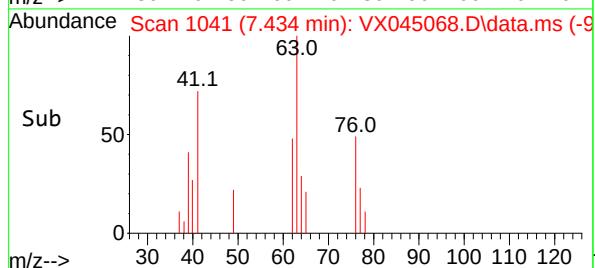
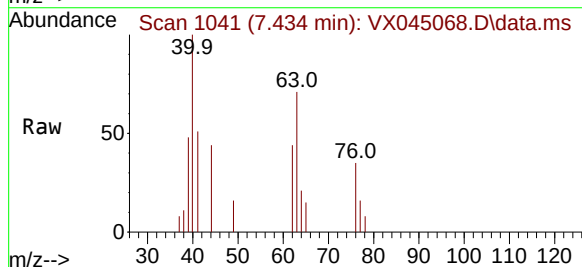
Manual Integrations
APPROVED

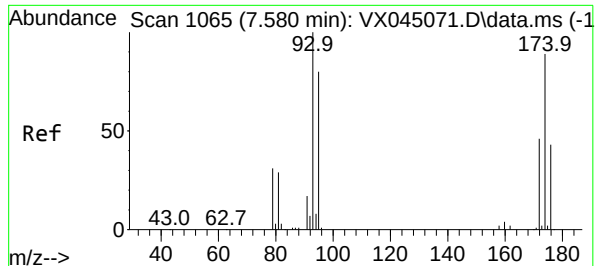
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#45
1,2-Dichloropropane
Concen: 0.971 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 63 Resp: 1334
Ion Ratio Lower Upper
63 100
65 21.1 24.7 37.1#





#46

Dibromomethane

Concen: 0.897 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

Instrument :

MSVOA_X

ClientSampleId :

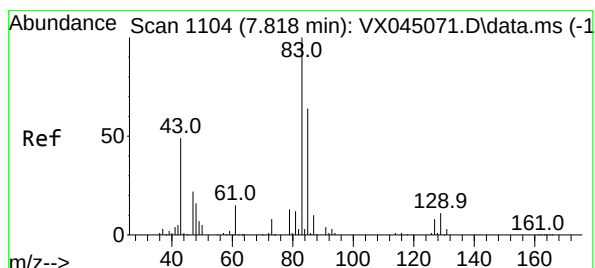
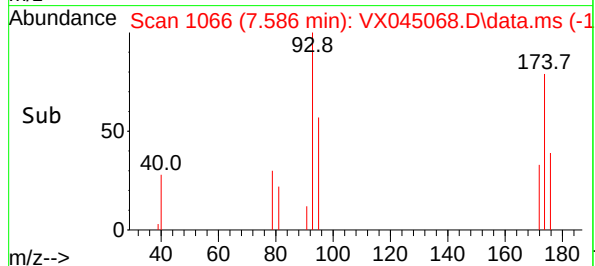
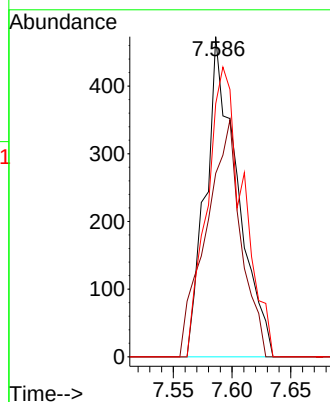
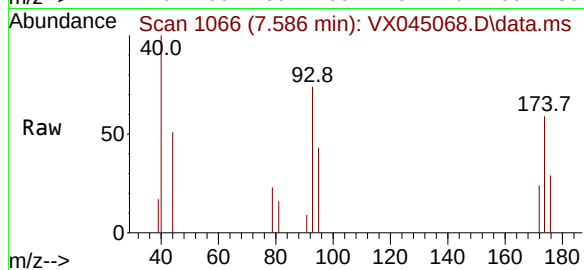
VSTDICC001

Tgt Ion:	93	Resp:	89
Ion	Ratio	Lower	Upper
93	100		
95	80.9	65.8	98.8
174	102.8	72.2	108.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#47

Bromodichloromethane

Concen: 0.927 ug/l

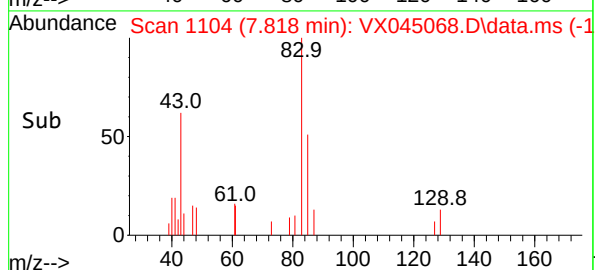
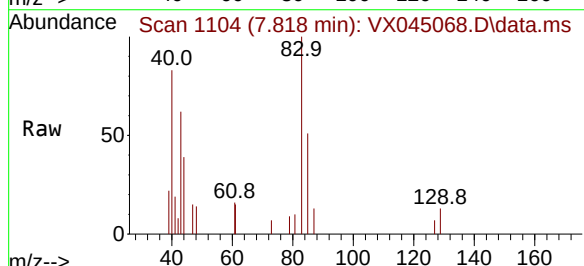
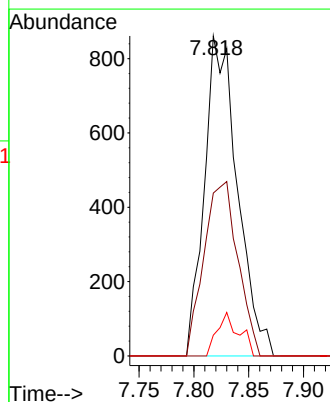
RT: 7.818 min Scan# 1104

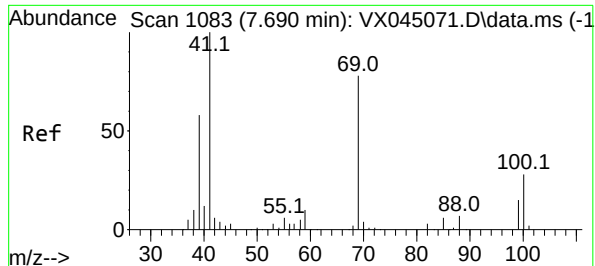
Delta R.T. 0.000 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

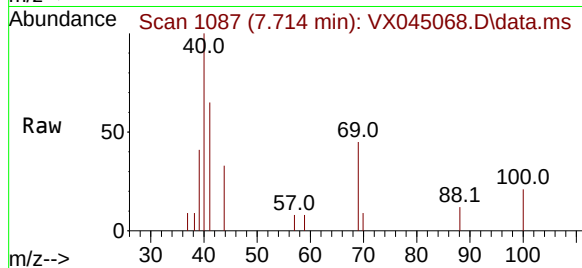
Tgt Ion:	83	Resp:	1802
Ion	Ratio	Lower	Upper
83	100		
85	50.9	51.1	76.7#
127	6.5	6.4	9.6





#48
Methyl methacrylate
Concen: 0.825 ug/l m
RT: 7.714 min Scan# 1087
Delta R.T. 0.024 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

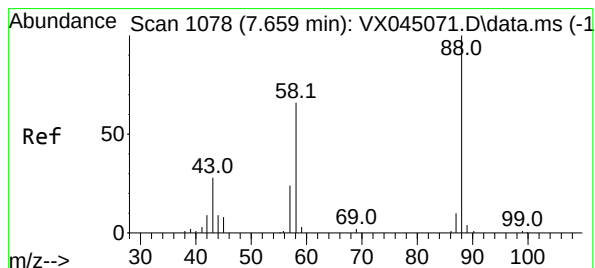
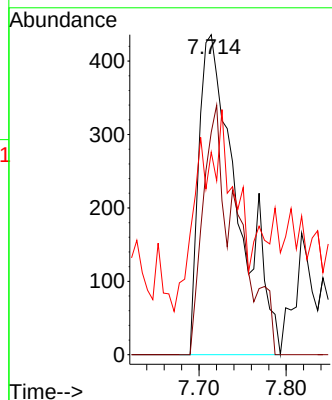
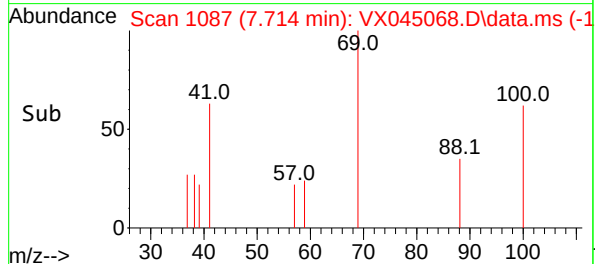
Instrument :
MSVOA_X
Client Sample Id :
VSTDICC001



Tgt Ion: 41 Resp: 1328
Ion Ratio Lower Upper
41 100
69 41.4 63.0 94.6
39 20.7 47.5 71.3

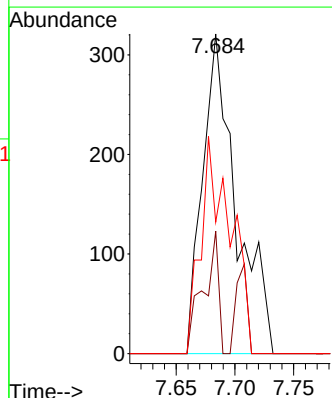
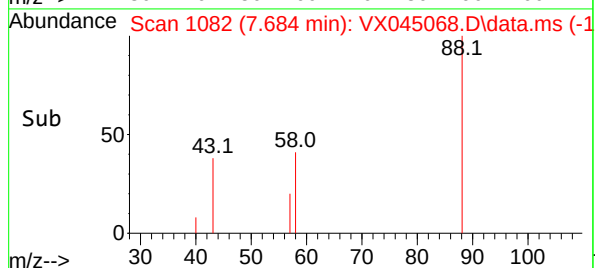
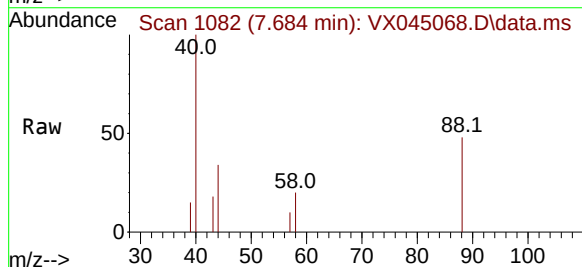
Manual Integrations
APPROVED

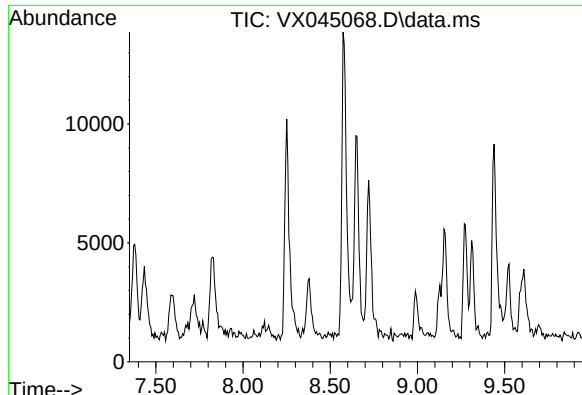
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#49
1,4-Dioxane
Concen: 18.144 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. 0.024 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 88 Resp: 639
Ion Ratio Lower Upper
88 100
43 17.2 28.7 43.1#
58 59.9 55.8 83.8





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

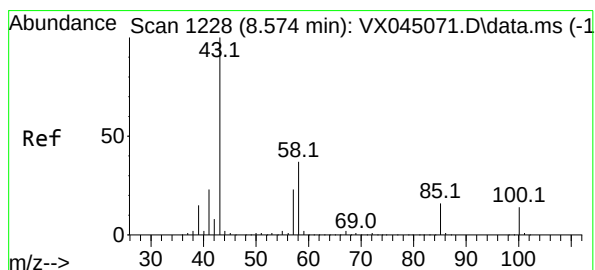
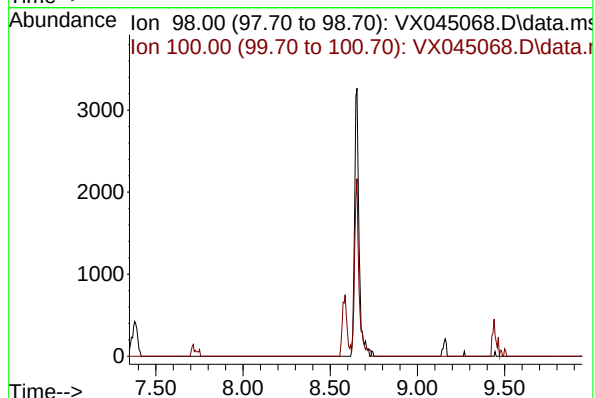
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 98
Sig Exp Ratio
98 100
100 65.0

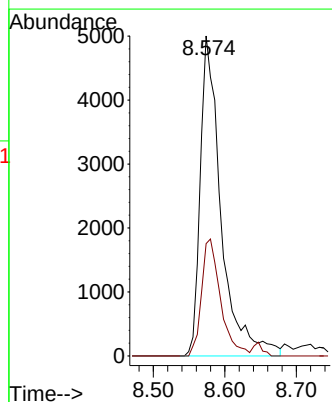
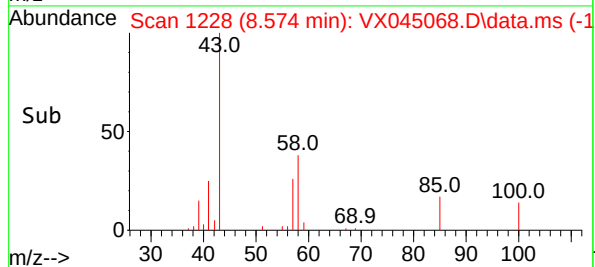
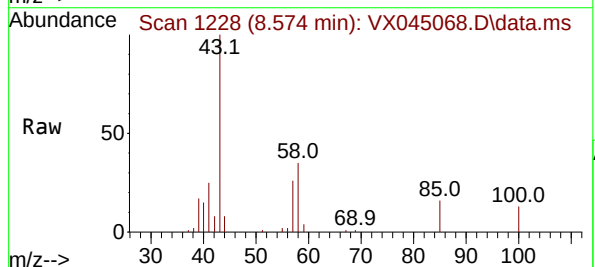
Manual Integrations
APPROVED

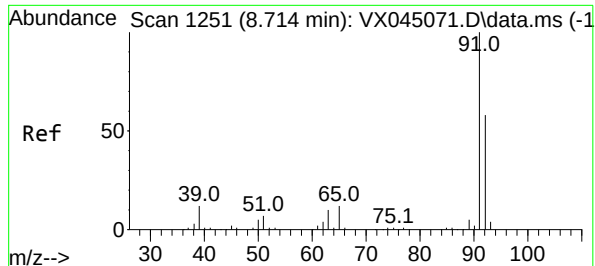
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#51
4-Methyl-2-Pentanone
Concen: 4.567 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

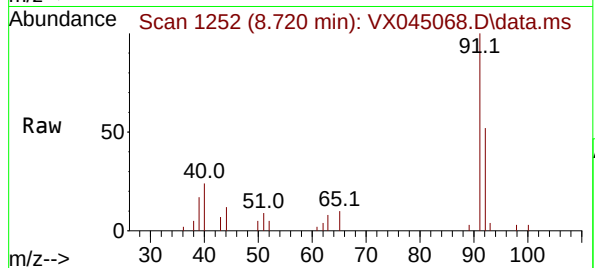
Tgt Ion: 43 Resp: 10091
Ion Ratio Lower Upper
43 100
58 33.5 29.2 43.8





#52
Toluene
Concen: 0.841 ug/l
RT: 8.720 min Scan# 1251
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

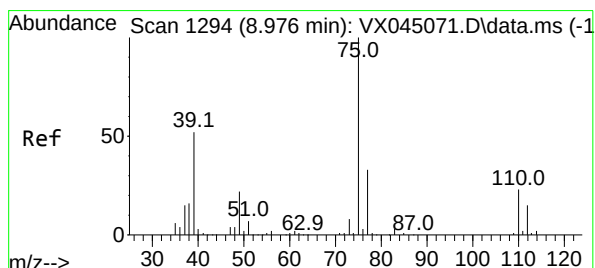
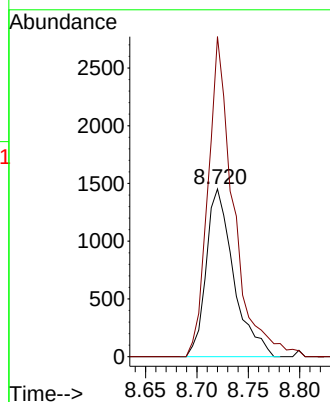
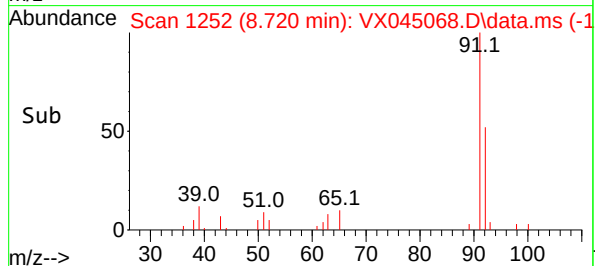
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion: 92 Resp: 2700
Ion Ratio Lower Upper
92 100
91 177.7 138.9 208.3

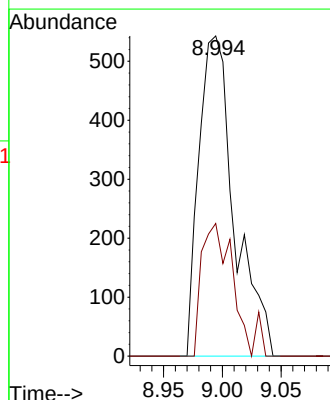
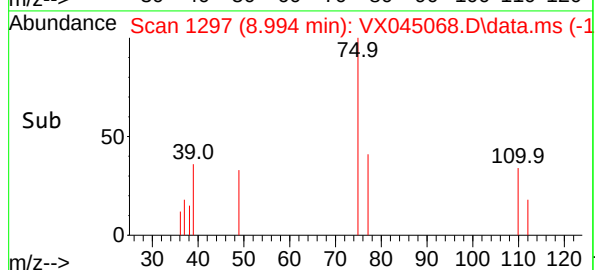
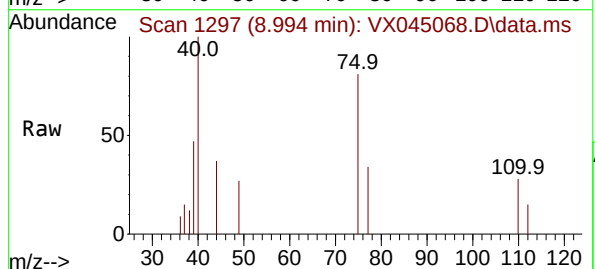
Manual Integrations
APPROVED

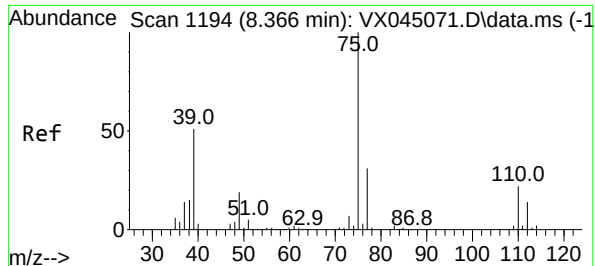
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#53
t-1,3-Dichloropropene
Concen: 0.700 ug/l
RT: 8.994 min Scan# 1297
Delta R.T. 0.018 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 75 Resp: 1147
Ion Ratio Lower Upper
75 100
77 41.4 26.5 39.7#





#54

cis-1,3-Dichloropropene

Concen: 0.804 ug/l

RT: 8.373 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

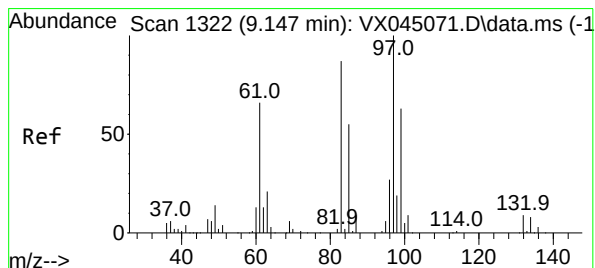
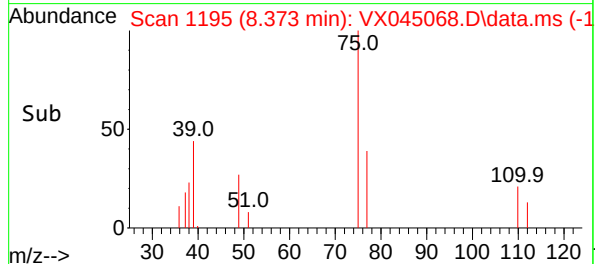
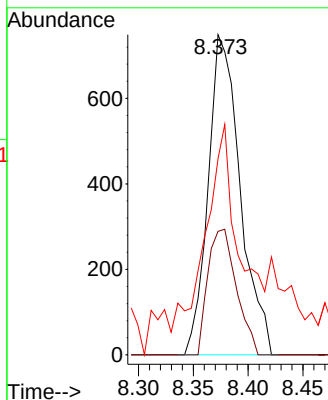
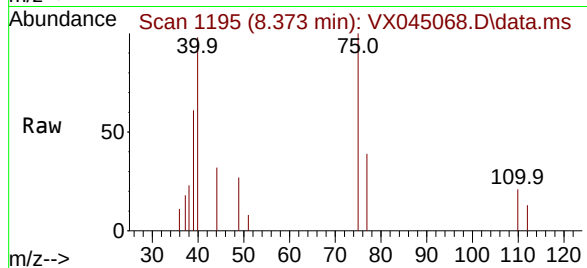
Tgt Ion:	75	Resp:	152
Ion	Ratio	Lower	Upper
75	100		
77	38.6	24.7	37.1
39	45.1	40.7	61.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#55

1,1,2-Trichloroethane

Concen: 1.004 ug/l

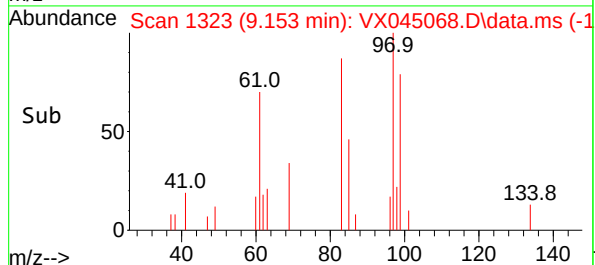
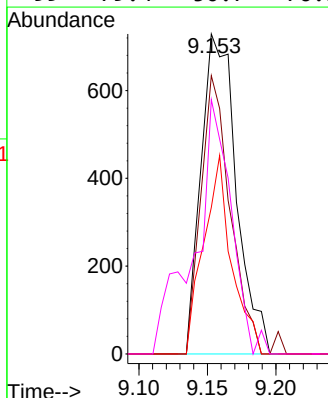
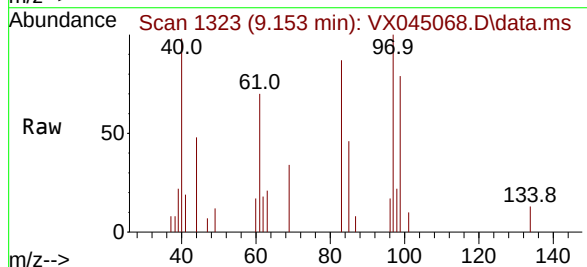
RT: 9.153 min Scan# 1323

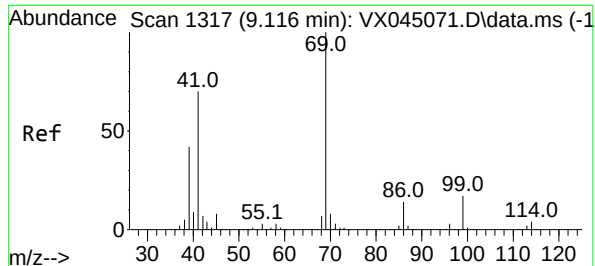
Delta R.T. 0.006 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

Tgt Ion:	97	Resp:	1306
Ion	Ratio	Lower	Upper
97	100		
83	87.0	69.4	104.2
85	45.8	44.1	66.1
99	79.4	50.7	76.1





#56

Ethyl methacrylate

Concen: 0.748 ug/l

RT: 9.135 min Scan# 1320

Delta R.T. 0.018 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

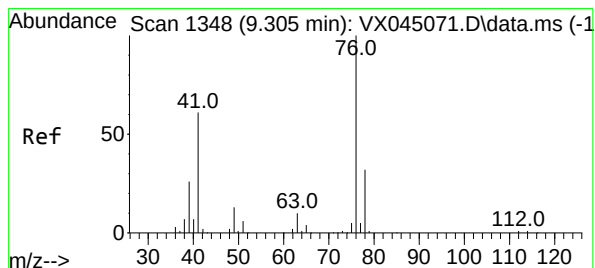
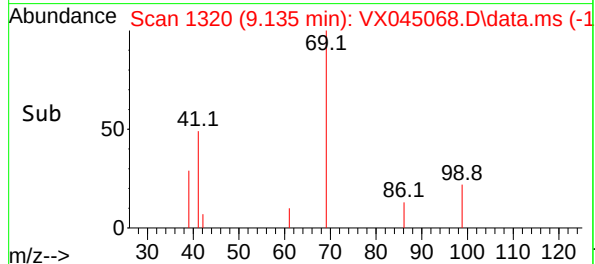
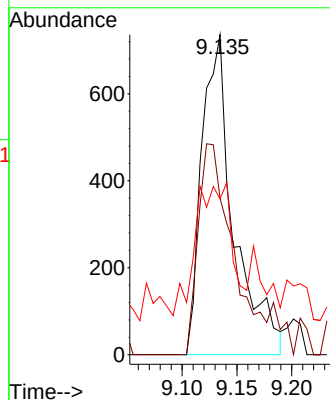
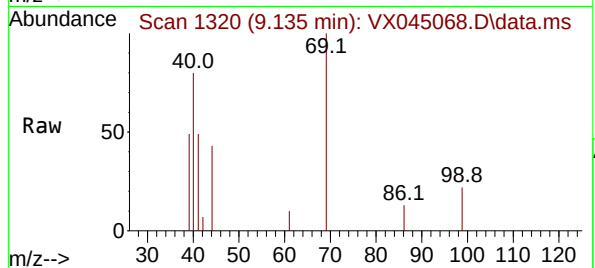
Tgt Ion:	69	Resp:	1494
Ion	Ratio	Lower	Upper
69	100		
41	71.5	57.0	85.4
39	54.6	34.2	51.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#57

1,3-Dichloropropane

Concen: 0.920 ug/l

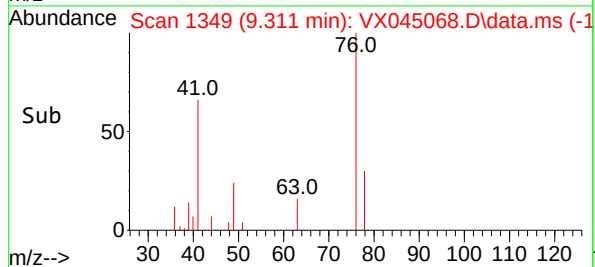
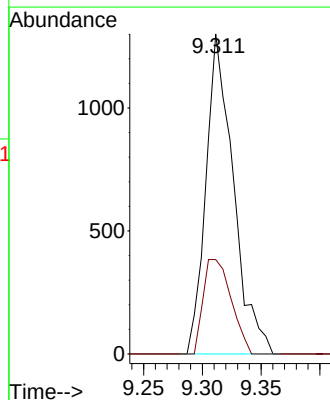
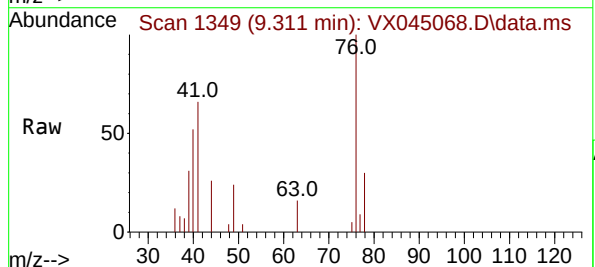
RT: 9.311 min Scan# 1349

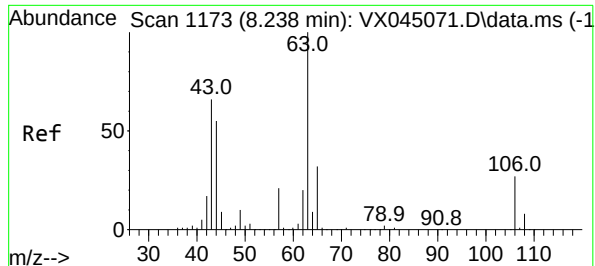
Delta R.T. 0.006 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

Tgt Ion:	76	Resp:	2112
Ion	Ratio	Lower	Upper
76	100		
78	30.1	25.5	38.3





#58

2-Chloroethyl Vinyl ether

Concen: 4.320 ug/l

RT: 8.251 min Scan# 1173

Delta R.T. 0.012 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

Tgt Ion: 63 Resp: 411

Ion Ratio Lower Upper

63 100

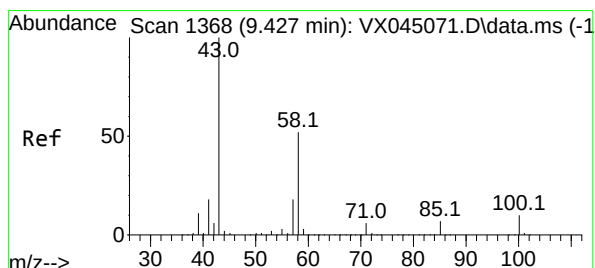
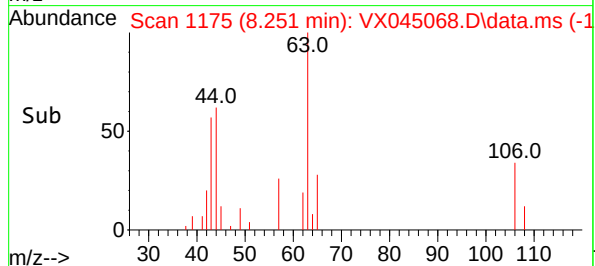
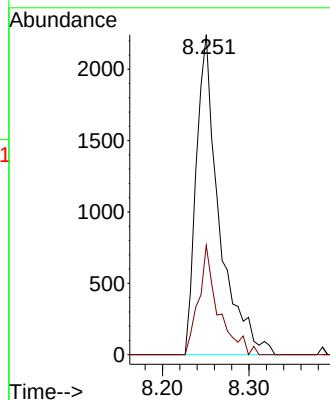
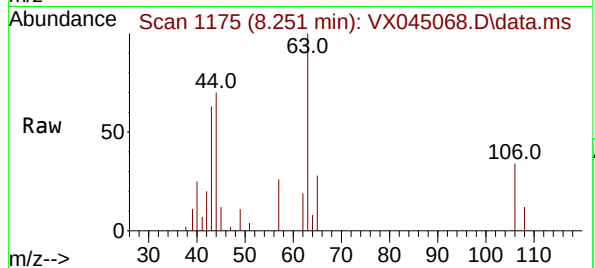
106 29.2 21.5 32.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#59

2-Hexanone

Concen: 4.153 ug/l

RT: 9.439 min Scan# 1370

Delta R.T. 0.012 min

Lab File: VX045068.D

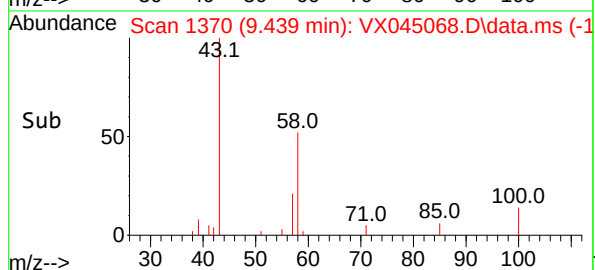
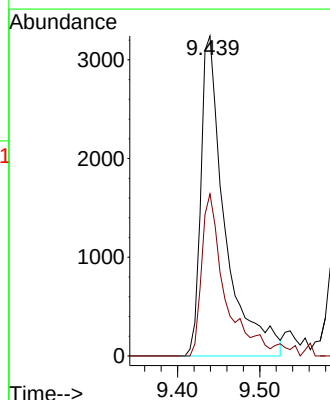
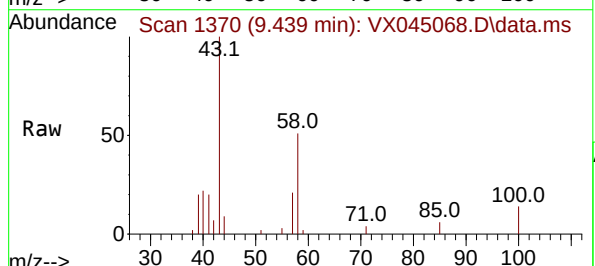
Acq: 28 Feb 2025 01:27

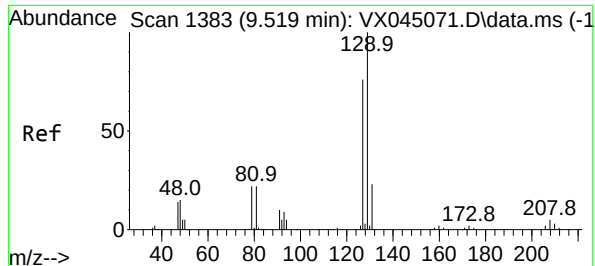
Tgt Ion: 43 Resp: 6582

Ion Ratio Lower Upper

43 100

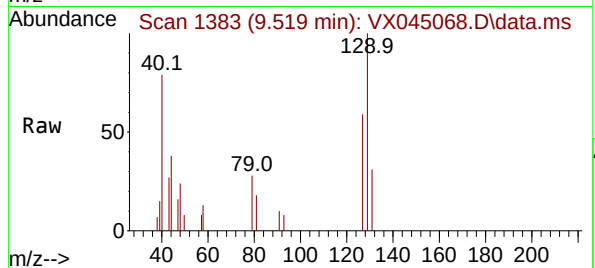
58 48.7 25.9 77.6





#60
Dibromochloromethane
Concen: 0.835 ug/l
RT: 9.519 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

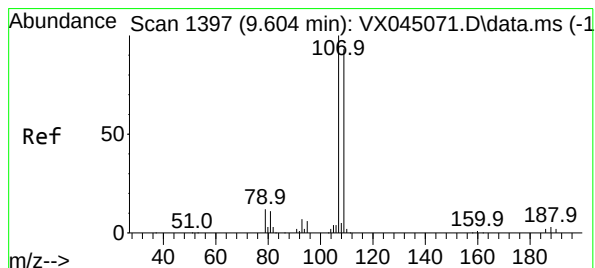
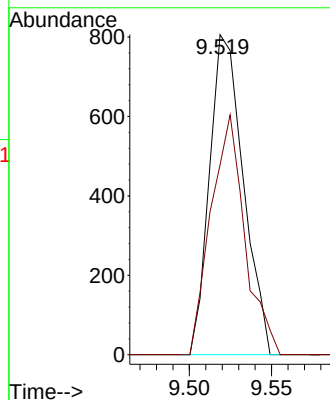
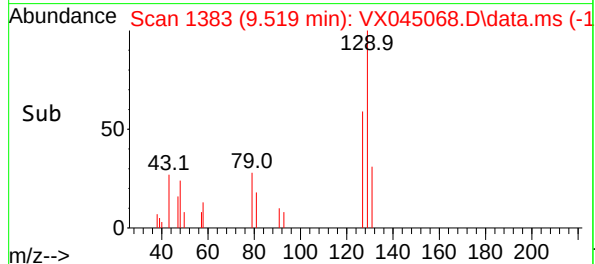
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



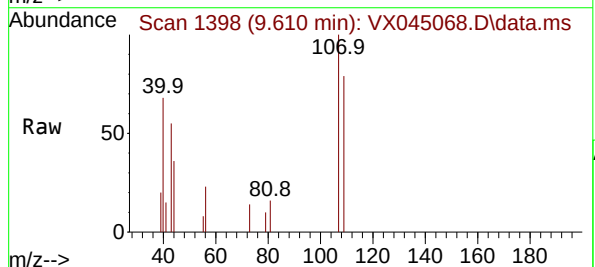
Tgt Ion:129 Resp: 1152
Ion Ratio Lower Upper
129 100
127 75.2 38.5 115.5

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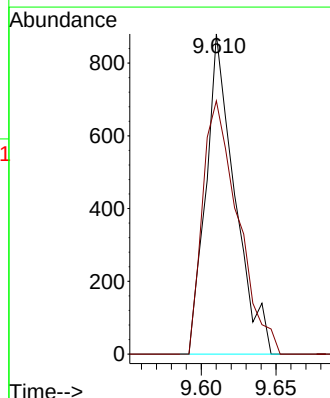
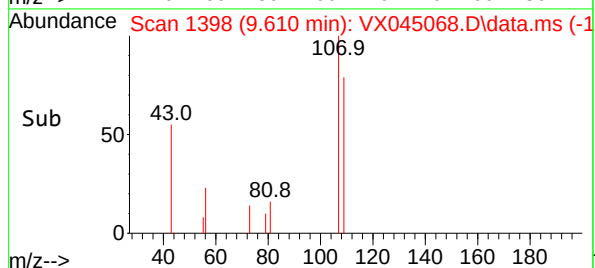
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

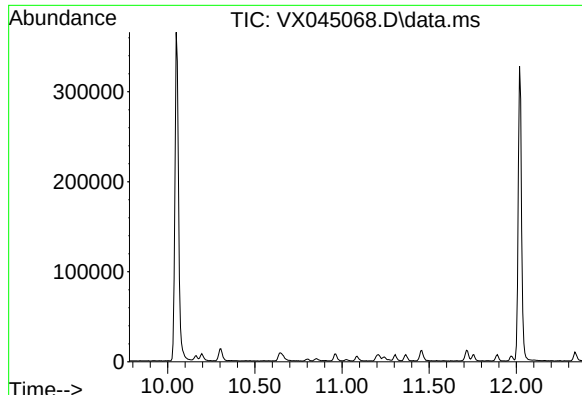


#61
1,2-Dibromoethane
Concen: 0.890 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27



Tgt Ion:107 Resp: 1174
Ion Ratio Lower Upper
107 100
109 97.6 76.1 114.1





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

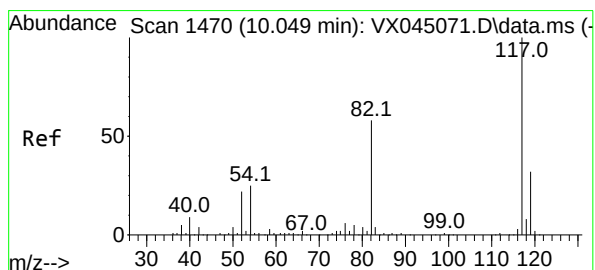
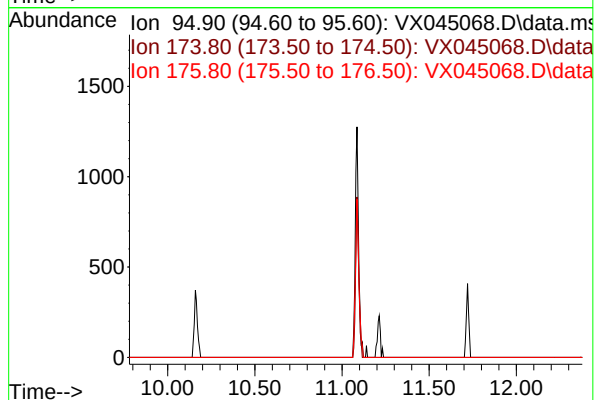
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 95
Sig Exp Ratio
95 100
174 74.1
176 70.7

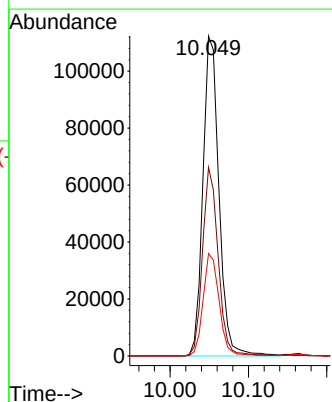
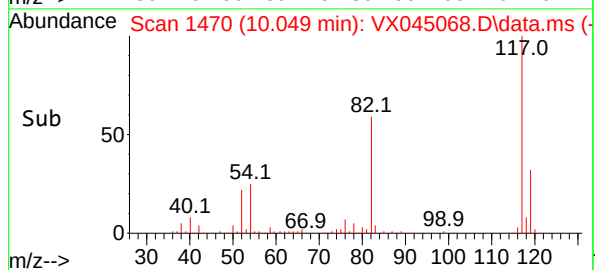
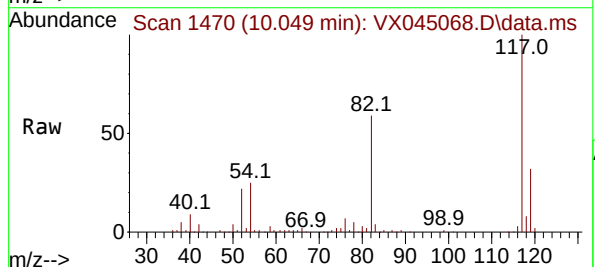
Manual Integrations
APPROVED

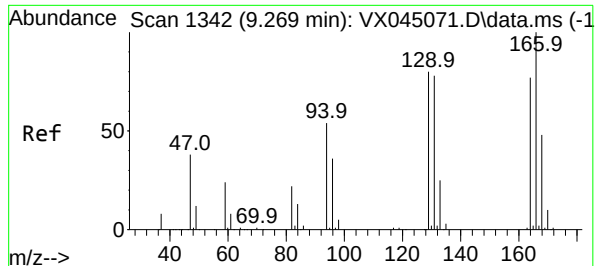
Reviewed By : John Carlone 02/28/2025
Supervised By : Mahesh Dadoda 02/28/2025



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 117 Resp: 159886
Ion Ratio Lower Upper
117 100
82 59.0 46.3 69.5
119 32.0 25.7 38.5





#64

Tetrachloroethene

Concen: 0.986 ug/l

RT: 9.275 min Scan# 1342

Delta R.T. 0.006 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion:164 Resp: 1000

Ion Ratio Lower Upper

164 100

166 127.9 103.6 155.4

129 85.8 82.7 124.1

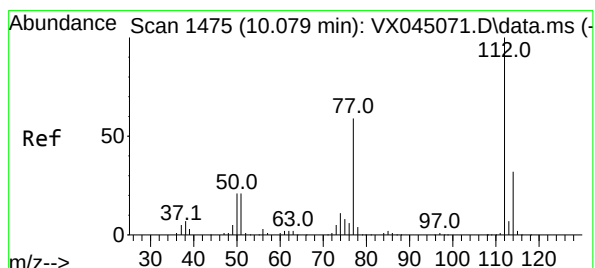
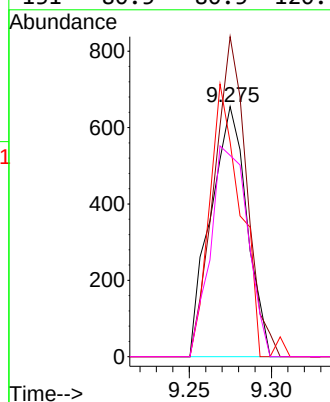
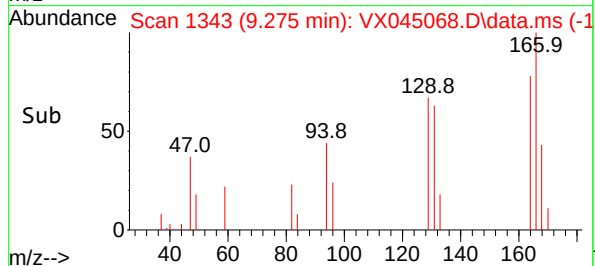
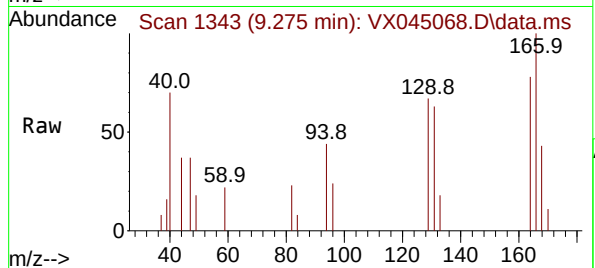
131 80.5 80.5 120.7#

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#65

Chlorobenzene

Concen: 0.908 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX045068.D

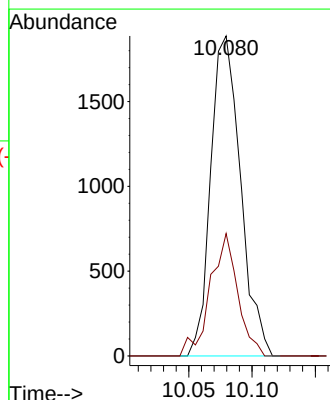
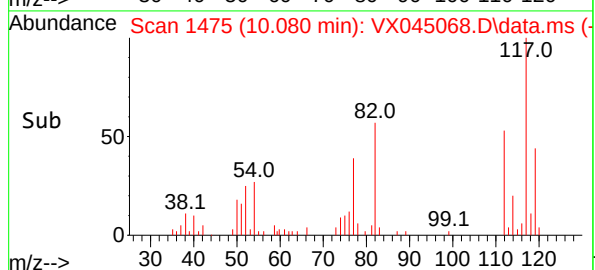
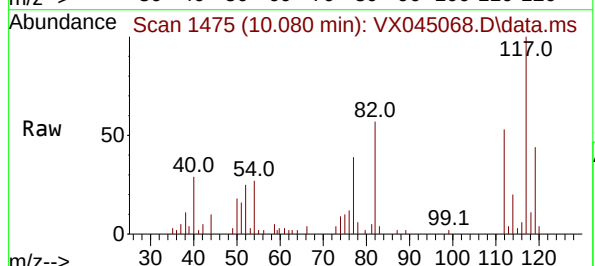
Acq: 28 Feb 2025 01:27

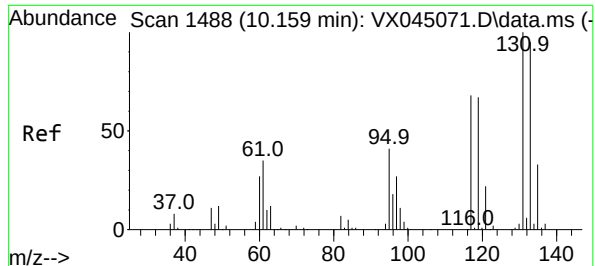
Tgt Ion:112 Resp: 3094

Ion Ratio Lower Upper

112 100

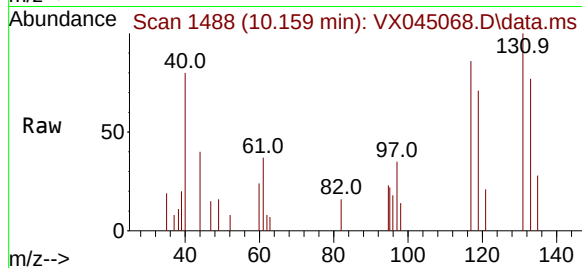
114 38.3 26.0 39.0





#66
1,1,1,2-Tetrachloroethane
Concen: 0.978 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

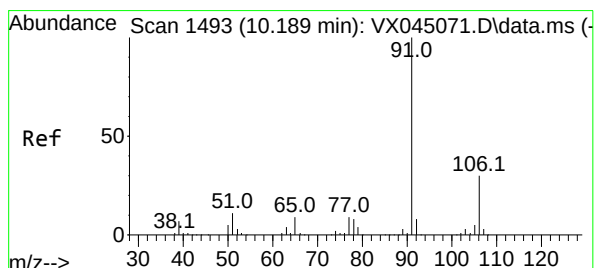
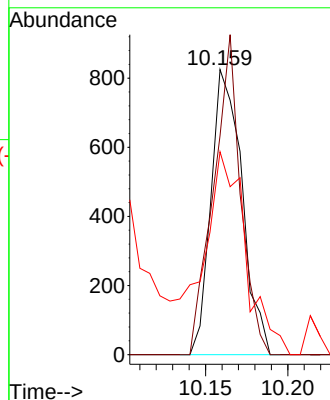
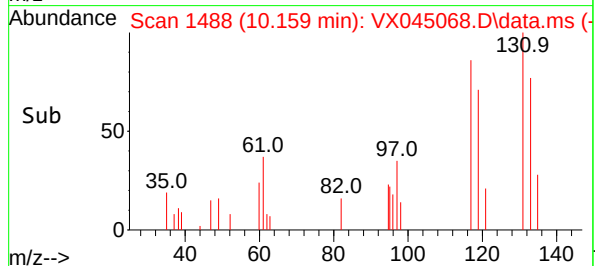
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion:131 Resp: 1078
Ion Ratio Lower Upper
131 100
133 98.6 48.6 145.9
119 0.0 33.9 101.7

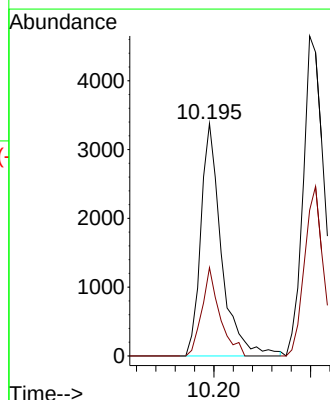
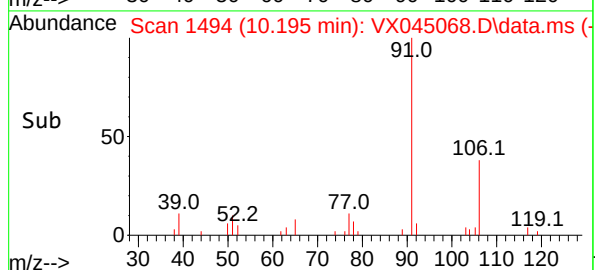
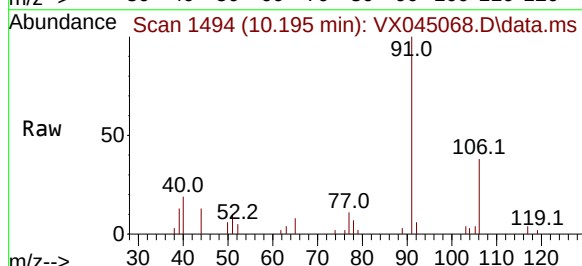
Manual Integrations
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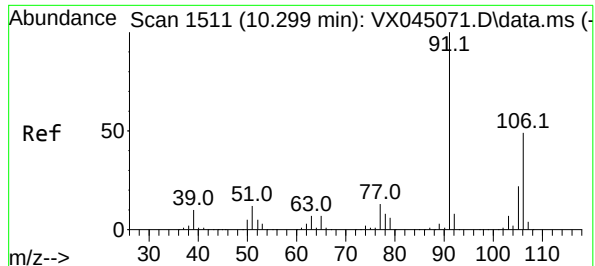
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#67
Ethyl Benzene
Concen: 0.846 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 91 Resp: 5008
Ion Ratio Lower Upper
91 100
106 38.0 23.9 35.9#





#68

m/p-Xylenes

Concen: 1.630 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion:106 Resp: 355

Ion Ratio Lower Upper

106 100

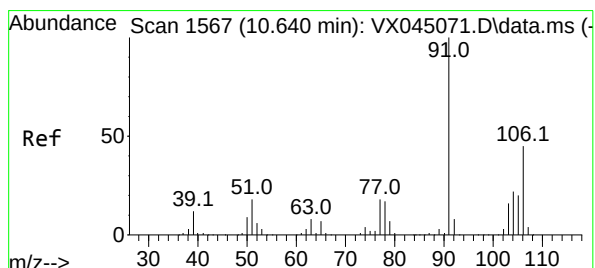
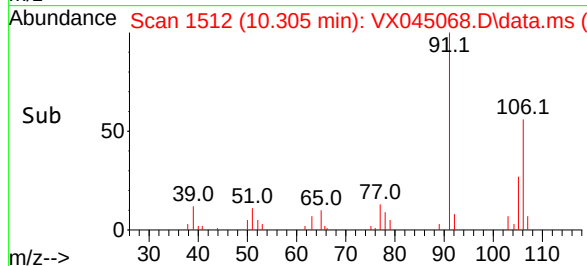
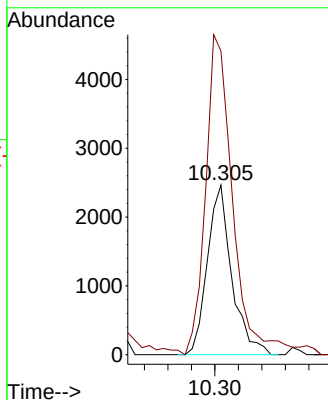
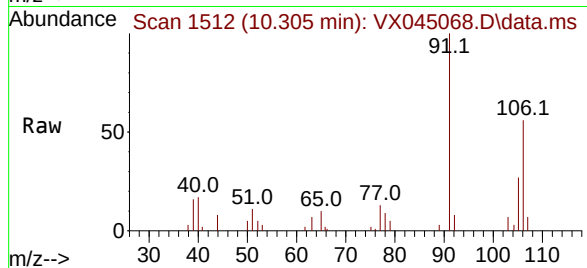
91 211.2 165.4 248.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#69

o-Xylene

Concen: 0.891 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX045068.D

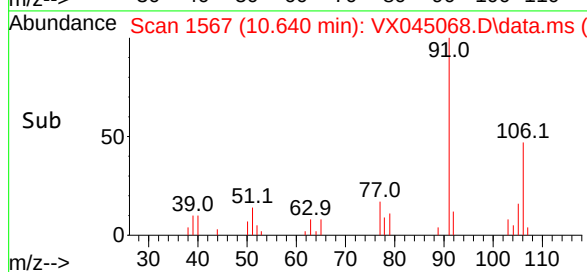
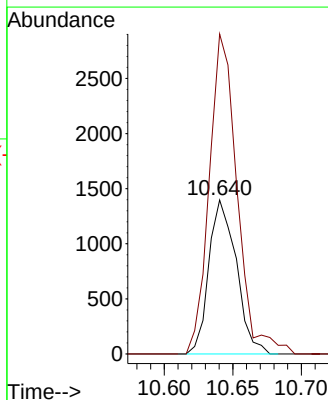
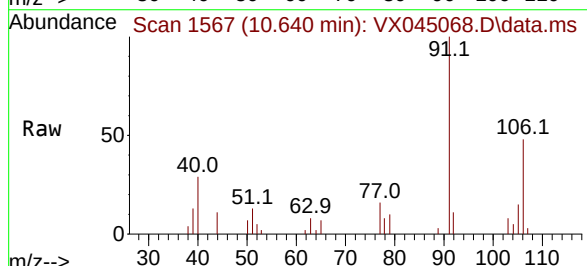
Acq: 28 Feb 2025 01:27

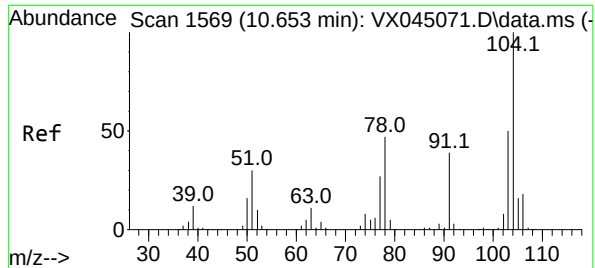
Tgt Ion:106 Resp: 1949

Ion Ratio Lower Upper

106 100

91 211.0 109.9 329.6





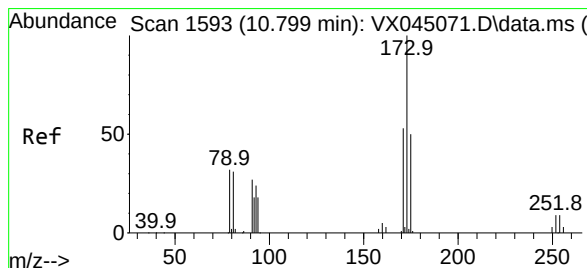
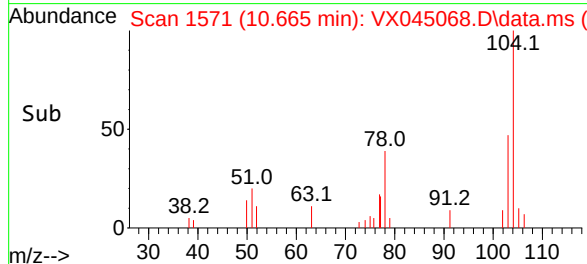
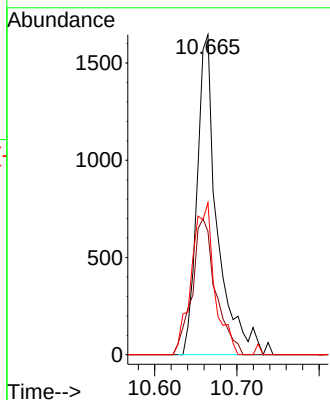
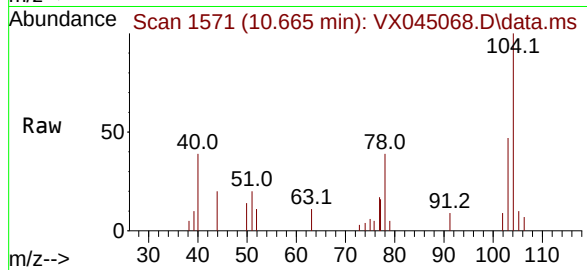
#70
Styrene
Concen: 0.802 ug/l
RT: 10.665 min Scan# 1571
Delta R.T. 0.012 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:104 Resp: 2810
Ion Ratio Lower Upper
104 100
78 49.7 42.2 63.4
103 53.6 43.8 65.8

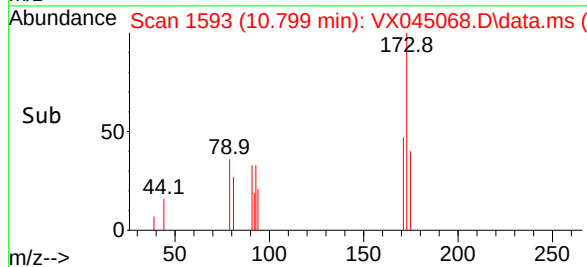
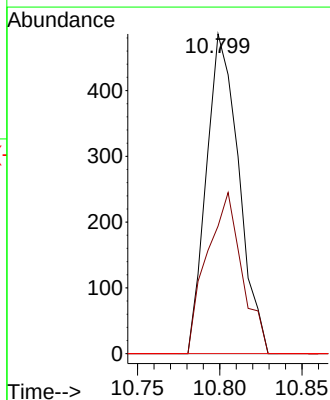
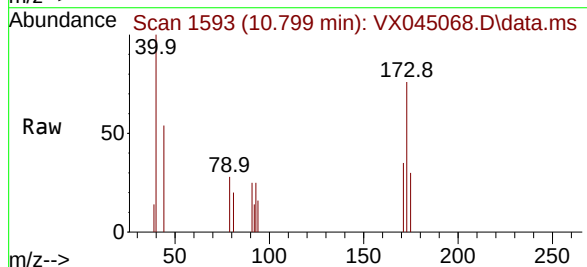
Manual Integrations
APPROVED

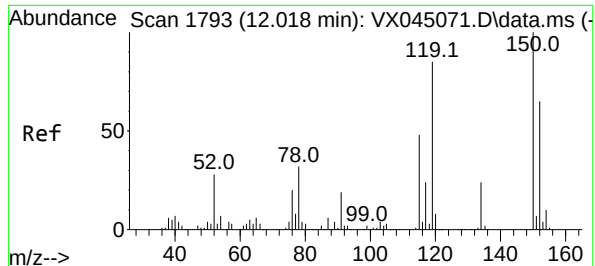
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#71
Bromoform
Concen: 0.768 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:173 Resp: 667
Ion Ratio Lower Upper
173 100
175 54.7 24.6 73.6
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion:152 Resp: 6484

Ion Ratio Lower Upper

152 100

115 60.3 44.2 132.6

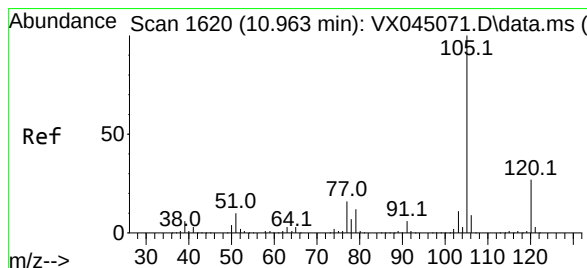
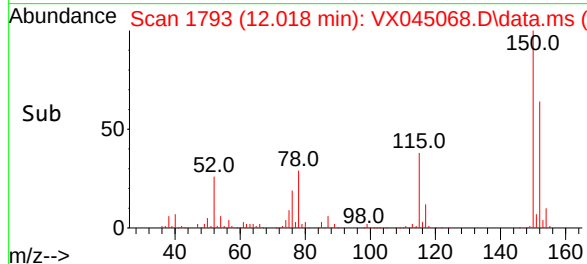
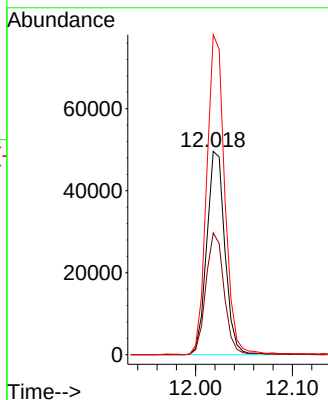
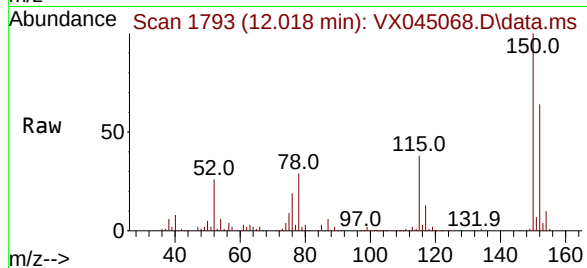
150 157.1 0.0 349.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#73

Isopropylbenzene

Concen: 0.858 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX045068.D

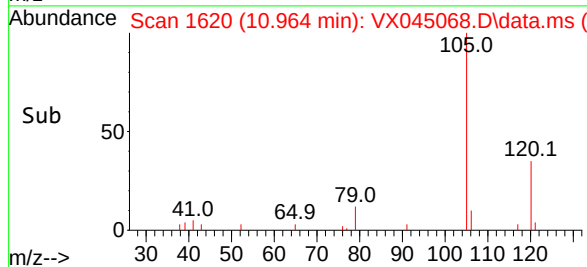
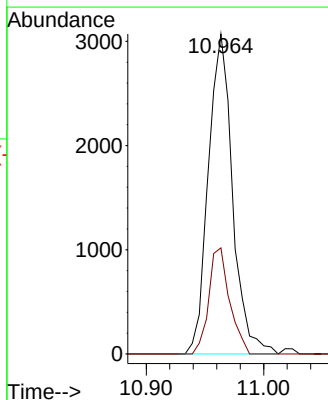
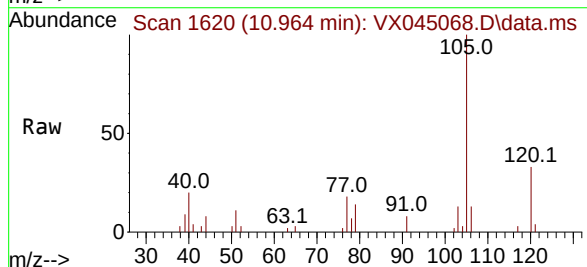
Acq: 28 Feb 2025 01:27

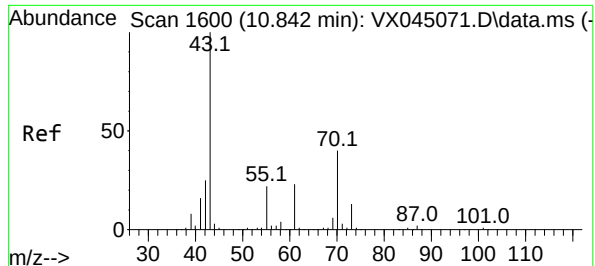
Tgt Ion:105 Resp: 4405

Ion Ratio Lower Upper

105 100

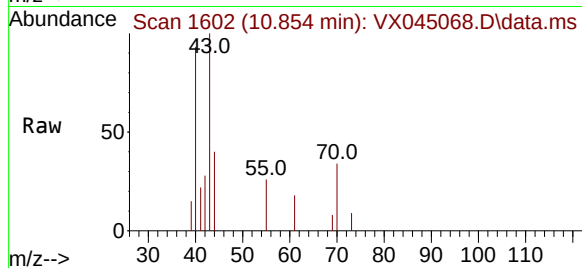
120 28.5 13.2 39.5





#74
N-amy1 acetate
Concen: 0.732 ug/l
RT: 10.854 min Scan# 1602
Delta R.T. 0.012 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

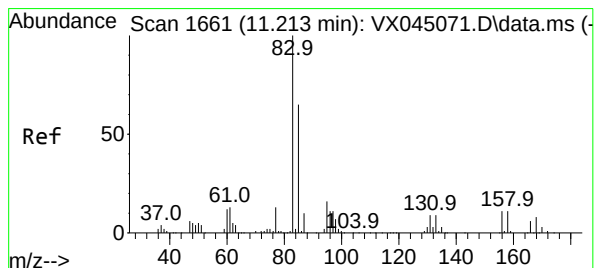
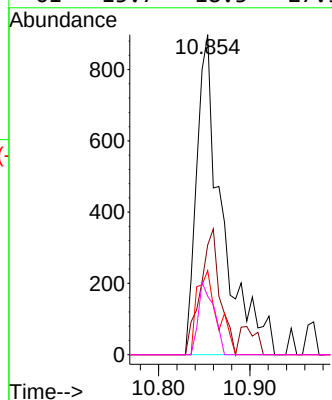
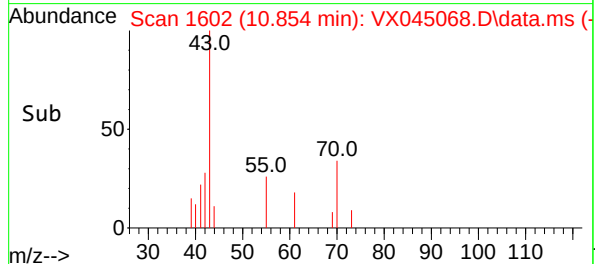
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion	Ratio	Lower	Upper
43	100		
70	30.1	31.8	47.6
55	20.9	18.3	27.5
61	13.7	18.3	27.5

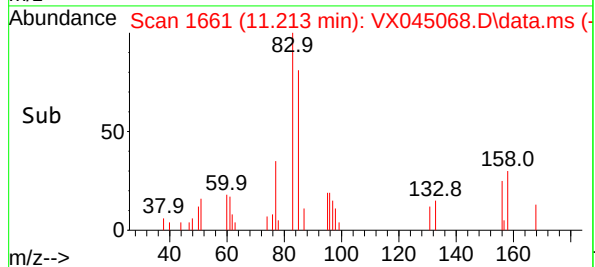
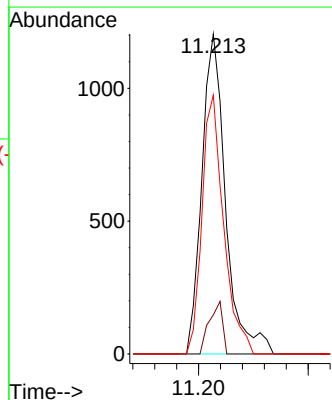
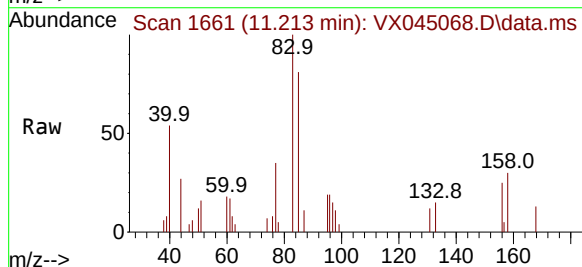
Manual Integrations
APPROVED

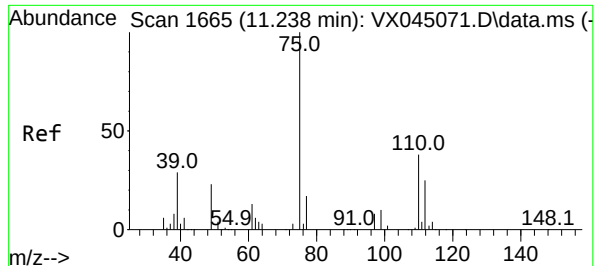
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#75
1,1,2,2-Tetrachloroethane
Concen: 0.954 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.2	4.5	13.4
85	73.7	31.7	95.1





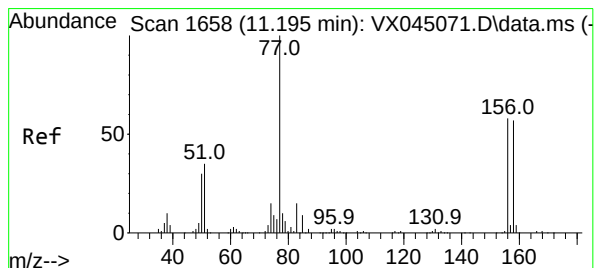
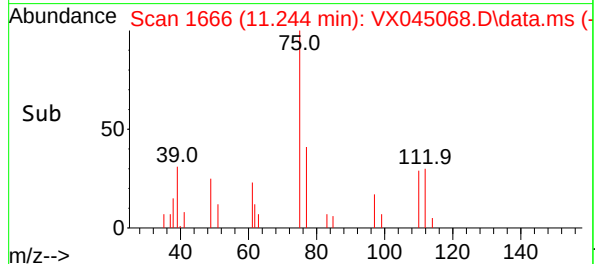
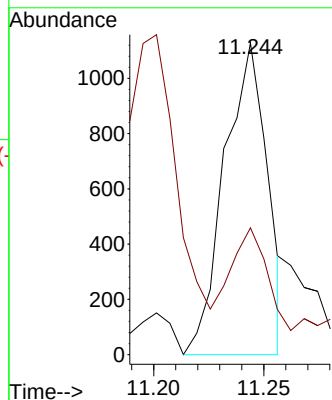
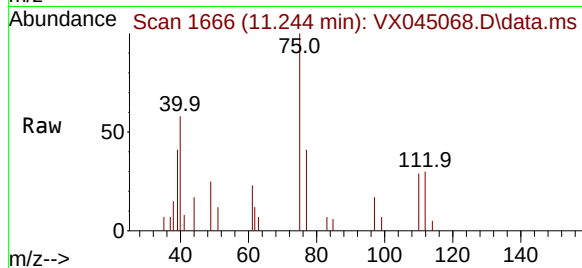
#76
1,2,3-Trichloropropane
Concen: 1.015 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 153
Ion Ratio Lower Upper
75 100
77 40.0 20.7 62.1

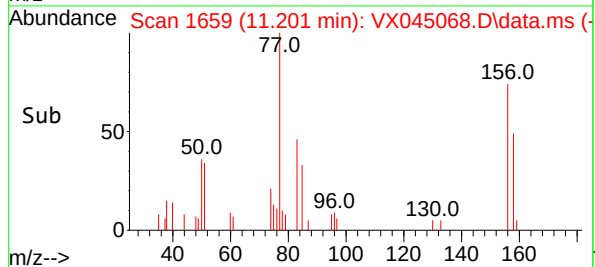
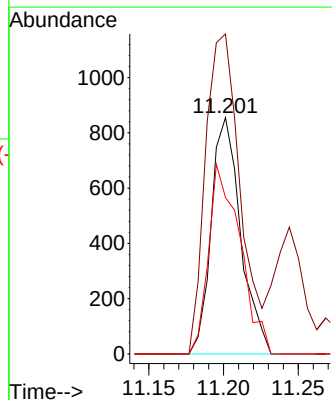
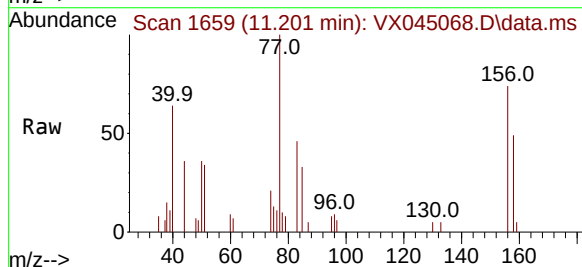
Manual Integrations
APPROVED

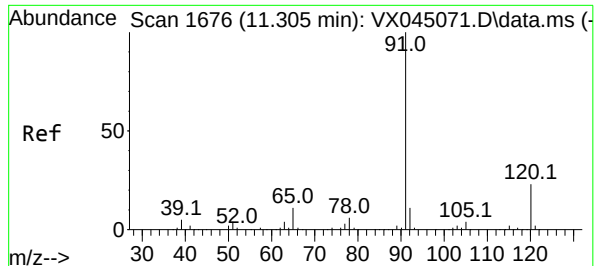
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#77
Bromobenzene
Concen: 0.972 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:156 Resp: 1166
Ion Ratio Lower Upper
156 100
77 159.8 85.8 257.4
158 86.2 48.4 145.2





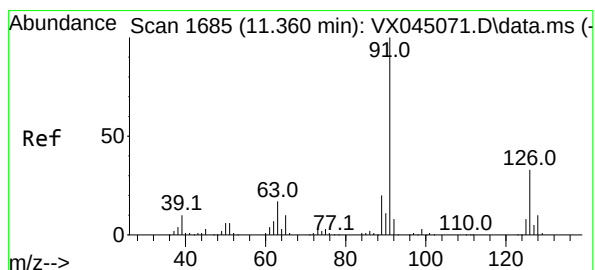
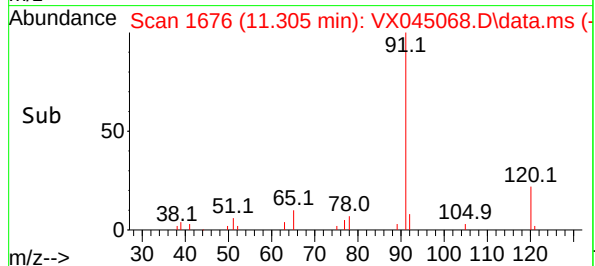
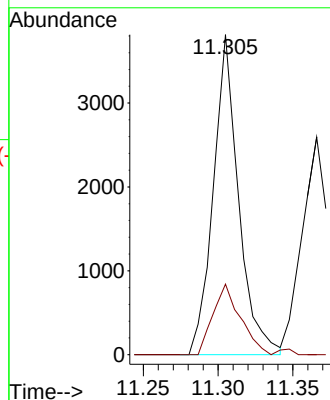
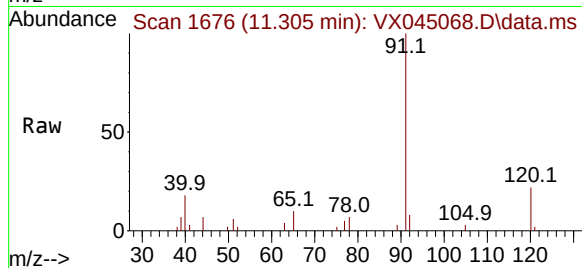
#78
n-propylbenzene
Concen: 0.773 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 4475
Ion Ratio Lower Upper
91 100
120 23.9 11.2 33.6

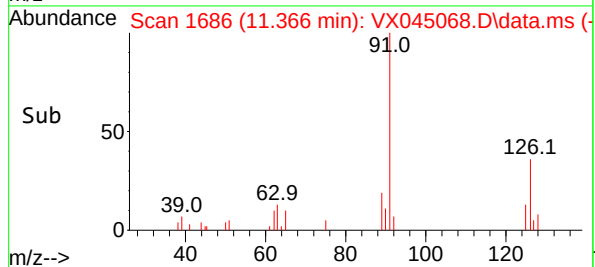
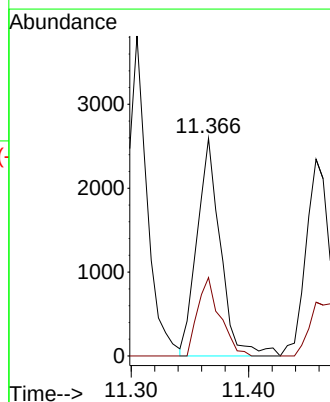
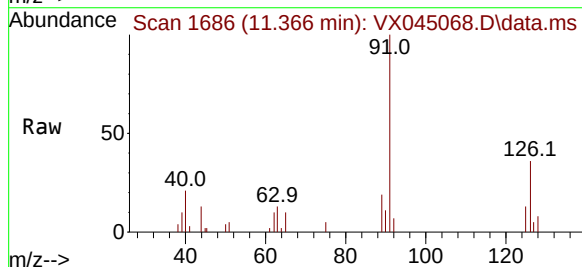
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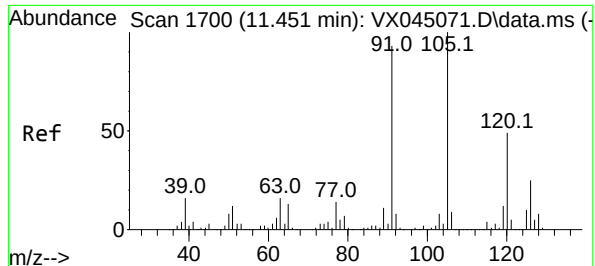
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#79
2-Chlorotoluene
Concen: 0.986 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 91 Resp: 3616
Ion Ratio Lower Upper
91 100
126 34.2 16.4 49.4





#80

1,3,5-Trimethylbenzene

Concen: 0.815 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion:105 Resp: 3380

Ion Ratio Lower Upper

105 100

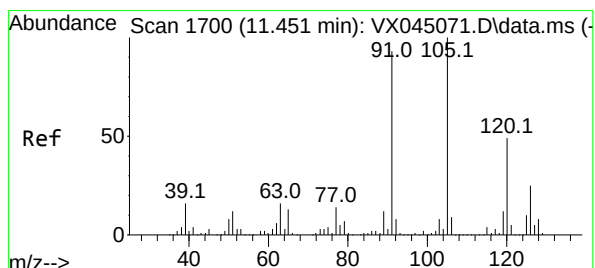
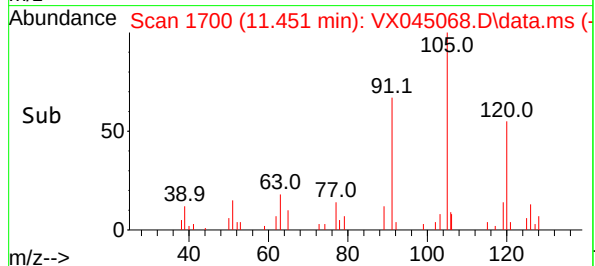
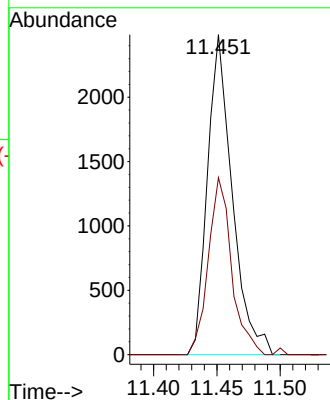
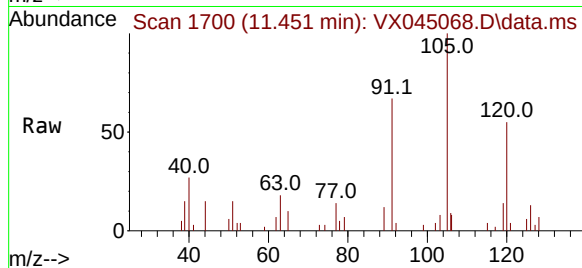
120 52.2 24.1 72.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#82

4-Chlorotoluene

Concen: 0.904 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VX045068.D

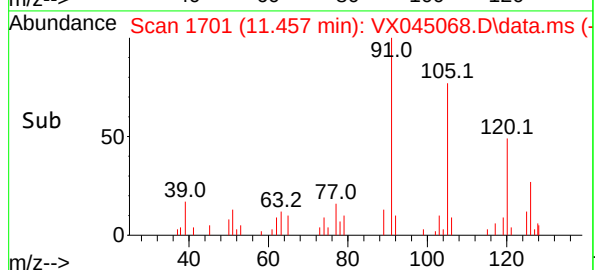
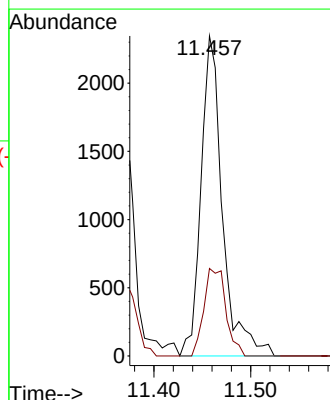
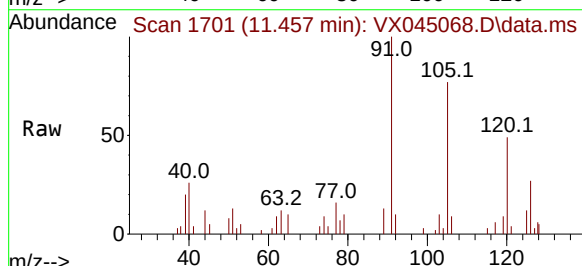
Acq: 28 Feb 2025 01:27

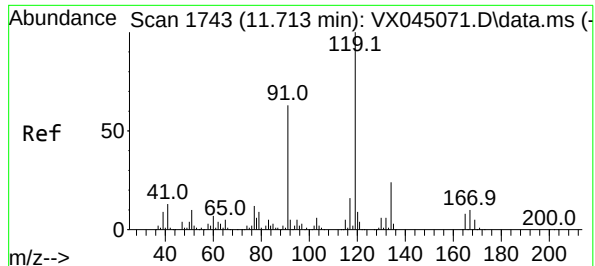
Tgt Ion: 91 Resp: 3631

Ion Ratio Lower Upper

91 100

126 28.0 14.1 42.4





#83

tert-Butylbenzene

Concen: 0.929 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

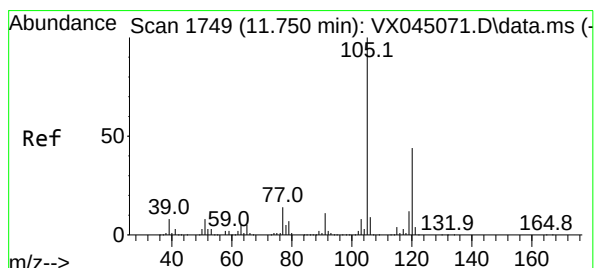
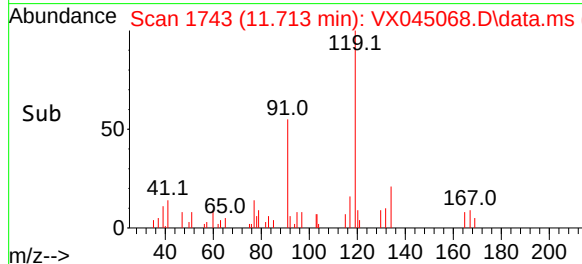
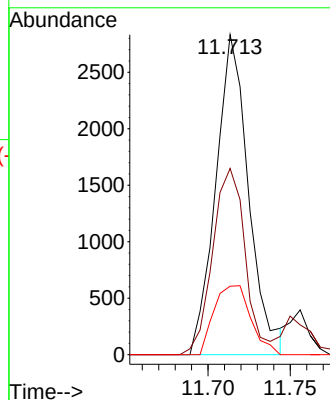
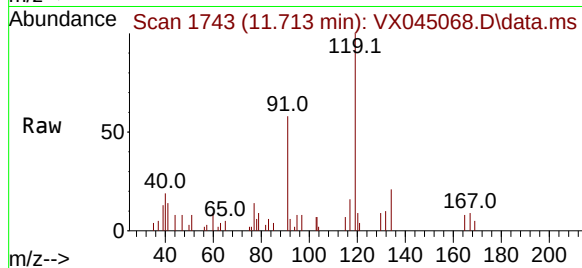
Tgt Ion:	119	Resp:	3928
Ion	Ratio	Lower	Upper
119	100		
91	57.7	30.7	92.1
134	24.2	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#84

1,2,4-Trimethylbenzene

Concen: 0.827 ug/l

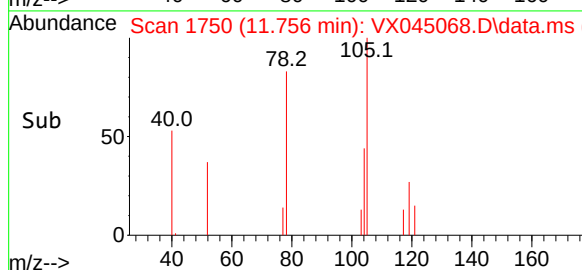
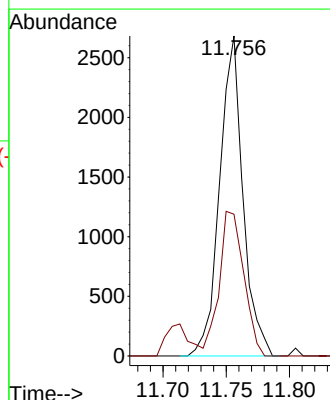
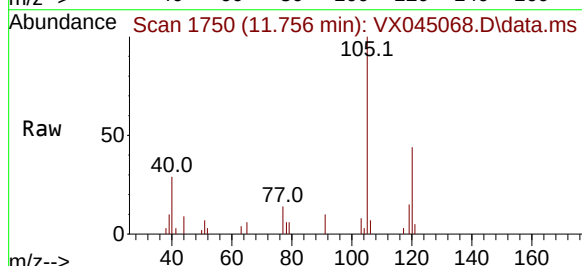
RT: 11.756 min Scan# 1750

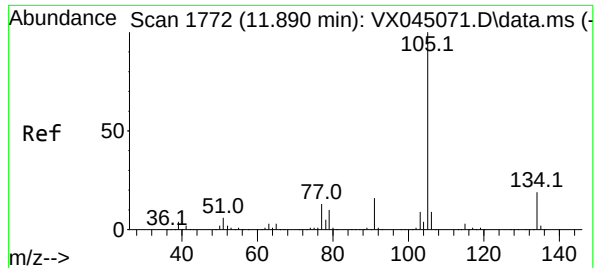
Delta R.T. 0.006 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

Tgt Ion:	105	Resp:	3432
Ion	Ratio	Lower	Upper
105	100		
120	47.5	22.1	66.1





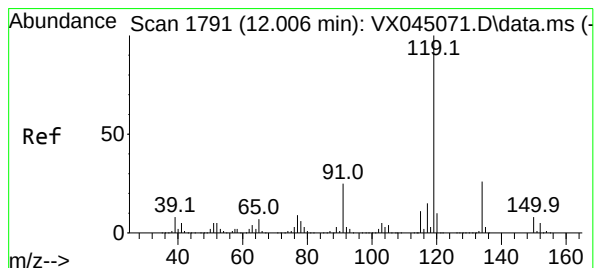
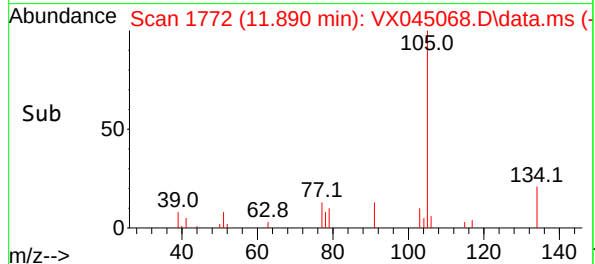
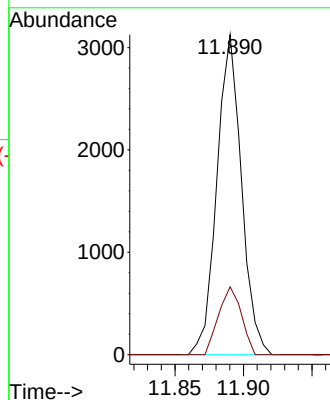
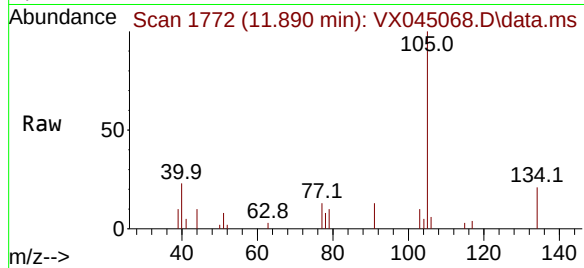
#85
sec-Butylbenzene
Concen: 0.752 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 389
Ion Ratio Lower Upper
105 100
134 19.5 9.8 29.4

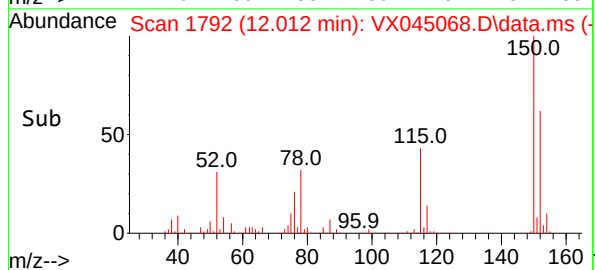
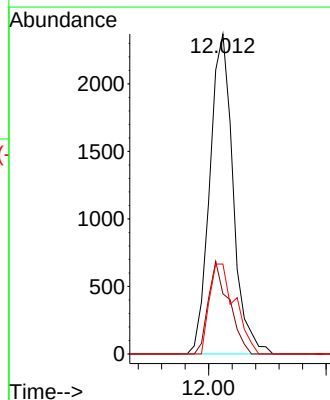
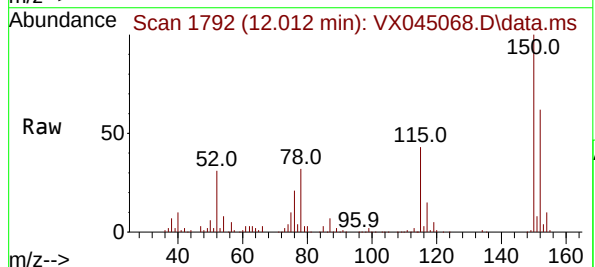
Manual Integrations
APPROVED

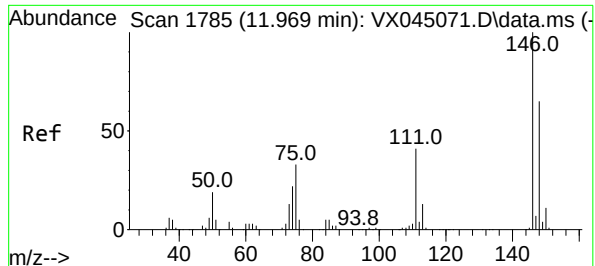
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#86
p-Isopropyltoluene
Concen: 0.797 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:119 Resp: 3257
Ion Ratio Lower Upper
119 100
134 25.6 12.9 38.6
91 30.9 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 0.913 ug/l

RT: 11.976 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

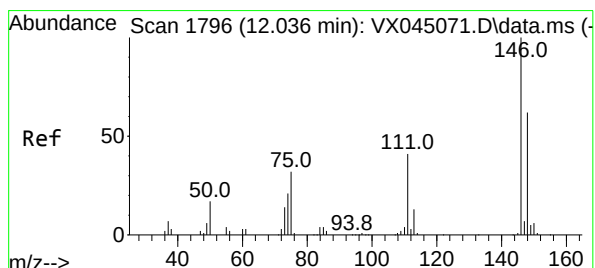
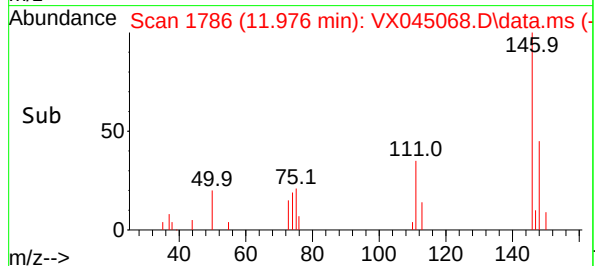
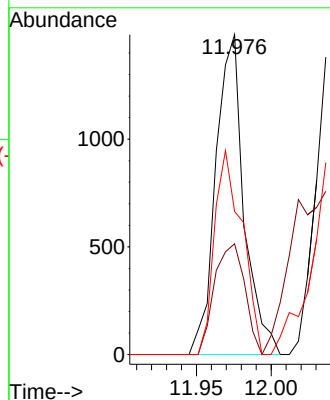
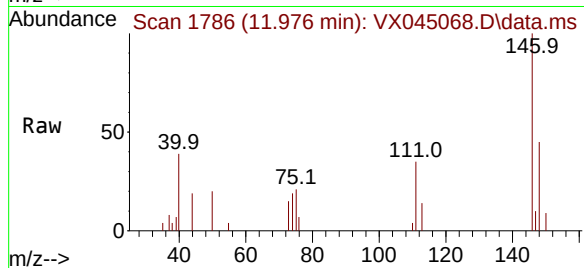
Tgt Ion:	146	Resp:	194
Ion Ratio	Lower	Upper	
146	100		
111	37.1	21.1	63.4
148	62.4	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#88

1,4-Dichlorobenzene

Concen: 0.962 ug/l m

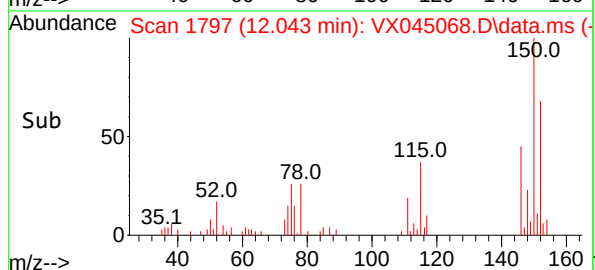
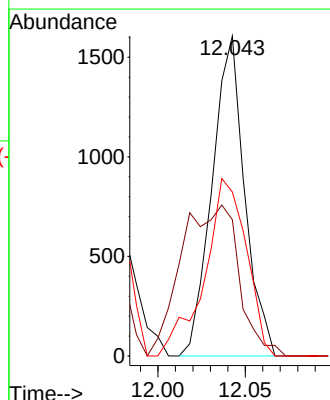
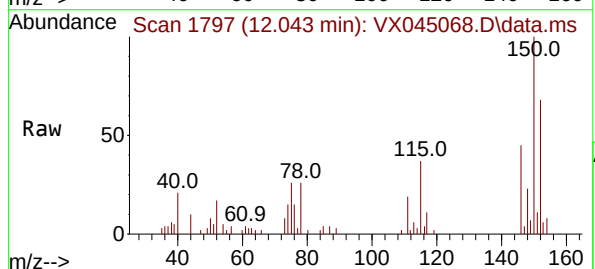
RT: 12.043 min Scan# 1797

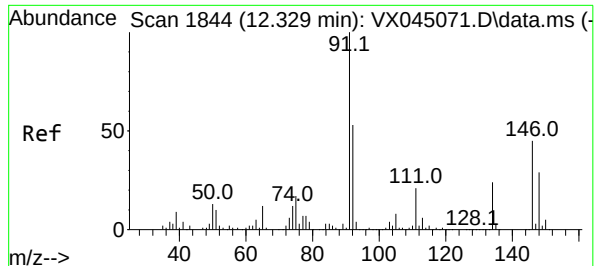
Delta R.T. 0.006 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

Tgt Ion:	146	Resp:	2082
Ion Ratio	Lower	Upper	
146	100		
111	34.7	20.2	60.5
148	58.4	31.9	95.9





#89

n-Butylbenzene

Concen: 0.691 ug/l

RT: 12.335 min Scan# 1844

Delta R.T. 0.006 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

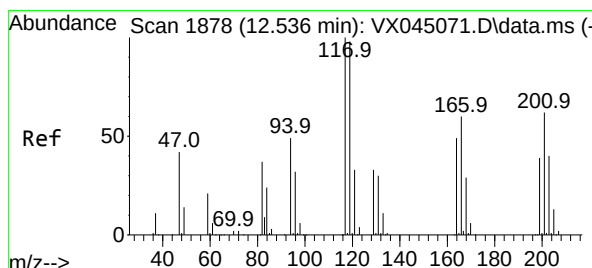
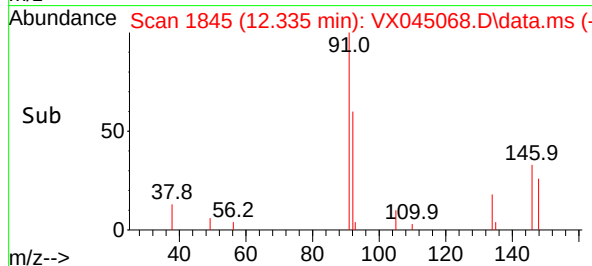
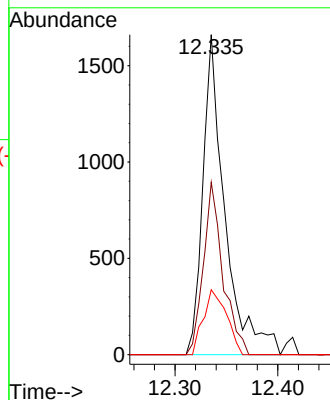
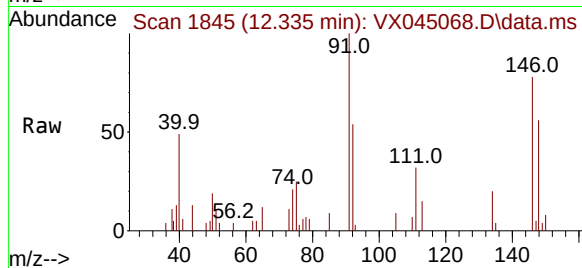
Tgt Ion:	91	Resp:	2470
Ion	Ratio	Lower	Upper
91	100		
92	48.0	26.7	80.0
134	21.4	12.2	36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#90

Hexachloroethane

Concen: 0.805 ug/l

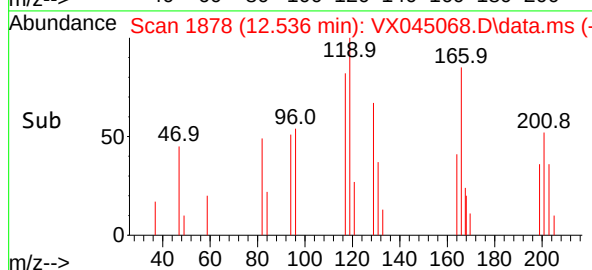
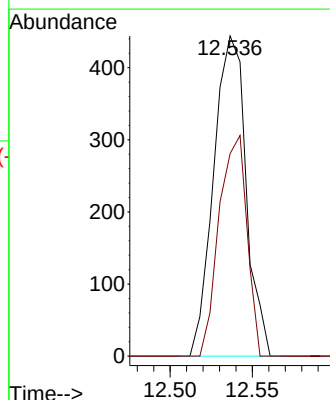
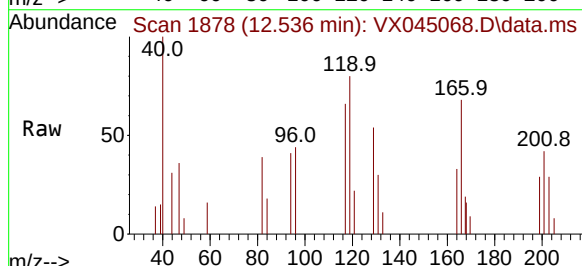
RT: 12.536 min Scan# 1878

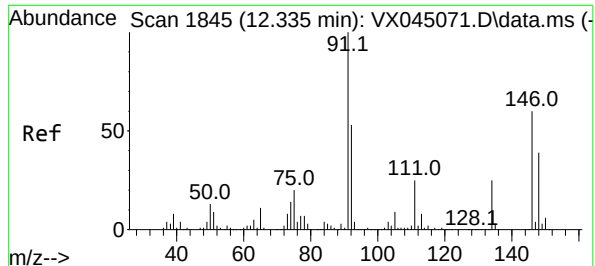
Delta R.T. 0.000 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

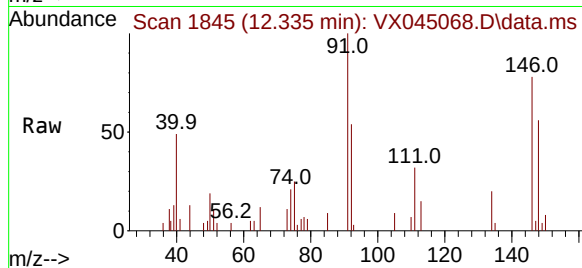
Tgt Ion:	117	Resp:	609
Ion	Ratio	Lower	Upper
117	100		
201	58.9	31.9	95.9





#91
1,2-Dichlorobenzene
Concen: 0.890 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

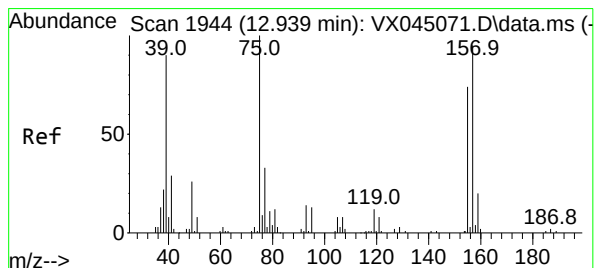
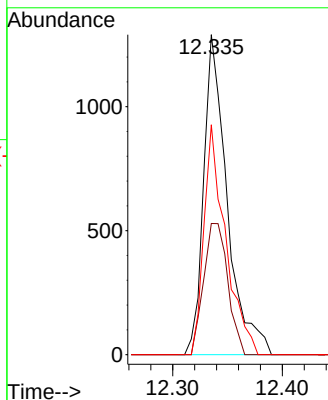
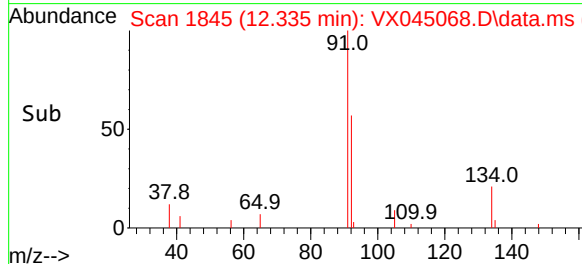
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 146 Resp: 1918
Ion Ratio Lower Upper
146 100
111 42.0 21.6 65.0
148 66.1 31.9 95.9

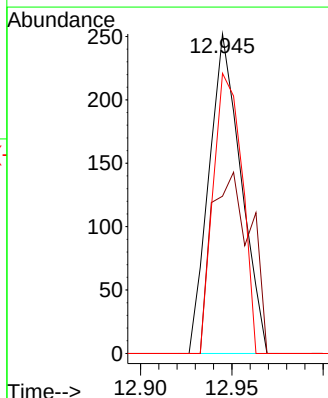
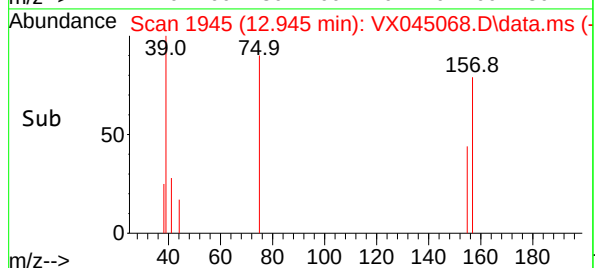
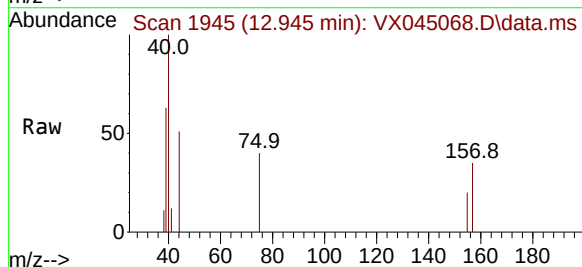
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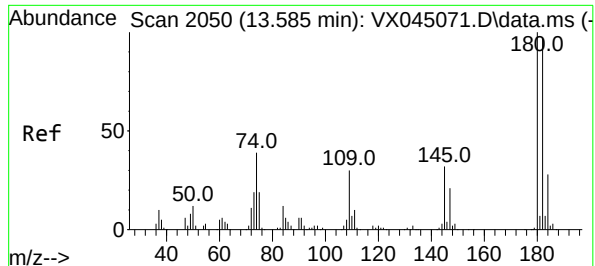
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.859 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 75 Resp: 308
Ion Ratio Lower Upper
75 100
155 69.2 39.6 118.7
157 78.6 51.1 153.4





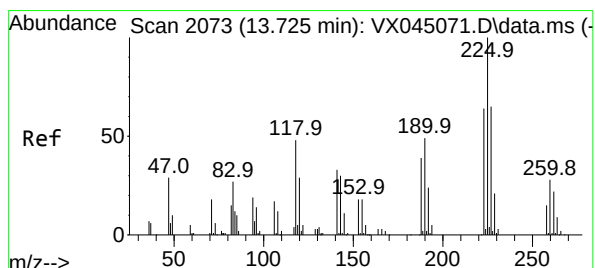
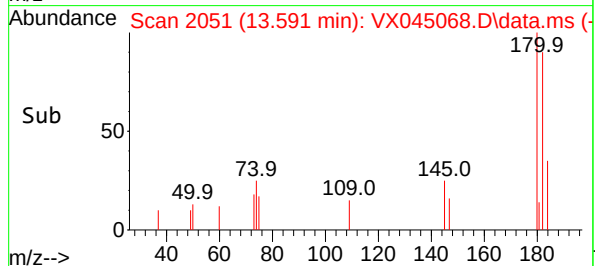
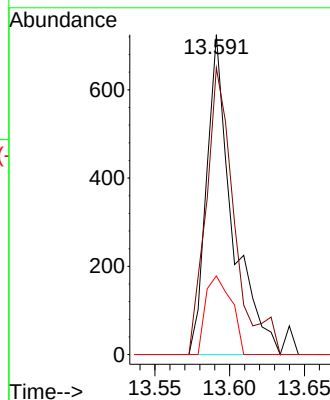
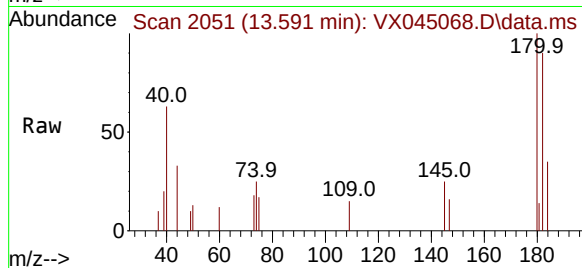
#93
1,2,4-Trichlorobenzene
Concen: 0.706 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:180 Resp: 860
Ion Ratio Lower Upper
180 100
182 98.7 47.3 141.9
145 24.5 16.3 48.9

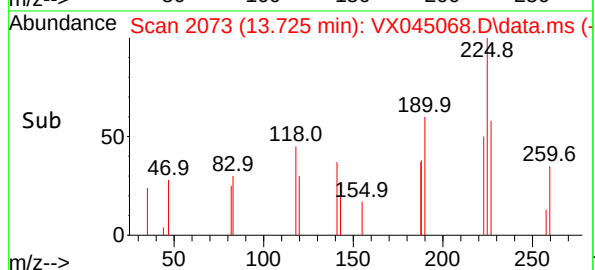
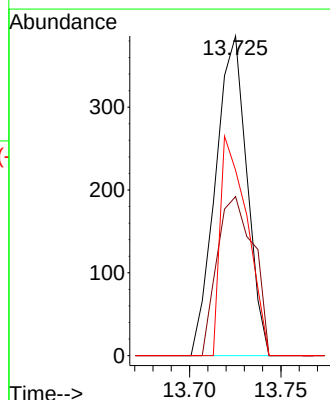
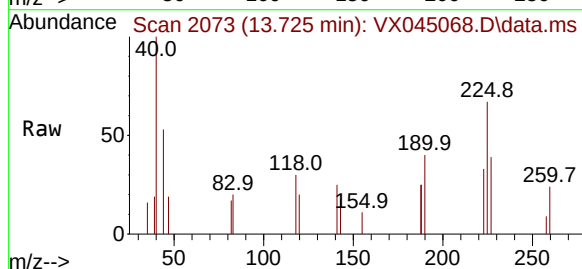
Manual Integrations
APPROVED

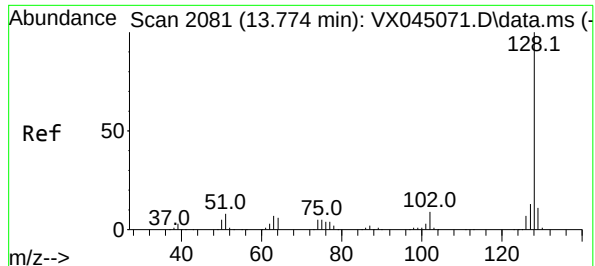
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#94
Hexachlorobutadiene
Concen: 0.917 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

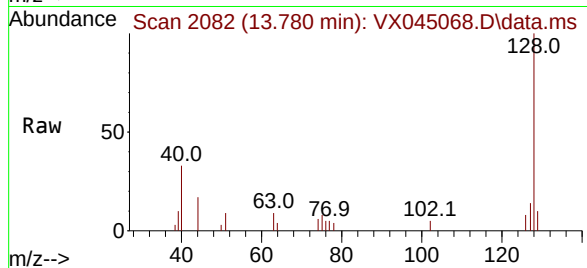
Tgt Ion:225 Resp: 462
Ion Ratio Lower Upper
225 100
223 57.8 31.9 95.7
227 58.7 31.4 94.0





#95
Naphthalene
Concen: 0.707 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

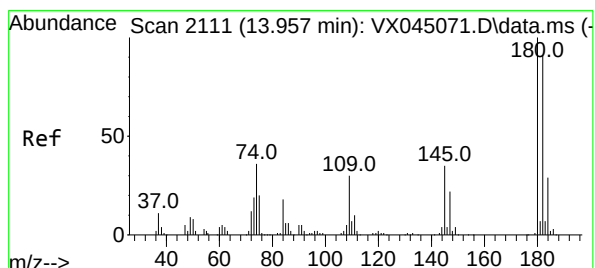
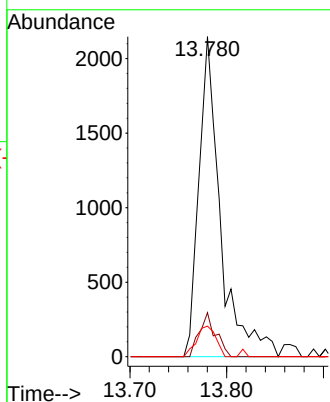
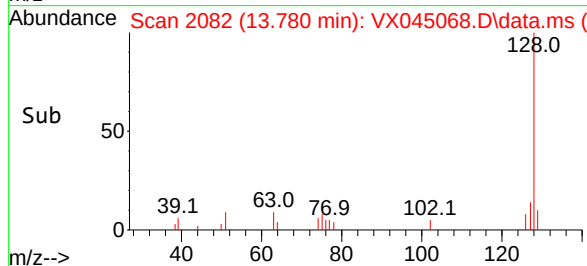
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion:128 Resp: 333
Ion Ratio Lower Upper
128 100
127 10.5 10.3 15.5
129 8.6 8.7 13.1

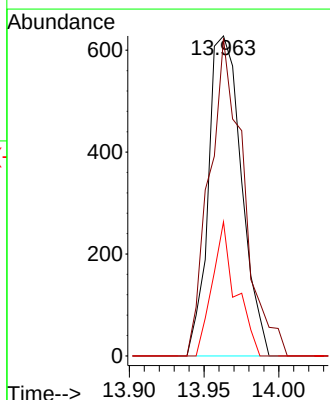
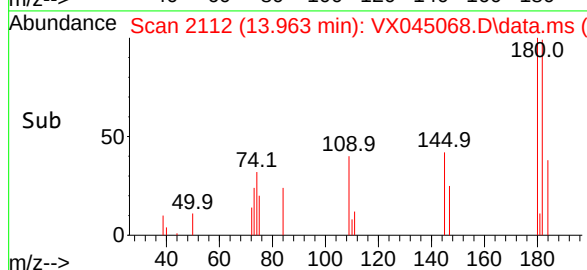
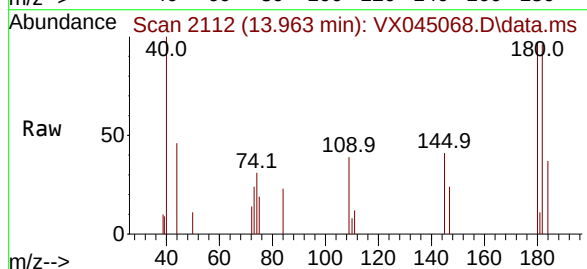
Manual Integrations
APPROVED

Reviewed By :John Carbone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#96
1,2,3-Trichlorobenzene
Concen: 0.759 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:180 Resp: 969
Ion Ratio Lower Upper
180 100
182 102.3 47.5 142.6
145 29.8 17.0 50.9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
 Data File : VX045069.D
 Acq On : 28 Feb 2025 02:13
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Feb 28 05:32:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 05:28:02 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/28/2025
 Supervised By : Mahesh Dadoda 02/28/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	107391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	194243	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	172367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	73591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	8978	5.659	ug/l	0.01
Spiked Amount 50.000	Range 74 - 125		Recovery =	11.320%#		
35) Dibromofluoromethane	5.391	113	6398	5.039	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.080%#		
50) Toluene-d8	8.647	98	24037	5.057	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.120%#		
62) 4-Bromofluorobenzene	11.079	95	7436	4.685	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	9.360%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	6941	4.689	ug/l	96
3) Chloromethane	1.307	50	8819	4.896	ug/l	99
4) Vinyl Chloride	1.374	62	8106	4.608	ug/l	94
5) Bromomethane	1.593	94	3620	6.582	ug/l	96
6) Chloroethane	1.660	64	4517	6.746	ug/l	91
7) Trichlorofluoromethane	1.867	101	11392	5.056	ug/l	95
8) Diethyl Ether	2.136	74	4314	5.268	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	6586	4.894	ug/l	98
10) Methyl Iodide	2.441	142	6520	3.780	ug/l	95
11) Tert butyl alcohol	2.983	59	10164m	34.976	ug/l	
12) 1,1-Dichloroethene	2.313	96	6658	4.819	ug/l	94
13) Acrolein	2.233	56	8725	27.725	ug/l	97
14) Allyl chloride	2.654	41	11244	4.527	ug/l	96
15) Acrylonitrile	3.068	53	21381	27.072	ug/l	99
16) Acetone	2.386	43	19512	29.891	ug/l	97
17) Carbon Disulfide	2.502	76	16984	4.518	ug/l	99
18) Methyl Acetate	2.703	43	8964	4.559	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	20546	4.651	ug/l	95
20) Methylene Chloride	2.782	84	7835	5.068	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	6651	4.895	ug/l	94
22) Diisopropyl ether	3.763	45	23151	4.875	ug/l #	82
23) Vinyl Acetate	3.721	43	88852	22.788	ug/l	98
24) 1,1-Dichloroethane	3.605	63	13132	4.949	ug/l	99
25) 2-Butanone	4.574	43	29277	27.819	ug/l	99
26) 2,2-Dichloropropane	4.471	77	6034	3.059	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	8012	4.892	ug/l	97
28) Bromochloromethane	4.904	49	6797	5.311	ug/l #	96
29) Tetrahydrofuran	5.013	42	20186	28.950	ug/l	99
30) Chloroform	5.093	83	13390	5.159	ug/l	96
31) Cyclohexane	5.464	56	10968	4.504	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	10654	4.876	ug/l	100
36) 1,1-Dichloropropene	5.690	75	8977	4.917	ug/l #	83
37) Ethyl Acetate	4.727	43	10459	5.035	ug/l	98
38) Carbon Tetrachloride	5.666	117	8997	5.013	ug/l	95
39) Methylcyclohexane	7.379	83	10291	4.414	ug/l	97
40) Benzene	6.037	78	28339	4.966	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
 Data File : VX045069.D
 Acq On : 28 Feb 2025 02:13
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/28/2025
 Supervised By : Mahesh Dadoda 02/28/2025

Quant Time: Feb 28 05:32:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 05:28:02 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	5700	5.136	ug/l	95
42) 1,2-Dichloroethane	6.092	62	10189	5.510	ug/l	98
43) Isopropyl Acetate	6.348	43	15543	4.700	ug/l	99
44) Trichloroethene	7.129	130	6827	5.234	ug/l	99
45) 1,2-Dichloropropane	7.427	63	7342	5.177	ug/l	95
46) Dibromomethane	7.586	93	5146	5.195	ug/l	97
47) Bromodichloromethane	7.824	83	9773	5.100	ug/l	99
48) Methyl methacrylate	7.696	41	8201	5.224	ug/l	95
49) 1,4-Dioxane	7.665	88	3531	105.826	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	55320	27.303	ug/l	99
52) Toluene	8.720	92	16933	4.997	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	7548	3.985	ug/l	94
54) cis-1,3-Dichloropropene	8.366	75	8988	4.244	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	6759	5.151	ug/l	97
56) Ethyl methacrylate	9.116	69	9712	4.628	ug/l	98
57) 1,3-Dichloropropane	9.305	76	12106	5.289	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	23212	22.527	ug/l	99
59) 2-Hexanone	9.433	43	39994	27.363	ug/l	99
60) Dibromochloromethane	9.519	129	6785	4.846	ug/l	98
61) 1,2-Dibromoethane	9.610	107	6832	5.161	ug/l	95
64) Tetrachloroethene	9.269	164	5615	5.128	ug/l	93
65) Chlorobenzene	10.079	112	18161	4.908	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	5702	4.781	ug/l	96
67) Ethyl Benzene	10.195	91	30918	4.725	ug/l	98
68) m/p-Xylenes	10.299	106	23152	9.608	ug/l	97
69) o-Xylene	10.640	106	11881	4.914	ug/l	95
70) Styrene	10.659	104	18278	4.704	ug/l	99
71) Bromoform	10.799	173	4027	4.541	ug/l #	98
73) Isopropylbenzene	10.963	105	29685	4.991	ug/l	98
74) N-amyl acetate	10.848	43	11609	4.300	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	10881	5.310	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	8839m	5.384	ug/l	
77) Bromobenzene	11.195	156	6970	5.163	ug/l	96
78) n-propylbenzene	11.305	91	32196	4.694	ug/l	99
79) 2-Chlorotoluene	11.366	91	21253	5.048	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	23627	4.897	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	1971	3.256	ug/l #	83
82) 4-Chlorotoluene	11.457	91	22190	4.761	ug/l	98
83) tert-Butylbenzene	11.713	119	23960	4.910	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	23561	4.960	ug/l	99
85) sec-Butylbenzene	11.890	105	28314	4.687	ug/l	99
86) p-Isopropyltoluene	12.006	119	21977	4.532	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	12157	4.926	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	12526	5.014	ug/l	96
89) n-Butylbenzene	12.335	91	17358	4.072	ug/l	99
90) Hexachloroethane	12.536	117	3665	4.052	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	12477	5.138	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1787	4.712	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	6040	4.114	ug/l	97
94) Hexachlorobutadiene	13.725	225	2716	4.640	ug/l	97
95) Naphthalene	13.780	128	22927	4.287	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	6600	4.437	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045069.D
Acq On : 28 Feb 2025 02:13
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

Quant Time: Feb 28 05:32:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

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

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

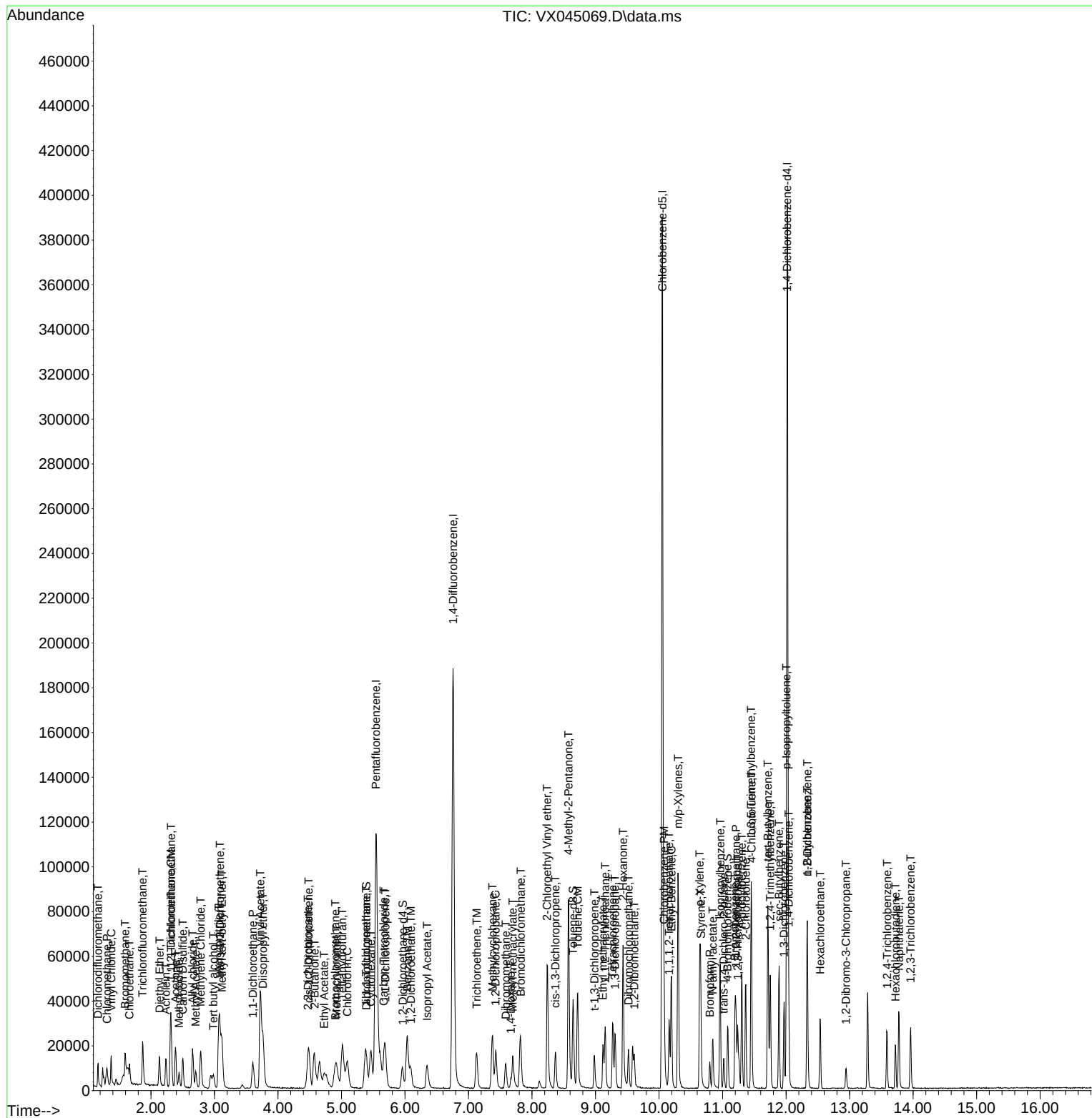
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\  
Data File : VX045069.D  
Acq On    : 28 Feb 2025   02:13  
Operator  : JC/MD  
Sample    : VSTDIC005  
Misc      : 5.0mL/MSVOA_X/WATER  
ALS Vial  : 18   Sample Multiplier: 1
```

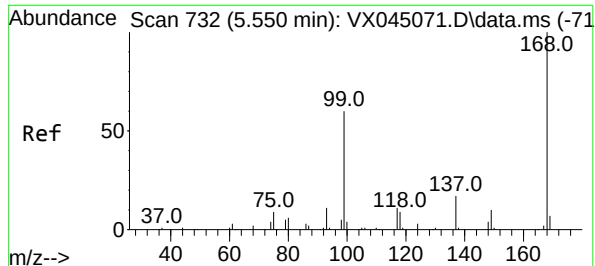
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

Quant Time: Feb 28 05:32:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration





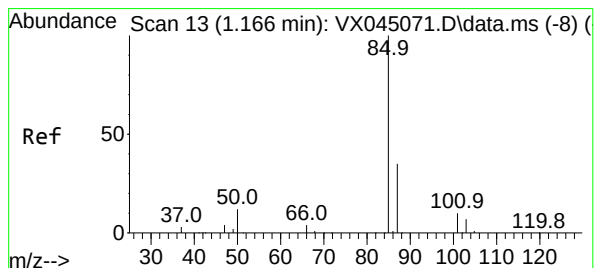
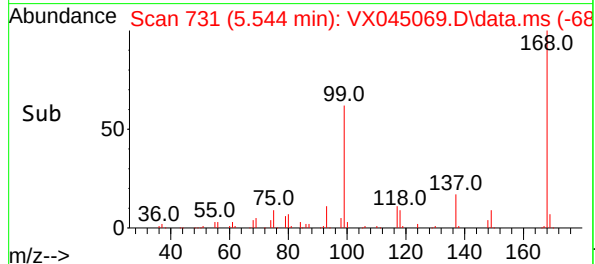
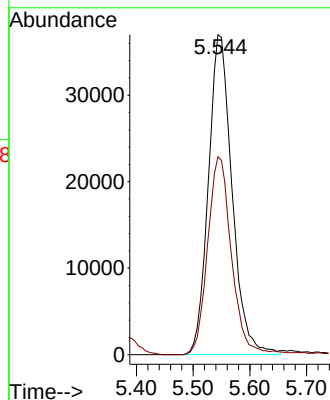
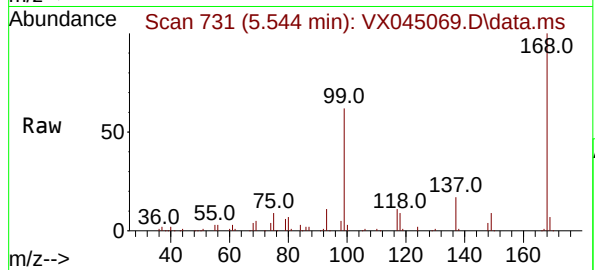
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:168 Resp: 10739
Ion Ratio Lower Upper
168 100
99 61.8 48.2 72.4

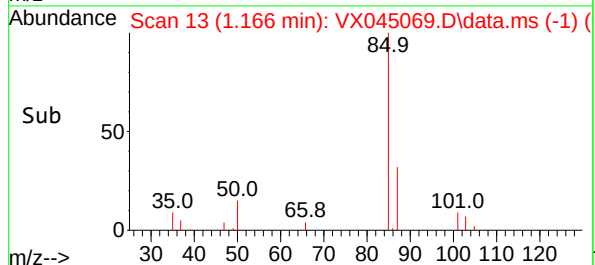
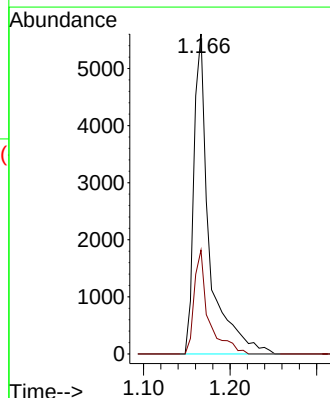
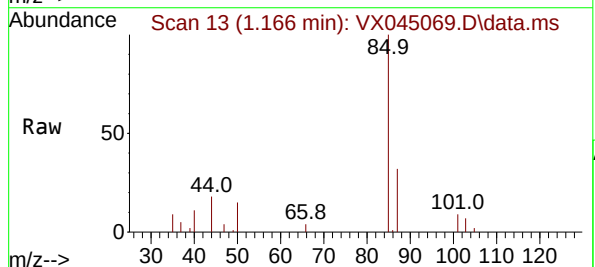
Manual Integrations
APPROVED

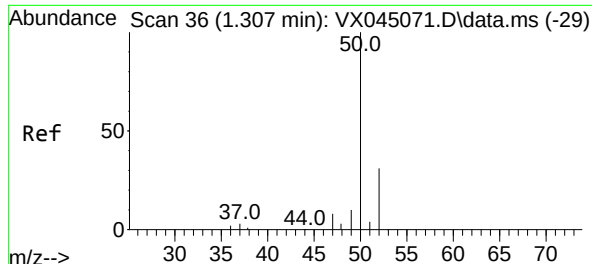
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#2
Dichlorodifluoromethane
Concen: 4.689 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 85 Resp: 6941
Ion Ratio Lower Upper
85 100
87 32.4 17.4 52.3





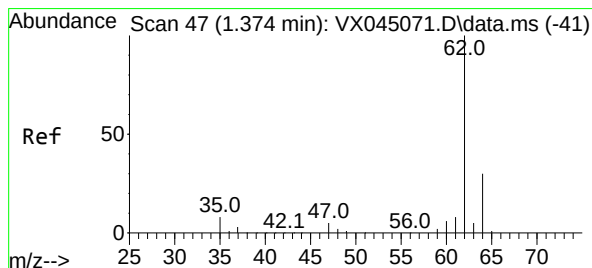
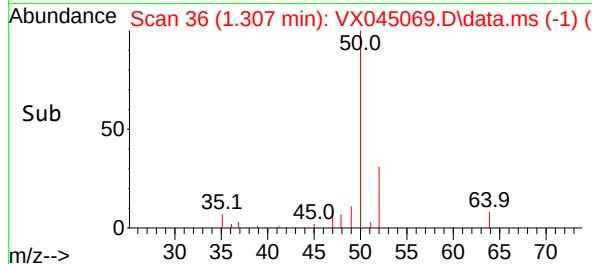
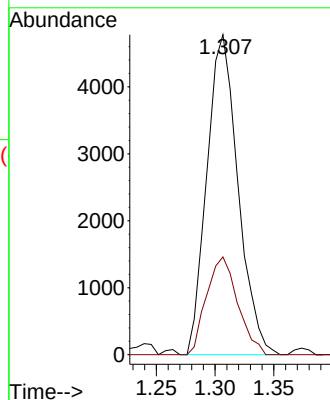
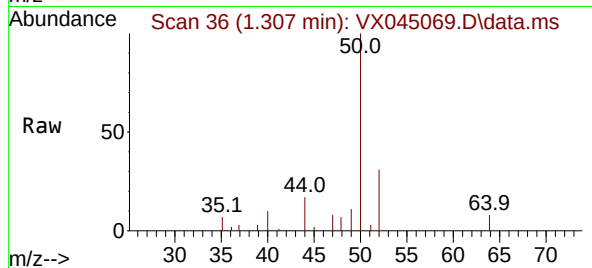
#3
Chloromethane
Concen: 4.896 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 50 Resp: 8819
Ion Ratio Lower Upper
50 100
52 30.6 25.0 37.4

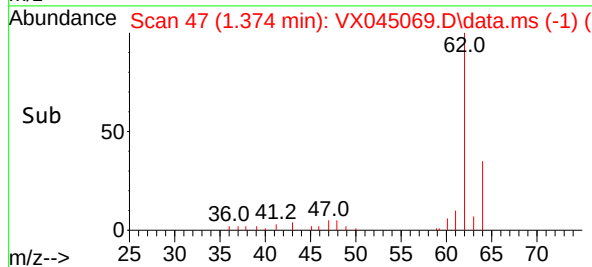
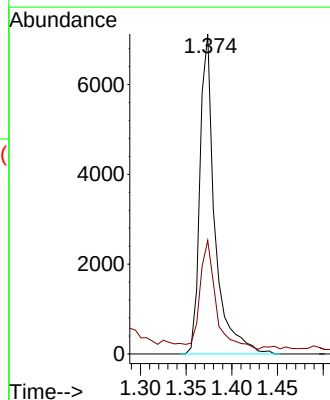
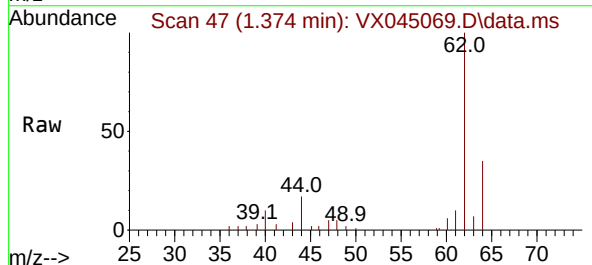
Manual Integrations
APPROVED

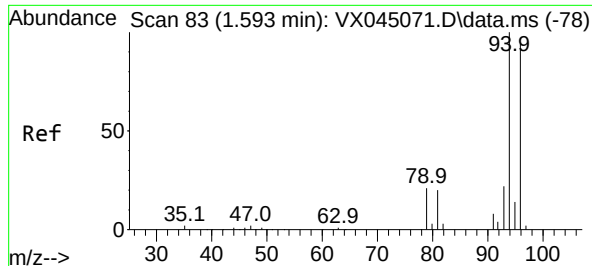
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#4
Vinyl Chloride
Concen: 4.608 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 62 Resp: 8106
Ion Ratio Lower Upper
62 100
64 33.9 24.3 36.5





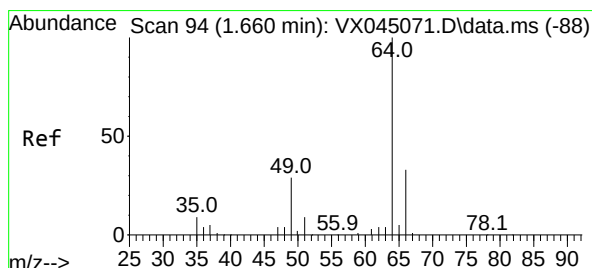
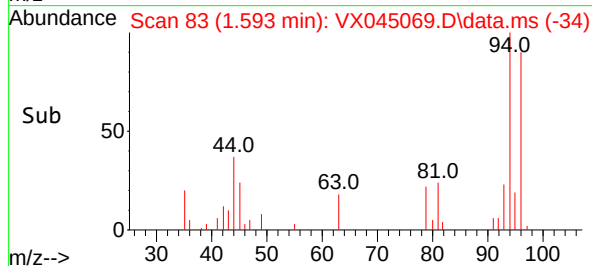
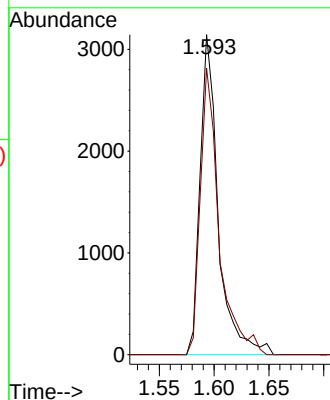
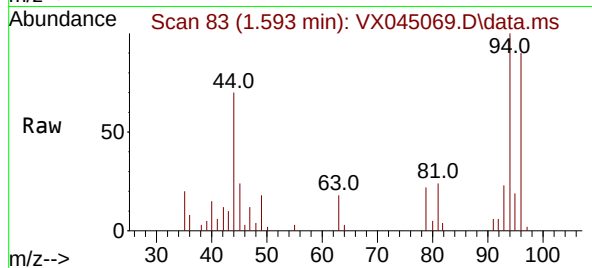
#5
Bromomethane
Concen: 6.582 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 94 Resp: 3620
Ion Ratio Lower Upper
94 100
96 89.5 75.0 112.4

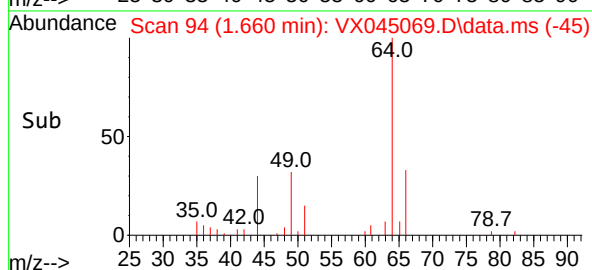
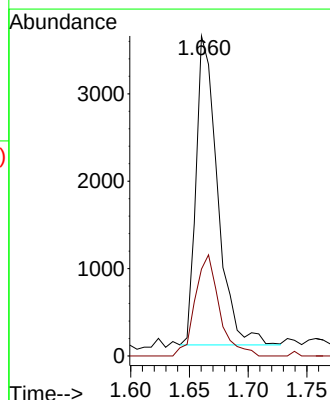
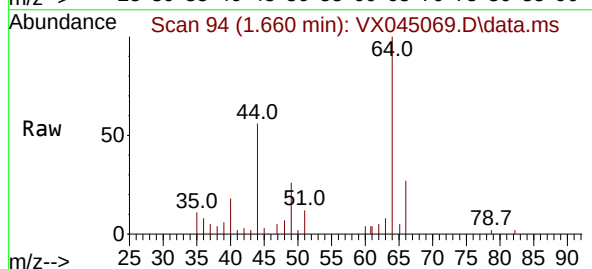
Manual Integrations
APPROVED

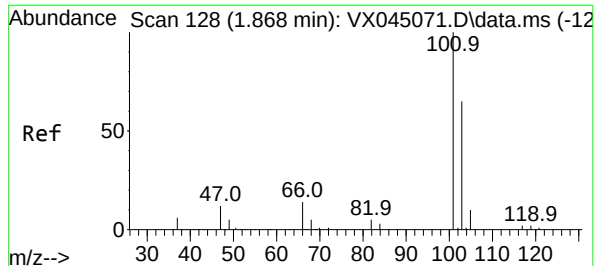
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#6
Chloroethane
Concen: 6.746 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

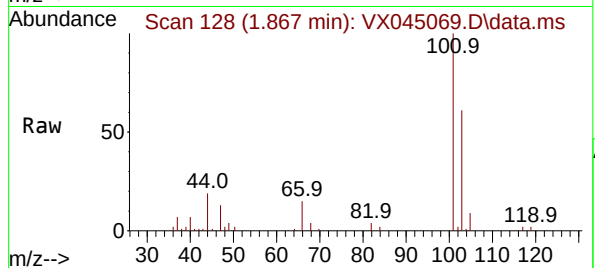
Tgt Ion: 64 Resp: 4517
Ion Ratio Lower Upper
64 100
66 28.1 26.7 40.1





#7
Trichlorofluoromethane
Concen: 5.056 ug/l
RT: 1.867 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

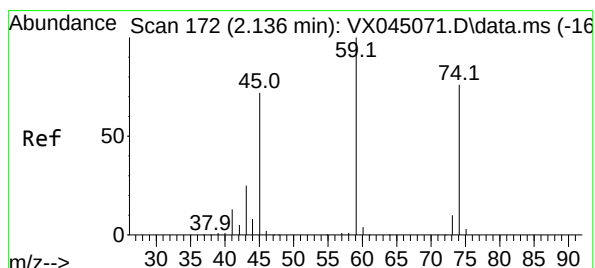
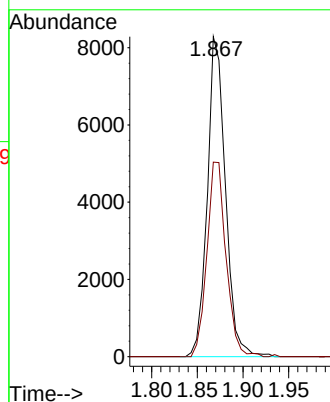
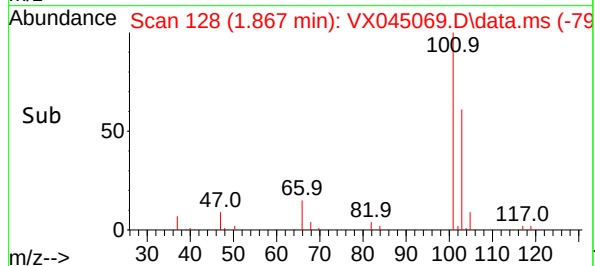
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:101 Resp: 1139
Ion Ratio Lower Upper
101 100
103 60.8 52.1 78.1

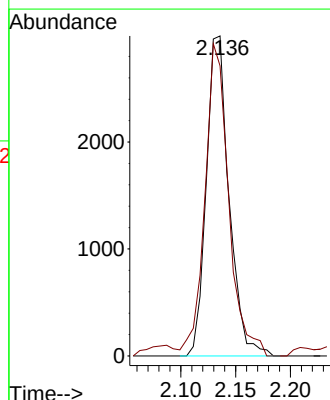
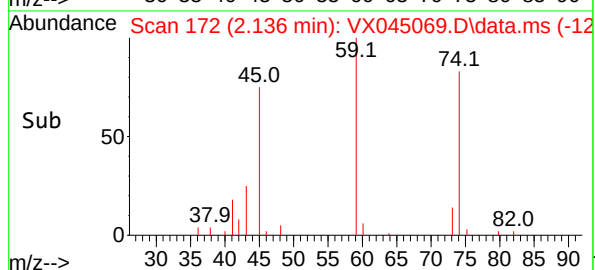
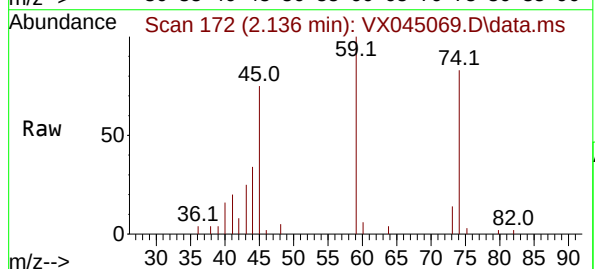
Manual Integrations
APPROVED

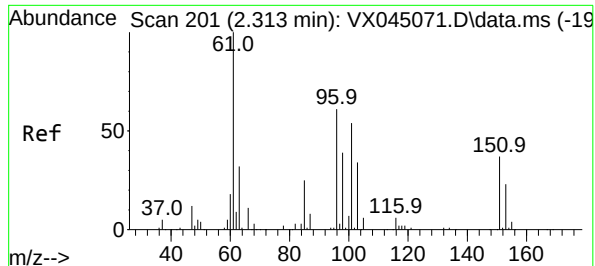
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#8
Diethyl Ether
Concen: 5.268 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 74 Resp: 4314
Ion Ratio Lower Upper
74 100
45 101.9 51.5 154.5





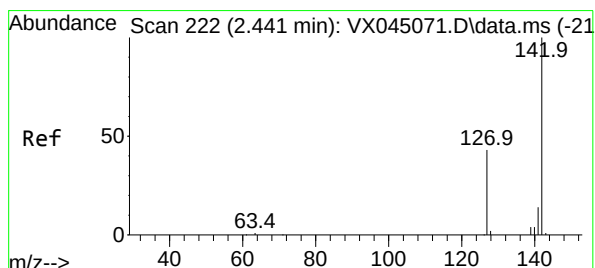
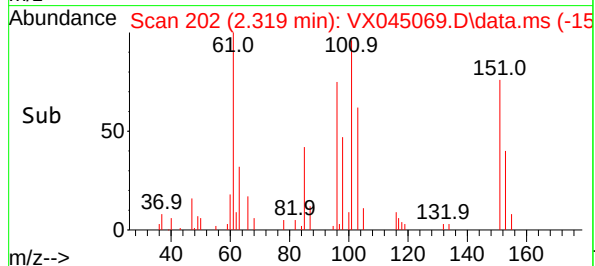
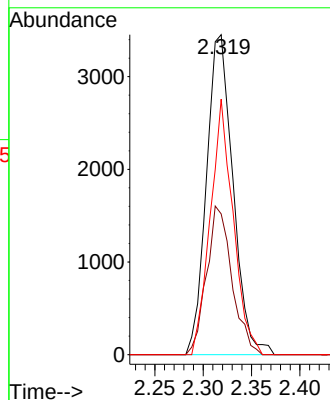
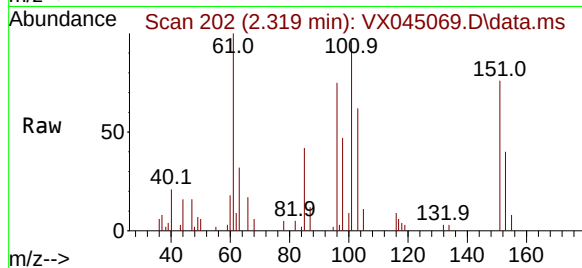
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.894 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 6580
Ion Ratio Lower Upper
101 100
85 44.4 36.2 54.4
151 69.0 56.4 84.6

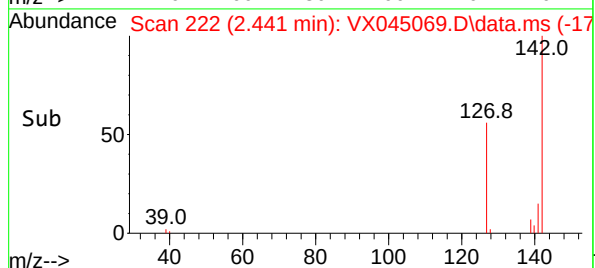
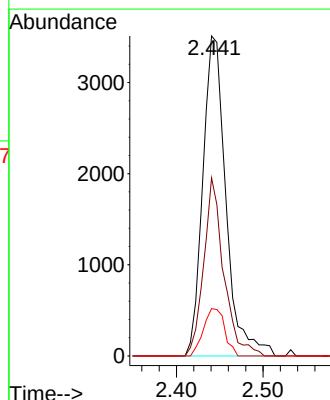
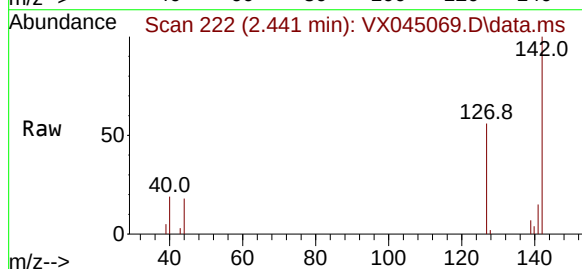
Manual Integrations
APPROVED

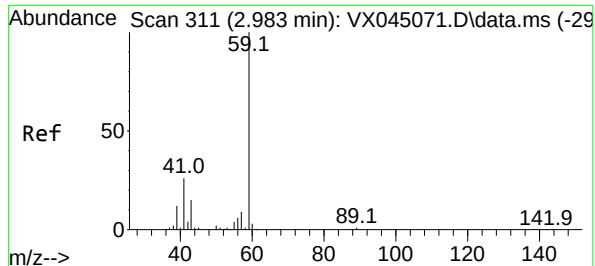
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#10
Methyl Iodide
Concen: 3.780 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:142 Resp: 6520
Ion Ratio Lower Upper
142 100
127 48.1 35.4 53.2
141 13.5 11.6 17.4





#11

Tert butyl alcohol

Concen: 34.976 ug/l m

RT: 2.983 min Scan# 311

Delta R.T. -0.000 min

Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 59 Resp: 10164

Ion Ratio Lower Upper

59 100

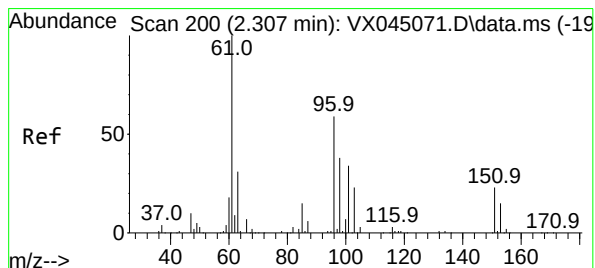
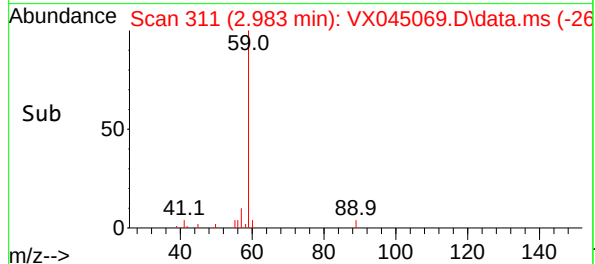
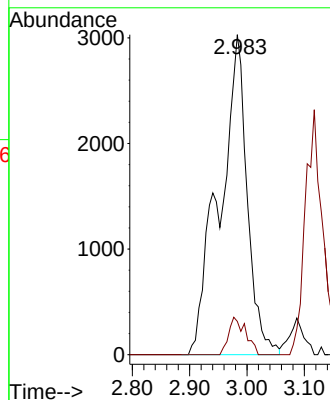
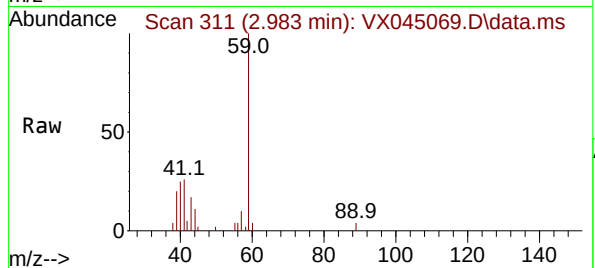
57 7.2 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#12

1,1-Dichloroethene

Concen: 4.819 ug/l

RT: 2.313 min Scan# 201

Delta R.T. 0.006 min

Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

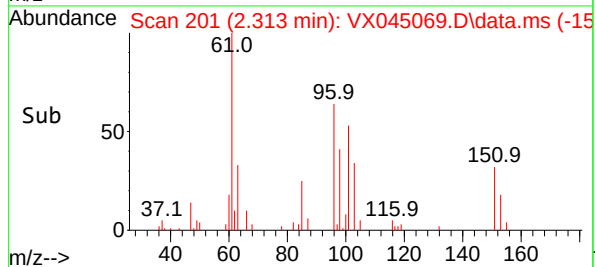
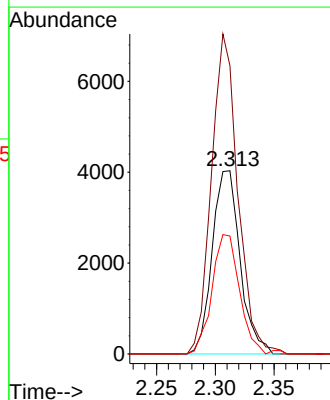
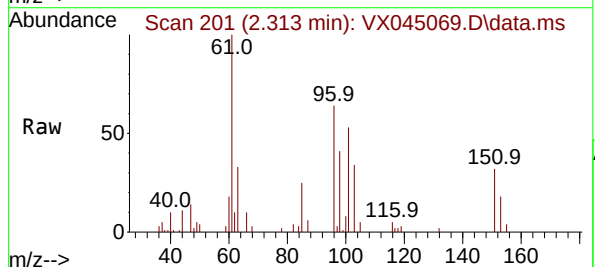
Tgt Ion: 96 Resp: 6658

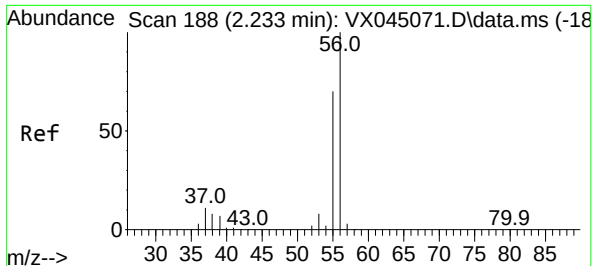
Ion Ratio Lower Upper

96 100

61 157.3 134.6 202.0

98 64.3 51.0 76.6





#13

Acrolein

Concen: 27.725 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.000 min

Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 56 Resp: 8725

Ion Ratio Lower Upper

56 100

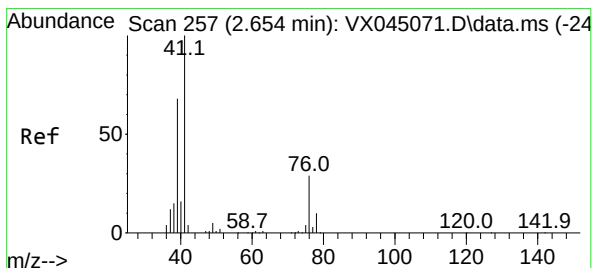
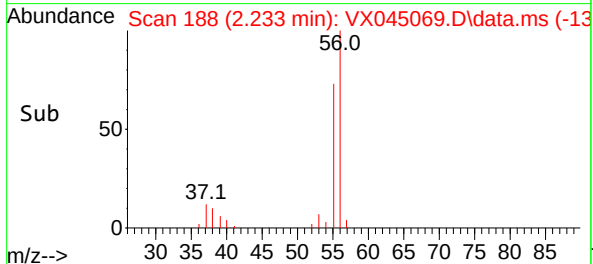
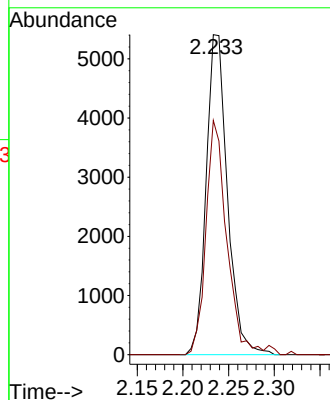
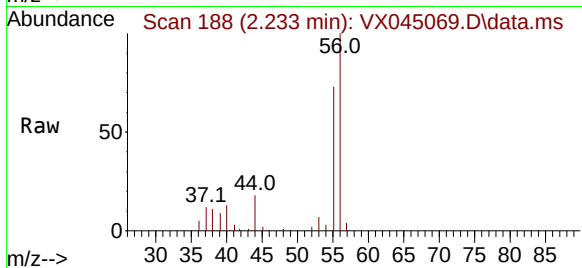
55 72.4 56.2 84.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#14

Allyl chloride

Concen: 4.527 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.000 min

Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

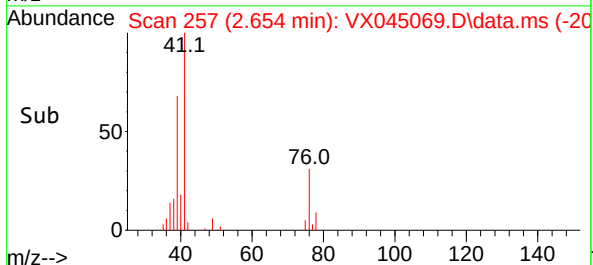
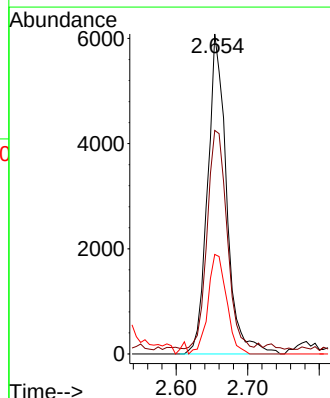
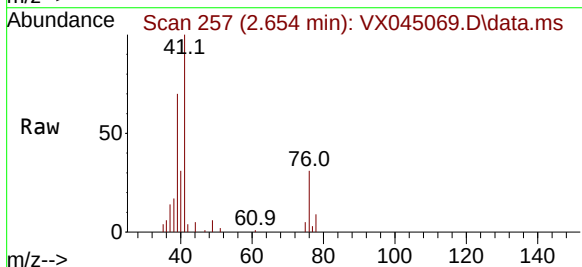
Tgt Ion: 41 Resp: 11244

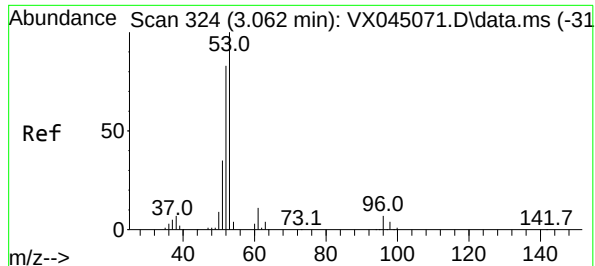
Ion Ratio Lower Upper

41 100

39 70.8 53.8 80.8

76 30.4 25.2 37.8





#15

Acrylonitrile

Concen: 27.072 ug/l

RT: 3.068 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

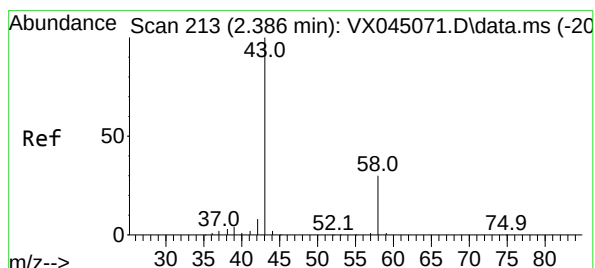
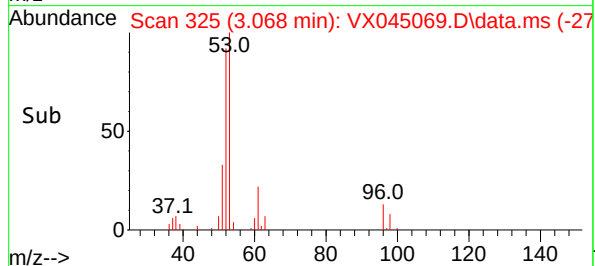
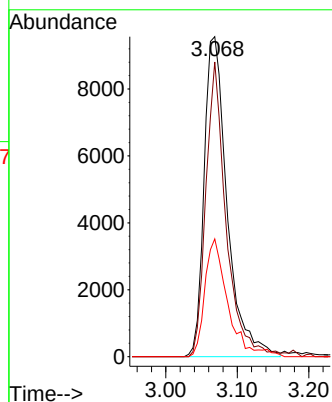
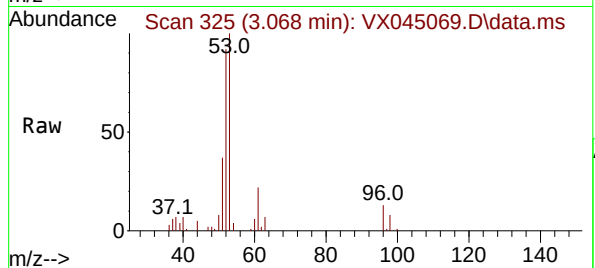
Tgt Ion:	53	Resp:	2138
Ion	Ratio	Lower	Upper
53	100		
52	81.1	66.2	99.2
51	36.7	29.0	43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#16

Acetone

Concen: 29.891 ug/l

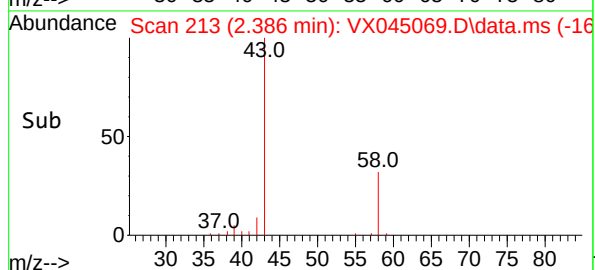
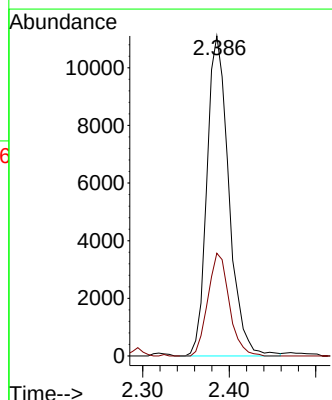
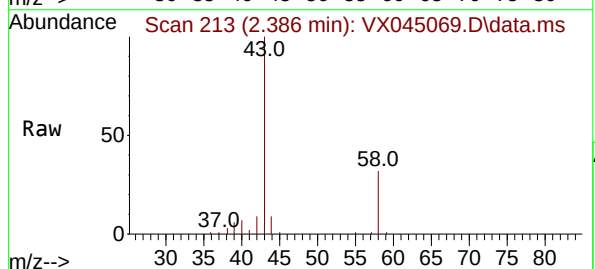
RT: 2.386 min Scan# 213

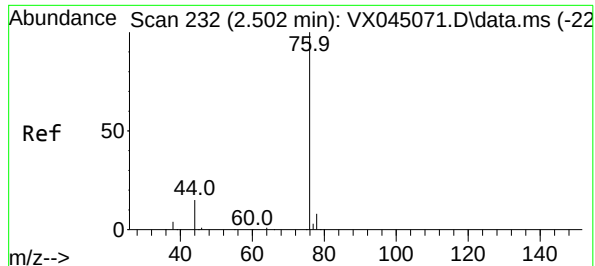
Delta R.T. -0.000 min

Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

Tgt Ion:	43	Resp:	19512
Ion	Ratio	Lower	Upper
43	100		
58	32.1	24.2	36.4





#17

Carbon Disulfide

Concen: 4.518 ug/l

RT: 2.502 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 16984

Ion Ratio Lower Upper

76 100

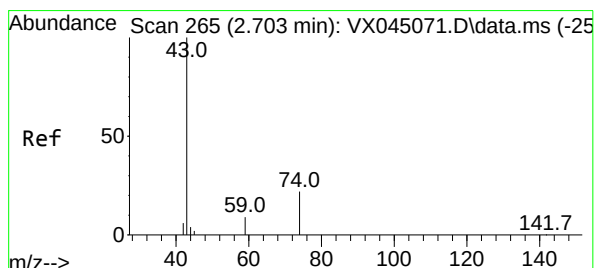
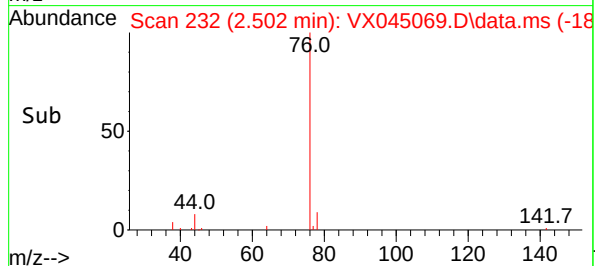
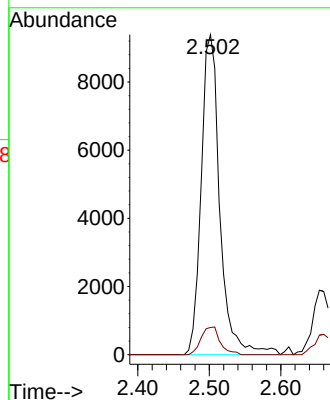
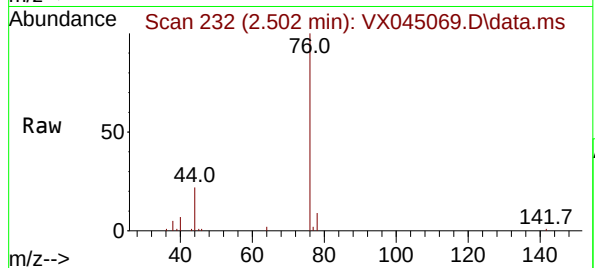
78 8.5 6.6 9.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#18

Methyl Acetate

Concen: 4.559 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX045069.D

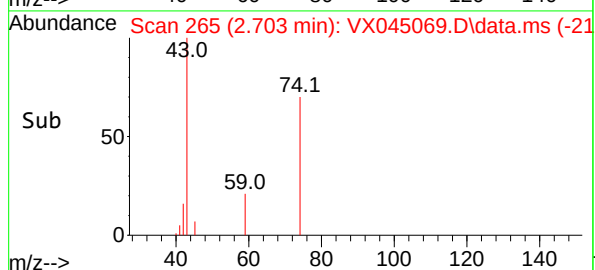
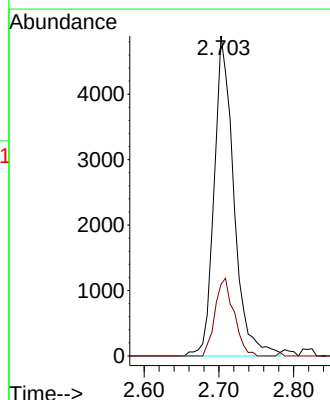
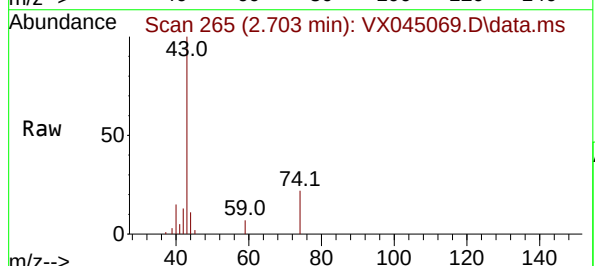
Acq: 28 Feb 2025 02:13

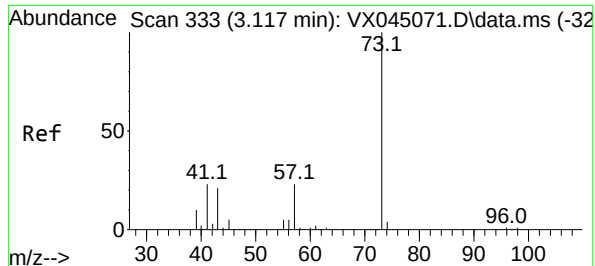
Tgt Ion: 43 Resp: 8964

Ion Ratio Lower Upper

43 100

74 23.3 17.4 26.2





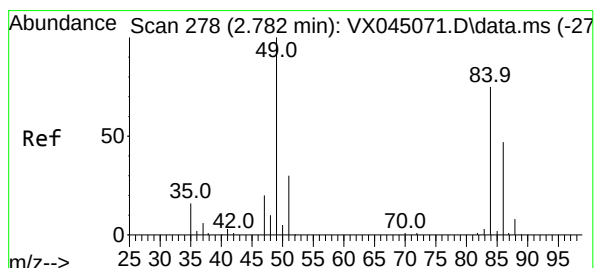
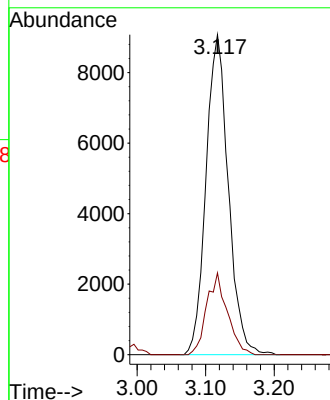
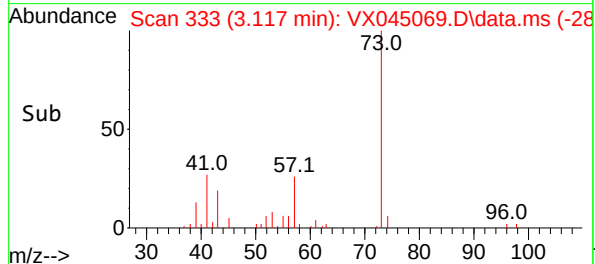
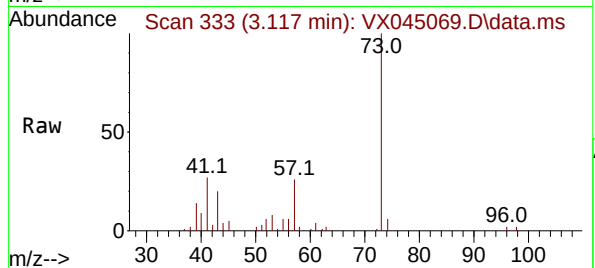
#19
Methyl tert-butyl Ether
Concen: 4.651 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 20540
Ion Ratio Lower Upper
73 100
57 25.6 18.5 27.7

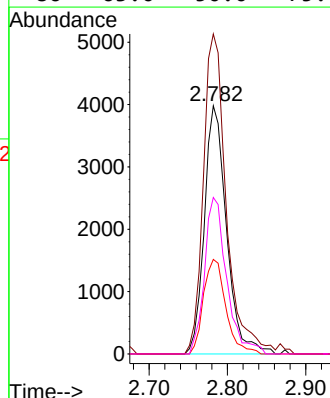
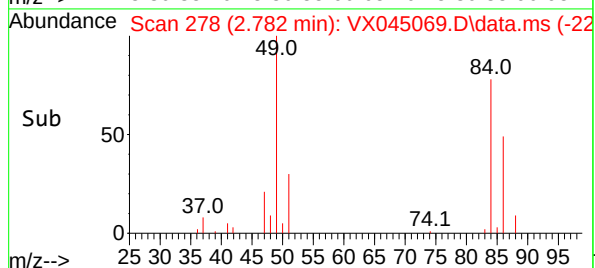
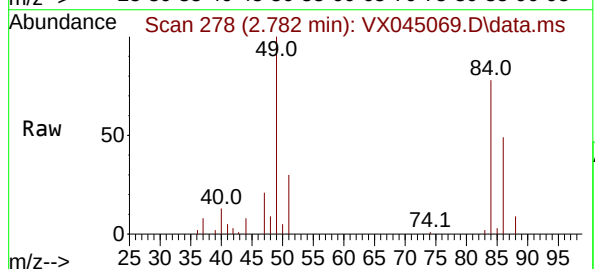
Manual Integrations
APPROVED

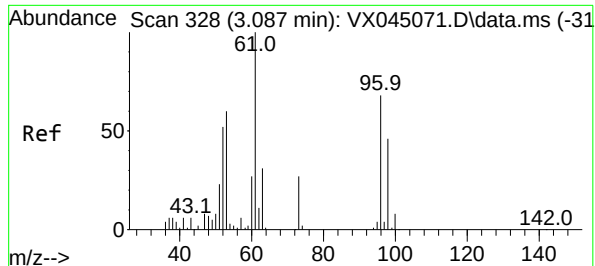
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#20
Methylene Chloride
Concen: 5.068 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 84 Resp: 7835
Ion Ratio Lower Upper
84 100
49 128.9 106.5 159.7
51 38.1 32.1 48.1
86 63.0 50.0 75.0





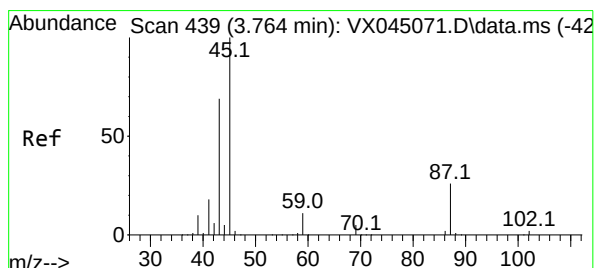
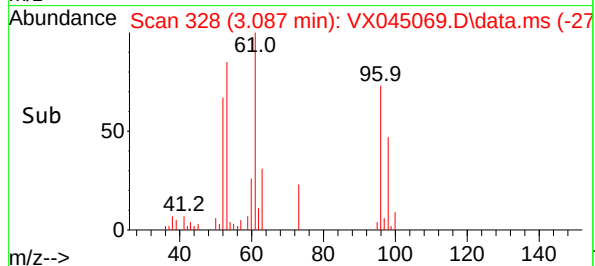
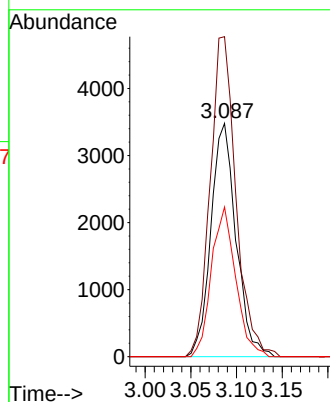
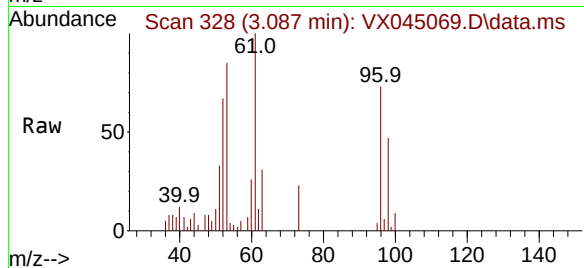
#21
trans-1,2-Dichloroethene
Concen: 4.895 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 96 Resp: 665
Ion Ratio Lower Upper
96 100
61 137.2 117.0 175.4
98 64.1 53.4 80.2

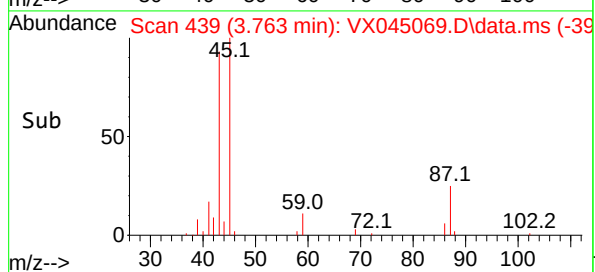
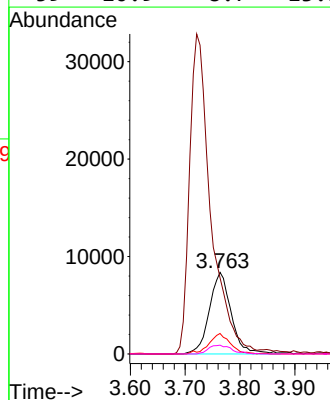
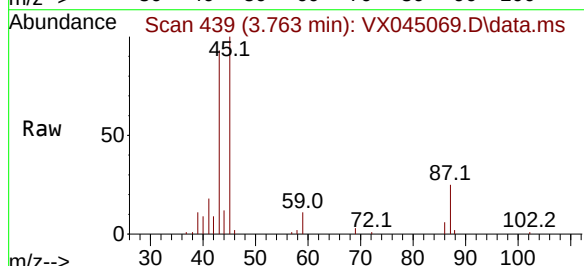
Manual Integrations
APPROVED

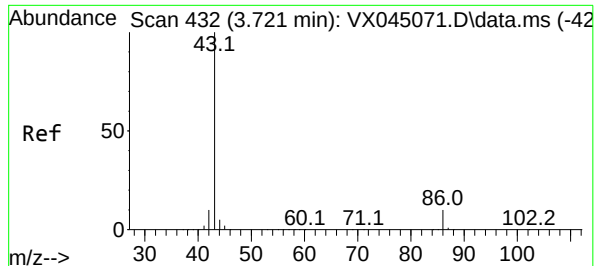
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#22
Diisopropyl ether
Concen: 4.875 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 45 Resp: 23151
Ion Ratio Lower Upper
45 100
43 90.2 54.9 82.3#
87 25.1 21.0 31.4
59 10.9 8.7 13.1





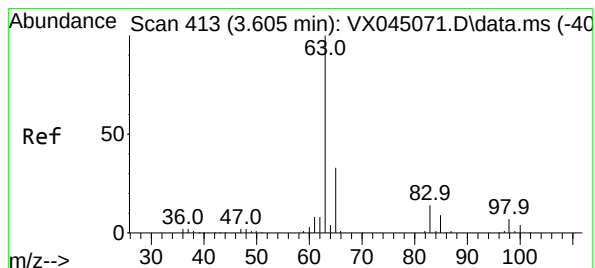
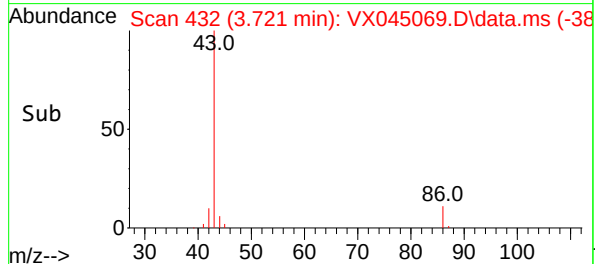
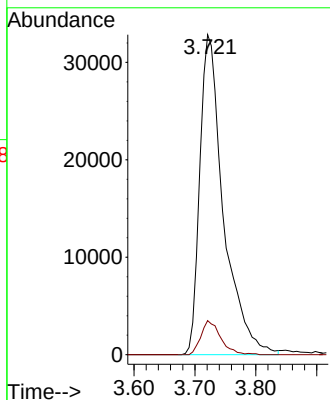
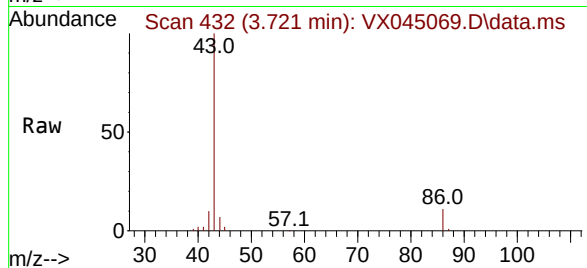
#23
Vinyl Acetate
Concen: 22.788 ug/l
RT: 3.721 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 8885
Ion Ratio Lower Upper
43 100
86 10.7 8.1 12.1

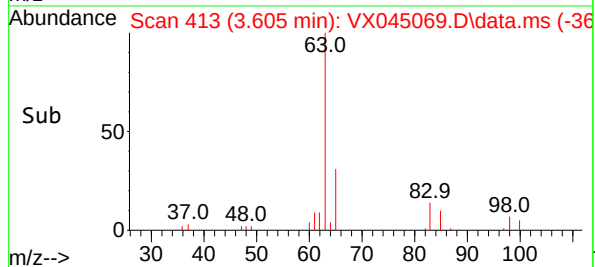
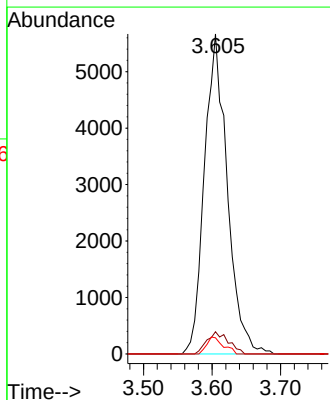
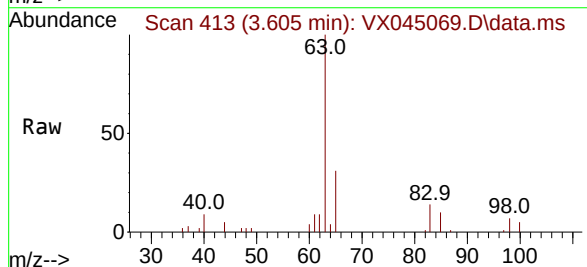
Manual Integrations
APPROVED

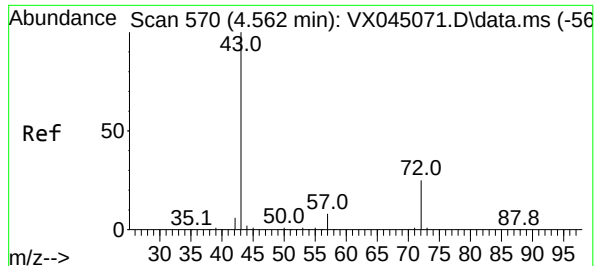
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#24
1,1-Dichloroethane
Concen: 4.949 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

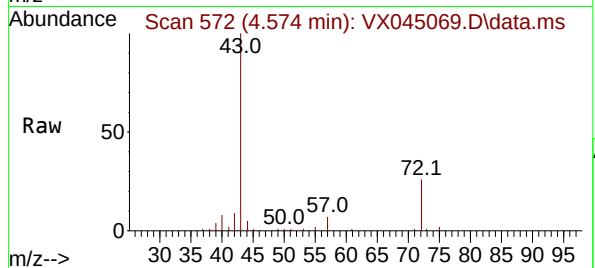
Tgt Ion: 63 Resp: 13132
Ion Ratio Lower Upper
63 100
98 7.0 3.4 10.2
100 5.1 2.1 6.5





#25
2-Butanone
Concen: 27.819 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

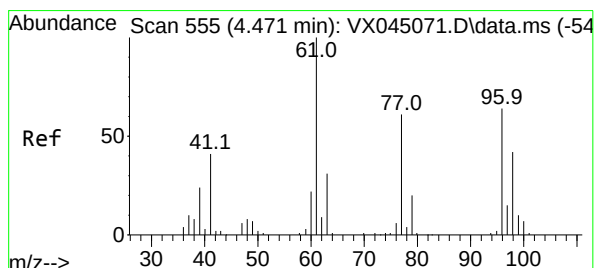
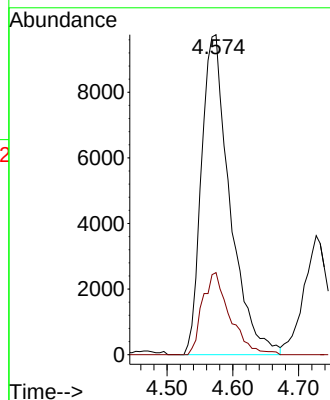
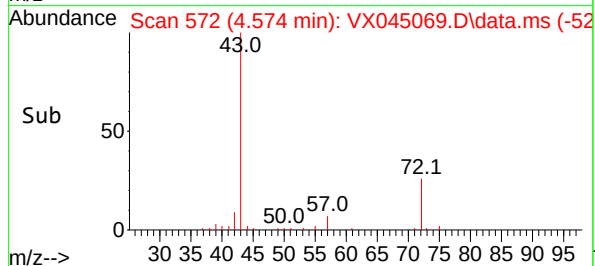
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 2927
Ion Ratio Lower Upper
43 100
72 25.7 20.0 30.0

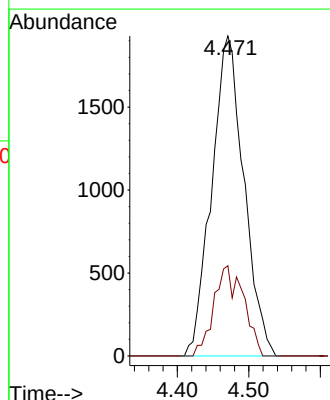
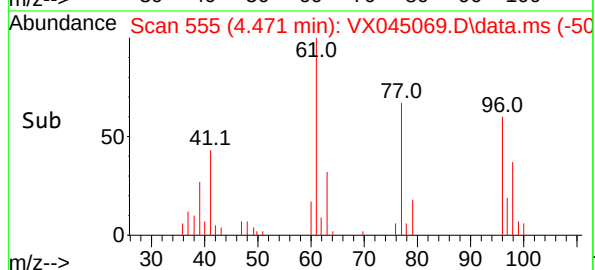
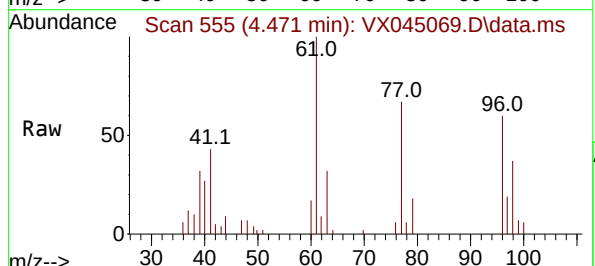
Manual Integrations
APPROVED

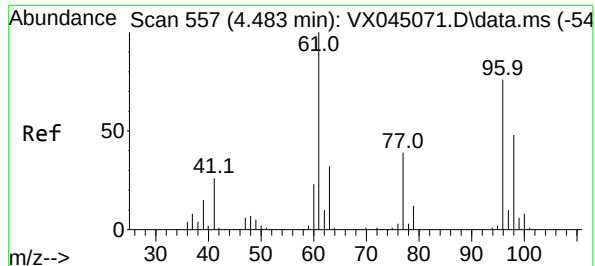
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#26
2,2-Dichloropropane
Concen: 3.059 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 77 Resp: 6034
Ion Ratio Lower Upper
77 100
97 26.0 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 4.892 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 96 Resp: 801

Ion Ratio Lower Upper

96 100

61 146.1 0.0 283.2

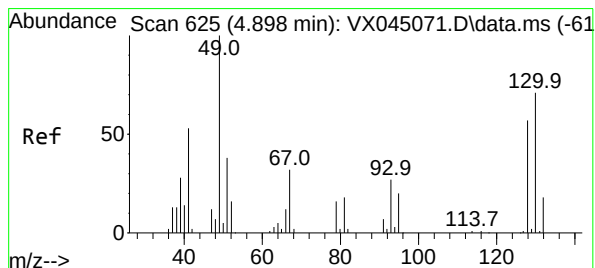
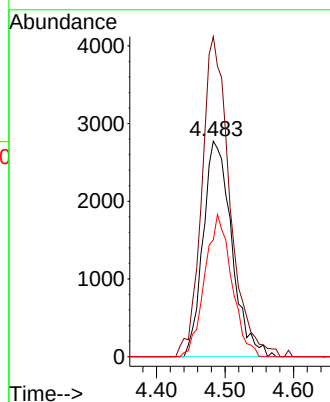
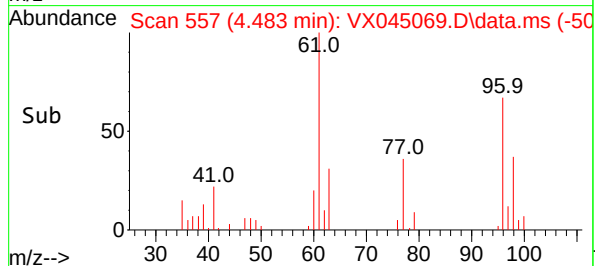
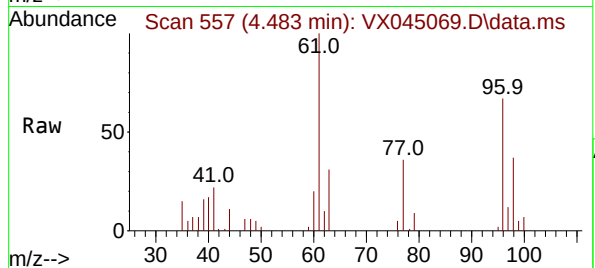
98 62.0 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#28

Bromochloromethane

Concen: 5.311 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.006 min

Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

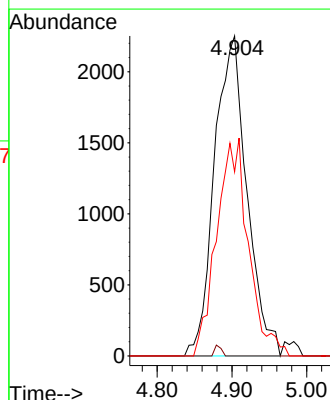
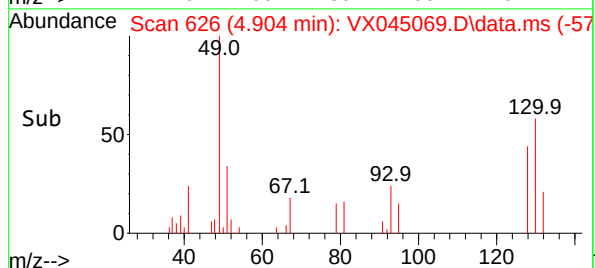
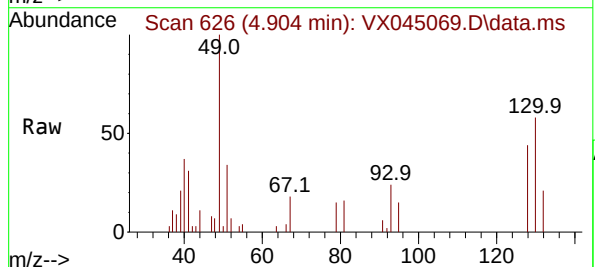
Tgt Ion: 49 Resp: 6797

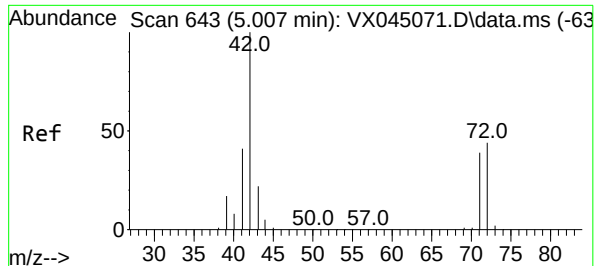
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.4

130 66.5 56.1 84.1





#29

Tetrahydrofuran

Concen: 28.950 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

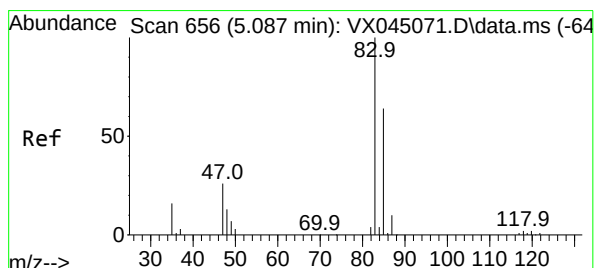
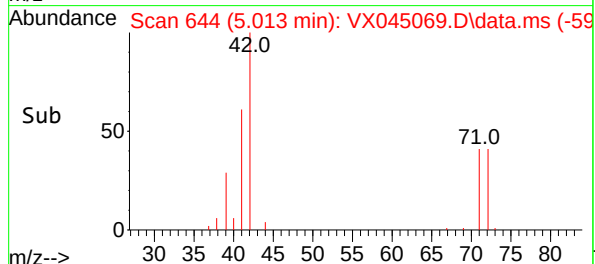
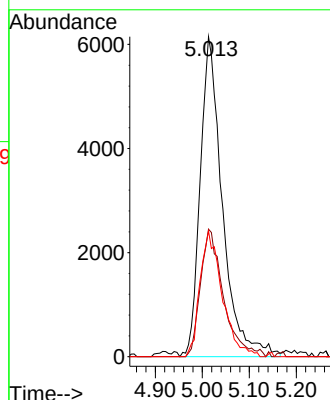
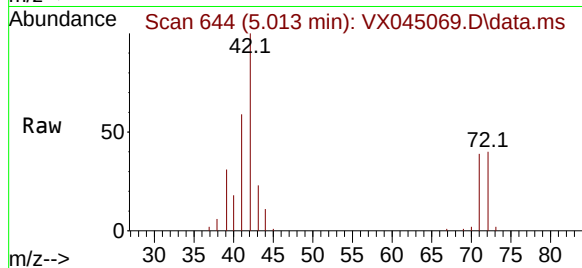
Tgt Ion:	42	Resp:	2018
Ion	Ratio	Lower	Upper
42	100		
72	41.2	34.1	51.1
71	39.3	31.4	47.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#30

Chloroform

Concen: 5.159 ug/l

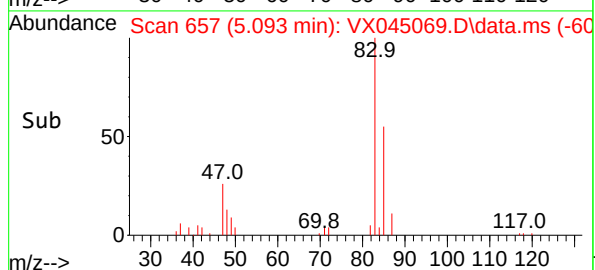
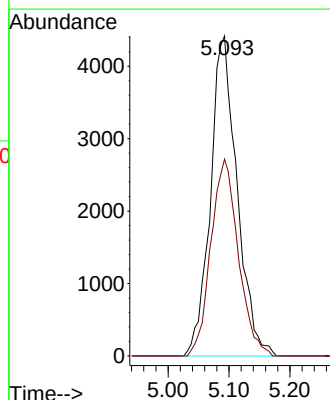
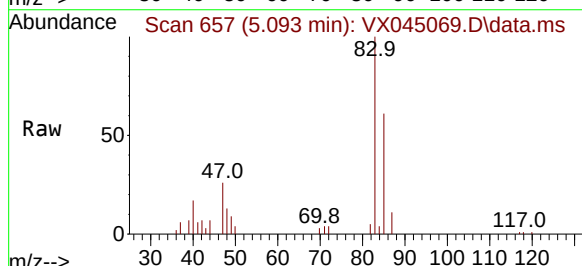
RT: 5.093 min Scan# 657

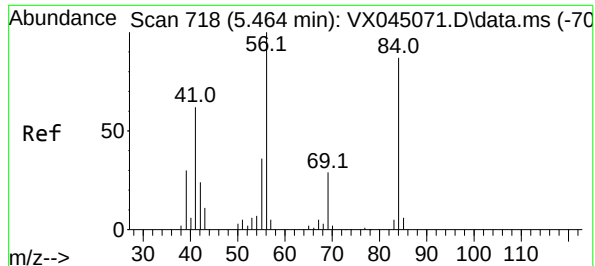
Delta R.T. 0.006 min

Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

Tgt Ion:	83	Resp:	13390
Ion	Ratio	Lower	Upper
83	100		
85	61.5	51.4	77.2





#31

Cyclohexane

Concen: 4.504 ug/l

RT: 5.464 min Scan# 718

Delta R.T. -0.000 min

Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 56 Resp: 1096

Ion Ratio Lower Upper

56 100

69 33.0 23.4 35.2

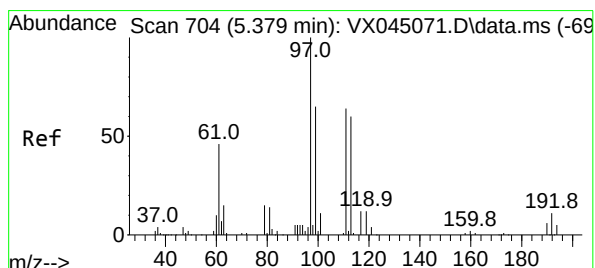
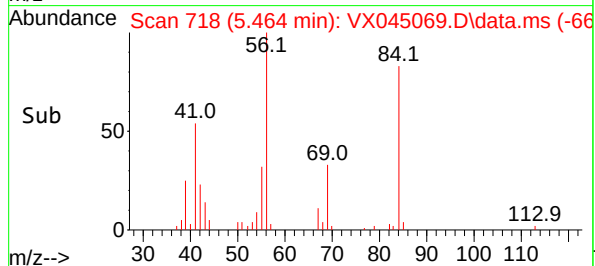
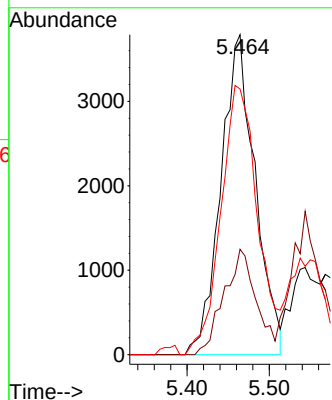
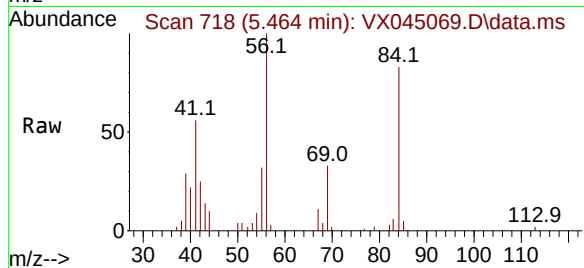
84 83.1 69.4 104.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#32

1,1,1-Trichloroethane

Concen: 4.876 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

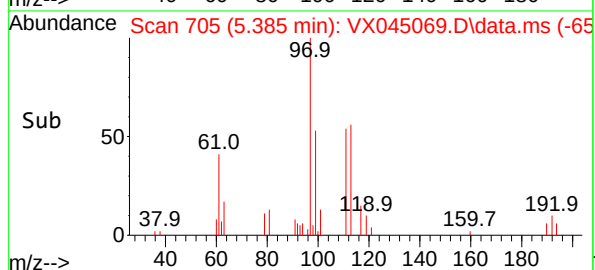
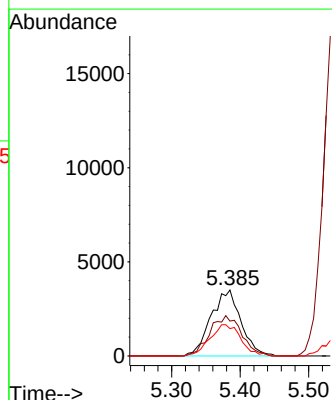
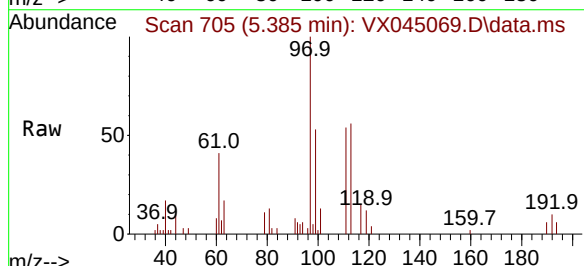
Tgt Ion: 97 Resp: 10654

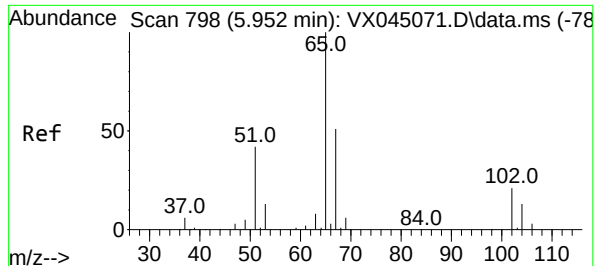
Ion Ratio Lower Upper

97 100

99 64.5 51.6 77.4

61 48.7 38.4 57.6





#33

1,2-Dichloroethane-d4

Concen: 5.659 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.012 min

Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 8978

Ion Ratio Lower Upper

65 100

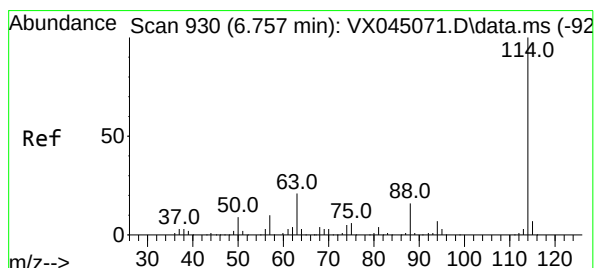
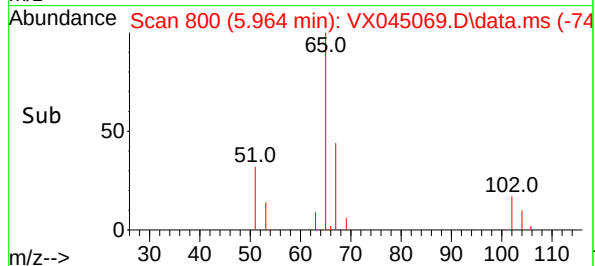
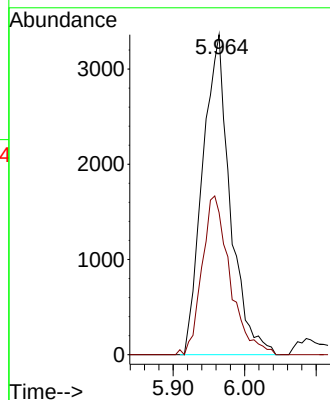
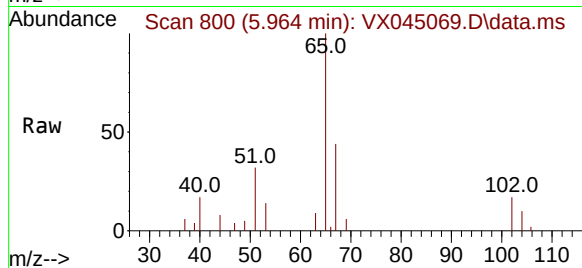
67 50.5 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

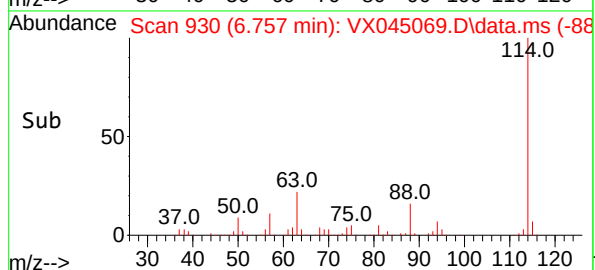
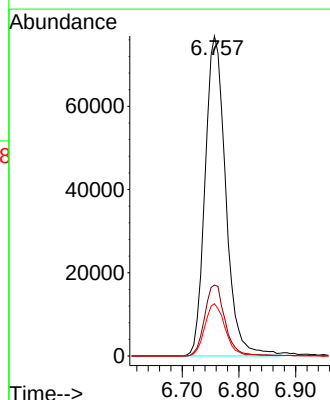
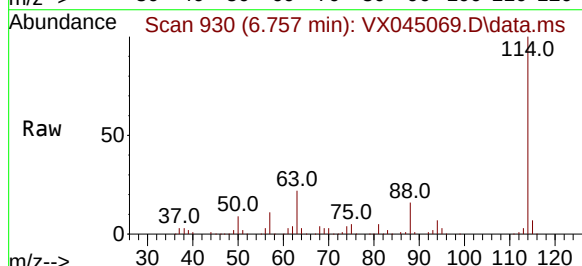
Tgt Ion:114 Resp: 194243

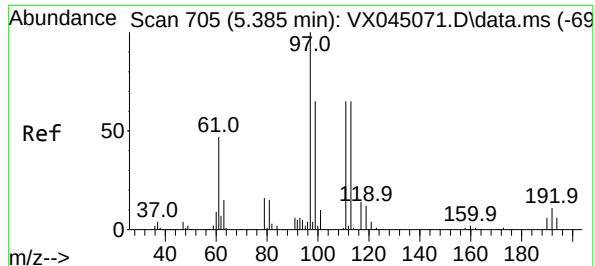
Ion Ratio Lower Upper

114 100

63 22.1 0.0 41.8

88 16.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 5.039 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX045069.D

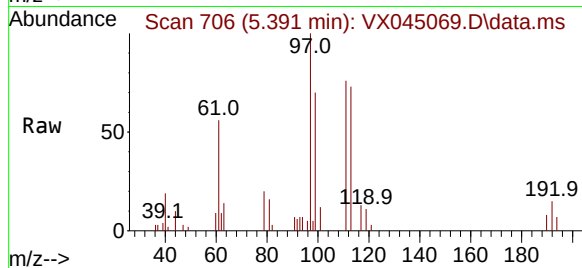
Acq: 28 Feb 2025 02:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005



Tgt Ion: 113 Resp: 6398

Ion Ratio Lower Upper

113 100

111 103.9 81.8 122.6

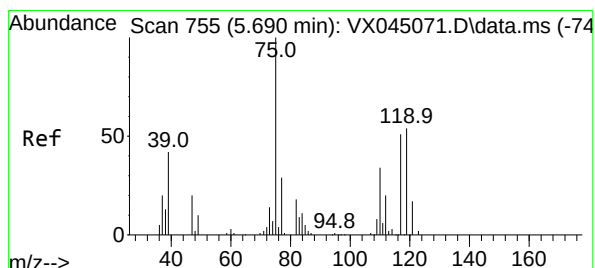
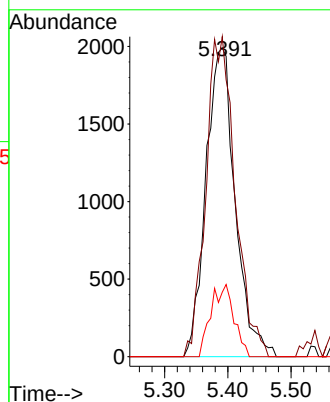
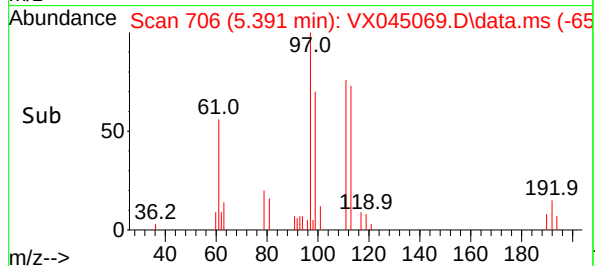
192 18.3 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#36

1,1-Dichloropropene

Concen: 4.917 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.000 min

Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

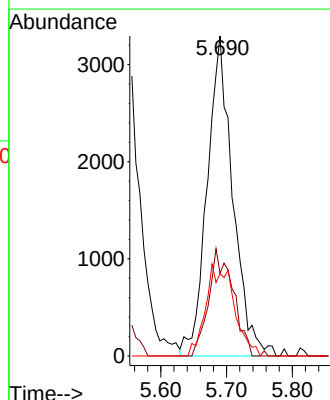
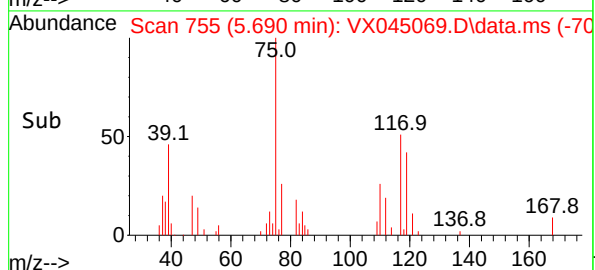
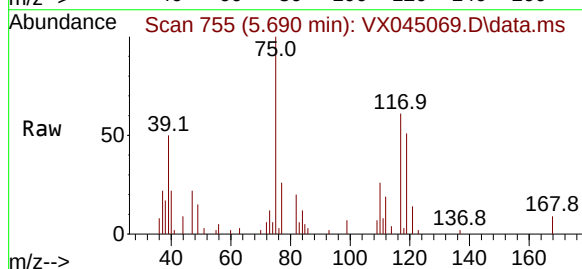
Tgt Ion: 75 Resp: 8977

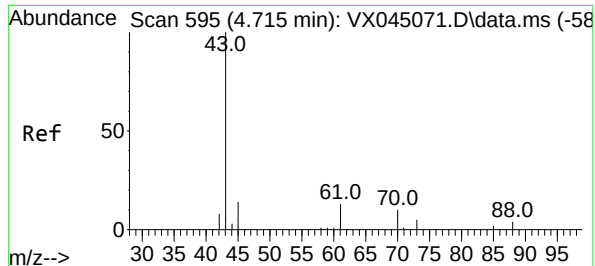
Ion Ratio Lower Upper

75 100

110 31.8 16.9 50.6

77 13.2 24.5 36.7#





#37

Ethyl Acetate

Concen: 5.035 ug/l

RT: 4.727 min Scan# 595

Delta R.T. 0.012 min

Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

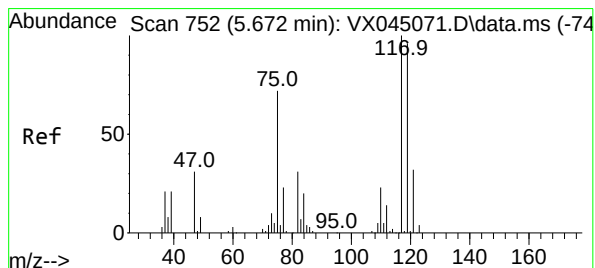
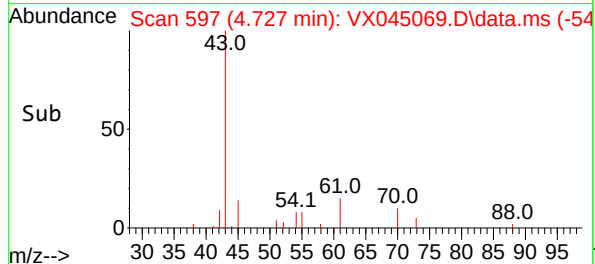
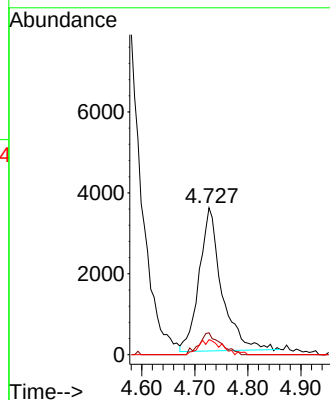
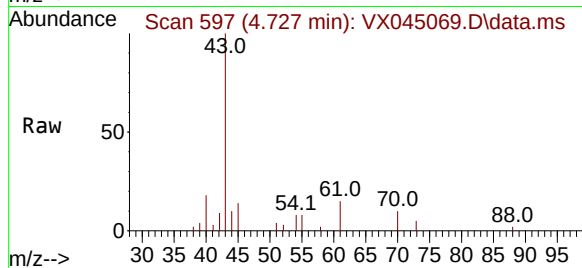
Tgt Ion:	43	Resp:	1045
Ion	Ratio	Lower	Upper
43	100		
61	14.4	10.8	16.2
70	10.2	7.7	11.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#38

Carbon Tetrachloride

Concen: 5.013 ug/l

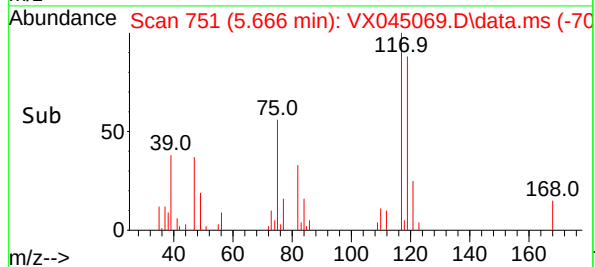
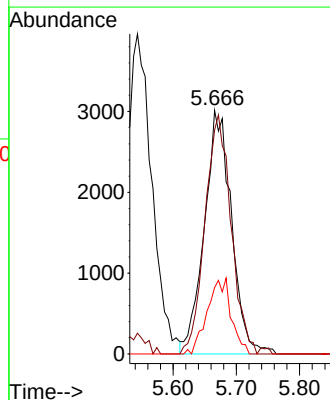
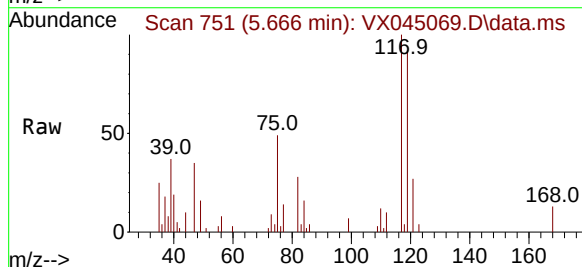
RT: 5.666 min Scan# 751

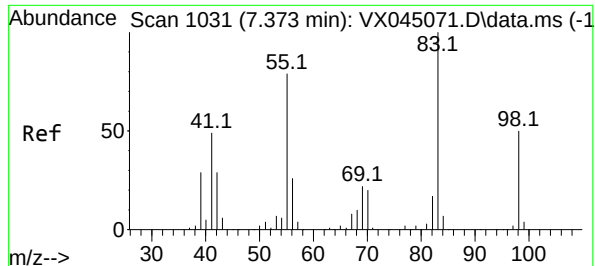
Delta R.T. -0.006 min

Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

Tgt Ion:	117	Resp:	8997
Ion	Ratio	Lower	Upper
117	100		
119	92.0	76.7	115.1
121	27.2	25.5	38.3





#39

Methylcyclohexane

Concen: 4.414 ug/l

RT: 7.379 min Scan# 1029

Delta R.T. 0.006 min

Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 1029

Ion Ratio Lower Upper

83 100

55 76.4 63.0 94.4

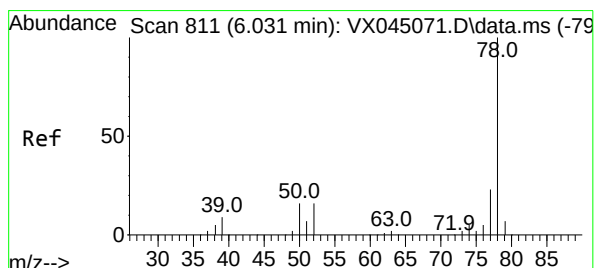
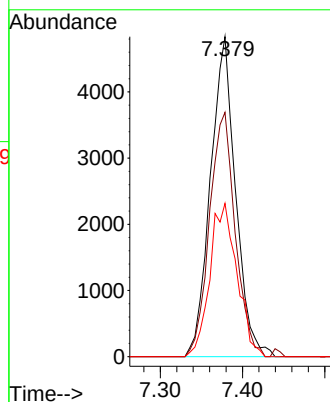
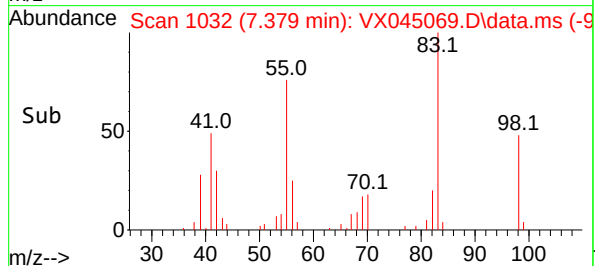
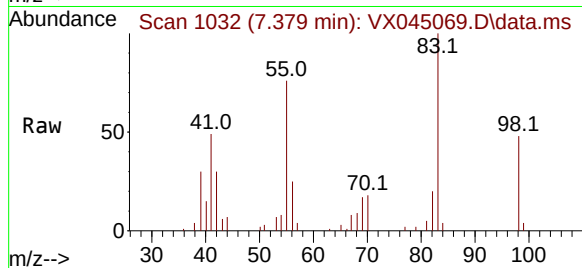
98 47.9 39.7 59.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#40

Benzene

Concen: 4.966 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX045069.D

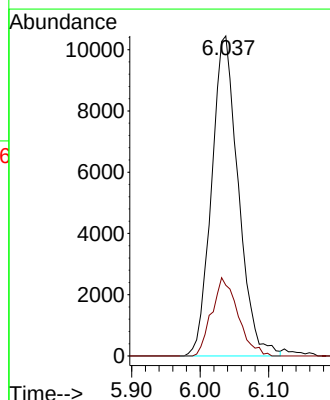
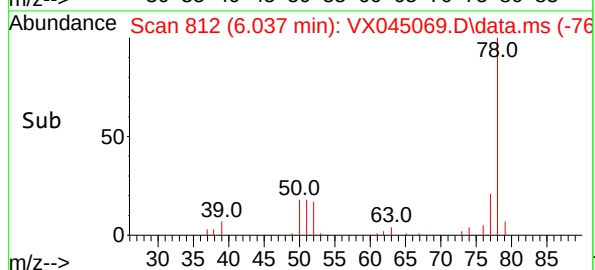
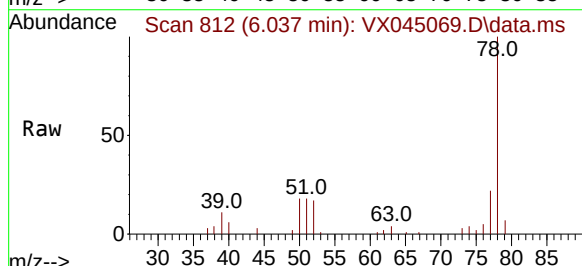
Acq: 28 Feb 2025 02:13

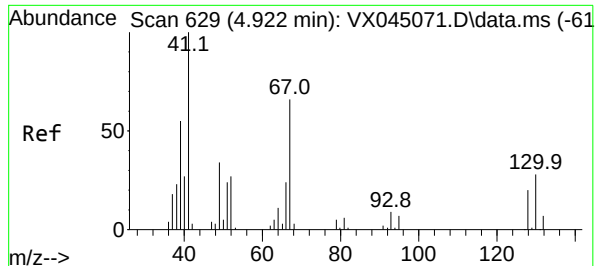
Tgt Ion: 78 Resp: 28339

Ion Ratio Lower Upper

78 100

77 22.1 18.8 28.2





#41

Methacrylonitrile

Concen: 5.136 ug/l

RT: 4.922 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 41 Resp: 5700

Ion Ratio Lower Upper

41 100

39 53.3 44.6 67.0

67 73.4 53.9 80.9

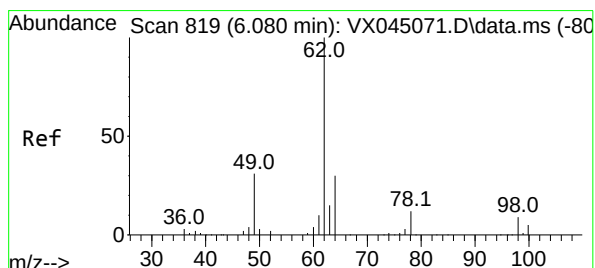
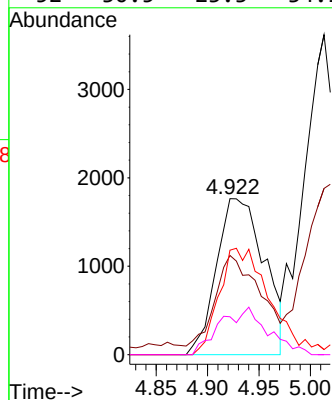
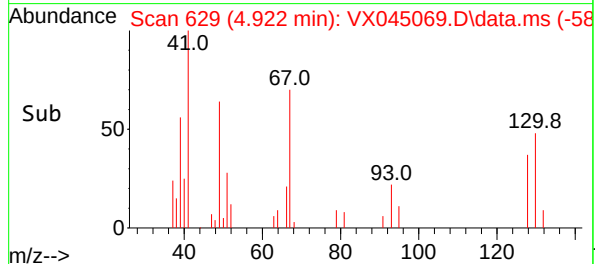
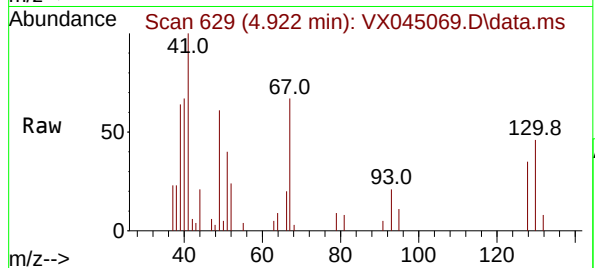
52 30.5 23.3 34.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#42

1,2-Dichloroethane

Concen: 5.510 ug/l

RT: 6.092 min Scan# 821

Delta R.T. 0.012 min

Lab File: VX045069.D

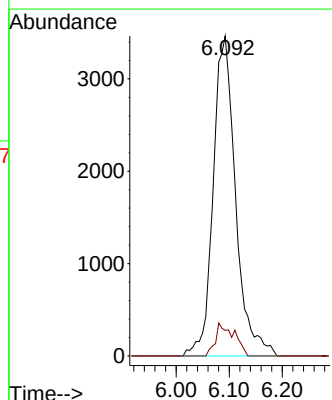
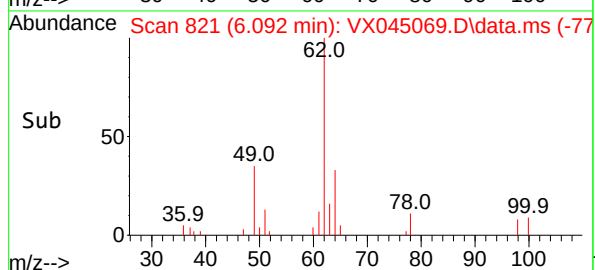
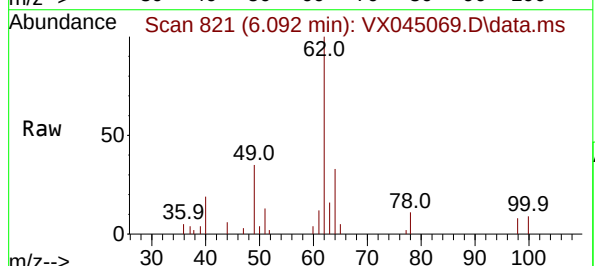
Acq: 28 Feb 2025 02:13

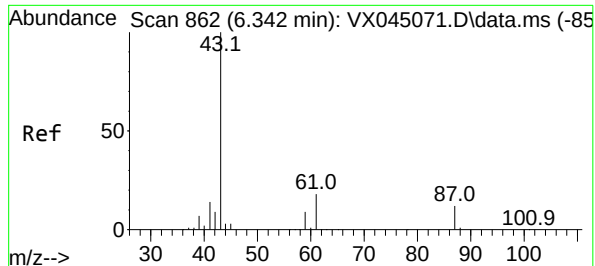
Tgt Ion: 62 Resp: 10189

Ion Ratio Lower Upper

62 100

98 8.5 0.0 18.2





#43

Isopropyl Acetate

Concen: 4.700 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.006 min

Lab File: VX045069.D

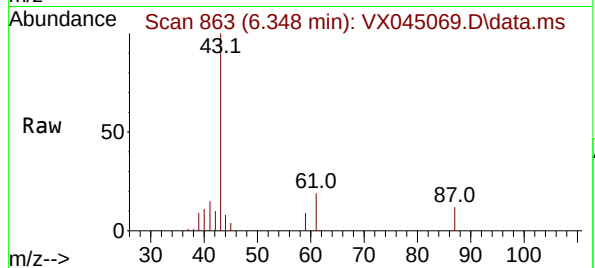
Acq: 28 Feb 2025 02:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005



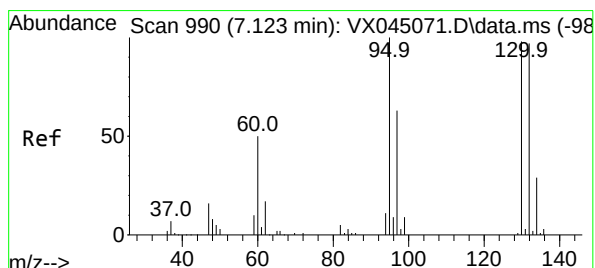
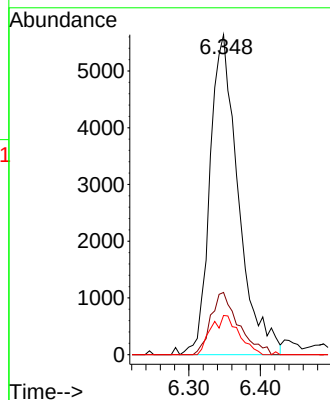
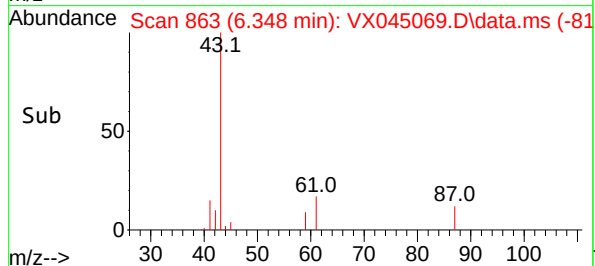
Tgt Ion: 43	Resp: 1554
Ion Ratio	Lower Upper
43	100
61	19.0 14.9 22.3
87	12.1 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#44

Trichloroethene

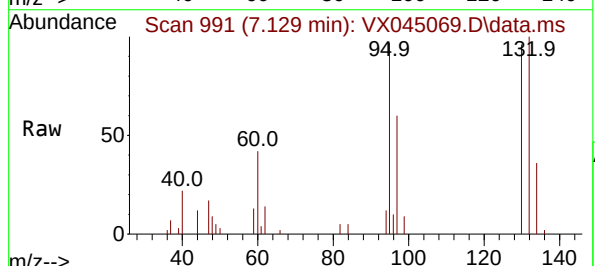
Concen: 5.234 ug/l

RT: 7.129 min Scan# 991

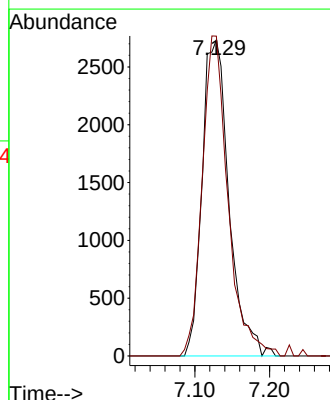
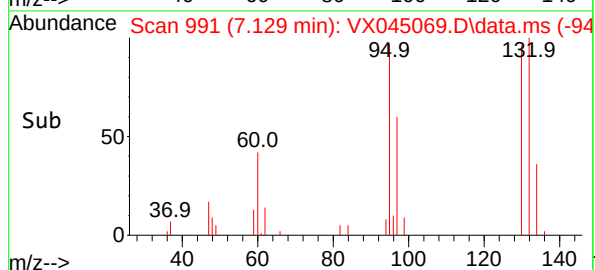
Delta R.T. 0.006 min

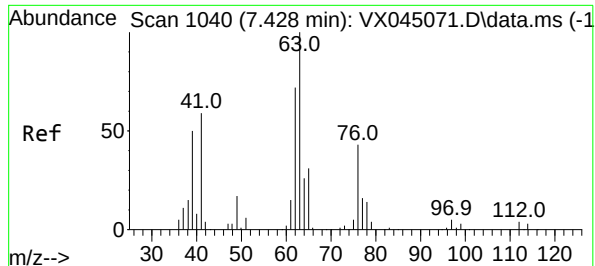
Lab File: VX045069.D

Acq: 28 Feb 2025 02:13



Tgt Ion:130	Resp: 6827
Ion Ratio	Lower Upper
130	100
95	101.2 0.0 205.0





#45

1,2-Dichloropropane

Concen: 5.177 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 734

Ion Ratio Lower Upper

63 100

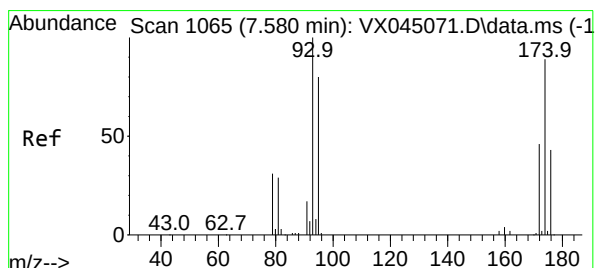
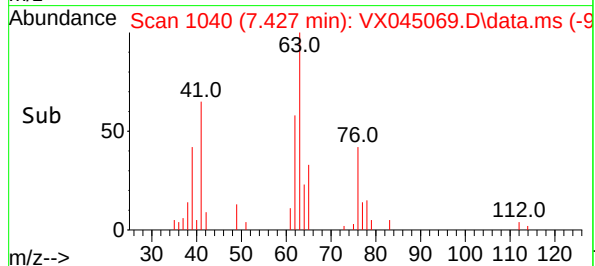
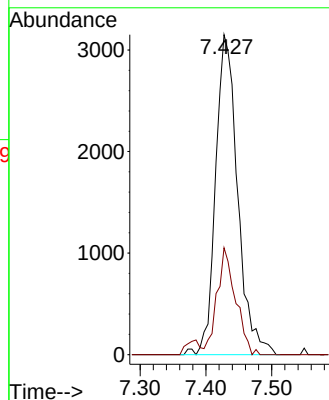
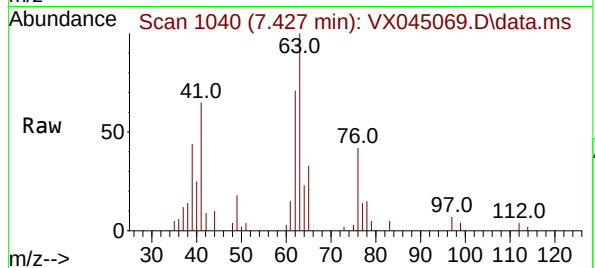
65 33.4 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#46

Dibromomethane

Concen: 5.195 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

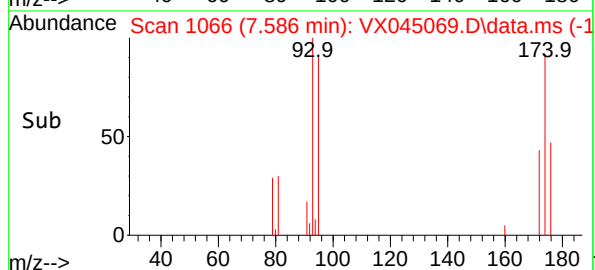
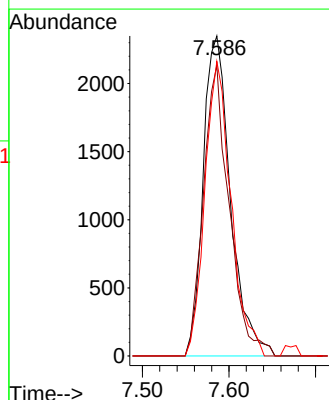
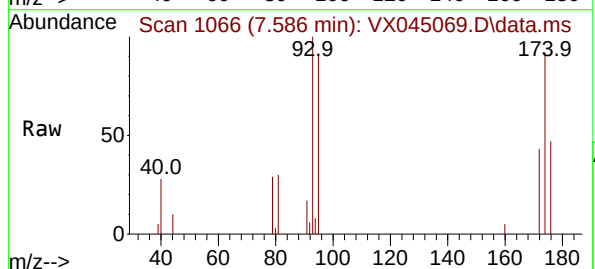
Tgt Ion: 93 Resp: 5146

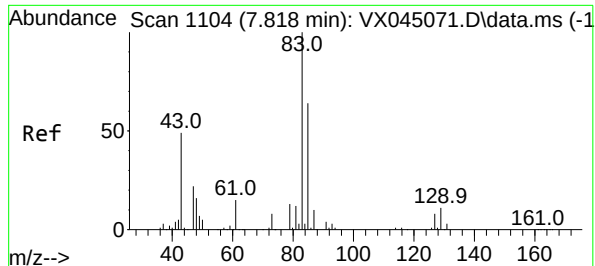
Ion Ratio Lower Upper

93 100

95 86.2 65.8 98.8

174 88.2 72.2 108.2





#47

Bromodichloromethane

Concen: 5.100 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

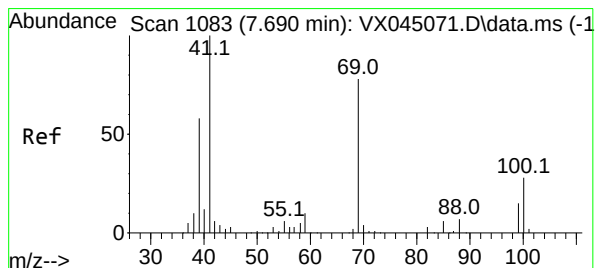
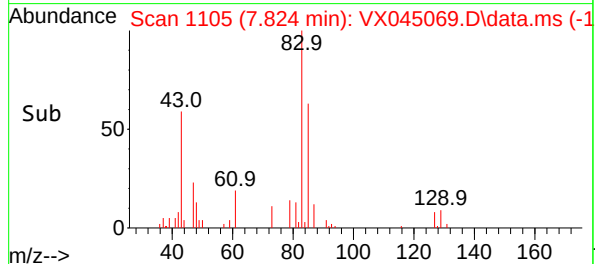
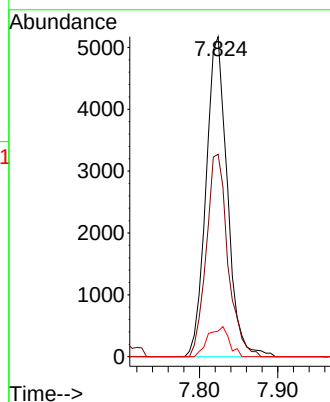
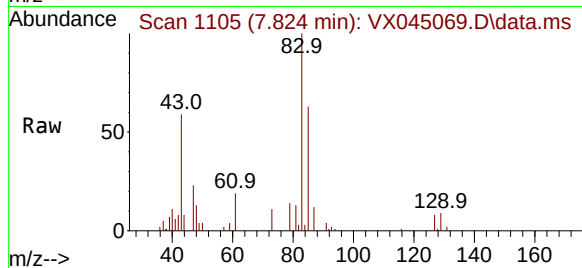
Tgt Ion:	83	Resp:	977
Ion	Ratio	Lower	Upper
83	100		
85	63.3	51.1	76.7
127	8.0	6.4	9.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#48

Methyl methacrylate

Concen: 5.224 ug/l

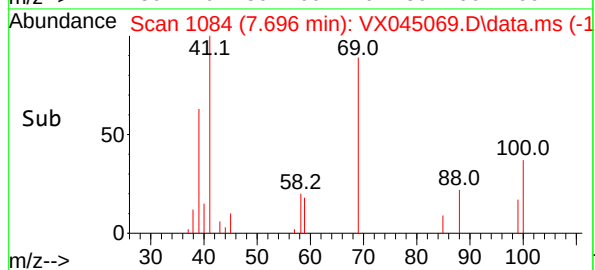
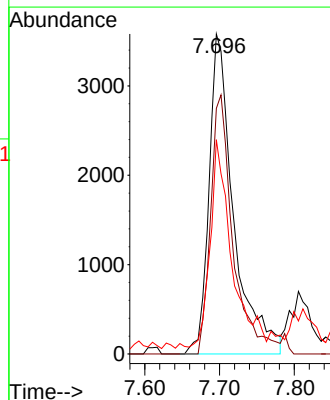
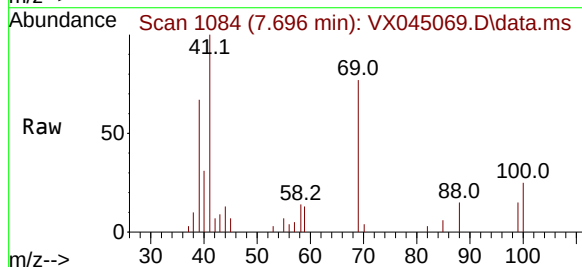
RT: 7.696 min Scan# 1084

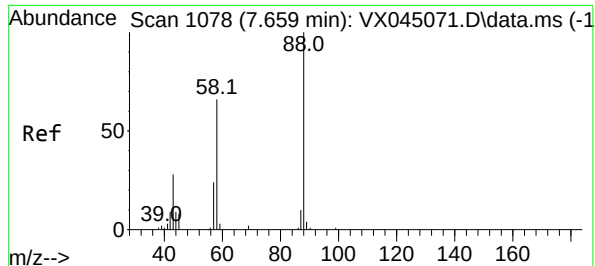
Delta R.T. 0.006 min

Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

Tgt Ion:	41	Resp:	8201
Ion	Ratio	Lower	Upper
41	100		
69	74.0	63.0	94.6
39	55.4	47.5	71.3





#49

1,4-Dioxane

Concen: 105.826 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 88 Resp: 353

Ion Ratio Lower Upper

88 100

43 35.2 28.7 43.1

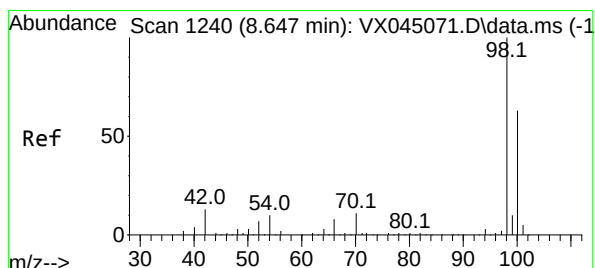
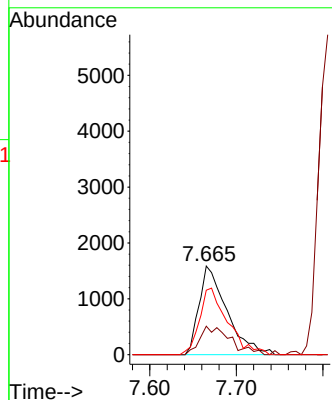
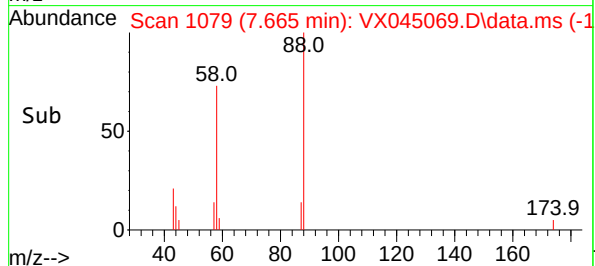
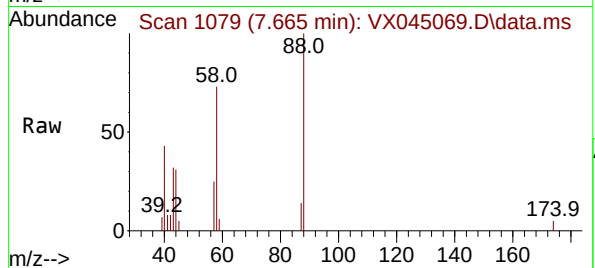
58 75.9 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#50

Toluene-d8

Concen: 5.057 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX045069.D

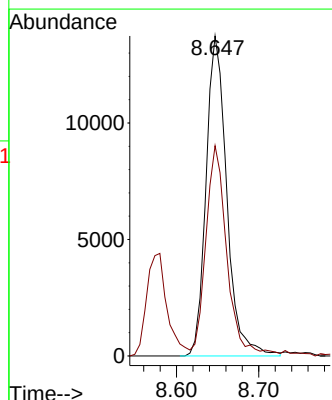
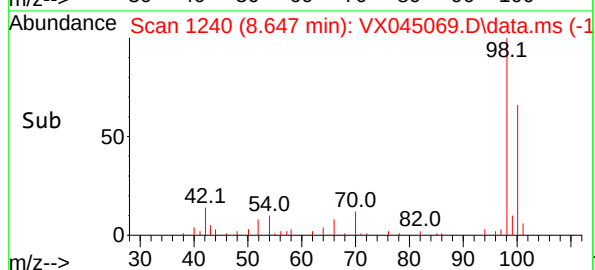
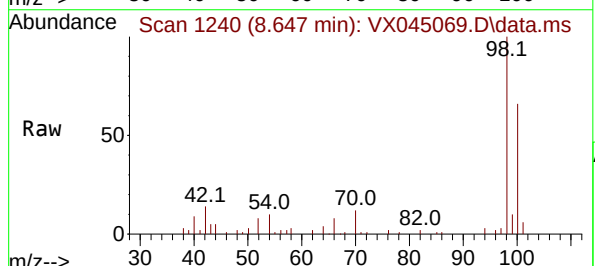
Acq: 28 Feb 2025 02:13

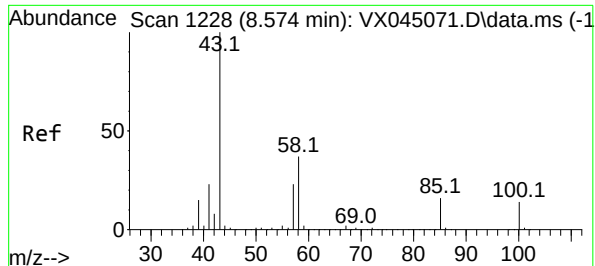
Tgt Ion: 98 Resp: 24037

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0





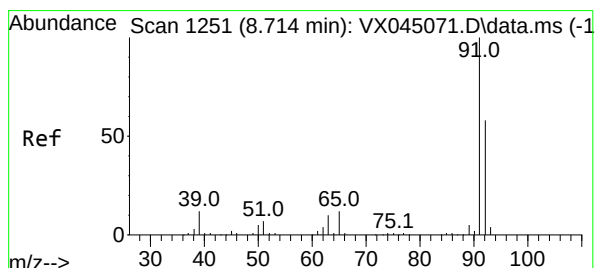
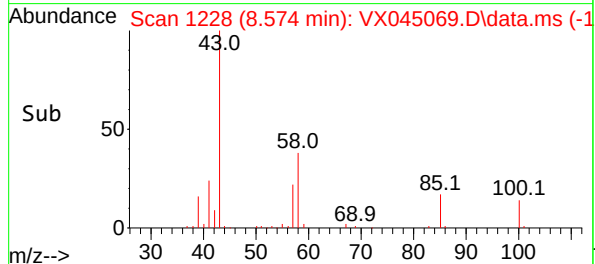
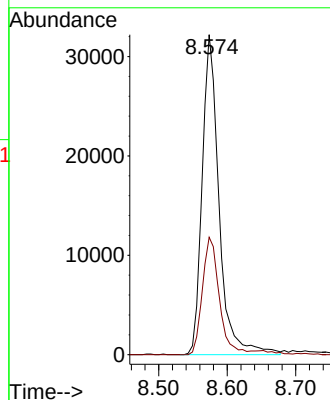
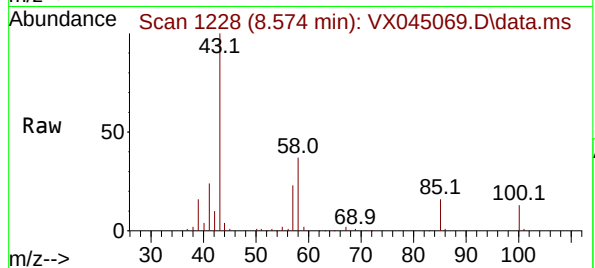
#51
4-Methyl-2-Pentanone
Concen: 27.303 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 55320
Ion Ratio Lower Upper
43 100
58 36.8 29.2 43.8

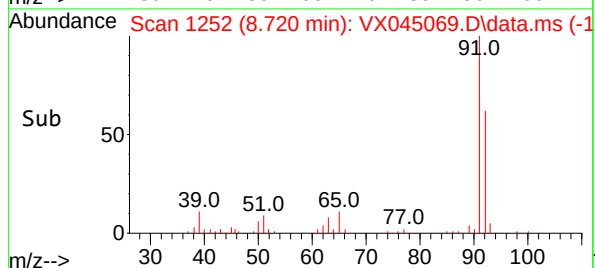
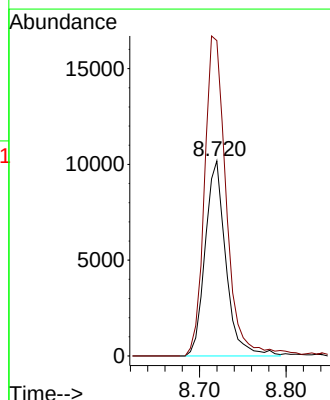
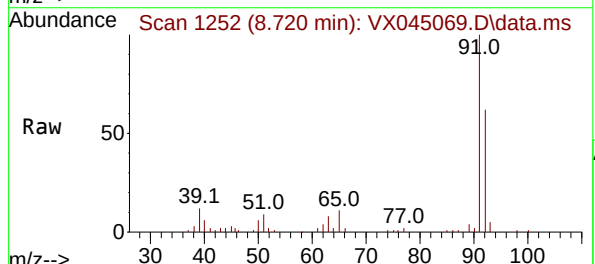
Manual Integrations
APPROVED

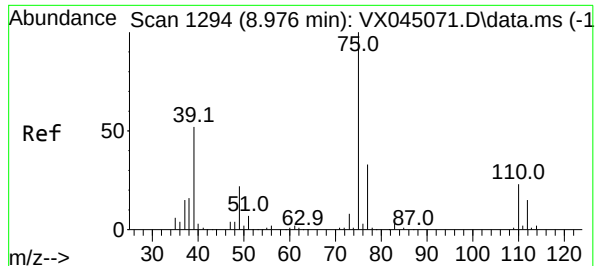
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#52
Toluene
Concen: 4.997 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 92 Resp: 16933
Ion Ratio Lower Upper
92 100
91 172.6 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 3.985 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 7548

Ion Ratio Lower Upper

75 100

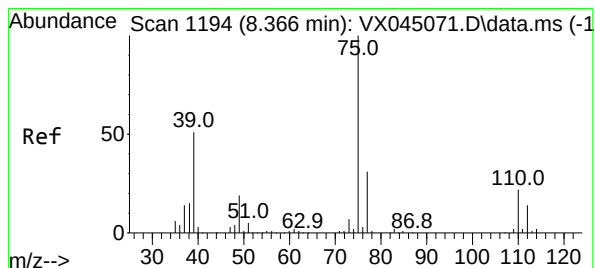
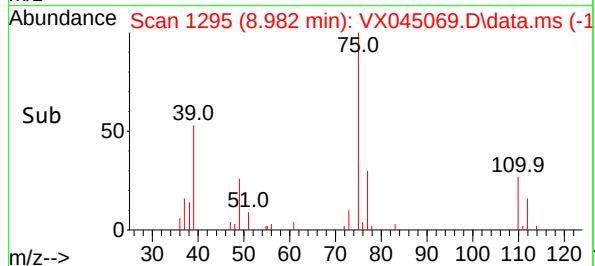
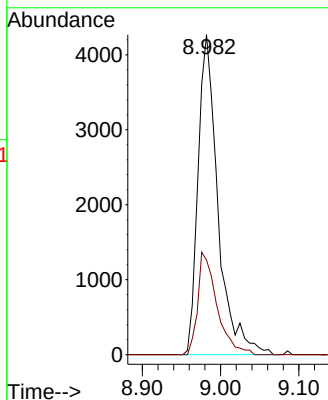
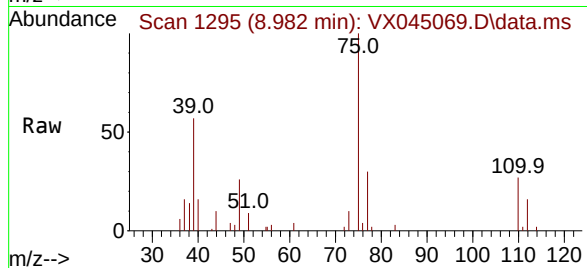
77 29.6 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#54

cis-1,3-Dichloropropene

Concen: 4.244 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

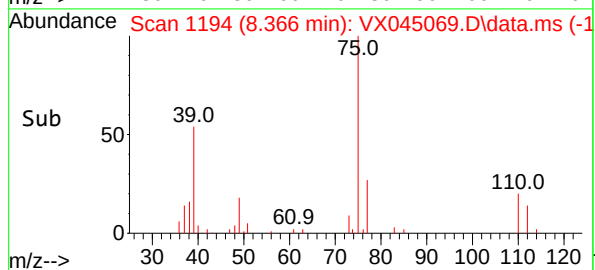
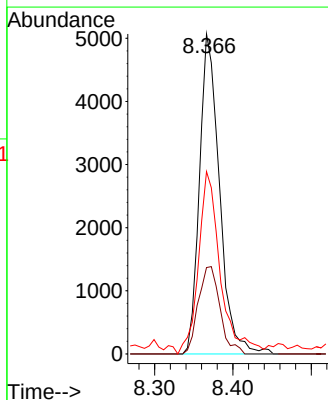
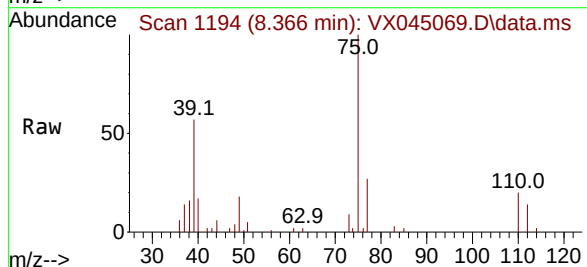
Tgt Ion: 75 Resp: 8988

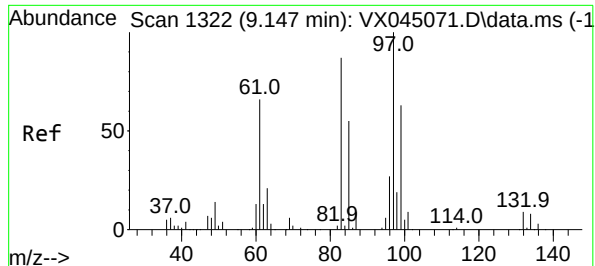
Ion Ratio Lower Upper

75 100

77 27.0 24.7 37.1

39 57.0 40.7 61.1





#55

1,1,2-Trichloroethane

Concen: 5.151 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.006 min

Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 6759

Ion Ratio Lower Upper

97 100

83 83.7 69.4 104.2

85 53.6 44.1 66.1

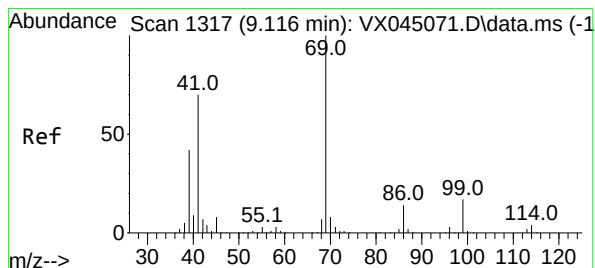
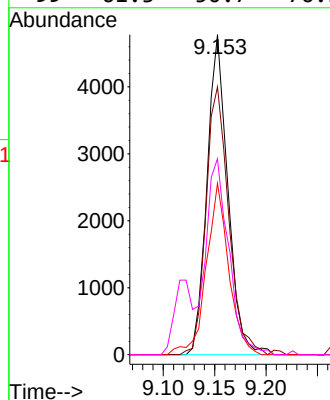
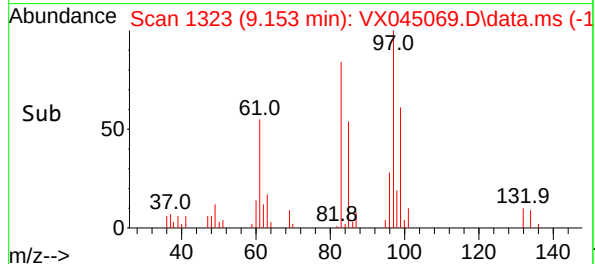
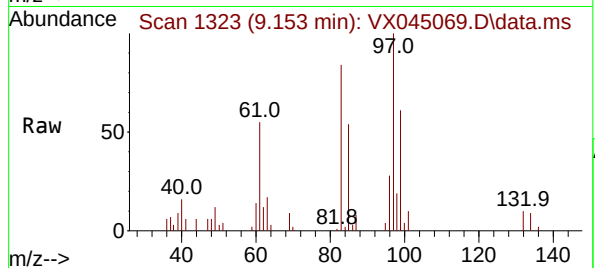
99 61.3 50.7 76.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#56

Ethyl methacrylate

Concen: 4.628 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

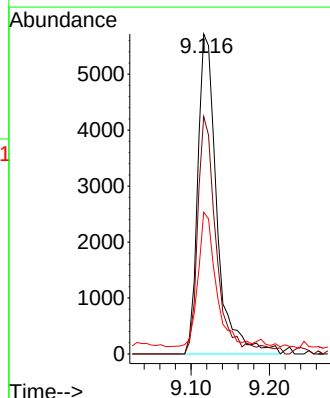
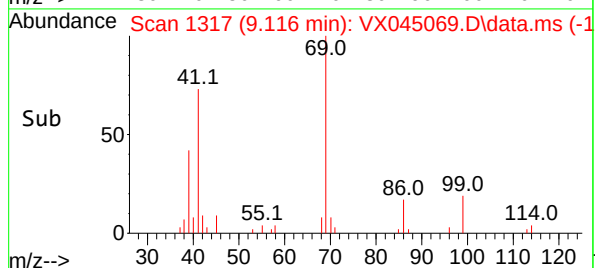
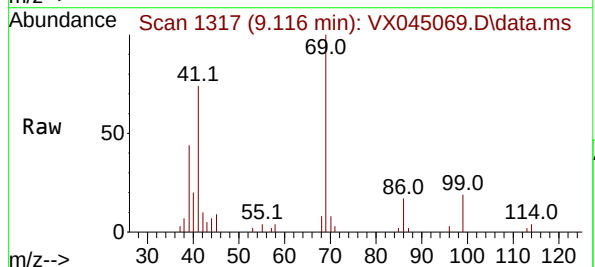
Tgt Ion: 69 Resp: 9712

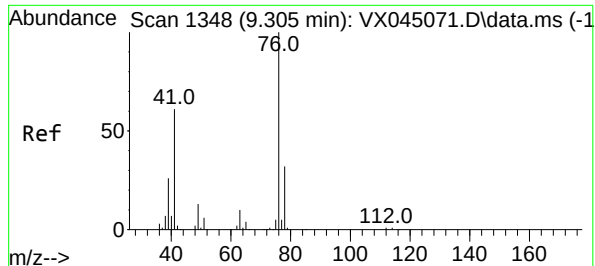
Ion Ratio Lower Upper

69 100

41 71.0 57.0 85.4

39 39.2 34.2 51.4





#57

1,3-Dichloropropane

Concen: 5.289 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. -0.000 min

Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 12100

Ion Ratio Lower Upper

76 100

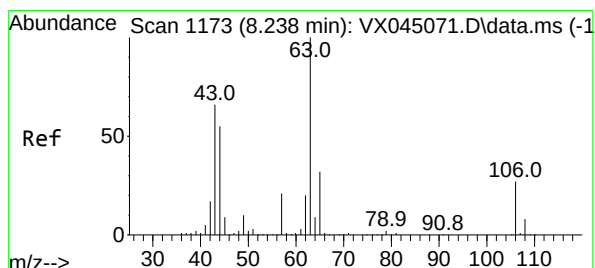
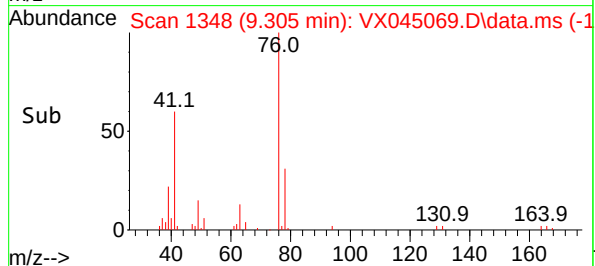
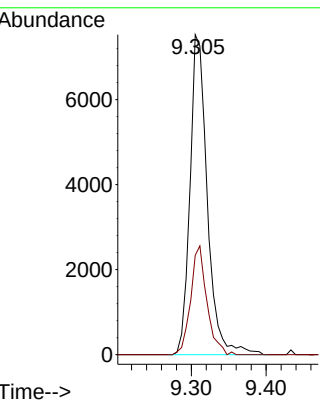
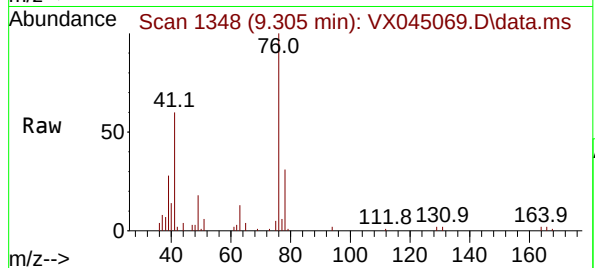
78 31.9 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#58

2-Chloroethyl Vinyl ether

Concen: 22.527 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045069.D

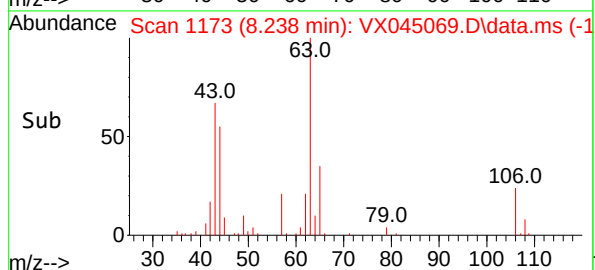
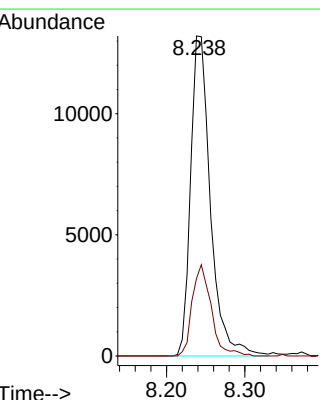
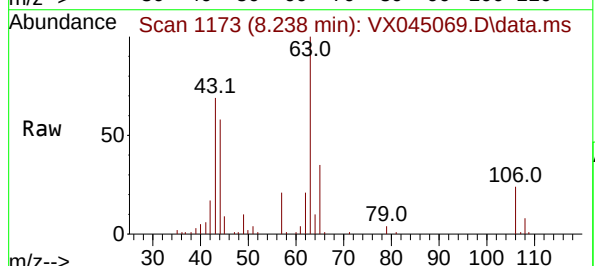
Acq: 28 Feb 2025 02:13

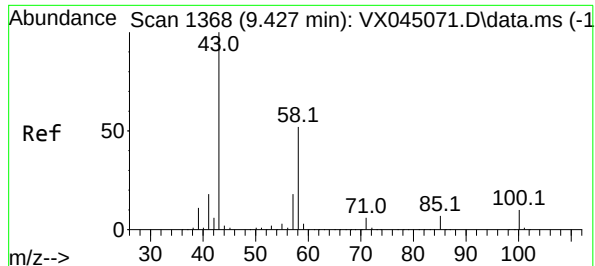
Tgt Ion: 63 Resp: 23212

Ion Ratio Lower Upper

63 100

106 27.4 21.5 32.3





#59

2-Hexanone

Concen: 27.363 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 39994

Ion Ratio Lower Upper

43 100

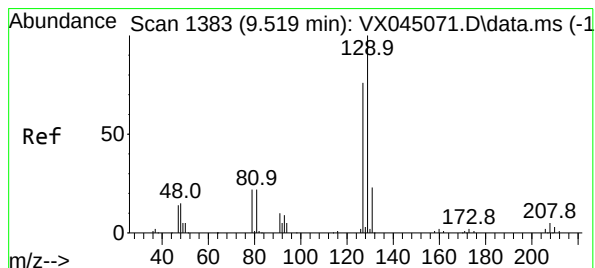
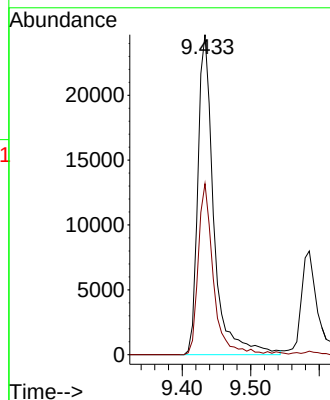
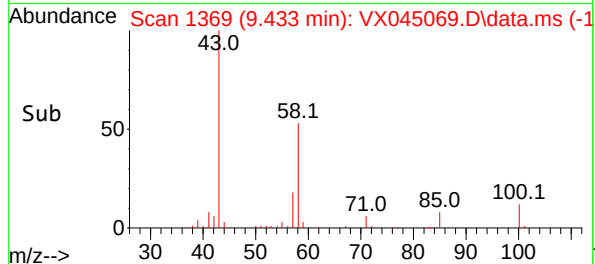
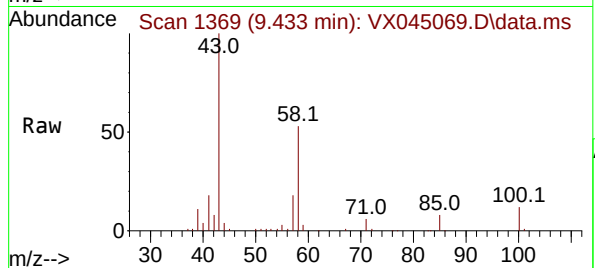
58 50.7 25.9 77.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#60

Dibromochloromethane

Concen: 4.846 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX045069.D

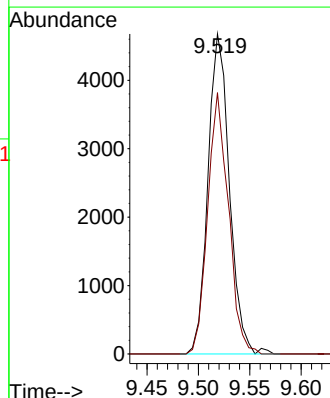
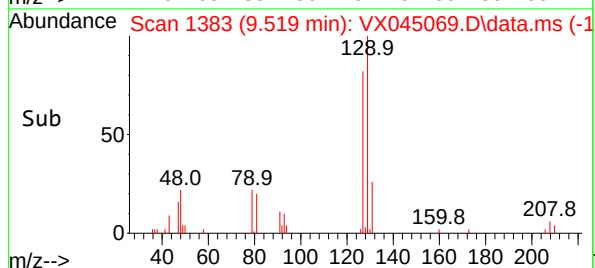
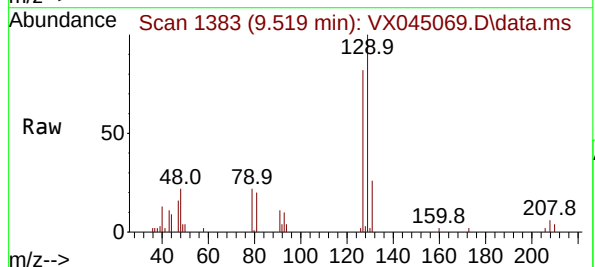
Acq: 28 Feb 2025 02:13

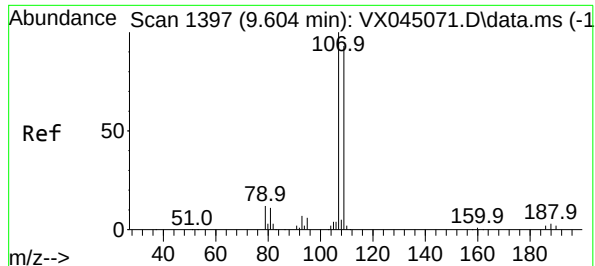
Tgt Ion:129 Resp: 6785

Ion Ratio Lower Upper

129 100

127 79.0 38.5 115.5





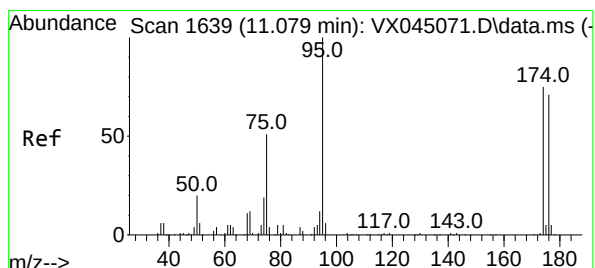
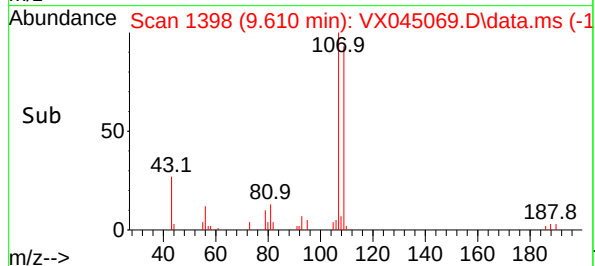
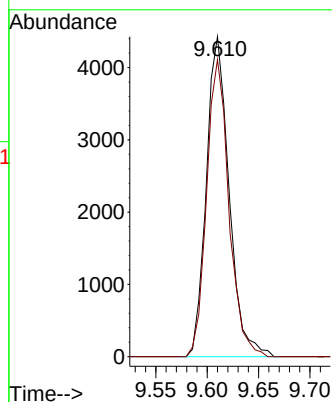
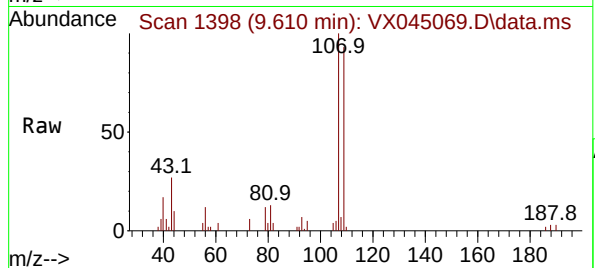
#61
1,2-Dibromoethane
Concen: 5.161 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:107 Resp: 6832
Ion Ratio Lower Upper
107 100
109 90.7 76.1 114.1

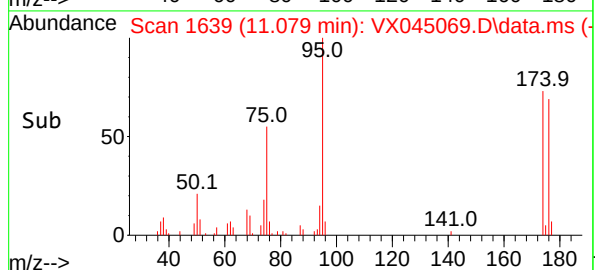
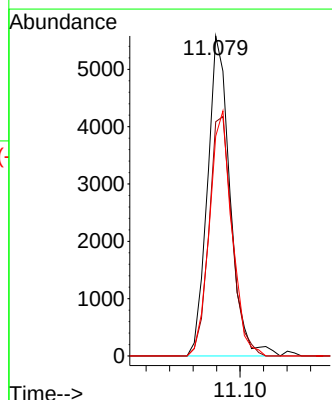
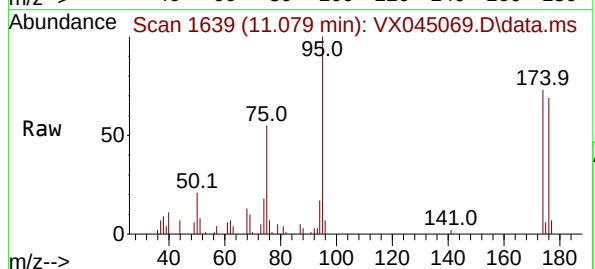
Manual Integrations
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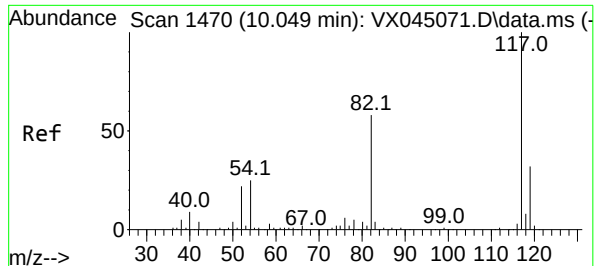
Reviewed By :John Carbone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#62
4-Bromofluorobenzene
Concen: 4.685 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

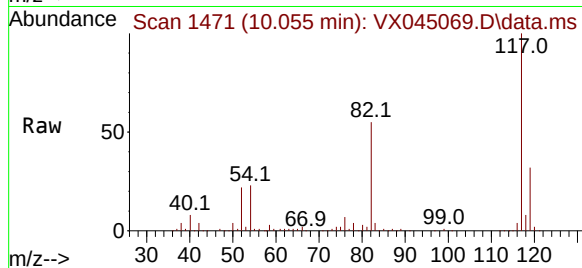
Tgt Ion: 95 Resp: 7436
Ion Ratio Lower Upper
95 100
174 76.5 0.0 148.2
176 76.3 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

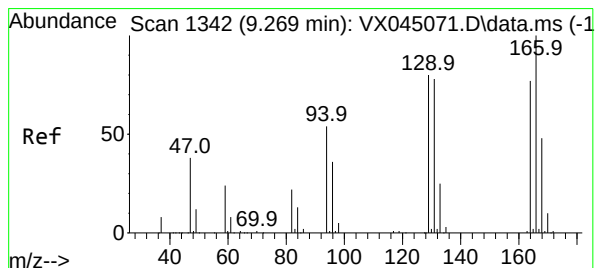
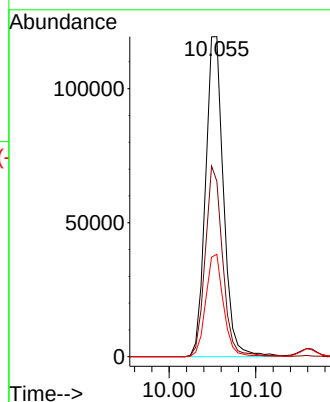
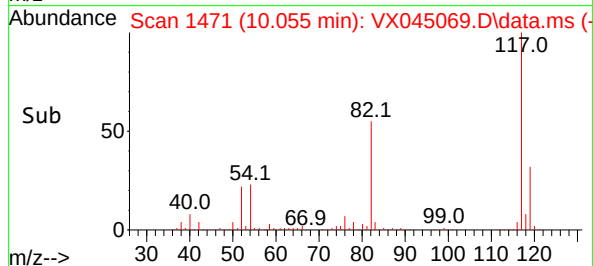
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 17236
Ion Ratio Lower Upper
117 100
82 54.8 46.3 69.5
119 32.0 25.7 38.5

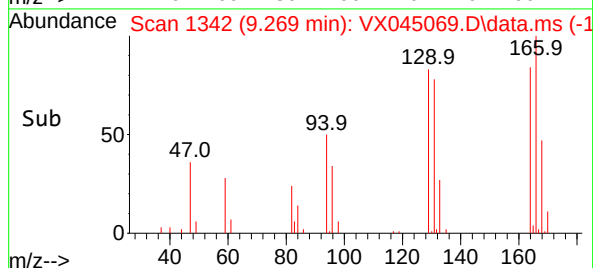
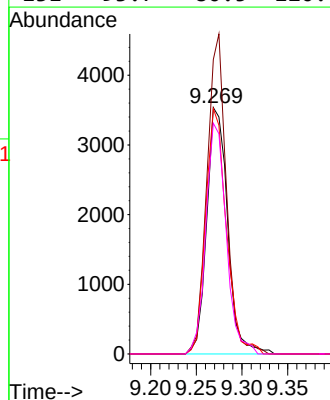
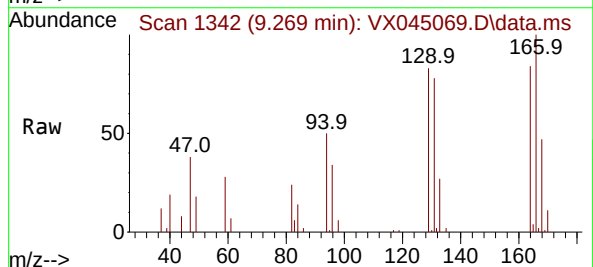
Manual Integrations
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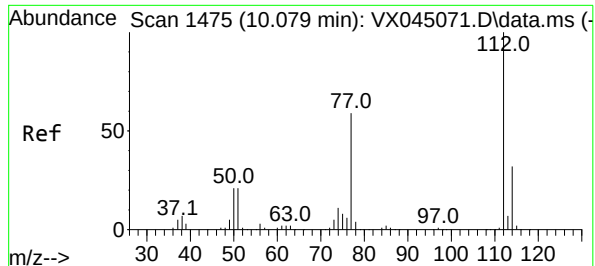
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#64
Tetrachloroethene
Concen: 5.128 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:164 Resp: 5615
Ion Ratio Lower Upper
164 100
166 119.5 103.6 155.4
129 99.7 82.7 124.1
131 93.7 80.5 120.7





#65

Chlorobenzene

Concen: 4.908 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:112 Resp: 1816

Ion Ratio Lower Upper

112 100

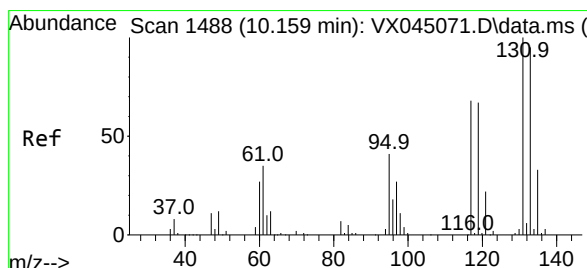
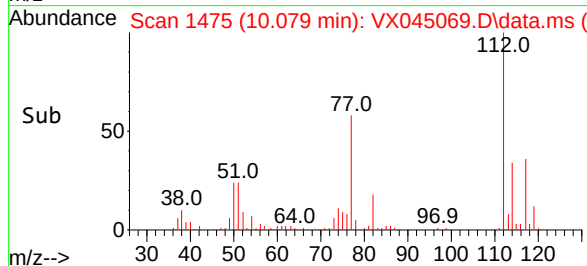
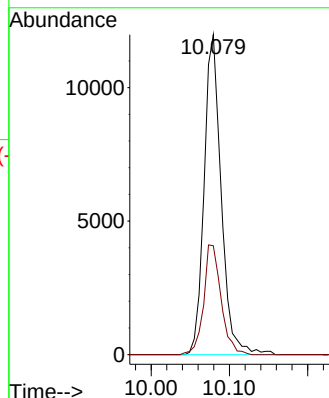
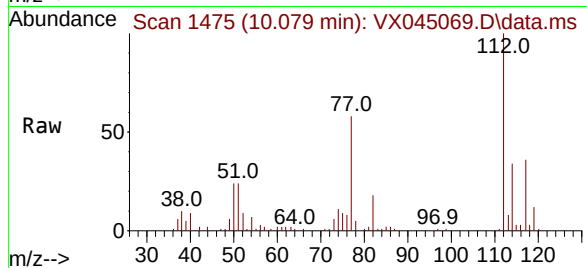
114 34.0 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#66

1,1,1,2-Tetrachloroethane

Concen: 4.781 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

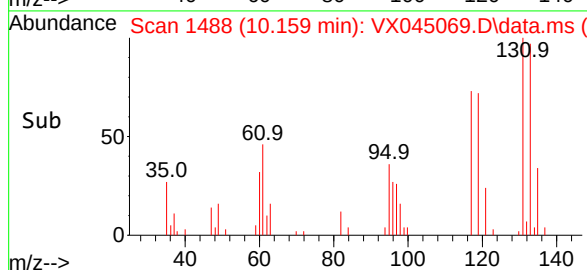
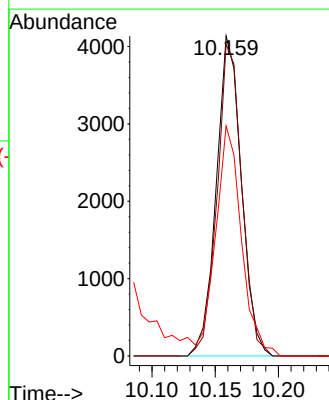
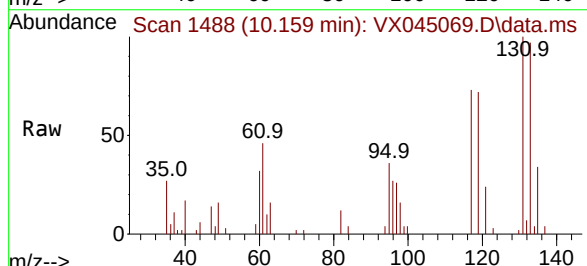
Tgt Ion:131 Resp: 5702

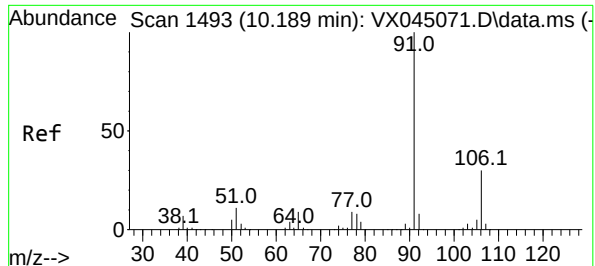
Ion Ratio Lower Upper

131 100

133 96.1 48.6 145.9

119 73.4 33.9 101.7





#67

Ethyl Benzene

Concen: 4.725 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 30918

Ion Ratio Lower Upper

91 100

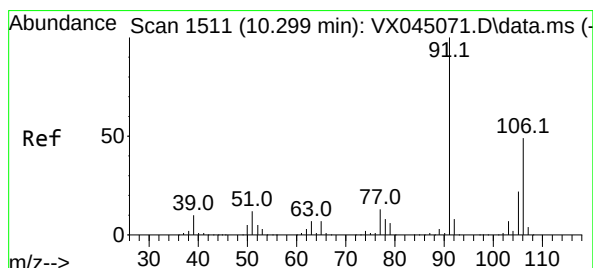
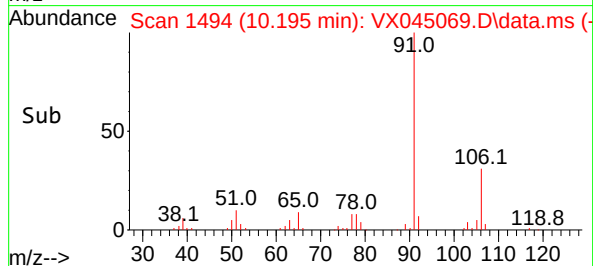
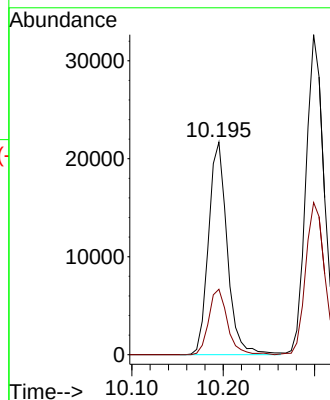
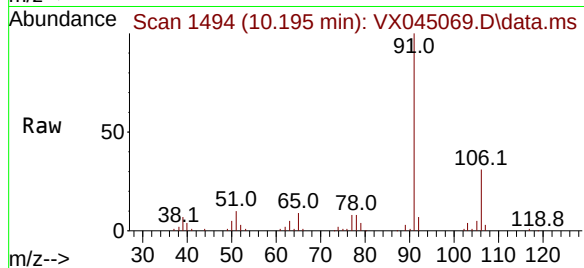
106 30.8 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#68

m/p-Xylenes

Concen: 9.608 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX045069.D

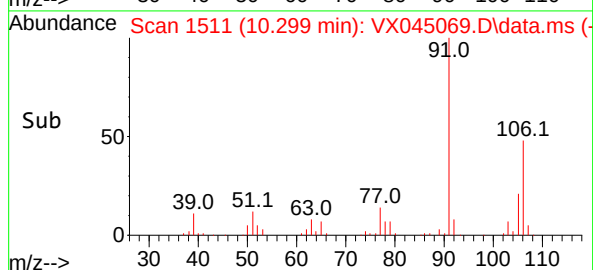
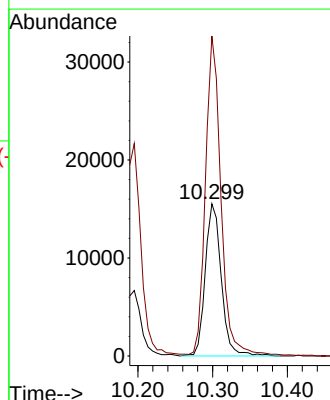
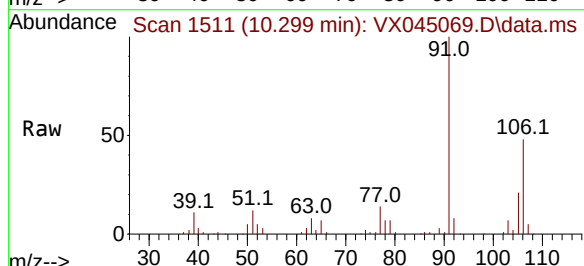
Acq: 28 Feb 2025 02:13

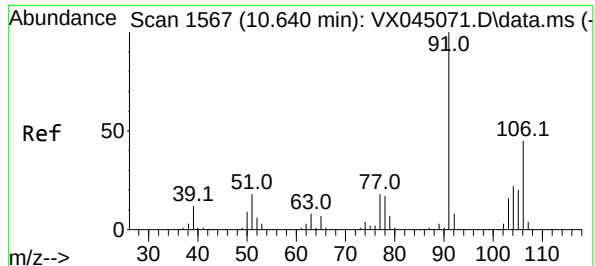
Tgt Ion:106 Resp: 23152

Ion Ratio Lower Upper

106 100

91 202.7 165.4 248.0





#69

o-Xylene

Concen: 4.914 ug/l

RT: 10.640 min Scan# 1188

Delta R.T. -0.000 min

Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:106 Resp: 1188

Ion Ratio Lower Upper

106 100

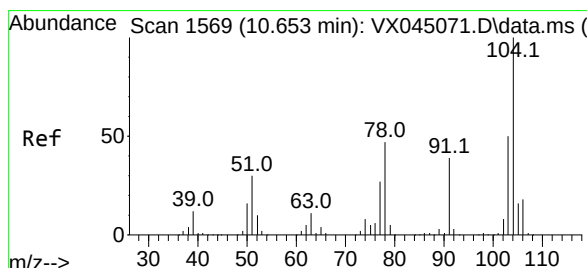
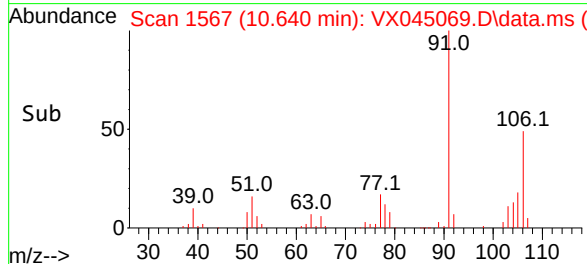
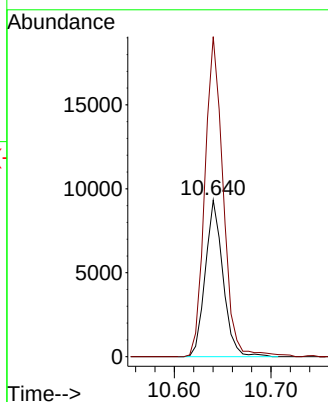
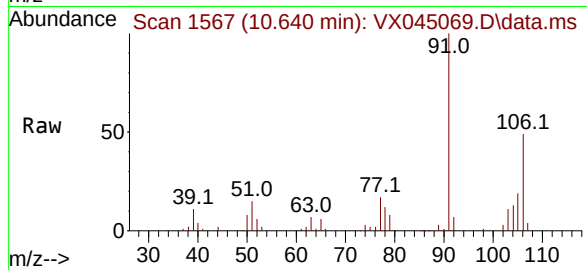
91 211.7 109.9 329.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#70

Styrene

Concen: 4.704 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

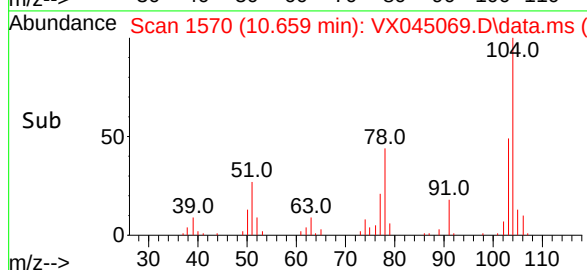
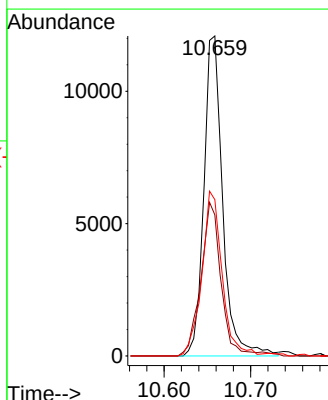
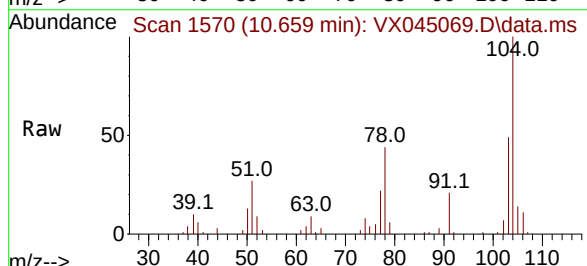
Tgt Ion:104 Resp: 18278

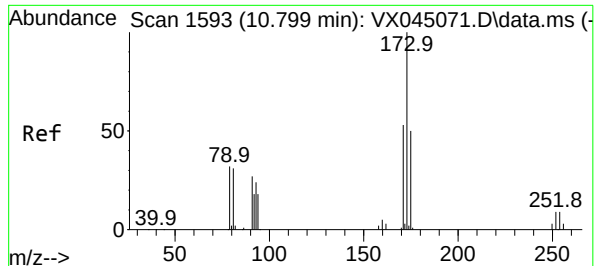
Ion Ratio Lower Upper

104 100

78 51.7 42.2 63.4

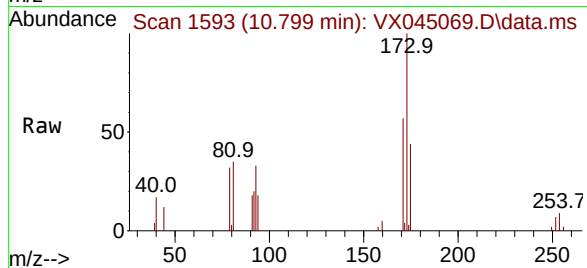
103 55.3 43.8 65.8





#71
Bromoform
Concen: 4.541 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

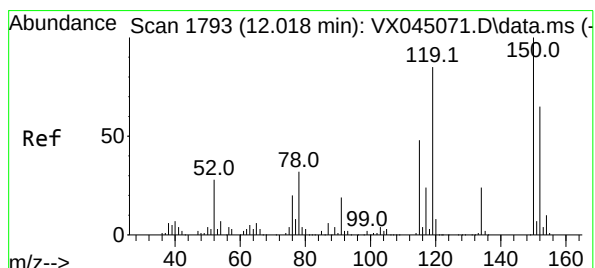
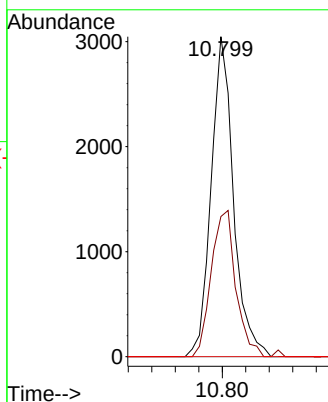
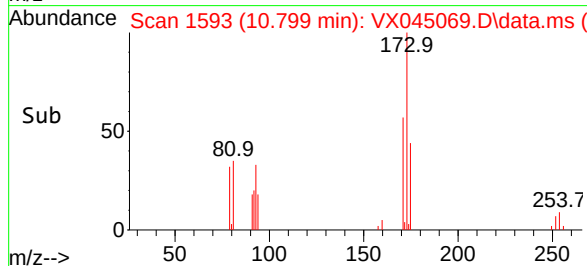
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:173 Resp: 402
Ion Ratio Lower Upper
173 100
175 50.1 24.6 73.6
254 0.0 0.0 0.0

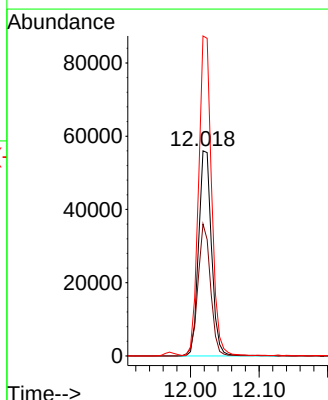
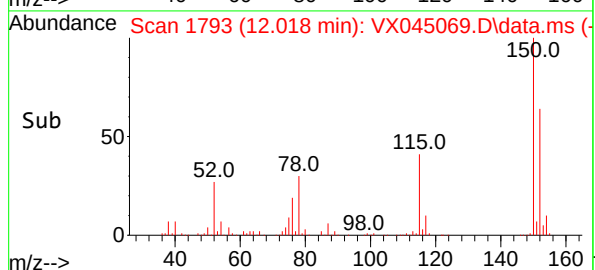
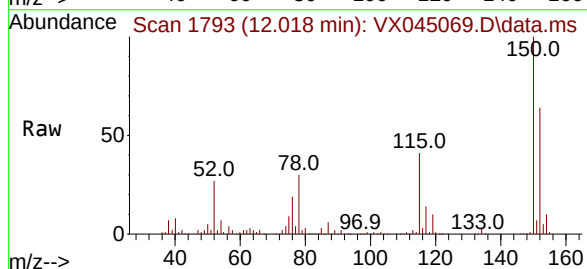
Manual Integrations
APPROVED

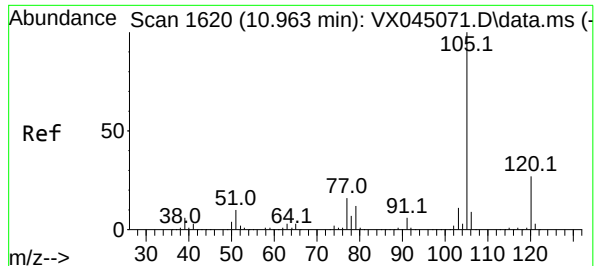
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:152 Resp: 73591
Ion Ratio Lower Upper
152 100
115 62.6 44.2 132.6
150 156.2 0.0 349.0





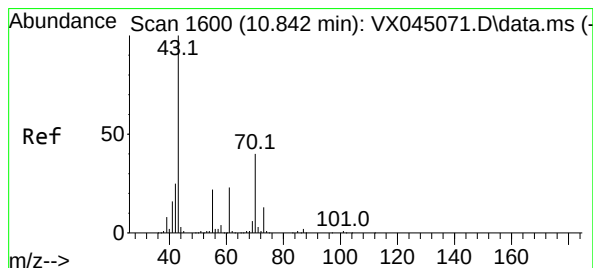
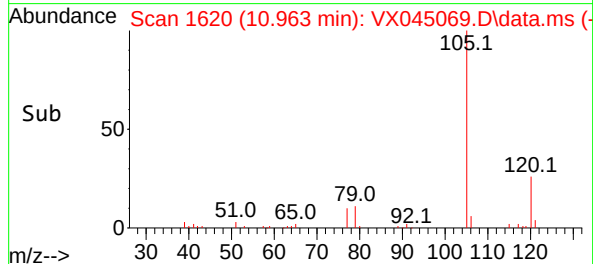
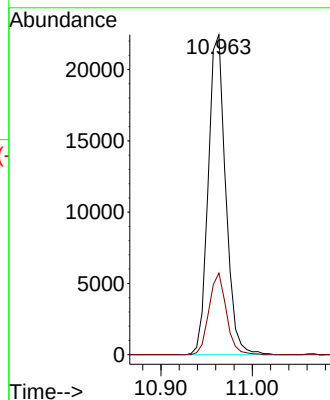
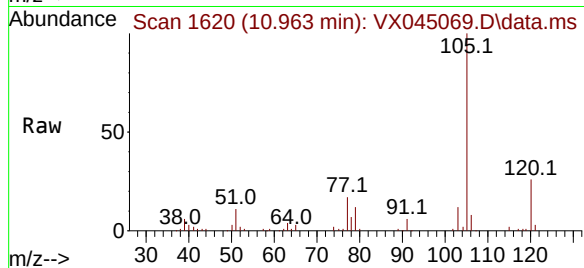
#73
Isopropylbenzene
Concen: 4.991 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 2968
Ion Ratio Lower Upper
105 100
120 25.3 13.2 39.5

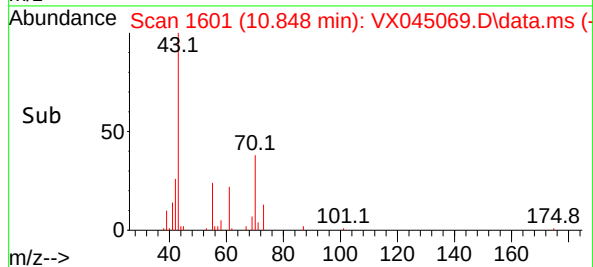
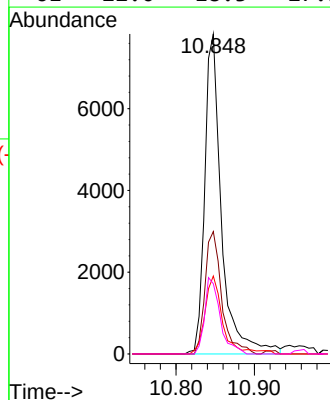
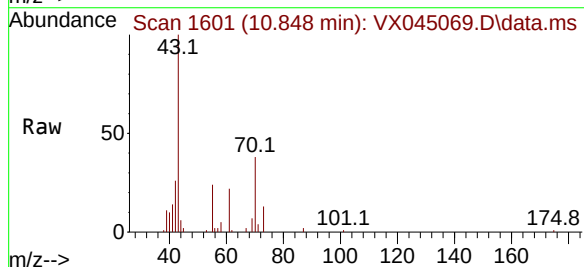
Manual Integrations
APPROVED

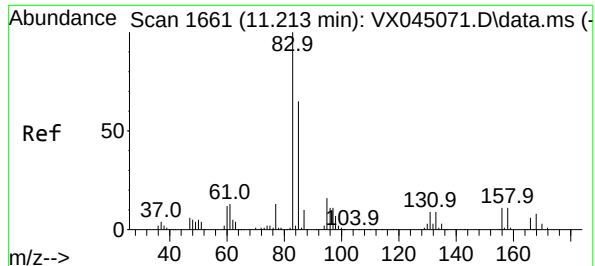
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#74
N-ethyl acetate
Concen: 4.300 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 43 Resp: 11609
Ion Ratio Lower Upper
43 100
70 38.1 31.8 47.6
55 25.9 18.3 27.5
61 22.0 18.3 27.5





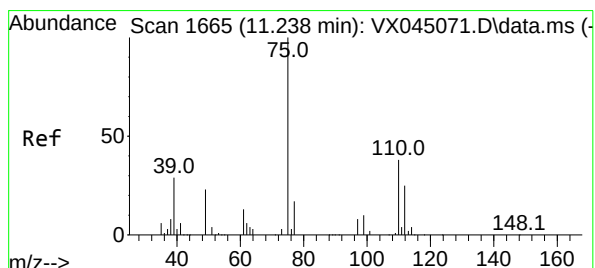
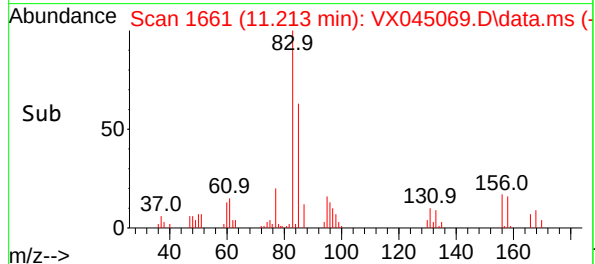
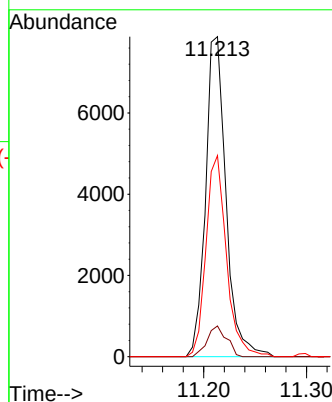
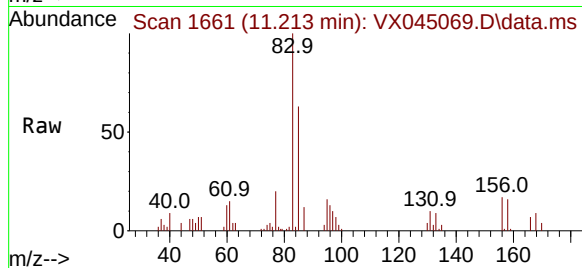
#75
1,1,2,2-Tetrachloroethane
Concen: 5.310 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 1088
Ion Ratio Lower Upper
83 100
131 9.2 4.5 13.4
85 63.1 31.7 95.1

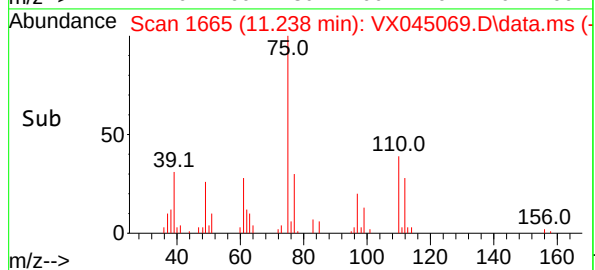
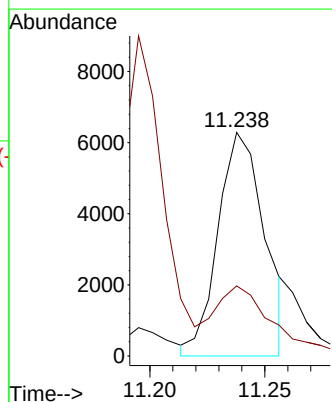
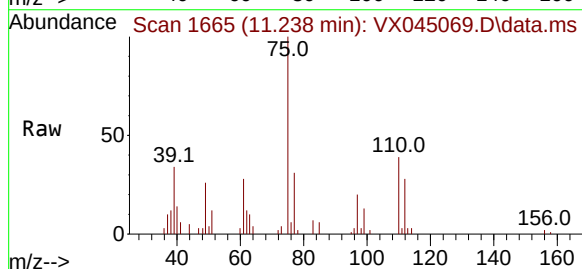
Manual Integrations
APPROVED

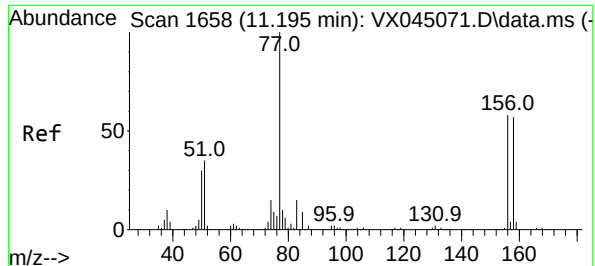
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#76
1,2,3-Trichloropropane
Concen: 5.384 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

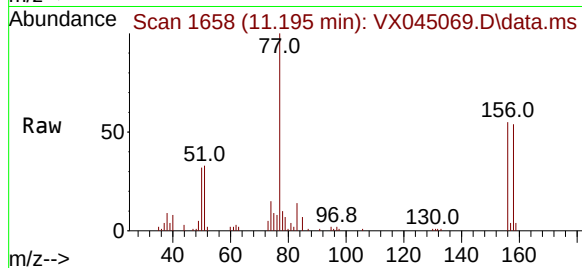
Tgt Ion: 75 Resp: 8839
Ion Ratio Lower Upper
75 100
77 39.8 20.7 62.1





#77
Bromobenzene
Concen: 5.163 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

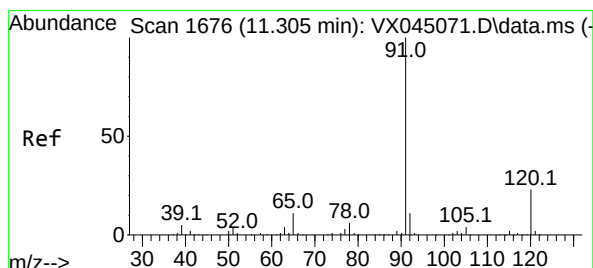
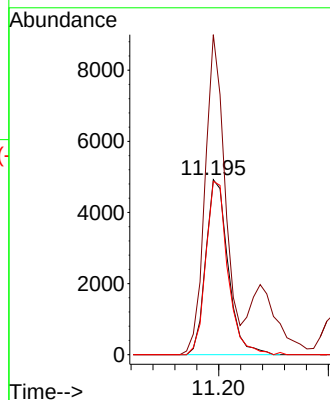
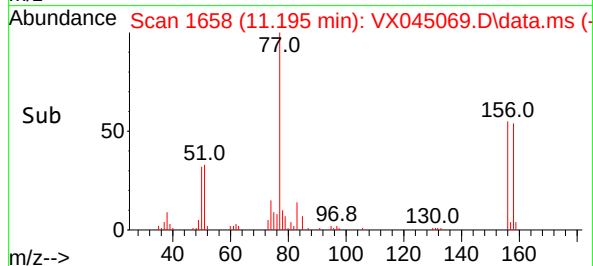
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:156 Resp: 6970
Ion Ratio Lower Upper
156 100
77 163.3 85.8 257.4
158 97.8 48.4 145.2

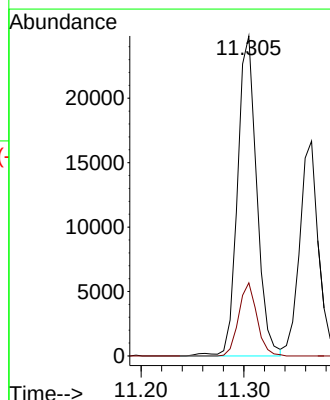
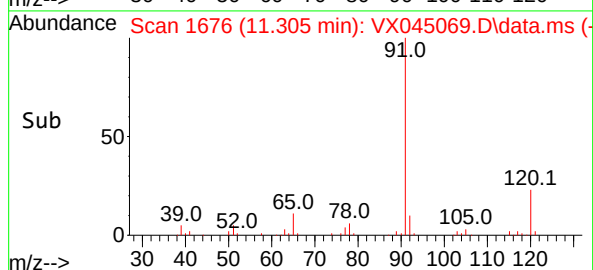
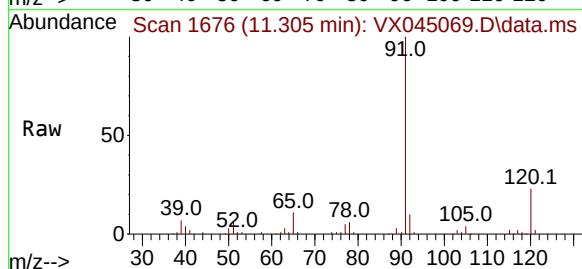
Manual Integrations
APPROVED

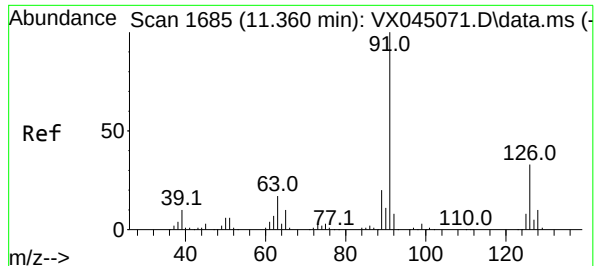
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#78
n-propylbenzene
Concen: 4.694 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion: 91 Resp: 32196
Ion Ratio Lower Upper
91 100
120 21.7 11.2 33.6





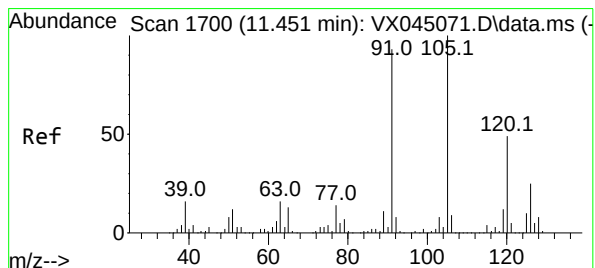
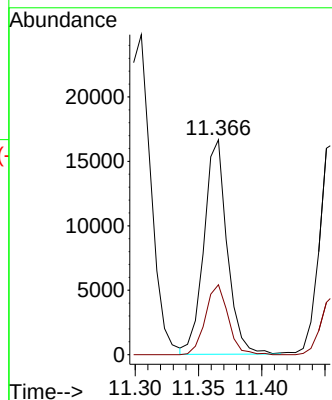
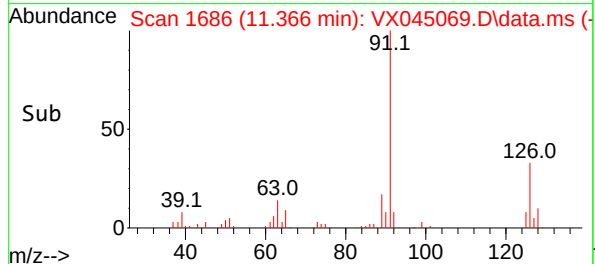
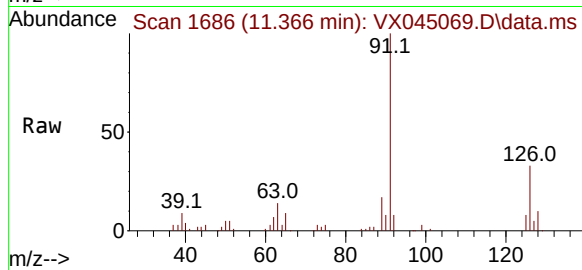
#79
2-Chlorotoluene
Concen: 5.048 ug/l
RT: 11.366 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 2125
Ion Ratio Lower Upper
91 100
126 32.0 16.4 49.4

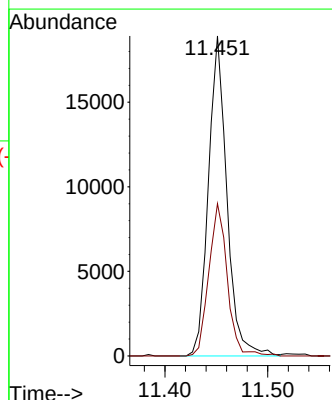
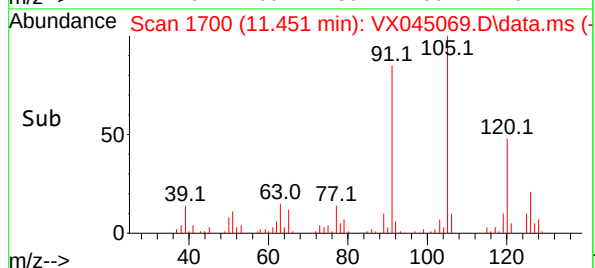
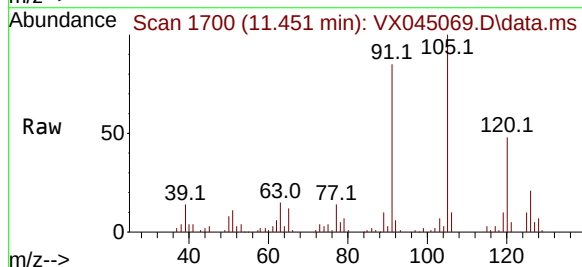
Manual Integrations
APPROVED

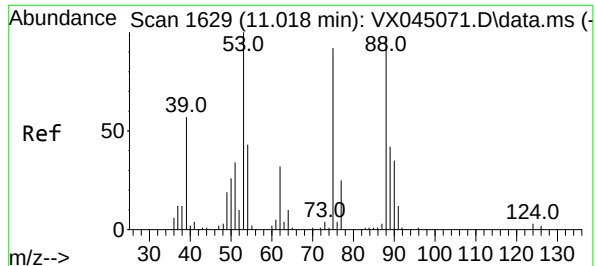
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#80
1,3,5-Trimethylbenzene
Concen: 4.897 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

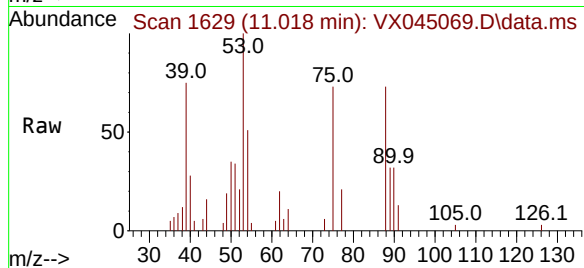
Tgt Ion:105 Resp: 23627
Ion Ratio Lower Upper
105 100
120 47.6 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 3.256 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

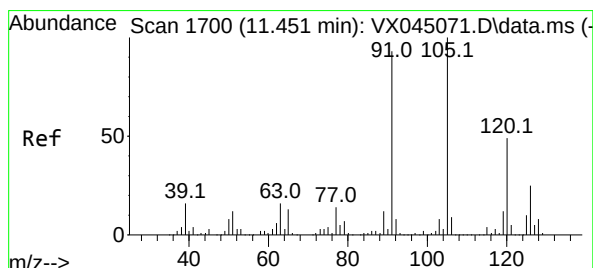
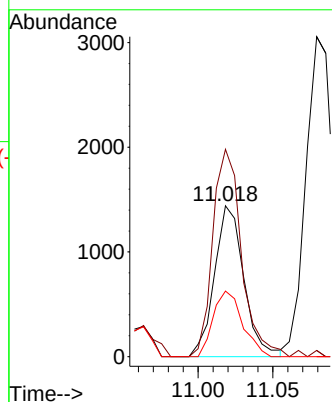
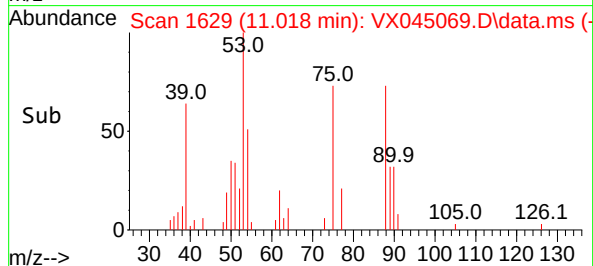
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 75 Resp: 197
Ion Ratio Lower Upper
75 100
53 134.1 88.5 132.7
89 43.4 36.2 54.4

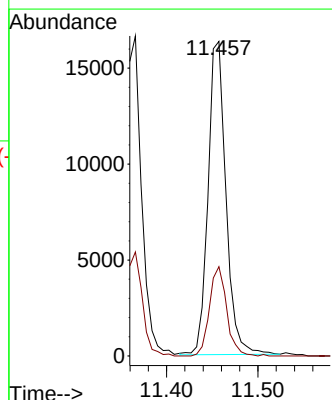
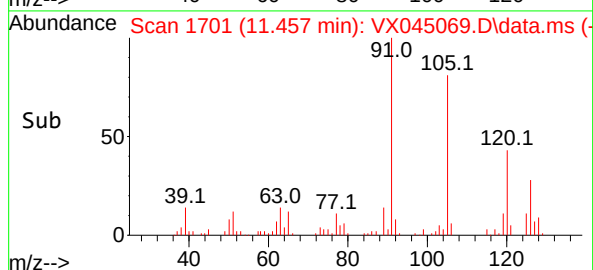
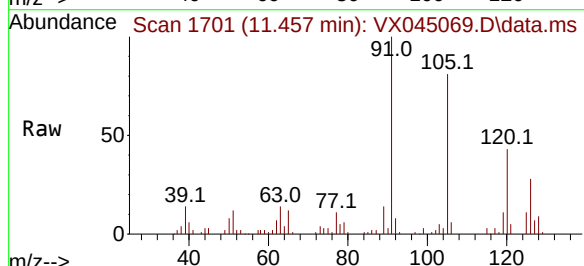
Manual Integrations
APPROVED

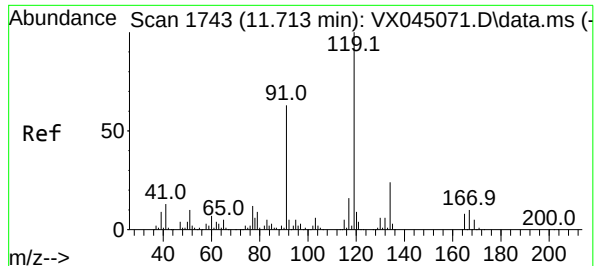
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#82
4-Chlorotoluene
Concen: 4.761 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

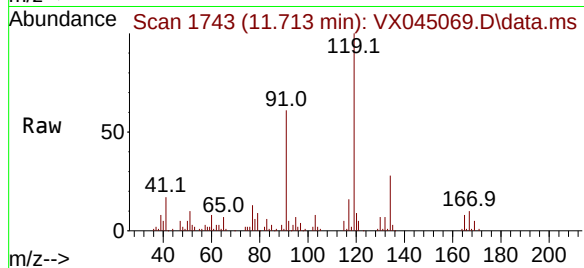
Tgt Ion: 91 Resp: 22190
Ion Ratio Lower Upper
91 100
126 27.3 14.1 42.4





#83
tert-Butylbenzene
Concen: 4.910 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

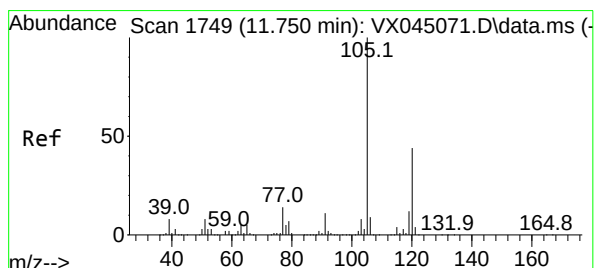
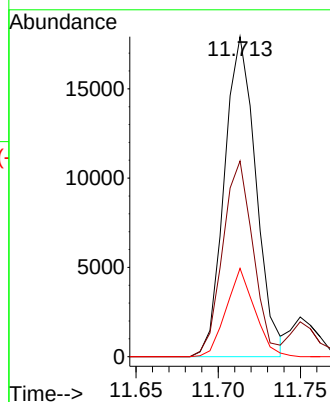
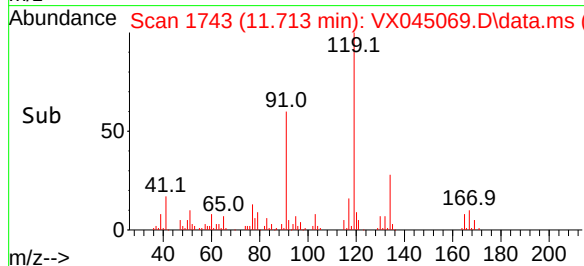
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



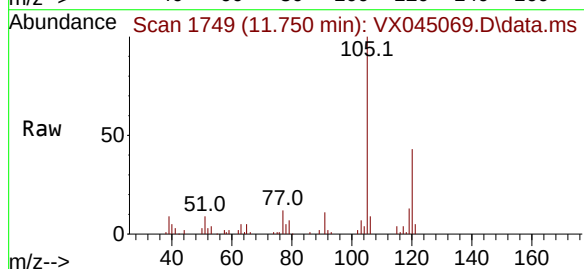
Tgt Ion:119 Resp: 23960
Ion Ratio Lower Upper
119 100
91 59.5 30.7 92.1
134 24.9 11.7 35.0

Manual Integrations
APPROVED

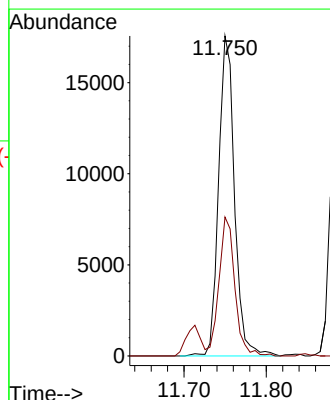
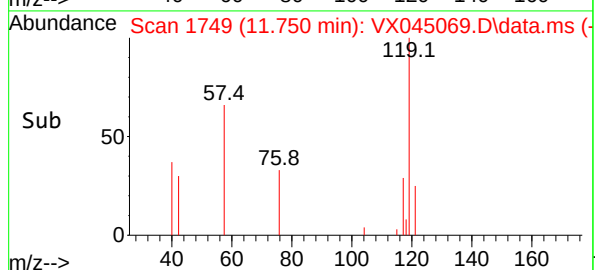
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

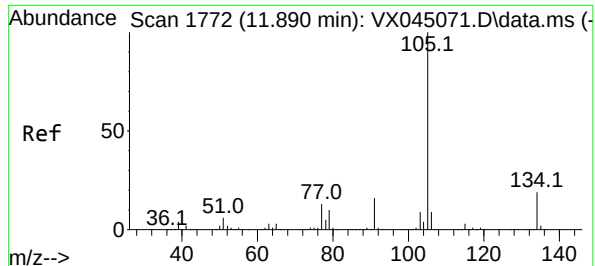


#84
1,2,4-Trimethylbenzene
Concen: 4.960 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13



Tgt Ion:105 Resp: 23561
Ion Ratio Lower Upper
105 100
120 43.4 22.1 66.1





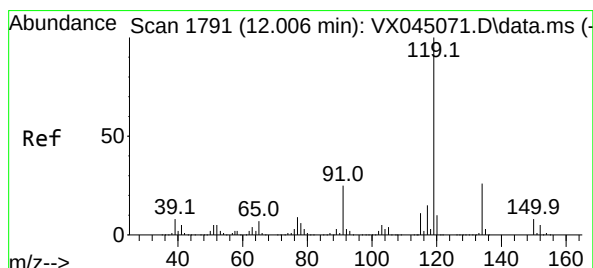
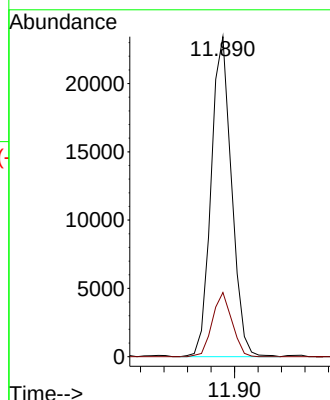
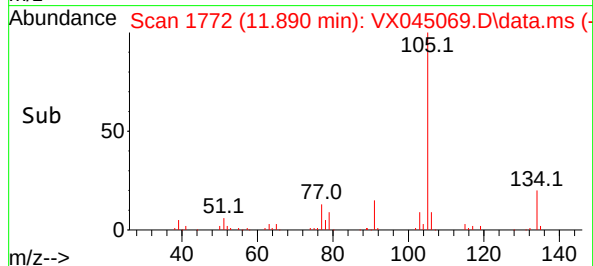
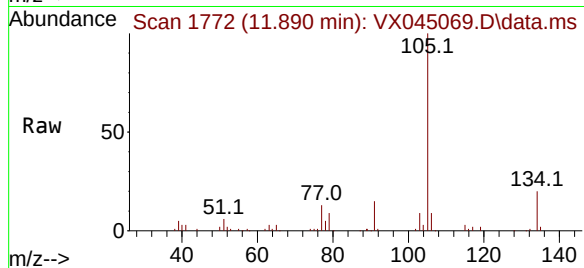
#85
sec-Butylbenzene
Concen: 4.687 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 28314
Ion Ratio Lower Upper
105 100
134 19.3 9.8 29.4

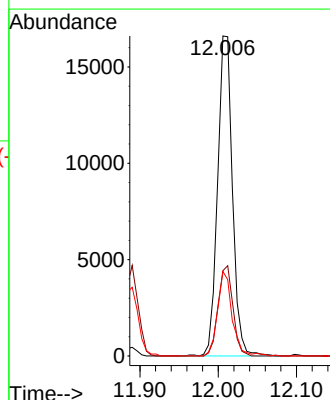
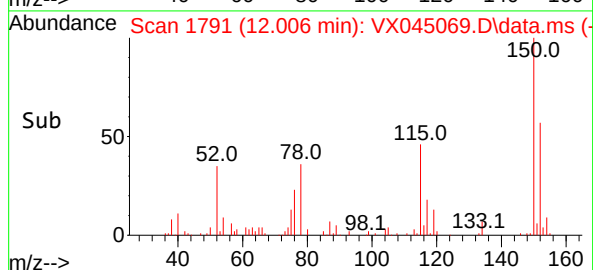
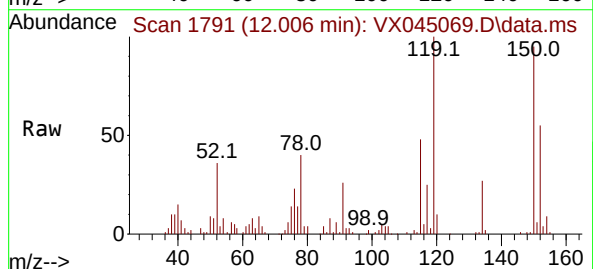
Manual Integrations
APPROVED

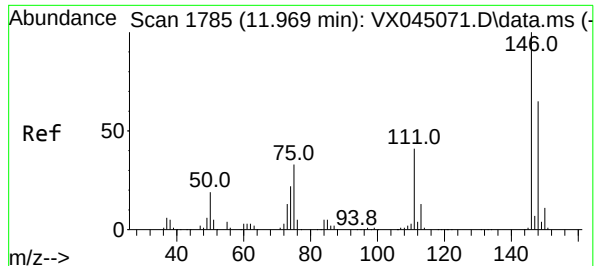
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#86
p-Isopropyltoluene
Concen: 4.532 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

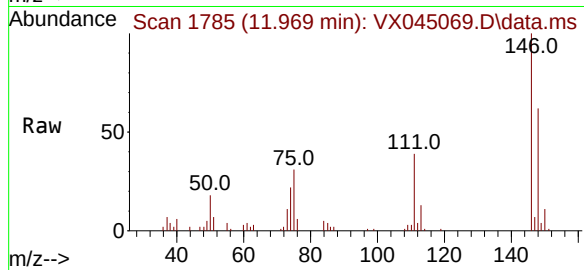
Tgt Ion:119 Resp: 21977
Ion Ratio Lower Upper
119 100
134 27.9 12.9 38.6
91 26.1 12.7 38.0





#87
1,3-Dichlorobenzene
Concen: 4.926 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

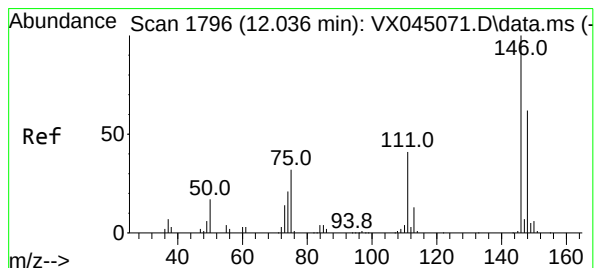
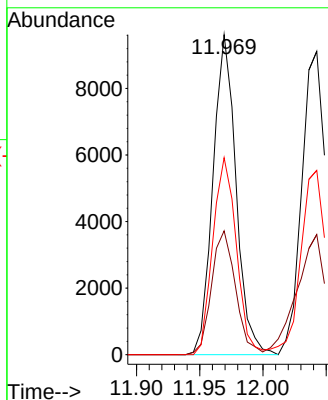
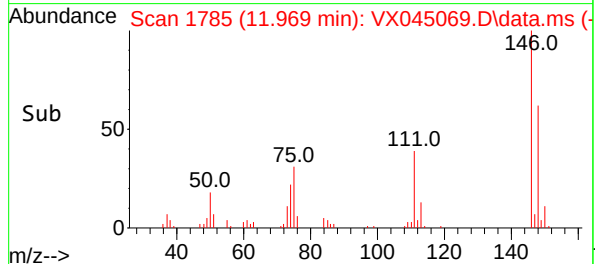
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



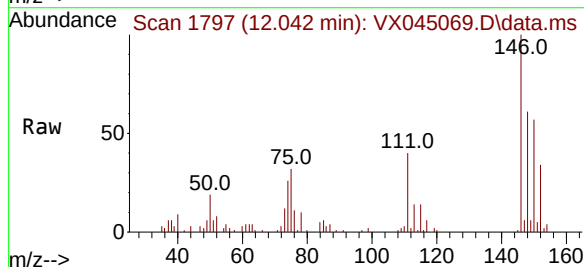
Tgt Ion:146 Resp: 1215
Ion Ratio Lower Upper
146 100
111 40.5 21.1 63.4
148 62.9 31.9 95.7

Manual Integrations
APPROVED

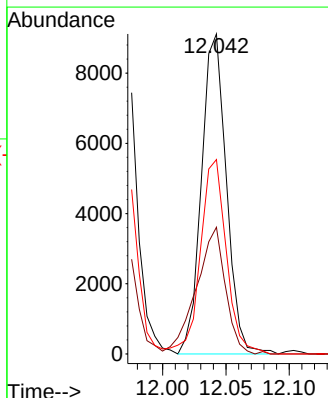
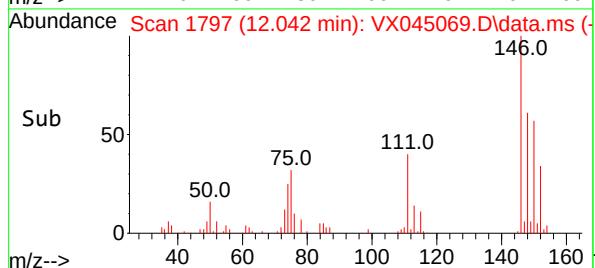
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

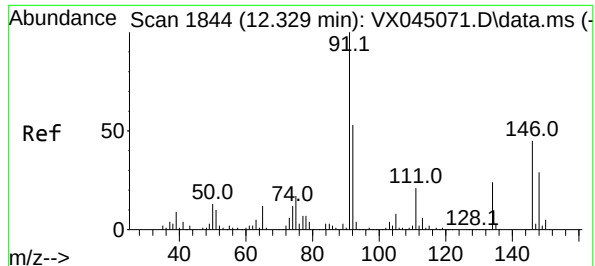


#88
1,4-Dichlorobenzene
Concen: 5.014 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13



Tgt Ion:146 Resp: 12526
Ion Ratio Lower Upper
146 100
111 46.2 20.2 60.5
148 63.5 31.9 95.9





#89

n-Butylbenzene

Concen: 4.072 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 1735

Ion Ratio Lower Upper

91 100

92 53.9 26.7 80.0

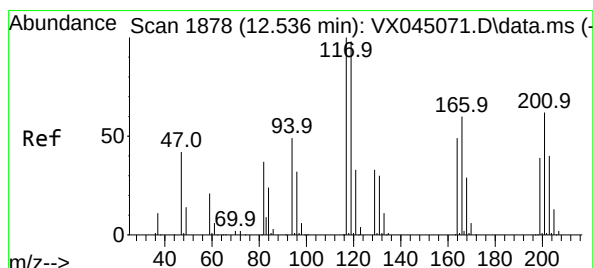
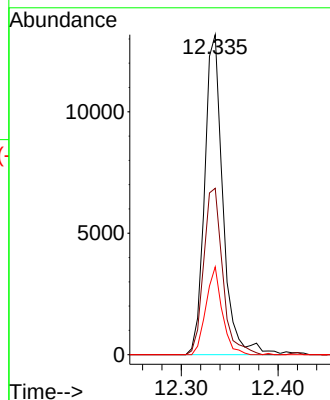
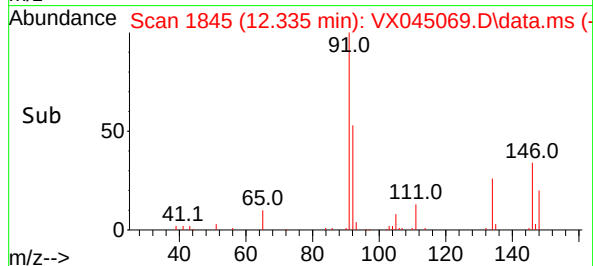
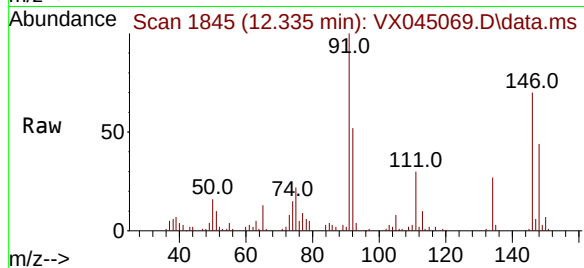
134 24.4 12.2 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#90

Hexachloroethane

Concen: 4.052 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX045069.D

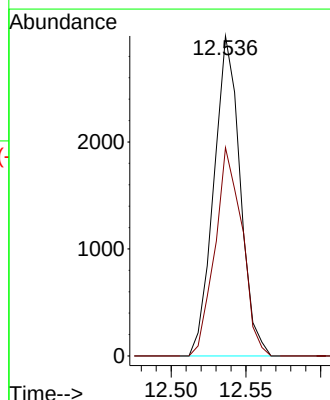
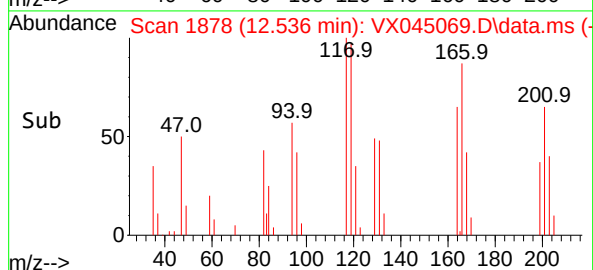
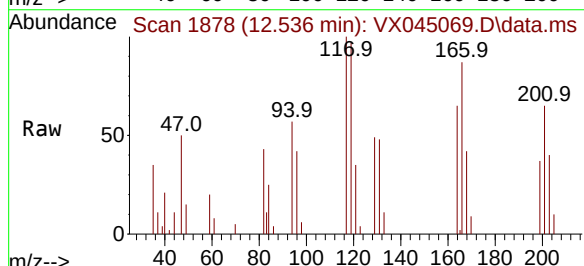
Acq: 28 Feb 2025 02:13

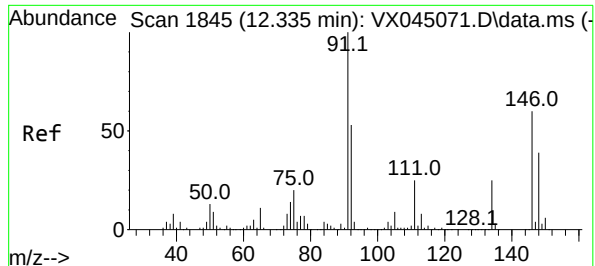
Tgt Ion:117 Resp: 3665

Ion Ratio Lower Upper

117 100

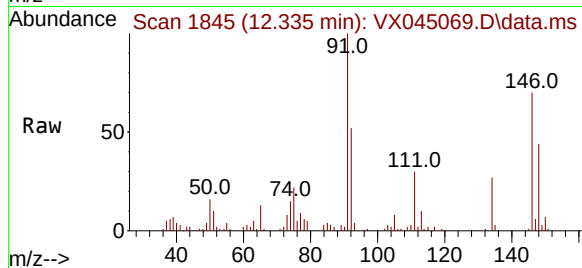
201 67.1 31.9 95.9





#91
1,2-Dichlorobenzene
Concen: 5.138 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

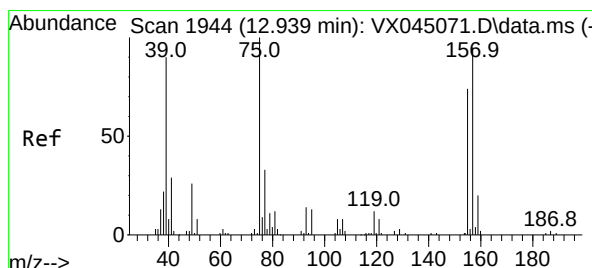
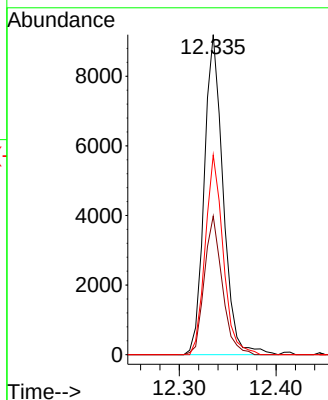
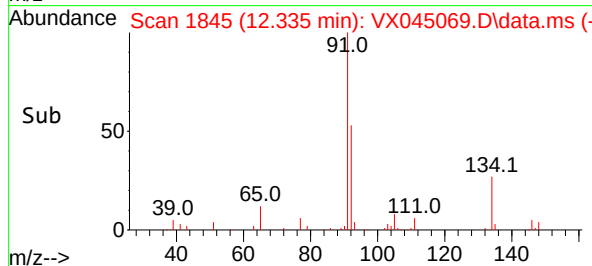
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:146 Resp: 1247
Ion Ratio Lower Upper
146 100
111 41.2 21.6 65.0
148 59.4 31.9 95.9

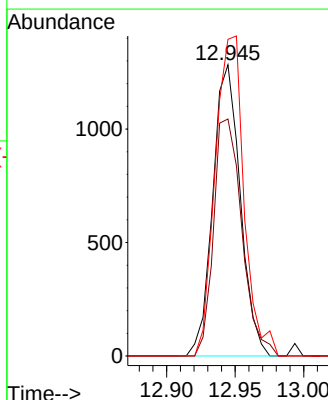
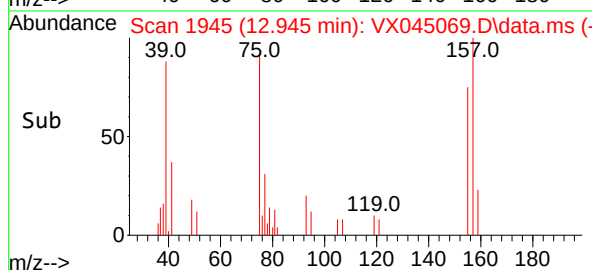
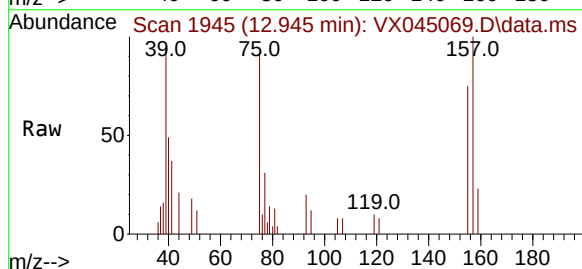
Manual Integrations
APPROVED

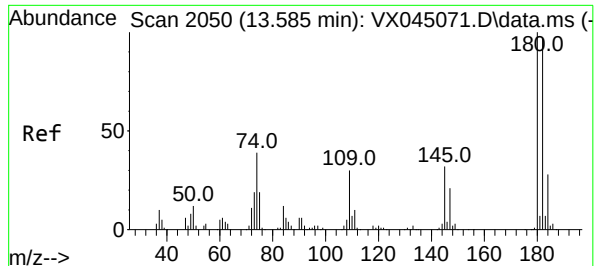
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.712 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

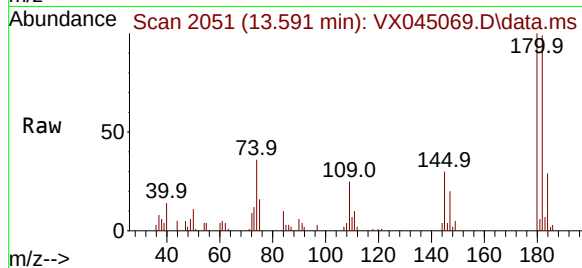
Tgt Ion: 75 Resp: 1787
Ion Ratio Lower Upper
75 100
155 83.8 39.6 118.7
157 115.4 51.1 153.4





#93
1,2,4-Trichlorobenzene
Concen: 4.114 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

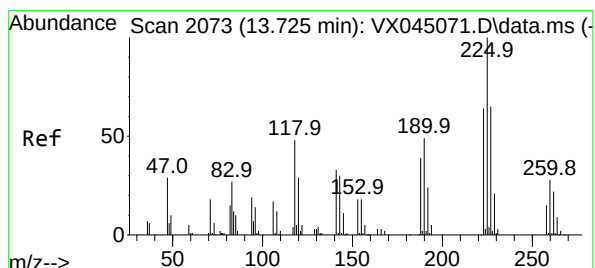
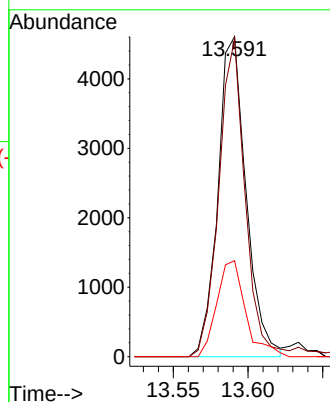
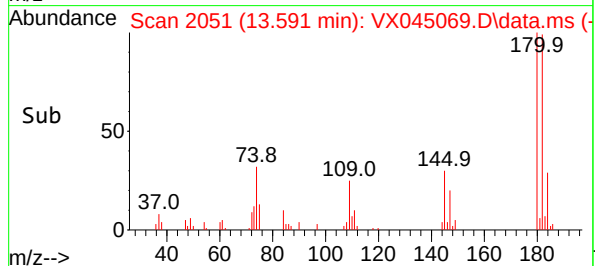
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:180 Resp: 6040
Ion Ratio Lower Upper
180 100
182 92.4 47.3 141.9
145 30.6 16.3 48.9

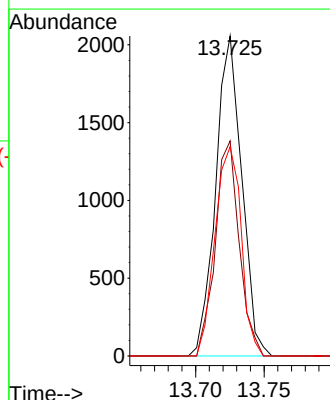
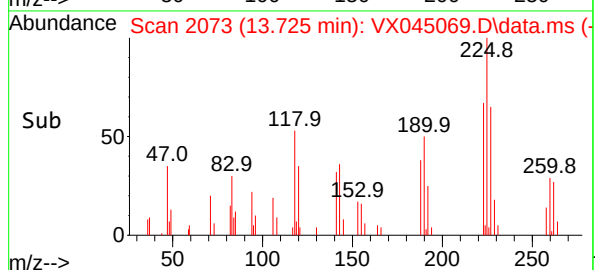
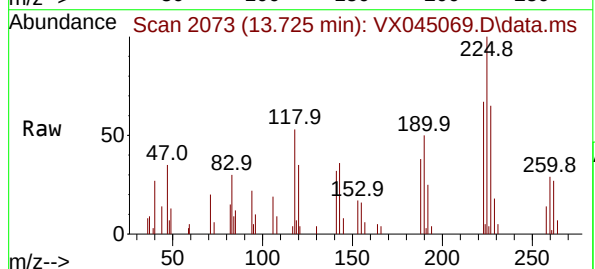
Manual Integrations
APPROVED

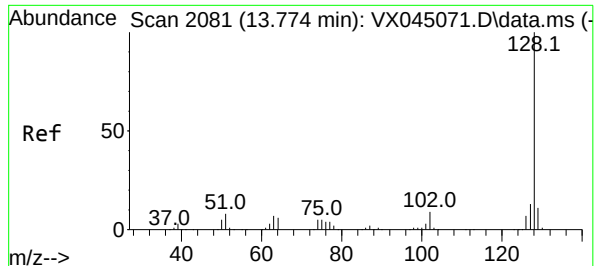
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#94
Hexachlorobutadiene
Concen: 4.640 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

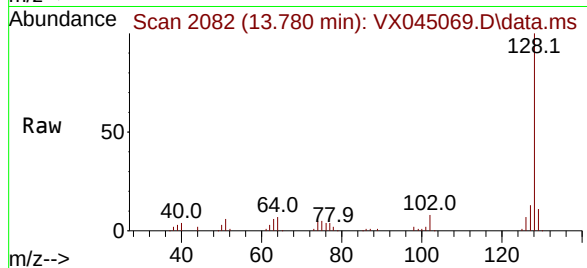
Tgt Ion:225 Resp: 2716
Ion Ratio Lower Upper
225 100
223 61.8 31.9 95.7
227 65.5 31.4 94.0





#95
Naphthalene
Concen: 4.287 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

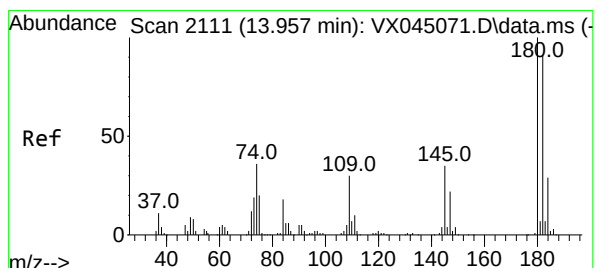
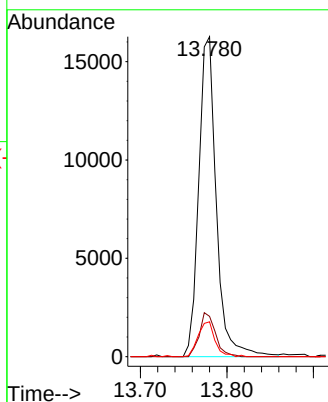
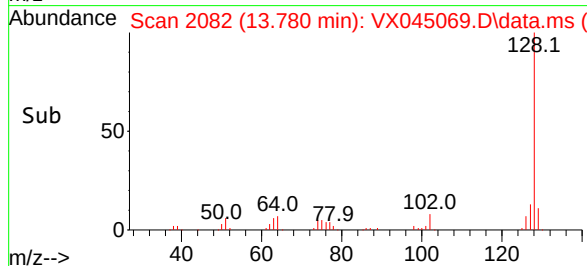
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:128 Resp: 2292
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.6 8.7 13.1

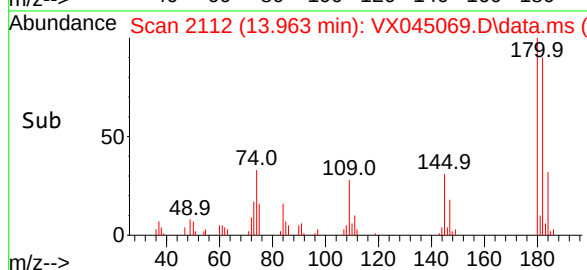
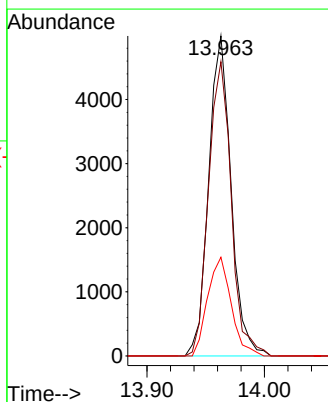
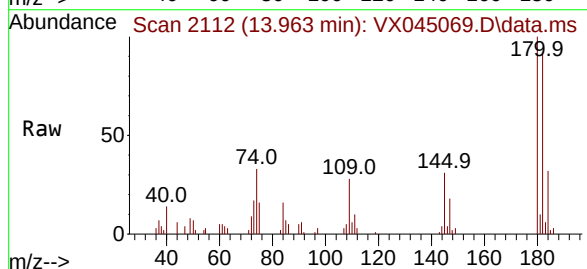
Manual Integrations
APPROVED

Reviewed By :John Carbone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#96
1,2,3-Trichlorobenzene
Concen: 4.437 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX045069.D
Acq: 28 Feb 2025 02:13

Tgt Ion:180 Resp: 6600
Ion Ratio Lower Upper
180 100
182 93.3 47.5 142.6
145 32.6 17.0 50.9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
 Data File : VX045070.D
 Acq On : 28 Feb 2025 02:37
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Feb 28 05:33:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 05:28:02 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/28/2025
 Supervised By : Mahesh Dadoda 02/28/2025

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	97338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	177403	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	157714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	70072	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	30514	21.221	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	42.440%#		
35) Dibromofluoromethane	5.385	113	23739	20.473	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	40.940%#		
50) Toluene-d8	8.646	98	84516	19.469	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	38.940%#		
62) 4-Bromofluorobenzene	11.079	95	27856	19.215	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	38.420%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	25155	18.750	ug/l	95
3) Chloromethane	1.306	50	32219	19.736	ug/l	99
4) Vinyl Chloride	1.373	62	30134	18.899	ug/l	97
5) Bromomethane	1.593	94	11584	23.239	ug/l	99
6) Chloroethane	1.660	64	14237	23.457	ug/l	99
7) Trichlorofluoromethane	1.867	101	40880	20.015	ug/l	99
8) Diethyl Ether	2.135	74	15911	21.437	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.312	101	23154	18.984	ug/l	98
10) Methyl Iodide	2.440	142	29500	18.867	ug/l	100
11) Tert butyl alcohol	2.983	59	31246	118.627	ug/l	98
12) 1,1-Dichloroethene	2.306	96	23810	19.014	ug/l	97
13) Acrolein	2.239	56	33586	117.747	ug/l	99
14) Allyl chloride	2.654	41	42993	19.096	ug/l	100
15) Acrylonitrile	3.068	53	84182	117.598	ug/l	100
16) Acetone	2.385	43	74701	126.257	ug/l	99
17) Carbon Disulfide	2.501	76	61802	18.139	ug/l	99
18) Methyl Acetate	2.709	43	35157	19.729	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	82833	20.689	ug/l	96
20) Methylene Chloride	2.782	84	29281	20.895	ug/l	94
21) trans-1,2-Dichloroethene	3.080	96	23471	19.057	ug/l	97
22) Diisopropyl ether	3.763	45	90378	20.995	ug/l	93
23) Vinyl Acetate	3.721	43	381808	108.038	ug/l	99
24) 1,1-Dichloroethane	3.605	63	49826	20.716	ug/l	99
25) 2-Butanone	4.562	43	118713	124.449	ug/l	97
26) 2,2-Dichloropropane	4.470	77	22886	12.799	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	29788	20.065	ug/l	99
28) Bromochloromethane	4.891	49	23869	20.579	ug/l	99
29) Tetrahydrofuran	5.007	42	77433	122.519	ug/l	99
30) Chloroform	5.086	83	49751	21.147	ug/l	97
31) Cyclohexane	5.464	56	42340	19.181	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	39276	19.831	ug/l	99
36) 1,1-Dichloropropene	5.684	75	31519	18.903	ug/l	99
37) Ethyl Acetate	4.714	43	43097	22.714	ug/l	99
38) Carbon Tetrachloride	5.671	117	31694	19.334	ug/l	97
39) Methylcyclohexane	7.372	83	39769	18.676	ug/l	97
40) Benzene	6.031	78	105787	20.298	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
 Data File : VX045070.D
 Acq On : 28 Feb 2025 02:37
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025

Quant Time: Feb 28 05:33:34 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M

Quant Title : SW846 8260

QLast Update : Fri Feb 28 05:28:02 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	23924	23.605	ug/l	97
42) 1,2-Dichloroethane	6.086	62	38653	22.886	ug/l	99
43) Isopropyl Acetate	6.348	43	66727	22.094	ug/l	99
44) Trichloroethene	7.122	130	24052	20.191	ug/l	98
45) 1,2-Dichloropropane	7.427	63	27128	20.945	ug/l	99
46) Dibromomethane	7.580	93	19323	21.357	ug/l	97
47) Bromodichloromethane	7.817	83	38038	21.732	ug/l	97
48) Methyl methacrylate	7.695	41	32627	22.757	ug/l	98
49) 1,4-Dioxane	7.665	88	14602	479.170	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	229615	124.081	ug/l	98
52) Toluene	8.714	92	63326	20.463	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	30917	17.871	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	36118	18.675	ug/l	97
55) 1,1,2-Trichloroethane	9.152	97	26358	21.992	ug/l	99
56) Ethyl methacrylate	9.116	69	39850	20.791	ug/l	97
57) 1,3-Dichloropropane	9.305	76	45644	21.836	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	96311	102.342	ug/l	99
59) 2-Hexanone	9.433	43	168768	126.428	ug/l	100
60) Dibromochloromethane	9.518	129	27705	21.668	ug/l	99
61) 1,2-Dibromoethane	9.610	107	26311	21.764	ug/l	98
64) Tetrachloroethene	9.268	164	20140	20.102	ug/l	97
65) Chlorobenzene	10.079	112	68777	20.316	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.158	131	22508	20.627	ug/l	97
67) Ethyl Benzene	10.189	91	119165	19.905	ug/l	100
68) m/p-Xylenes	10.299	106	89735	40.699	ug/l	98
69) o-Xylene	10.640	106	44281	20.018	ug/l	98
70) Styrene	10.652	104	73832	20.767	ug/l	98
71) Bromoform	10.799	173	17403	21.449	ug/l #	99
73) Isopropylbenzene	10.963	105	112099	19.794	ug/l	99
74) N-amyl acetate	10.841	43	52972	20.606	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	42413	21.738	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	33440m	21.394	ug/l	
77) Bromobenzene	11.195	156	26310	20.466	ug/l	99
78) n-propylbenzene	11.305	91	128284	19.641	ug/l	100
79) 2-Chlorotoluene	11.359	91	79275	19.775	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	94545	20.581	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	8759	15.196	ug/l	96
82) 4-Chlorotoluene	11.451	91	86281	19.443	ug/l	98
83) tert-Butylbenzene	11.713	119	93670	20.159	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	94734	20.943	ug/l	100
85) sec-Butylbenzene	11.890	105	115953	20.160	ug/l	100
86) p-Isopropyltoluene	12.006	119	91554	19.827	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	47934	20.400	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	46657	19.615	ug/l	99
89) n-Butylbenzene	12.329	91	78135	19.249	ug/l	100
90) Hexachloroethane	12.536	117	15919	18.483	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	48632	21.031	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	7987	22.119	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	27424	19.617	ug/l	99
94) Hexachlorobutadiene	13.725	225	10934	19.616	ug/l	99
95) Naphthalene	13.774	128	108350	21.279	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	28937	20.432	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045070.D
Acq On : 28 Feb 2025 02:37
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

Quant Time: Feb 28 05:33:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

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

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

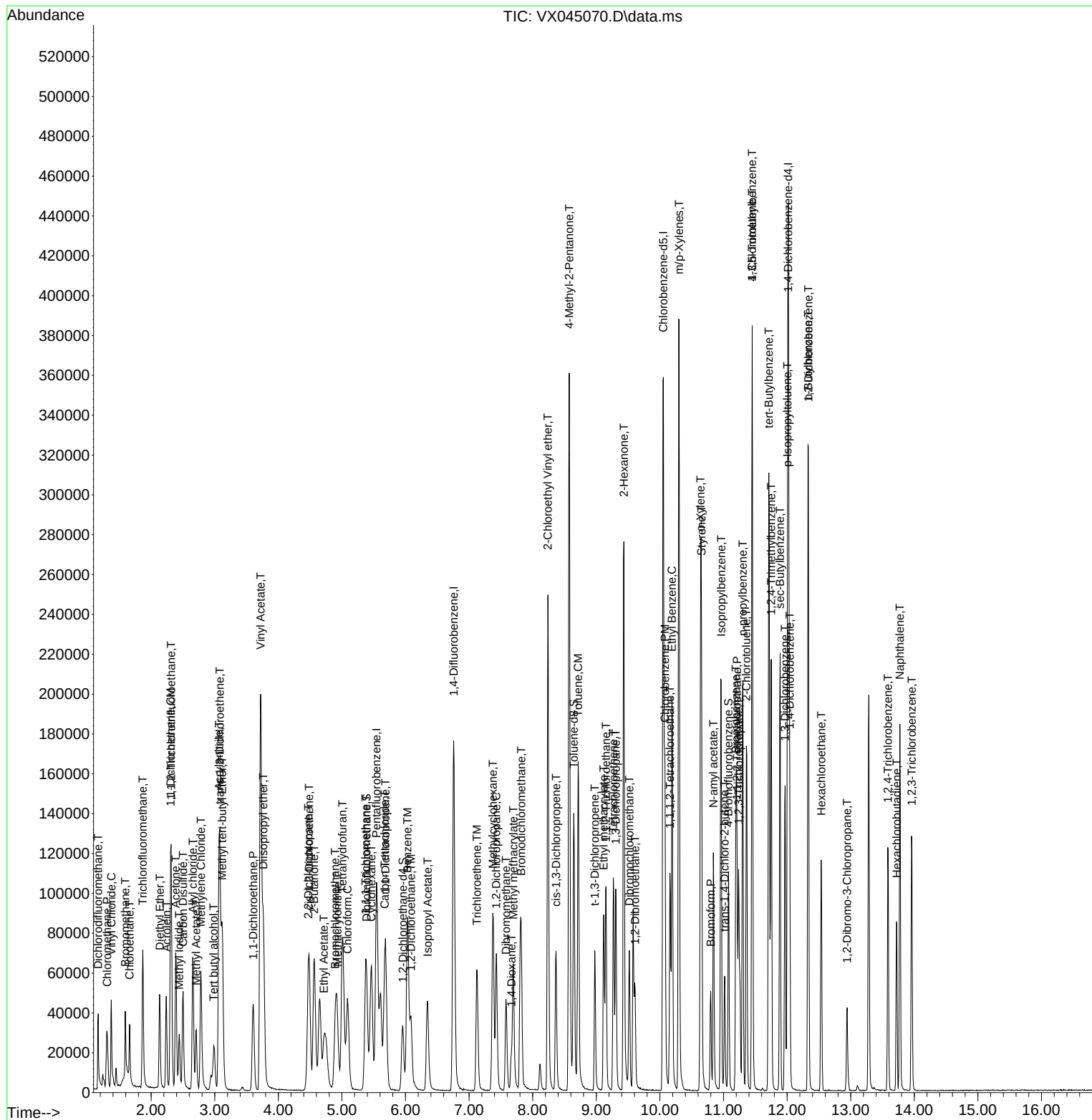
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Operator : JC/MD
Sample : VSTDIC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

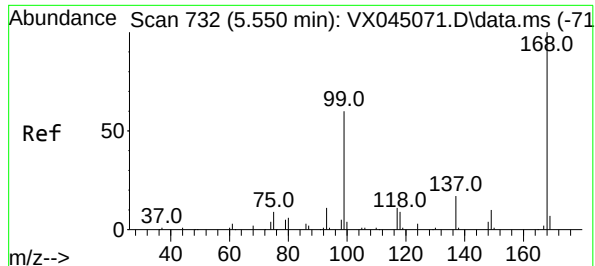
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

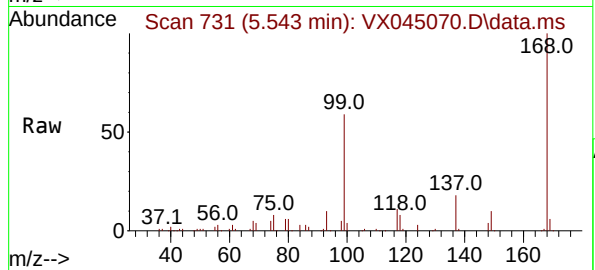
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Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

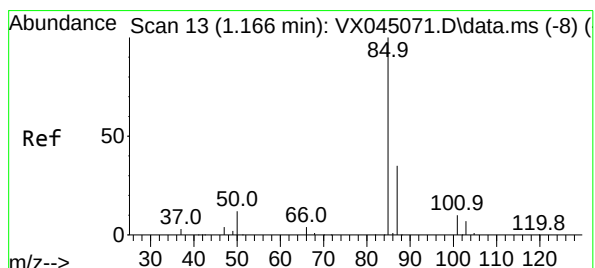
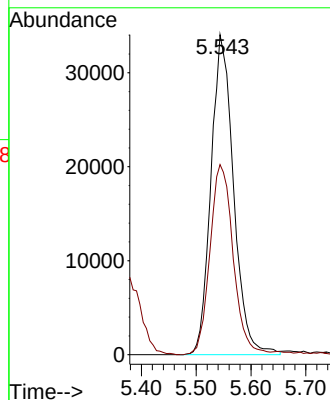
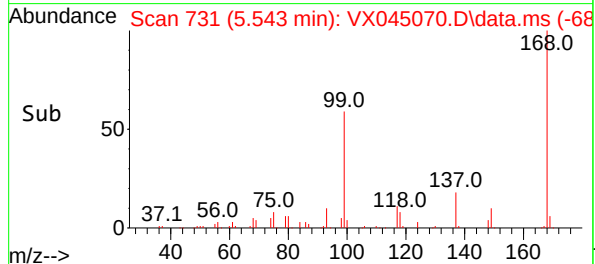
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 97338
Ion Ratio Lower Upper
168 100
99 59.4 48.2 72.4

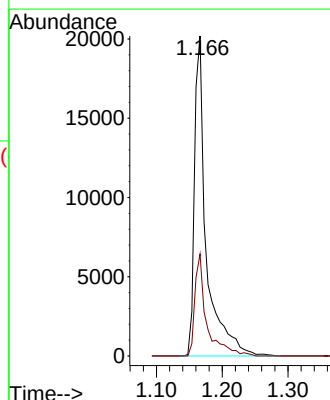
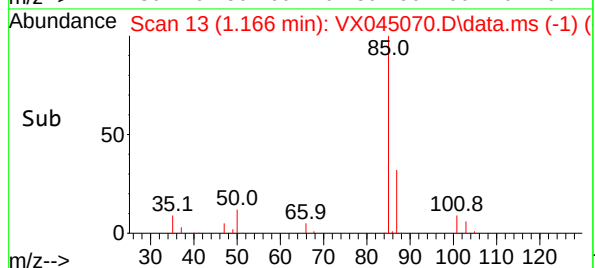
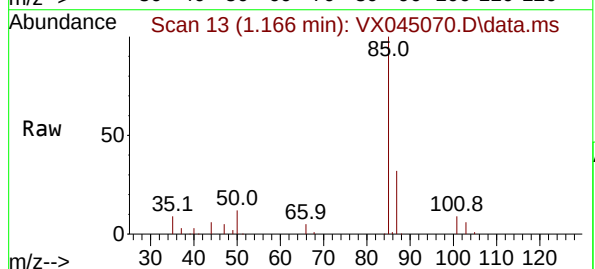
Manual Integrations
APPROVED

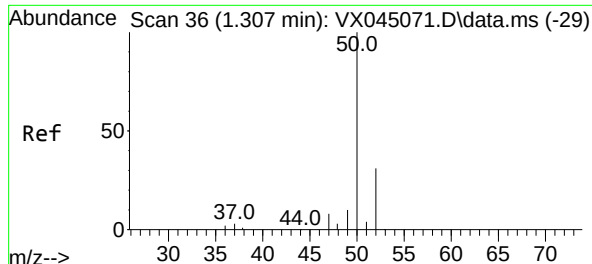
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#2
Dichlorodifluoromethane
Concen: 18.750 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

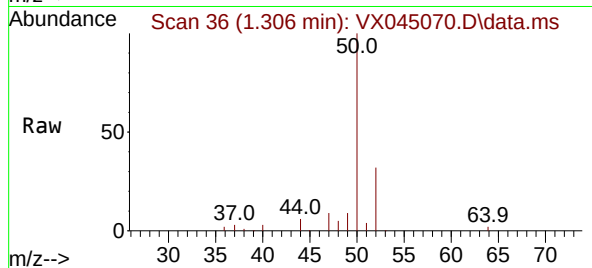
Tgt Ion: 85 Resp: 25155
Ion Ratio Lower Upper
85 100
87 31.9 17.4 52.3





#3
Chloromethane
Concen: 19.736 ug/l
RT: 1.306 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

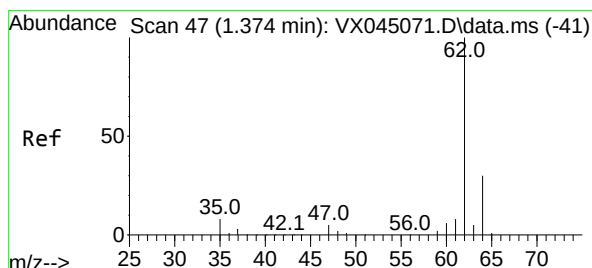
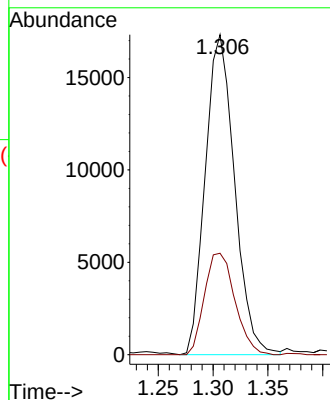
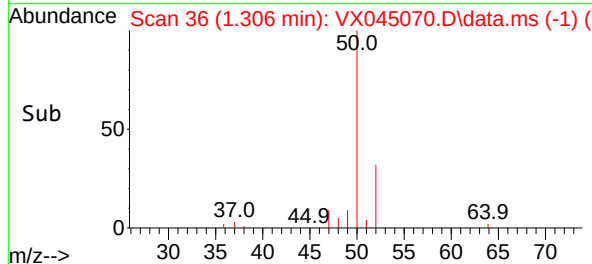
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 50 Resp: 32219
Ion Ratio Lower Upper
50 100
52 31.7 25.0 37.4

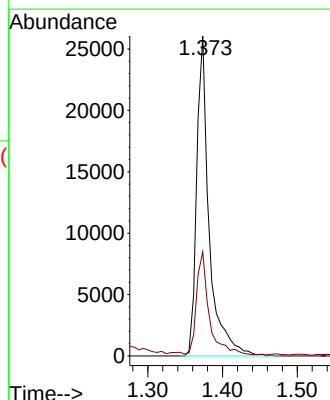
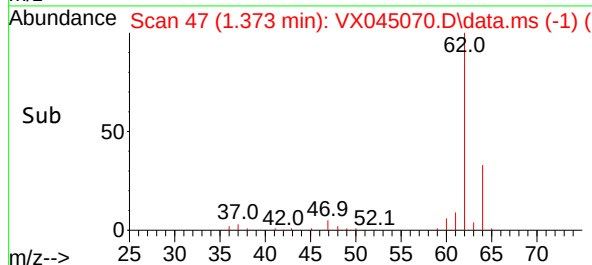
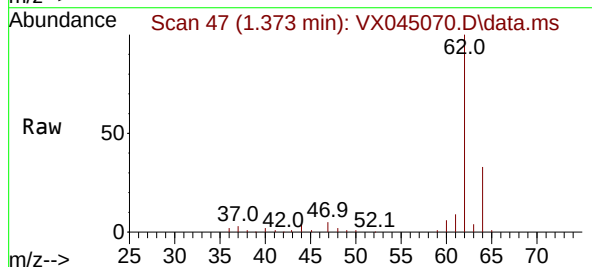
Manual Integrations
APPROVED

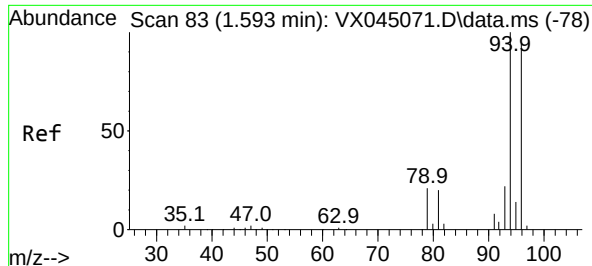
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#4
Vinyl Chloride
Concen: 18.899 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

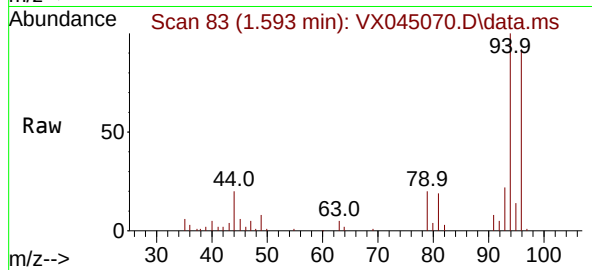
Tgt Ion: 62 Resp: 30134
Ion Ratio Lower Upper
62 100
64 32.0 24.3 36.5





#5
Bromomethane
Concen: 23.239 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

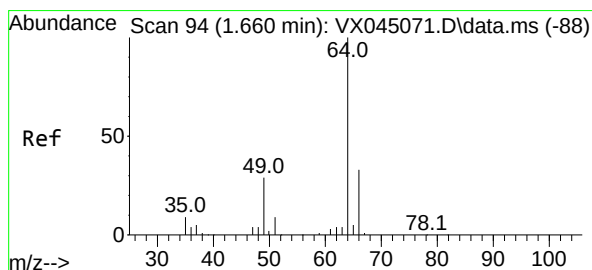
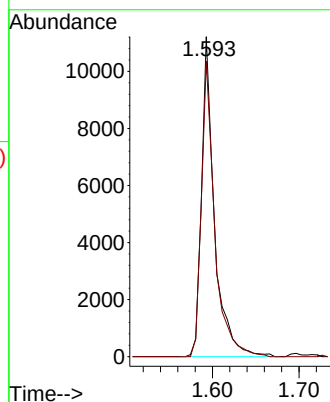
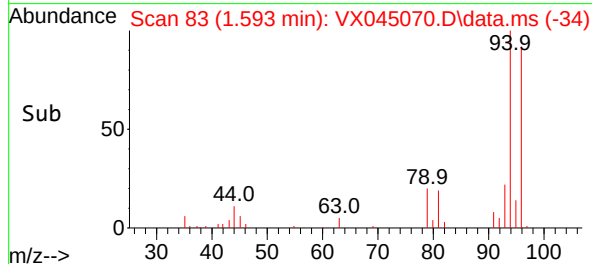
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 94 Resp: 11584
Ion Ratio Lower Upper
94 100
96 92.4 75.0 112.4

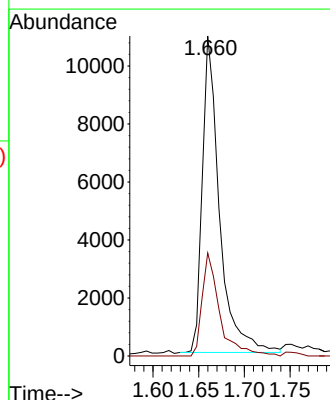
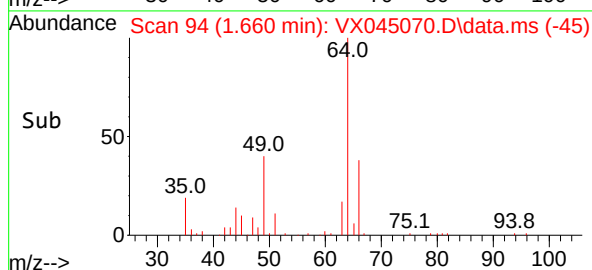
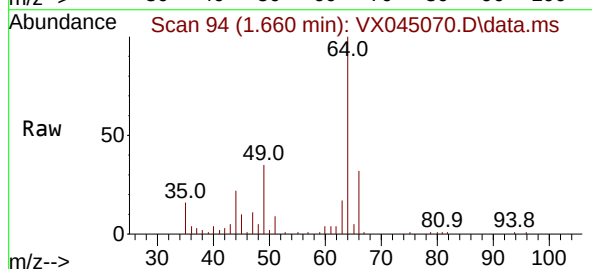
Manual Integrations
APPROVED

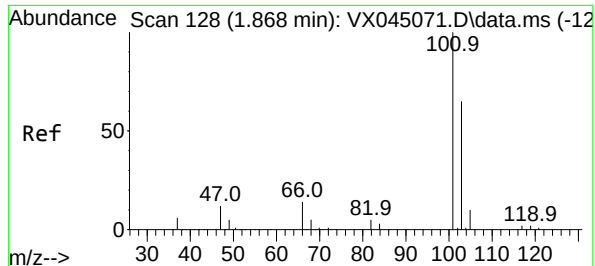
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#6
Chloroethane
Concen: 23.457 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

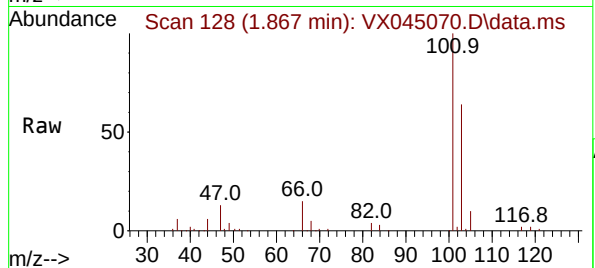
Tgt Ion: 64 Resp: 14237
Ion Ratio Lower Upper
64 100
66 32.6 26.7 40.1





#7
Trichlorofluoromethane
Concen: 20.015 ug/l
RT: 1.867 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

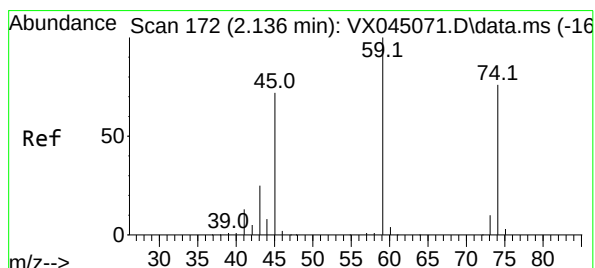
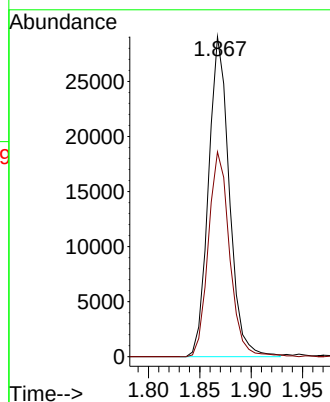
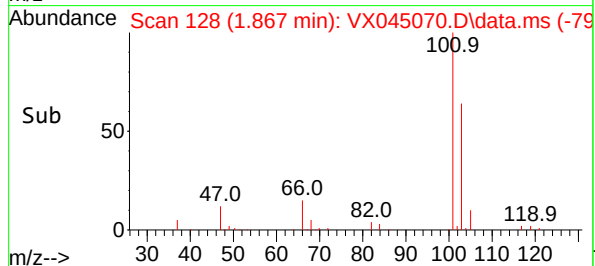
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:101 Resp: 40880
Ion Ratio Lower Upper
101 100
103 64.0 52.1 78.1

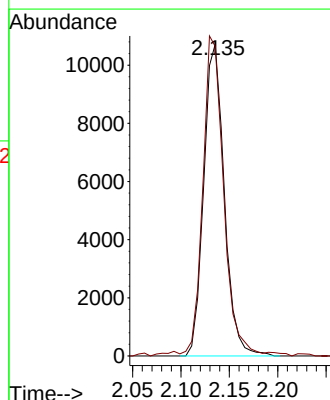
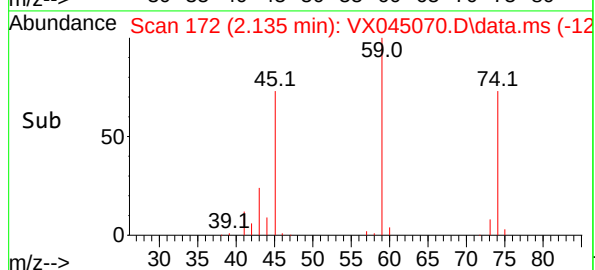
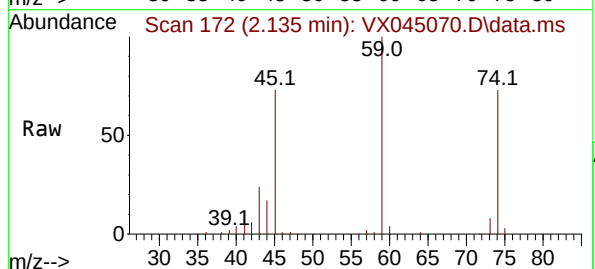
Manual Integrations
APPROVED

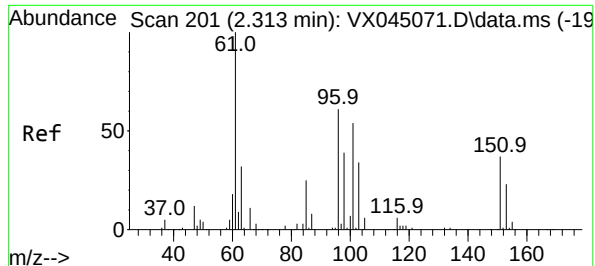
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#8
Diethyl Ether
Concen: 21.437 ug/l
RT: 2.135 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 74 Resp: 15911
Ion Ratio Lower Upper
74 100
45 105.3 51.5 154.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.984 ug/l

RT: 2.312 min Scan# 201

Delta R.T. -0.000 min

Lab File: VX045070.D

Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

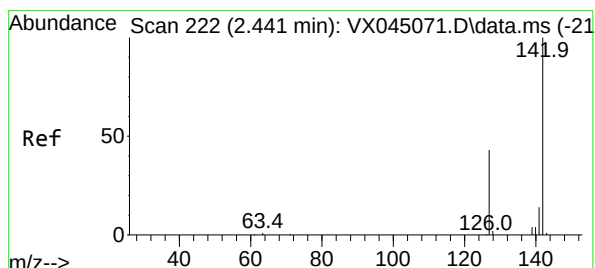
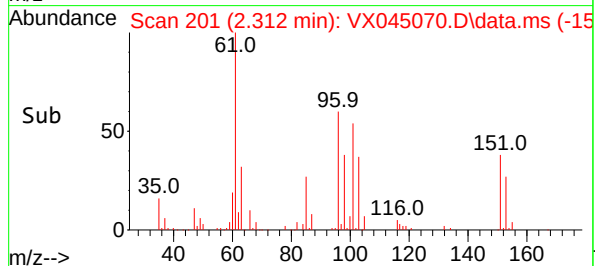
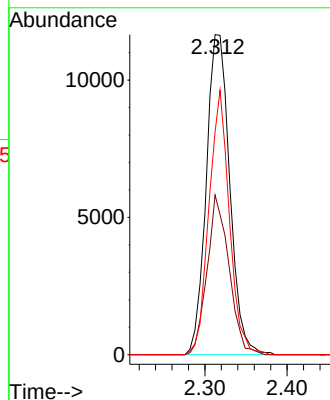
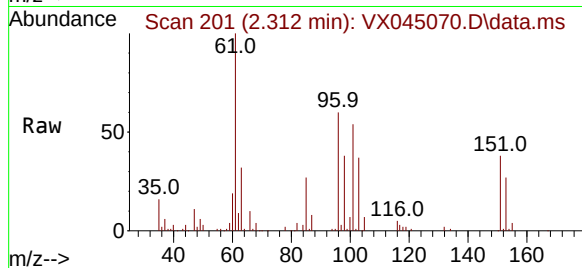
Tgt Ion:	101	Resp:	23154
Ion	Ratio	Lower	Upper
101	100		
85	46.5	36.2	54.4
151	71.8	56.4	84.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#10

Methyl Iodide

Concen: 18.867 ug/l

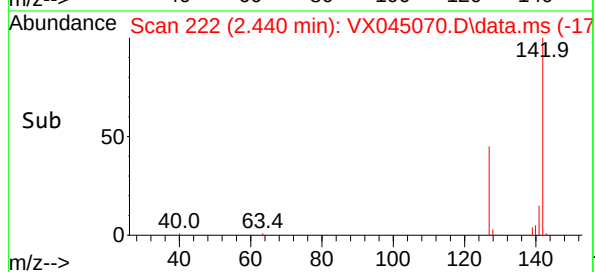
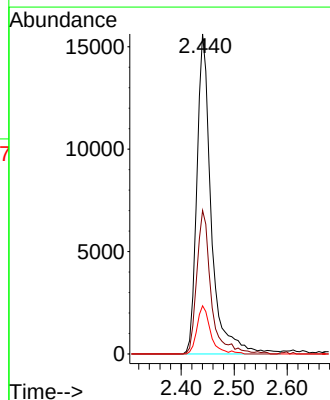
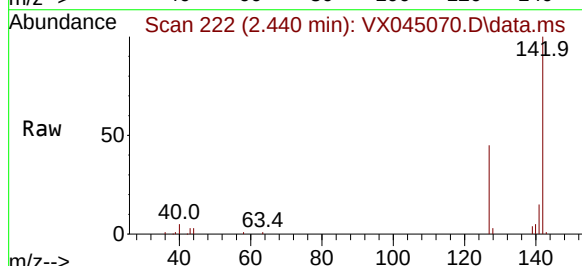
RT: 2.440 min Scan# 222

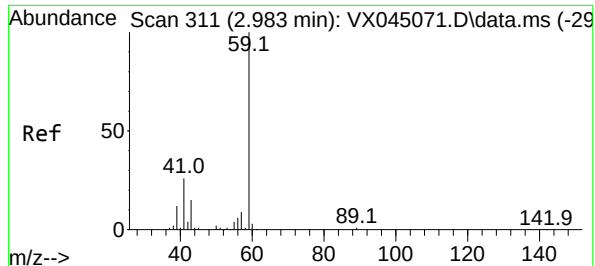
Delta R.T. -0.000 min

Lab File: VX045070.D

Acq: 28 Feb 2025 02:37

Tgt Ion:	142	Resp:	29500
Ion	Ratio	Lower	Upper
142	100		
127	44.2	35.4	53.2
141	14.3	11.6	17.4





#11

Tert butyl alcohol

Concen: 118.627 ug/l

RT: 2.983 min Scan# 311

Delta R.T. -0.000 min

Lab File: VX045070.D

Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 59 Resp: 31240

Ion Ratio Lower Upper

59 100

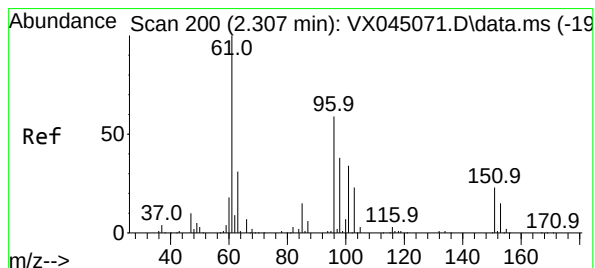
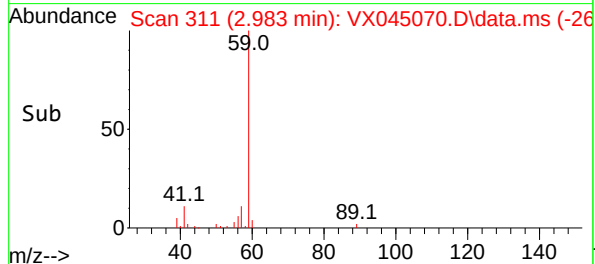
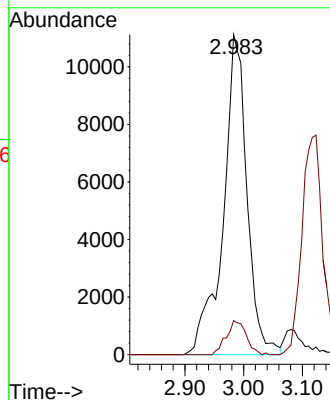
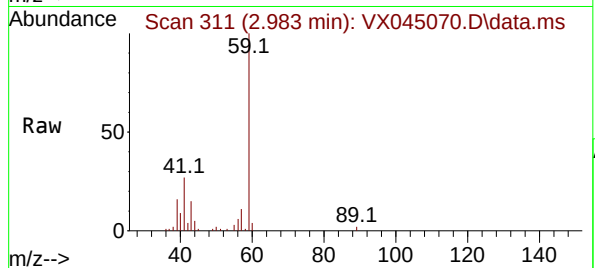
57 8.9 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#12

1,1-Dichloroethene

Concen: 19.014 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.000 min

Lab File: VX045070.D

Acq: 28 Feb 2025 02:37

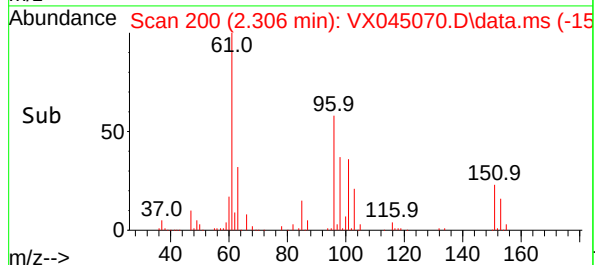
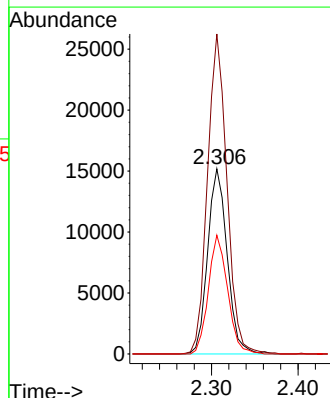
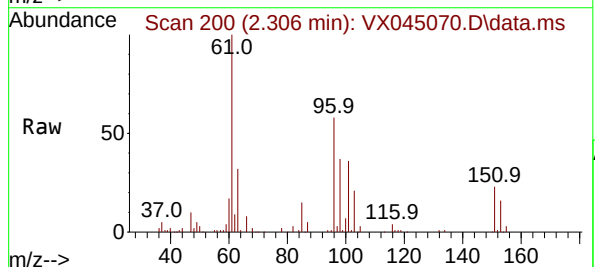
Tgt Ion: 96 Resp: 23810

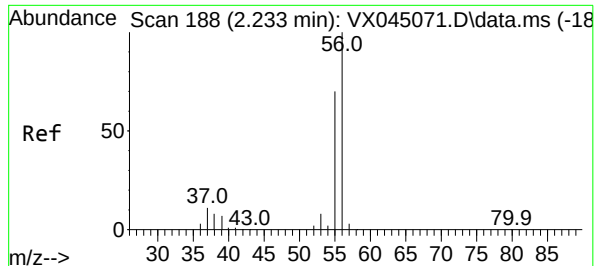
Ion Ratio Lower Upper

96 100

61 172.8 134.6 202.0

98 64.1 51.0 76.6





#13

Acrolein

Concen: 117.747 ug/l

RT: 2.239 min Scan# 188

Delta R.T. 0.006 min

Lab File: VX045070.D

Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 33580

Ion Ratio Lower Upper

56 100

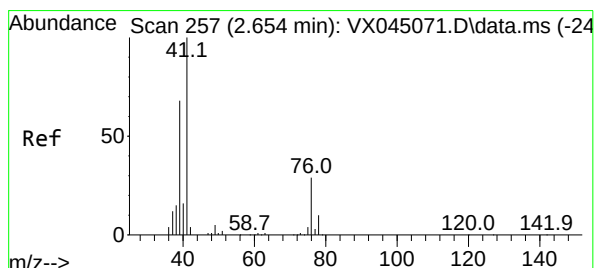
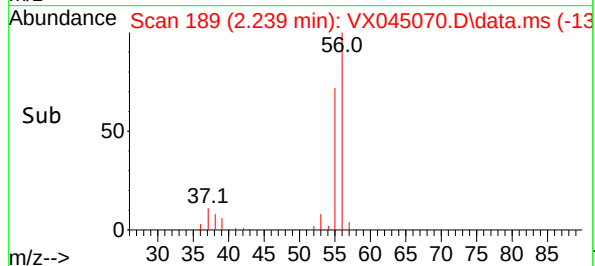
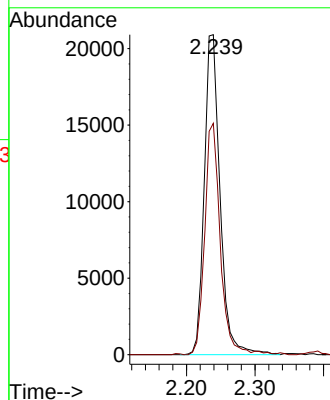
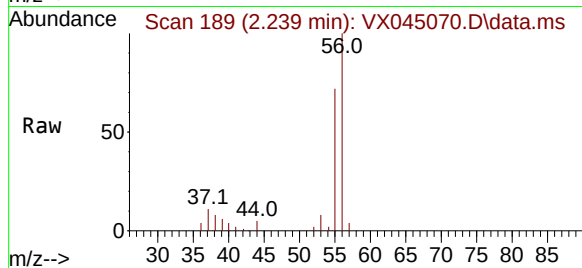
55 71.4 56.2 84.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#14

Allyl chloride

Concen: 19.096 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.000 min

Lab File: VX045070.D

Acq: 28 Feb 2025 02:37

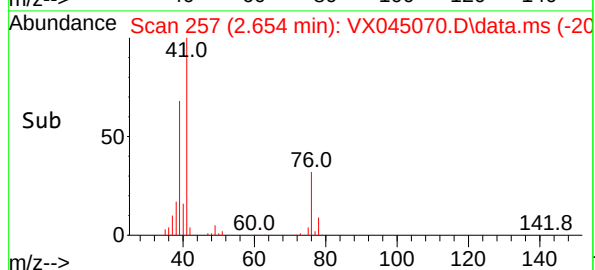
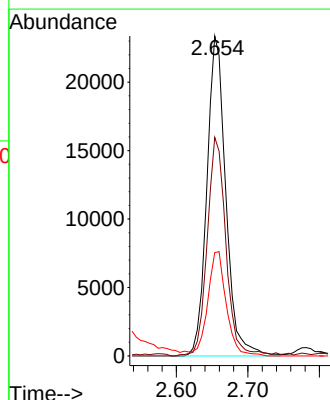
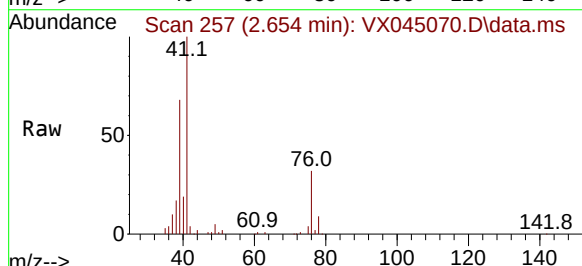
Tgt Ion: 41 Resp: 42993

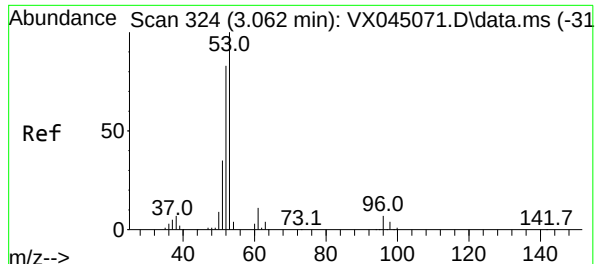
Ion Ratio Lower Upper

41 100

39 67.4 53.8 80.8

76 32.1 25.2 37.8





#15

Acrylonitrile

Concen: 117.598 ug/l

RT: 3.068 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX045070.D

Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

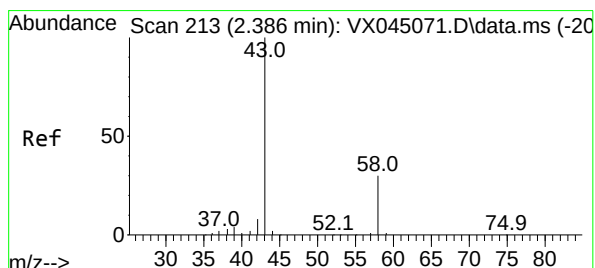
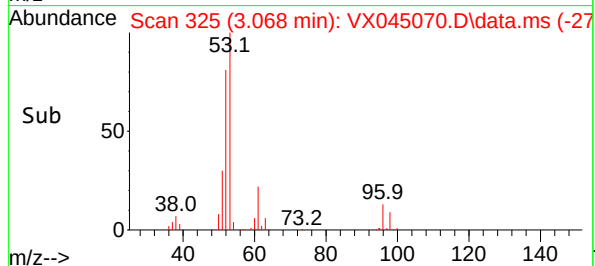
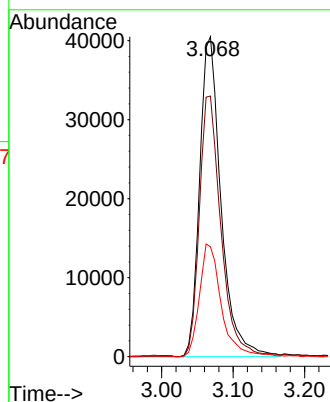
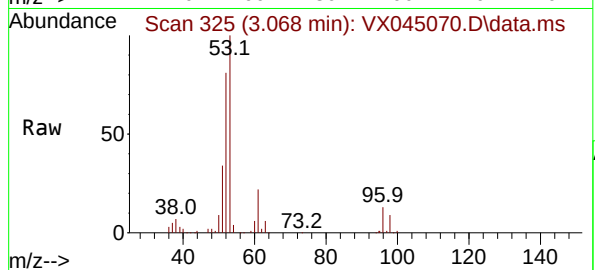
Tgt Ion:	53	Resp:	8418
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.2	99.2
51	36.0	29.0	43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#16

Acetone

Concen: 126.257 ug/l

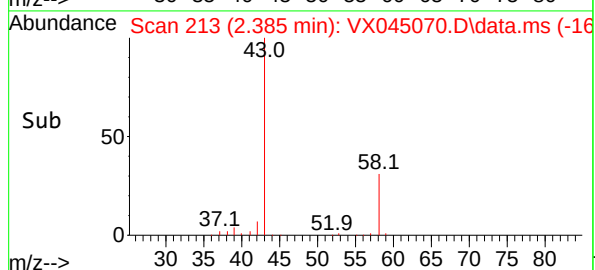
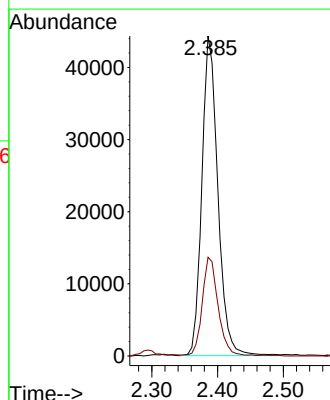
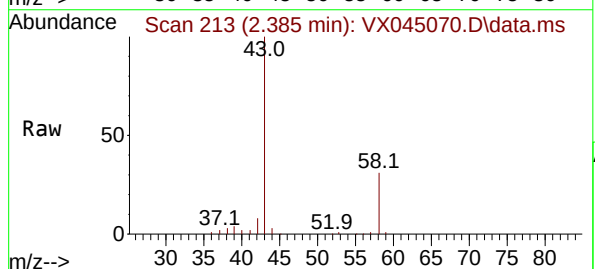
RT: 2.385 min Scan# 213

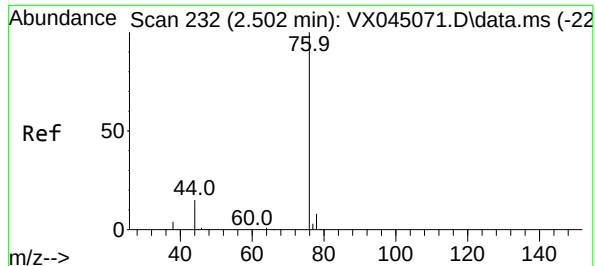
Delta R.T. -0.000 min

Lab File: VX045070.D

Acq: 28 Feb 2025 02:37

Tgt Ion:	43	Resp:	74701
Ion	Ratio	Lower	Upper
43	100		
58	30.7	24.2	36.4





#17

Carbon Disulfide

Concen: 18.139 ug/l

RT: 2.501 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX045070.D

Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 61802

Ion Ratio Lower Upper

76 100

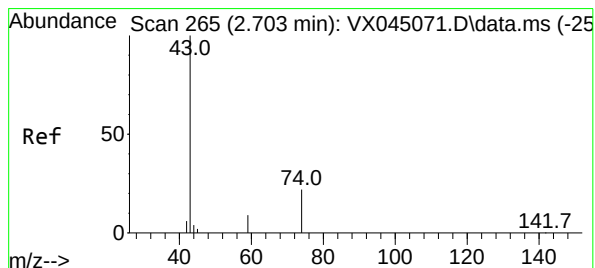
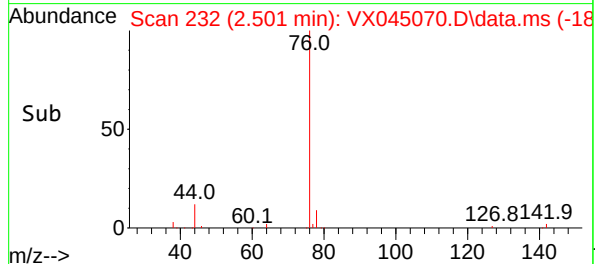
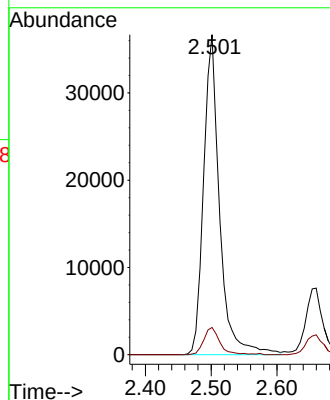
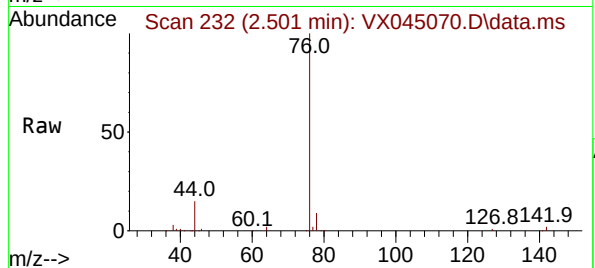
78 8.5 6.6 9.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#18

Methyl Acetate

Concen: 19.729 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.006 min

Lab File: VX045070.D

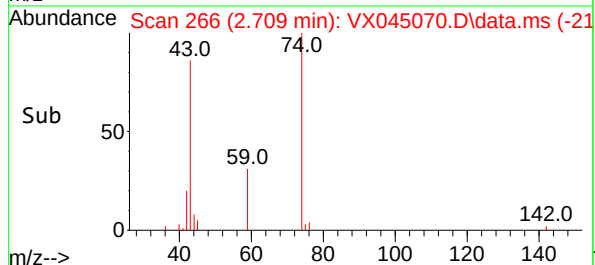
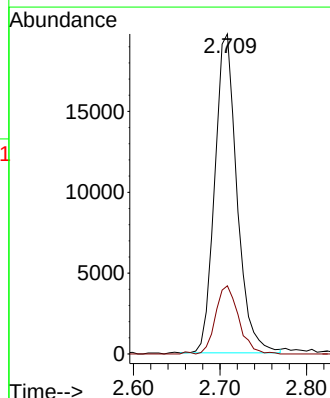
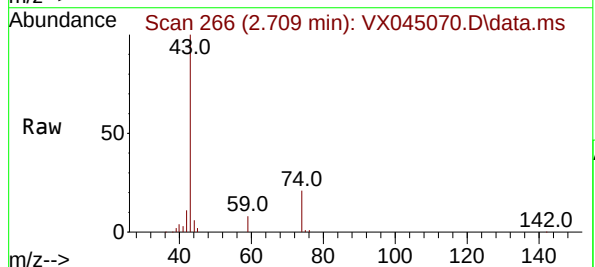
Acq: 28 Feb 2025 02:37

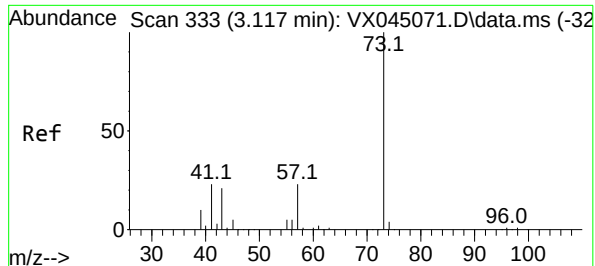
Tgt Ion: 43 Resp: 35157

Ion Ratio Lower Upper

43 100

74 22.2 17.4 26.2





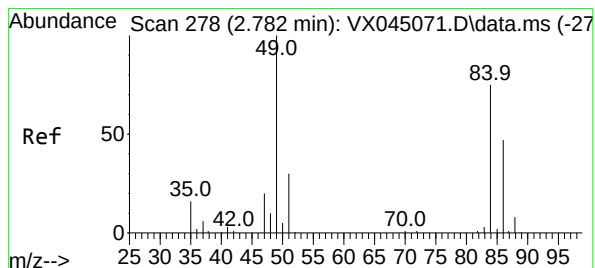
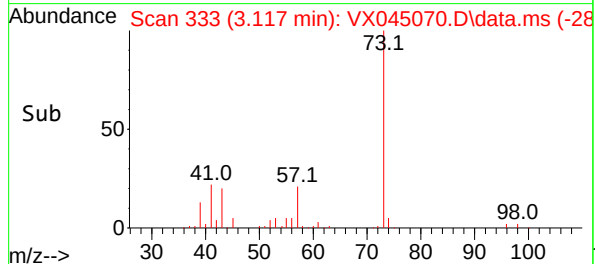
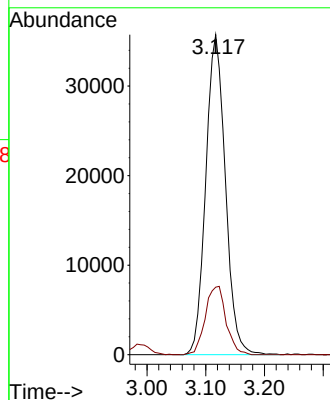
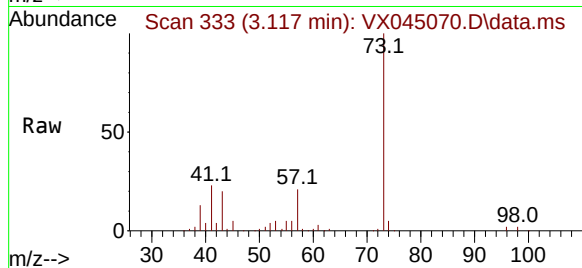
#19
Methyl tert-butyl Ether
Concen: 20.689 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 8283
Ion Ratio Lower Upper
73 100
57 21.1 18.5 27.7

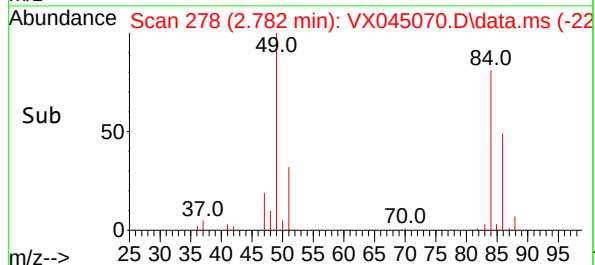
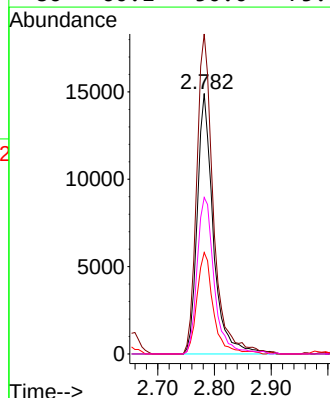
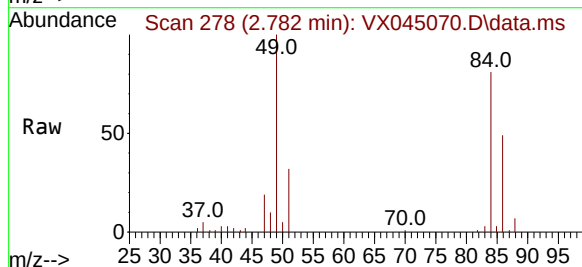
Manual Integrations
APPROVED

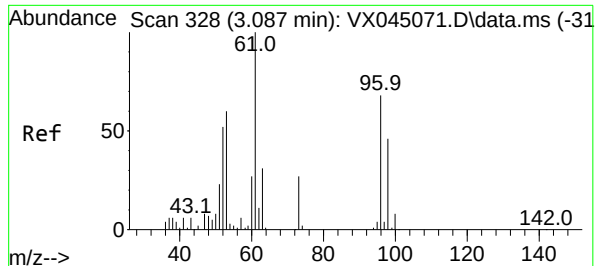
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#20
Methylene Chloride
Concen: 20.895 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 84 Resp: 29281
Ion Ratio Lower Upper
84 100
49 122.9 106.5 159.7
51 38.9 32.1 48.1
86 60.1 50.0 75.0





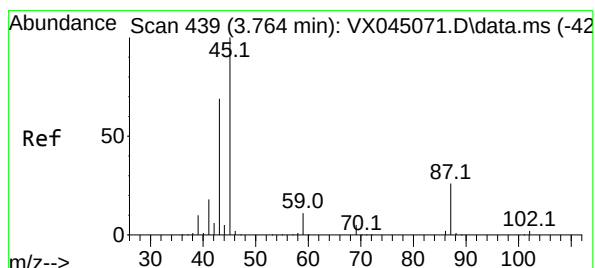
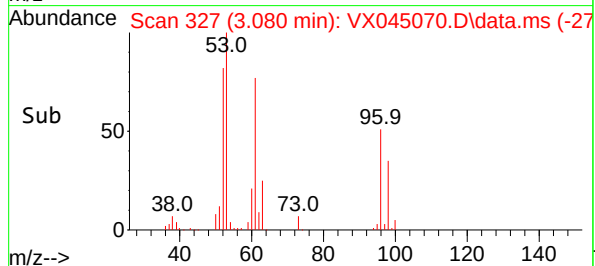
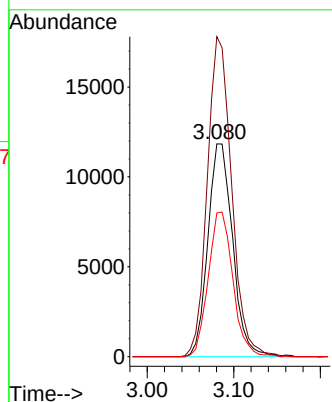
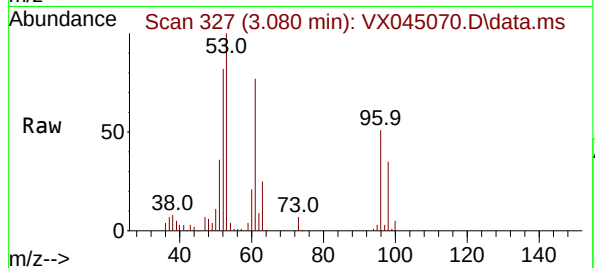
#21
trans-1,2-Dichloroethene
Concen: 19.057 ug/l
RT: 3.080 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 96 Resp: 2347
Ion Ratio Lower Upper
96 100
61 150.3 117.0 175.4
98 67.5 53.4 80.2

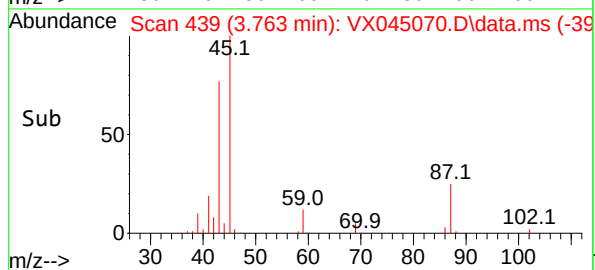
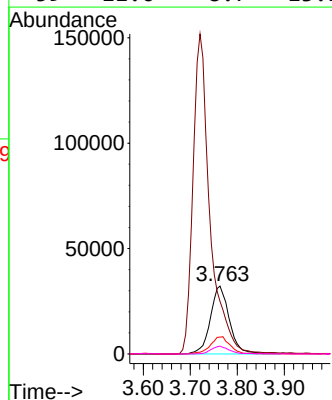
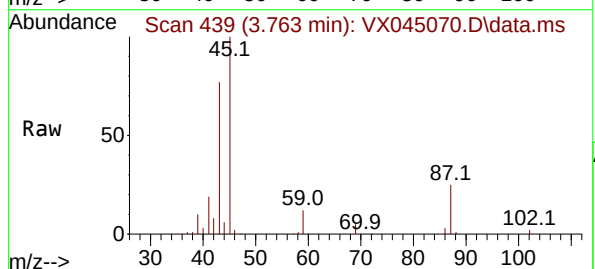
Manual Integrations
APPROVED

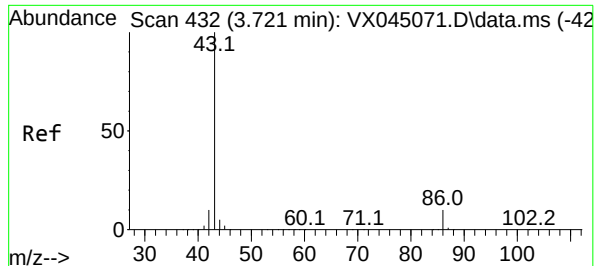
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#22
Diisopropyl ether
Concen: 20.995 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

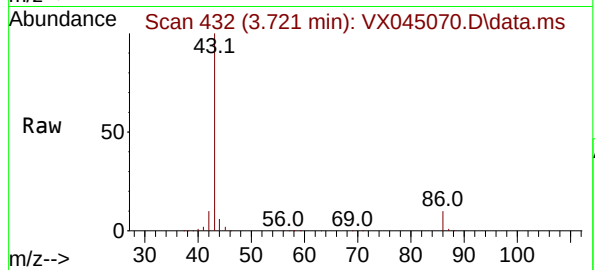
Tgt Ion: 45 Resp: 90378
Ion Ratio Lower Upper
45 100
43 76.4 54.9 82.3
87 24.7 21.0 31.4
59 11.6 8.7 13.1





#23
Vinyl Acetate
Concen: 108.038 ug/l
RT: 3.721 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

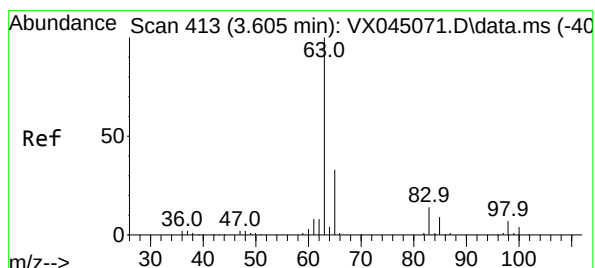
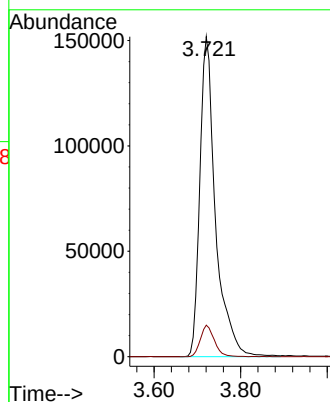
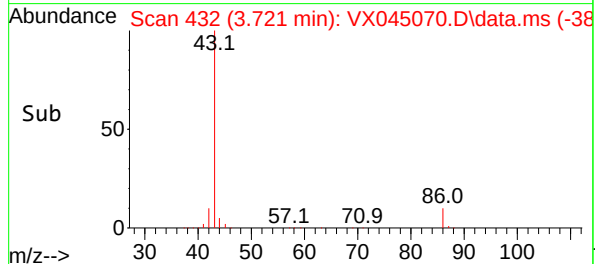
Instrument :
MSVOA_X
Client Sample Id :
VSTDICC020



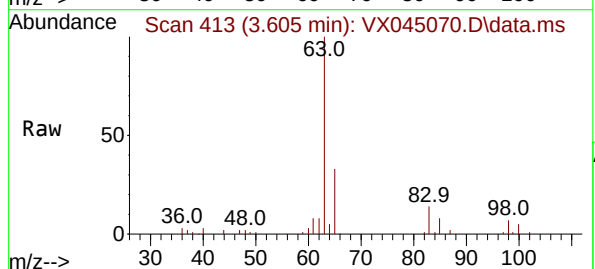
Tgt Ion: 43 Resp: 381808
Ion Ratio Lower Upper
43 100
86 9.9 8.1 12.1

Manual Integrations
APPROVED

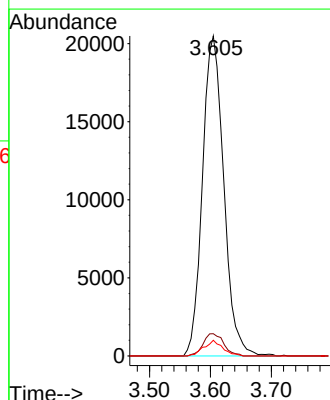
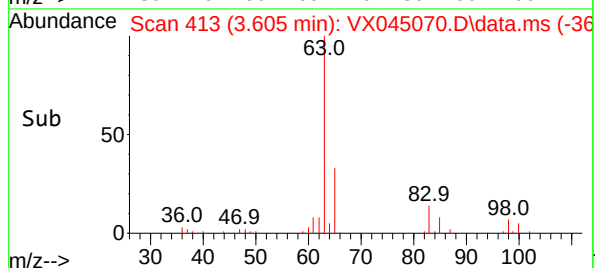
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

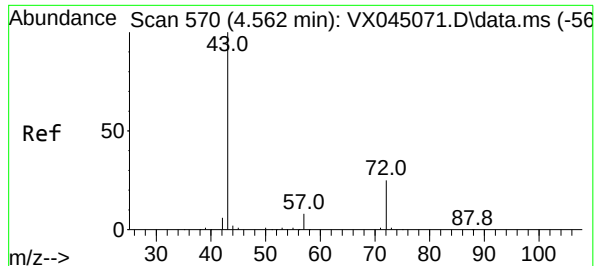


#24
1,1-Dichloroethane
Concen: 20.716 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37



Tgt Ion: 63 Resp: 49826
Ion Ratio Lower Upper
63 100
98 7.0 3.4 10.2
100 4.9 2.1 6.5





#25

2-Butanone

Concen: 124.449 ug/l

RT: 4.562 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX045070.D

Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 11871

Ion Ratio Lower Upper

43 100

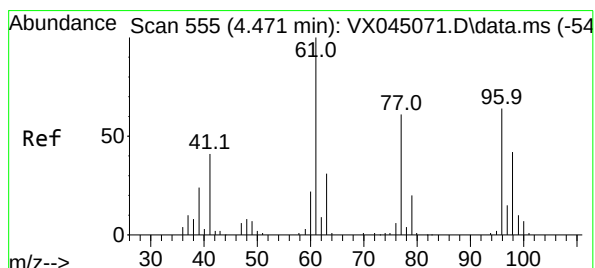
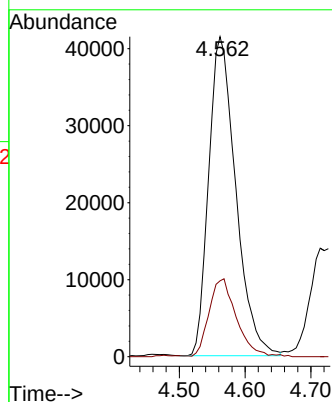
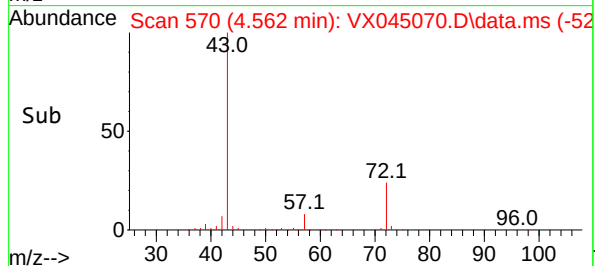
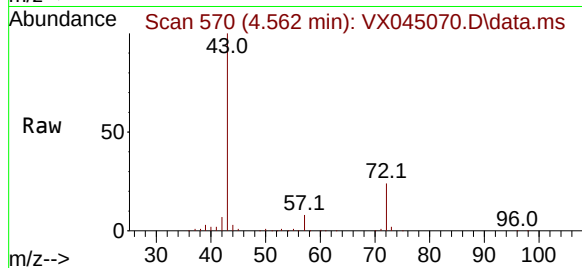
72 23.5 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#26

2,2-Dichloropropane

Concen: 12.799 ug/l

RT: 4.470 min Scan# 555

Delta R.T. -0.000 min

Lab File: VX045070.D

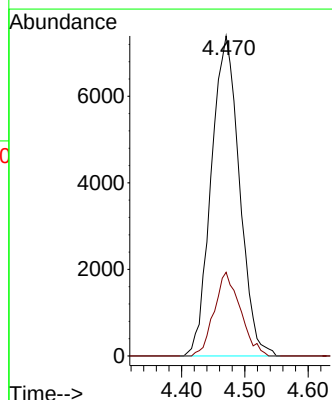
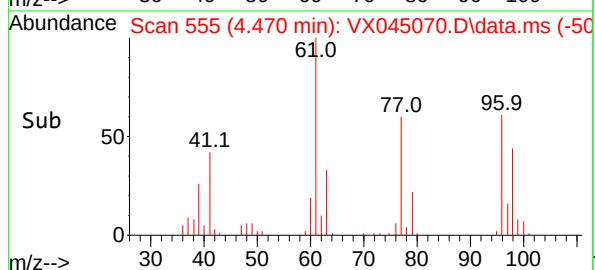
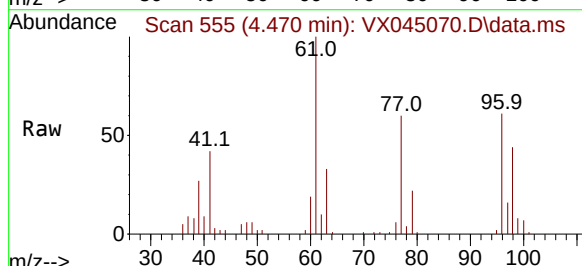
Acq: 28 Feb 2025 02:37

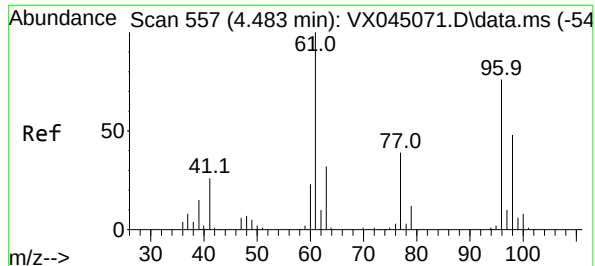
Tgt Ion: 77 Resp: 22886

Ion Ratio Lower Upper

77 100

97 24.2 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 20.065 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX045070.D

Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 96 Resp: 2978

Ion Ratio Lower Upper

96 100

61 142.7 0.0 283.2

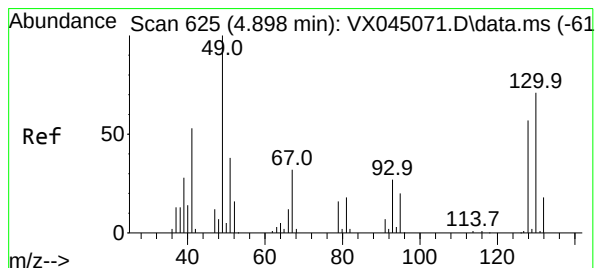
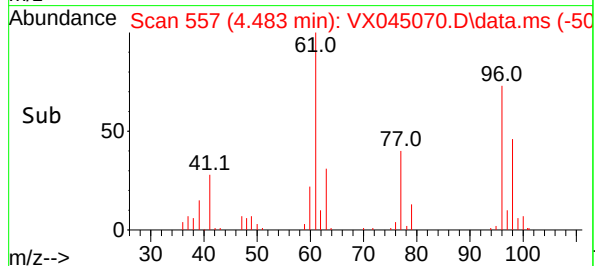
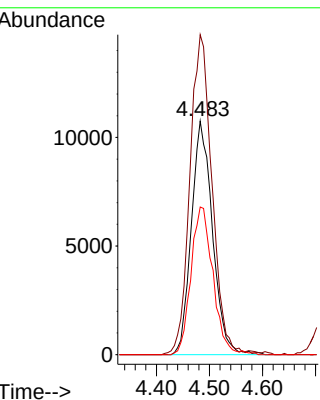
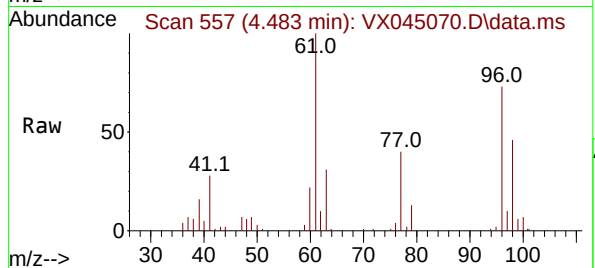
98 65.6 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#28

Bromochloromethane

Concen: 20.579 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX045070.D

Acq: 28 Feb 2025 02:37

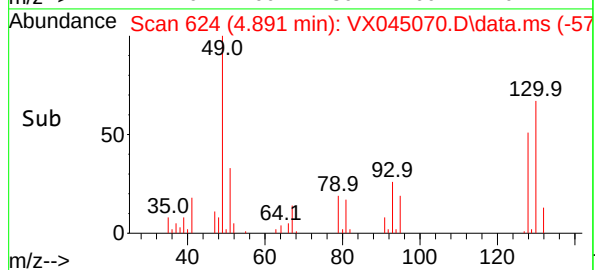
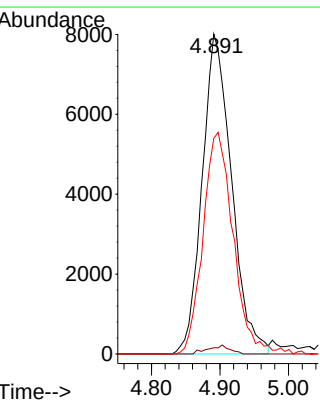
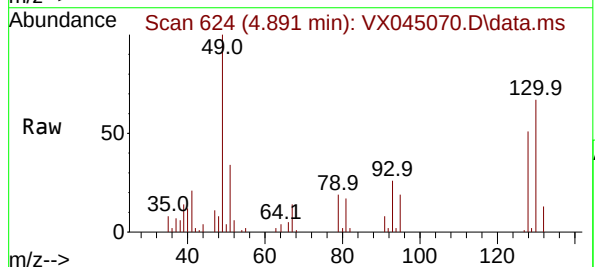
Tgt Ion: 49 Resp: 23869

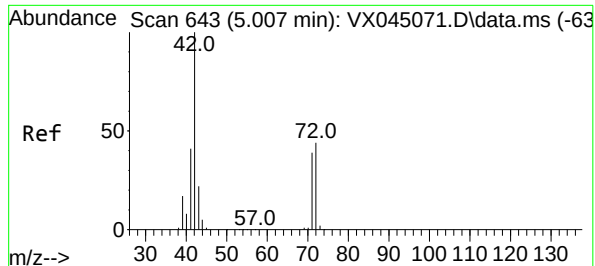
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.4

130 70.6 56.1 84.1





#29

Tetrahydrofuran

Concen: 122.519 ug/l

RT: 5.007 min Scan# 643

Delta R.T. -0.000 min

Lab File: VX045070.D

Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 42 Resp: 7743

Ion Ratio Lower Upper

42 100

72 41.0 34.1 51.1

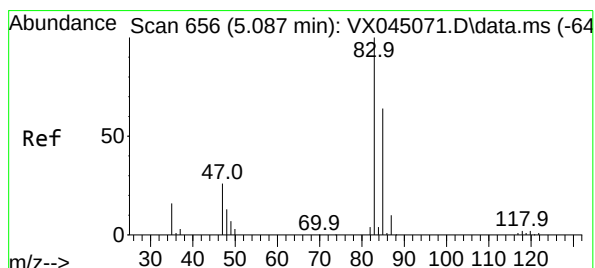
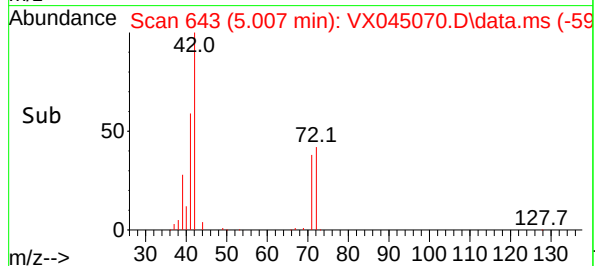
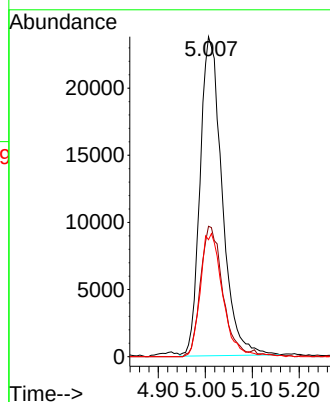
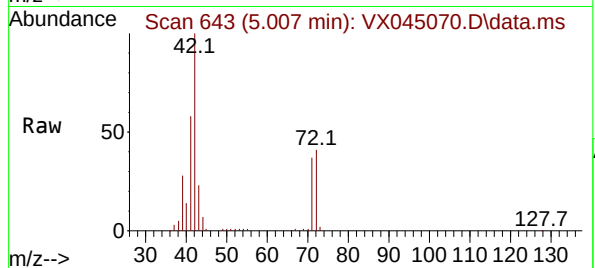
71 39.0 31.4 47.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#30

Chloroform

Concen: 21.147 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.000 min

Lab File: VX045070.D

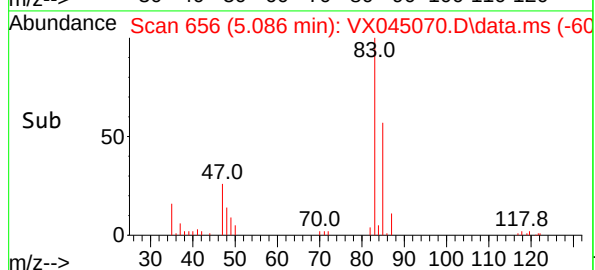
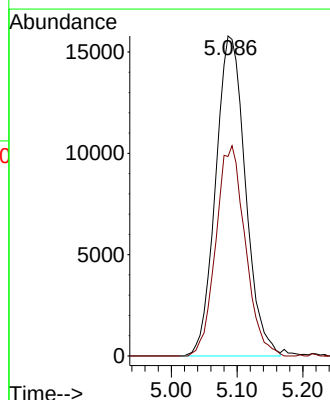
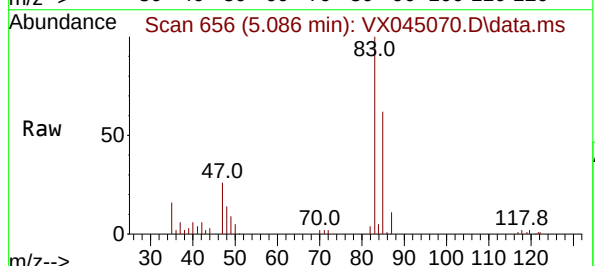
Acq: 28 Feb 2025 02:37

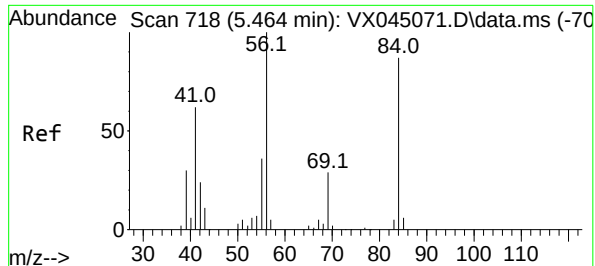
Tgt Ion: 83 Resp: 49751

Ion Ratio Lower Upper

83 100

85 62.3 51.4 77.2





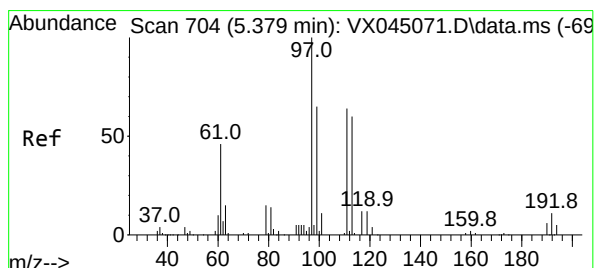
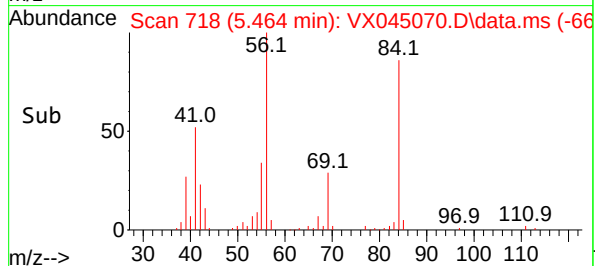
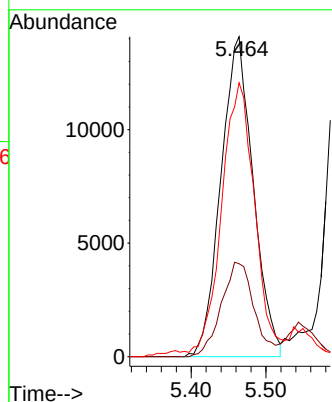
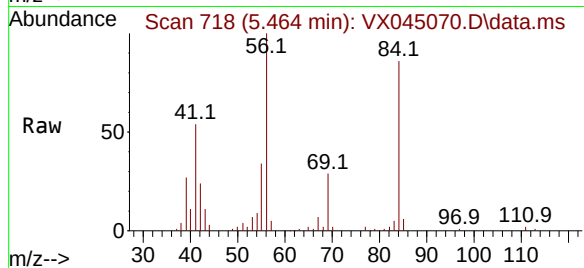
#31
Cyclohexane
Concen: 19.181 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 56 Resp: 42340
Ion Ratio Lower Upper
56 100
69 29.0 23.4 35.2
84 84.2 69.4 104.2

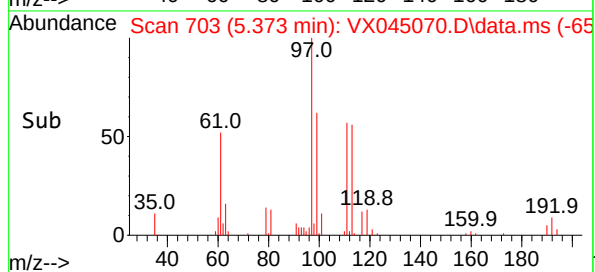
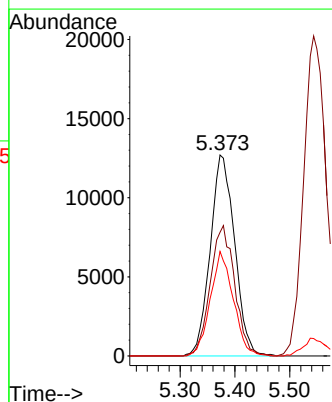
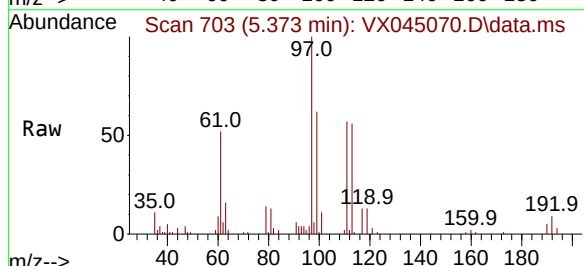
Manual Integrations
APPROVED

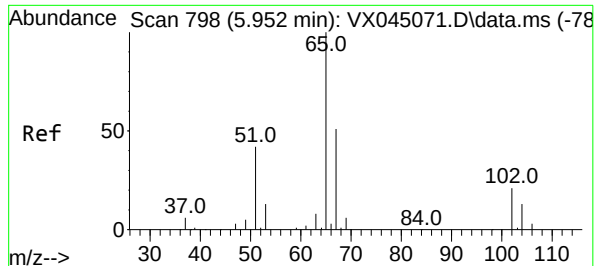
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#32
1,1,1-Trichloroethane
Concen: 19.831 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 97 Resp: 39276
Ion Ratio Lower Upper
97 100
99 65.2 51.6 77.4
61 48.9 38.4 57.6





#33

1,2-Dichloroethane-d4

Concen: 21.221 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX045070.D

Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 30514

Ion Ratio Lower Upper

65 100

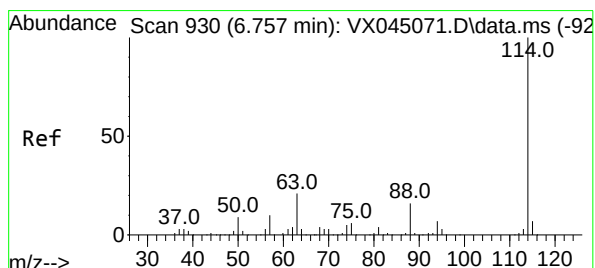
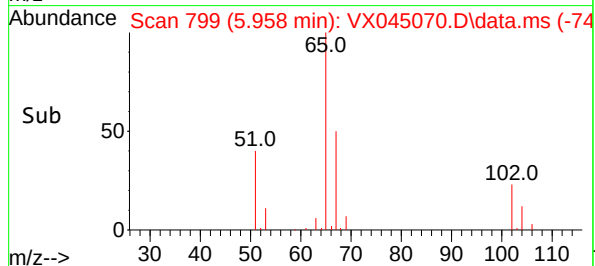
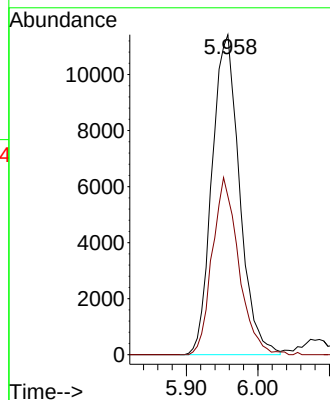
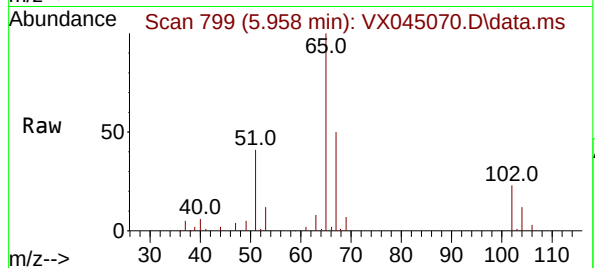
67 53.2 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045070.D

Acq: 28 Feb 2025 02:37

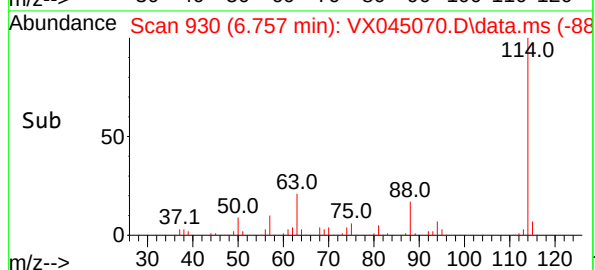
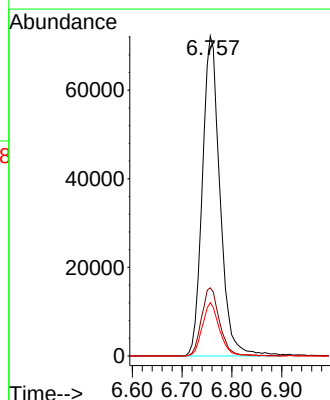
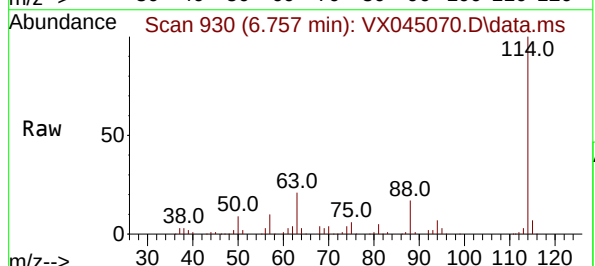
Tgt Ion:114 Resp: 177403

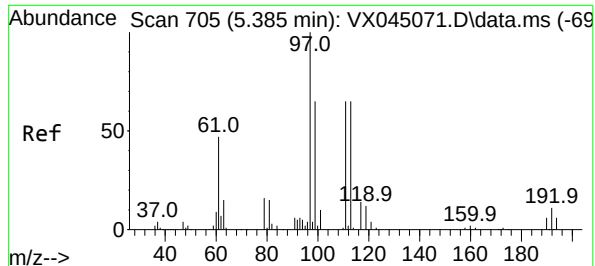
Ion Ratio Lower Upper

114 100

63 21.3 0.0 41.8

88 16.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 20.473 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX045070.D

Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:113 Resp: 23739

Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.6

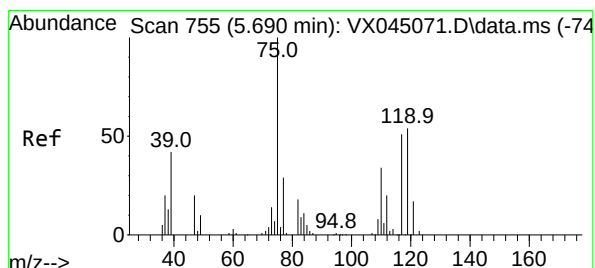
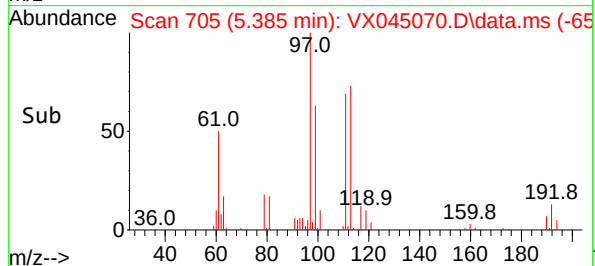
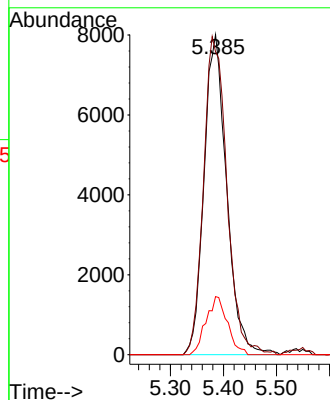
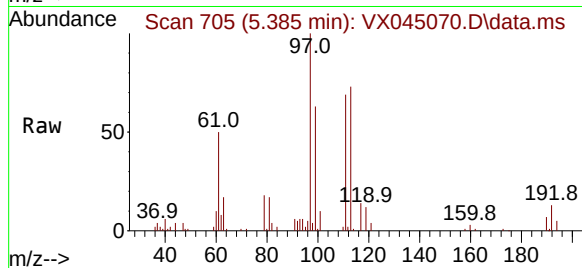
192 17.2 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#36

1,1-Dichloropropene

Concen: 18.903 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.006 min

Lab File: VX045070.D

Acq: 28 Feb 2025 02:37

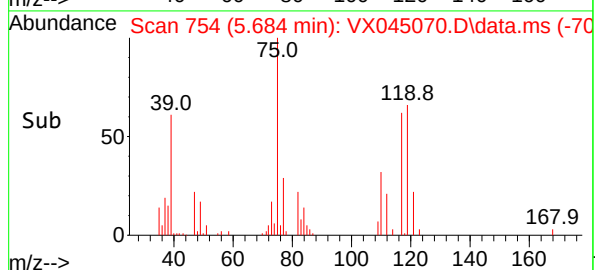
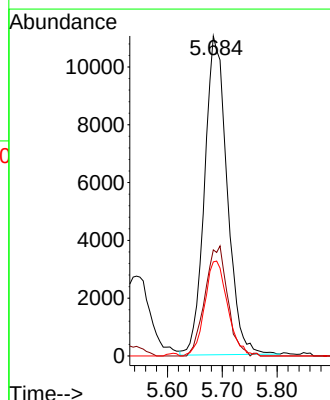
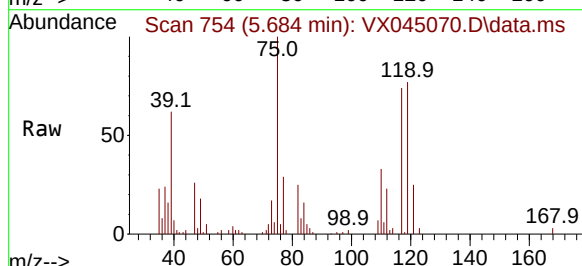
Tgt Ion: 75 Resp: 31519

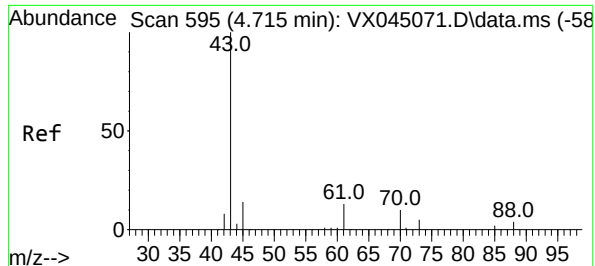
Ion Ratio Lower Upper

75 100

110 34.4 16.9 50.6

77 30.3 24.5 36.7





#37

Ethyl Acetate

Concen: 22.714 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX045070.D

Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

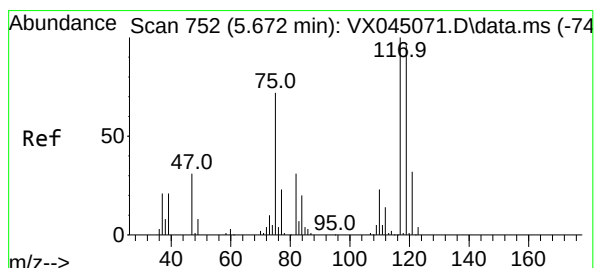
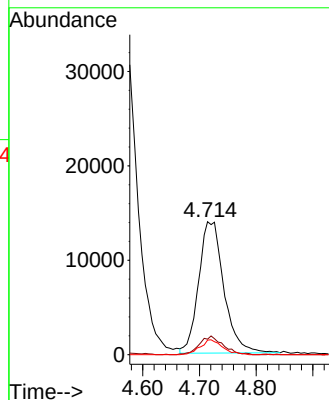
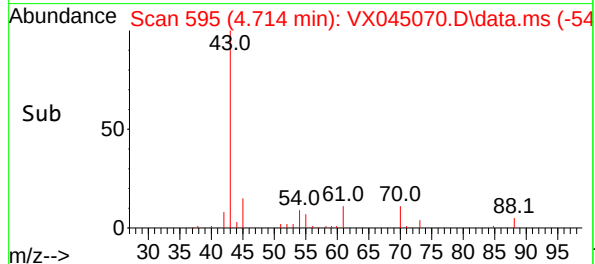
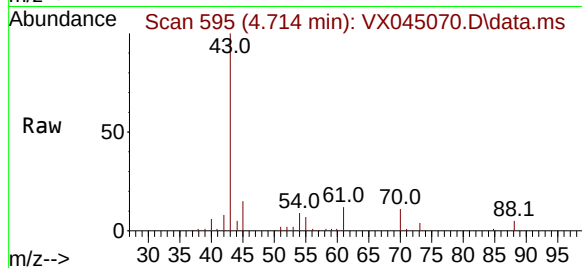
Tgt Ion:	43	Resp:	4309
Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.8	16.2
70	10.1	7.7	11.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#38

Carbon Tetrachloride

Concen: 19.334 ug/l

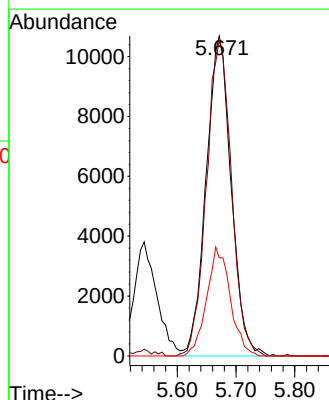
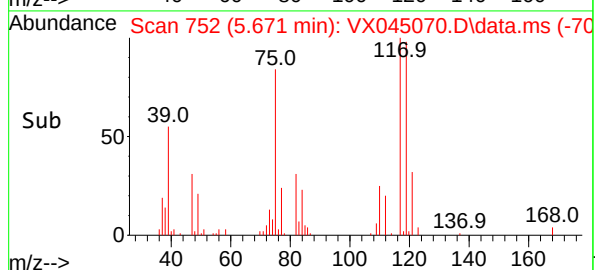
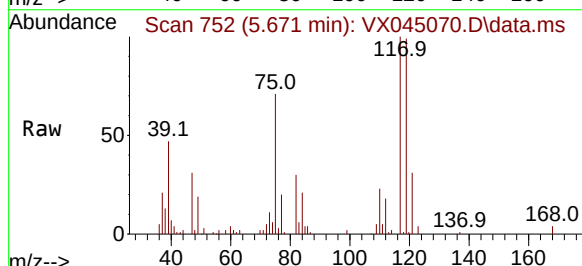
RT: 5.671 min Scan# 752

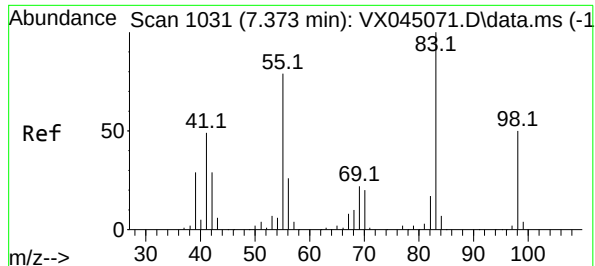
Delta R.T. -0.000 min

Lab File: VX045070.D

Acq: 28 Feb 2025 02:37

Tgt Ion:	117	Resp:	31694
Ion	Ratio	Lower	Upper
117	100		
119	98.7	76.7	115.1
121	30.7	25.5	38.3





#39

Methylcyclohexane

Concen: 18.676 ug/l

RT: 7.372 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX045070.D

Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 83 Resp: 39769

Ion Ratio Lower Upper

83 100

55 74.6 63.0 94.4

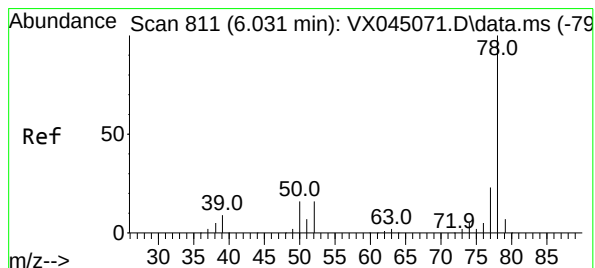
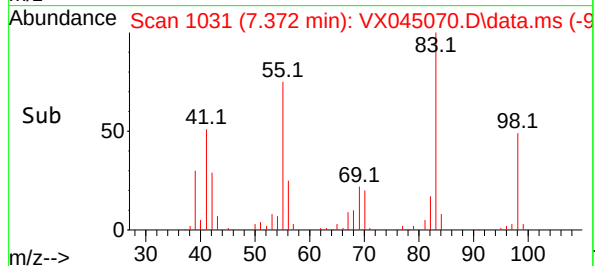
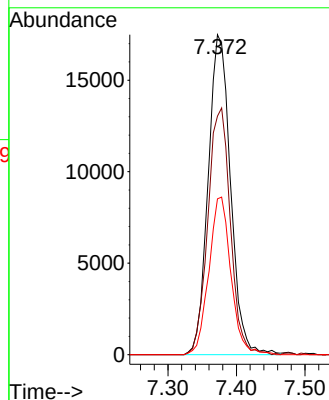
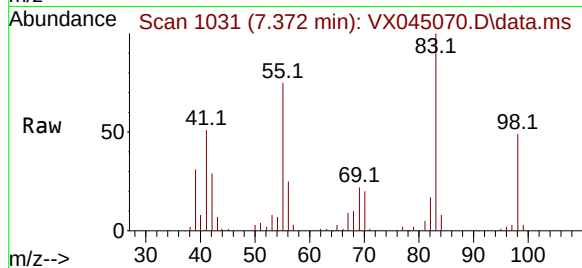
98 48.7 39.7 59.5

Manual Integrations

APPROVED

Reviewed By :John Carbone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#40

Benzene

Concen: 20.298 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.000 min

Lab File: VX045070.D

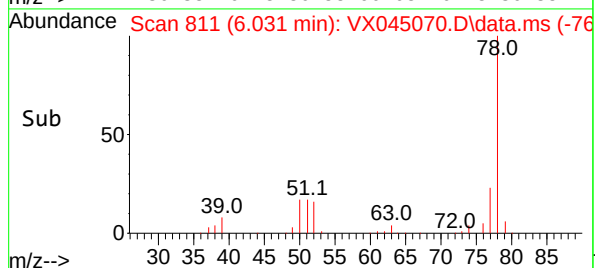
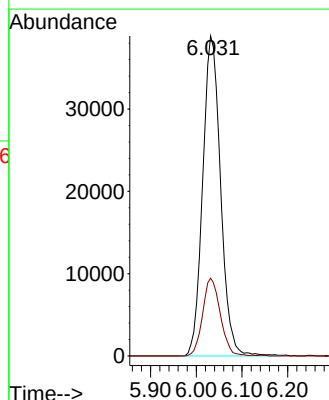
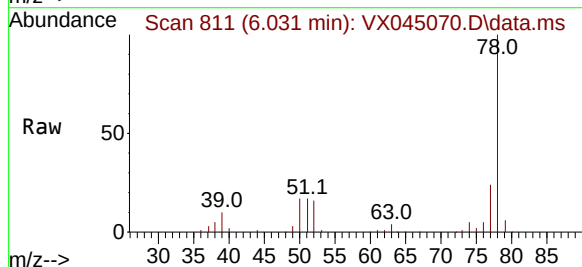
Acq: 28 Feb 2025 02:37

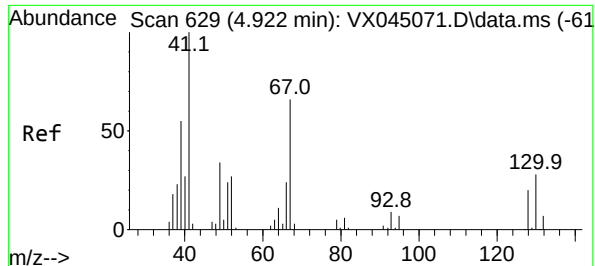
Tgt Ion: 78 Resp: 105787

Ion Ratio Lower Upper

78 100

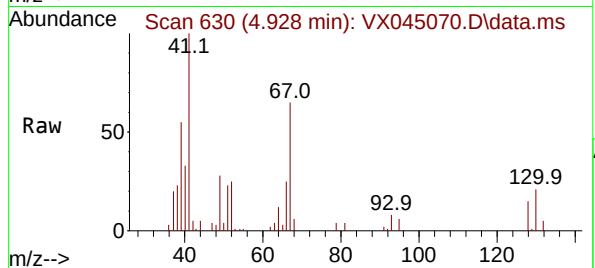
77 24.3 18.8 28.2





#41
Methacrylonitrile
Concen: 23.605 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

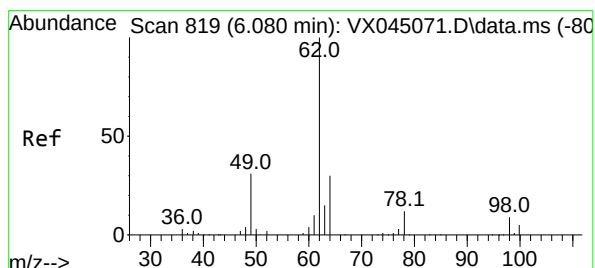
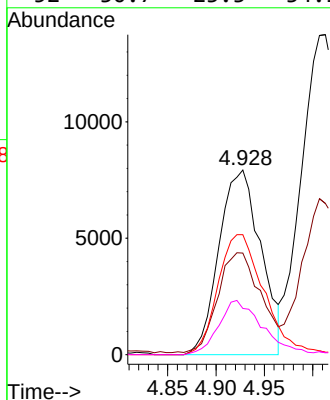
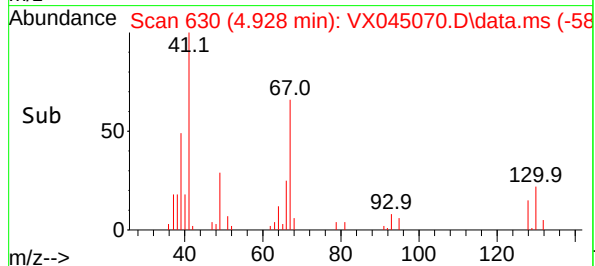
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 41 Resp: 23924
Ion Ratio Lower Upper
41 100
39 55.3 44.6 67.0
67 71.6 53.9 80.9
52 30.7 23.3 34.9

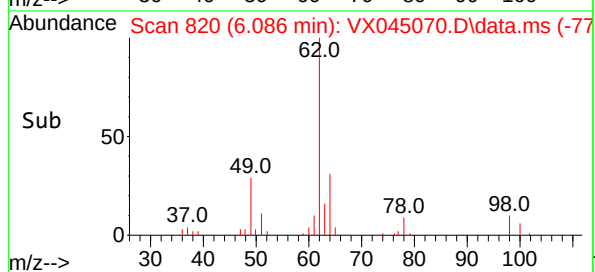
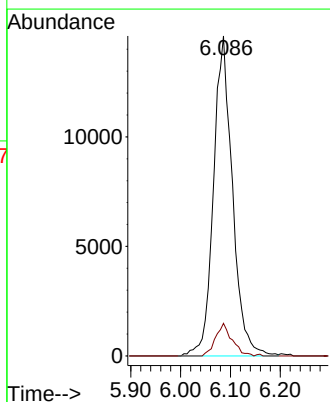
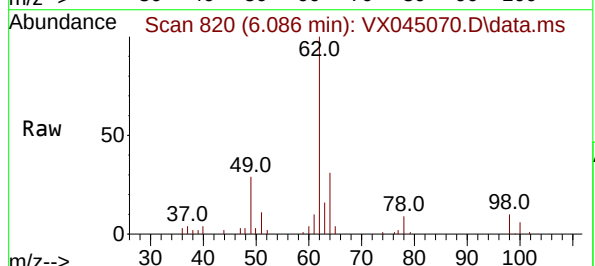
Manual Integrations
APPROVED

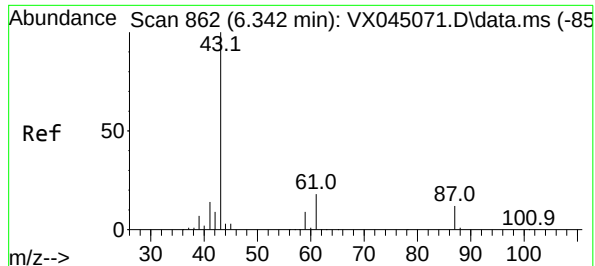
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#42
1,2-Dichloroethane
Concen: 22.886 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 62 Resp: 38653
Ion Ratio Lower Upper
62 100
98 8.8 0.0 18.2





#43

Isopropyl Acetate

Concen: 22.094 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.006 min

Lab File: VX045070.D

Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

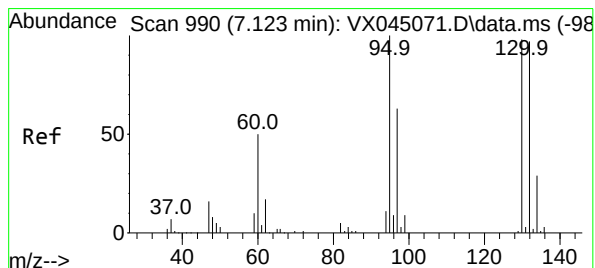
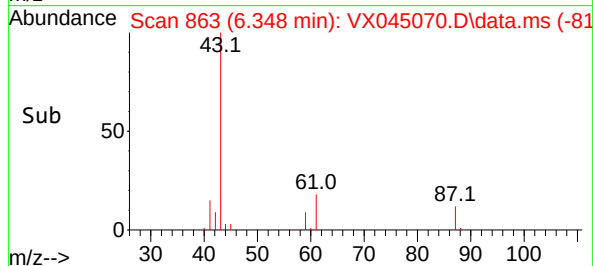
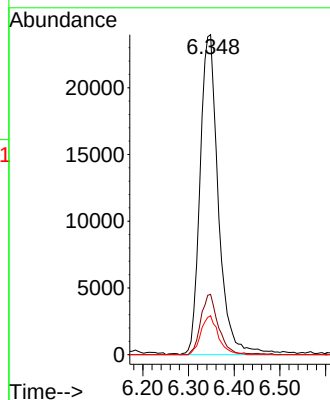
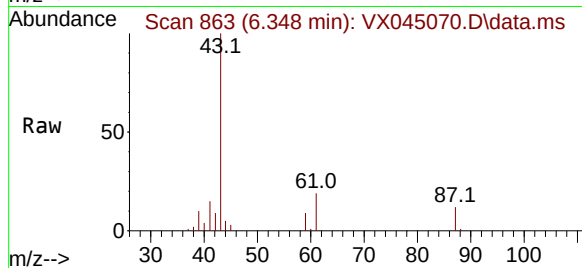
Tgt Ion:	43	Resp:	6672
Ion	Ratio	Lower	Upper
43	100		
61	17.8	14.9	22.3
87	11.5	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#44

Trichloroethene

Concen: 20.191 ug/l

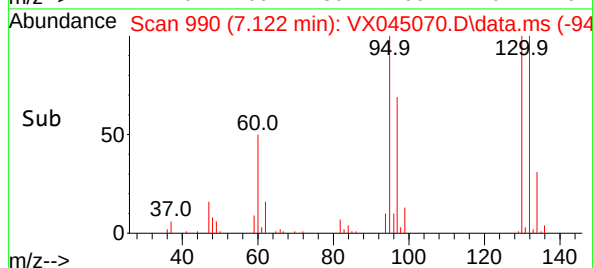
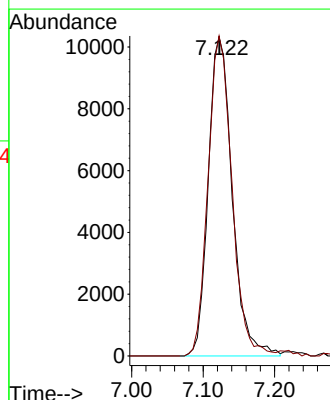
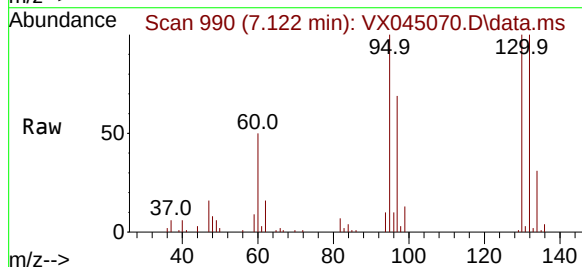
RT: 7.122 min Scan# 990

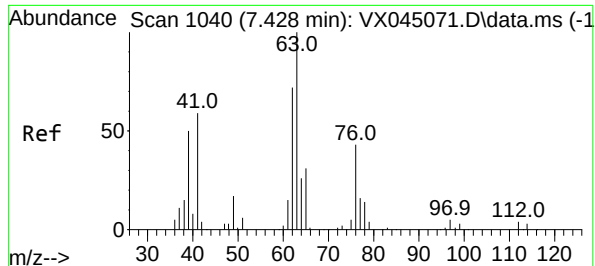
Delta R.T. -0.000 min

Lab File: VX045070.D

Acq: 28 Feb 2025 02:37

Tgt Ion:	130	Resp:	24052
Ion	Ratio	Lower	Upper
130	100		
95	100.3	0.0	205.0





#45

1,2-Dichloropropane

Concen: 20.945 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX045070.D

Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 27128

Ion Ratio Lower Upper

63 100

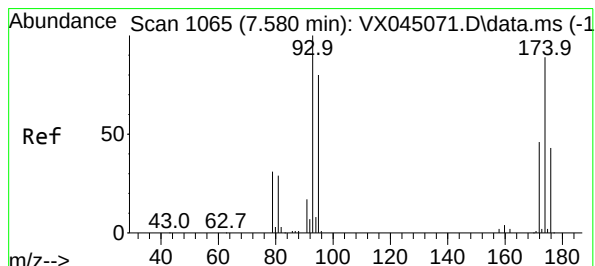
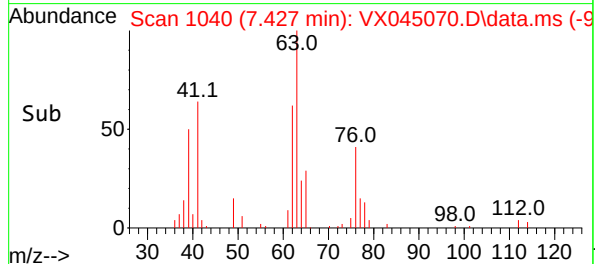
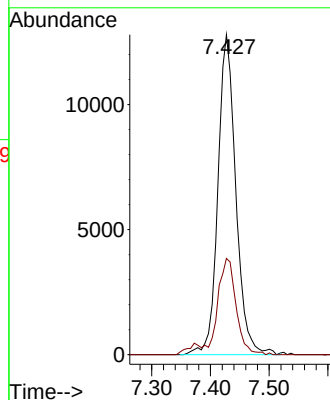
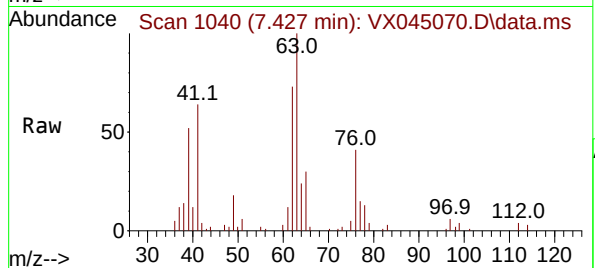
65 30.1 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#46

Dibromomethane

Concen: 21.357 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX045070.D

Acq: 28 Feb 2025 02:37

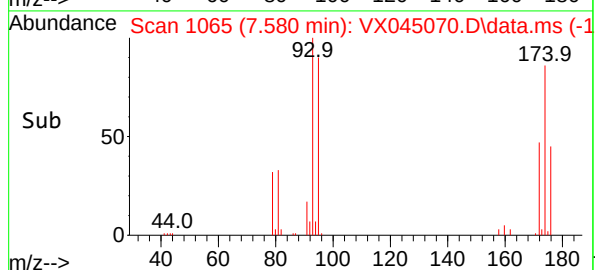
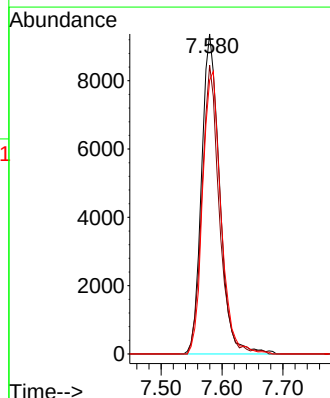
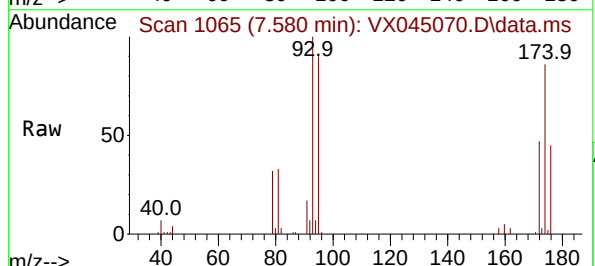
Tgt Ion: 93 Resp: 19323

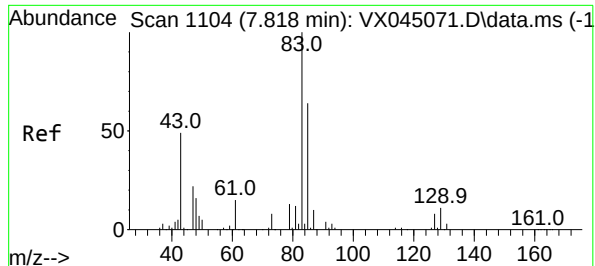
Ion Ratio Lower Upper

93 100

95 86.4 65.8 98.8

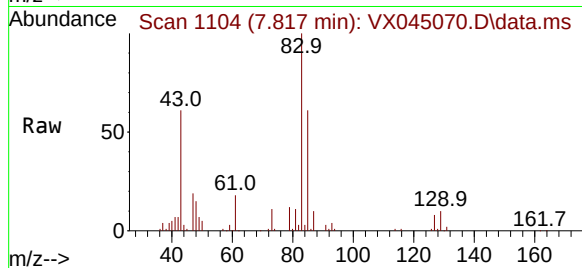
174 89.6 72.2 108.2





#47
Bromodichloromethane
Concen: 21.732 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

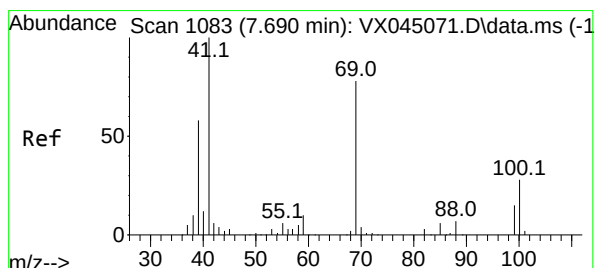
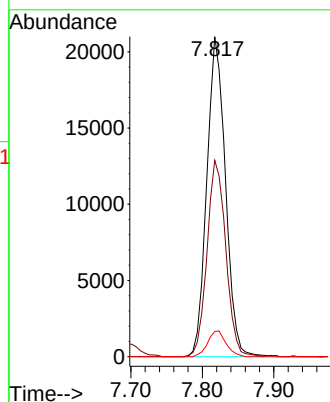
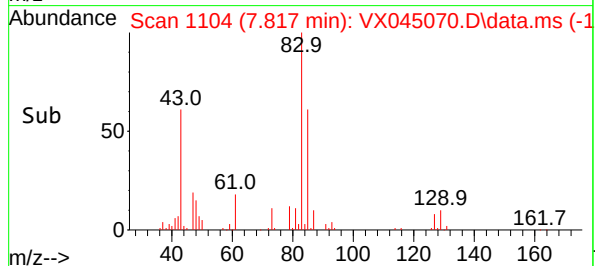
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 83 Resp: 3803
Ion Ratio Lower Upper
83 100
85 61.3 51.1 76.7
127 7.8 6.4 9.6

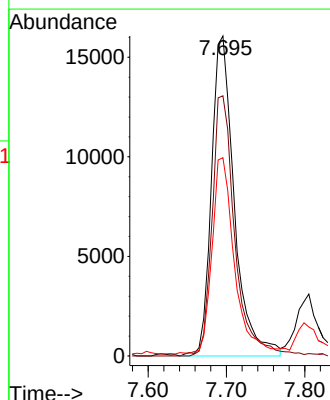
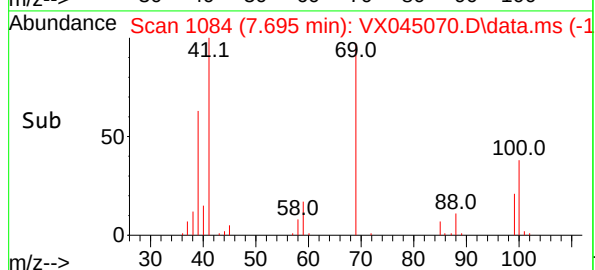
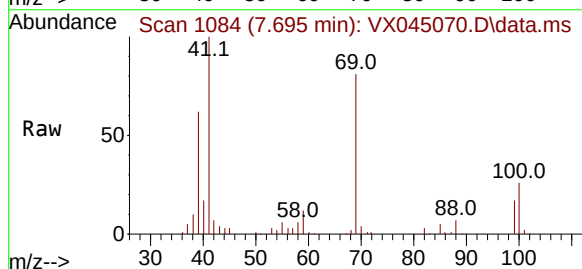
Manual Integrations
APPROVED

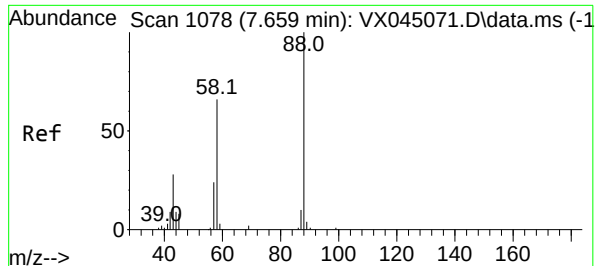
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#48
Methyl methacrylate
Concen: 22.757 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 41 Resp: 32627
Ion Ratio Lower Upper
41 100
69 81.2 63.0 94.6
39 59.8 47.5 71.3





#49

1,4-Dioxane

Concen: 479.170 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX045070.D

Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 88 Resp: 14602

Ion Ratio Lower Upper

88 100

43 38.7 28.7 43.1

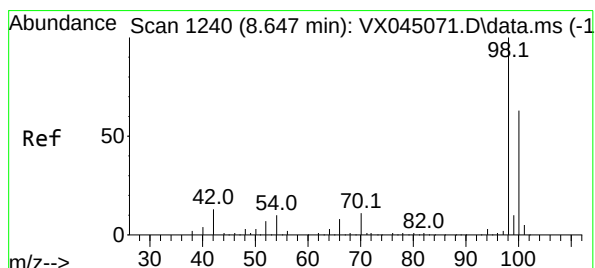
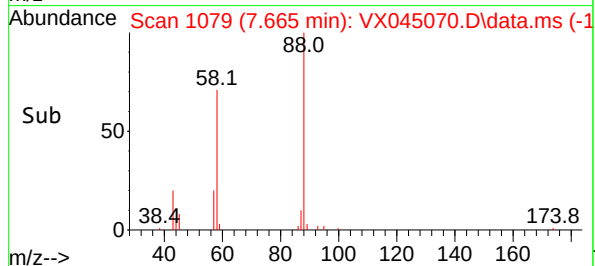
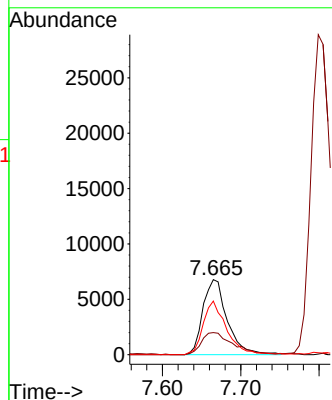
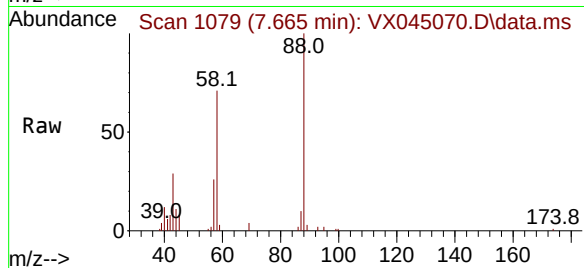
58 68.3 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#50

Toluene-d8

Concen: 19.469 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX045070.D

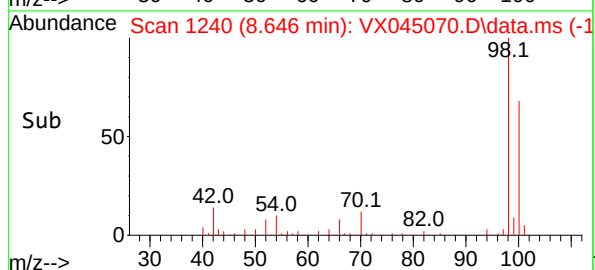
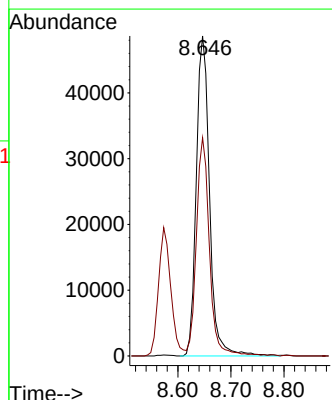
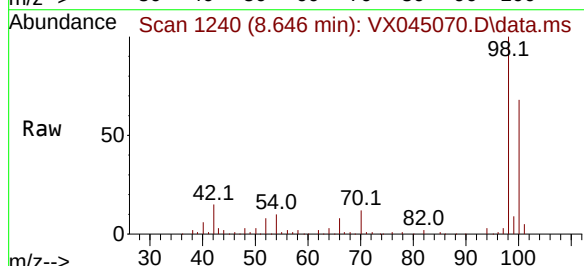
Acq: 28 Feb 2025 02:37

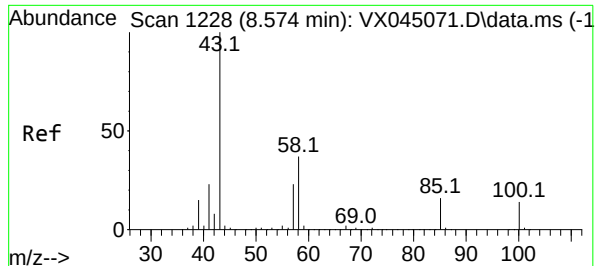
Tgt Ion: 98 Resp: 84516

Ion Ratio Lower Upper

98 100

100 67.2 52.0 78.0





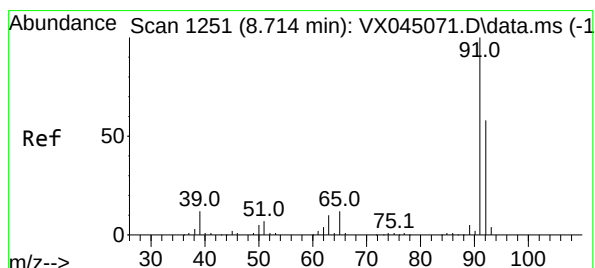
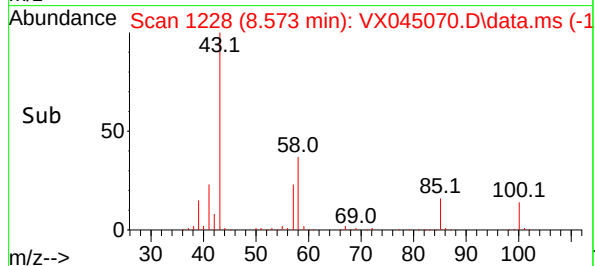
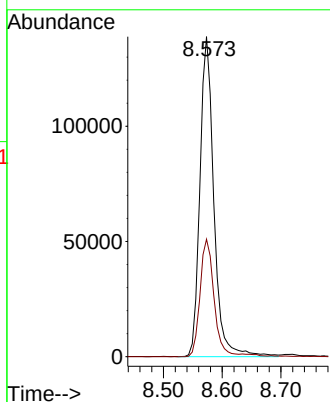
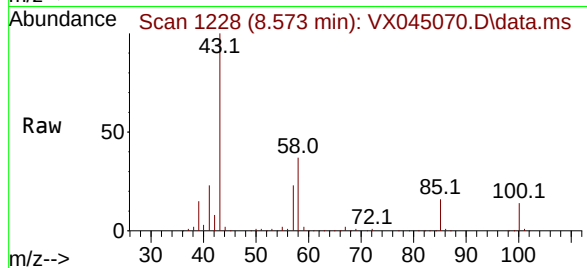
#51
4-Methyl-2-Pentanone
Concen: 124.081 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 229615
Ion Ratio Lower Upper
43 100
58 37.5 29.2 43.8

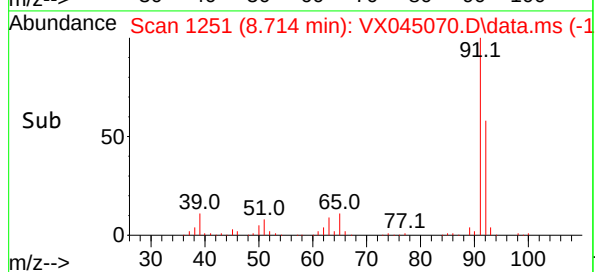
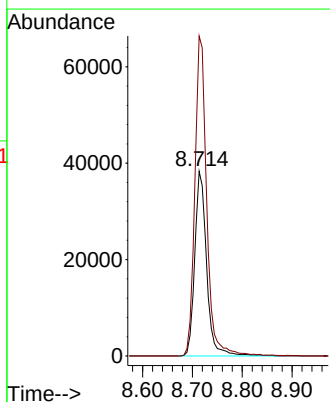
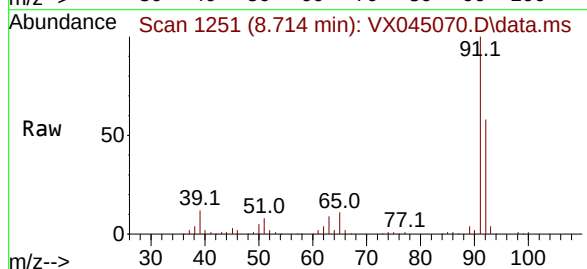
Manual Integrations
APPROVED

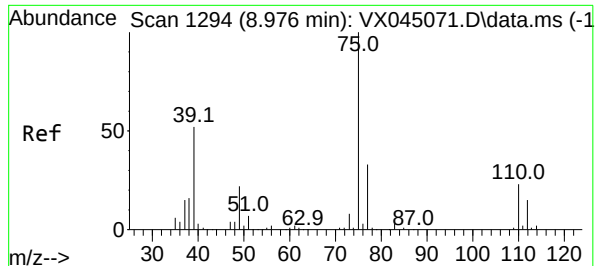
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#52
Toluene
Concen: 20.463 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

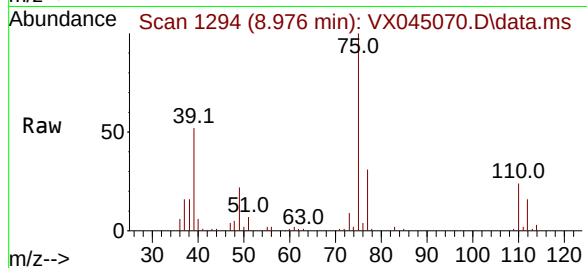
Tgt Ion: 92 Resp: 63326
Ion Ratio Lower Upper
92 100
91 173.7 138.9 208.3





#53
t-1,3-Dichloropropene
Concen: 17.871 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

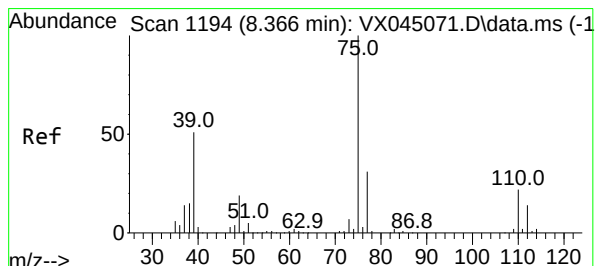
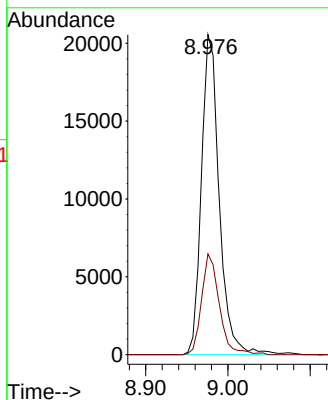
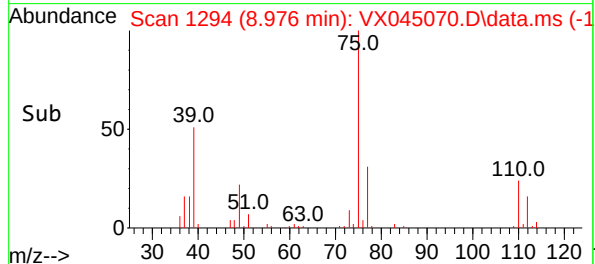
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 75 Resp: 3091
Ion Ratio Lower Upper
75 100
77 31.5 26.5 39.7

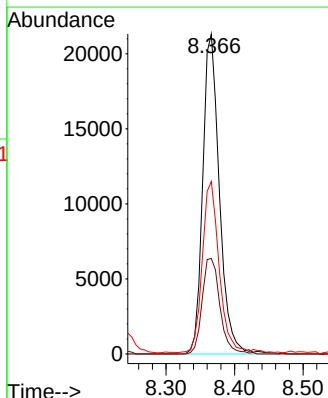
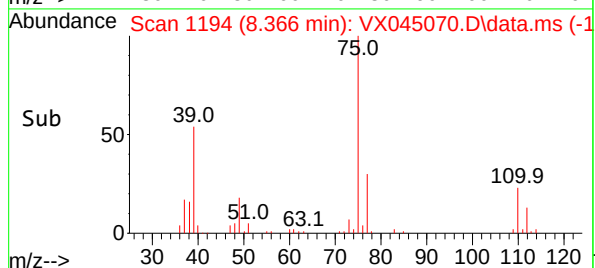
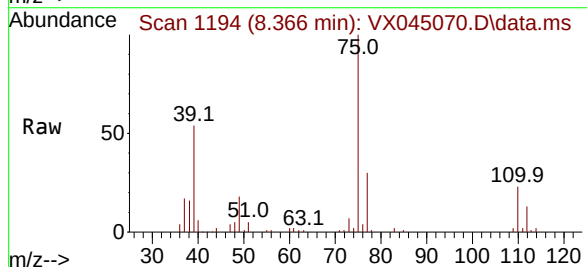
Manual Integrations
APPROVED

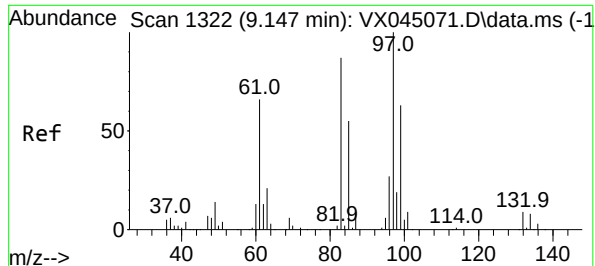
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#54
cis-1,3-Dichloropropene
Concen: 18.675 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 75 Resp: 36118
Ion Ratio Lower Upper
75 100
77 29.9 24.7 37.1
39 53.5 40.7 61.1





#55

1,1,2-Trichloroethane

Concen: 21.992 ug/l

RT: 9.152 min Scan# 1323

Delta R.T. 0.006 min

Lab File: VX045070.D

Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 2635

Ion Ratio Lower Upper

97 100

83 86.7 69.4 104.2

85 57.3 44.1 66.1

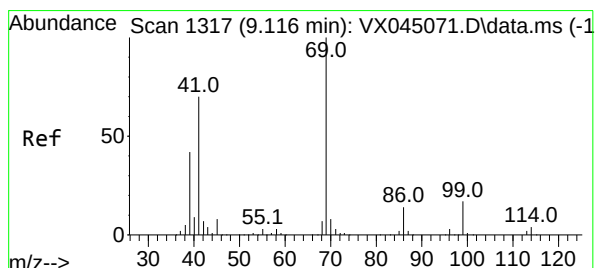
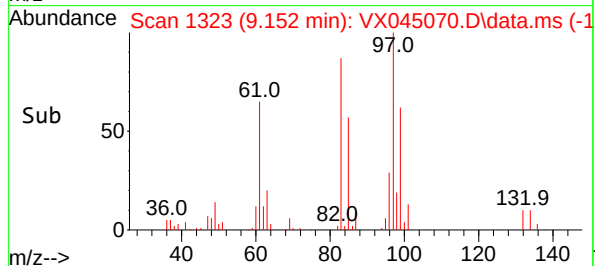
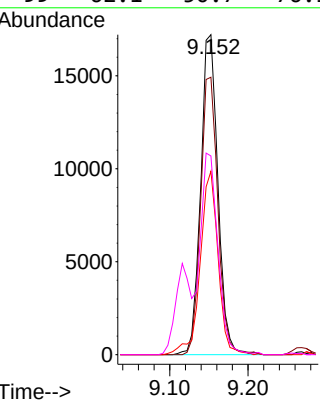
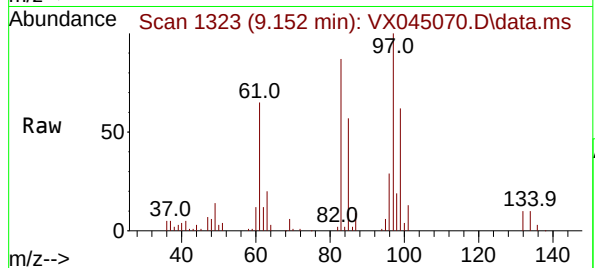
99 62.1 50.7 76.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#56

Ethyl methacrylate

Concen: 20.791 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX045070.D

Acq: 28 Feb 2025 02:37

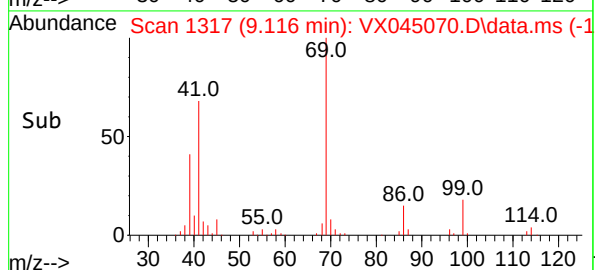
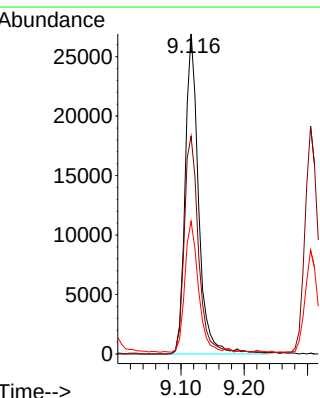
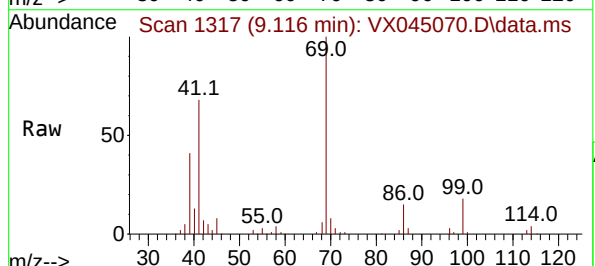
Tgt Ion: 69 Resp: 39850

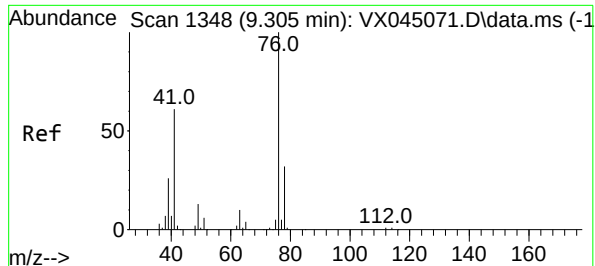
Ion Ratio Lower Upper

69 100

41 73.6 57.0 85.4

39 40.6 34.2 51.4





#57

1,3-Dichloropropane

Concen: 21.836 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. -0.000 min

Lab File: VX045070.D

Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 4564

Ion Ratio Lower Upper

76 100

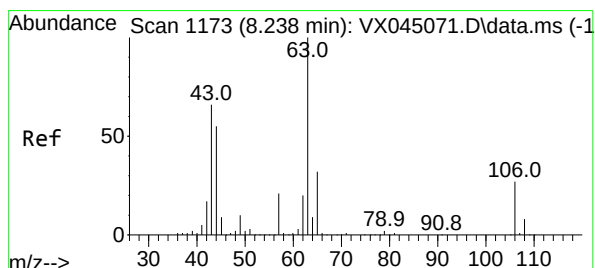
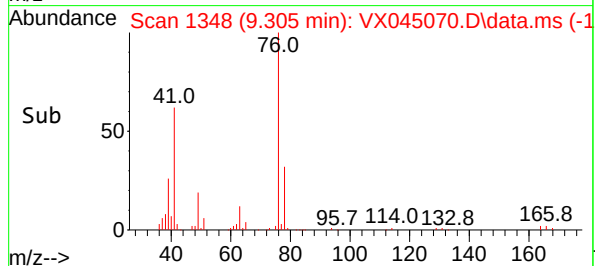
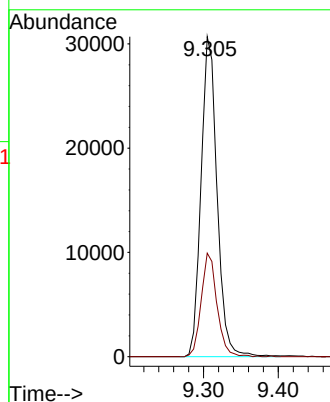
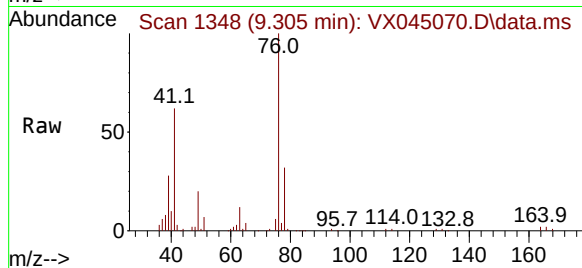
78 31.9 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#58

2-Chloroethyl Vinyl ether

Concen: 102.342 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045070.D

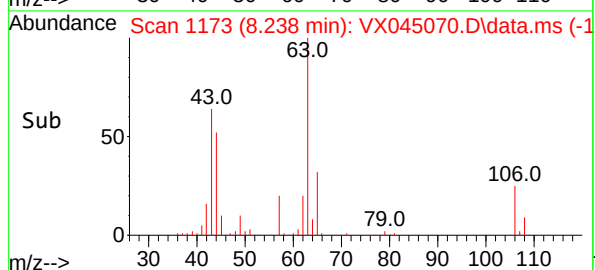
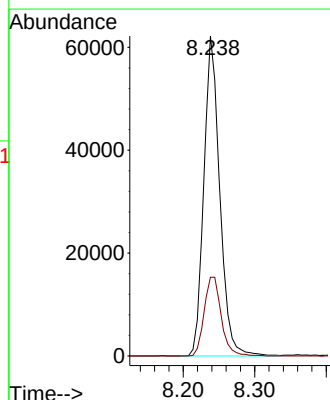
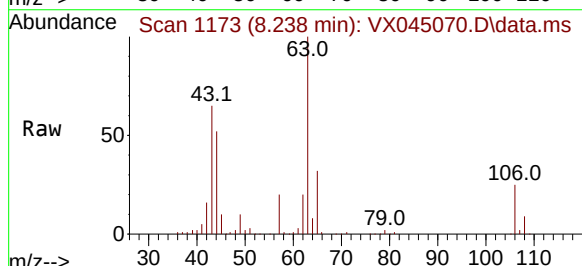
Acq: 28 Feb 2025 02:37

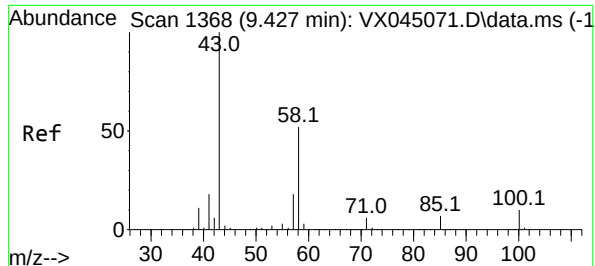
Tgt Ion: 63 Resp: 96311

Ion Ratio Lower Upper

63 100

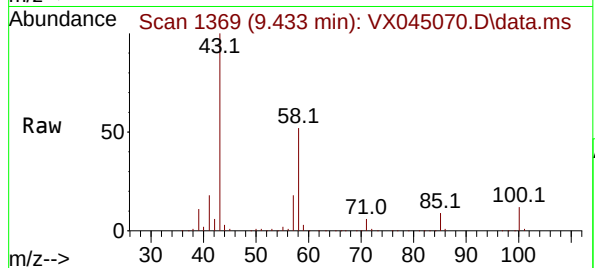
106 26.4 21.5 32.3





#59
2-Hexanone
Concen: 126.428 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

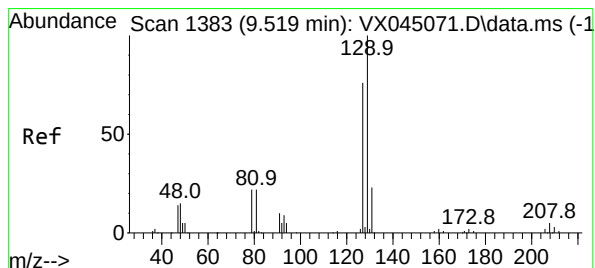
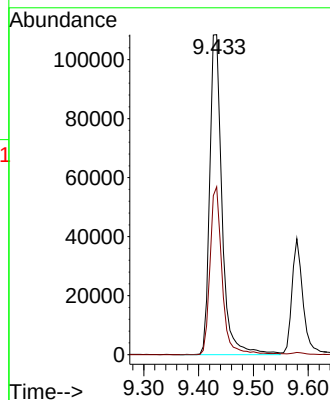
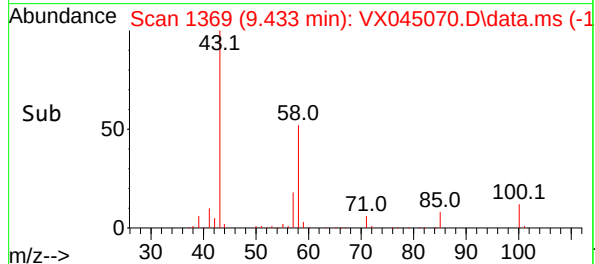
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 168768
Ion Ratio Lower Upper
43 100
58 51.6 25.9 77.6

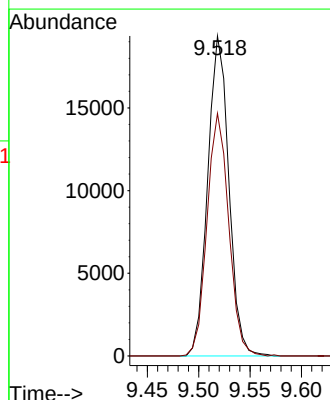
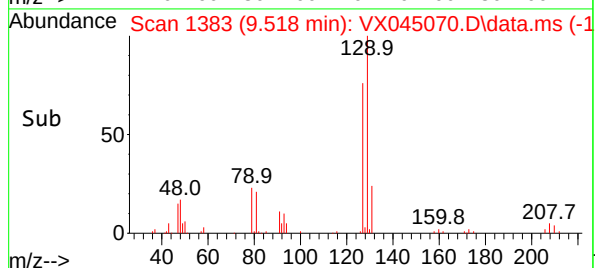
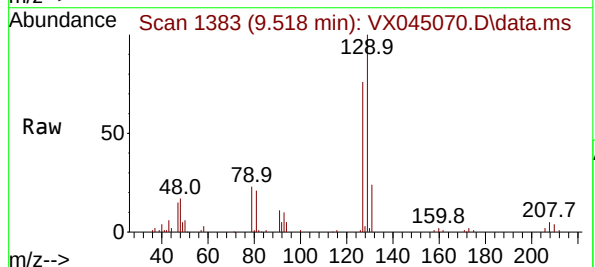
Manual Integrations
APPROVED

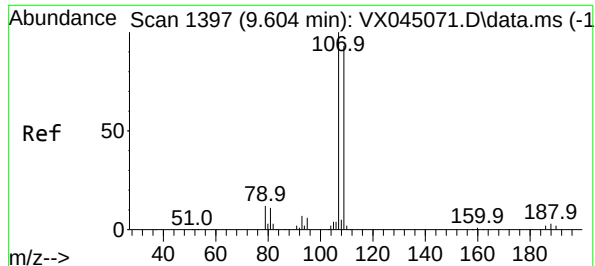
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#60
Dibromochloromethane
Concen: 21.668 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:129 Resp: 27705
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.5





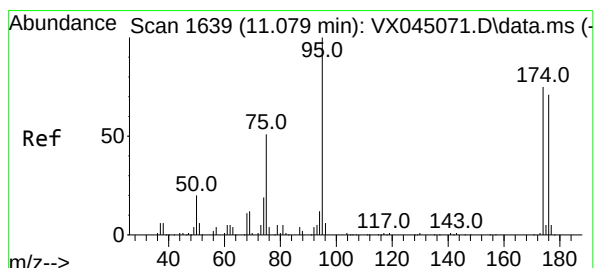
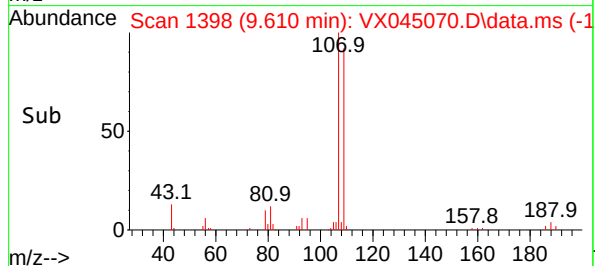
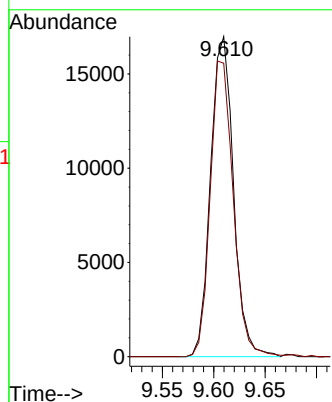
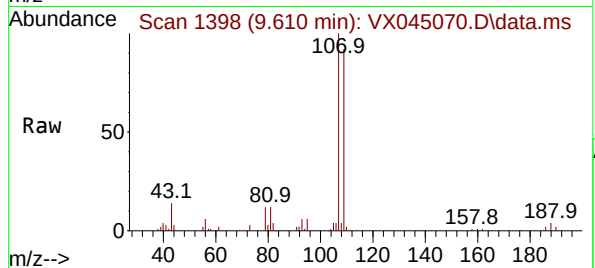
#61
1,2-Dibromoethane
Concen: 21.764 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:107 Resp: 2631
Ion Ratio Lower Upper
107 100
109 93.3 76.1 114.1

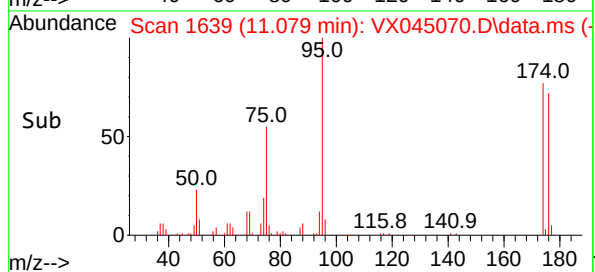
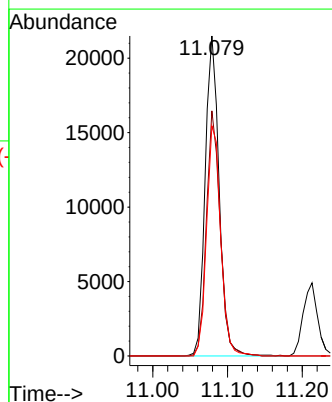
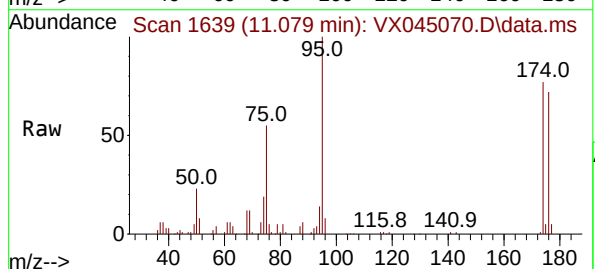
Manual Integrations
APPROVED

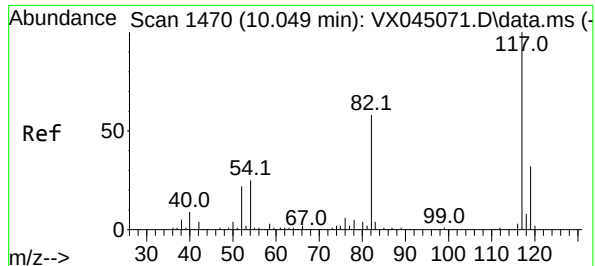
Reviewed By :John Carbone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#62
4-Bromofluorobenzene
Concen: 19.215 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 95 Resp: 27856
Ion Ratio Lower Upper
95 100
174 76.1 0.0 148.2
176 72.8 0.0 141.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX045070.D

Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:117 Resp: 157714

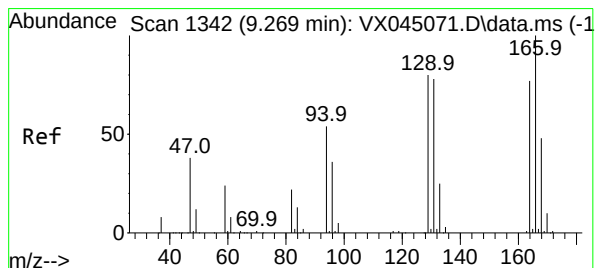
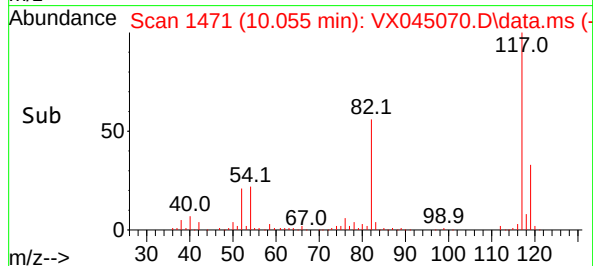
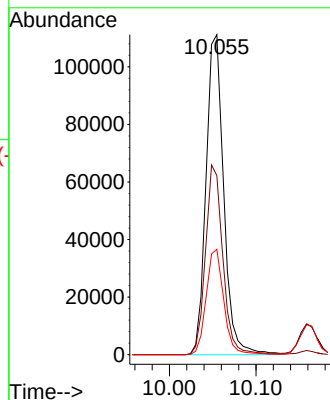
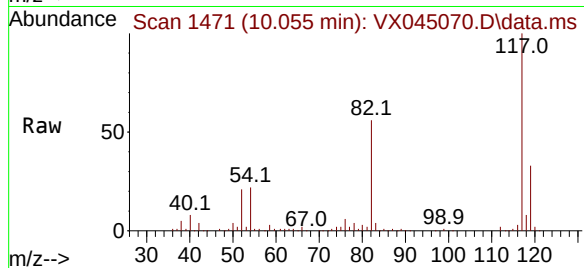
Ion	Ratio	Lower	Upper
117	100		
82	55.9	46.3	69.5
119	33.0	25.7	38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#64

Tetrachloroethene

Concen: 20.102 ug/l

RT: 9.268 min Scan# 1342

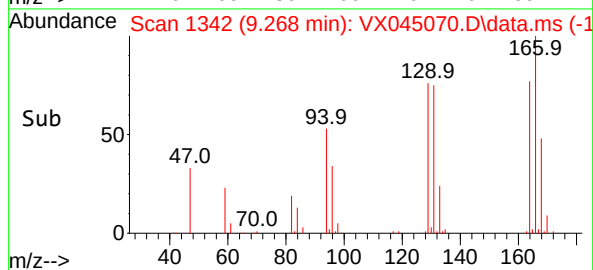
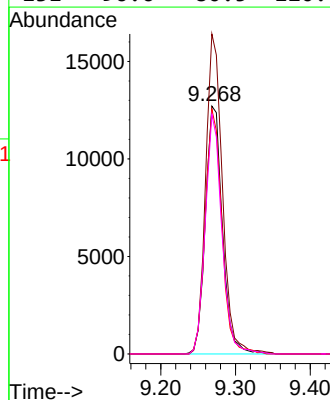
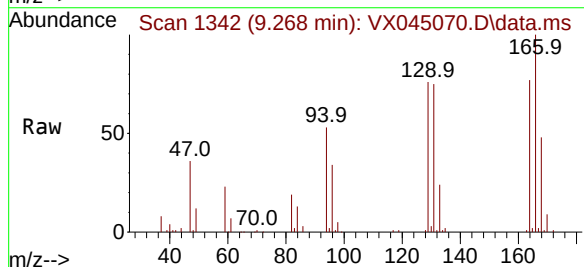
Delta R.T. -0.000 min

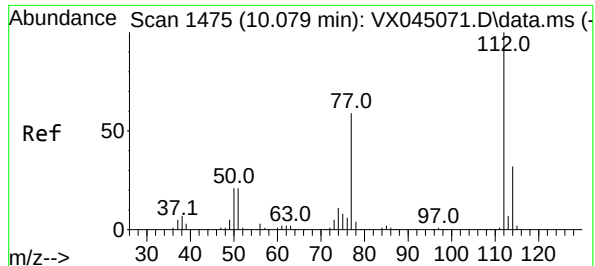
Lab File: VX045070.D

Acq: 28 Feb 2025 02:37

Tgt Ion:164 Resp: 20140

Ion	Ratio	Lower	Upper
164	100		
166	129.1	103.6	155.4
129	98.7	82.7	124.1
131	96.6	80.5	120.7





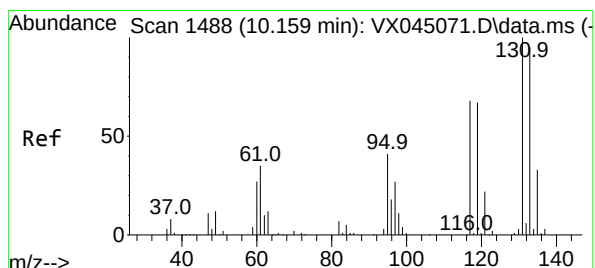
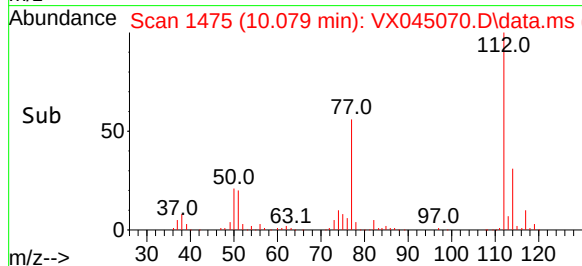
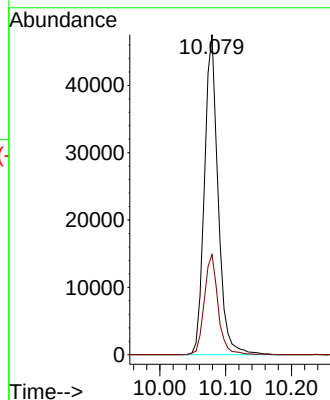
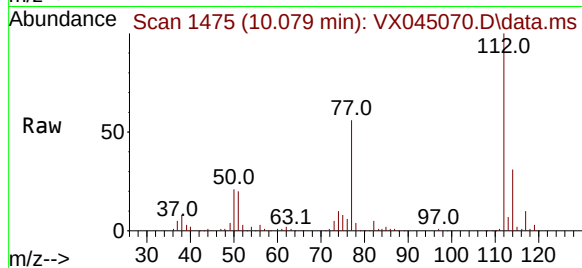
#65
Chlorobenzene
Concen: 20.316 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 6877
Ion Ratio Lower Upper
112 100
114 31.3 26.0 39.0

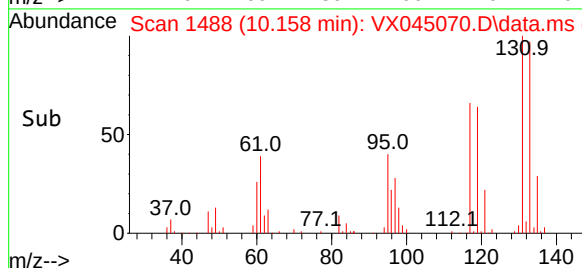
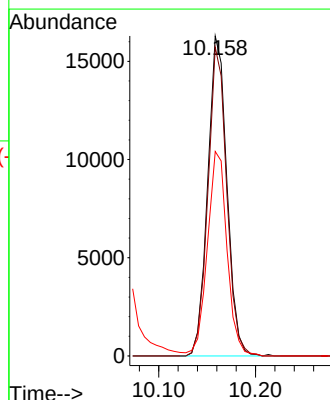
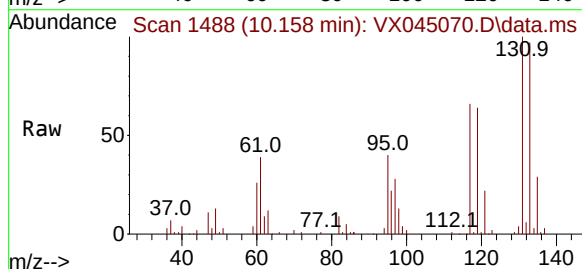
Manual Integrations
APPROVED

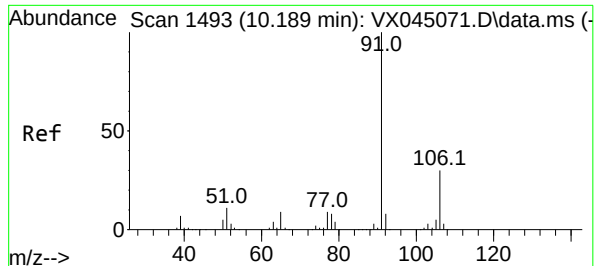
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 20.627 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:131 Resp: 22508
Ion Ratio Lower Upper
131 100
133 94.6 48.6 145.9
119 65.4 33.9 101.7





#67

Ethyl Benzene

Concen: 19.905 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX045070.D

Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 91 Resp: 11916

Ion Ratio Lower Upper

91 100

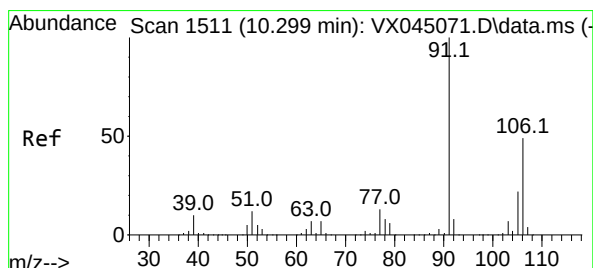
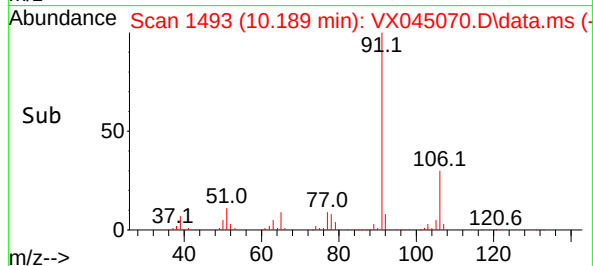
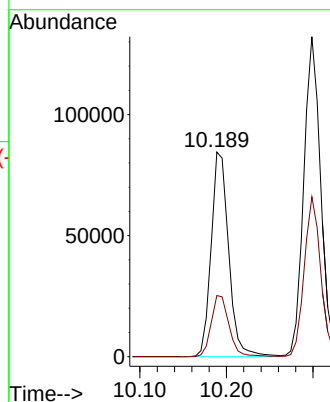
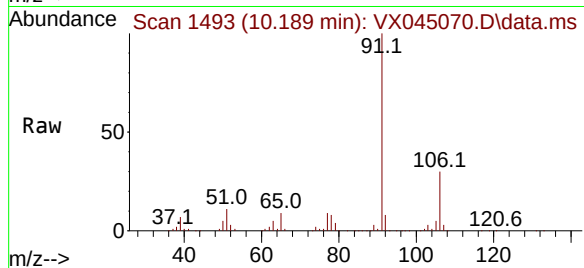
106 29.9 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#68

m/p-Xylenes

Concen: 40.699 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX045070.D

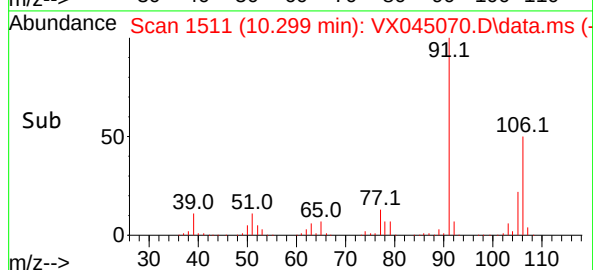
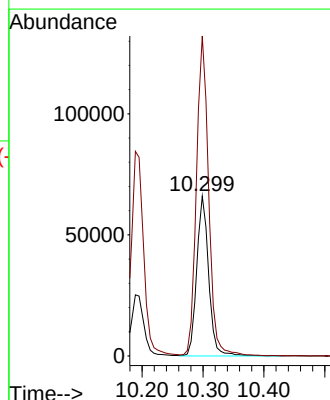
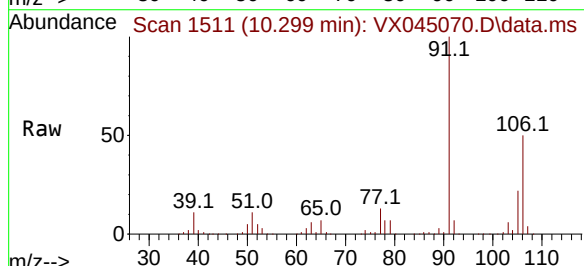
Acq: 28 Feb 2025 02:37

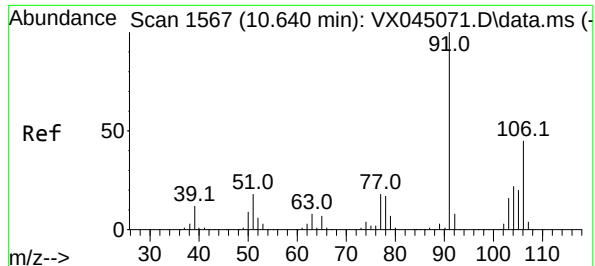
Tgt Ion:106 Resp: 89735

Ion Ratio Lower Upper

106 100

91 204.2 165.4 248.0





#69

o-Xylene

Concen: 20.018 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX045070.D

Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:106 Resp: 4428

Ion Ratio Lower Upper

106 100

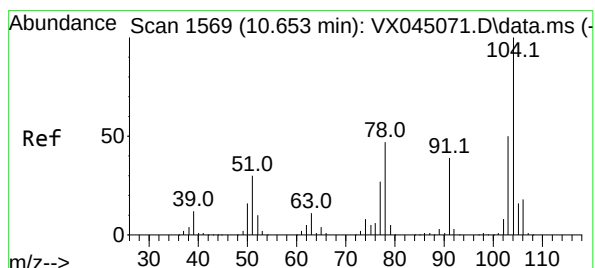
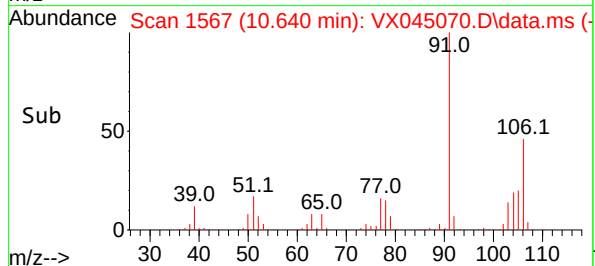
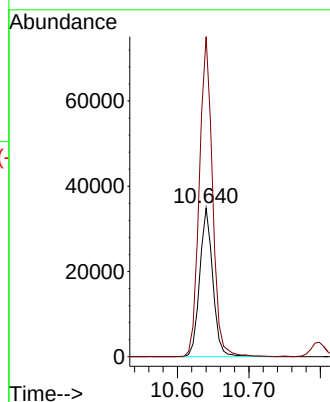
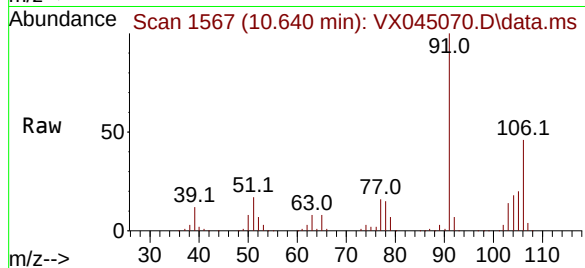
91 216.8 109.9 329.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#70

Styrene

Concen: 20.767 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX045070.D

Acq: 28 Feb 2025 02:37

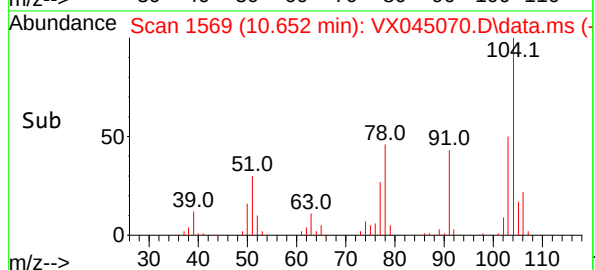
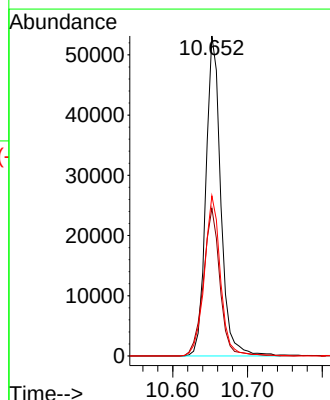
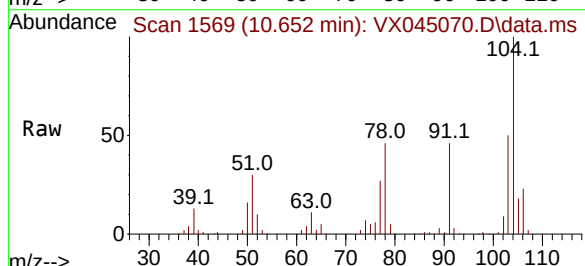
Tgt Ion:104 Resp: 73832

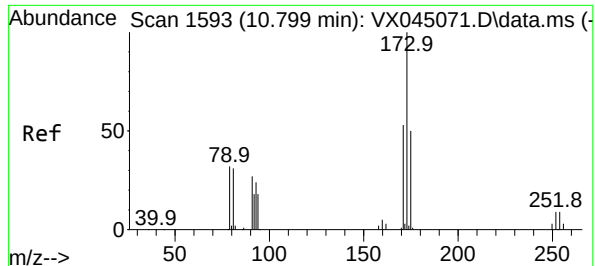
Ion Ratio Lower Upper

104 100

78 50.9 42.2 63.4

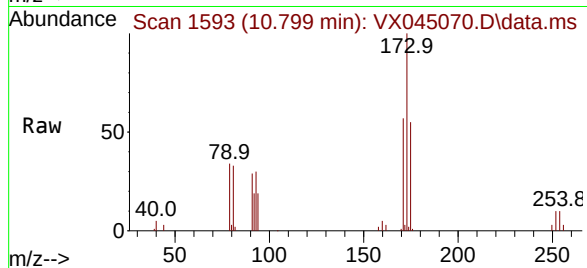
103 54.1 43.8 65.8





#71
Bromoform
Concen: 21.449 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

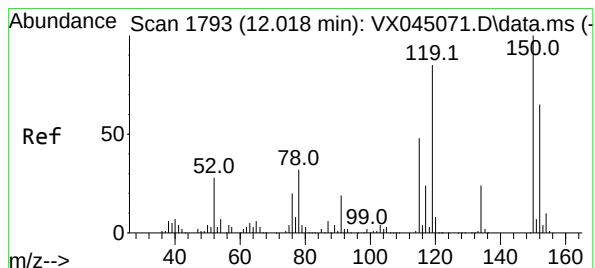
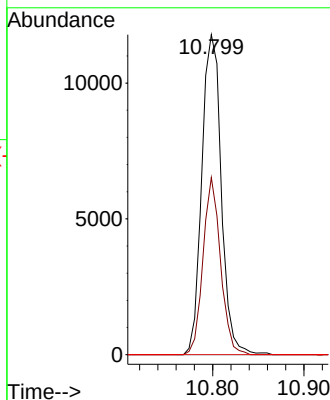
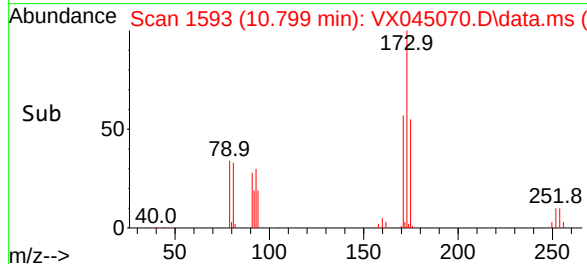
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:173 Resp: 1740
Ion Ratio Lower Upper
173 100
175 49.7 24.6 73.6
254 0.0 0.0 0.0

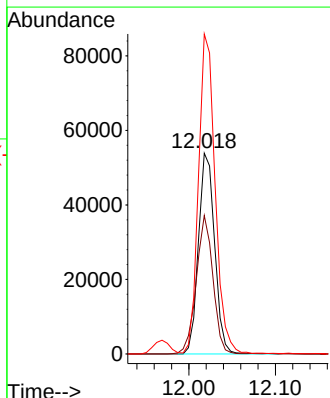
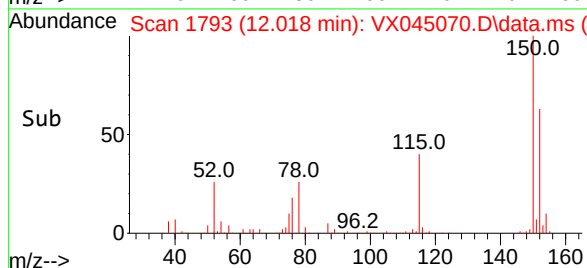
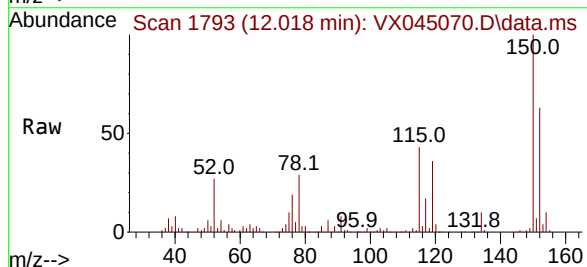
Manual Integrations
APPROVED

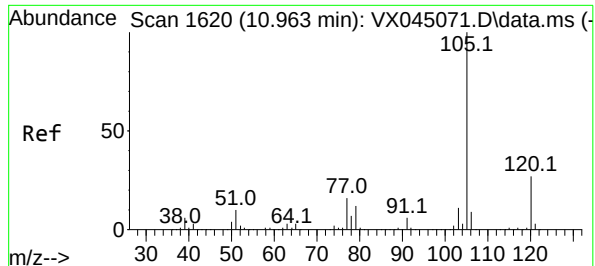
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

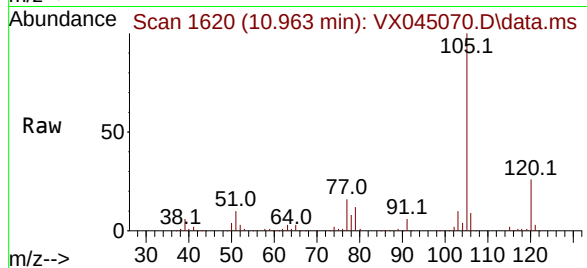
Tgt Ion:152 Resp: 70072
Ion Ratio Lower Upper
152 100
115 70.9 44.2 132.6
150 163.4 0.0 349.0





#73
Isopropylbenzene
Concen: 19.794 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

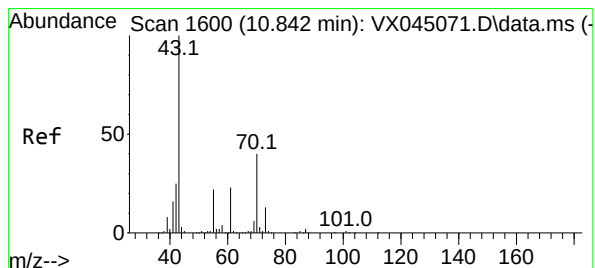
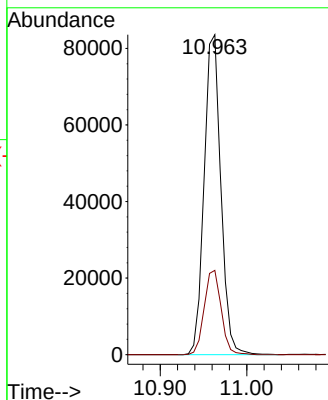
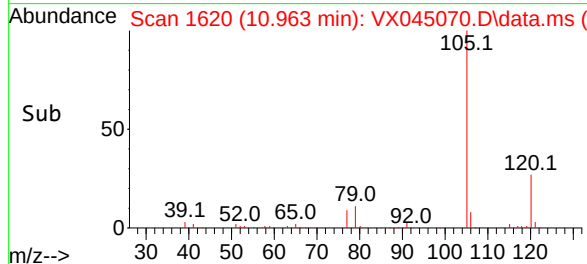
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:105 Resp: 112099
Ion Ratio Lower Upper
105 100
120 26.7 13.2 39.5

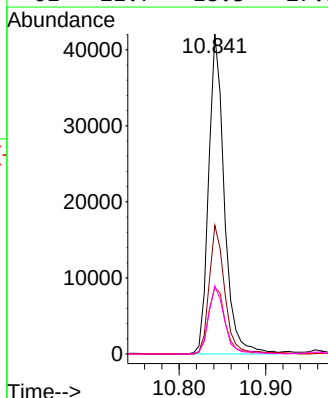
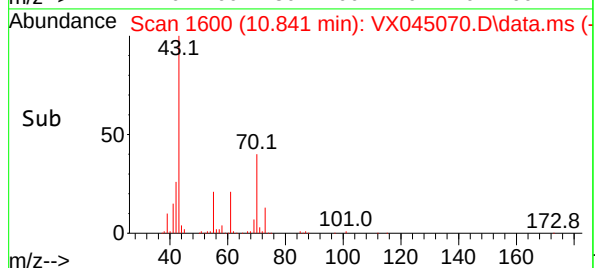
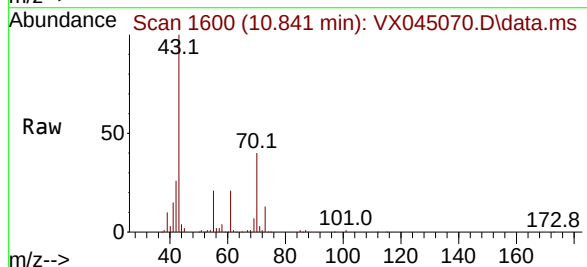
Manual Integrations
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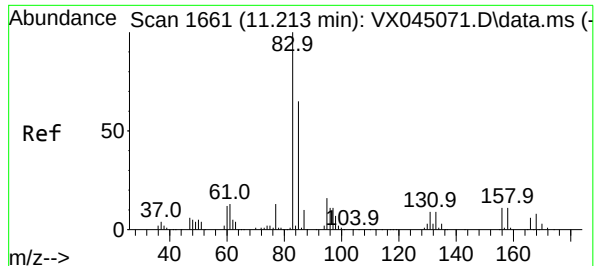
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#74
N-ethyl acetate
Concen: 20.606 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion: 43 Resp: 52972
Ion Ratio Lower Upper
43 100
70 40.0 31.8 47.6
55 23.0 18.3 27.5
61 21.7 18.3 27.5





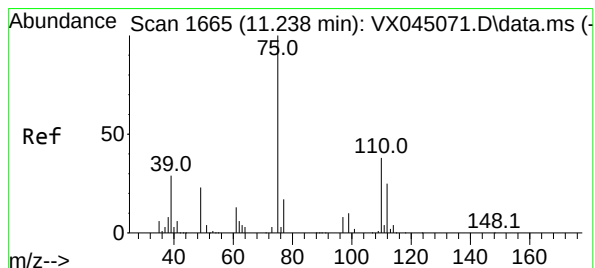
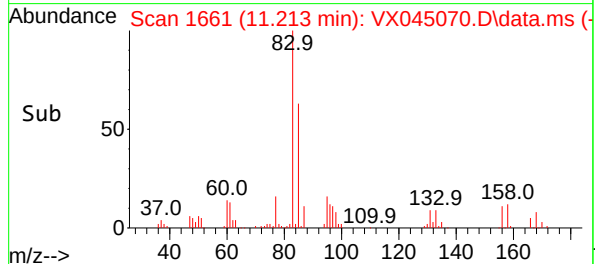
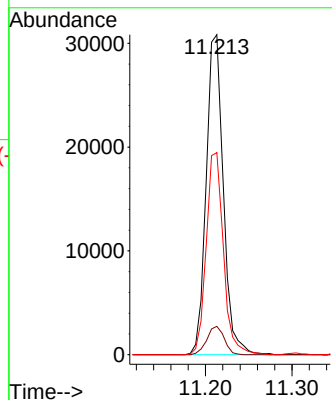
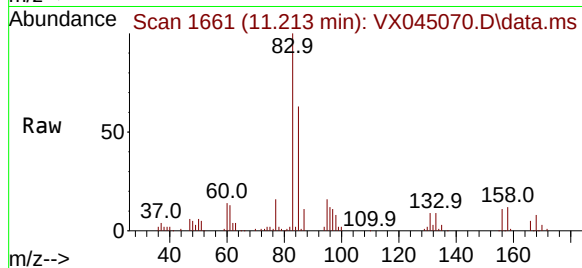
#75
1,1,2,2-Tetrachloroethane
Concen: 21.738 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 4241
Ion Ratio Lower Upper
83 100
131 9.0 4.5 13.4
85 63.4 31.7 95.1

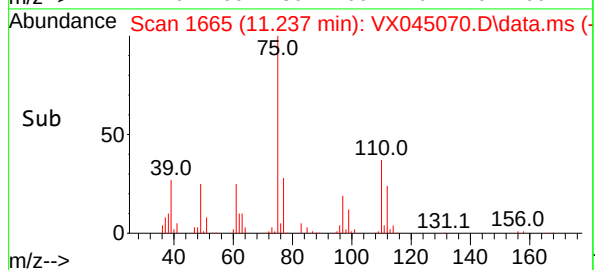
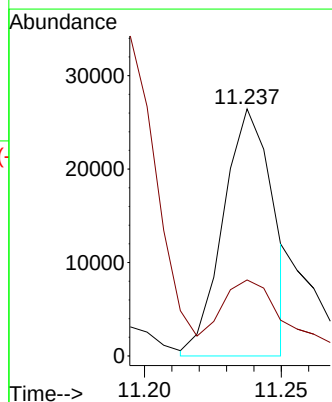
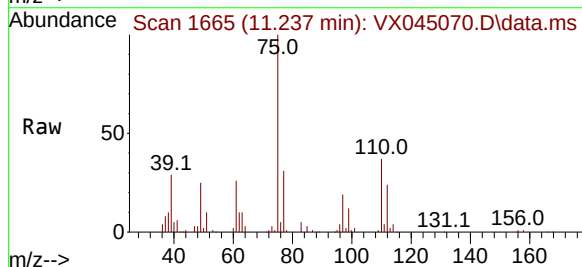
Manual Integrations
APPROVED

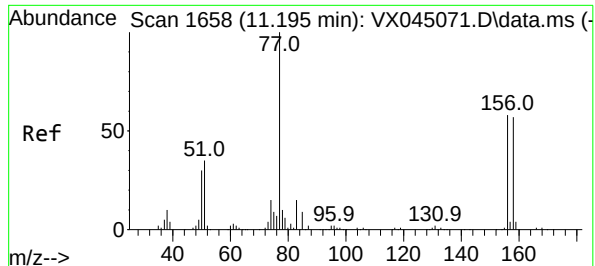
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#76
1,2,3-Trichloropropane
Concen: 21.394 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

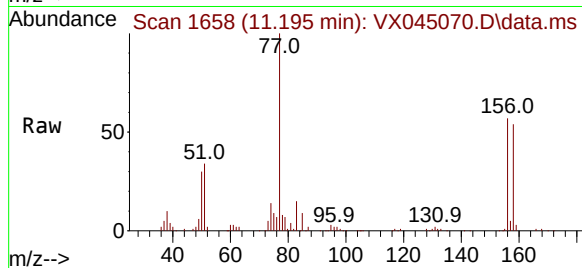
Tgt Ion: 75 Resp: 33440
Ion Ratio Lower Upper
75 100
77 40.6 20.7 62.1





#77
Bromobenzene
Concen: 20.466 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

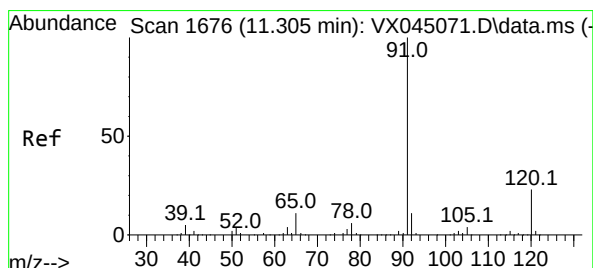
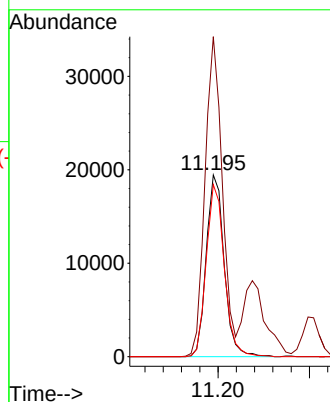
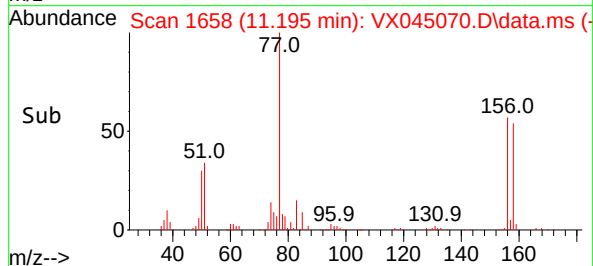
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



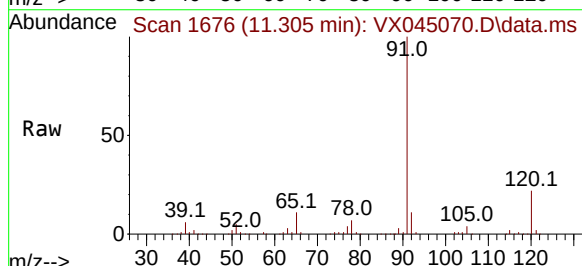
Tgt Ion:156 Resp: 26310
Ion Ratio Lower Upper
156 100
77 170.2 85.8 257.4
158 95.9 48.4 145.2

Manual Integrations
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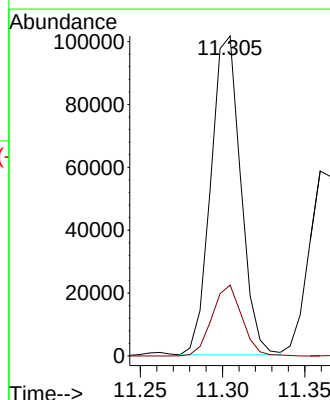
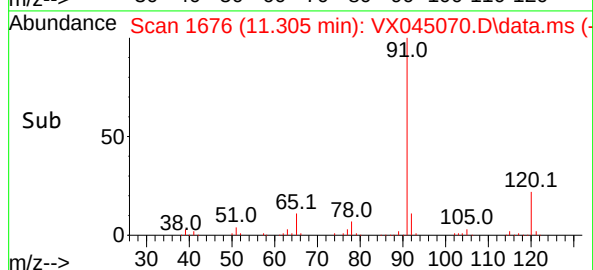
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

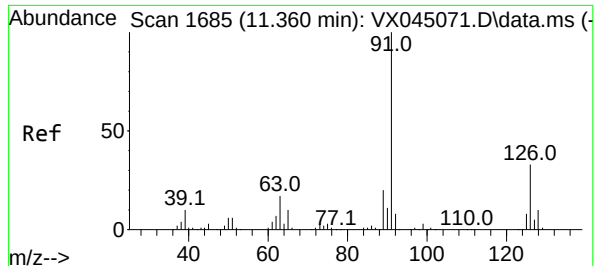


#78
n-propylbenzene
Concen: 19.641 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37



Tgt Ion: 91 Resp: 128284
Ion Ratio Lower Upper
91 100
120 22.3 11.2 33.6





#79

2-Chlorotoluene

Concen: 19.775 ug/l

RT: 11.359 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VX045070.D

Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 91 Resp: 79275

Ion Ratio Lower Upper

91 100

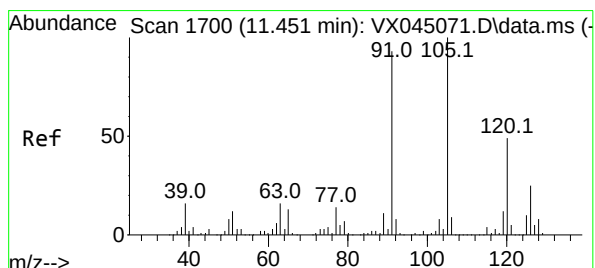
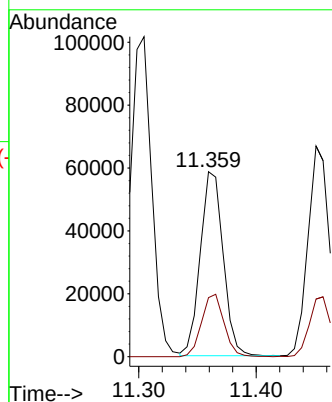
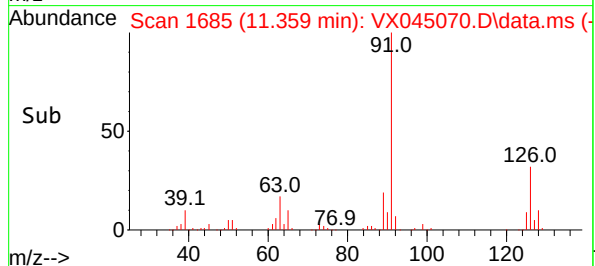
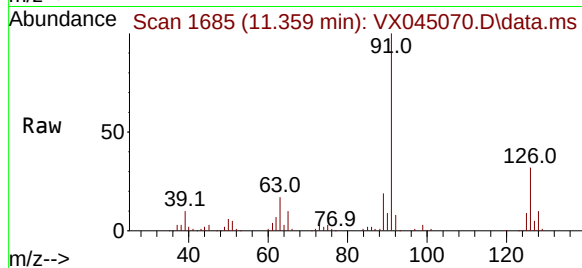
126 33.1 16.4 49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#80

1,3,5-Trimethylbenzene

Concen: 20.581 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX045070.D

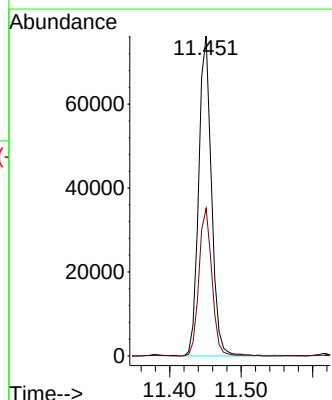
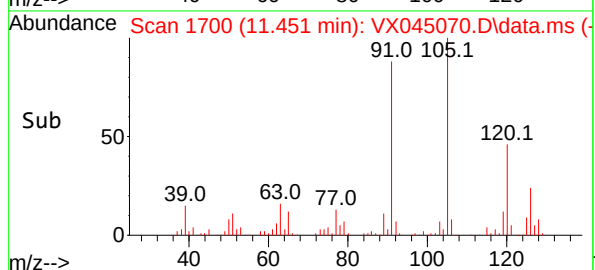
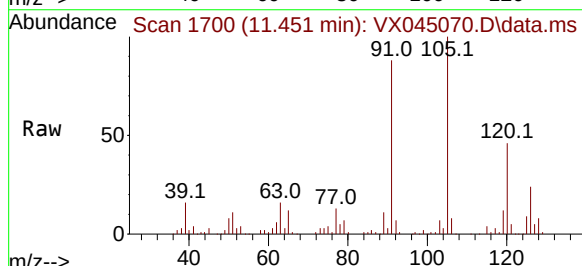
Acq: 28 Feb 2025 02:37

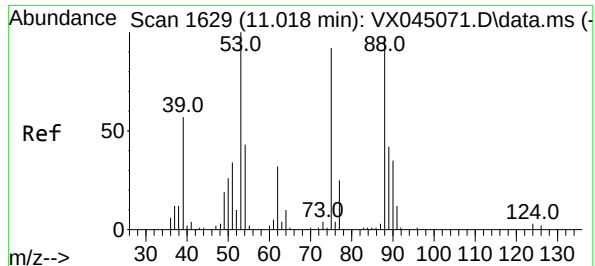
Tgt Ion:105 Resp: 94545

Ion Ratio Lower Upper

105 100

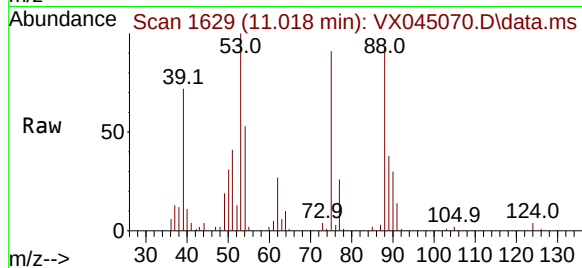
120 46.8 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 15.196 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

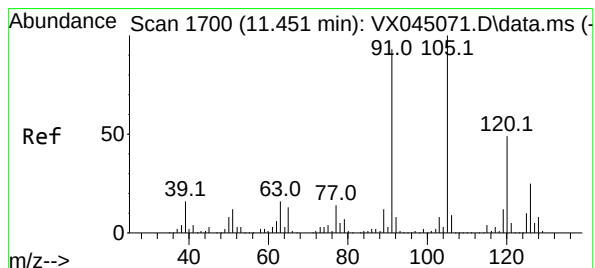
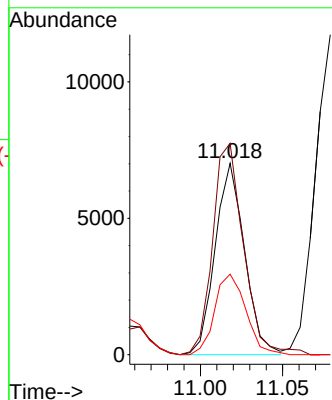
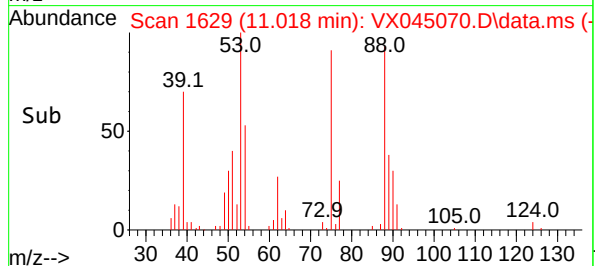
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 75 Resp: 8759
Ion Ratio Lower Upper
75 100
53 115.4 88.5 132.7
89 44.3 36.2 54.4

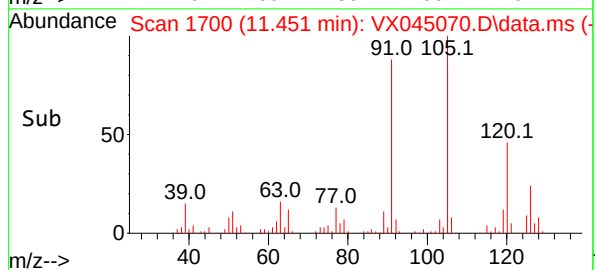
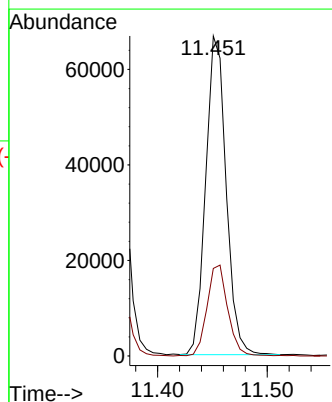
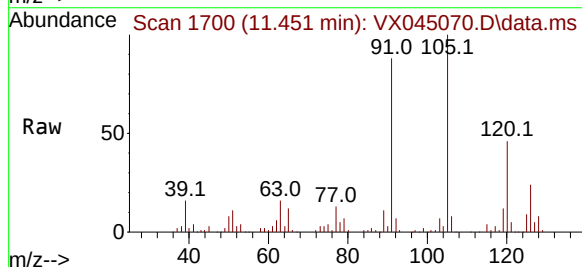
Manual Integrations
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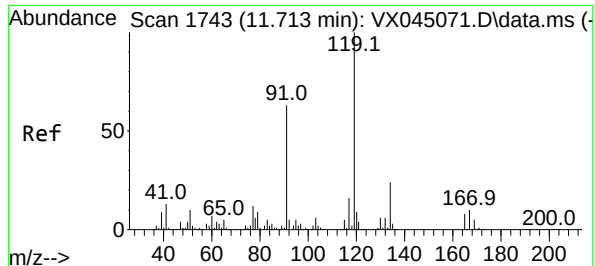
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#82
4-Chlorotoluene
Concen: 19.443 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

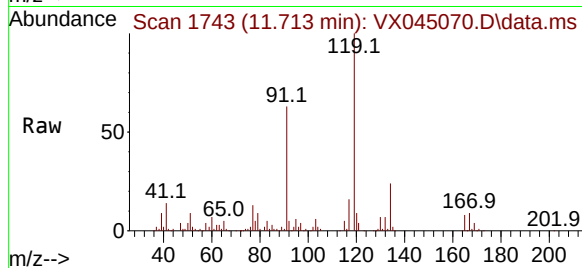
Tgt Ion: 91 Resp: 86281
Ion Ratio Lower Upper
91 100
126 29.1 14.1 42.4





#83
tert-Butylbenzene
Concen: 20.159 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

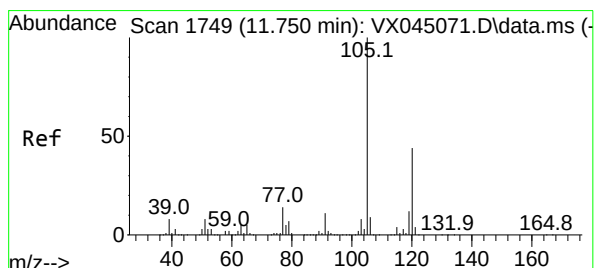
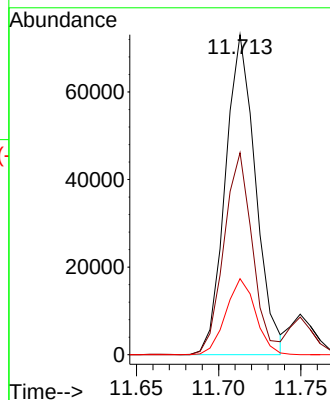
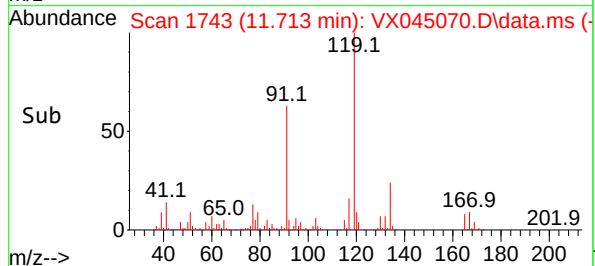
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:119 Resp: 93670
Ion Ratio Lower Upper
119 100
91 60.0 30.7 92.1
134 23.4 11.7 35.0

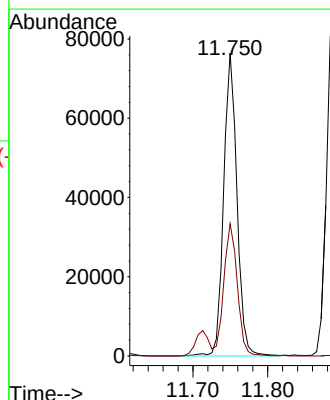
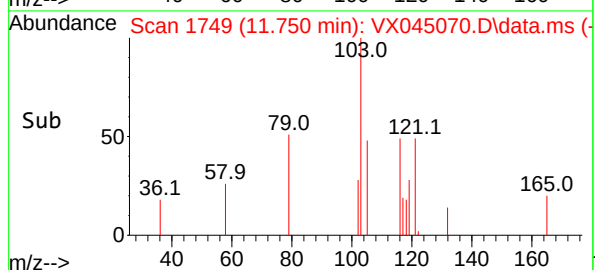
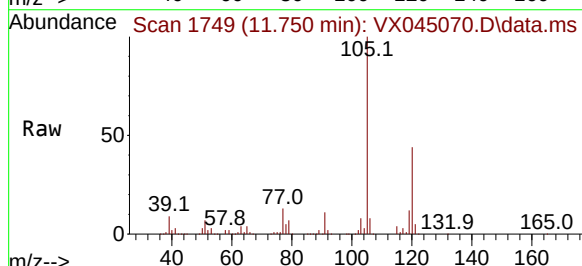
Manual Integrations
APPROVED

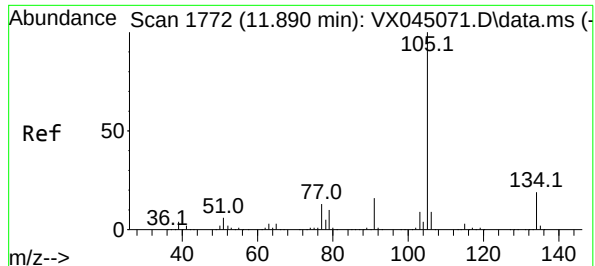
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#84
1,2,4-Trimethylbenzene
Concen: 20.943 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

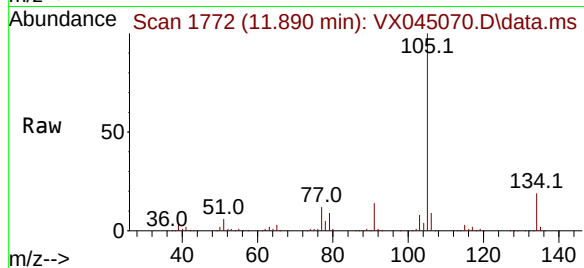
Tgt Ion:105 Resp: 94734
Ion Ratio Lower Upper
105 100
120 44.3 22.1 66.1





#85
sec-Butylbenzene
Concen: 20.160 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

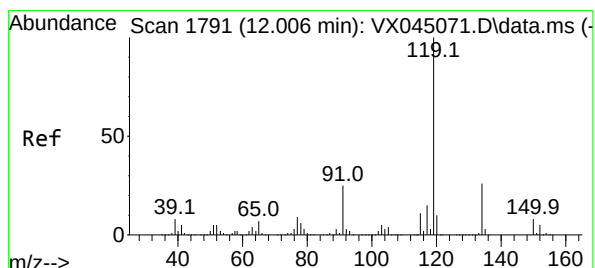
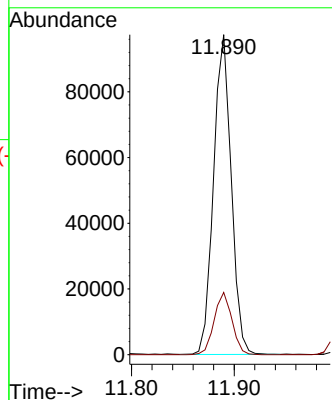
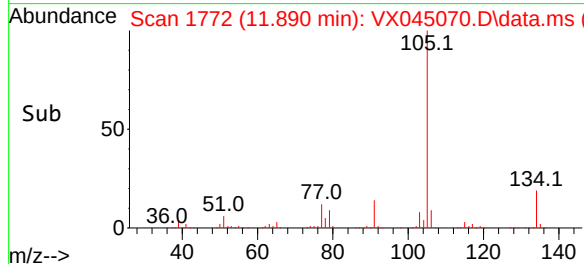
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:105 Resp: 11595
Ion Ratio Lower Upper
105 100
134 19.6 9.8 29.4

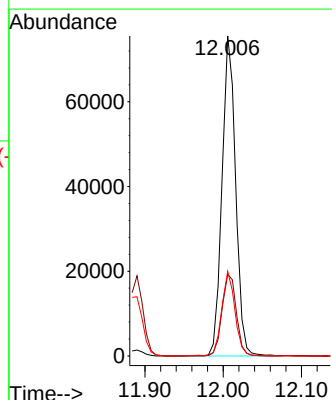
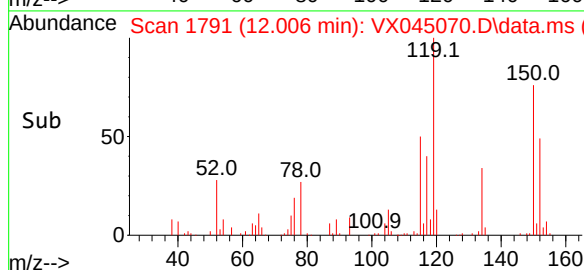
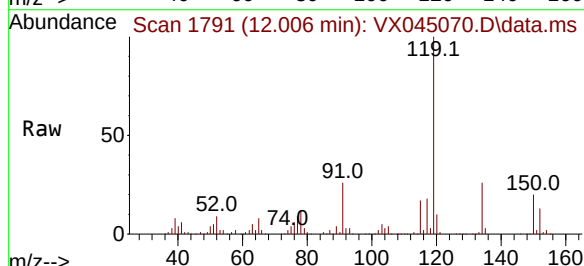
Manual Integrations
APPROVED

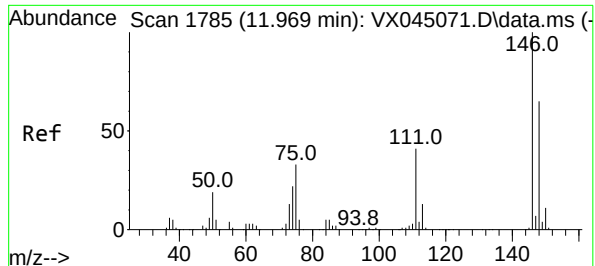
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#86
p-Isopropyltoluene
Concen: 19.827 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:119 Resp: 91554
Ion Ratio Lower Upper
119 100
134 26.8 12.9 38.6
91 25.6 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 20.400 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX045070.D

Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 47934

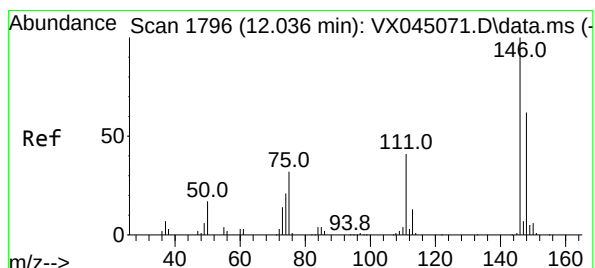
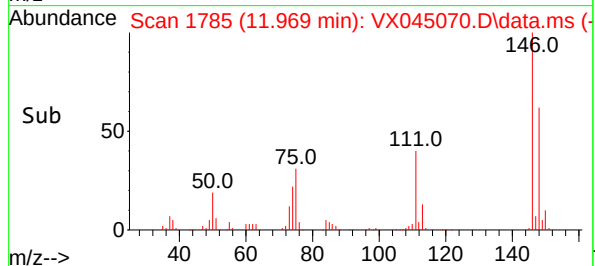
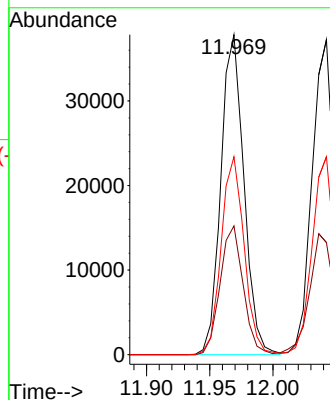
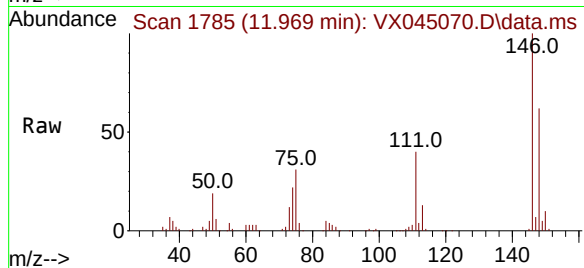
Ion	Ratio	Lower	Upper
146	100		
111	40.2	21.1	63.4
148	61.6	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#88

1,4-Dichlorobenzene

Concen: 19.615 ug/l

RT: 12.042 min Scan# 1797

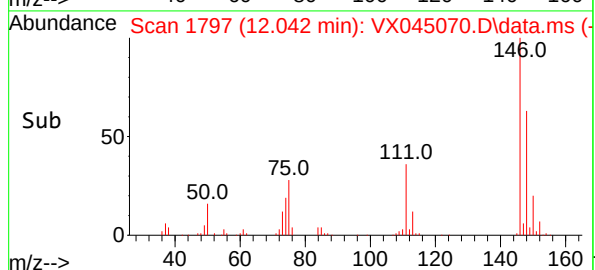
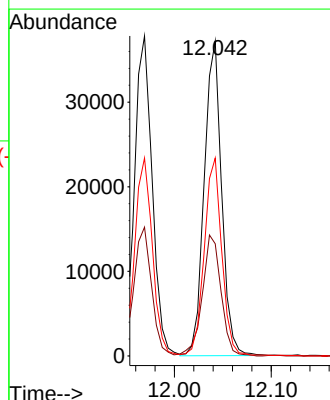
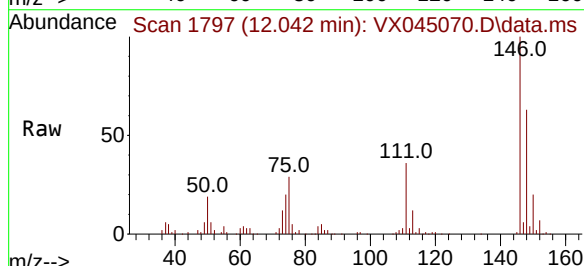
Delta R.T. 0.006 min

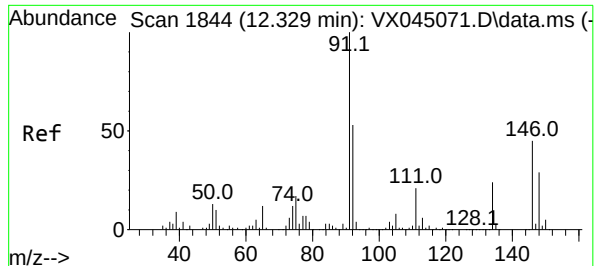
Lab File: VX045070.D

Acq: 28 Feb 2025 02:37

Tgt Ion:146 Resp: 46657

Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.2	60.5
148	63.8	31.9	95.9





#89

n-Butylbenzene

Concen: 19.249 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX045070.D

Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 91 Resp: 7813

Ion Ratio Lower Upper

91 100

92 52.9 26.7 80.0

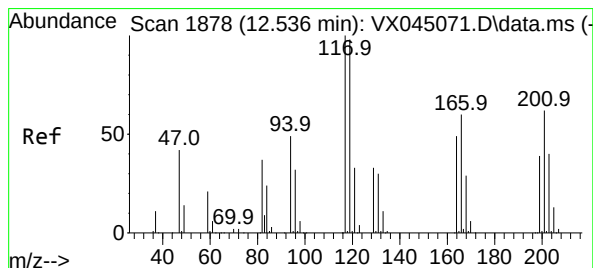
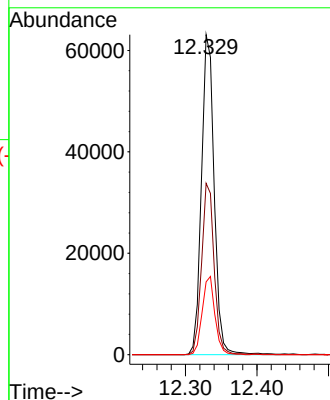
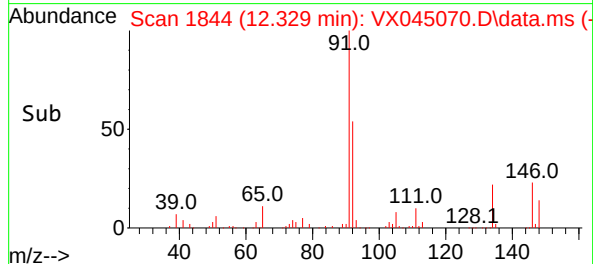
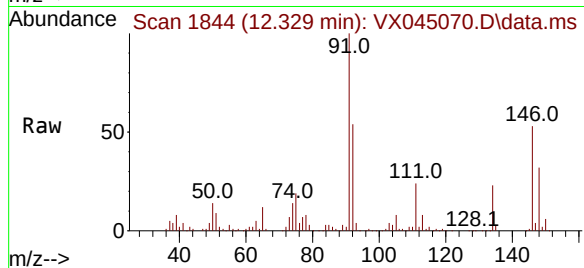
134 24.3 12.2 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#90

Hexachloroethane

Concen: 18.483 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX045070.D

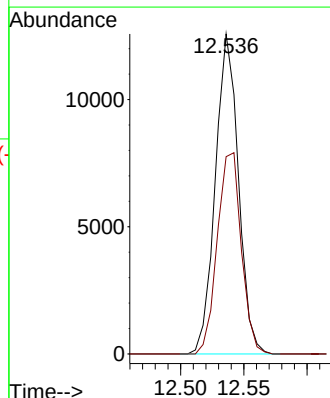
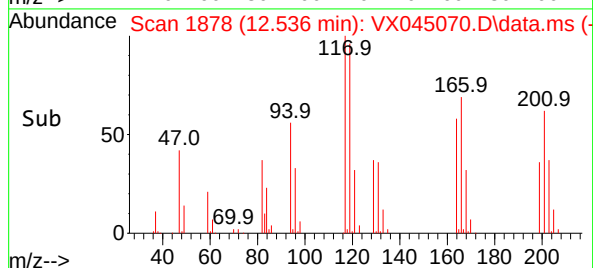
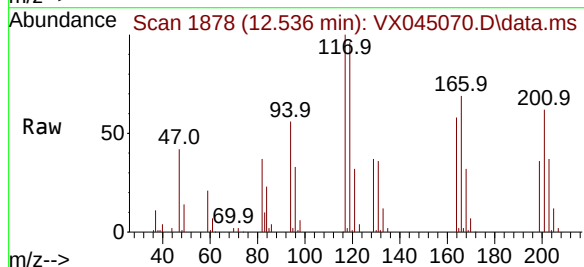
Acq: 28 Feb 2025 02:37

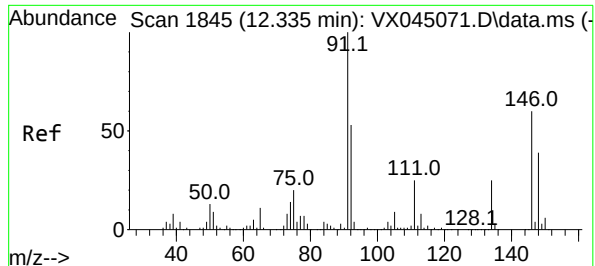
Tgt Ion:117 Resp: 15919

Ion Ratio Lower Upper

117 100

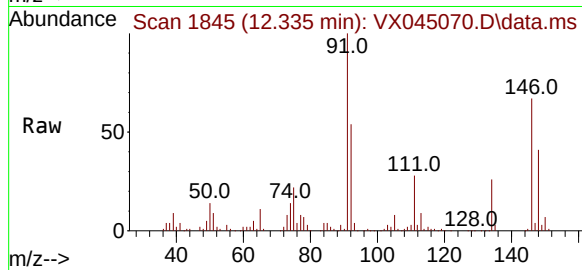
201 65.6 31.9 95.9





#91
1,2-Dichlorobenzene
Concen: 21.031 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

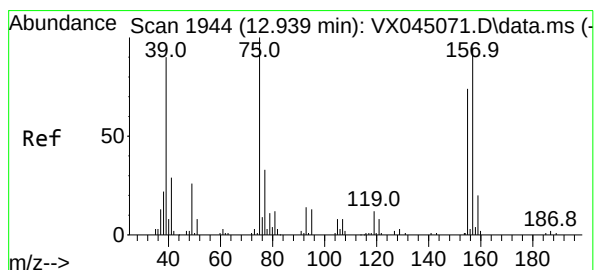
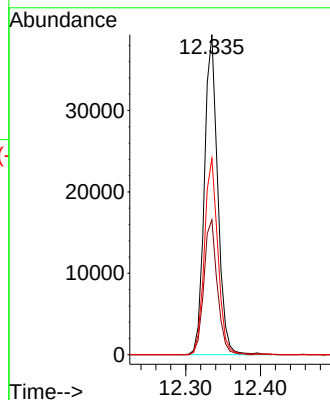
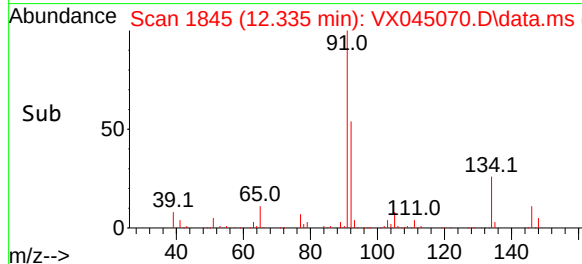
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:146 Resp: 48632
Ion Ratio Lower Upper
146 100
111 42.6 21.6 65.0
148 62.1 31.9 95.9

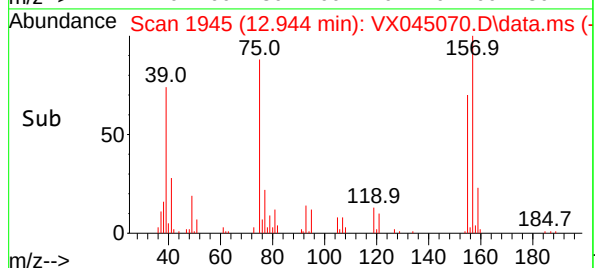
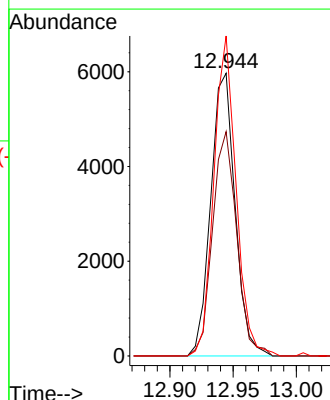
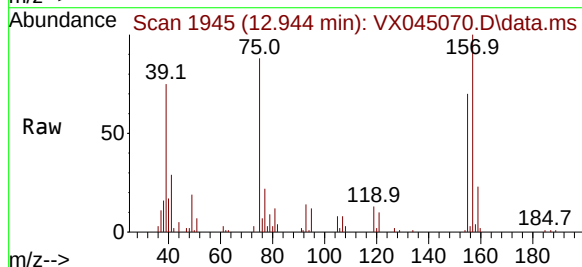
Manual Integrations
APPROVED

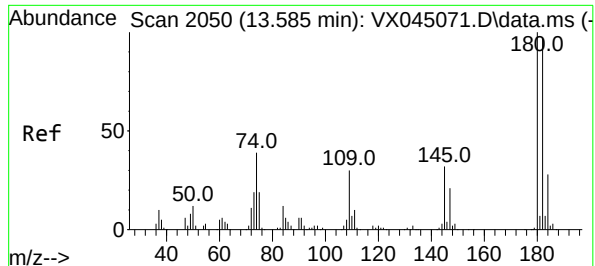
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.119 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

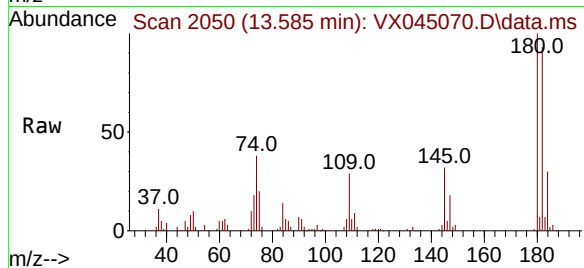
Tgt Ion: 75 Resp: 7987
Ion Ratio Lower Upper
75 100
155 78.7 39.6 118.7
157 103.3 51.1 153.4





#93
1,2,4-Trichlorobenzene
Concen: 19.617 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

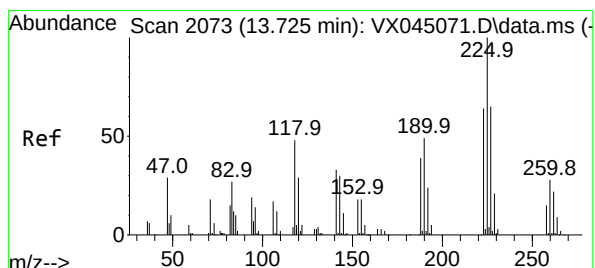
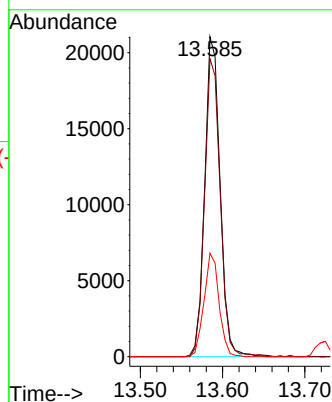
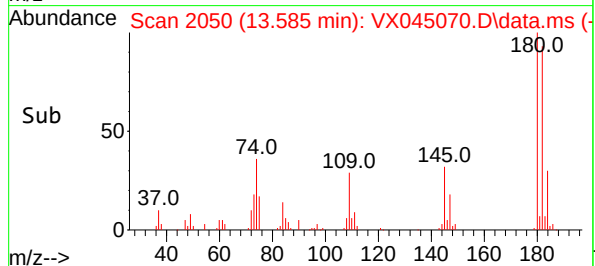
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:180 Resp: 27424
Ion Ratio Lower Upper
180 100
182 93.9 47.3 141.9
145 31.5 16.3 48.9

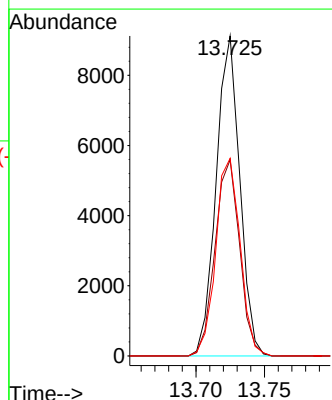
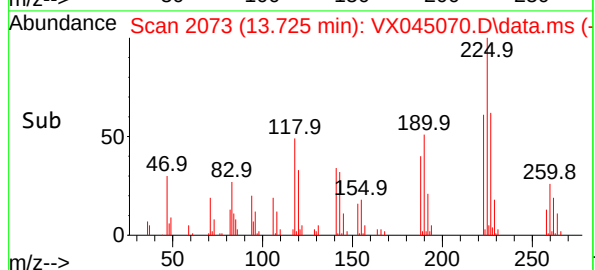
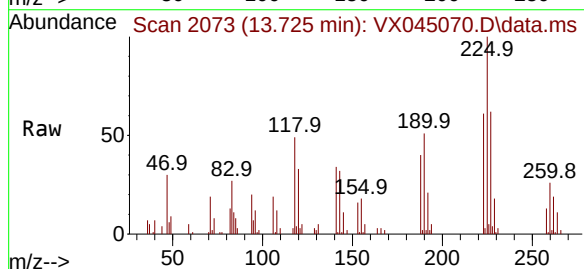
Manual Integrations
APPROVED

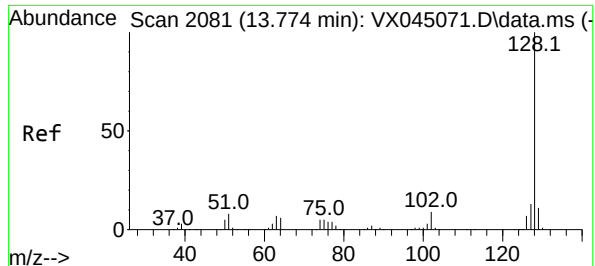
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#94
Hexachlorobutadiene
Concen: 19.616 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

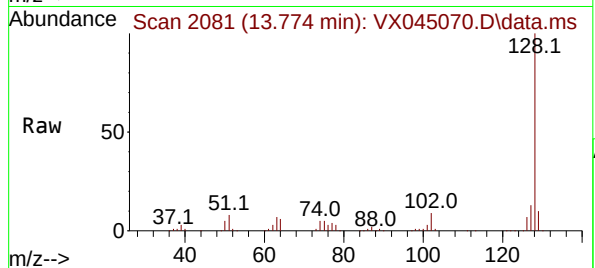
Tgt Ion:225 Resp: 10934
Ion Ratio Lower Upper
225 100
223 63.7 31.9 95.7
227 63.7 31.4 94.0





#95
Naphthalene
Concen: 21.279 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

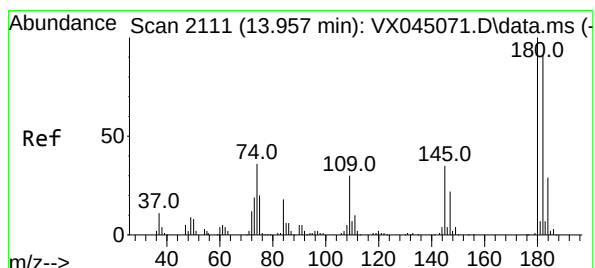
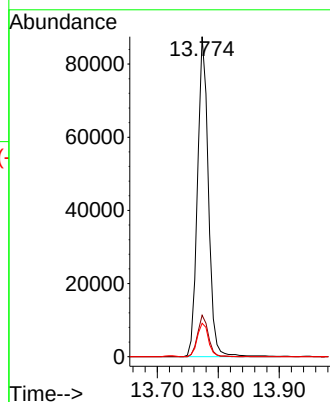
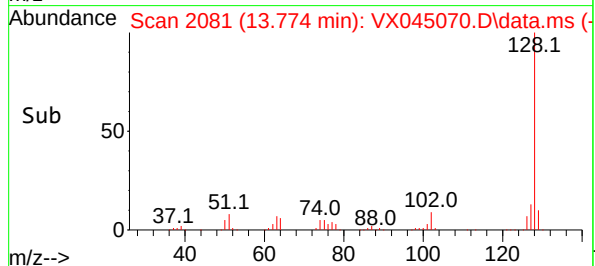
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:128 Resp: 108350
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.8 8.7 13.1

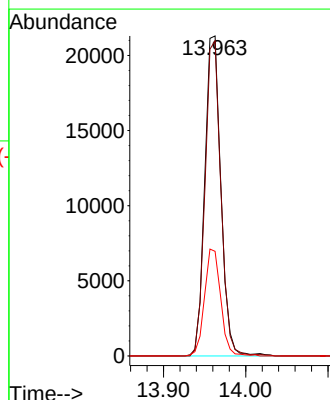
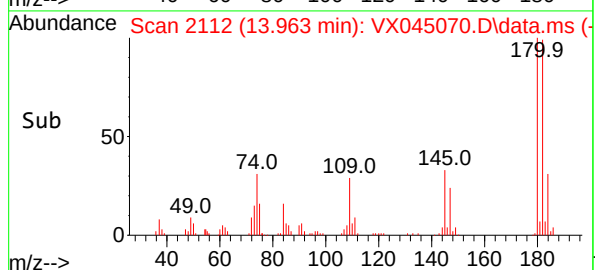
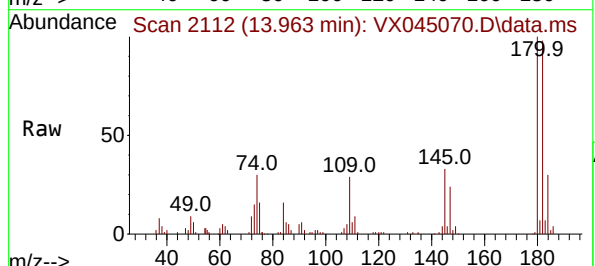
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#96
1,2,3-Trichlorobenzene
Concen: 20.432 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX045070.D
Acq: 28 Feb 2025 02:37

Tgt Ion:180 Resp: 28937
Ion Ratio Lower Upper
180 100
182 97.0 47.5 142.6
145 33.7 17.0 50.9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
 Data File : VX045071.D
 Acq On : 28 Feb 2025 03:00
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/28/2025
 Supervised By : Mahesh Dadoda 02/28/2025

Quant Time: Feb 28 05:34:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 05:28:02 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	103235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	186358	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	162079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	71264	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	78159	51.250	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.500%			
35) Dibromofluoromethane	5.385	113	61323	50.346	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.700%			
50) Toluene-d8	8.647	98	225493	49.449	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.900%			
62) 4-Bromofluorobenzene	11.079	95	74945	49.212	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.420%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	64743	45.502	ug/l	100
3) Chloromethane	1.307	50	77729	44.894	ug/l	100
4) Vinyl Chloride	1.374	62	78524	46.434	ug/l	100
5) Bromomethane	1.593	94	30169	57.066	ug/l	100
6) Chloroethane	1.660	64	38461	59.750	ug/l	100
7) Trichlorofluoromethane	1.868	101	108411	50.047	ug/l	100
8) Diethyl Ether	2.136	74	40001	50.814	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.313	101	61312	47.399	ug/l	100
10) Methyl Iodide	2.441	142	79357	47.854	ug/l	100
11) Tert butyl alcohol	2.983	59	69139	247.496	ug/l	100
12) 1,1-Dichloroethene	2.307	96	64327	48.434	ug/l	100
13) Acrolein	2.233	56	89603	296.189	ug/l	100
14) Allyl chloride	2.654	41	114313	47.875	ug/l	100
15) Acrylonitrile	3.062	53	211455	278.519	ug/l	100
16) Acetone	2.386	43	181429	289.130	ug/l	100
17) Carbon Disulfide	2.502	76	171353	47.419	ug/l	100
18) Methyl Acetate	2.703	43	89508	47.359	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	215043	50.642	ug/l	100
20) Methylene Chloride	2.782	84	72081	48.500	ug/l	100
21) trans-1,2-Dichloroethene	3.087	96	65093	49.832	ug/l	100
22) Diisopropyl ether	3.764	45	236563	51.816	ug/l	100
23) Vinyl Acetate	3.721	43	1018631	271.773	ug/l	100
24) 1,1-Dichloroethane	3.605	63	128235	50.270	ug/l	100
25) 2-Butanone	4.562	43	298785	295.330	ug/l	100
26) 2,2-Dichloropropane	4.471	77	61631	32.498	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	78657	49.955	ug/l	100
28) Bromochloromethane	4.898	49	62299	50.643	ug/l	100
29) Tetrahydrofuran	5.007	42	192607	287.345	ug/l	100
30) Chloroform	5.087	83	128581	51.532	ug/l	100
31) Cyclohexane	5.464	56	114333	48.836	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	105671	50.306	ug/l	100
36) 1,1-Dichloropropene	5.690	75	87338	49.861	ug/l	100
37) Ethyl Acetate	4.715	43	112892	56.641	ug/l	100
38) Carbon Tetrachloride	5.672	117	87123	50.593	ug/l	100
39) Methylcyclohexane	7.373	83	108974	48.715	ug/l	100
40) Benzene	6.031	78	278802	50.925	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
 Data File : VX045071.D
 Acq On : 28 Feb 2025 03:00
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/28/2025
 Supervised By : Mahesh Dadoda 02/28/2025

Quant Time: Feb 28 05:34:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 05:28:02 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	63454	59.598	ug/l	100
42) 1,2-Dichloroethane	6.080	62	98340	55.428	ug/l	100
43) Isopropyl Acetate	6.342	43	173045	54.544	ug/l	100
44) Trichloroethene	7.123	130	63513	50.756	ug/l	100
45) 1,2-Dichloropropane	7.428	63	69128	50.808	ug/l	100
46) Dibromomethane	7.580	93	50143	52.757	ug/l	100
47) Bromodichloromethane	7.818	83	97729	53.153	ug/l	100
48) Methyl methacrylate	7.690	41	86231	57.256	ug/l	100
49) 1,4-Dioxane	7.659	88	35053	1095.003	ug/l	100
51) 4-Methyl-2-Pentanone	8.574	43	568737	292.570	ug/l	100
52) Toluene	8.714	92	167431	51.505	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	87373	48.078	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	99713	49.079	ug/l	100
55) 1,1,2-Trichloroethane	9.147	97	66379	52.724	ug/l	100
56) Ethyl methacrylate	9.116	69	106157	52.724	ug/l	100
57) 1,3-Dichloropropane	9.305	76	115488	52.594	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	264555	267.612	ug/l	100
59) 2-Hexanone	9.427	43	416984	297.362	ug/l	100
60) Dibromochloromethane	9.519	129	71569	53.284	ug/l	100
61) 1,2-Dibromoethane	9.604	107	66312	52.217	ug/l	100
64) Tetrachloroethene	9.269	164	52531	51.021	ug/l	100
65) Chlorobenzene	10.079	112	176922	50.853	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	57642	51.402	ug/l	100
67) Ethyl Benzene	10.189	91	316427	51.431	ug/l	100
68) m/p-Xylenes	10.299	106	234554	103.515	ug/l	100
69) o-Xylene	10.640	106	114440	50.341	ug/l	100
70) Styrene	10.653	104	191406	52.387	ug/l	100
71) Bromoform	10.799	173	44730	53.645	ug/l #	100
73) Isopropylbenzene	10.963	105	294694	51.167	ug/l	100
74) N-amyl acetate	10.842	43	140869	53.881	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	101089	50.945	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	81743m	51.421	ug/l	
77) Bromobenzene	11.195	156	66904	51.173	ug/l	100
78) n-propylbenzene	11.305	91	342399	51.546	ug/l	100
79) 2-Chlorotoluene	11.360	91	204484	50.154	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	241129	51.613	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	24135	41.172	ug/l	100
82) 4-Chlorotoluene	11.451	91	230493	51.072	ug/l	100
83) tert-Butylbenzene	11.713	119	240510	50.895	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	240719	52.326	ug/l	100
85) sec-Butylbenzene	11.890	105	300393	51.353	ug/l	100
86) p-Isopropyltoluene	12.006	119	244031	51.964	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	118879	49.747	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	120217	49.694	ug/l	100
89) n-Butylbenzene	12.329	91	214685	52.006	ug/l	100
90) Hexachloroethane	12.536	117	43086	49.188	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	118896	50.557	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20610	56.123	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	71897	50.571	ug/l	100
94) Hexachlorobutadiene	13.725	225	27916	49.245	ug/l	100
95) Naphthalene	13.774	128	278086	53.700	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	75482	52.406	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045071.D
Acq On : 28 Feb 2025 03:00
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

Quant Time: Feb 28 05:34:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

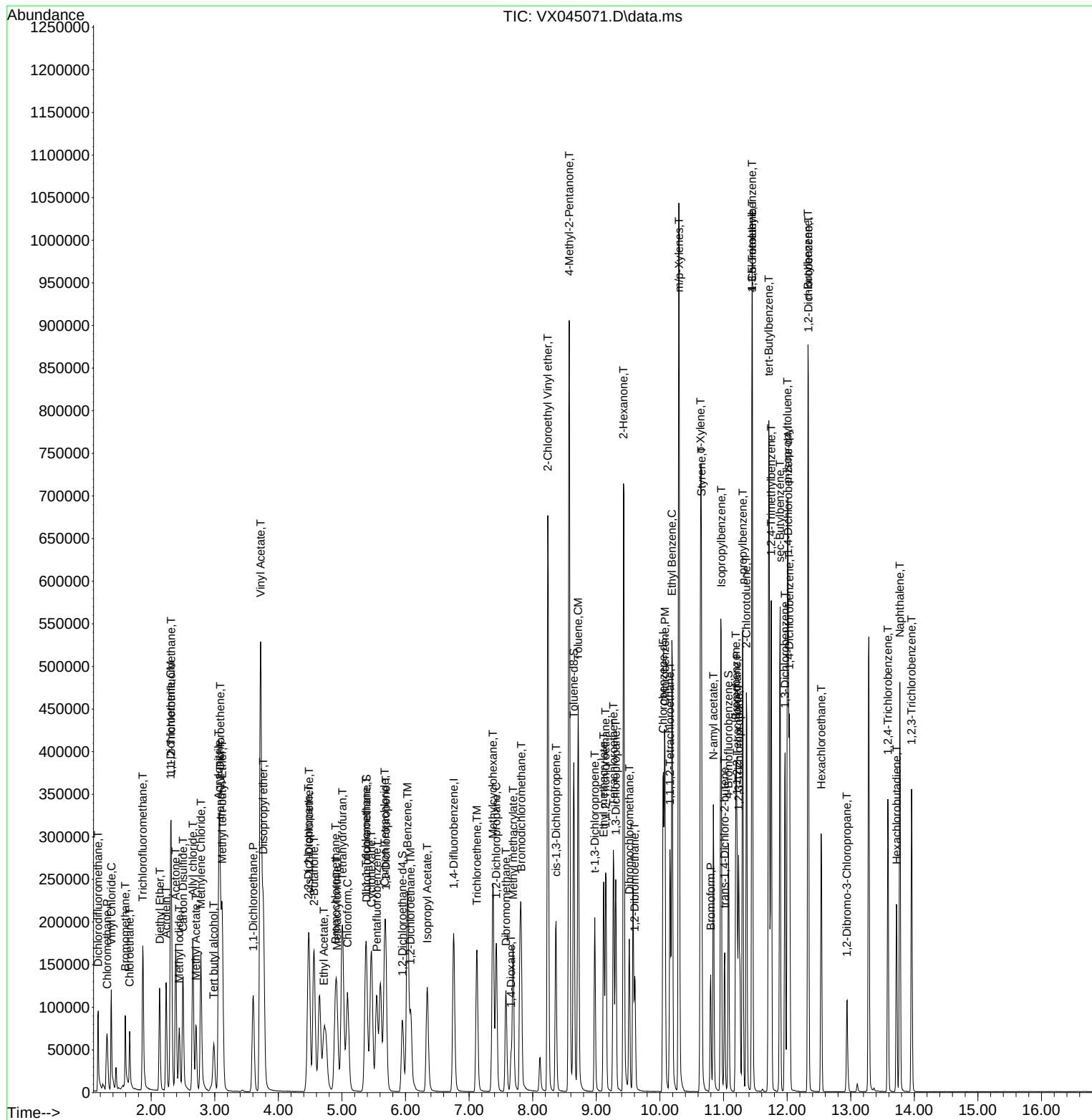
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

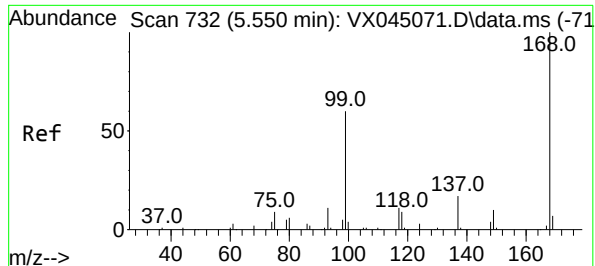
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025





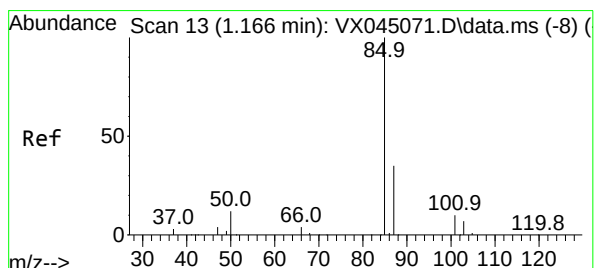
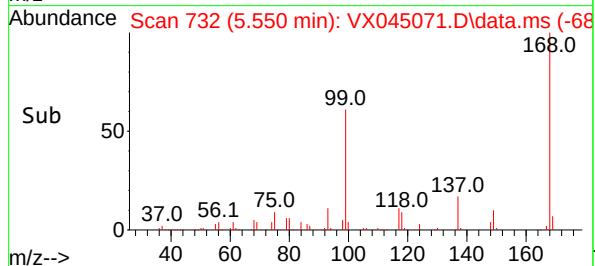
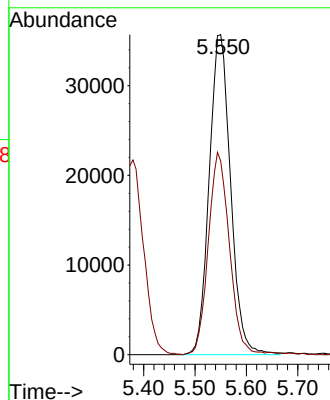
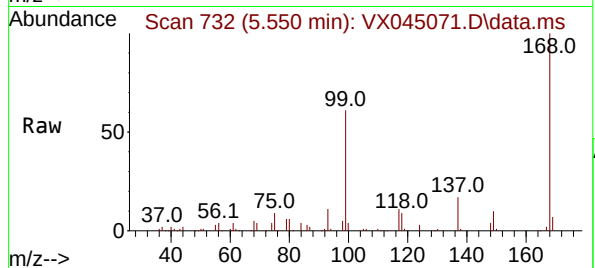
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:168 Resp: 103235
Ion Ratio Lower Upper
168 100
99 60.3 48.2 72.4

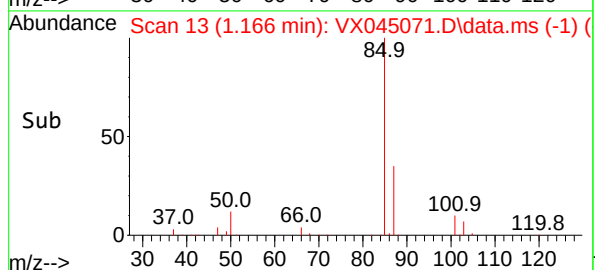
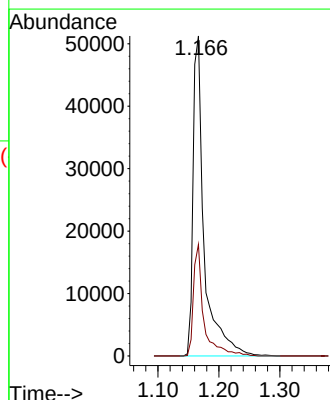
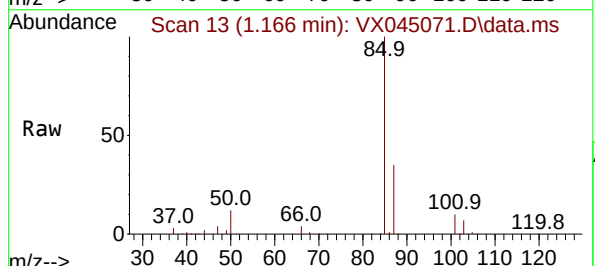
Manual Integrations
APPROVED

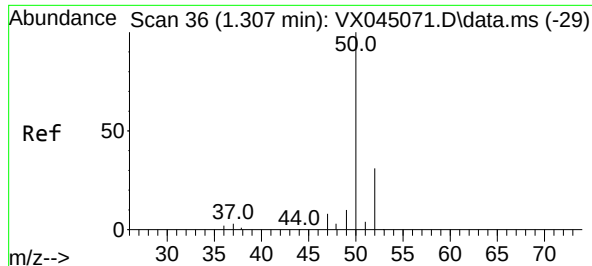
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#2
Dichlorodifluoromethane
Concen: 45.502 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 85 Resp: 64743
Ion Ratio Lower Upper
85 100
87 34.9 17.4 52.3





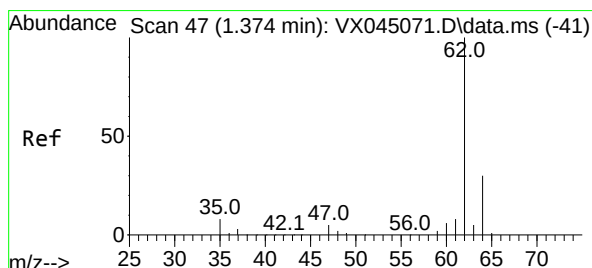
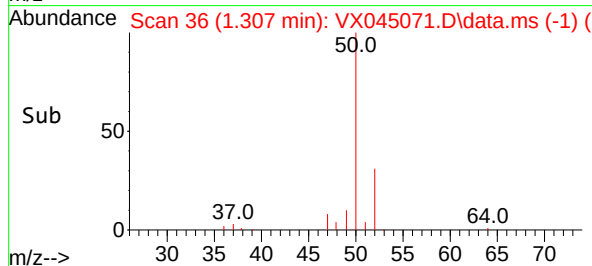
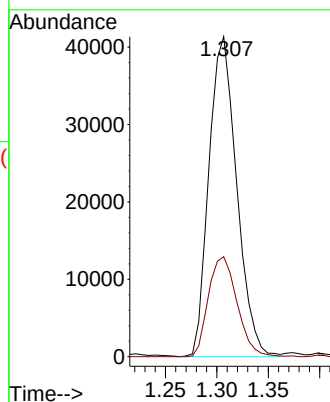
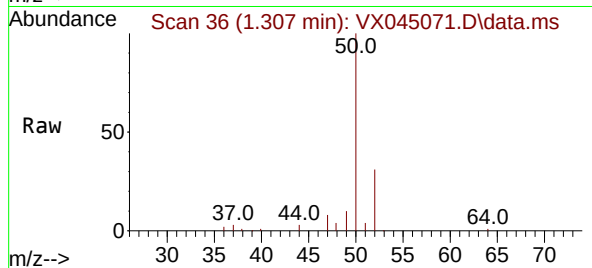
#3
Chloromethane
Concen: 44.894 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 50 Resp: 77729
Ion Ratio Lower Upper
50 100
52 31.2 25.0 37.4

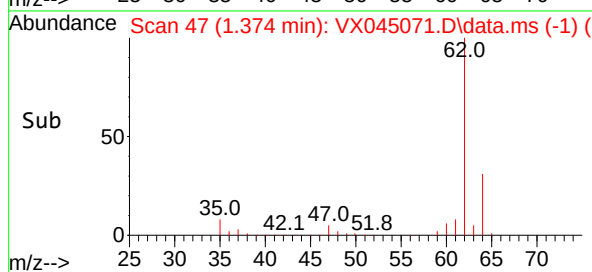
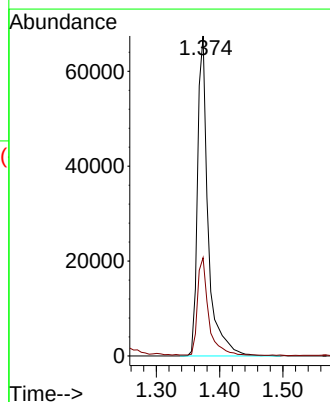
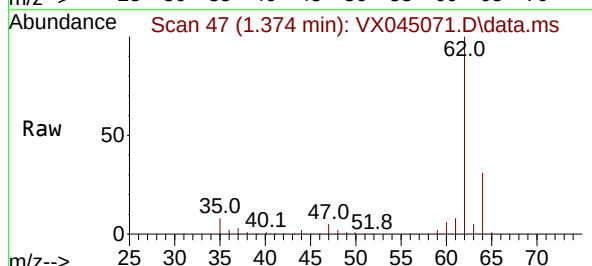
Manual Integrations
APPROVED

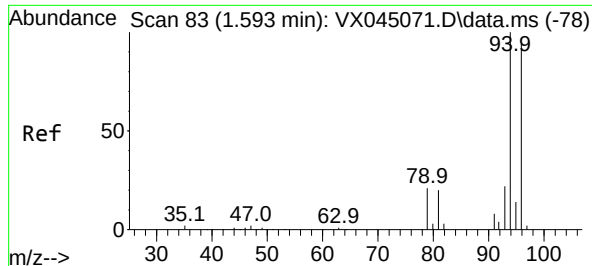
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#4
Vinyl Chloride
Concen: 46.434 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 62 Resp: 78524
Ion Ratio Lower Upper
62 100
64 30.4 24.3 36.5





#5

Bromomethane

Concen: 57.066 ug/l

RT: 1.593 min Scan# 83

Delta R.T. 0.000 min

Lab File: VX045071.D

Acq: 28 Feb 2025 03:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 94 Resp: 30169

Ion Ratio Lower Upper

94 100

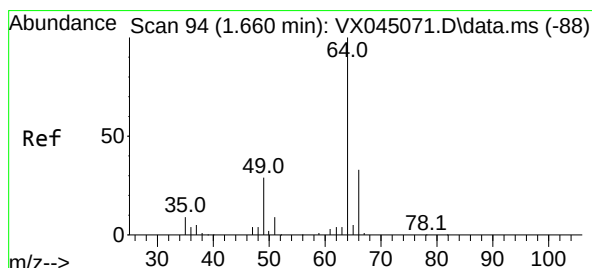
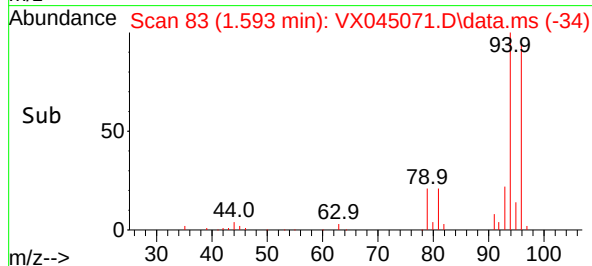
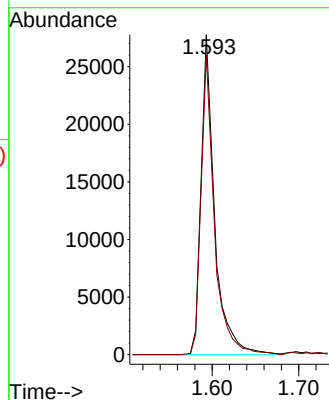
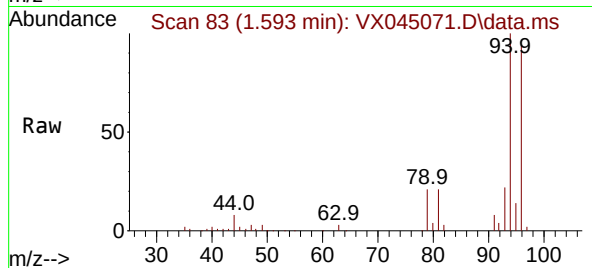
96 93.7 75.0 112.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#6

Chloroethane

Concen: 59.750 ug/l

RT: 1.660 min Scan# 94

Delta R.T. 0.000 min

Lab File: VX045071.D

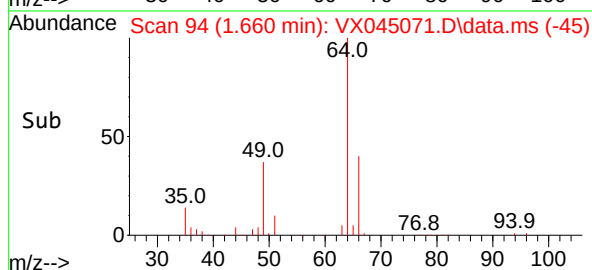
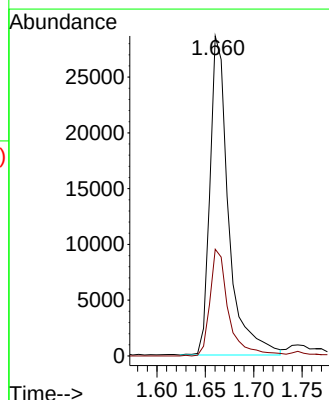
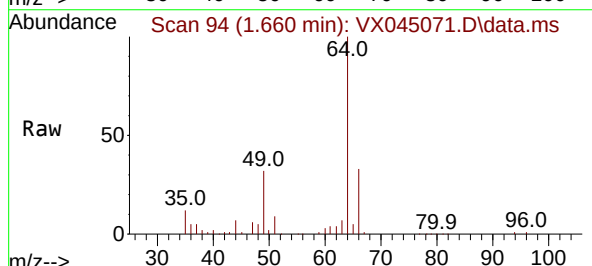
Acq: 28 Feb 2025 03:00

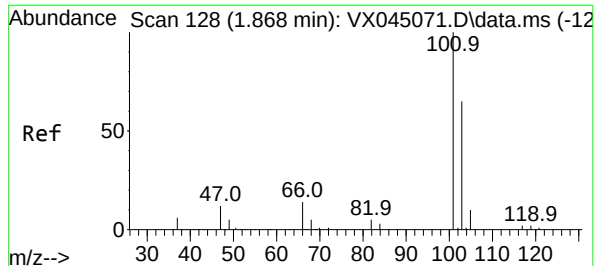
Tgt Ion: 64 Resp: 38461

Ion Ratio Lower Upper

64 100

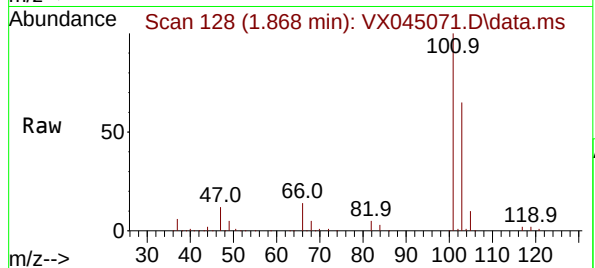
66 33.4 26.7 40.1





#7
Trichlorofluoromethane
Concen: 50.047 ug/l
RT: 1.868 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

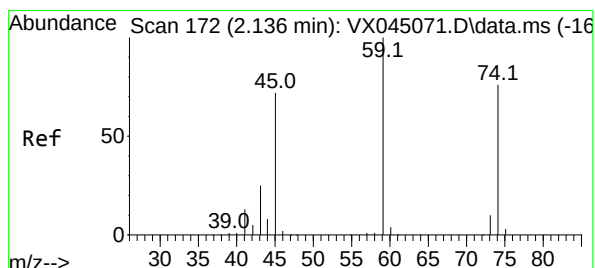
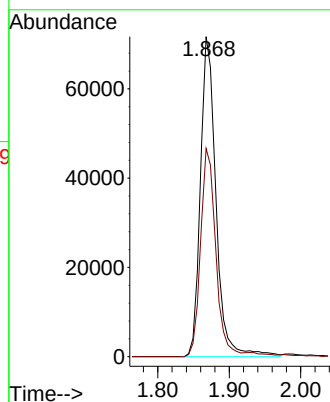
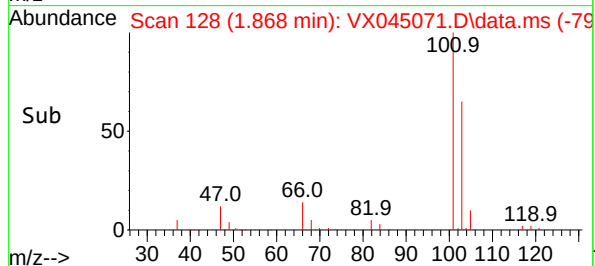
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:101 Resp: 10841
Ion Ratio Lower Upper
101 100
103 65.1 52.1 78.1

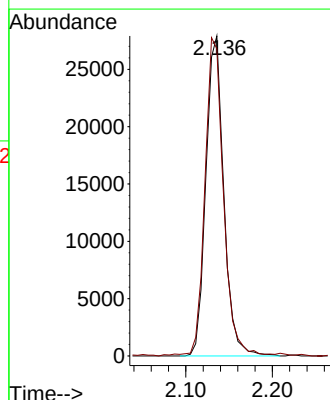
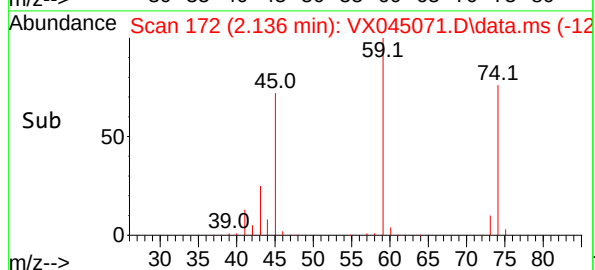
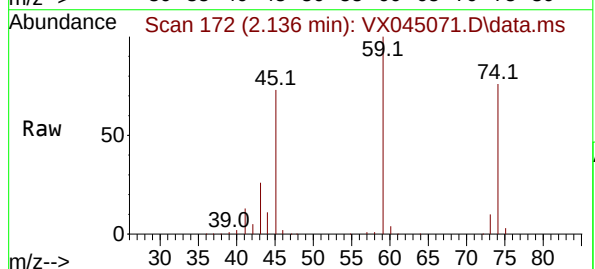
Manual Integrations
APPROVED

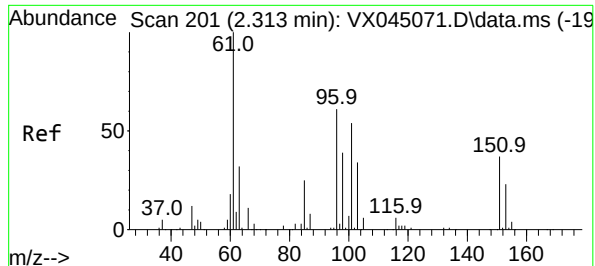
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#8
Diethyl Ether
Concen: 50.814 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 74 Resp: 40001
Ion Ratio Lower Upper
74 100
45 103.0 51.5 154.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.399 ug/l

RT: 2.313 min Scan# 201

Delta R.T. 0.000 min

Lab File: VX045071.D

Acq: 28 Feb 2025 03:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

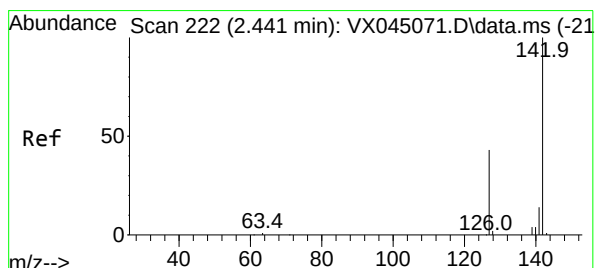
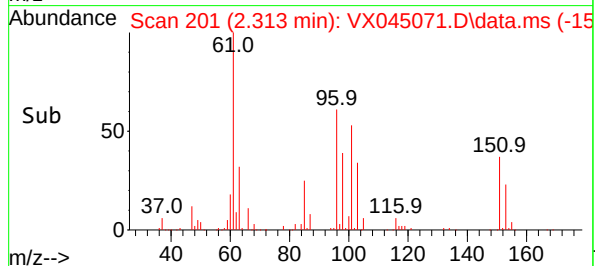
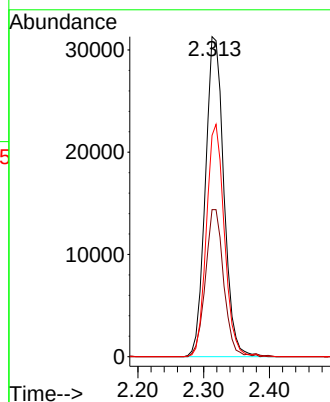
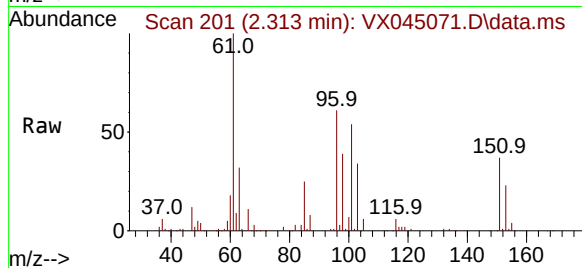
Tgt Ion:101	Resp:	6131
Ion	Ratio	Lower Upper
101	100	
85	45.3	36.2 54.4
151	70.5	56.4 84.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#10

Methyl Iodide

Concen: 47.854 ug/l

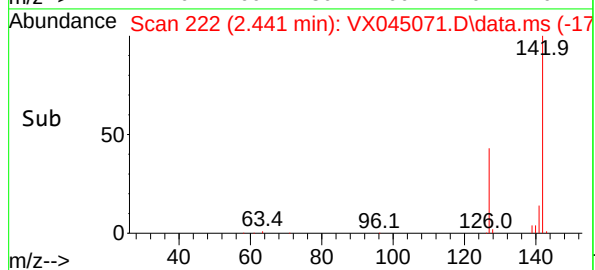
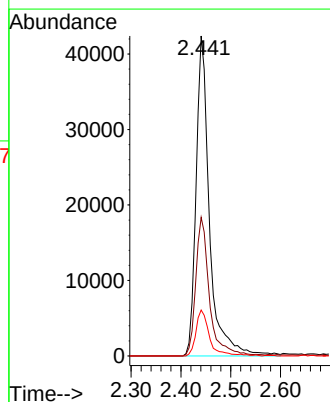
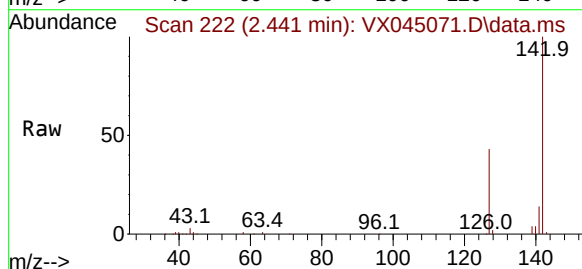
RT: 2.441 min Scan# 222

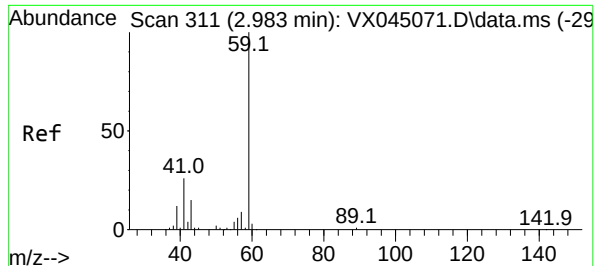
Delta R.T. 0.000 min

Lab File: VX045071.D

Acq: 28 Feb 2025 03:00

Tgt Ion:142	Resp:	79357
Ion	Ratio	Lower Upper
142	100	
127	44.3	35.4 53.2
141	14.5	11.6 17.4





#11

Tert butyl alcohol

Concen: 247.496 ug/l

RT: 2.983 min Scan# 311

Delta R.T. 0.000 min

Lab File: VX045071.D

Acq: 28 Feb 2025 03:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 59 Resp: 69139

Ion Ratio Lower Upper

59 100

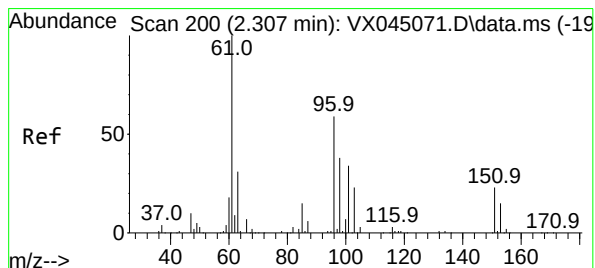
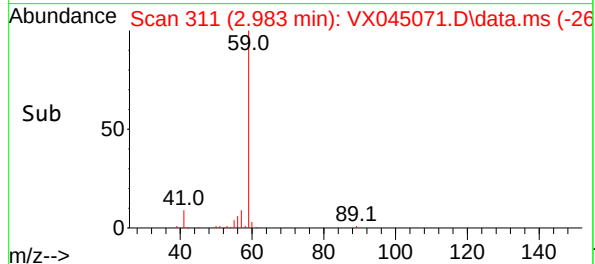
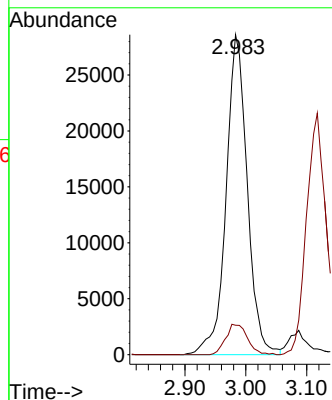
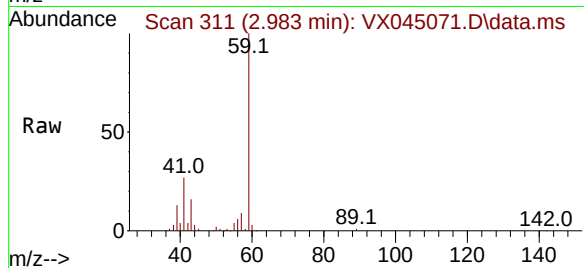
57 9.8 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#12

1,1-Dichloroethene

Concen: 48.434 ug/l

RT: 2.307 min Scan# 200

Delta R.T. 0.000 min

Lab File: VX045071.D

Acq: 28 Feb 2025 03:00

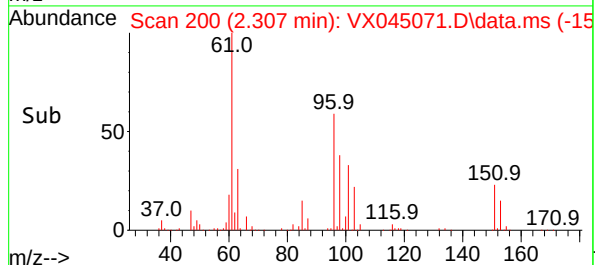
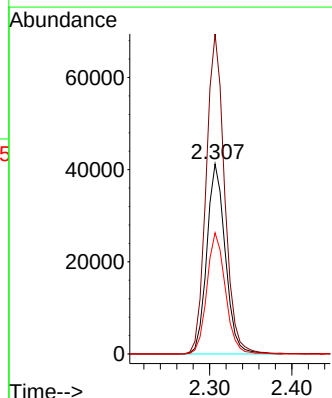
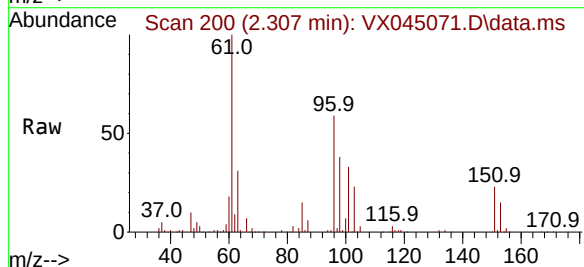
Tgt Ion: 96 Resp: 64327

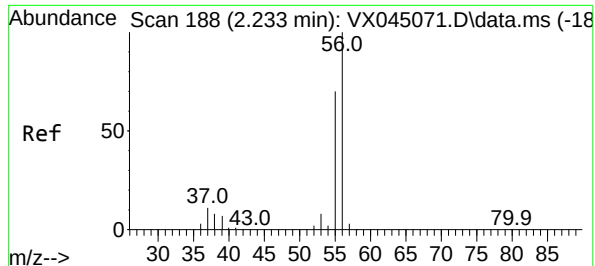
Ion Ratio Lower Upper

96 100

61 168.3 134.6 202.0

98 63.8 51.0 76.6





#13

Acrolein

Concen: 296.189 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX045071.D

Acq: 28 Feb 2025 03:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 56 Resp: 8960

Ion Ratio Lower Upper

56 100

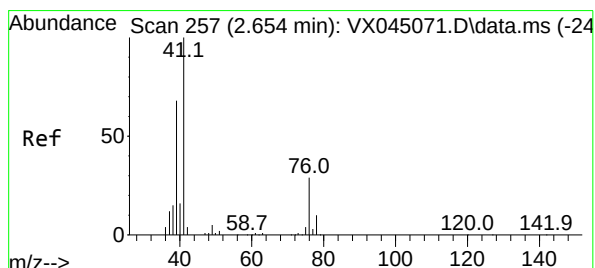
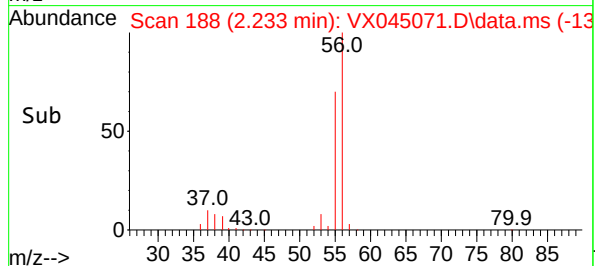
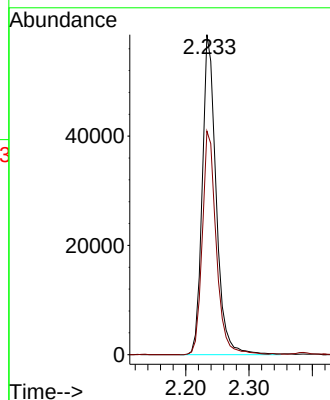
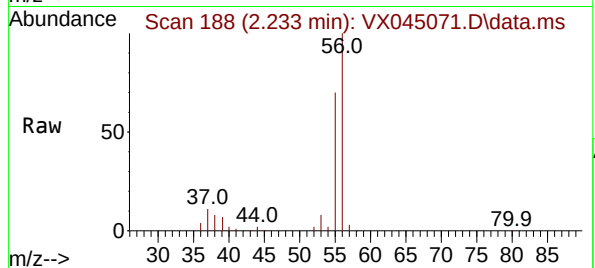
55 70.3 56.2 84.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#14

Allyl chloride

Concen: 47.875 ug/l

RT: 2.654 min Scan# 257

Delta R.T. 0.000 min

Lab File: VX045071.D

Acq: 28 Feb 2025 03:00

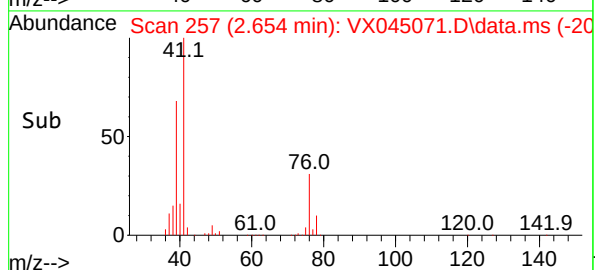
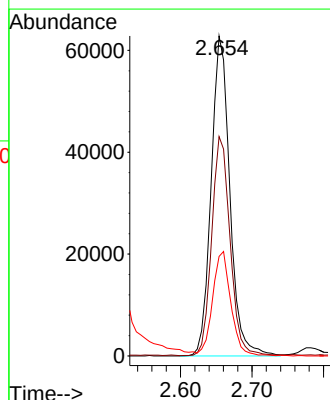
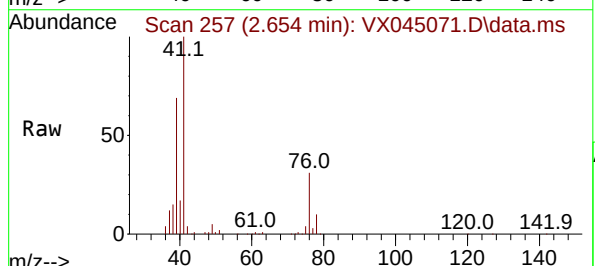
Tgt Ion: 41 Resp: 114313

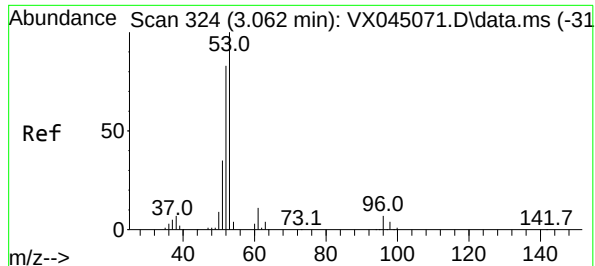
Ion Ratio Lower Upper

41 100

39 67.3 53.8 80.8

76 31.5 25.2 37.8





#15

Acrylonitrile

Concen: 278.519 ug/l

RT: 3.062 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX045071.D

Acq: 28 Feb 2025 03:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 53 Resp: 21145

Ion Ratio Lower Upper

53 100

52 82.7 66.2 99.2

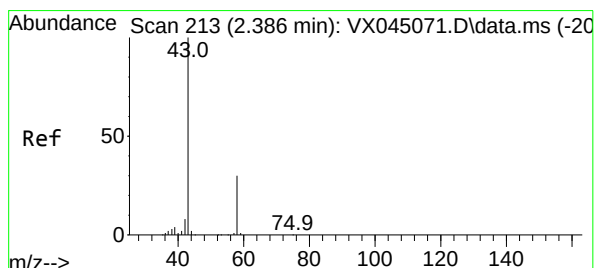
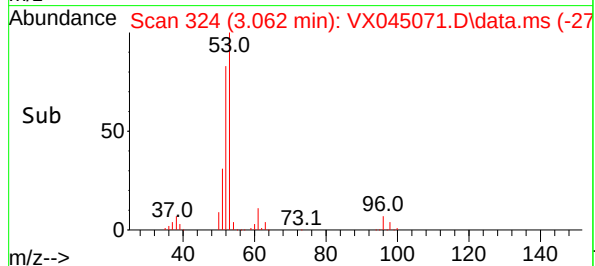
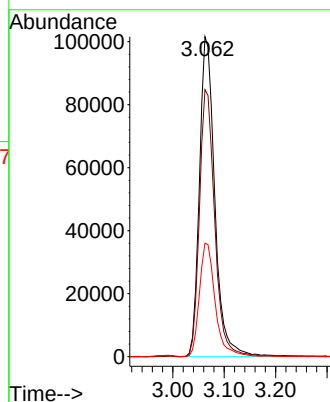
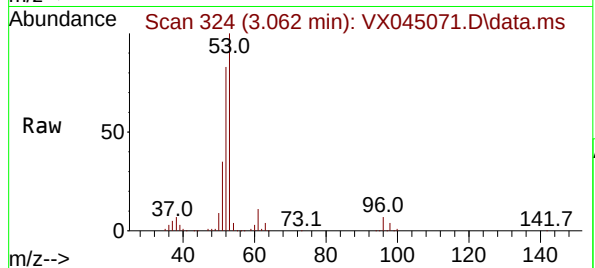
51 36.2 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#16

Acetone

Concen: 289.130 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX045071.D

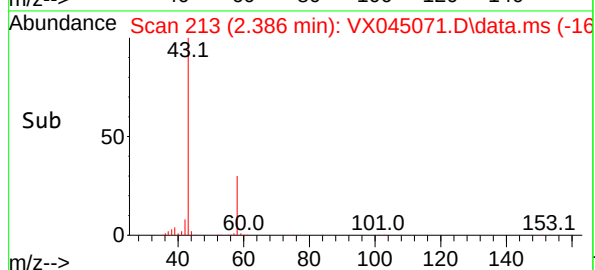
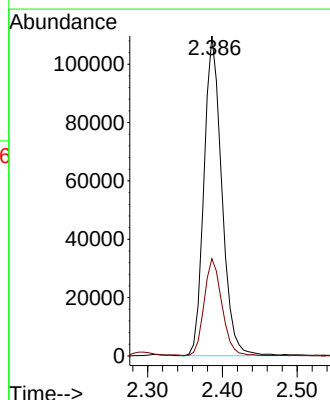
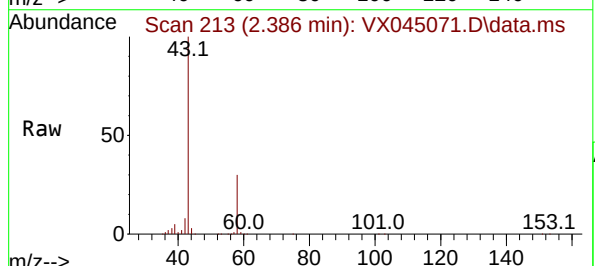
Acq: 28 Feb 2025 03:00

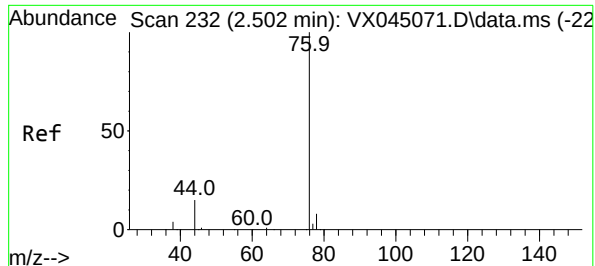
Tgt Ion: 43 Resp: 181429

Ion Ratio Lower Upper

43 100

58 30.3 24.2 36.4





#17

Carbon Disulfide

Concen: 47.419 ug/l

RT: 2.502 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX045071.D

Acq: 28 Feb 2025 03:00

Tgt Ion: 76 Resp: 17135

Ion Ratio Lower Upper

76 100

78 8.2 6.6 9.8

Instrument :

MSVOA_X

ClientSampleId :

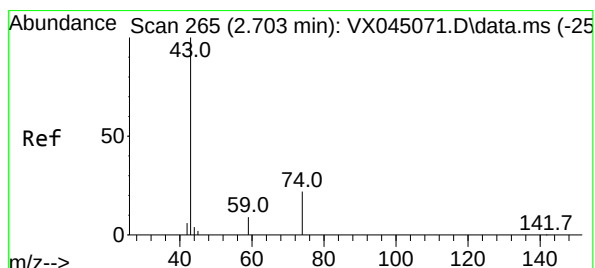
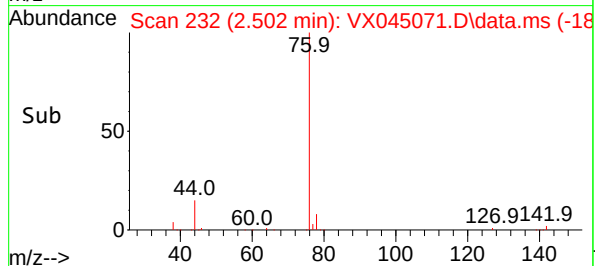
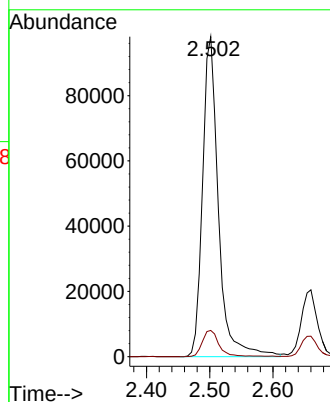
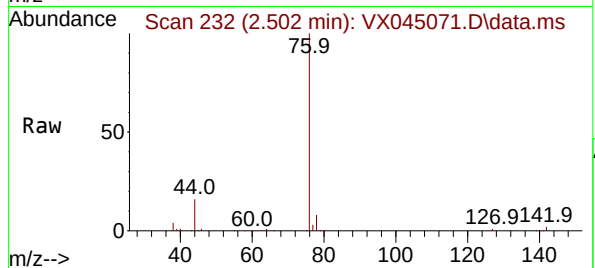
VSTDICCC050

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#18

Methyl Acetate

Concen: 47.359 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX045071.D

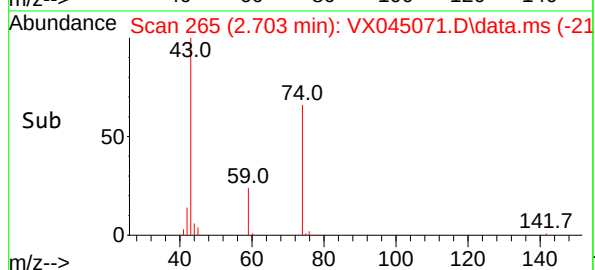
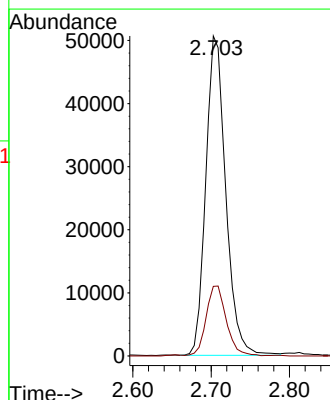
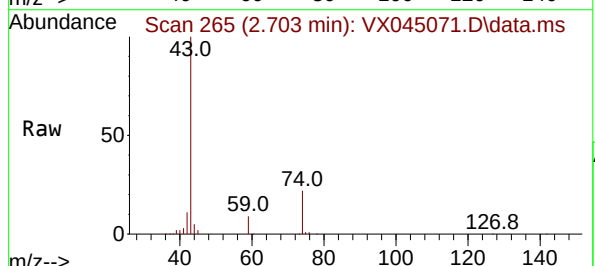
Acq: 28 Feb 2025 03:00

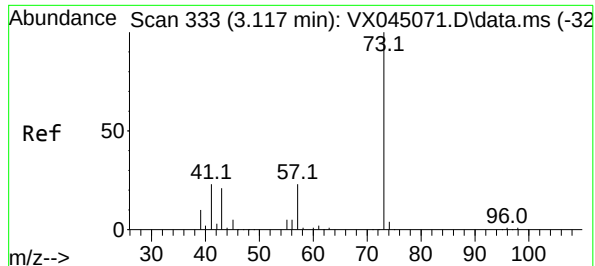
Tgt Ion: 43 Resp: 89508

Ion Ratio Lower Upper

43 100

74 21.8 17.4 26.2





#19

Methyl tert-butyl Ether

Concen: 50.642 ug/l

RT: 3.117 min Scan# 311

Delta R.T. 0.000 min

Lab File: VX045071.D

Acq: 28 Feb 2025 03:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 73 Resp: 21504

Ion Ratio Lower Upper

73 100

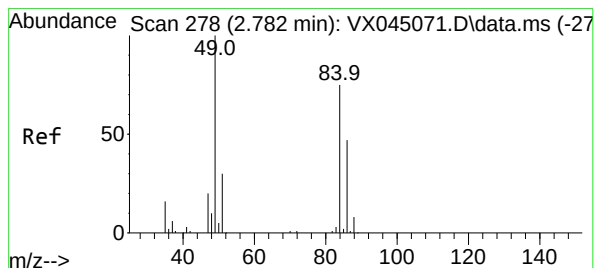
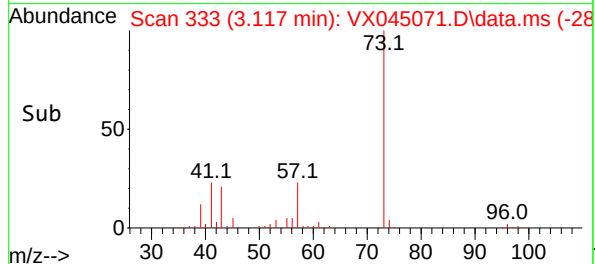
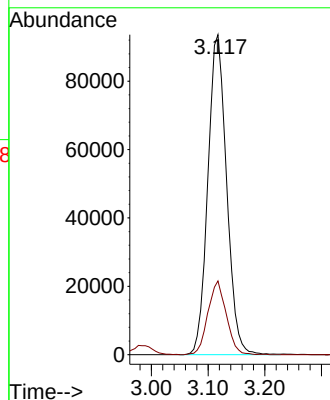
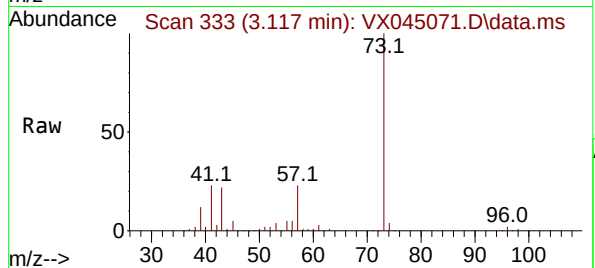
57 23.1 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#20

Methylene Chloride

Concen: 48.500 ug/l

RT: 2.782 min Scan# 278

Delta R.T. 0.000 min

Lab File: VX045071.D

Acq: 28 Feb 2025 03:00

Tgt Ion: 84 Resp: 72081

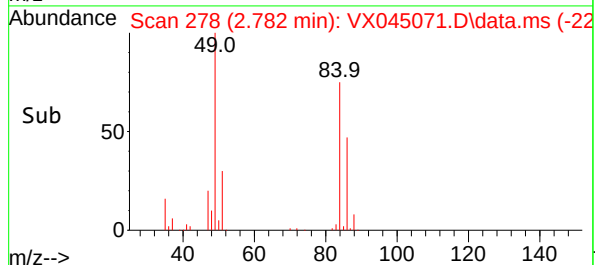
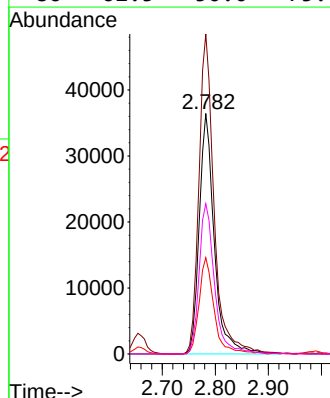
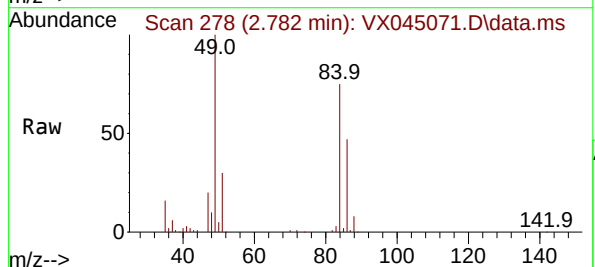
Ion Ratio Lower Upper

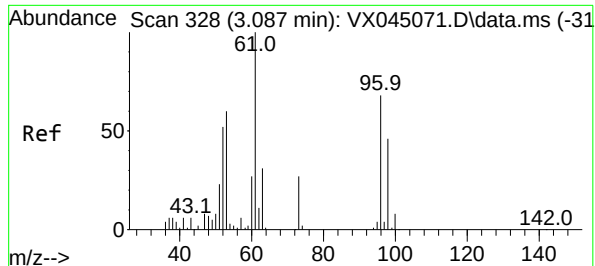
84 100

49 133.1 106.5 159.7

51 40.1 32.1 48.1

86 62.5 50.0 75.0





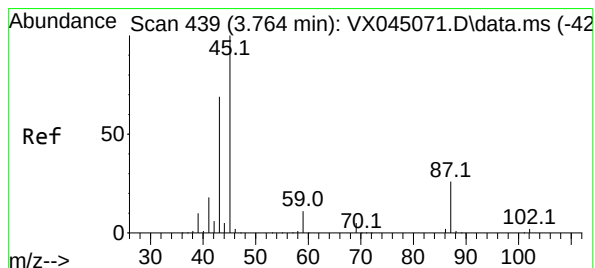
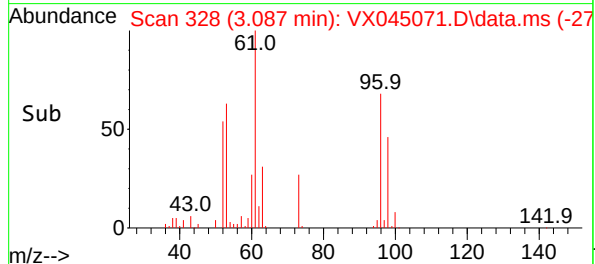
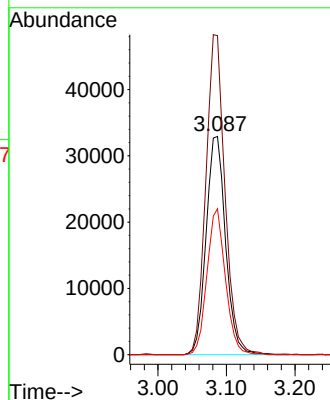
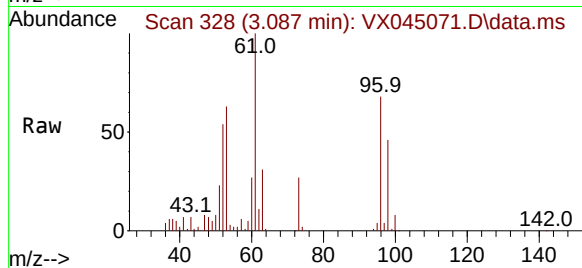
#21
trans-1,2-Dichloroethene
Concen: 49.832 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 6509
Ion Ratio Lower Upper
96 100
61 146.2 117.0 175.4
98 66.8 53.4 80.2

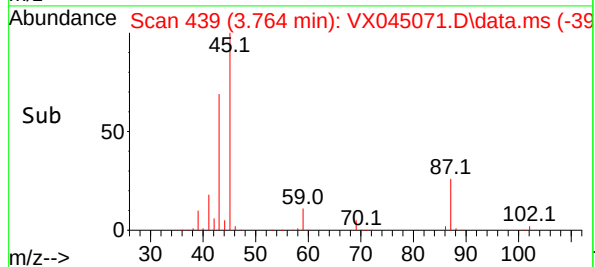
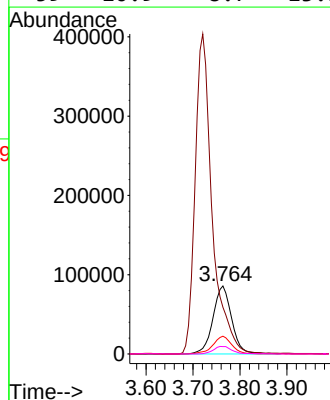
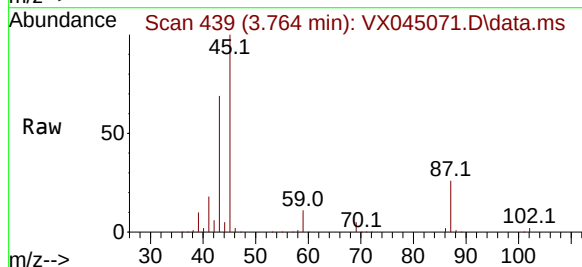
Manual Integrations
APPROVED

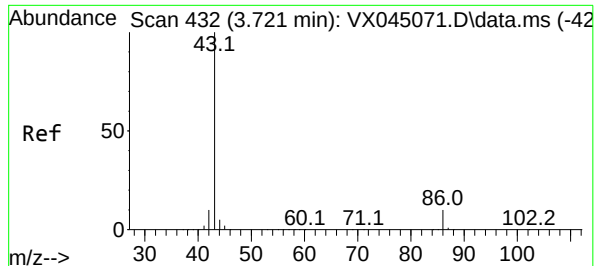
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#22
Diisopropyl ether
Concen: 51.816 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 45 Resp: 236563
Ion Ratio Lower Upper
45 100
43 68.6 54.9 82.3
87 26.2 21.0 31.4
59 10.9 8.7 13.1





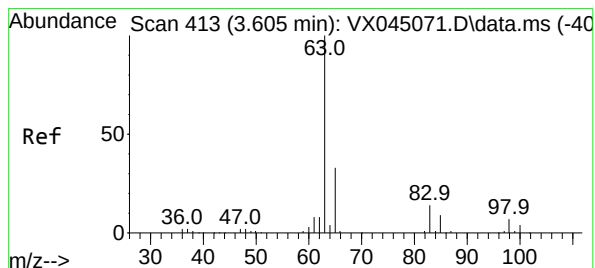
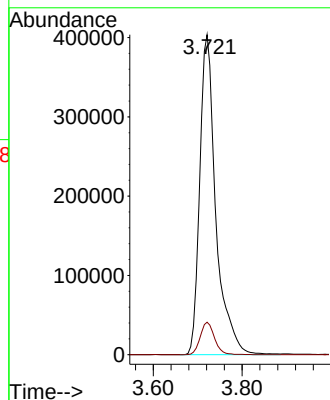
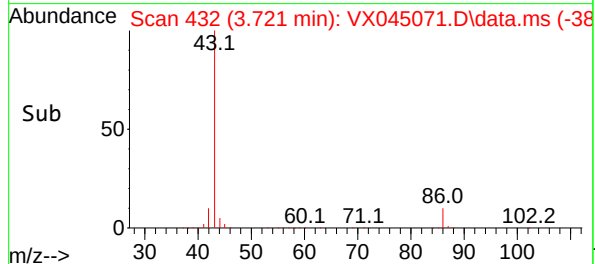
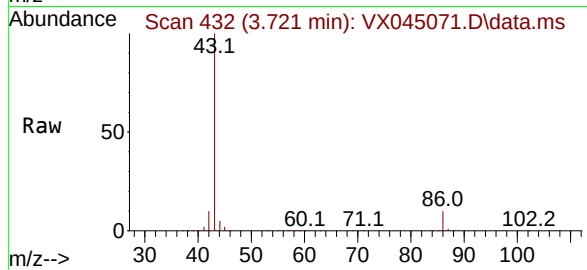
#23
Vinyl Acetate
Concen: 271.773 ug/l
RT: 3.721 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 101863
Ion Ratio Lower Upper
43 100
86 10.1 8.1 12.1

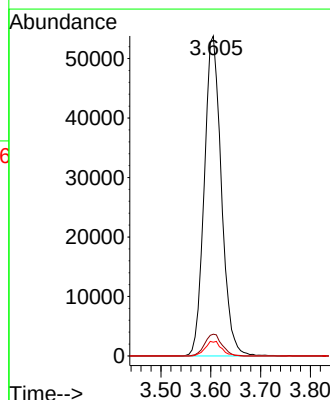
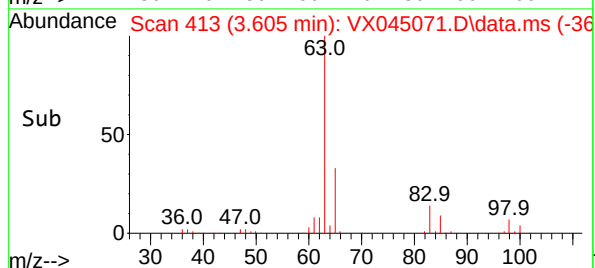
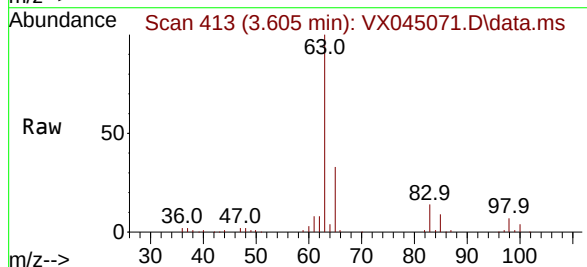
Manual Integrations
APPROVED

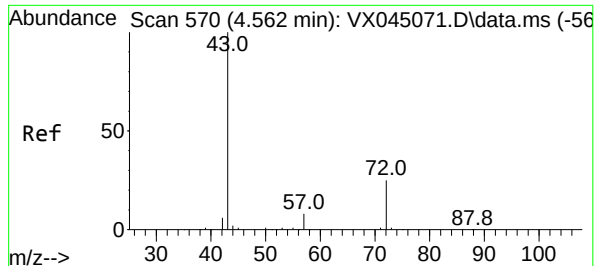
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#24
1,1-Dichloroethane
Concen: 50.270 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 63 Resp: 128235
Ion Ratio Lower Upper
63 100
98 6.8 3.4 10.2
100 4.3 2.1 6.5





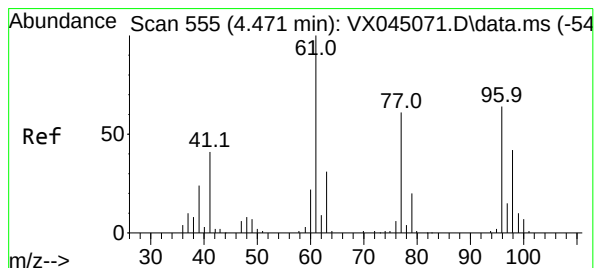
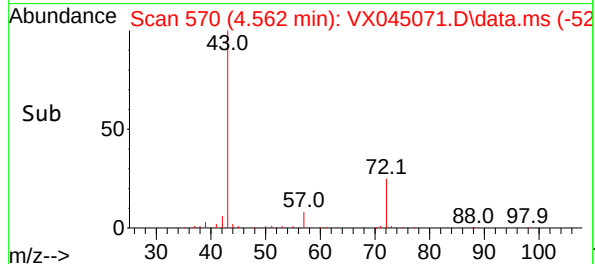
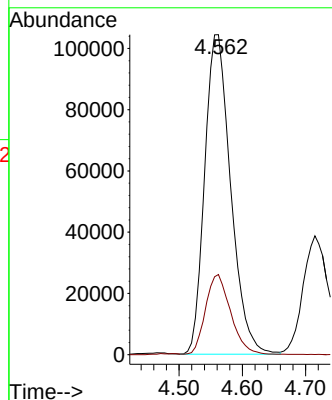
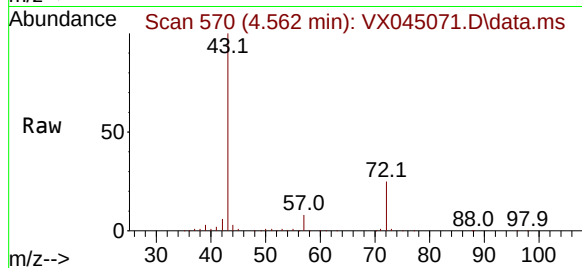
#25
2-Butanone
Concen: 295.330 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 29878
Ion Ratio Lower Upper
43 100
72 25.0 20.0 30.0

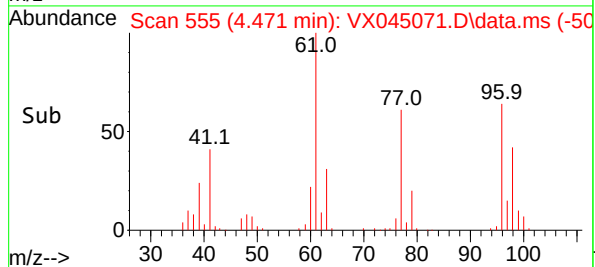
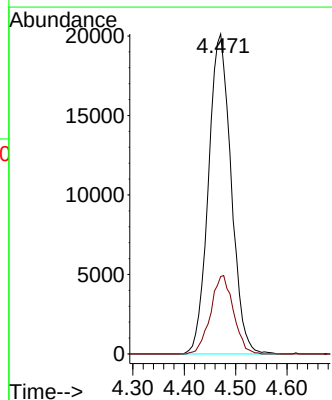
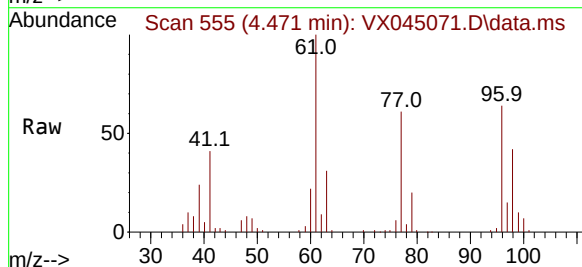
Manual Integrations
APPROVED

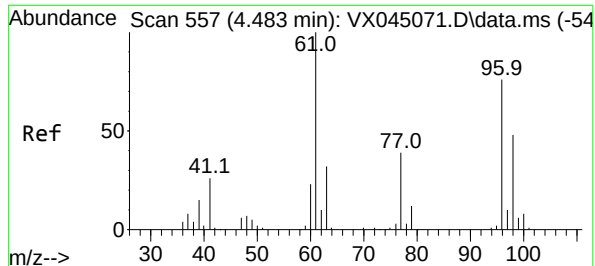
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#26
2,2-Dichloropropane
Concen: 32.498 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 77 Resp: 61631
Ion Ratio Lower Upper
77 100
97 24.7 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 49.955 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX045071.D

Acq: 28 Feb 2025 03:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

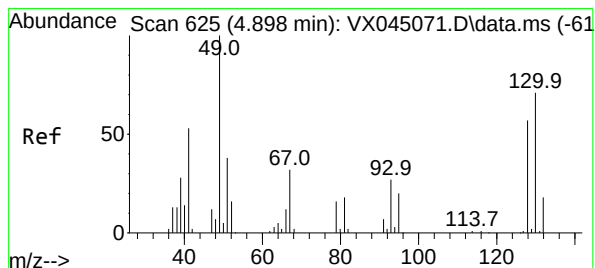
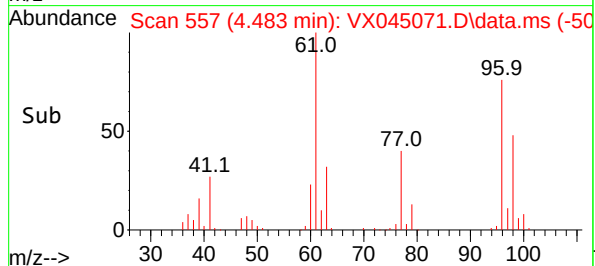
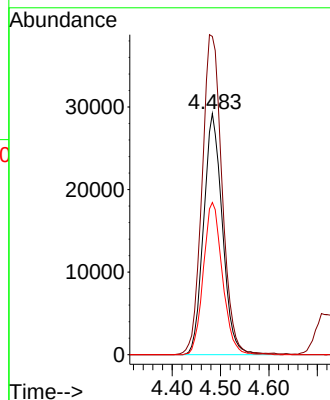
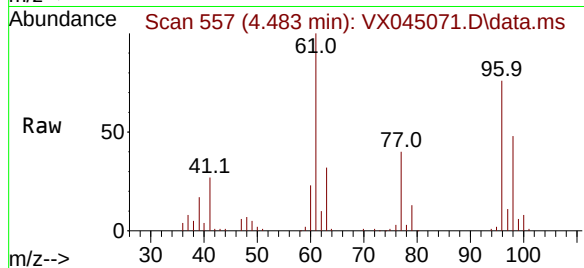
Tgt Ion:	96	Resp:	7865
Ion	Ratio	Lower	Upper
96	100		
61	141.6	0.0	283.2
98	64.0	0.0	128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#28

Bromochloromethane

Concen: 50.643 ug/l

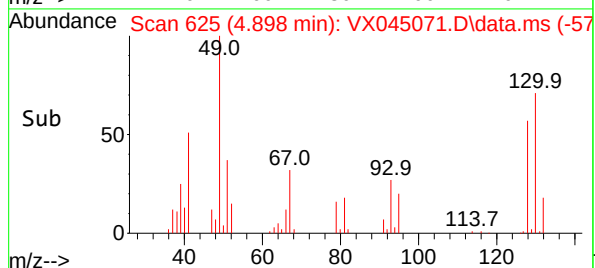
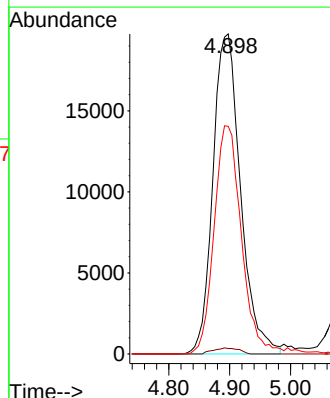
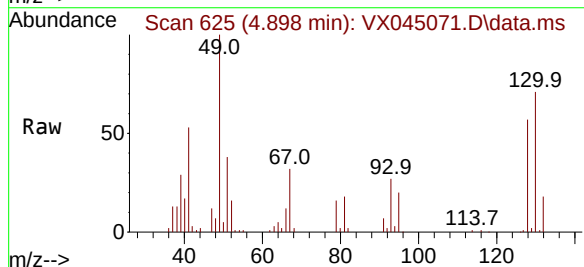
RT: 4.898 min Scan# 625

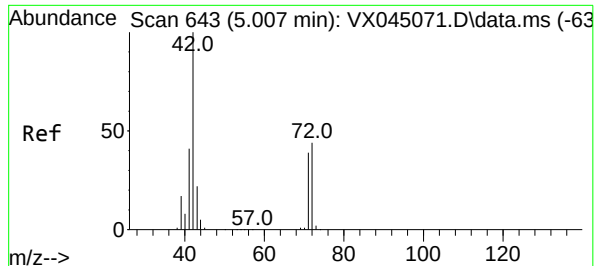
Delta R.T. 0.000 min

Lab File: VX045071.D

Acq: 28 Feb 2025 03:00

Tgt Ion:	49	Resp:	62299
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.4
130	70.1	56.1	84.1





#29

Tetrahydrofuran

Concen: 287.345 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX045071.D

Acq: 28 Feb 2025 03:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 19260

Ion Ratio Lower Upper

42 100

72 42.6 34.1 51.1

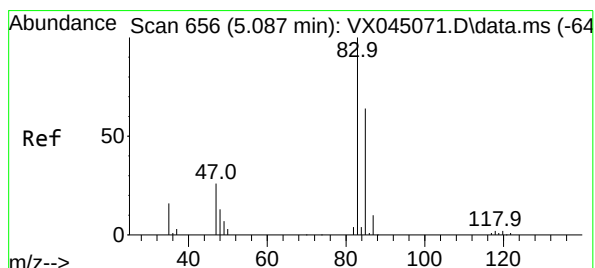
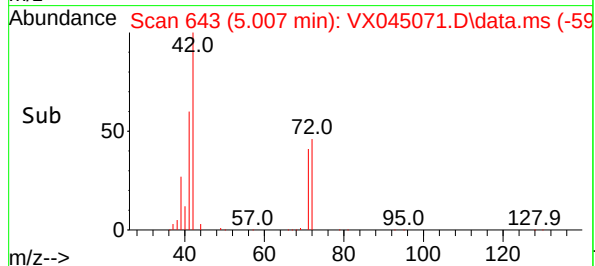
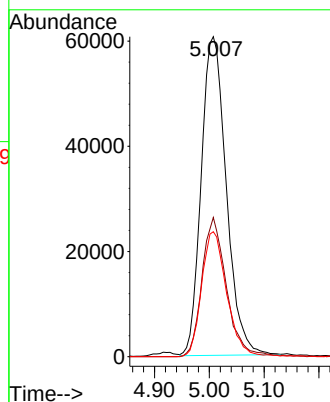
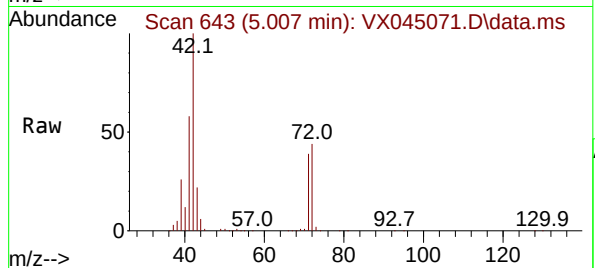
71 39.2 31.4 47.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#30

Chloroform

Concen: 51.532 ug/l

RT: 5.087 min Scan# 656

Delta R.T. 0.000 min

Lab File: VX045071.D

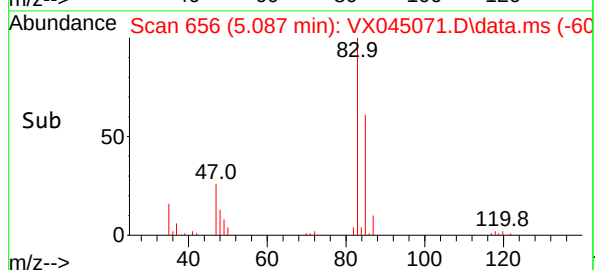
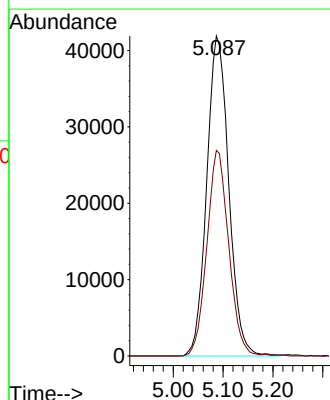
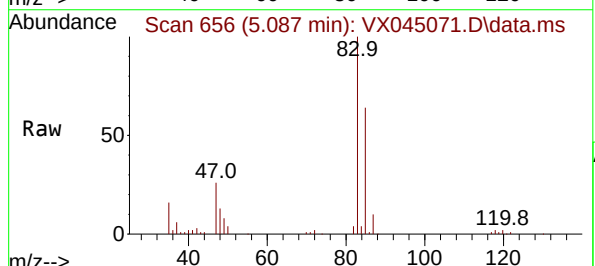
Acq: 28 Feb 2025 03:00

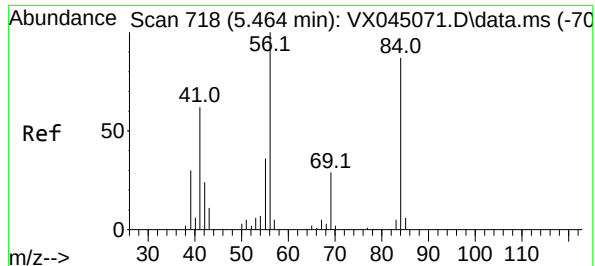
Tgt Ion: 83 Resp: 128581

Ion Ratio Lower Upper

83 100

85 64.3 51.4 77.2





#31

Cyclohexane

Concen: 48.836 ug/l

RT: 5.464 min Scan# 718

Delta R.T. 0.000 min

Lab File: VX045071.D

Acq: 28 Feb 2025 03:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 56 Resp: 11433

Ion Ratio Lower Upper

56 100

69 29.3 23.4 35.2

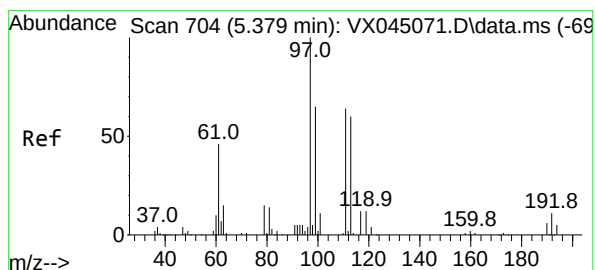
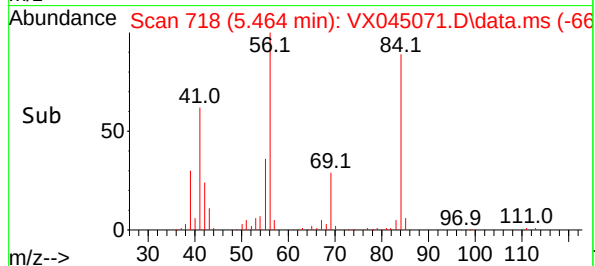
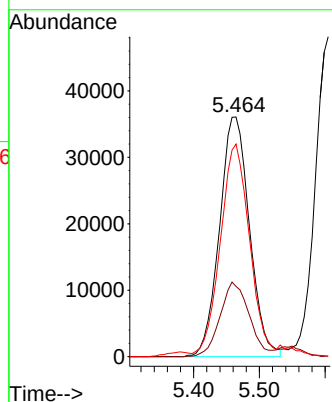
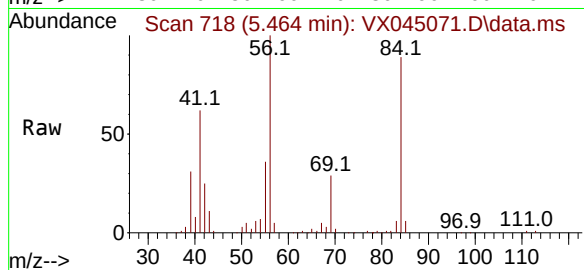
84 86.8 69.4 104.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#32

1,1,1-Trichloroethane

Concen: 50.306 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX045071.D

Acq: 28 Feb 2025 03:00

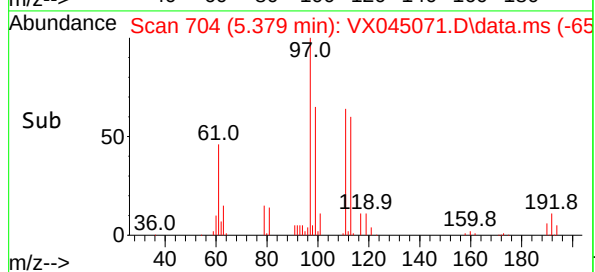
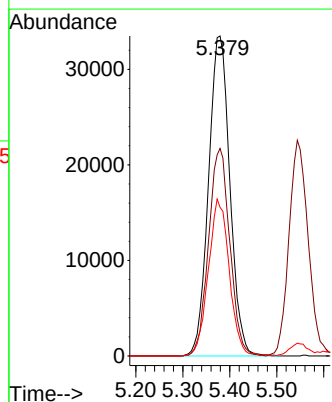
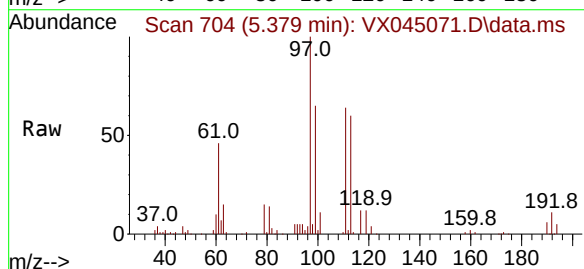
Tgt Ion: 97 Resp: 105671

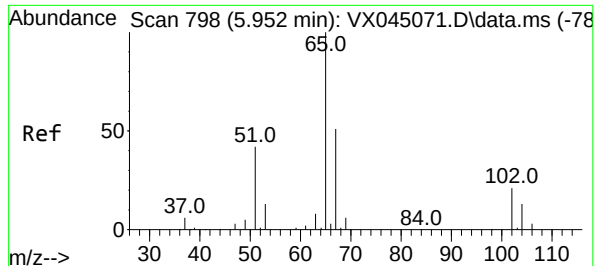
Ion Ratio Lower Upper

97 100

99 64.5 51.6 77.4

61 48.0 38.4 57.6





#33

1,2-Dichloroethane-d4

Concen: 51.250 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045071.D

Acq: 28 Feb 2025 03:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 78159

Ion Ratio Lower Upper

65 100

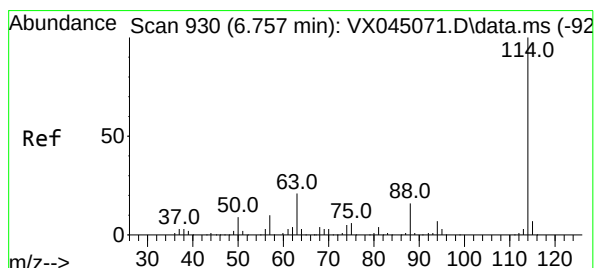
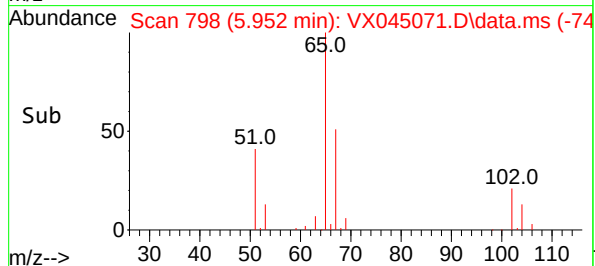
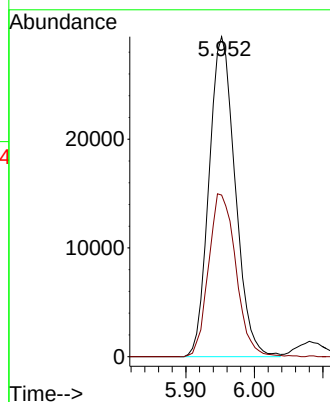
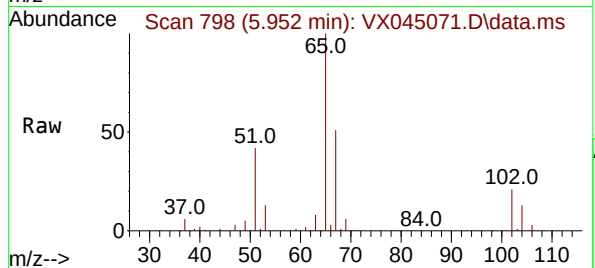
67 53.1 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045071.D

Acq: 28 Feb 2025 03:00

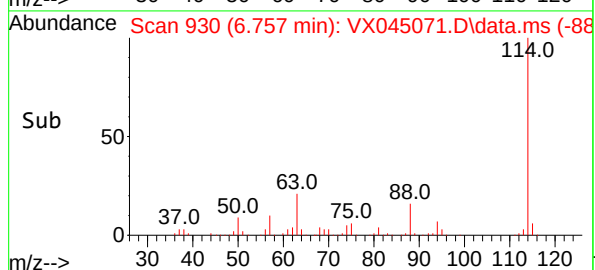
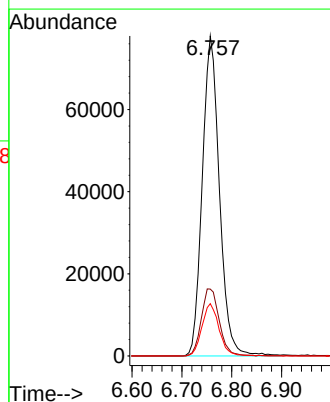
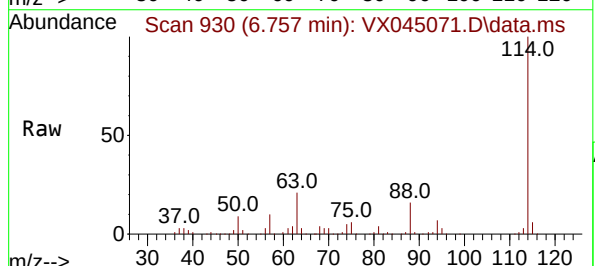
Tgt Ion:114 Resp: 186358

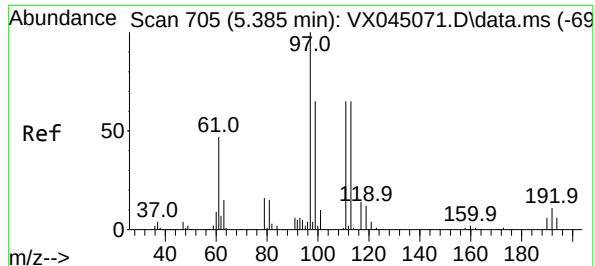
Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.8

88 16.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.346 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX045071.D

Acq: 28 Feb 2025 03:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:113 Resp: 6132

Ion Ratio Lower Upper

113 100

111 102.2 81.8 122.6

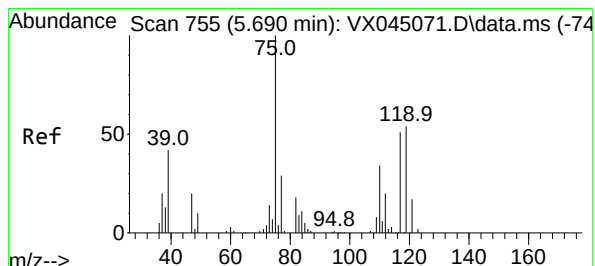
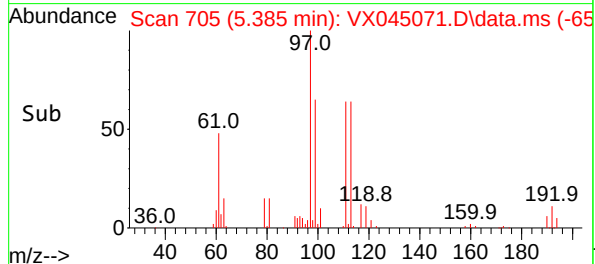
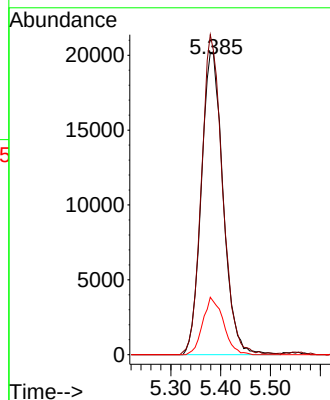
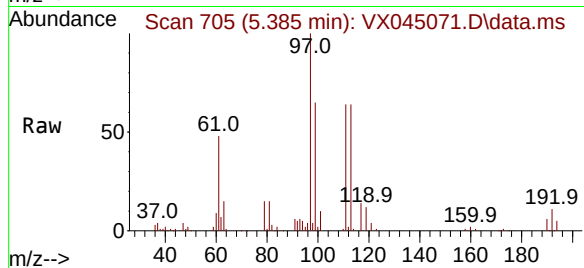
192 17.9 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#36

1,1-Dichloropropene

Concen: 49.861 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX045071.D

Acq: 28 Feb 2025 03:00

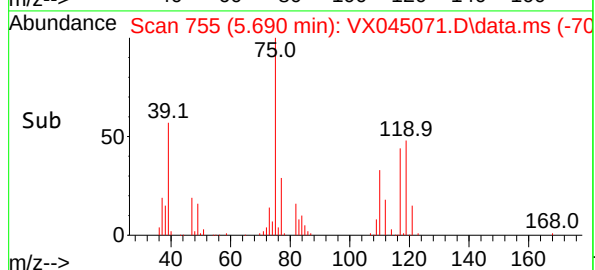
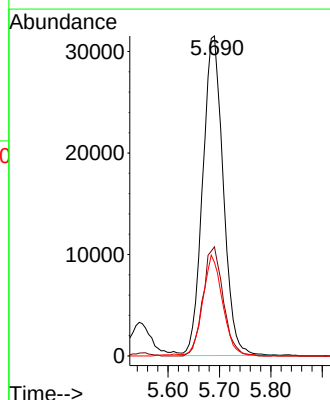
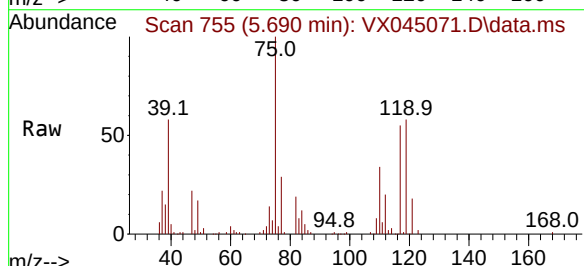
Tgt Ion: 75 Resp: 87338

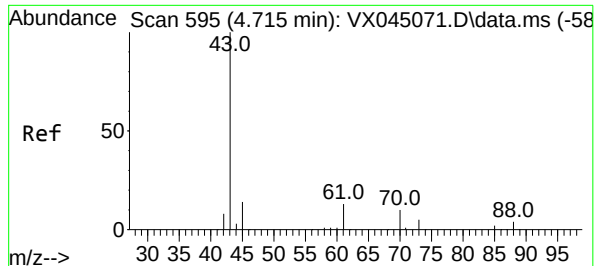
Ion Ratio Lower Upper

75 100

110 33.7 16.9 50.6

77 30.6 24.5 36.7





#37

Ethyl Acetate

Concen: 56.641 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX045071.D

Acq: 28 Feb 2025 03:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 112892

Ion Ratio Lower Upper

43 100

61 13.5 10.8 16.2

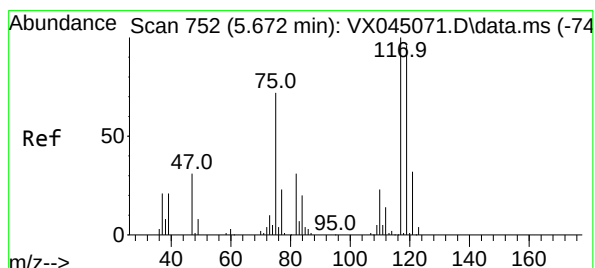
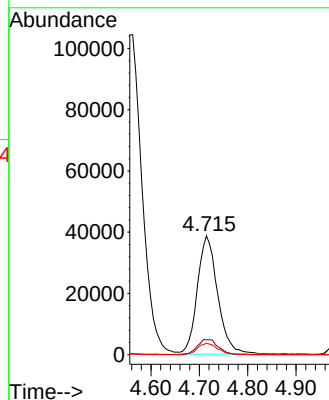
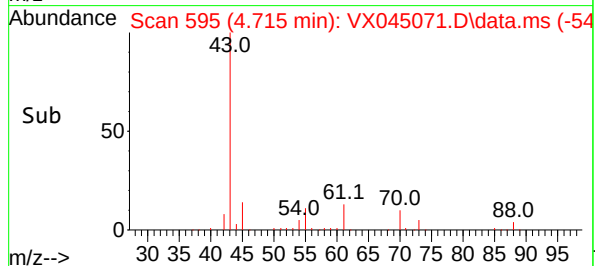
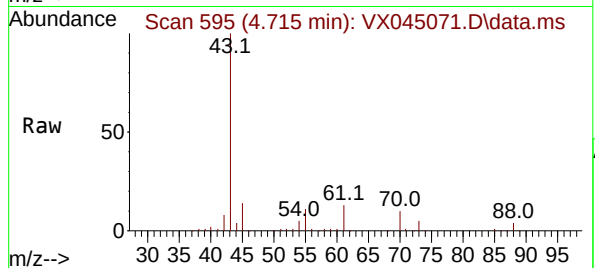
70 9.6 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#38

Carbon Tetrachloride

Concen: 50.593 ug/l

RT: 5.672 min Scan# 752

Delta R.T. 0.000 min

Lab File: VX045071.D

Acq: 28 Feb 2025 03:00

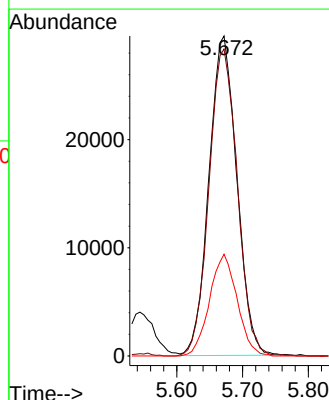
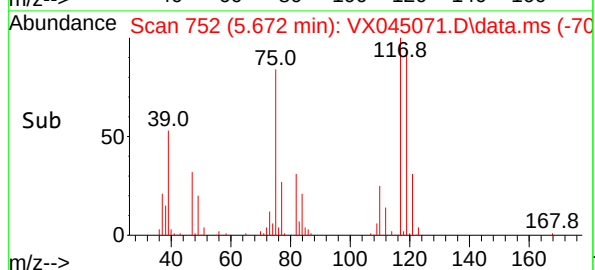
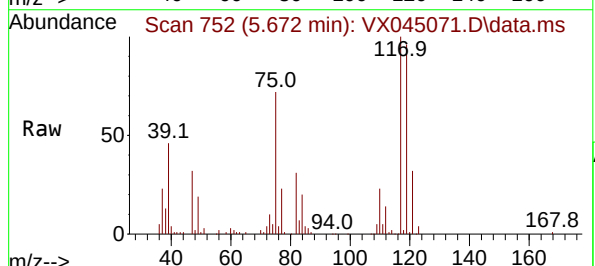
Tgt Ion:117 Resp: 87123

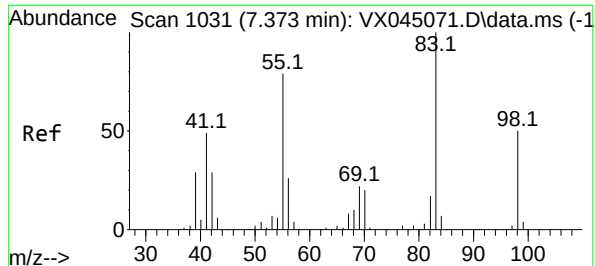
Ion Ratio Lower Upper

117 100

119 95.9 76.7 115.1

121 31.9 25.5 38.3





#39

Methylcyclohexane

Concen: 48.715 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX045071.D

Acq: 28 Feb 2025 03:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 108974

Ion Ratio Lower Upper

83 100

55 78.7 63.0 94.4

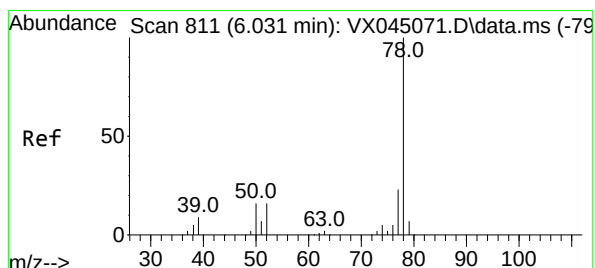
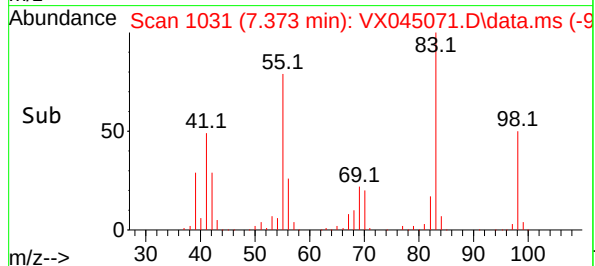
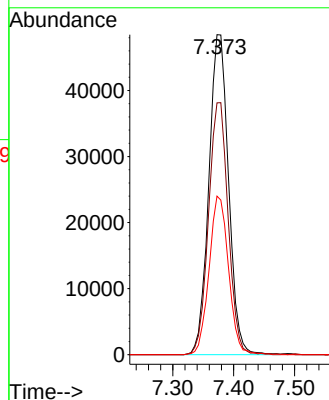
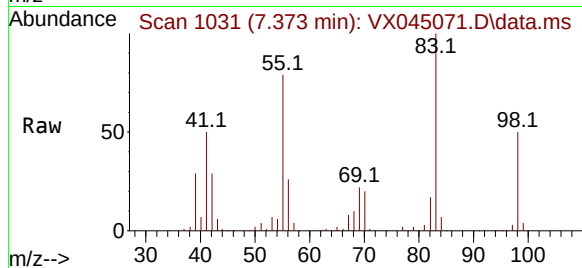
98 49.6 39.7 59.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#40

Benzene

Concen: 50.925 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX045071.D

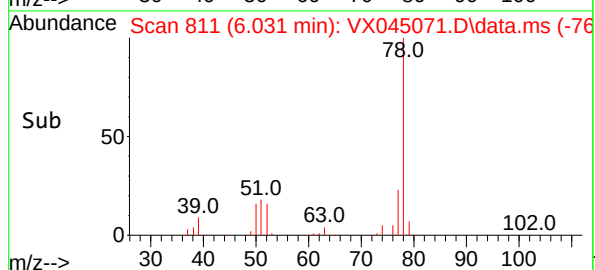
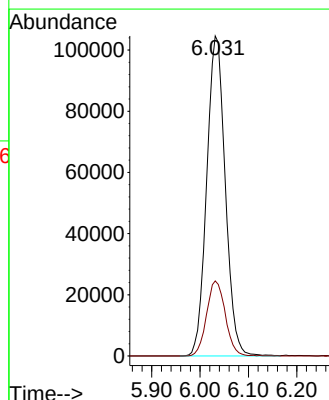
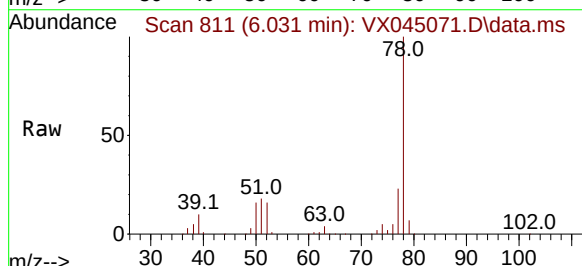
Acq: 28 Feb 2025 03:00

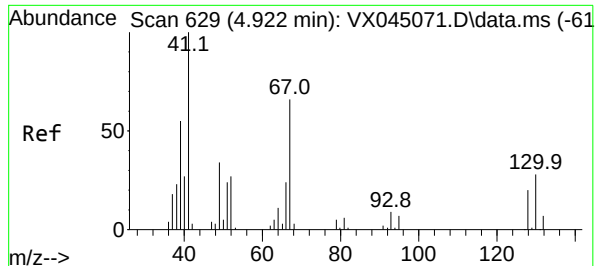
Tgt Ion: 78 Resp: 278802

Ion Ratio Lower Upper

78 100

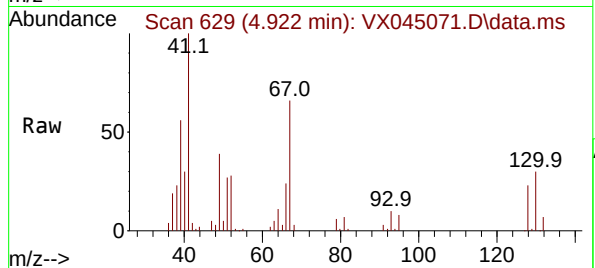
77 23.5 18.8 28.2





#41
Methacrylonitrile
Concen: 59.598 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

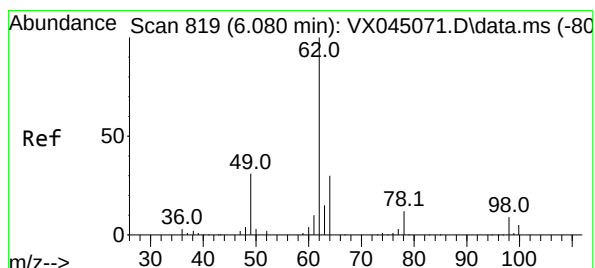
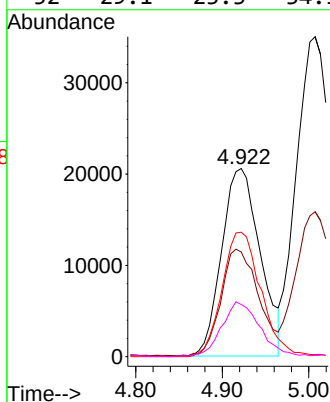
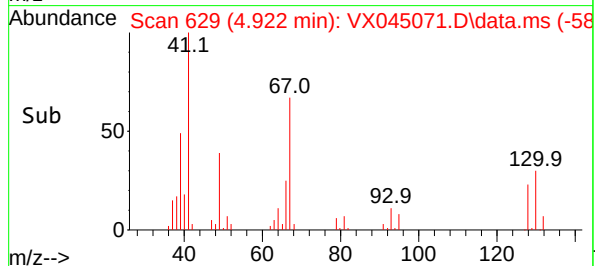
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 63454
Ion Ratio Lower Upper
41 100
39 55.8 44.6 67.0
67 67.4 53.9 80.9
52 29.1 23.3 34.9

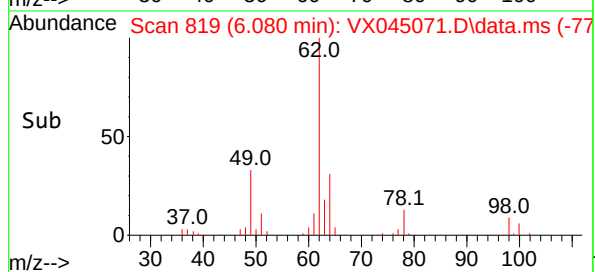
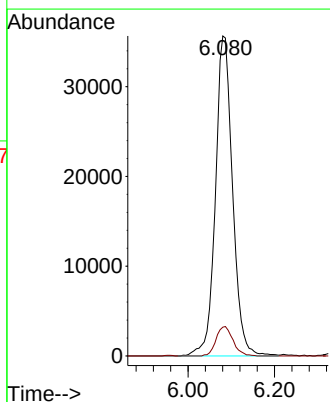
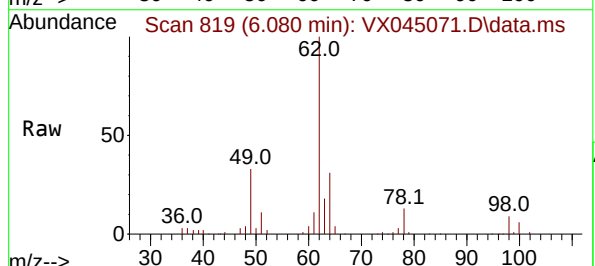
Manual Integrations
APPROVED

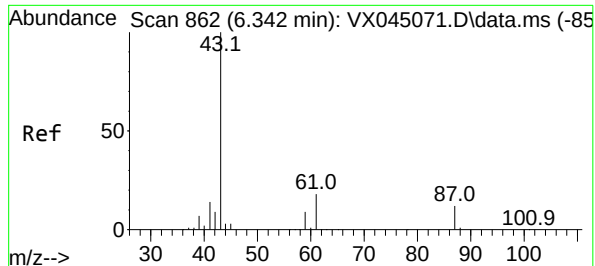
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#42
1,2-Dichloroethane
Concen: 55.428 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 62 Resp: 98340
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.2





#43

Isopropyl Acetate

Concen: 54.544 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX045071.D

Acq: 28 Feb 2025 03:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 17304

Ion Ratio Lower Upper

43

100

61

18.6

87

11.8

14.9

9.4

22.3

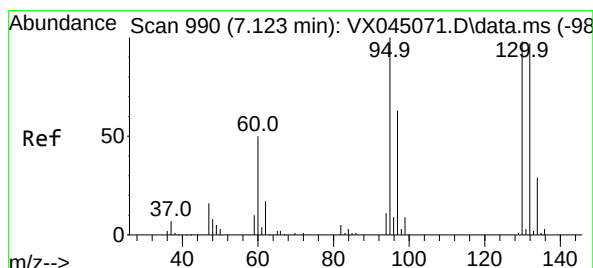
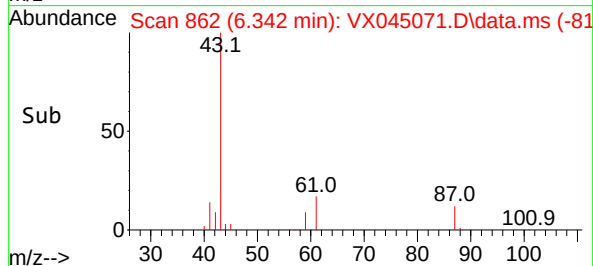
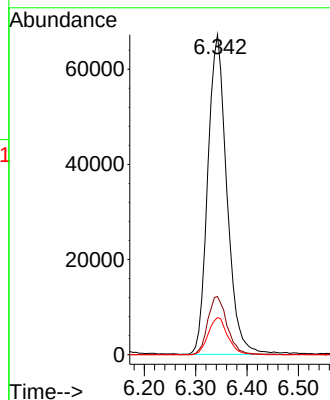
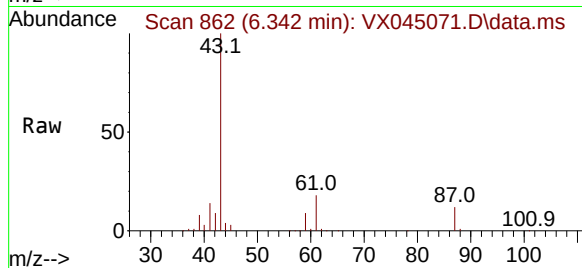
14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#44

Trichloroethene

Concen: 50.756 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX045071.D

Acq: 28 Feb 2025 03:00

Tgt Ion:130 Resp: 63513

Ion Ratio Lower Upper

130

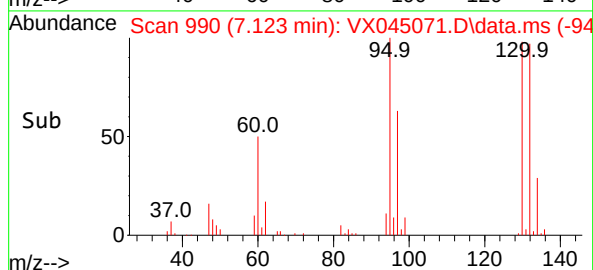
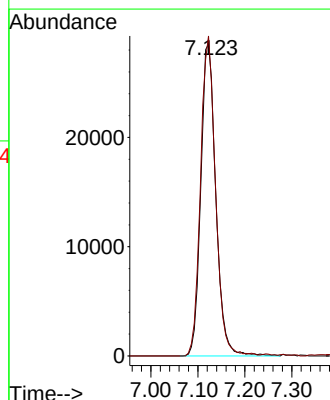
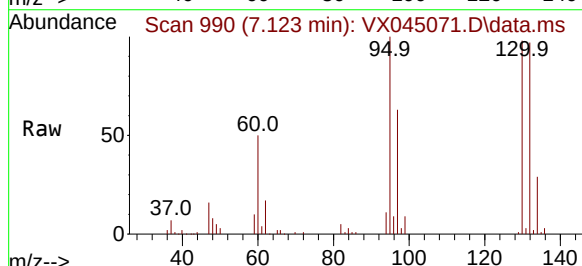
100

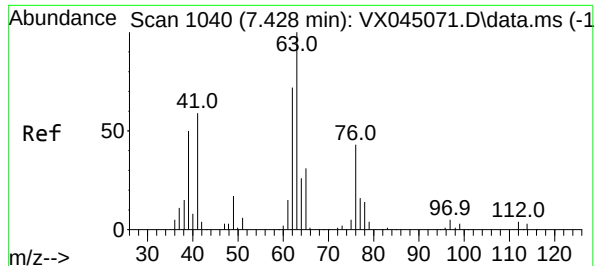
95

102.5

0.0

205.0





#45

1,2-Dichloropropane

Concen: 50.808 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX045071.D

Acq: 28 Feb 2025 03:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 69128

Ion Ratio Lower Upper

63 100

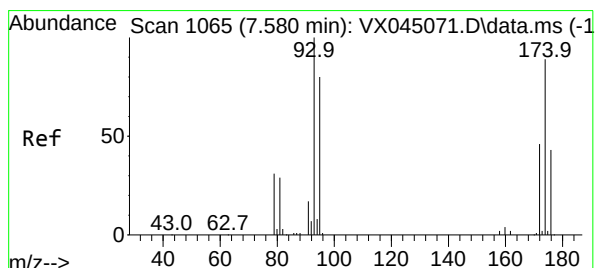
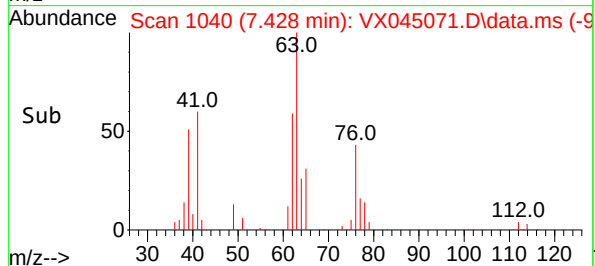
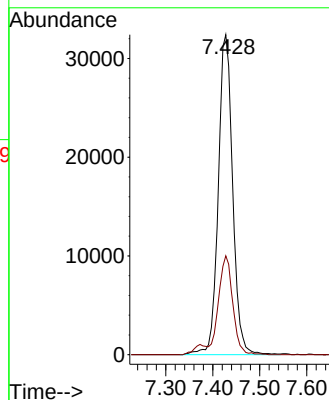
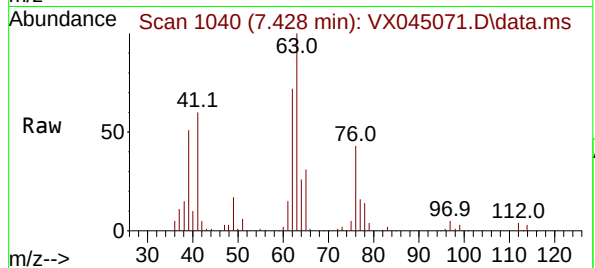
65 30.9 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#46

Dibromomethane

Concen: 52.757 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX045071.D

Acq: 28 Feb 2025 03:00

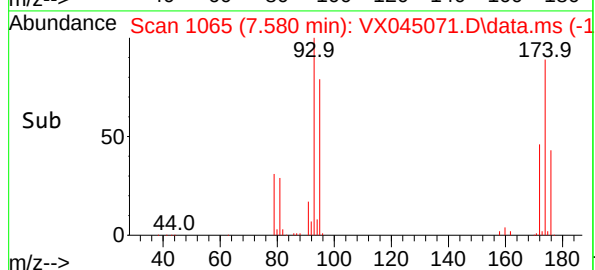
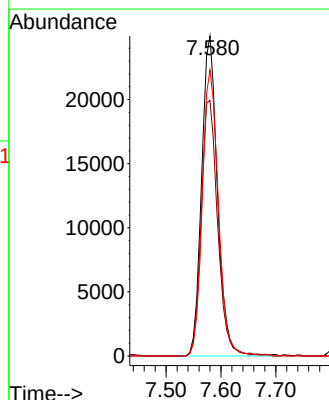
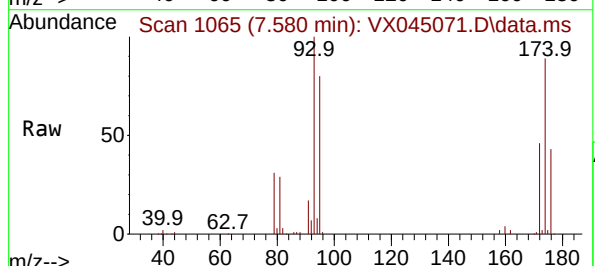
Tgt Ion: 93 Resp: 50143

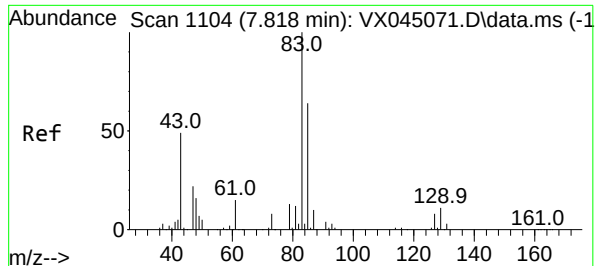
Ion Ratio Lower Upper

93 100

95 82.3 65.8 98.8

174 90.2 72.2 108.2





#47

Bromodichloromethane

Concen: 53.153 ug/l

RT: 7.818 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX045071.D

Acq: 28 Feb 2025 03:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

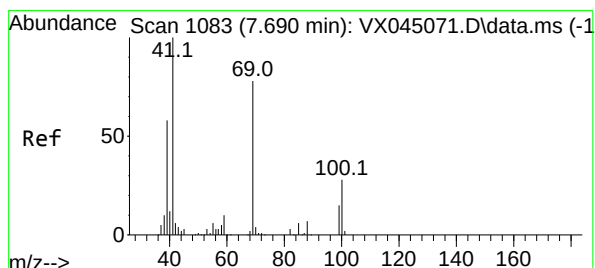
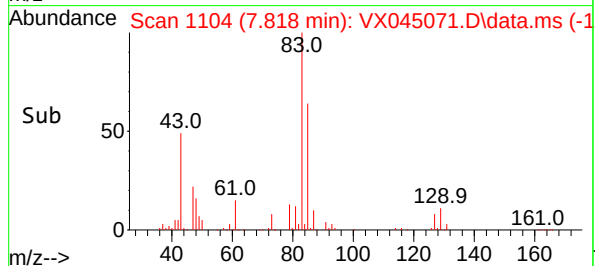
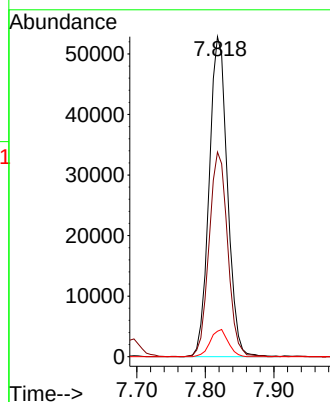
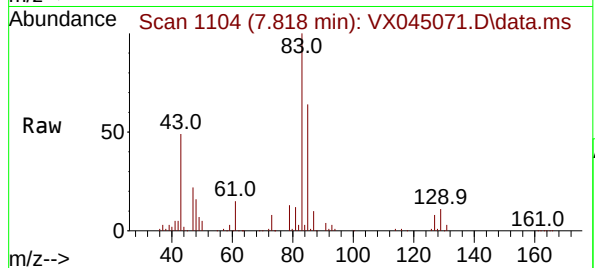
Tgt Ion:	83	Resp:	97729
Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.1	76.7
127	8.0	6.4	9.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#48

Methyl methacrylate

Concen: 57.256 ug/l

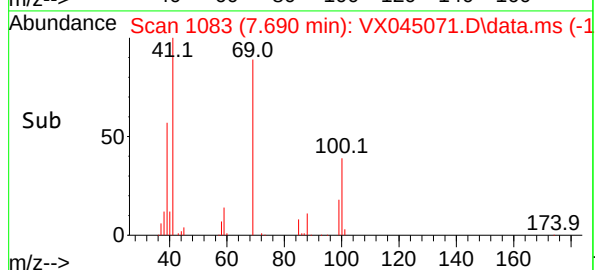
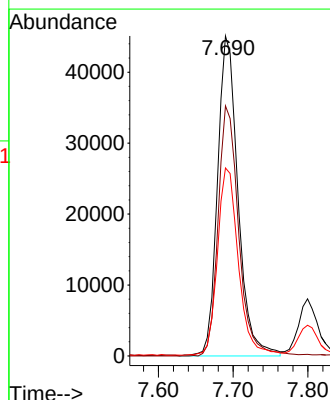
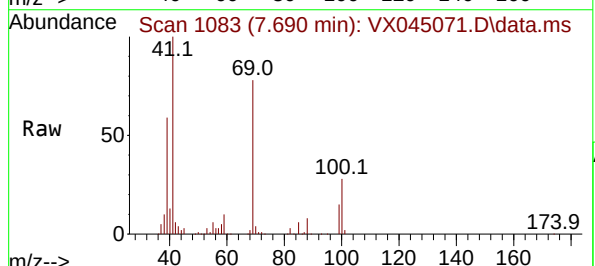
RT: 7.690 min Scan# 1083

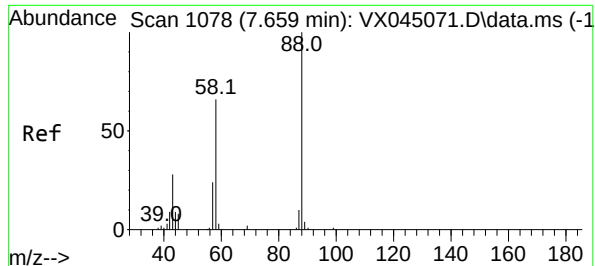
Delta R.T. 0.000 min

Lab File: VX045071.D

Acq: 28 Feb 2025 03:00

Tgt Ion:	41	Resp:	86231
Ion	Ratio	Lower	Upper
41	100		
69	78.8	63.0	94.6
39	59.4	47.5	71.3





#49

1,4-Dioxane

Concen: 1095.003 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX045071.D

Acq: 28 Feb 2025 03:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 3505

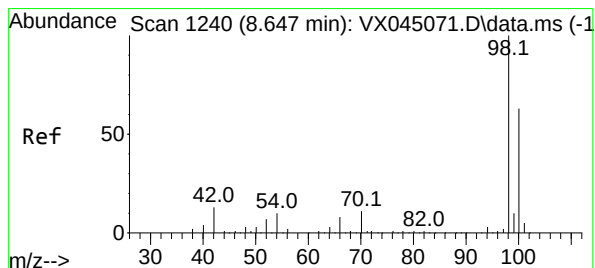
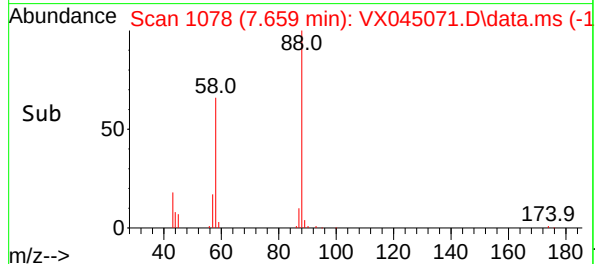
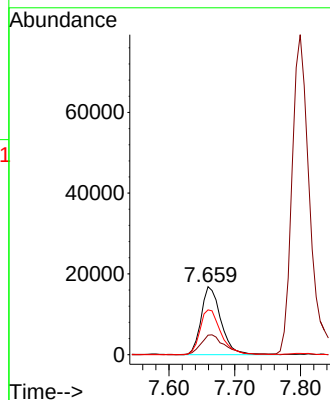
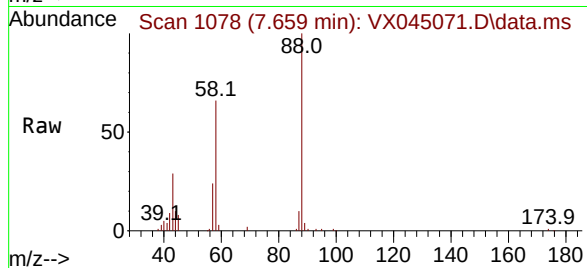
Ion	Ratio	Lower	Upper
88	100		
43	35.9	28.7	43.1
58	69.8	55.8	83.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#50

Toluene-d8

Concen: 49.449 ug/l

RT: 8.647 min Scan# 1240

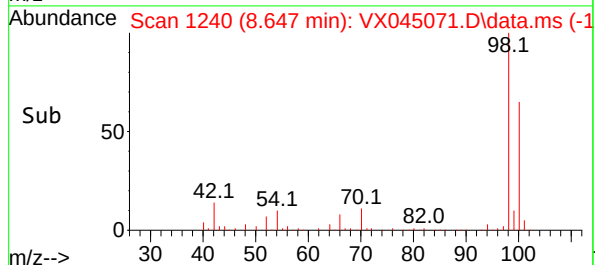
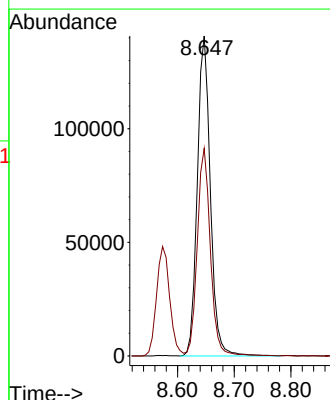
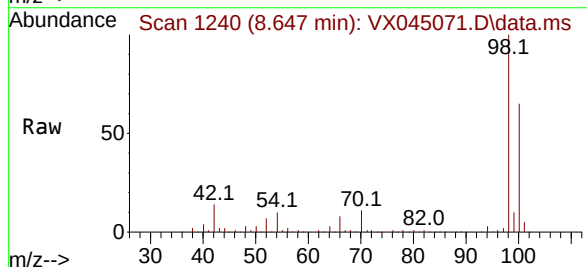
Delta R.T. 0.000 min

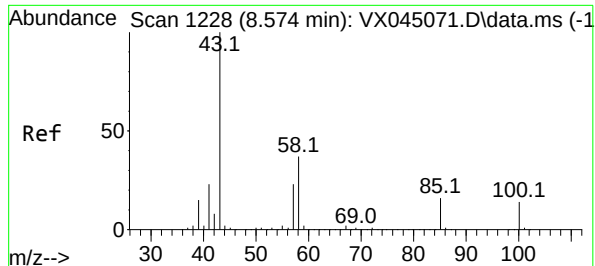
Lab File: VX045071.D

Acq: 28 Feb 2025 03:00

Tgt Ion: 98 Resp: 225493

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.0	78.0





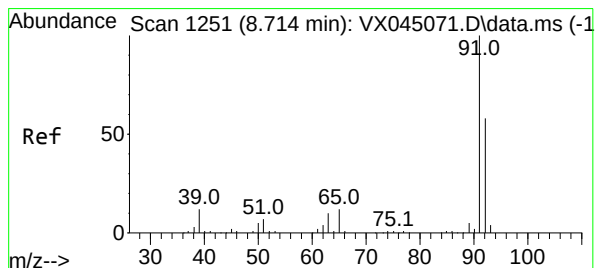
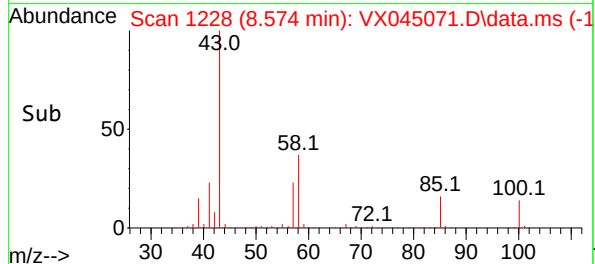
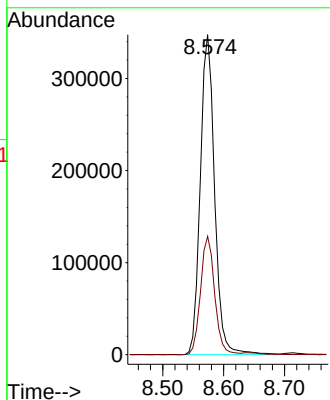
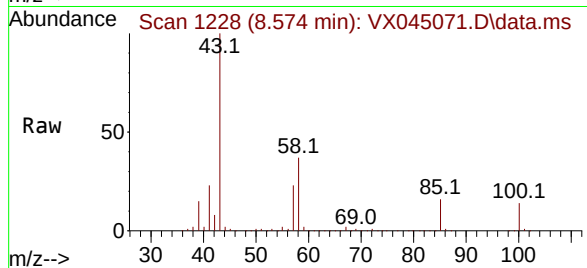
#51
4-Methyl-2-Pentanone
Concen: 292.570 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 56873
Ion Ratio Lower Upper
43 100
58 36.5 29.2 43.8

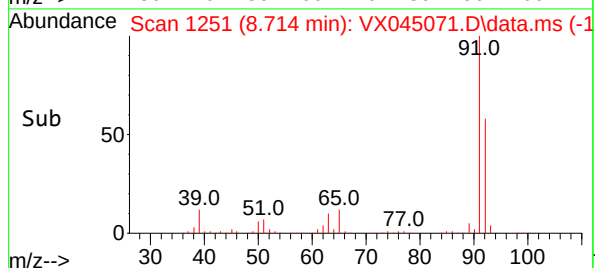
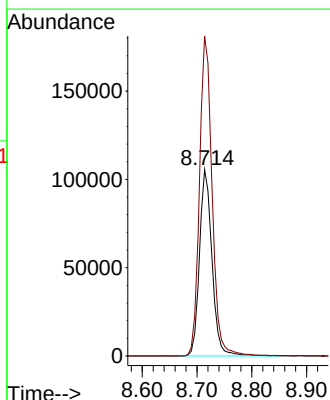
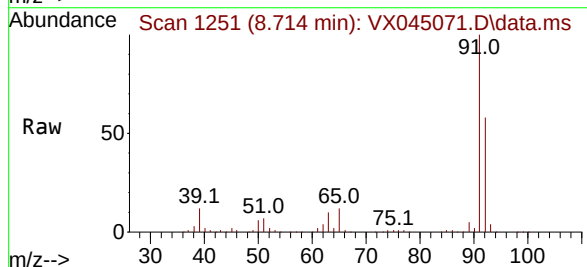
Manual Integrations
APPROVED

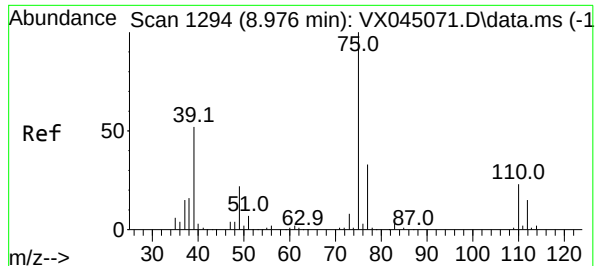
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#52
Toluene
Concen: 51.505 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 92 Resp: 167431
Ion Ratio Lower Upper
92 100
91 173.6 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 48.078 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX045071.D

Acq: 28 Feb 2025 03:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 75 Resp: 8737

Ion Ratio Lower Upper

75 100

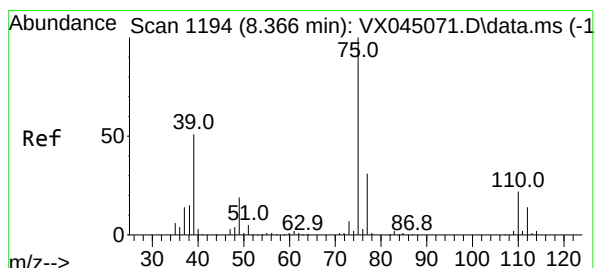
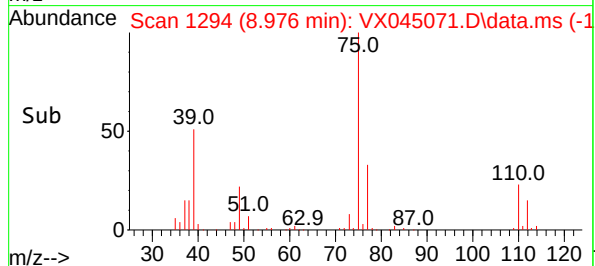
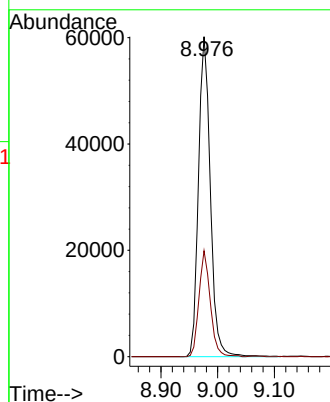
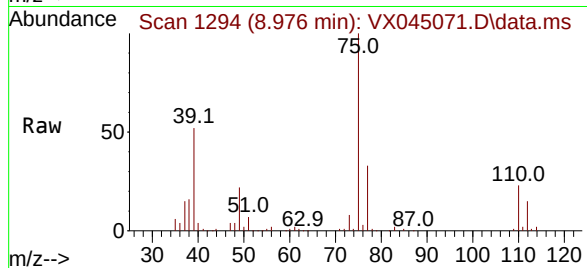
77 33.1 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#54

cis-1,3-Dichloropropene

Concen: 49.079 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX045071.D

Acq: 28 Feb 2025 03:00

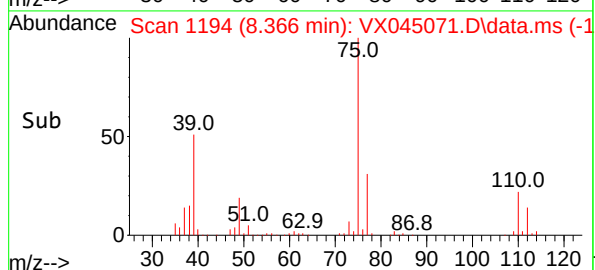
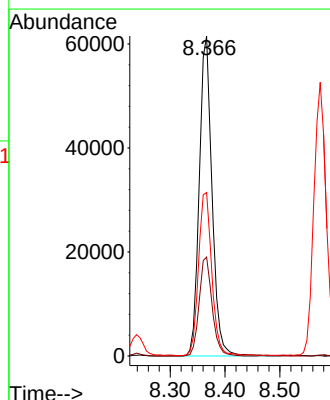
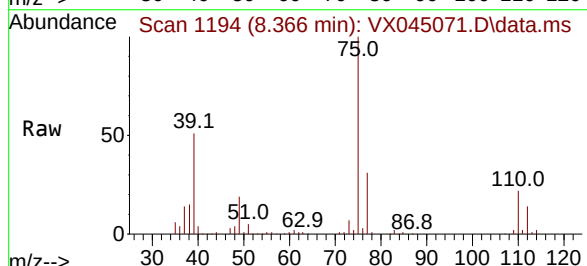
Tgt Ion: 75 Resp: 99713

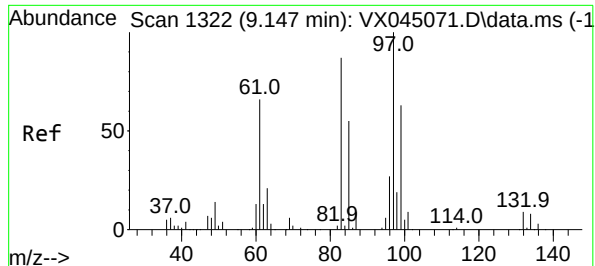
Ion Ratio Lower Upper

75 100

77 30.9 24.7 37.1

39 50.9 40.7 61.1





#55

1,1,2-Trichloroethane

Concen: 52.724 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VX045071.D

Acq: 28 Feb 2025 03:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 66379

Ion Ratio Lower Upper

97 100

83 86.8 69.4 104.2

85 55.1 44.1 66.1

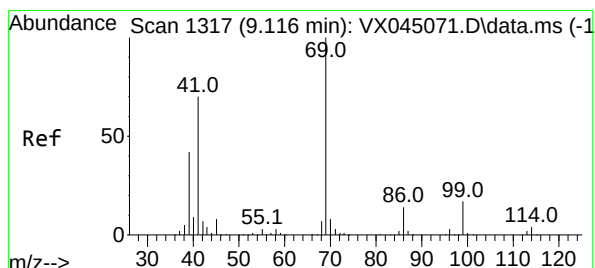
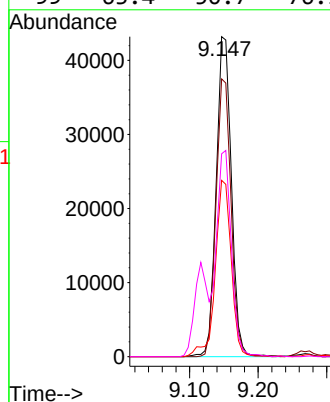
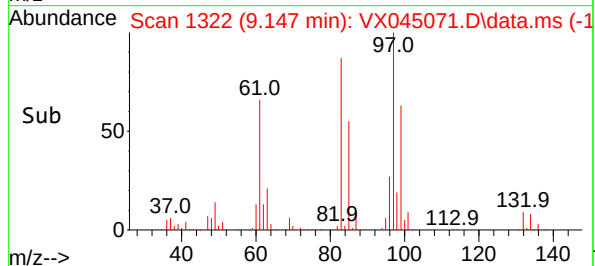
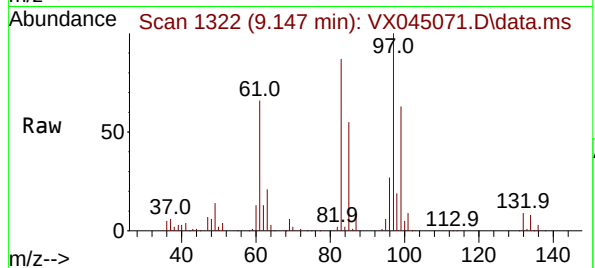
99 63.4 50.7 76.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#56

Ethyl methacrylate

Concen: 52.724 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX045071.D

Acq: 28 Feb 2025 03:00

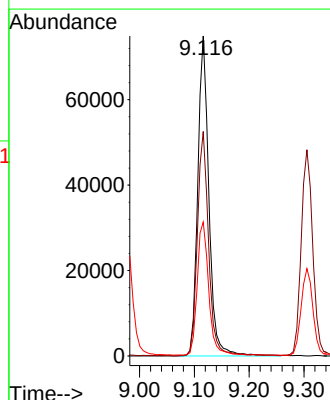
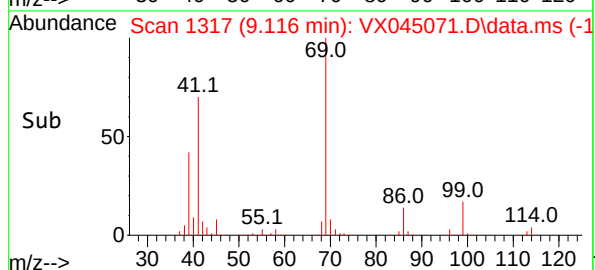
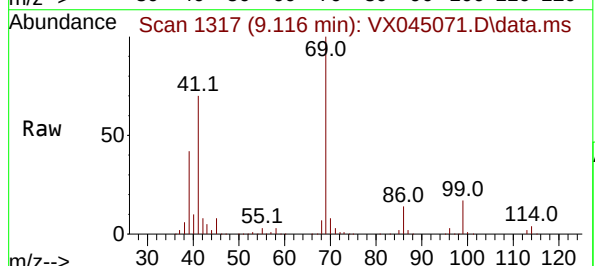
Tgt Ion: 69 Resp: 106157

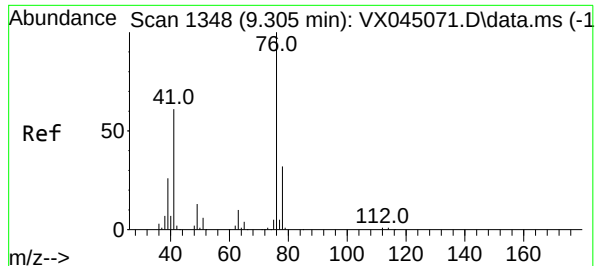
Ion Ratio Lower Upper

69 100

41 71.2 57.0 85.4

39 42.8 34.2 51.4





#57

1,3-Dichloropropane

Concen: 52.594 ug/l

RT: 9.305 min Scan# 11548

Delta R.T. 0.000 min

Lab File: VX045071.D

Acq: 28 Feb 2025 03:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 11548

Ion Ratio Lower Upper

76 100

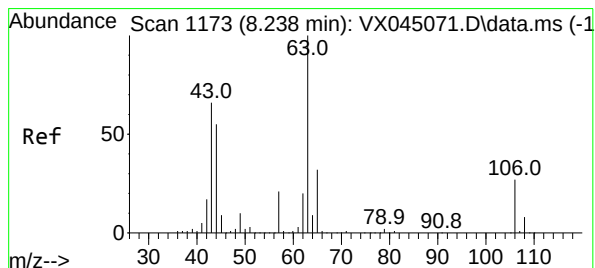
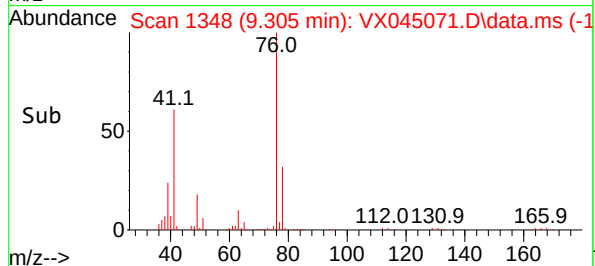
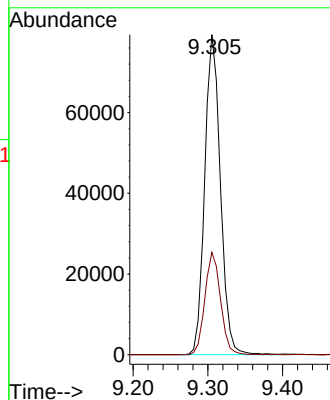
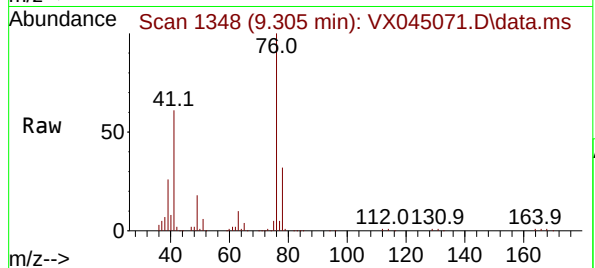
78 31.9 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#58

2-Chloroethyl Vinyl ether

Concen: 267.612 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX045071.D

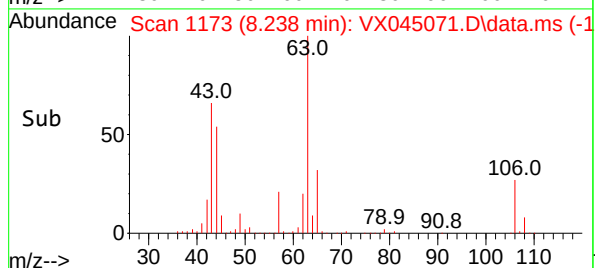
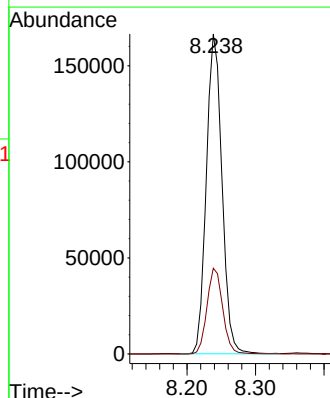
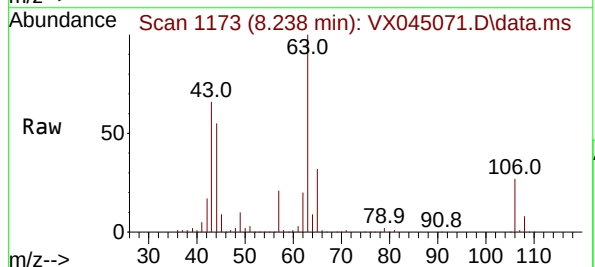
Acq: 28 Feb 2025 03:00

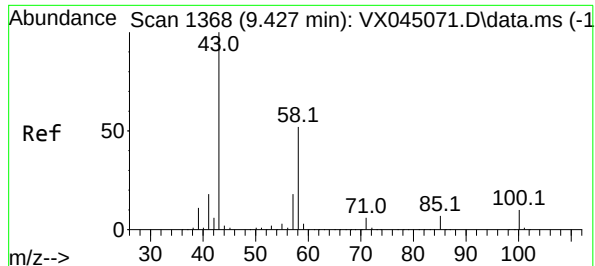
Tgt Ion: 63 Resp: 264555

Ion Ratio Lower Upper

63 100

106 26.9 21.5 32.3





#59

2-Hexanone

Concen: 297.362 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX045071.D

Acq: 28 Feb 2025 03:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 416984

Ion Ratio Lower Upper

43 100

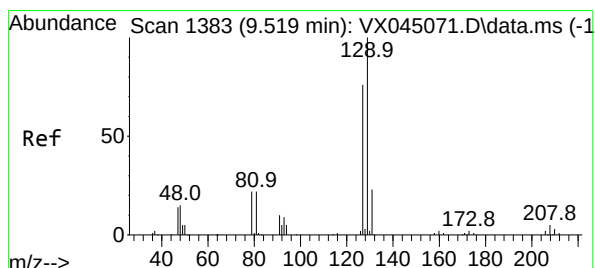
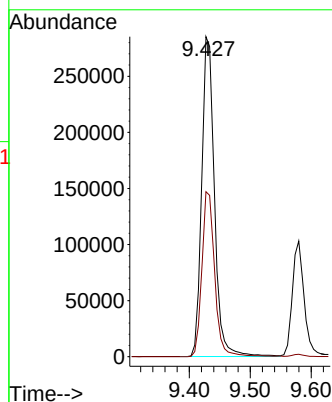
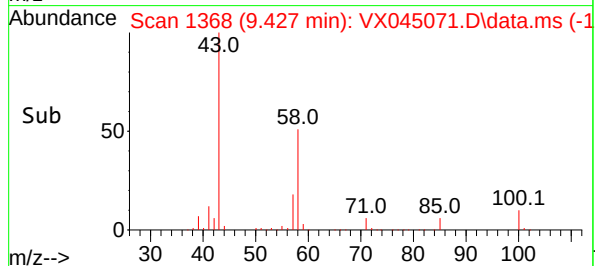
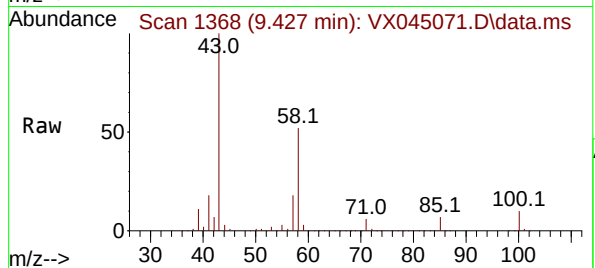
58 51.7 25.9 77.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#60

Dibromochloromethane

Concen: 53.284 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX045071.D

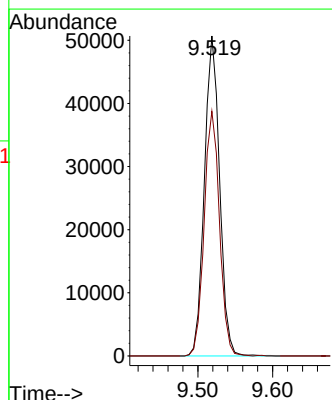
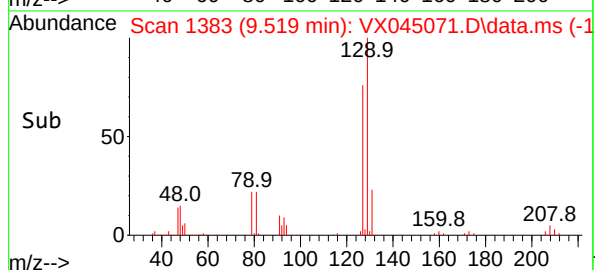
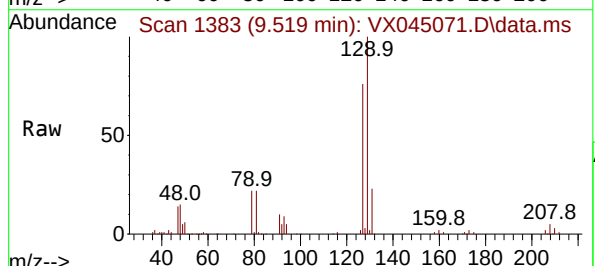
Acq: 28 Feb 2025 03:00

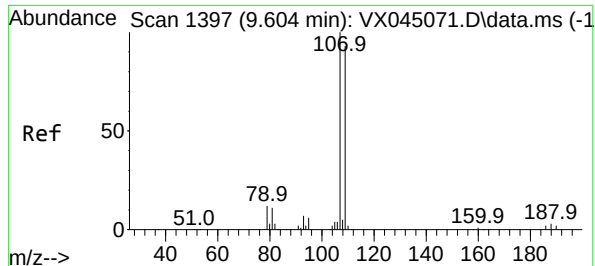
Tgt Ion:129 Resp: 71569

Ion Ratio Lower Upper

129 100

127 77.0 38.5 115.5





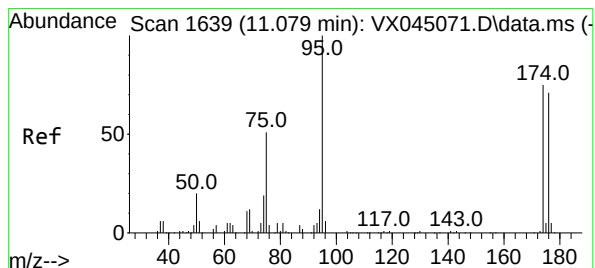
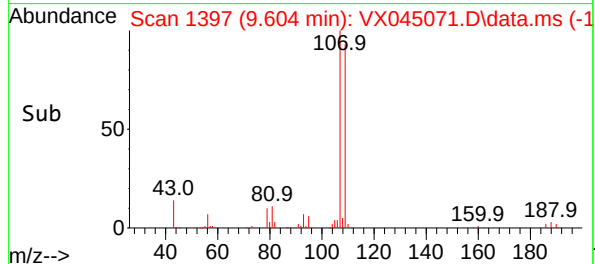
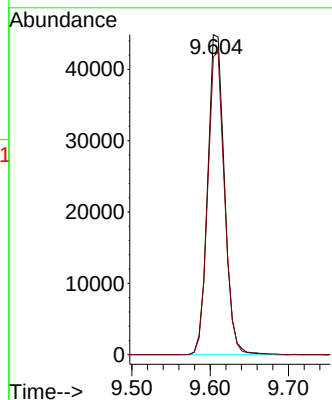
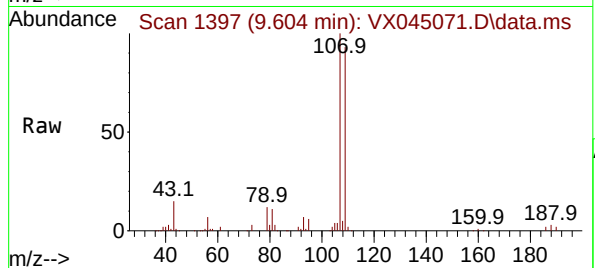
#61
1,2-Dibromoethane
Concen: 52.217 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 66312
Ion Ratio Lower Upper
107 100
109 95.1 76.1 114.1

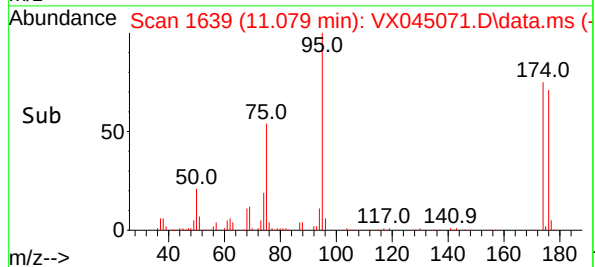
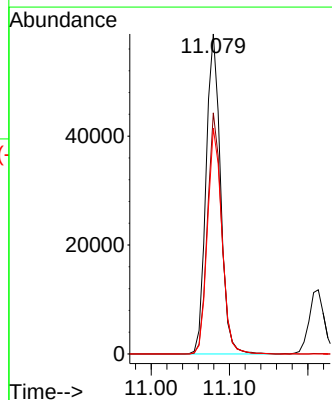
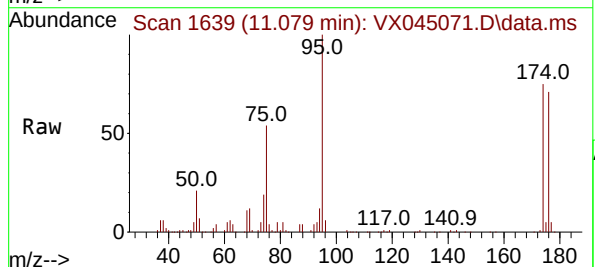
Manual Integrations
APPROVED

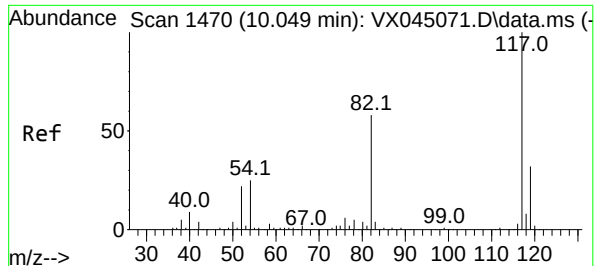
Reviewed By :John Carbone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#62
4-Bromofluorobenzene
Concen: 49.212 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

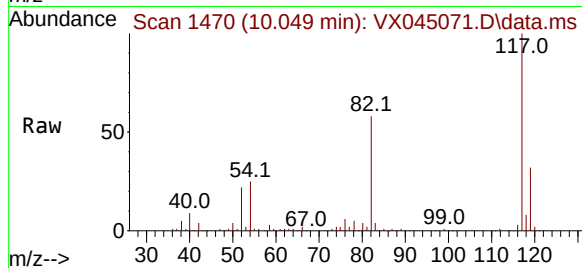
Tgt Ion: 95 Resp: 74945
Ion Ratio Lower Upper
95 100
174 74.1 0.0 148.2
176 70.7 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

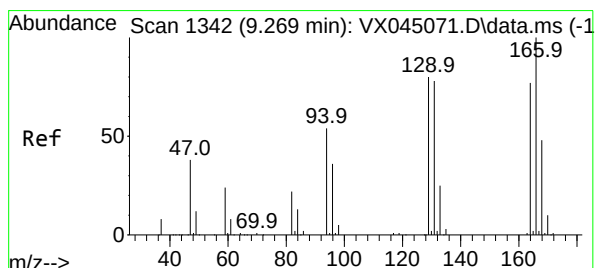
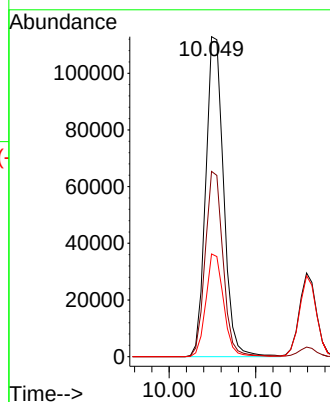
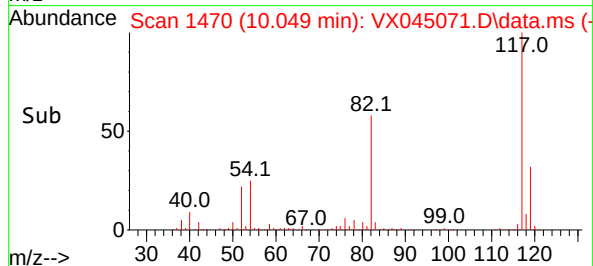
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 162079
Ion Ratio Lower Upper
117 100
82 57.9 46.3 69.5
119 32.1 25.7 38.5

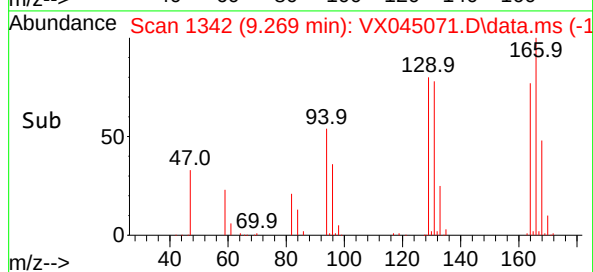
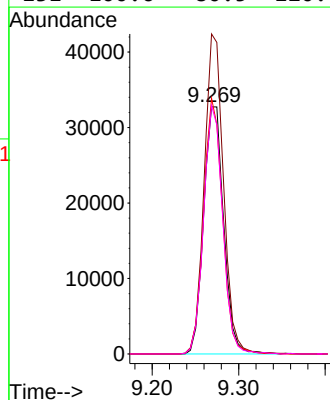
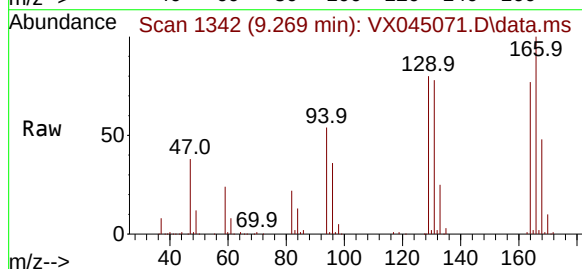
Manual Integrations
APPROVED

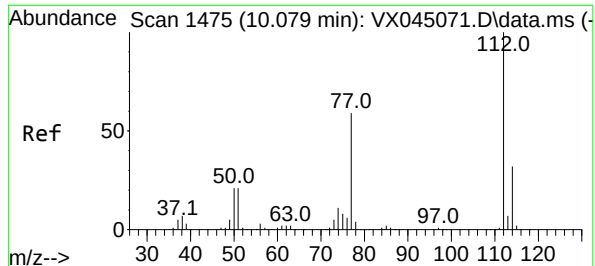
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#64
Tetrachloroethene
Concen: 51.021 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:164 Resp: 52531
Ion Ratio Lower Upper
164 100
166 129.5 103.6 155.4
129 103.4 82.7 124.1
131 100.6 80.5 120.7





#65

Chlorobenzene

Concen: 50.853 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX045071.D

Acq: 28 Feb 2025 03:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:112 Resp: 17692

Ion Ratio Lower Upper

112 100

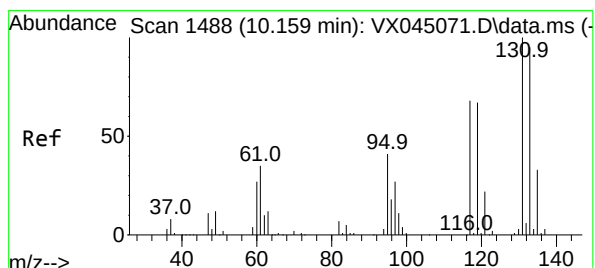
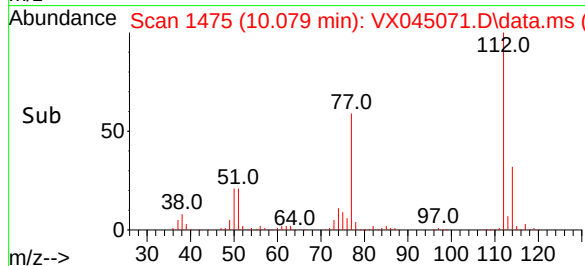
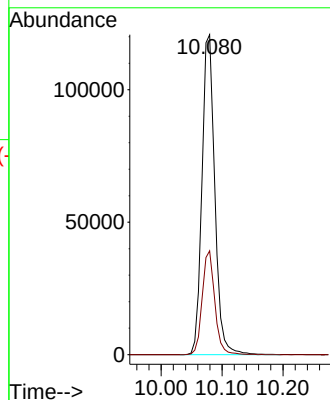
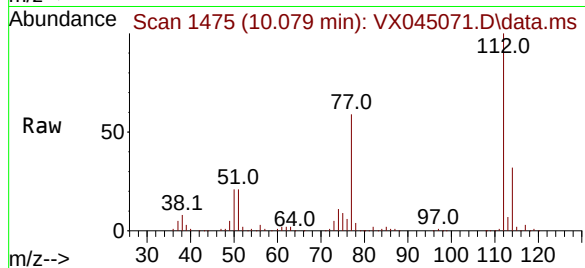
114 32.5 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#66

1,1,1,2-Tetrachloroethane

Concen: 51.402 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX045071.D

Acq: 28 Feb 2025 03:00

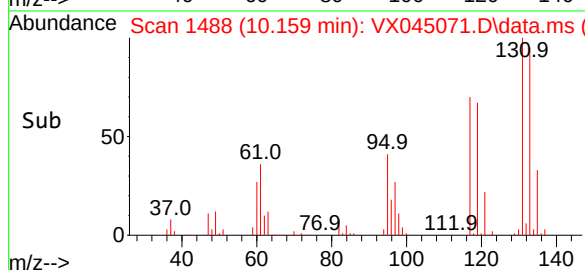
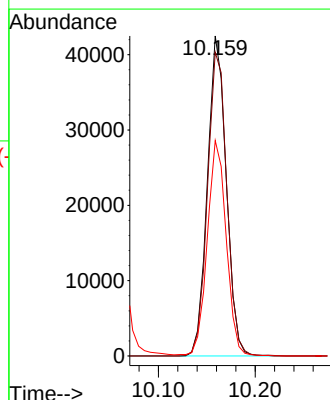
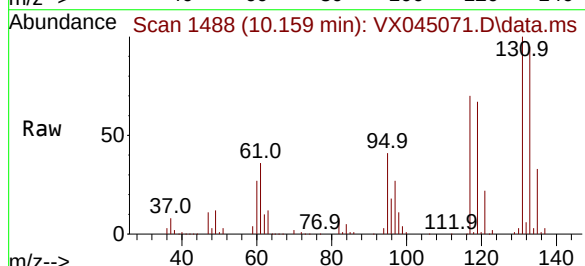
Tgt Ion:131 Resp: 57642

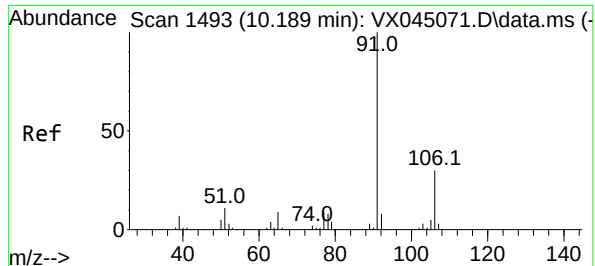
Ion Ratio Lower Upper

131 100

133 97.3 48.6 145.9

119 67.8 33.9 101.7





#67

Ethyl Benzene

Concen: 51.431 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX045071.D

Acq: 28 Feb 2025 03:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 31642

Ion Ratio Lower Upper

91 100

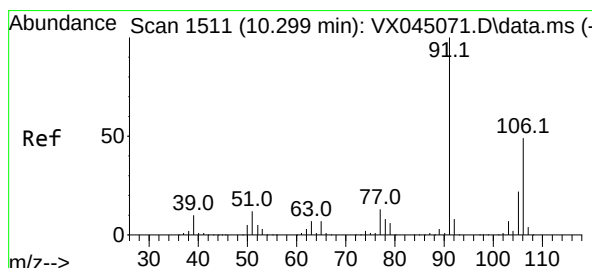
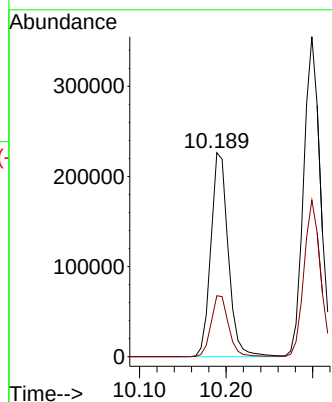
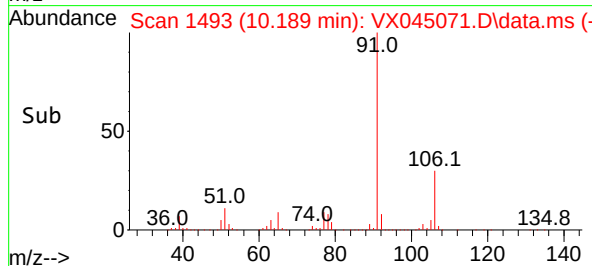
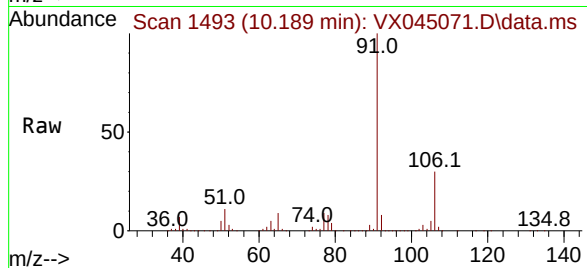
106 29.9 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#68

m/p-Xylenes

Concen: 103.515 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX045071.D

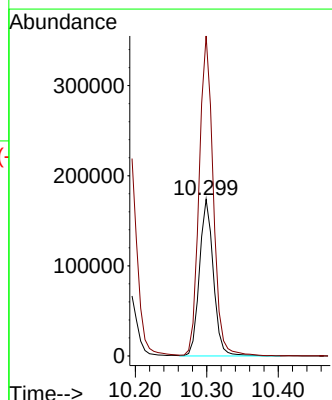
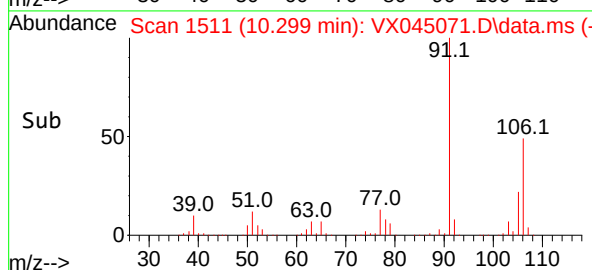
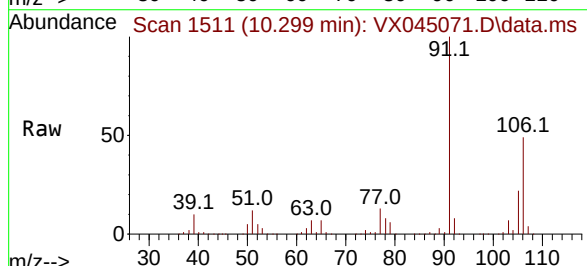
Acq: 28 Feb 2025 03:00

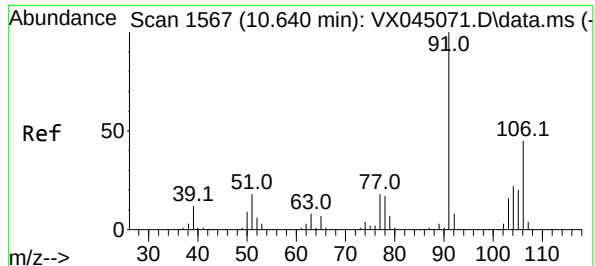
Tgt Ion:106 Resp: 234554

Ion Ratio Lower Upper

106 100

91 206.7 165.4 248.0





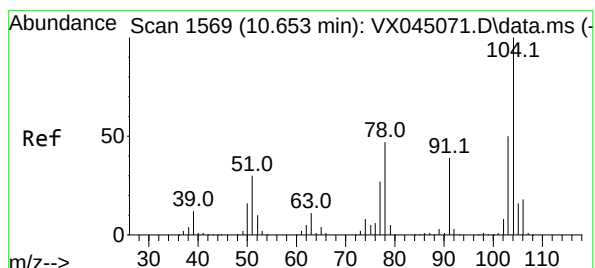
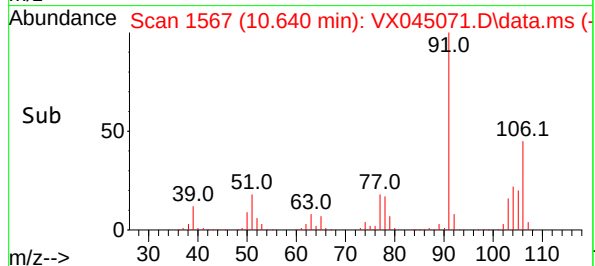
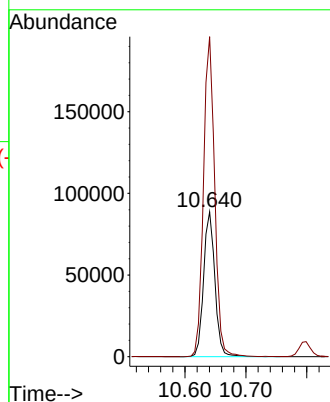
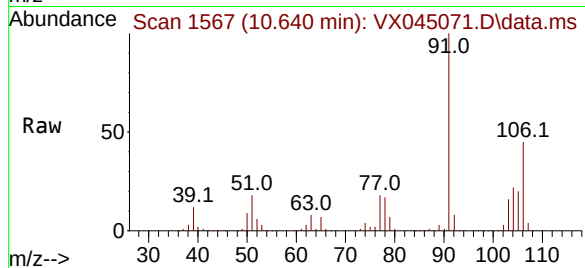
#69
o-Xylene
Concen: 50.341 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 114440
Ion Ratio Lower Upper
106 100
91 219.7 109.9 329.6

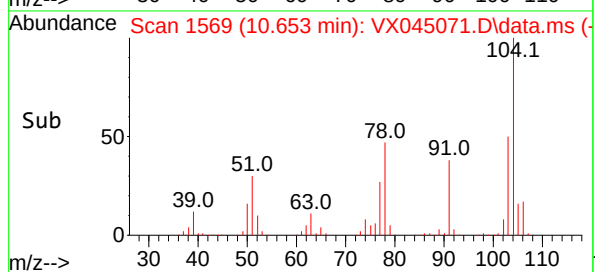
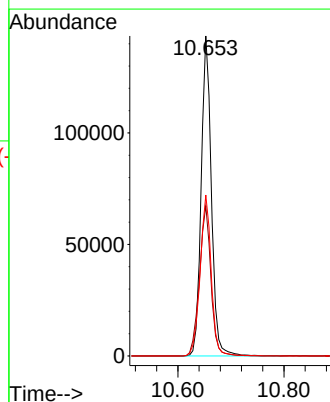
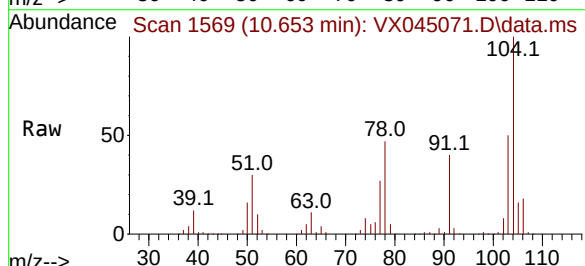
Manual Integrations
APPROVED

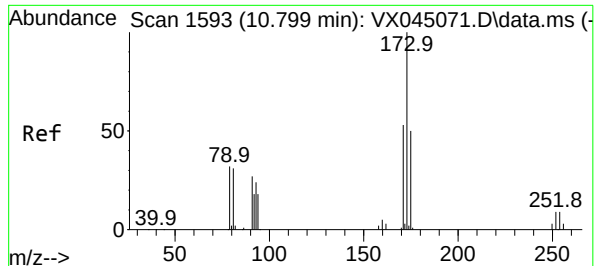
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#70
Styrene
Concen: 52.387 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

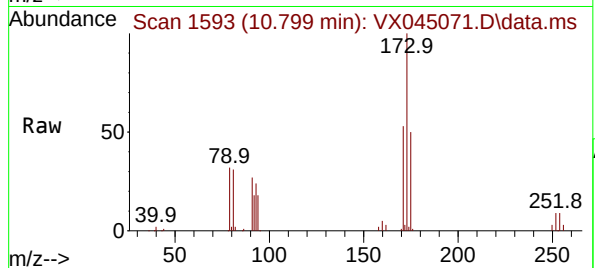
Tgt Ion:104 Resp: 191406
Ion Ratio Lower Upper
104 100
78 52.8 42.2 63.4
103 54.8 43.8 65.8





#71
Bromoform
Concen: 53.645 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

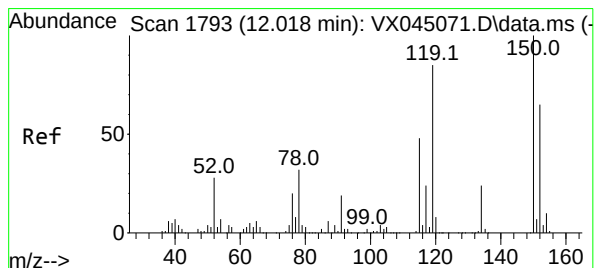
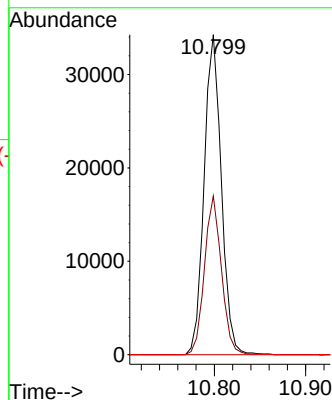
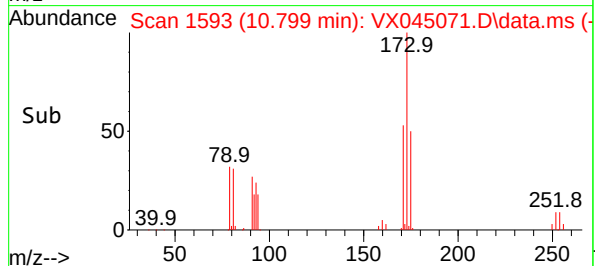
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:173 Resp: 44730
Ion Ratio Lower Upper
173 100
175 49.1 24.6 73.6
254 0.0 0.0 0.0

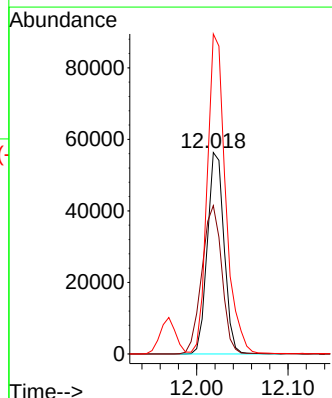
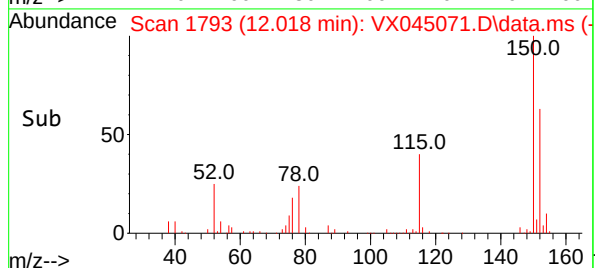
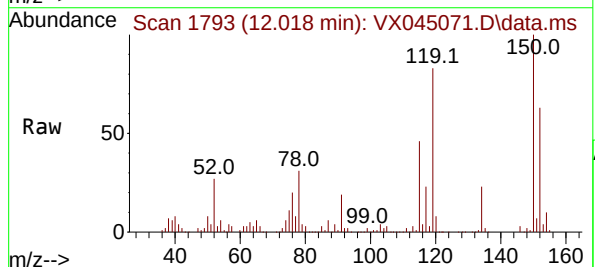
Manual Integrations
APPROVED

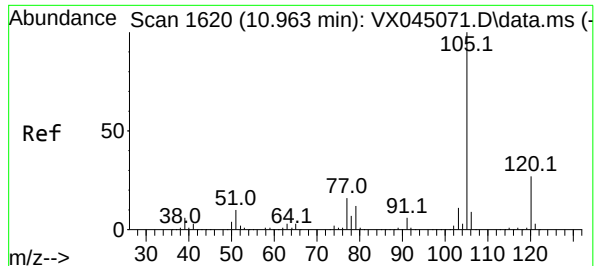
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:152 Resp: 71264
Ion Ratio Lower Upper
152 100
115 88.4 44.2 132.6
150 174.5 0.0 349.0





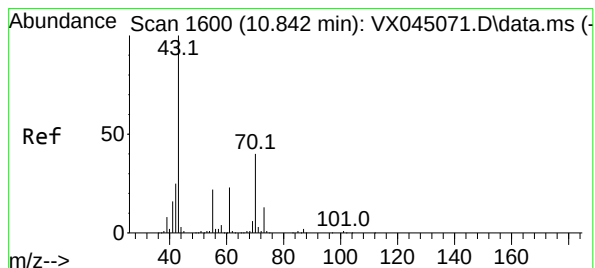
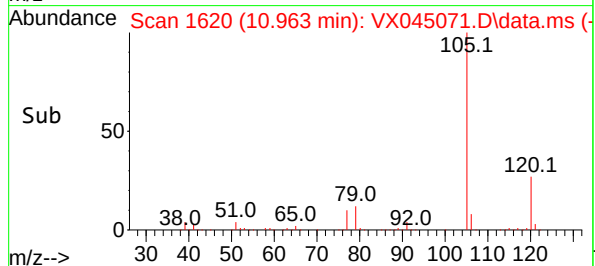
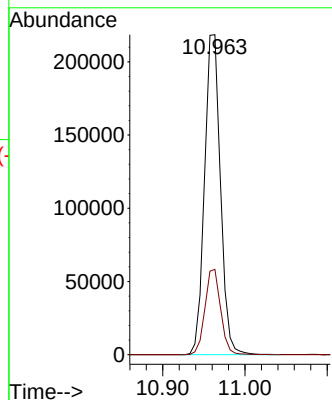
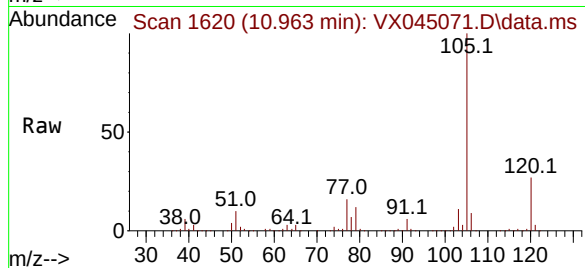
#73
Isopropylbenzene
Concen: 51.167 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 294694
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.5

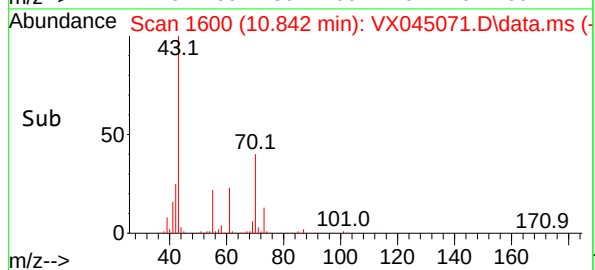
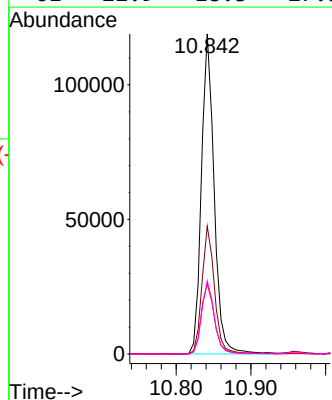
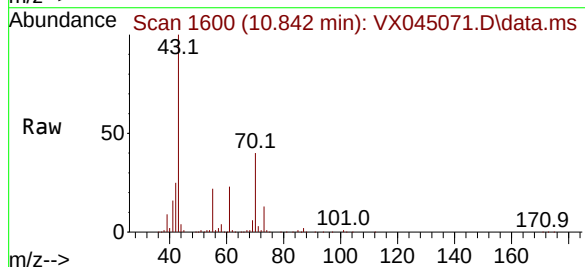
Manual Integrations
APPROVED

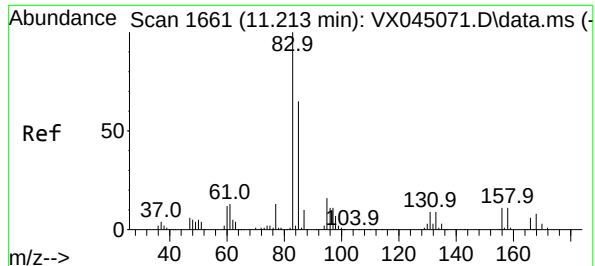
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#74
N-ethyl acetate
Concen: 53.881 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 43 Resp: 140869
Ion Ratio Lower Upper
43 100
70 39.7 31.8 47.6
55 22.9 18.3 27.5
61 22.9 18.3 27.5





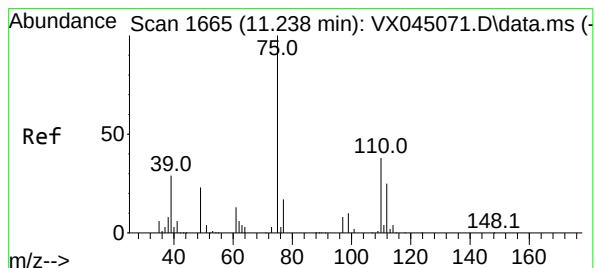
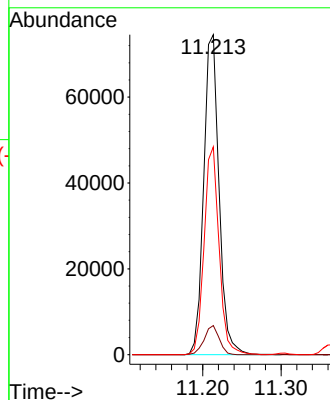
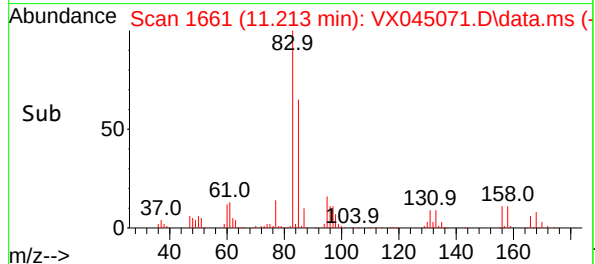
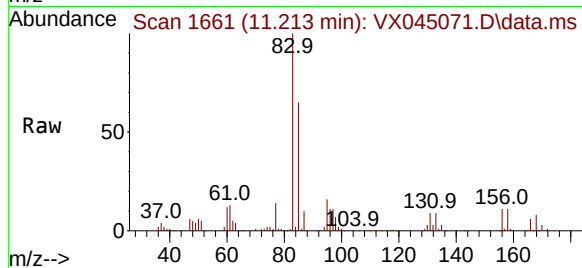
#75
1,1,2,2-Tetrachloroethane
Concen: 50.945 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 101089
Ion Ratio Lower Upper
83 100
131 8.9 4.5 13.4
85 63.4 31.7 95.1

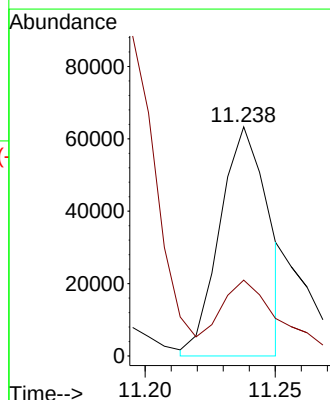
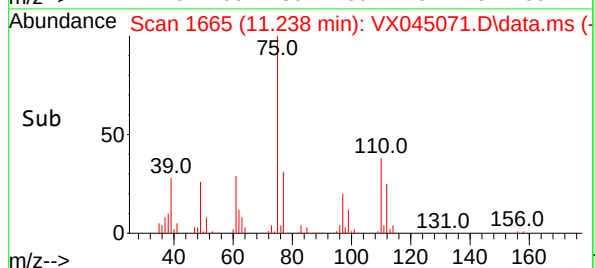
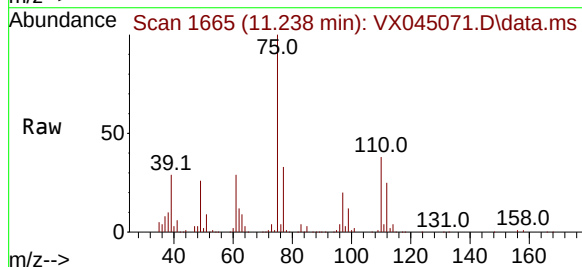
Manual Integrations
APPROVED

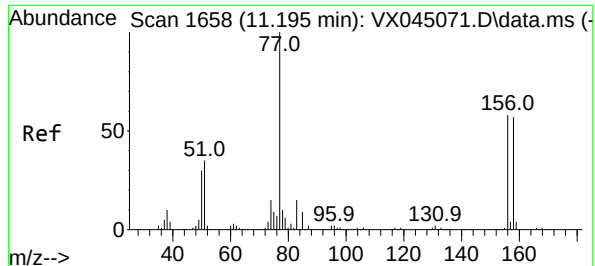
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#76
1,2,3-Trichloropropane
Concen: 51.421 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

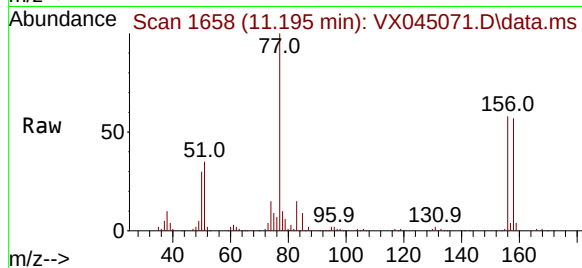
Tgt Ion: 75 Resp: 81743
Ion Ratio Lower Upper
75 100
77 41.4 20.7 62.1





#77
Bromobenzene
Concen: 51.173 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

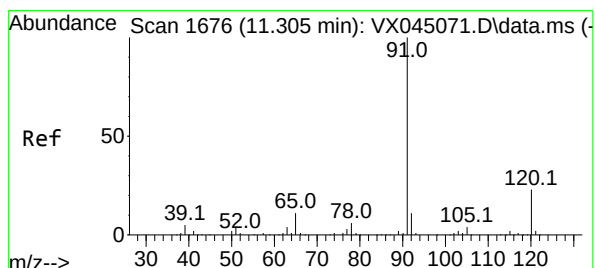
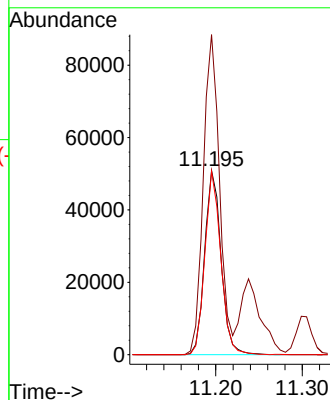
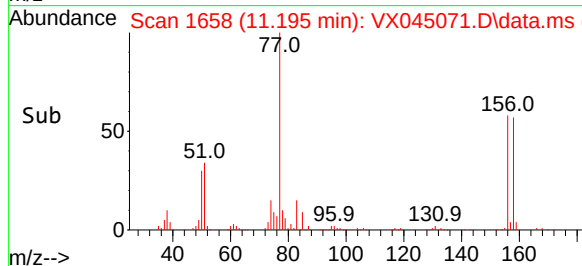
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



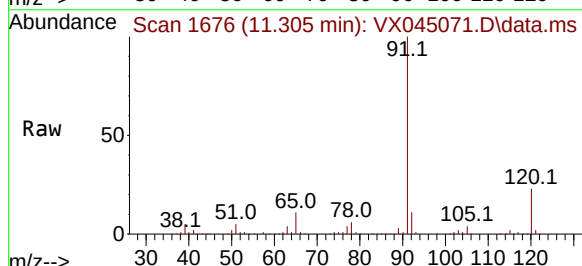
Tgt Ion:156 Resp: 66904
Ion Ratio Lower Upper
156 100
77 171.6 85.8 257.4
158 96.8 48.4 145.2

Manual Integrations
APPROVED

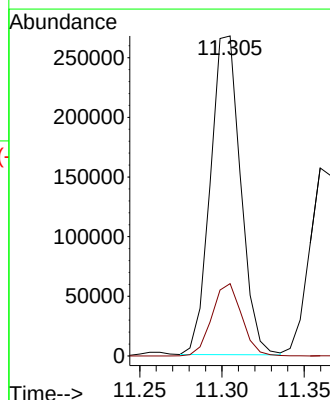
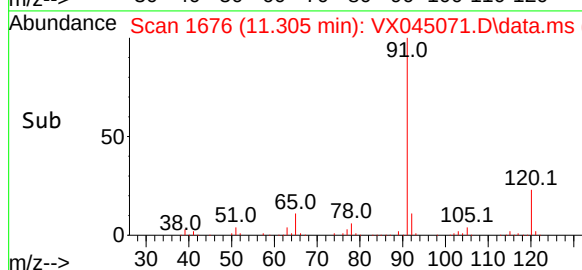
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

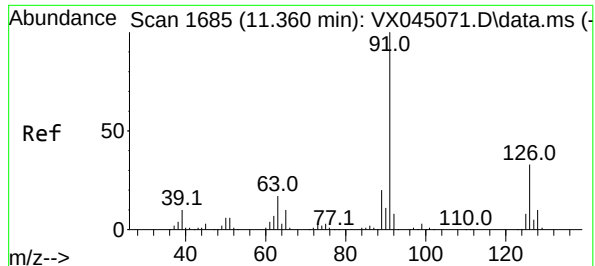


#78
n-propylbenzene
Concen: 51.546 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00



Tgt Ion: 91 Resp: 342399
Ion Ratio Lower Upper
91 100
120 22.4 11.2 33.6





#79

2-Chlorotoluene

Concen: 50.154 ug/l

RT: 11.360 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045071.D

Acq: 28 Feb 2025 03:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 204484

Ion Ratio Lower Upper

91 100

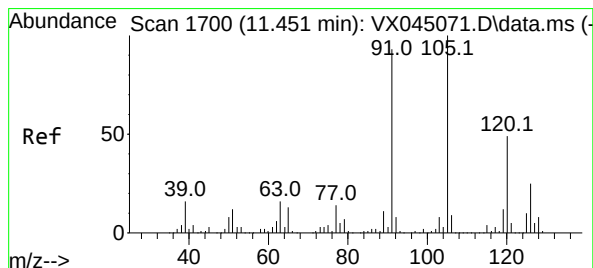
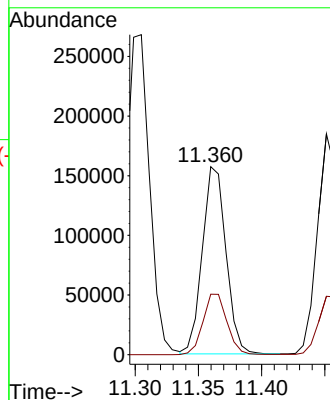
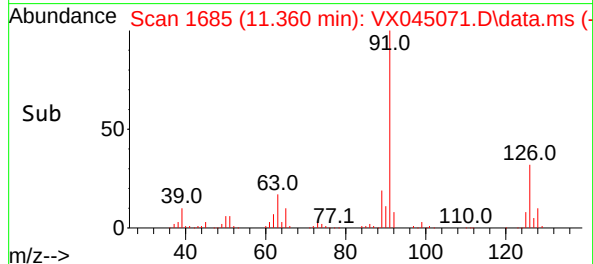
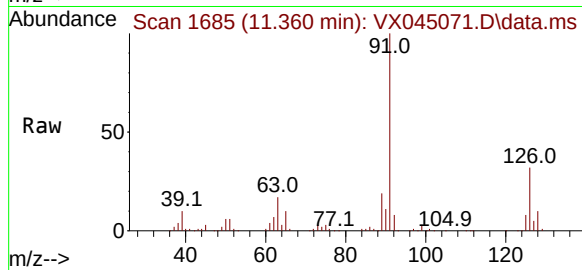
126 32.9 16.4 49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#80

1,3,5-Trimethylbenzene

Concen: 51.613 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX045071.D

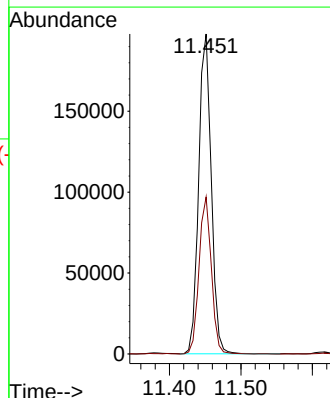
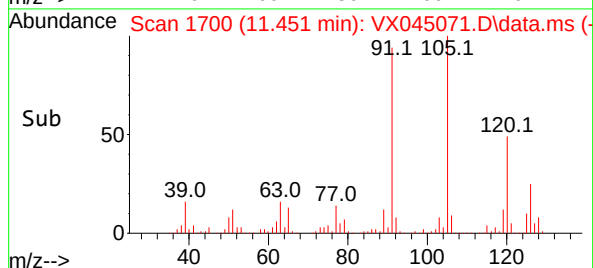
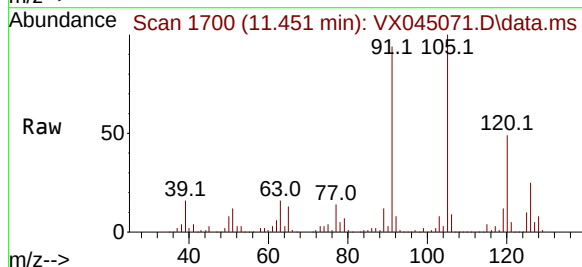
Acq: 28 Feb 2025 03:00

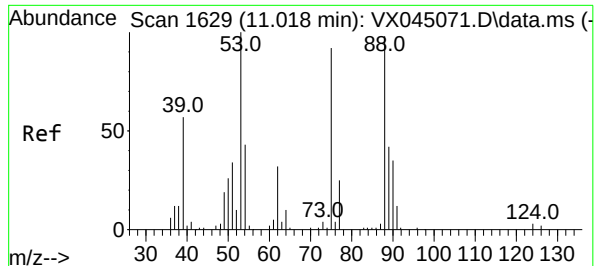
Tgt Ion:105 Resp: 241129

Ion Ratio Lower Upper

105 100

120 48.1 24.1 72.2





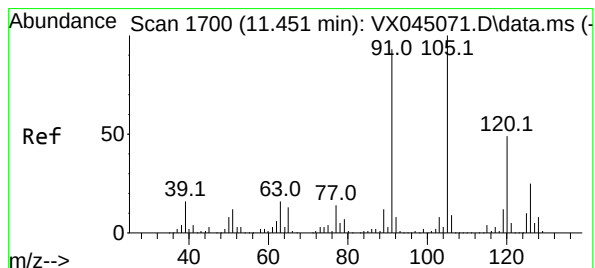
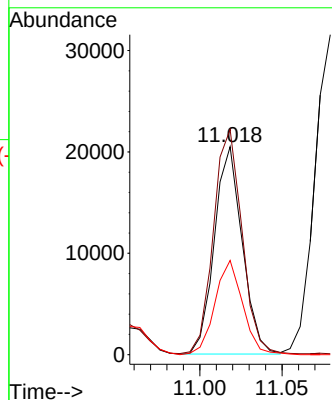
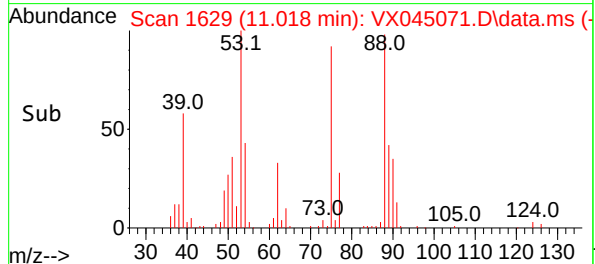
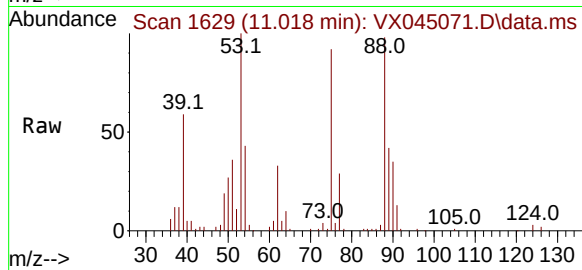
#81
trans-1,4-Dichloro-2-butene
Concen: 41.172 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 24135
Ion Ratio Lower Upper
75 100
53 110.6 88.5 132.7
89 45.3 36.2 54.4

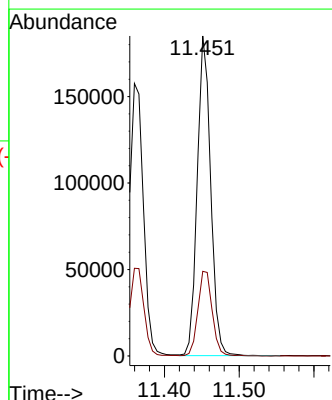
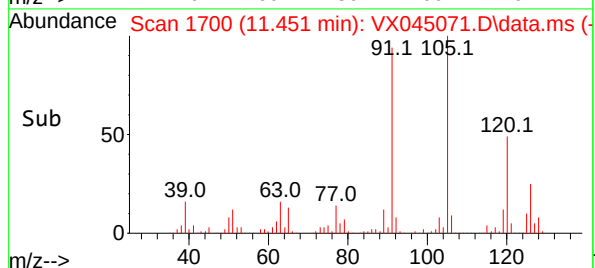
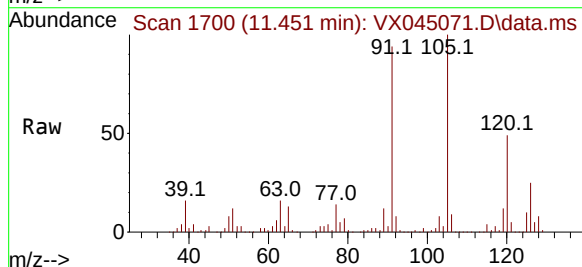
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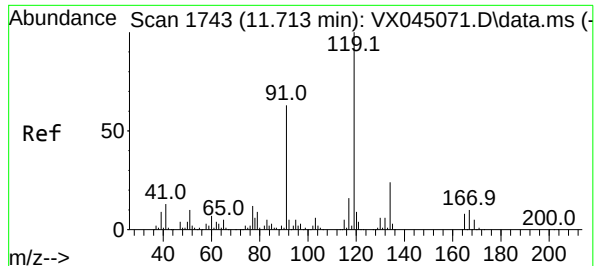
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#82
4-Chlorotoluene
Concen: 51.072 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion: 91 Resp: 230493
Ion Ratio Lower Upper
91 100
126 28.3 14.1 42.4





#83

tert-Butylbenzene

Concen: 50.895 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX045071.D

Acq: 28 Feb 2025 03:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:119 Resp: 240510

Ion Ratio Lower Upper

119 100

91 61.4 30.7 92.1

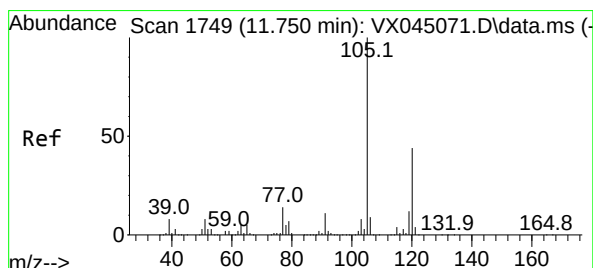
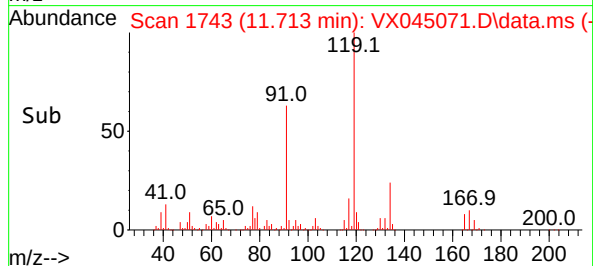
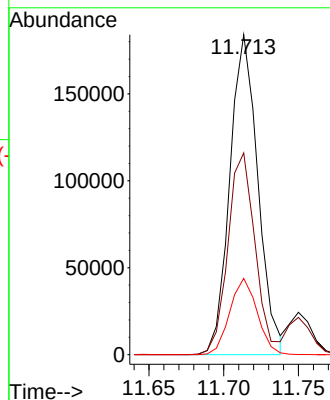
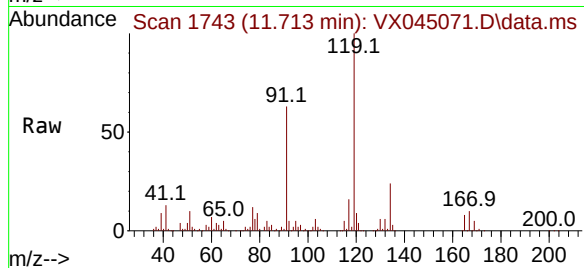
134 23.3 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#84

1,2,4-Trimethylbenzene

Concen: 52.326 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX045071.D

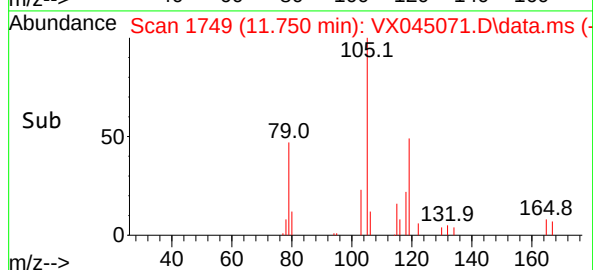
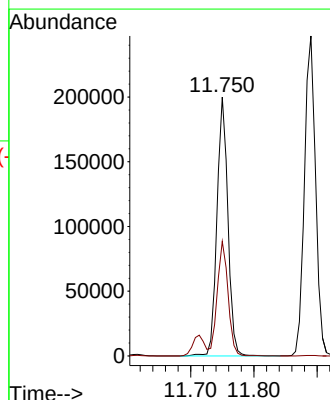
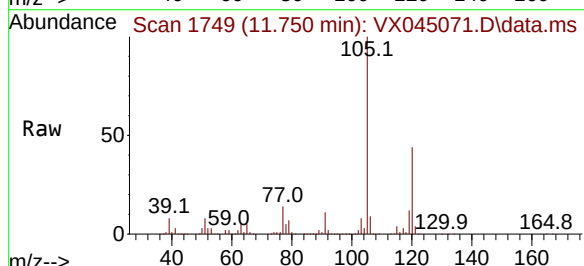
Acq: 28 Feb 2025 03:00

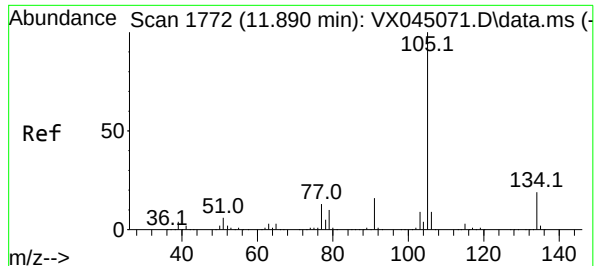
Tgt Ion:105 Resp: 240719

Ion Ratio Lower Upper

105 100

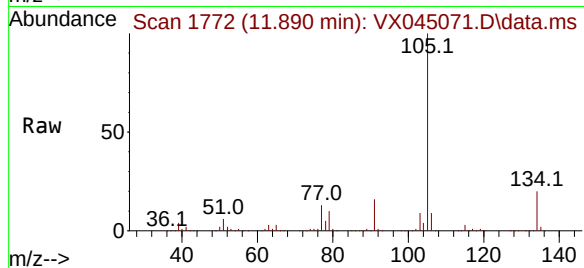
120 44.1 22.1 66.1





#85
sec-Butylbenzene
Concen: 51.353 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

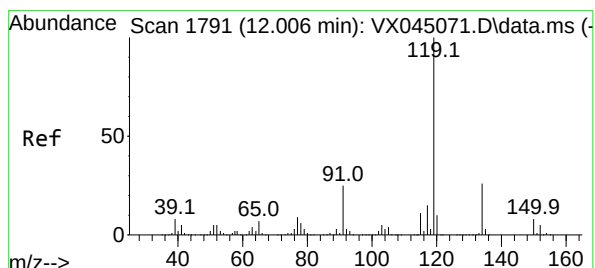
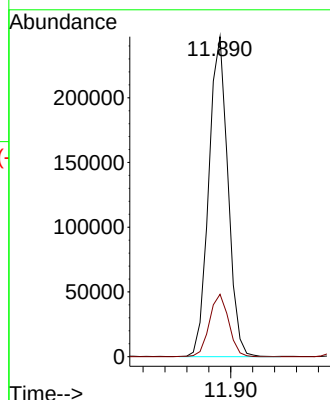
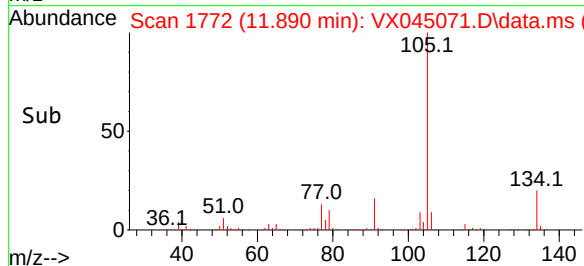
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:105 Resp: 30039
Ion Ratio Lower Upper
105 100
134 19.6 9.8 29.4

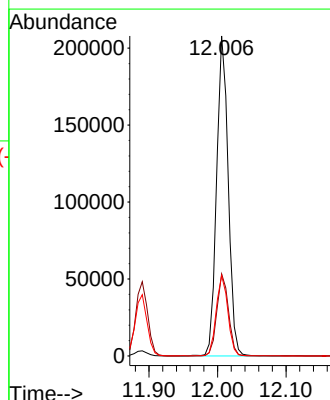
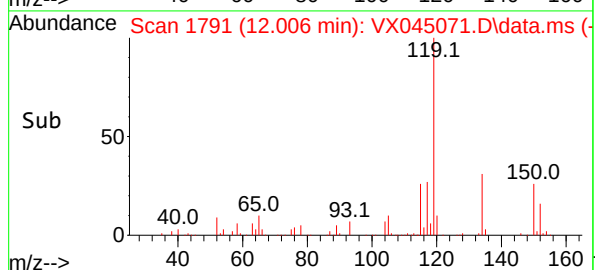
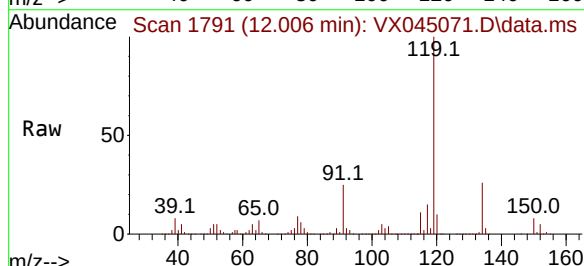
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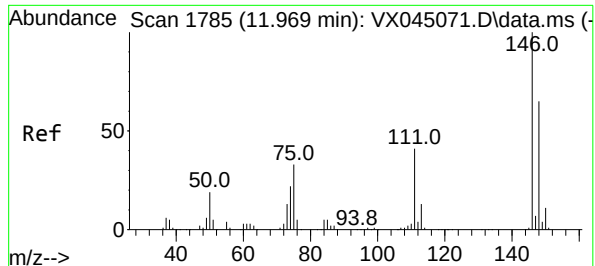
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#86
p-Isopropyltoluene
Concen: 51.964 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:119 Resp: 244031
Ion Ratio Lower Upper
119 100
134 25.7 12.9 38.6
91 25.3 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 49.747 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX045071.D

Acq: 28 Feb 2025 03:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 118879

Ion Ratio Lower Upper

146 100

111 42.3 21.1 63.4

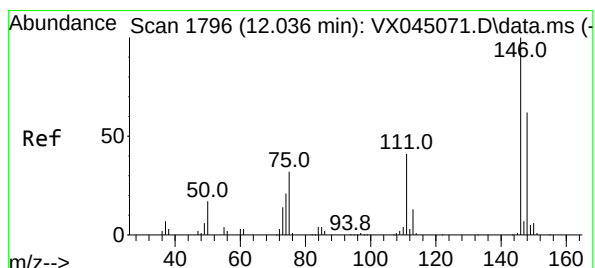
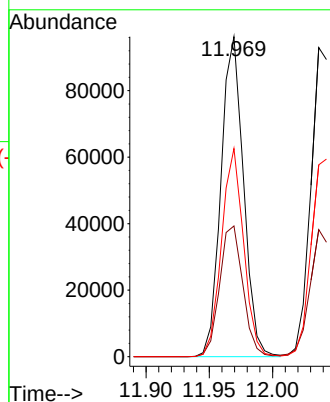
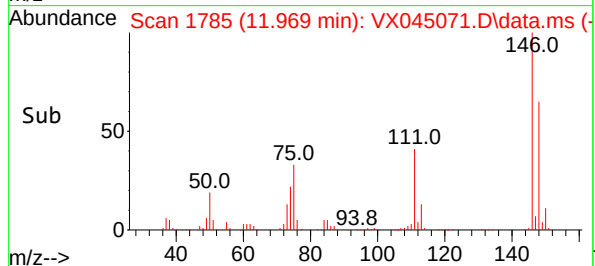
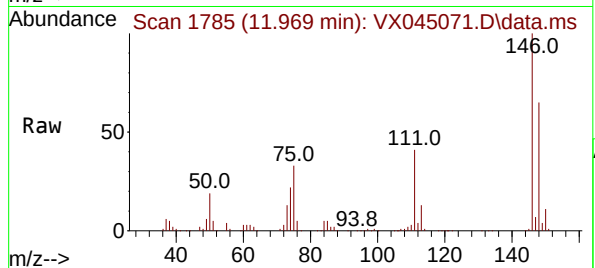
148 63.8 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#88

1,4-Dichlorobenzene

Concen: 49.694 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX045071.D

Acq: 28 Feb 2025 03:00

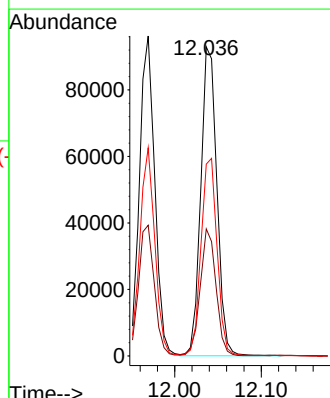
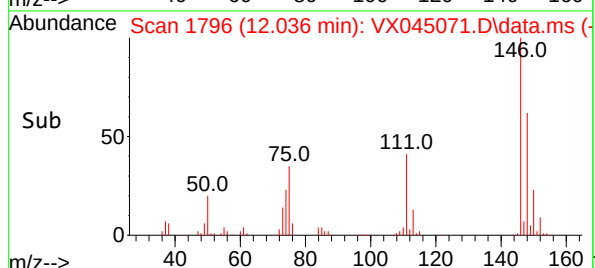
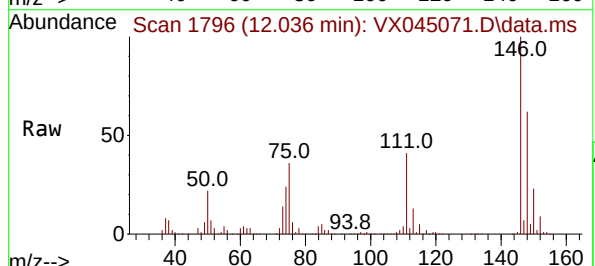
Tgt Ion:146 Resp: 120217

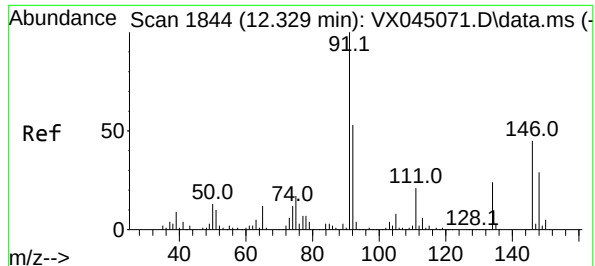
Ion Ratio Lower Upper

146 100

111 40.3 20.2 60.5

148 63.9 31.9 95.9





#89

n-Butylbenzene

Concen: 52.006 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX045071.D

Acq: 28 Feb 2025 03:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 21468

Ion Ratio Lower Upper

91 100

92 53.3 26.7 80.0

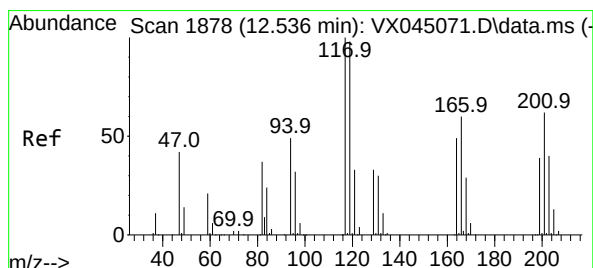
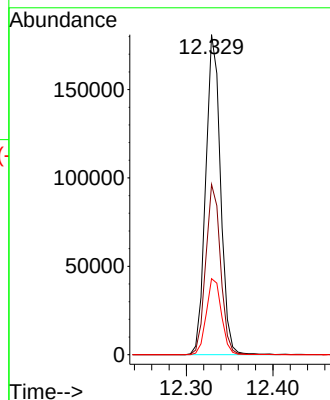
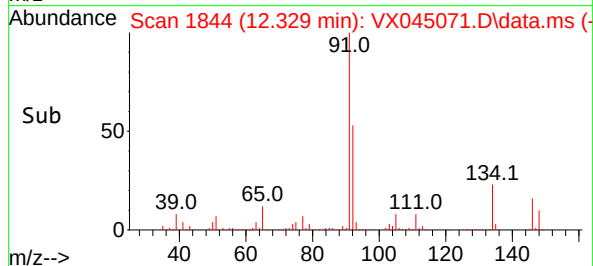
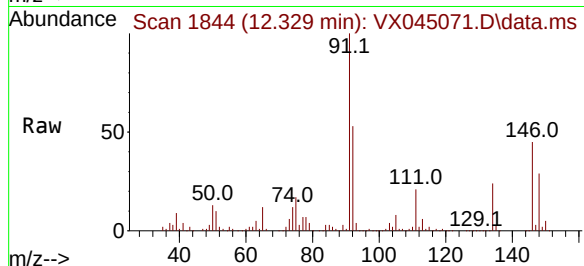
134 24.4 12.2 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#90

Hexachloroethane

Concen: 49.188 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX045071.D

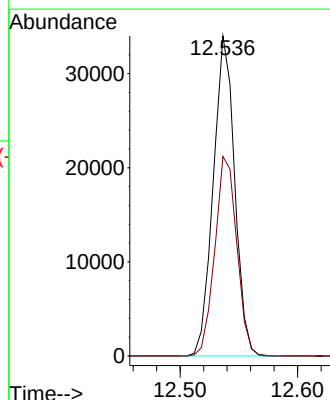
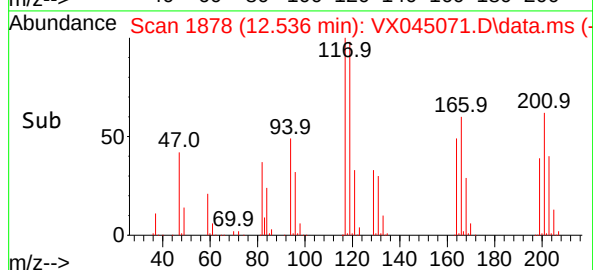
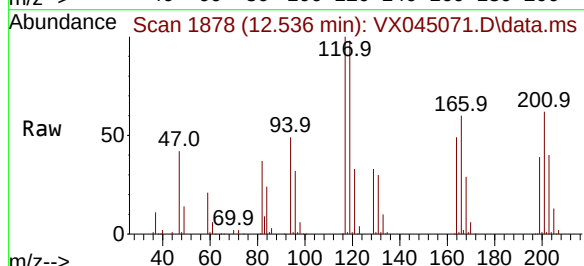
Acq: 28 Feb 2025 03:00

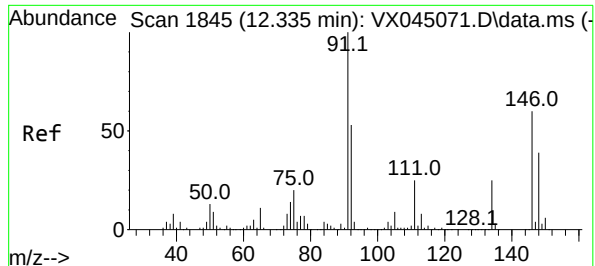
Tgt Ion:117 Resp: 43086

Ion Ratio Lower Upper

117 100

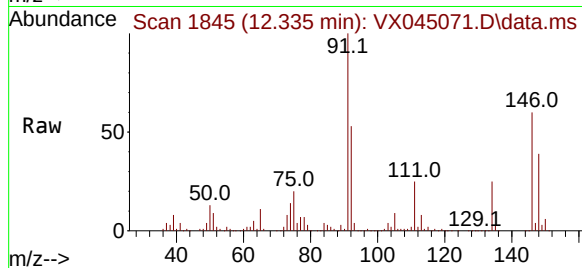
201 63.9 31.9 95.9





#91
1,2-Dichlorobenzene
Concen: 50.557 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

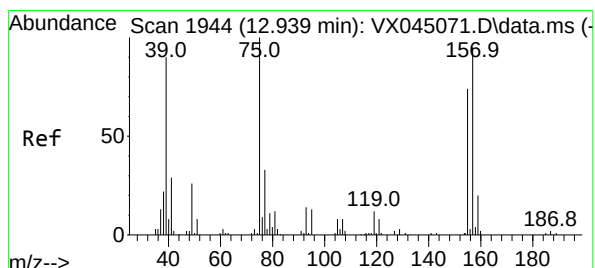
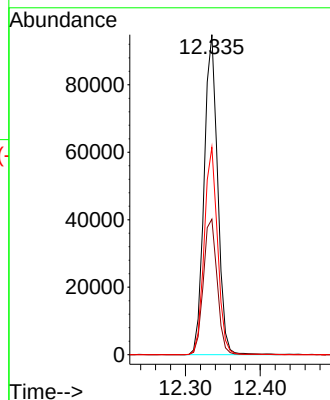
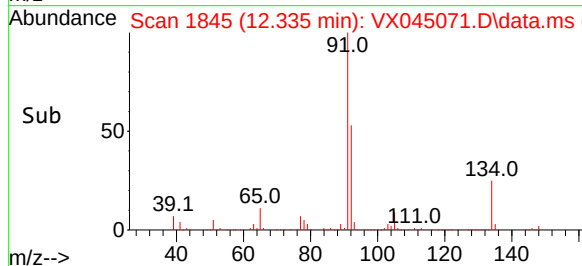
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:146 Resp: 118890
Ion Ratio Lower Upper
146 100
111 43.3 21.6 65.0
148 63.9 31.9 95.9

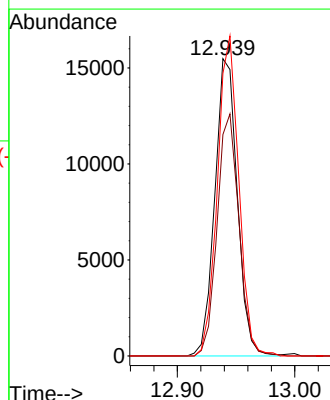
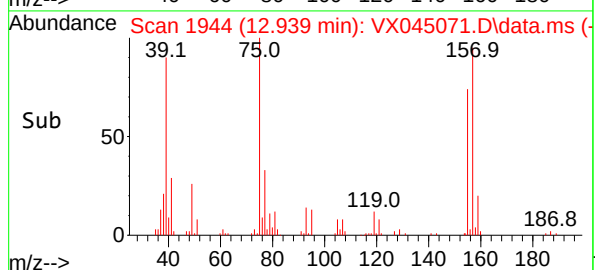
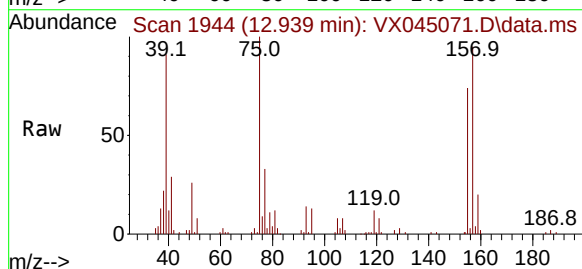
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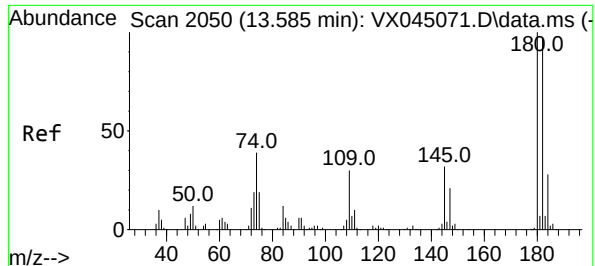
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 56.123 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

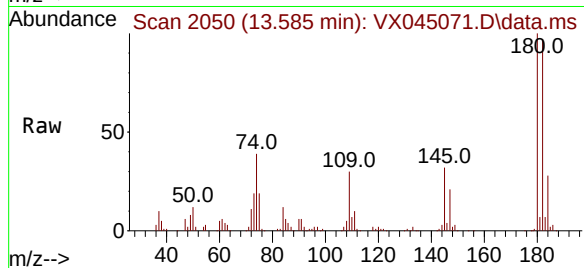
Tgt Ion: 75 Resp: 20610
Ion Ratio Lower Upper
75 100
155 79.1 39.6 118.7
157 102.3 51.1 153.4





#93
1,2,4-Trichlorobenzene
Concen: 50.571 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

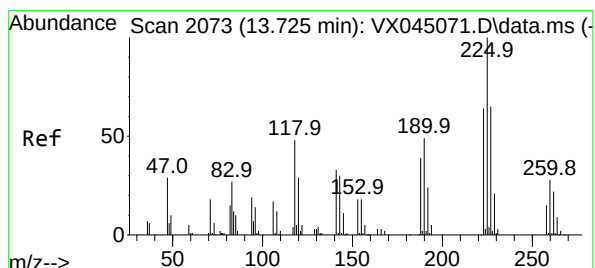
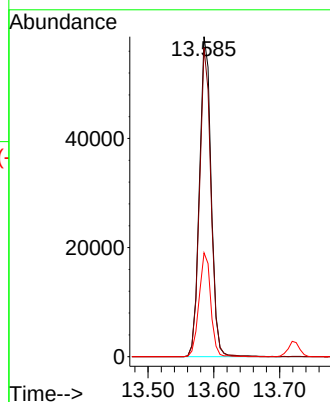
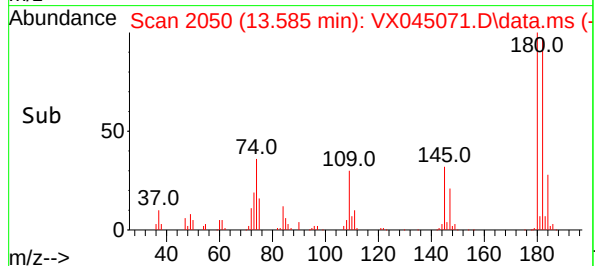
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:180 Resp: 7189
Ion Ratio Lower Upper
180 100
182 94.6 47.3 141.9
145 32.6 16.3 48.9

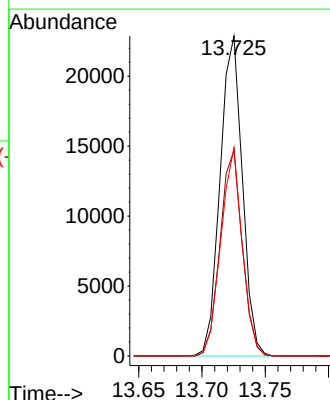
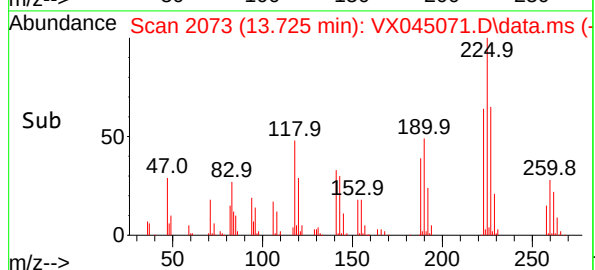
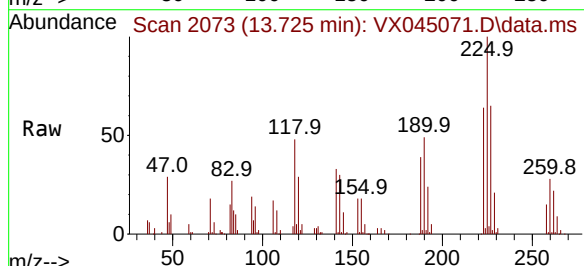
Manual Integrations
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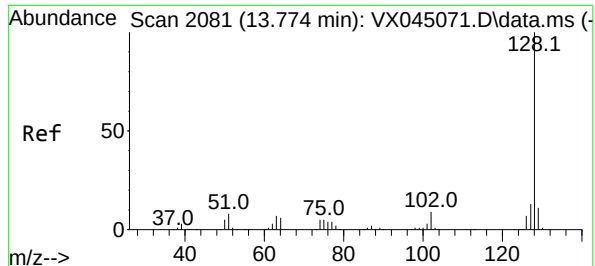
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#94
Hexachlorobutadiene
Concen: 49.245 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

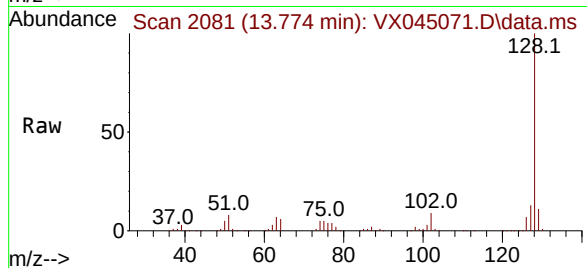
Tgt Ion:225 Resp: 27916
Ion Ratio Lower Upper
225 100
223 63.8 31.9 95.7
227 62.7 31.4 94.0





#95
Naphthalene
Concen: 53.700 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

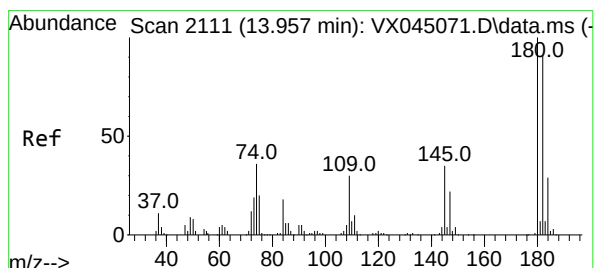
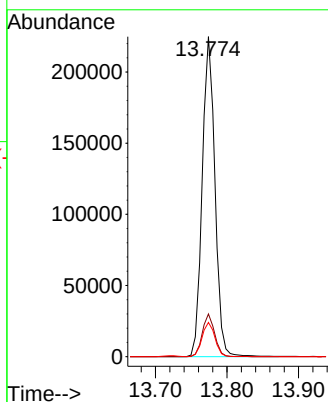
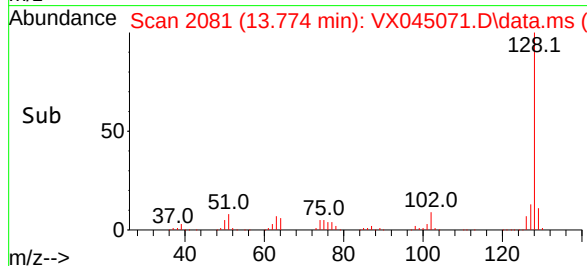
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:128 Resp: 278080
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.7 13.1

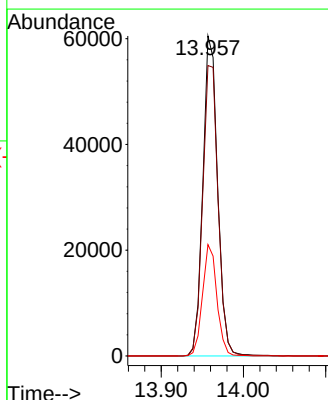
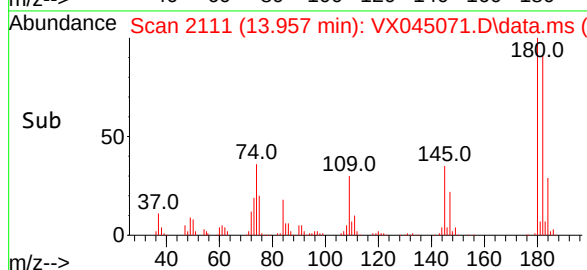
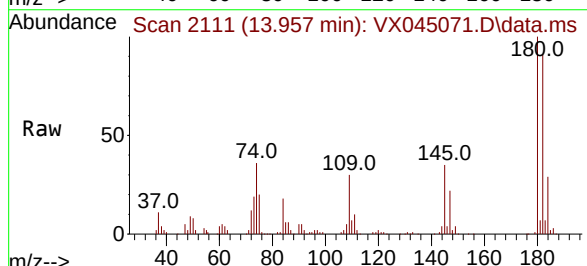
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#96
1,2,3-Trichlorobenzene
Concen: 52.406 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX045071.D
Acq: 28 Feb 2025 03:00

Tgt Ion:180 Resp: 75482
Ion Ratio Lower Upper
180 100
182 95.1 47.5 142.6
145 33.9 17.0 50.9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
 Data File : VX045072.D
 Acq On : 28 Feb 2025 03:23
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Feb 28 05:35:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 05:28:02 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/28/2025
 Supervised By : Mahesh Dadoda 02/28/2025

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	101178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	181031	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	151175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	69086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	158452	106.011	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 212.020%#			
35) Dibromofluoromethane	5.385	113	123185	104.110	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 208.220%#			
50) Toluene-d8	8.647	98	441188	99.595	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 199.200%#			
62) 4-Bromofluorobenzene	11.079	95	148476	100.365	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 200.720%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	126718	90.869	ug/l	95
3) Chloromethane	1.306	50	145825	85.936	ug/l	98
4) Vinyl Chloride	1.373	62	154734	93.360	ug/l	96
5) Bromomethane	1.593	94	57503	110.980	ug/l	97
6) Chloroethane	1.660	64	60155	95.351	ug/l	97
7) Trichlorofluoromethane	1.861	101	198701	93.594	ug/l	99
8) Diethyl Ether	2.135	74	78263	101.441	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.312	101	120518	95.064	ug/l	98
10) Methyl Iodide	2.440	142	153466	94.425	ug/l	99
11) Tert butyl alcohol	3.001	59	135016	493.141	ug/l	98
12) 1,1-Dichloroethene	2.306	96	125436	96.366	ug/l	98
13) Acrolein	2.239	56	180411	608.485	ug/l	99
14) Allyl chloride	2.654	41	220783	94.344	ug/l	98
15) Acrylonitrile	3.068	53	391946	526.749	ug/l	100
16) Acetone	2.392	43	348698	566.991	ug/l	99
17) Carbon Disulfide	2.495	76	345572	97.574	ug/l	98
18) Methyl Acetate	2.709	43	175784	94.899	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	431413	103.661	ug/l	100
20) Methylene Chloride	2.782	84	140388	96.381	ug/l	98
21) trans-1,2-Dichloroethene	3.080	96	128232	100.164	ug/l	98
22) Diisopropyl ether	3.763	45	467534	104.489	ug/l	98
23) Vinyl Acetate	3.721	43	2035880	554.219	ug/l	99
24) 1,1-Dichloroethane	3.605	63	257023	102.805	ug/l	100
25) 2-Butanone	4.562	43	559182	563.952	ug/l	99
26) 2,2-Dichloropropane	4.470	77	124805	67.148	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	155193	100.568	ug/l	99
28) Bromochloromethane	4.897	49	113848	94.428	ug/l	98
29) Tetrahydrofuran	5.007	42	365565	556.465	ug/l	100
30) Chloroform	5.092	83	248978	101.814	ug/l	97
31) Cyclohexane	5.464	56	231082	100.711	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	211302	102.638	ug/l	99
36) 1,1-Dichloropropene	5.690	75	172295	101.258	ug/l	99
37) Ethyl Acetate	4.720	43	220327	113.796	ug/l	99
38) Carbon Tetrachloride	5.671	117	177219	105.940	ug/l	97
39) Methylcyclohexane	7.372	83	219856	101.175	ug/l	99
40) Benzene	6.031	78	541974	101.908	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
 Data File : VX045072.D
 Acq On : 28 Feb 2025 03:23
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025

Quant Time: Feb 28 05:35:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 05:28:02 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	120186	116.205	ug/l	98
42) 1,2-Dichloroethane	6.086	62	189857	110.158	ug/l	99
43) Isopropyl Acetate	6.342	43	338414	109.806	ug/l	99
44) Trichloroethene	7.122	130	128124	105.402	ug/l	96
45) 1,2-Dichloropropane	7.427	63	135997	102.898	ug/l	100
46) Dibromomethane	7.580	93	97248	105.329	ug/l	99
47) Bromodichloromethane	7.817	83	191016	106.947	ug/l	97
48) Methyl methacrylate	7.695	41	165825	113.344	ug/l	99
49) 1,4-Dioxane	7.665	88	66308	2132.314	ug/l	99
51) 4-Methyl-2-Pentanone	8.573	43	1048140	555.050	ug/l	99
52) Toluene	8.714	92	316349	100.178	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	177352	100.462	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	200943	101.815	ug/l	98
55) 1,1,2-Trichloroethane	9.146	97	123426	100.920	ug/l	99
56) Ethyl methacrylate	9.116	69	208782	106.744	ug/l	100
57) 1,3-Dichloropropane	9.305	76	216267	101.387	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	494551	514.987	ug/l	99
59) 2-Hexanone	9.433	43	779492	572.233	ug/l	99
60) Dibromochloromethane	9.518	129	139245	106.719	ug/l	99
61) 1,2-Dibromoethane	9.610	107	128617	104.259	ug/l	99
64) Tetrachloroethene	9.268	164	99386	103.491	ug/l	98
65) Chlorobenzene	10.079	112	332473	102.456	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.158	131	112451	107.511	ug/l	96
67) Ethyl Benzene	10.189	91	596257	103.905	ug/l	100
68) m/p-Xylenes	10.299	106	432214	204.507	ug/l	99
69) o-Xylene	10.640	106	213835	100.849	ug/l	99
70) Styrene	10.652	104	357649	104.948	ug/l	99
71) Bromoform	10.799	173	90800	116.751	ug/l #	99
73) Isopropylbenzene	10.963	105	553533	99.138	ug/l	99
74) N-amyl acetate	10.841	43	287104	113.277	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	192217	99.923	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	156259m	101.395	ug/l	
77) Bromobenzene	11.195	156	125700	99.175	ug/l	97
78) n-propylbenzene	11.305	91	648835	100.758	ug/l	99
79) 2-Chlorotoluene	11.359	91	382703	96.825	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	445466	98.356	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	51975	91.460	ug/l	99
82) 4-Chlorotoluene	11.451	91	433881	99.168	ug/l	100
83) tert-Butylbenzene	11.713	119	454859	99.288	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	450108	100.926	ug/l	99
85) sec-Butylbenzene	11.890	105	570006	100.517	ug/l	100
86) p-Isopropyltoluene	12.006	119	465512	102.252	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	231440	99.903	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	230663	98.355	ug/l	99
89) n-Butylbenzene	12.329	91	428209	107.000	ug/l	99
90) Hexachloroethane	12.536	117	87448	102.980	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	233125	102.254	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	41402	116.296	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	148368	107.648	ug/l	99
94) Hexachlorobutadiene	13.725	225	56065	102.019	ug/l	99
95) Naphthalene	13.774	128	565250	112.593	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	152970	109.554	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045072.D
Acq On : 28 Feb 2025 03:23
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

Quant Time: Feb 28 05:35:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

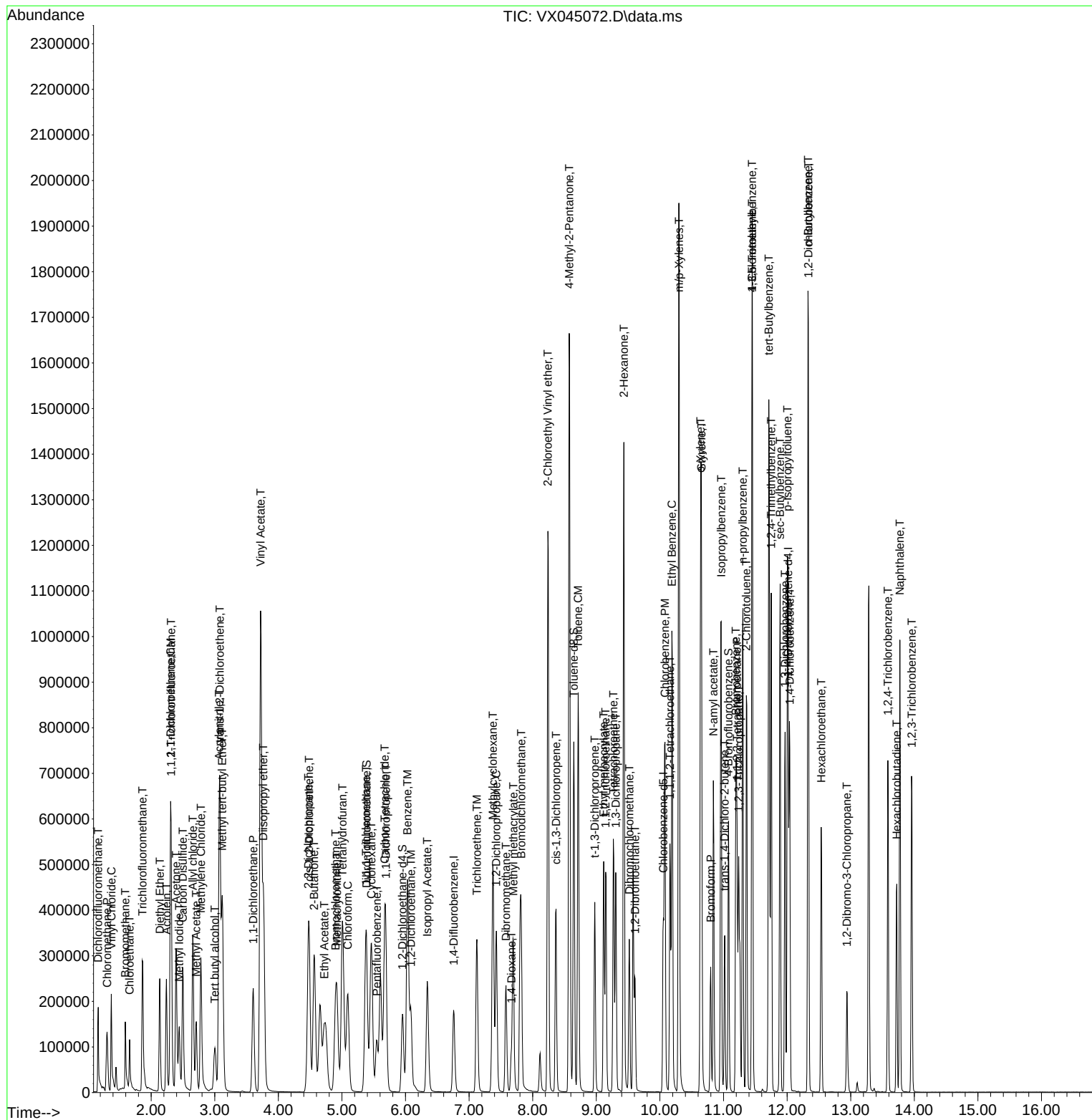
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

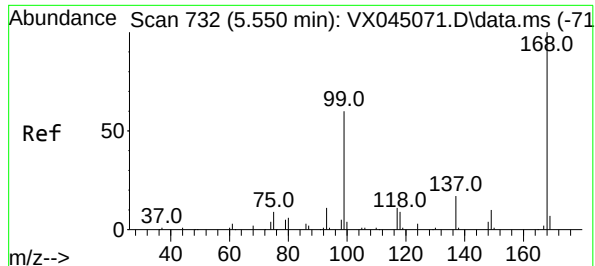
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025





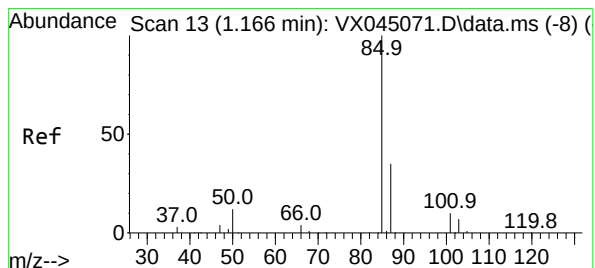
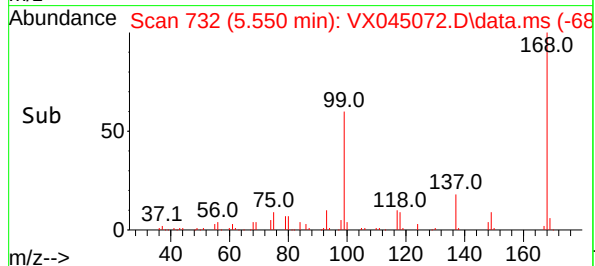
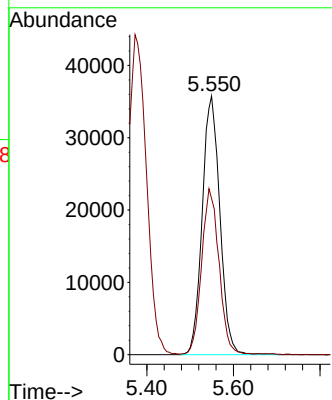
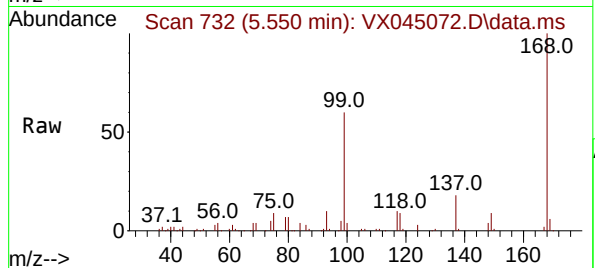
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:168 Resp: 101178
Ion Ratio Lower Upper
168 100
99 60.2 48.2 72.4

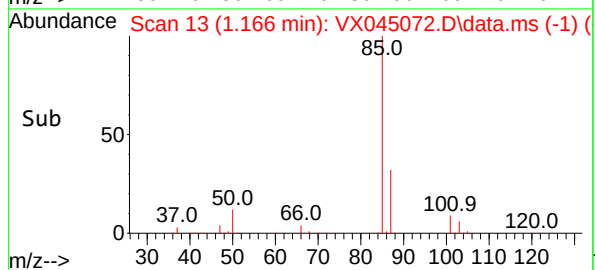
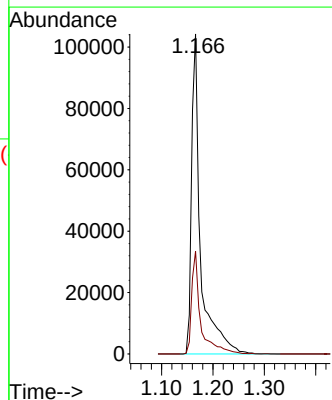
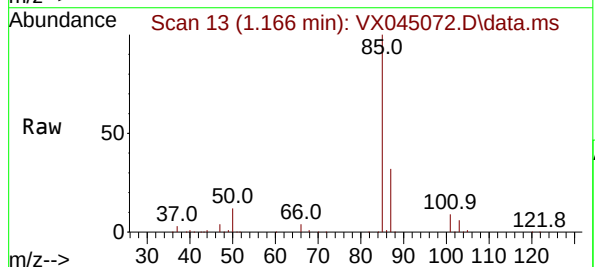
Manual Integrations
APPROVED

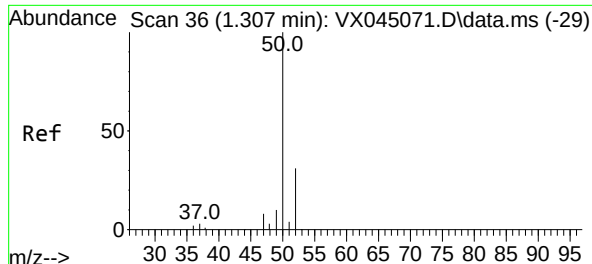
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#2
Dichlorodifluoromethane
Concen: 90.869 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

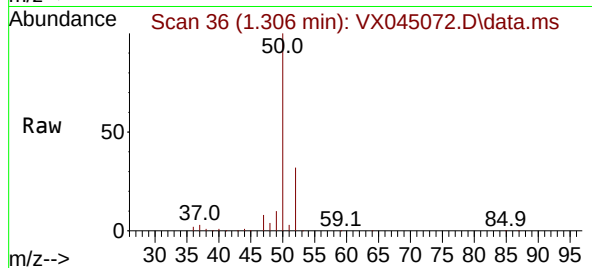
Tgt Ion: 85 Resp: 126718
Ion Ratio Lower Upper
85 100
87 32.1 17.4 52.3





#3
Chloromethane
Concen: 85.936 ug/l
RT: 1.306 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

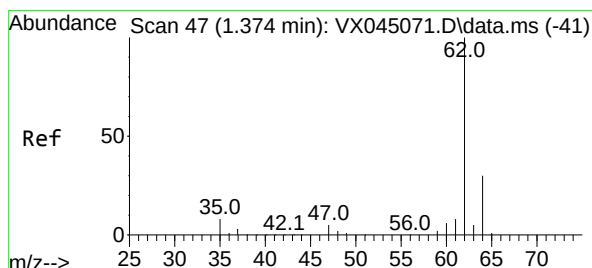
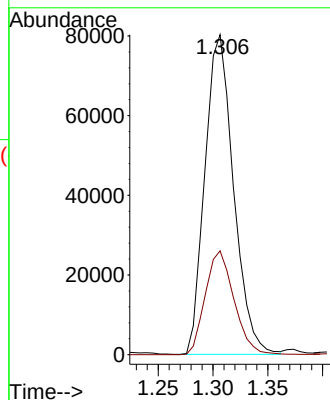
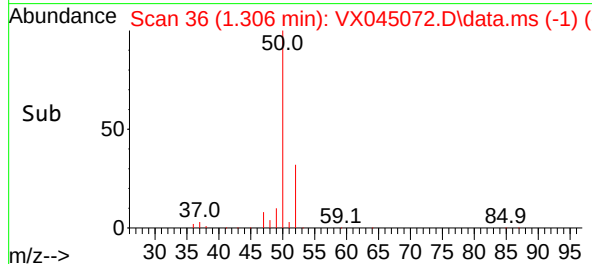
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 50 Resp: 145825
Ion Ratio Lower Upper
50 100
52 32.5 25.0 37.4

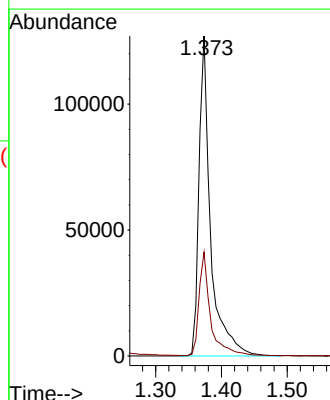
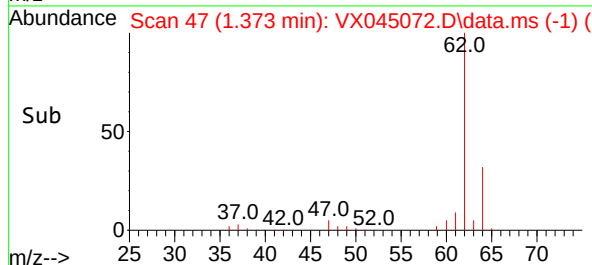
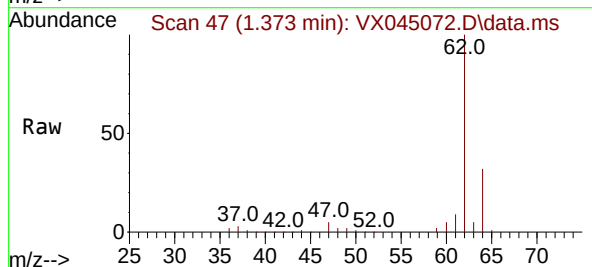
Manual Integrations
APPROVED

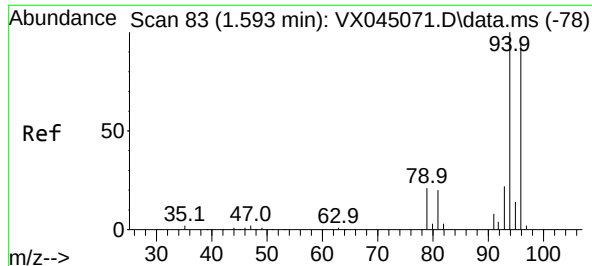
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#4
Vinyl Chloride
Concen: 93.360 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 62 Resp: 154734
Ion Ratio Lower Upper
62 100
64 32.4 24.3 36.5





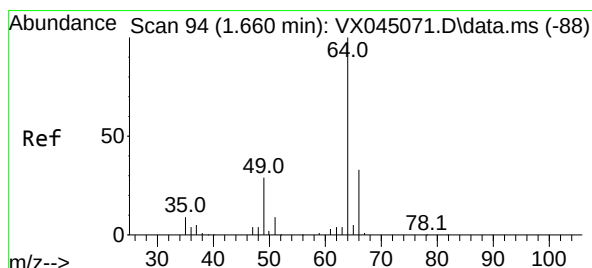
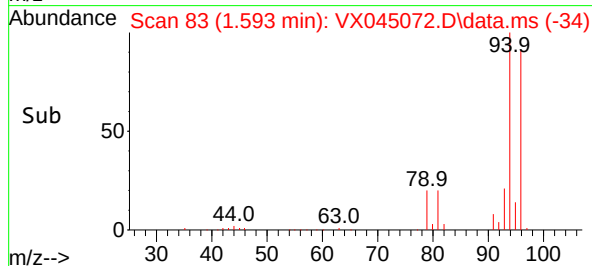
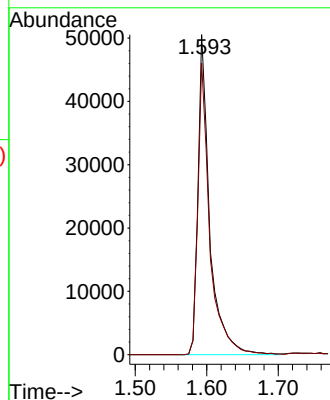
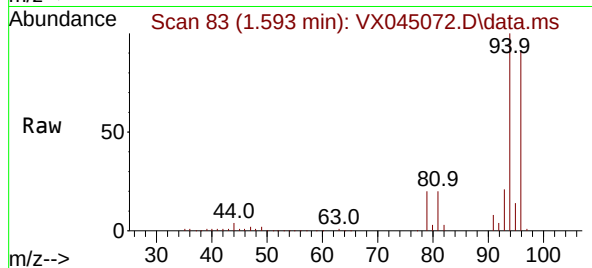
#5
Bromomethane
Concen: 110.980 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 94 Resp: 5750
Ion Ratio Lower Upper
94 100
96 91.2 75.0 112.4

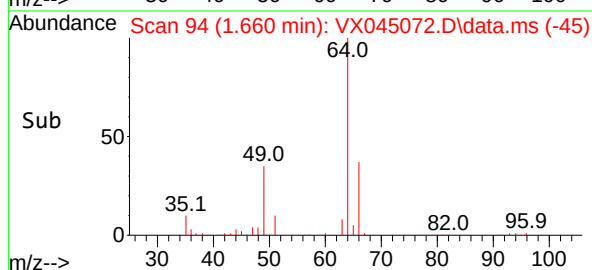
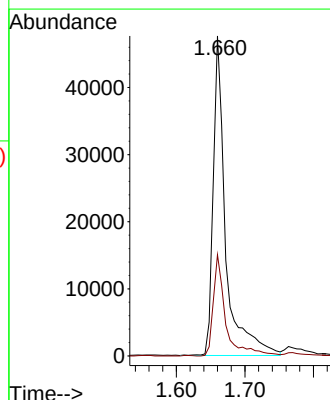
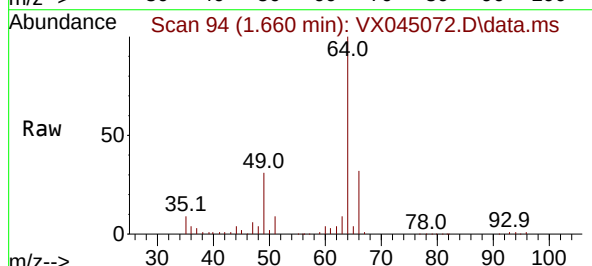
Manual Integrations
APPROVED

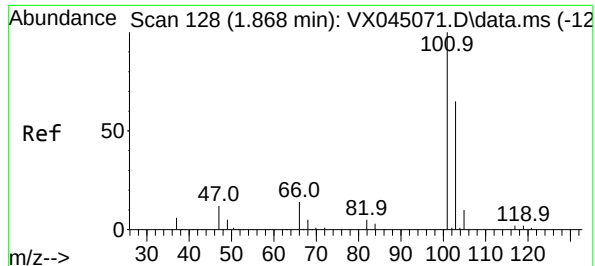
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#6
Chloroethane
Concen: 95.351 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

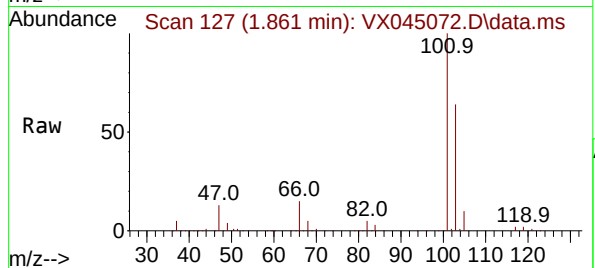
Tgt Ion: 64 Resp: 60155
Ion Ratio Lower Upper
64 100
66 31.7 26.7 40.1





#7
Trichlorofluoromethane
Concen: 93.594 ug/l
RT: 1.861 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

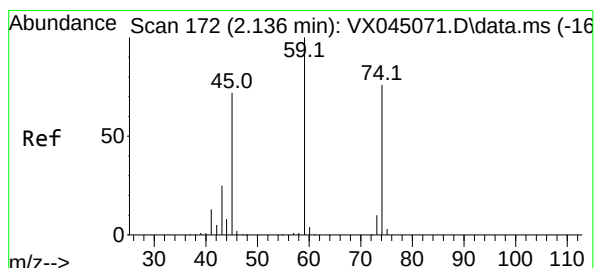
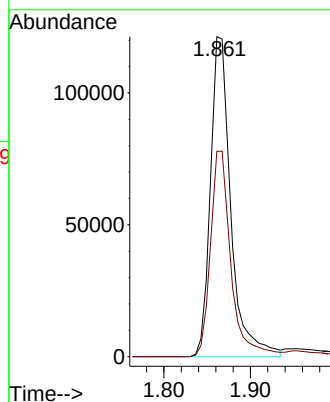
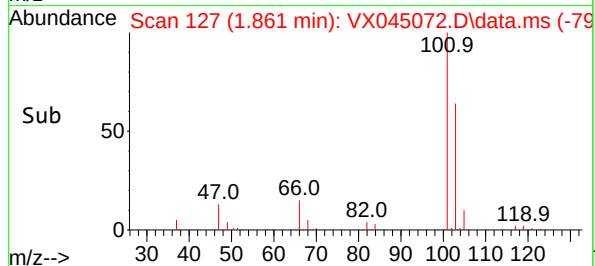
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:101 Resp: 19870
Ion Ratio Lower Upper
101 100
103 64.2 52.1 78.1

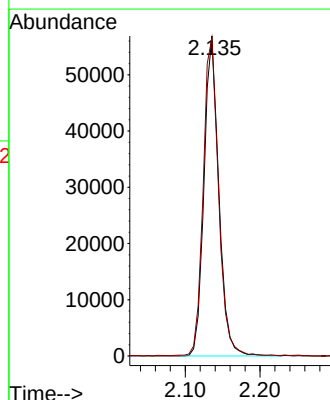
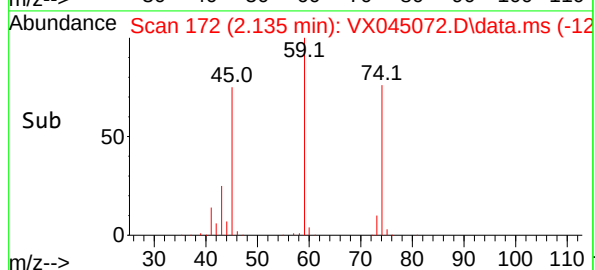
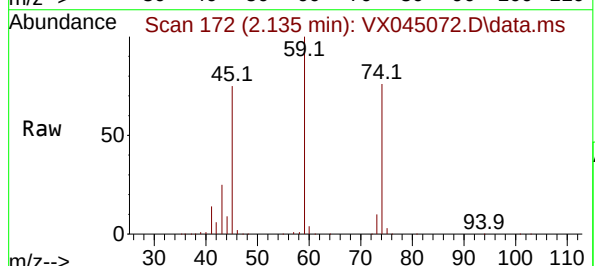
Manual Integrations
APPROVED

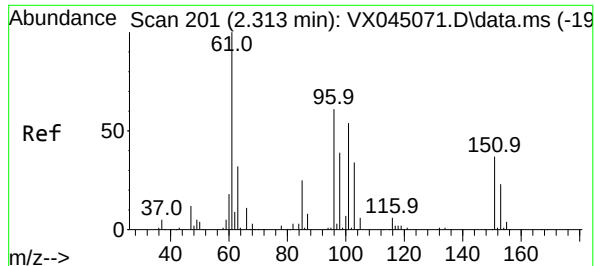
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#8
Diethyl Ether
Concen: 101.441 ug/l
RT: 2.135 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

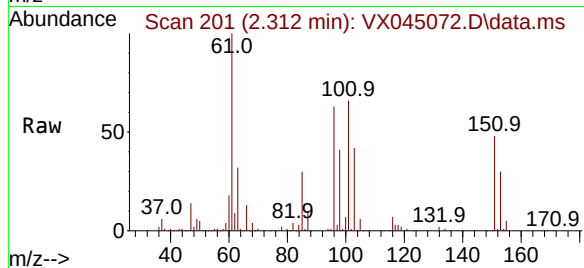
Tgt Ion: 74 Resp: 78263
Ion Ratio Lower Upper
74 100
45 102.7 51.5 154.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 95.064 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

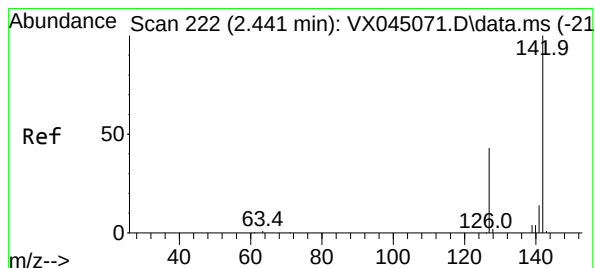
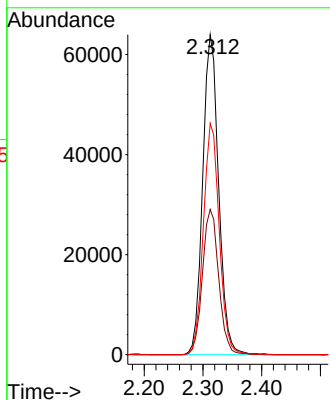
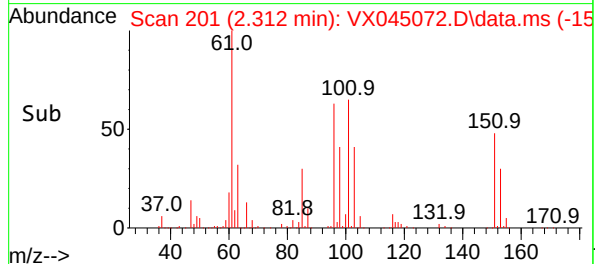
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



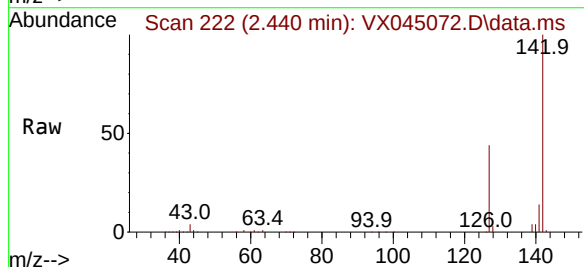
Tgt Ion:101 Resp: 120518
Ion Ratio Lower Upper
101 100
85 46.5 36.2 54.4
151 72.4 56.4 84.6

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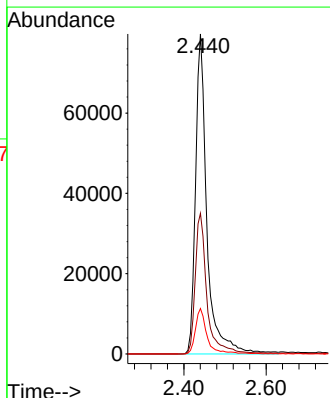
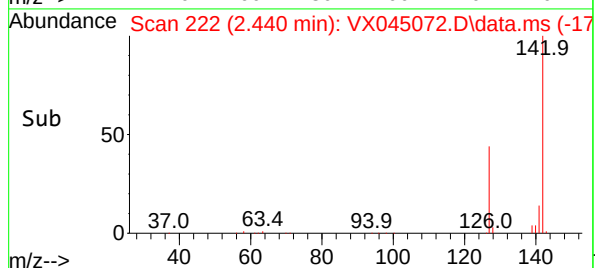
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

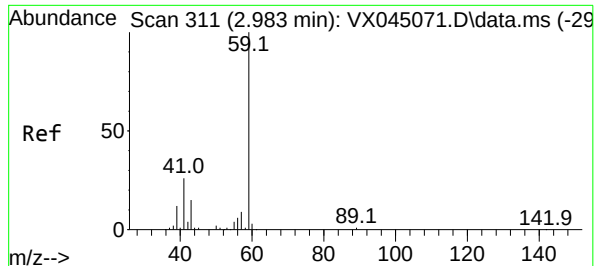


#10
Methyl Iodide
Concen: 94.425 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23



Tgt Ion:142 Resp: 153466
Ion Ratio Lower Upper
142 100
127 45.0 35.4 53.2
141 14.4 11.6 17.4





#11

Tert butyl alcohol

Concen: 493.141 ug/l

RT: 3.001 min Scan# 311

Delta R.T. 0.018 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 59 Resp: 135010

Ion Ratio Lower Upper

59 100

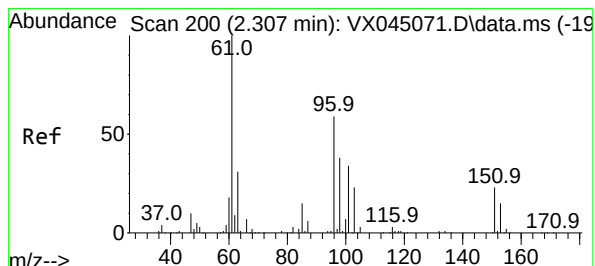
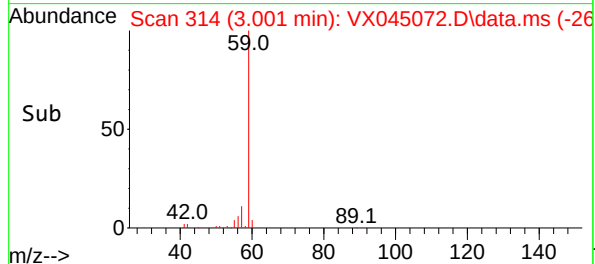
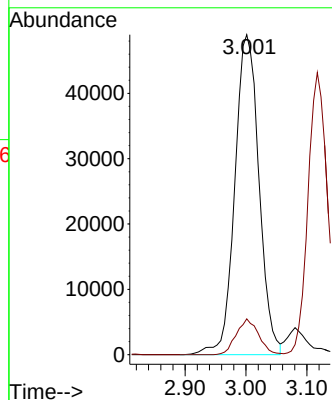
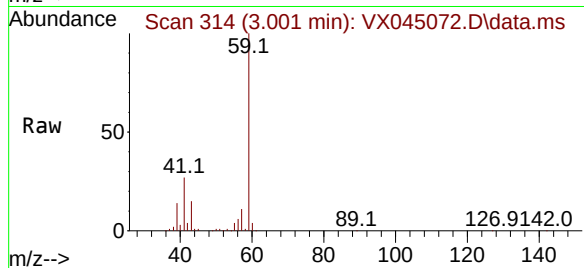
57 10.4 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#12

1,1-Dichloroethene

Concen: 96.366 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.000 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

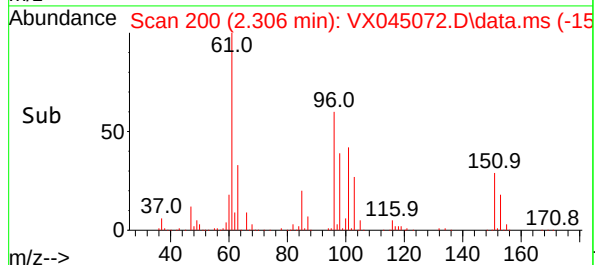
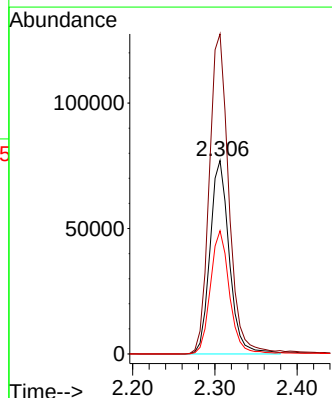
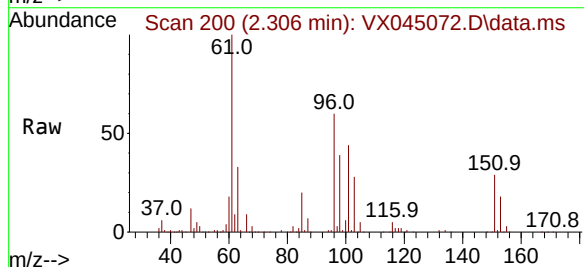
Tgt Ion: 96 Resp: 125436

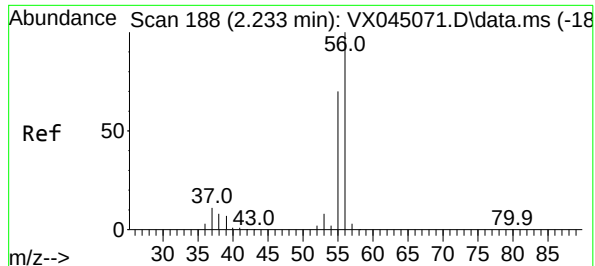
Ion Ratio Lower Upper

96 100

61 165.4 134.6 202.0

98 63.7 51.0 76.6





#13

Acrolein

Concen: 608.485 ug/l

RT: 2.239 min Scan# 188

Delta R.T. 0.006 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 56 Resp: 18041

Ion Ratio Lower Upper

56 100

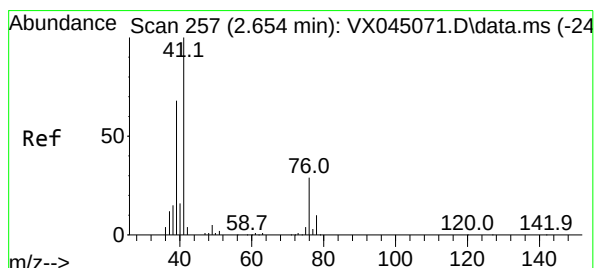
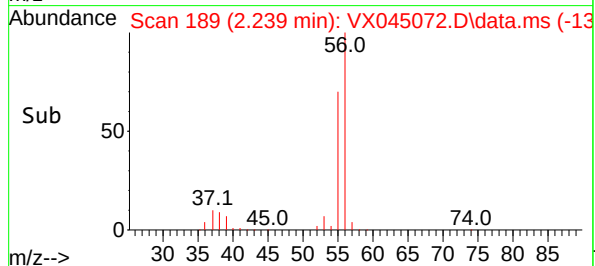
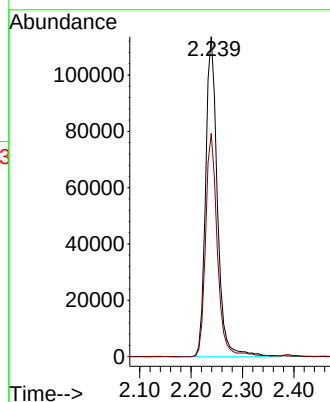
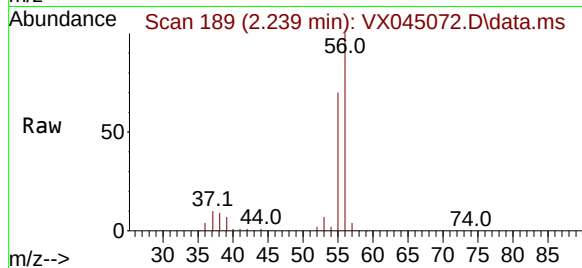
55 69.8 56.2 84.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#14

Allyl chloride

Concen: 94.344 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.000 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

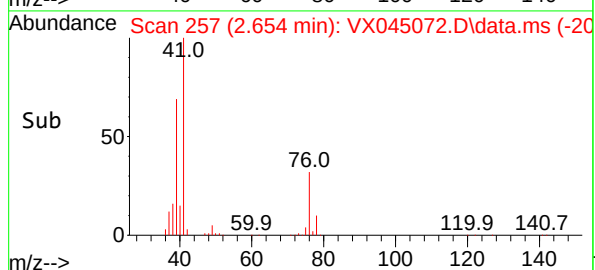
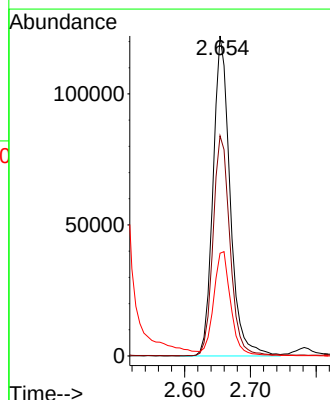
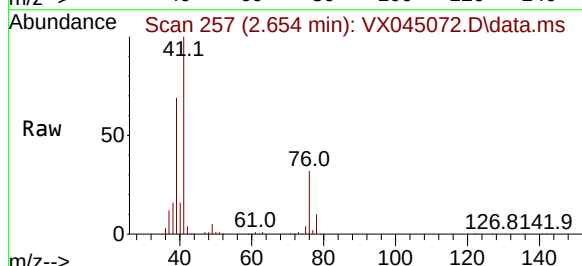
Tgt Ion: 41 Resp: 220783

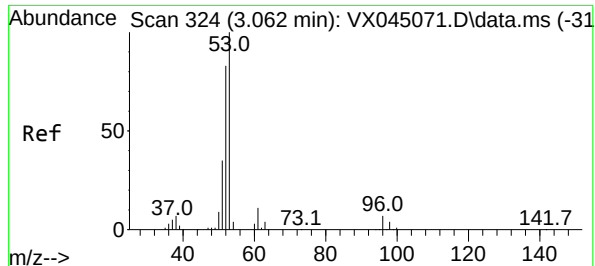
Ion Ratio Lower Upper

41 100

39 68.4 53.8 80.8

76 32.6 25.2 37.8





#15

Acrylonitrile

Concen: 526.749 ug/l

RT: 3.068 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 53 Resp: 391940

Ion Ratio Lower Upper

53 100

52 82.9 66.2 99.2

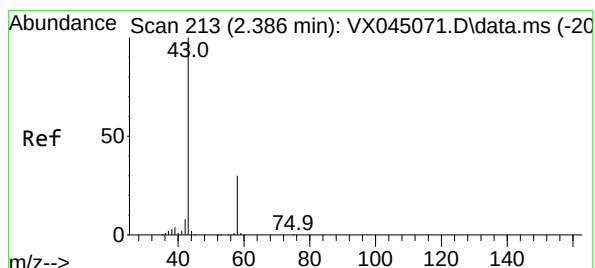
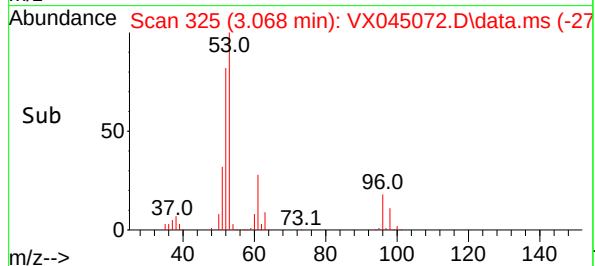
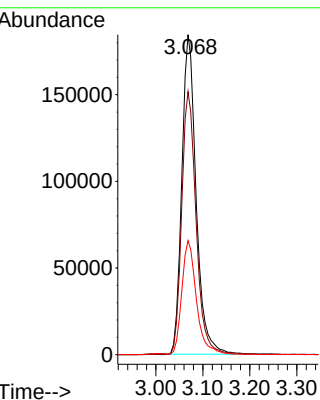
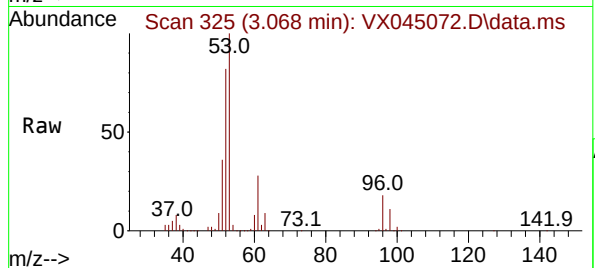
51 36.6 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#16

Acetone

Concen: 566.991 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX045072.D

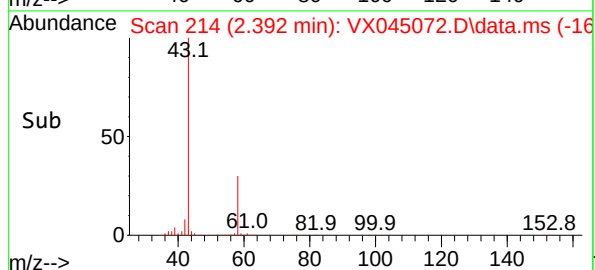
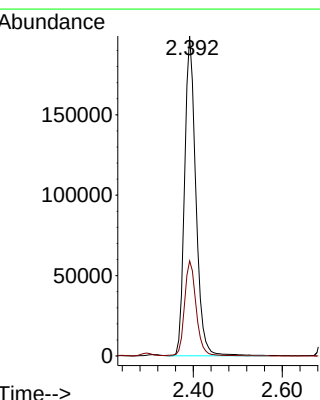
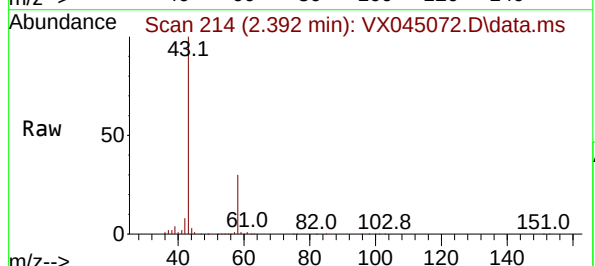
Acq: 28 Feb 2025 03:23

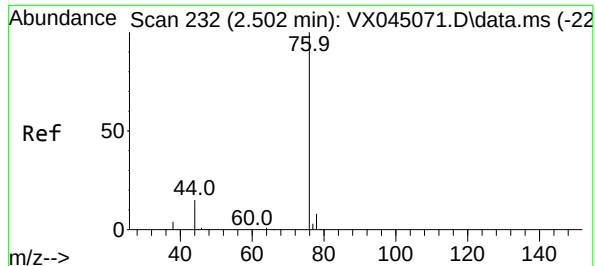
Tgt Ion: 43 Resp: 348698

Ion Ratio Lower Upper

43 100

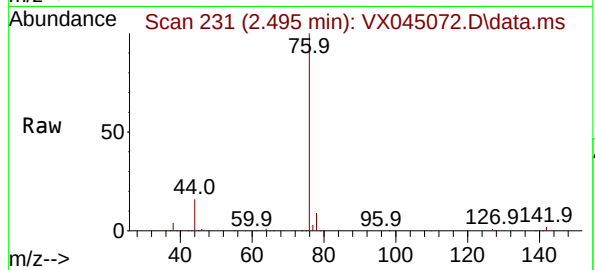
58 29.7 24.2 36.4





#17
Carbon Disulfide
Concen: 97.574 ug/l
RT: 2.495 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

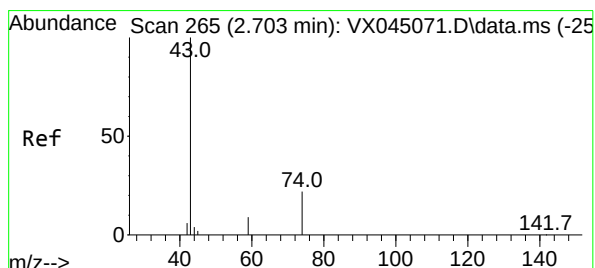
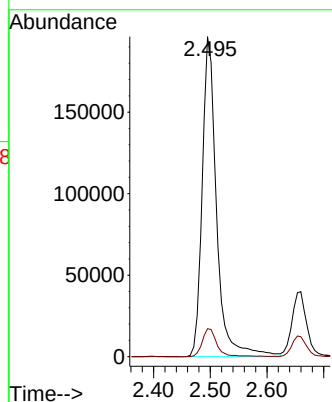
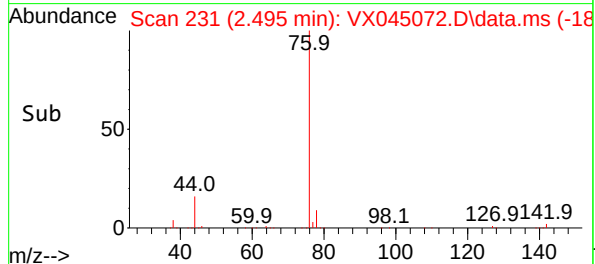
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 76 Resp: 345572
Ion Ratio Lower Upper
76 100
78 8.7 6.6 9.8

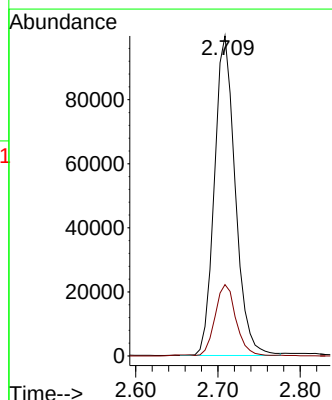
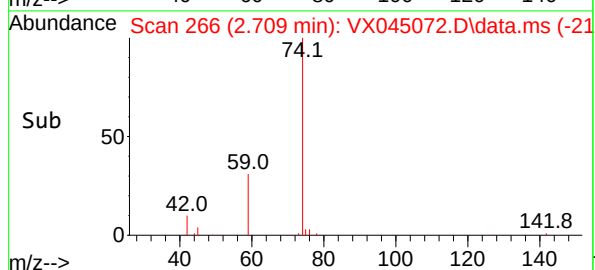
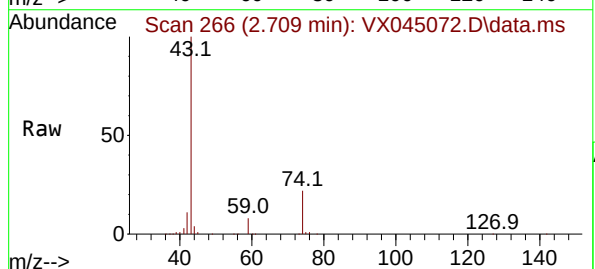
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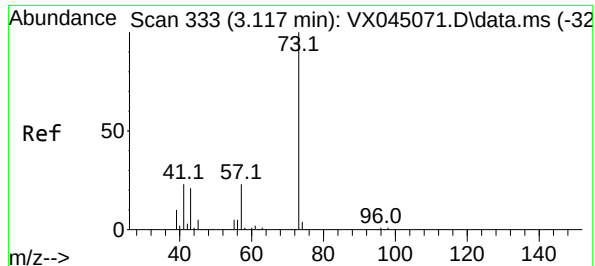
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#18
Methyl Acetate
Concen: 94.899 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 43 Resp: 175784
Ion Ratio Lower Upper
43 100
74 22.7 17.4 26.2





#19

Methyl tert-butyl Ether

Concen: 103.661 ug/l

RT: 3.117 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 73 Resp: 43141

Ion Ratio Lower Upper

73 100

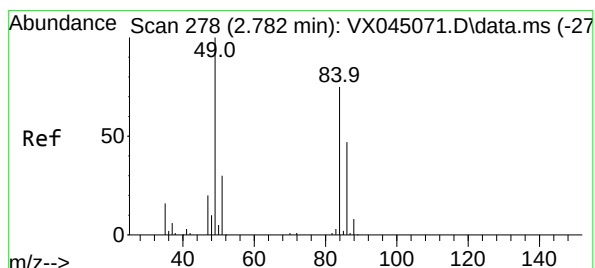
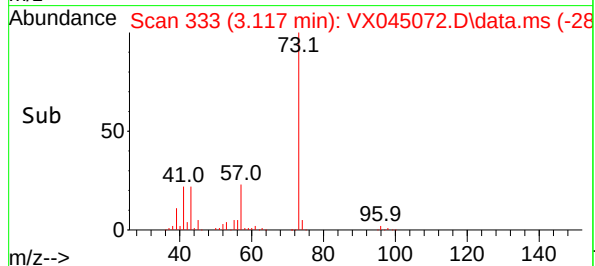
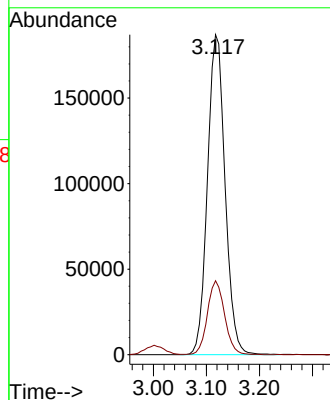
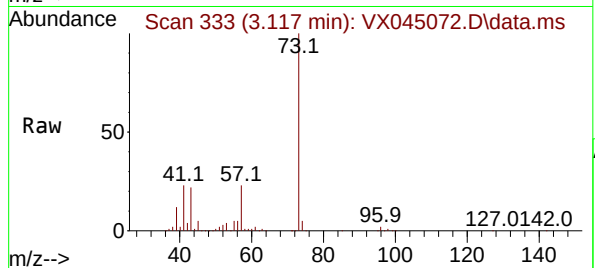
57 23.0 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#20

Methylene Chloride

Concen: 96.381 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

Tgt Ion: 84 Resp: 140388

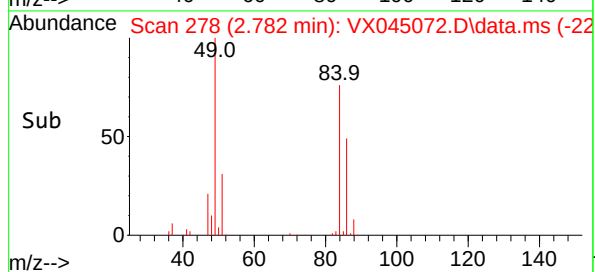
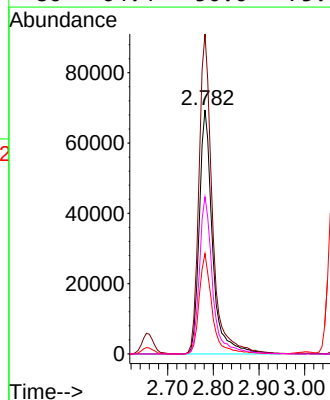
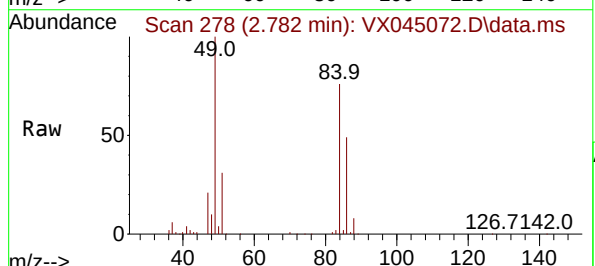
Ion Ratio Lower Upper

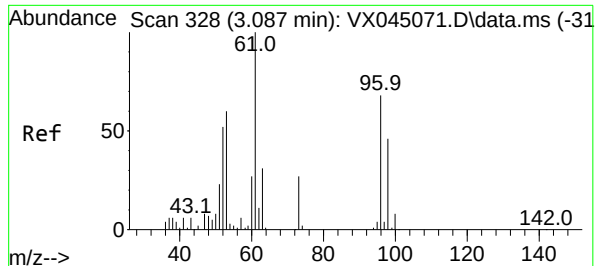
84 100

49 131.2 106.5 159.7

51 41.2 32.1 48.1

86 64.4 50.0 75.0





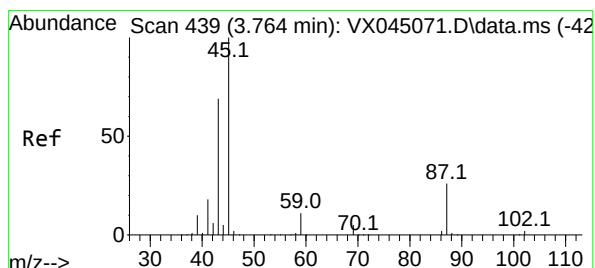
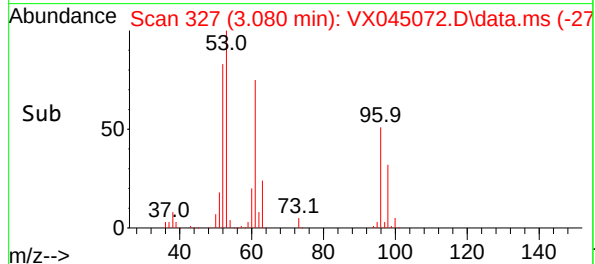
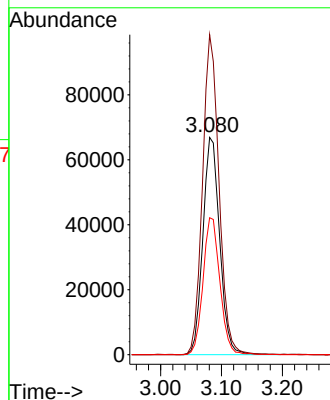
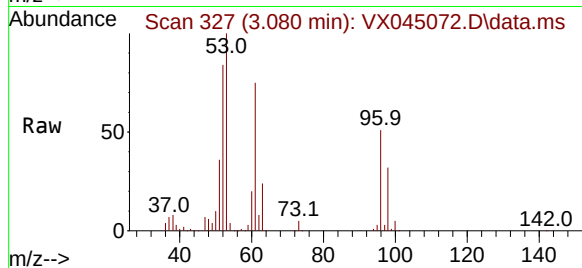
#21
trans-1,2-Dichloroethene
Concen: 100.164 ug/l
RT: 3.080 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 96 Resp: 12823
Ion Ratio Lower Upper
96 100
61 147.3 117.0 175.4
98 63.0 53.4 80.2

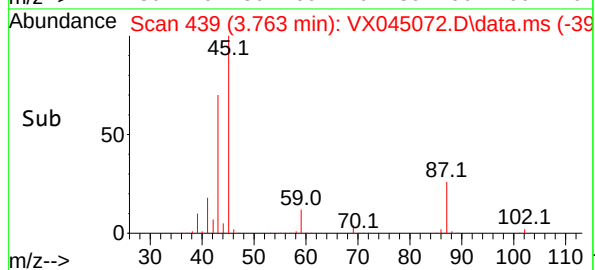
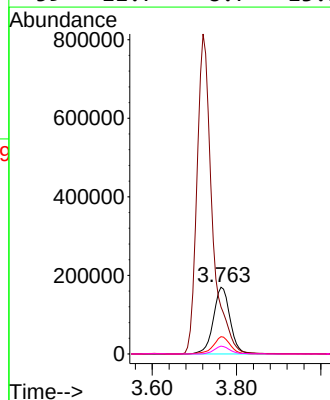
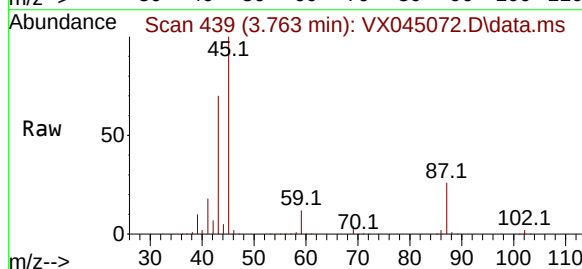
Manual Integrations
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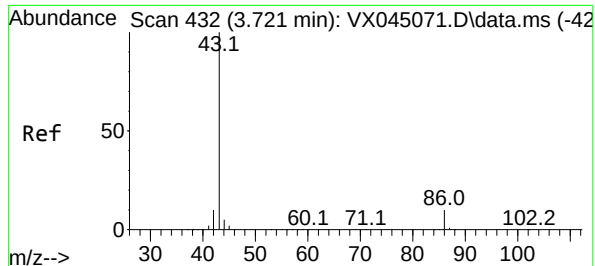
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#22
Diisopropyl ether
Concen: 104.489 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 45 Resp: 467534
Ion Ratio Lower Upper
45 100
43 70.4 54.9 82.3
87 26.0 21.0 31.4
59 11.7 8.7 13.1





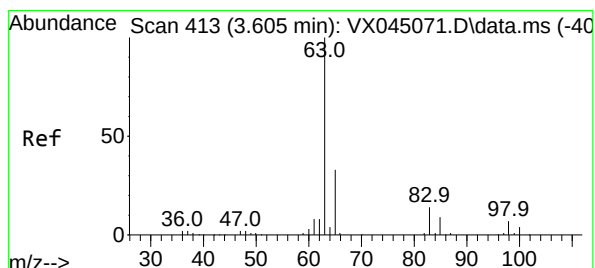
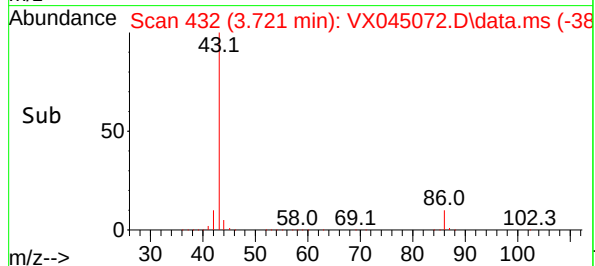
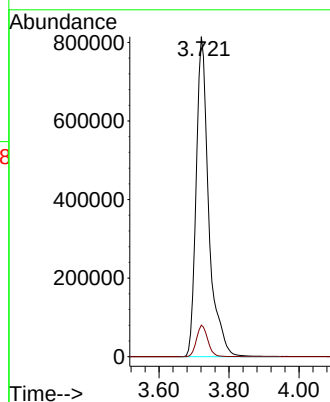
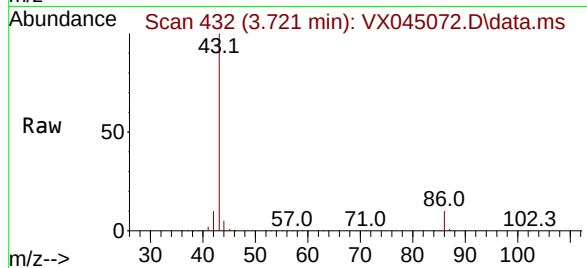
#23
Vinyl Acetate
Concen: 554.219 ug/l
RT: 3.721 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 2035880
Ion Ratio Lower Upper
43 100
86 9.9 8.1 12.1

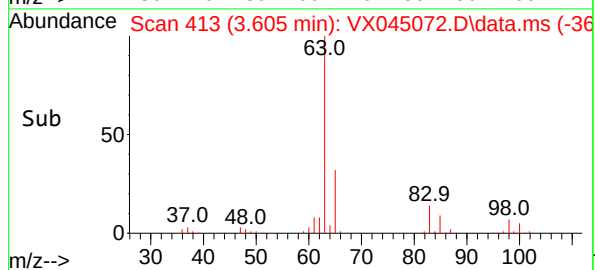
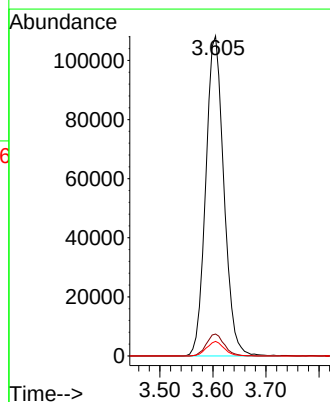
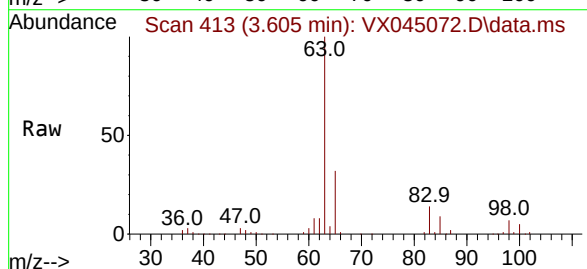
Manual Integrations
APPROVED

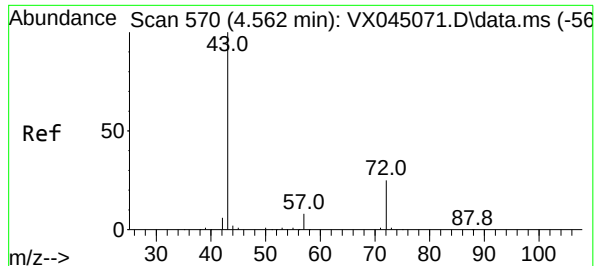
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#24
1,1-Dichloroethane
Concen: 102.805 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 63 Resp: 257023
Ion Ratio Lower Upper
63 100
98 6.8 3.4 10.2
100 4.6 2.1 6.5





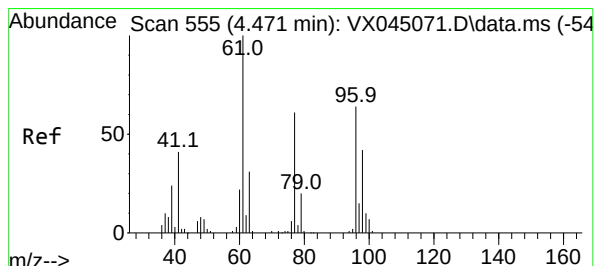
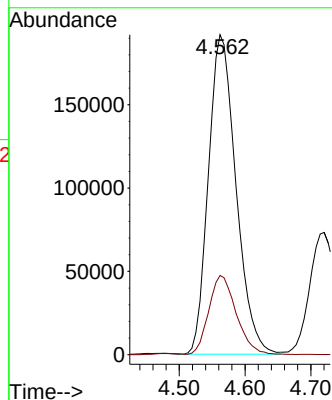
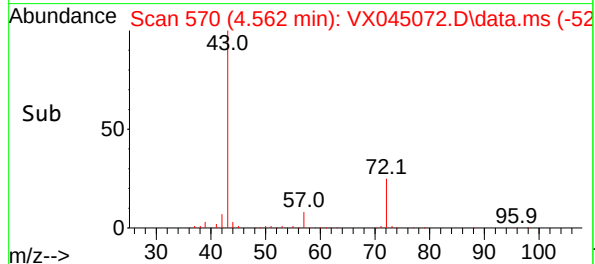
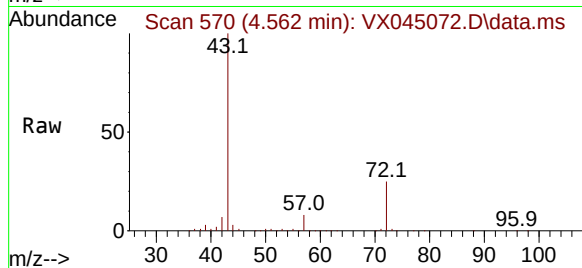
#25
2-Butanone
Concen: 563.952 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 55918
Ion Ratio Lower Upper
43 100
72 24.6 20.0 30.0

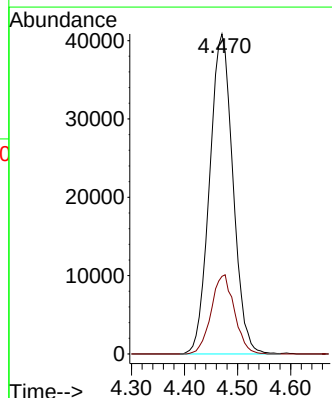
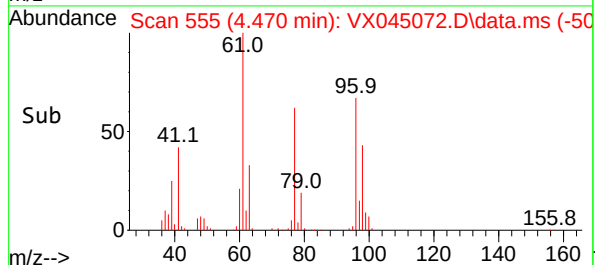
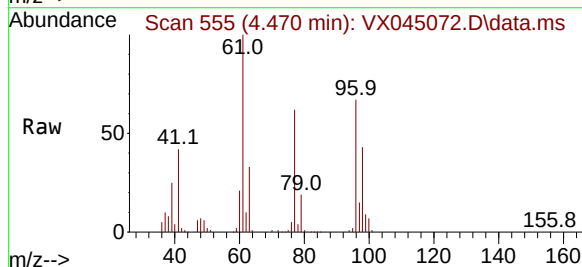
Manual Integrations
APPROVED

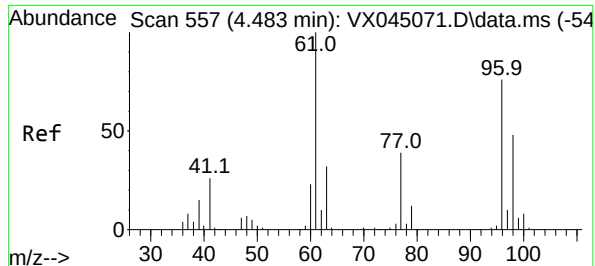
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#26
2,2-Dichloropropane
Concen: 67.148 ug/l
RT: 4.470 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 77 Resp: 124805
Ion Ratio Lower Upper
77 100
97 24.6 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 100.568 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 96 Resp: 15519

Ion Ratio Lower Upper

96 100

61 143.8 0.0 283.2

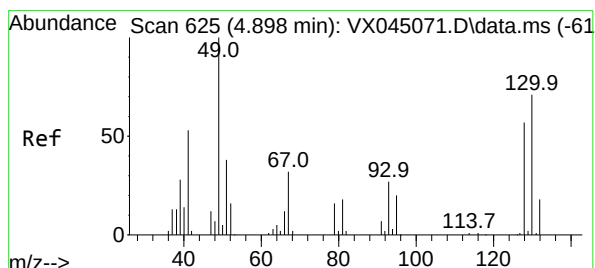
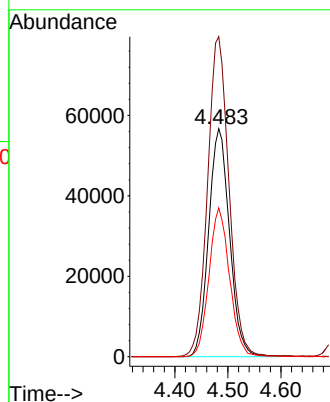
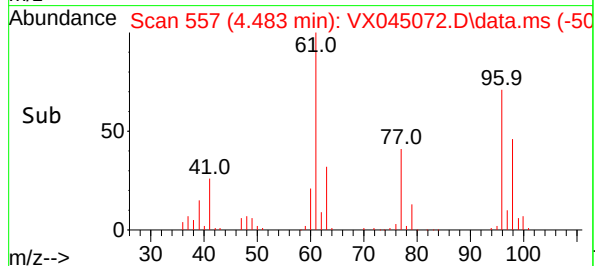
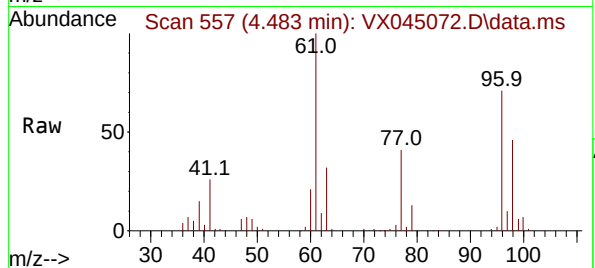
98 64.3 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#28

Bromochloromethane

Concen: 94.428 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.000 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

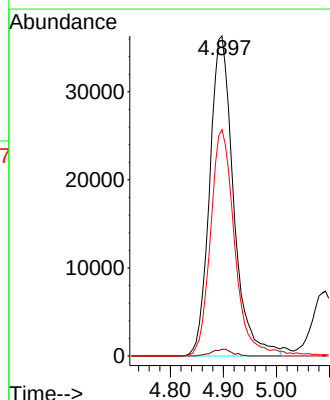
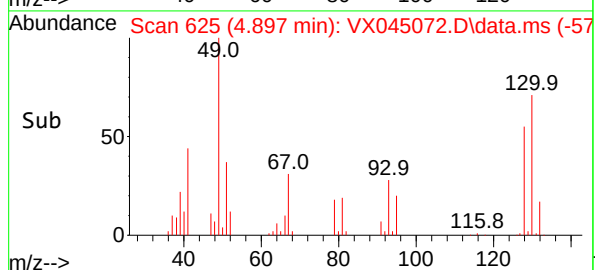
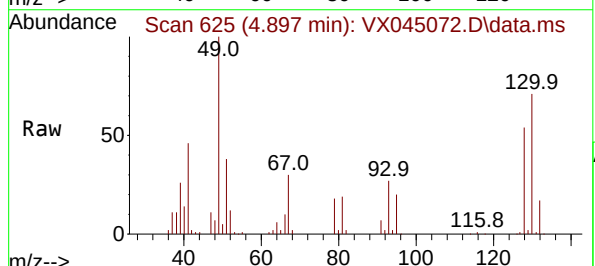
Tgt Ion: 49 Resp: 113848

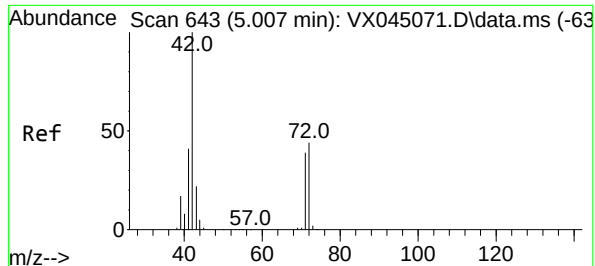
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.4

130 72.2 56.1 84.1





#29

Tetrahydrofuran

Concen: 556.465 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.000 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 42 Resp: 36556

Ion Ratio Lower Upper

42 100

72 42.1 34.1 51.1

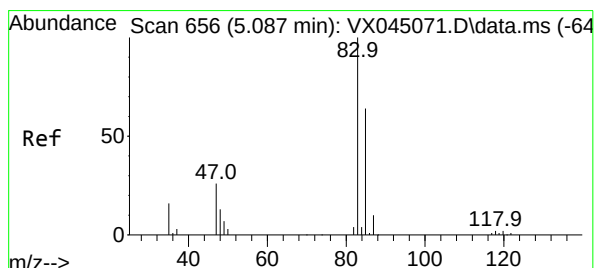
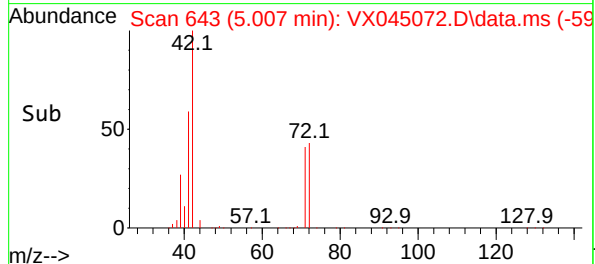
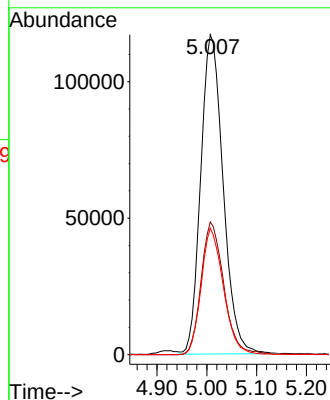
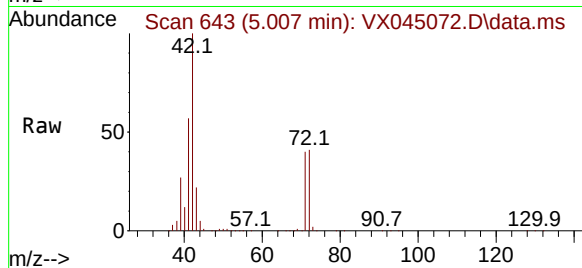
71 39.2 31.4 47.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#30

Chloroform

Concen: 101.814 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.006 min

Lab File: VX045072.D

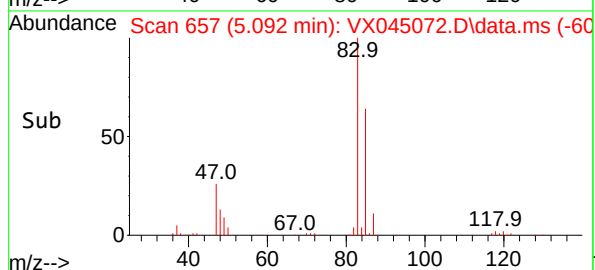
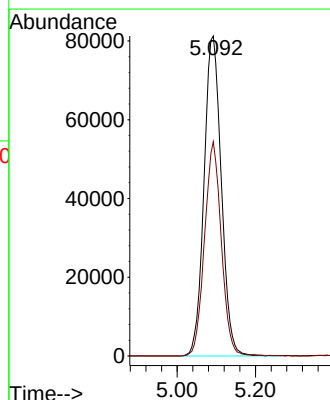
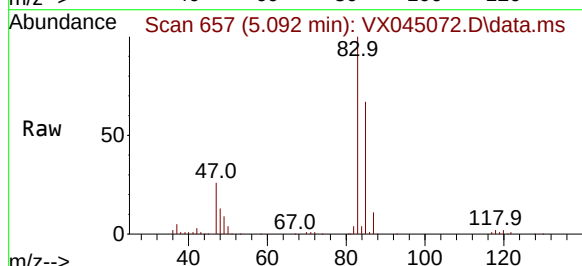
Acq: 28 Feb 2025 03:23

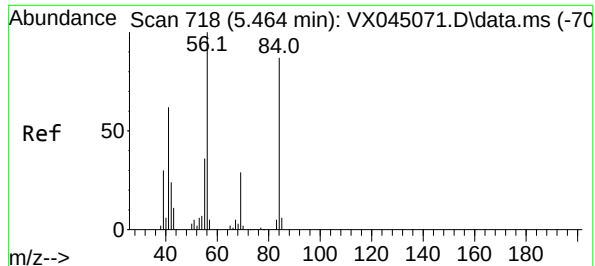
Tgt Ion: 83 Resp: 248978

Ion Ratio Lower Upper

83 100

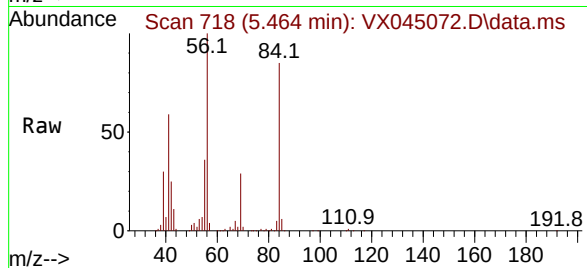
85 66.9 51.4 77.2





#31
Cyclohexane
Concen: 100.711 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

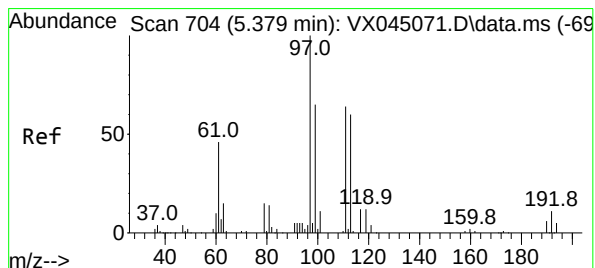
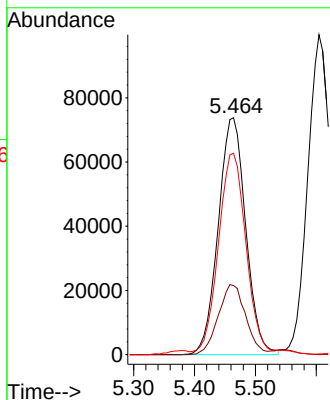
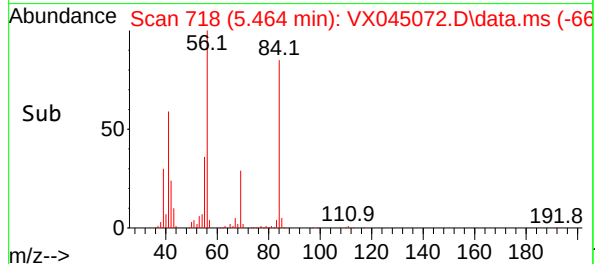
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 23108
Ion Ratio Lower Upper
56 100
69 29.1 23.4 35.2
84 83.3 69.4 104.2

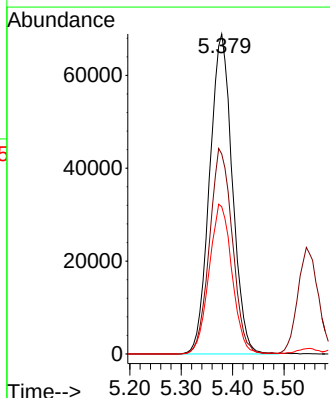
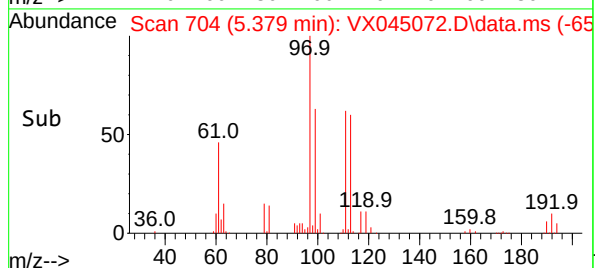
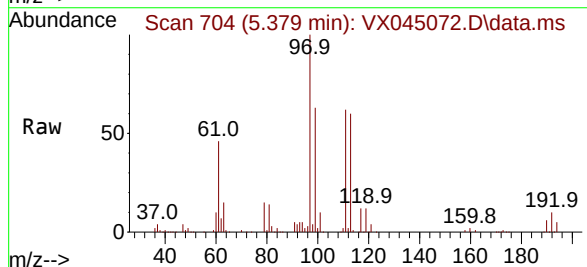
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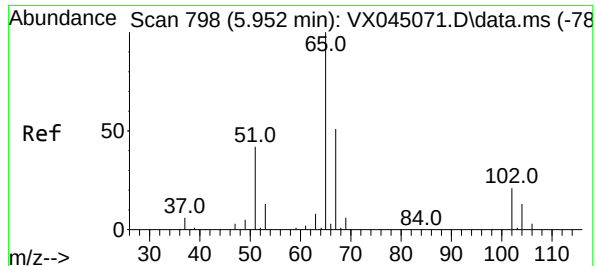
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#32
1,1,1-Trichloroethane
Concen: 102.638 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 97 Resp: 211302
Ion Ratio Lower Upper
97 100
99 64.7 51.6 77.4
61 47.3 38.4 57.6





#33

1,2-Dichloroethane-d4

Concen: 106.011 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 65 Resp: 158452

Ion Ratio Lower Upper

65 100

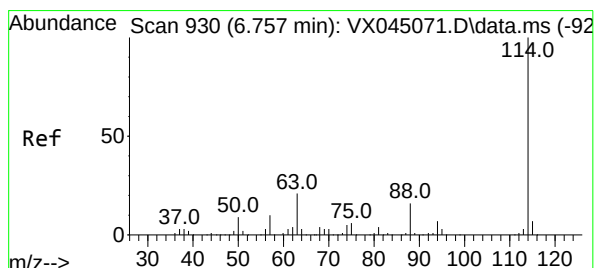
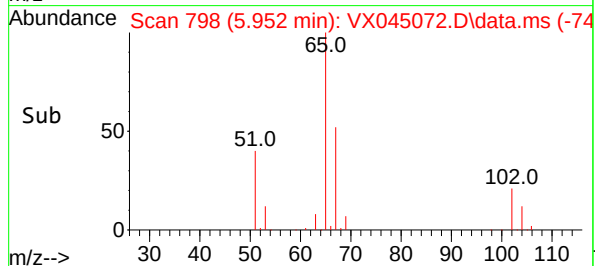
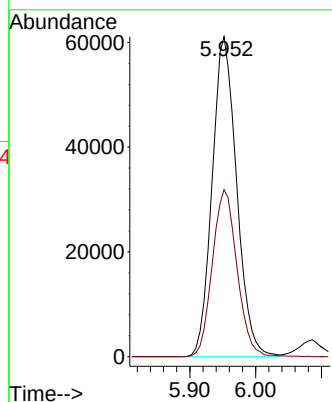
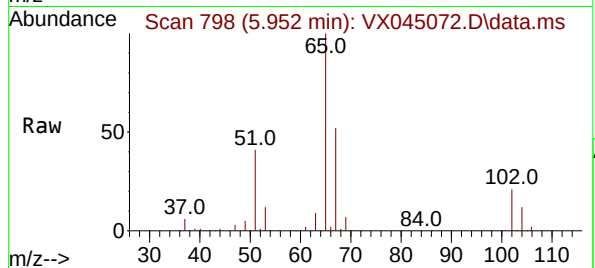
67 52.5 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

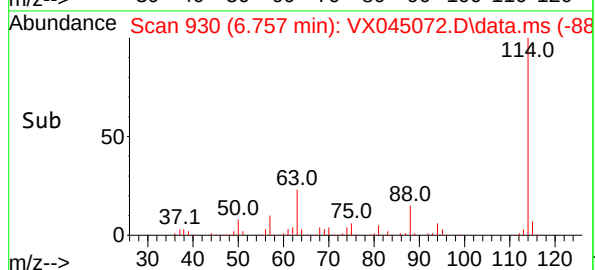
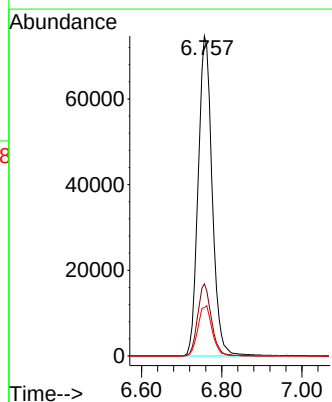
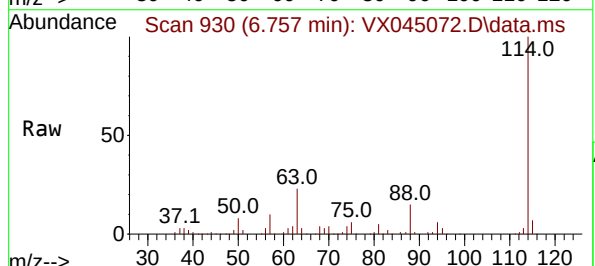
Tgt Ion:114 Resp: 181031

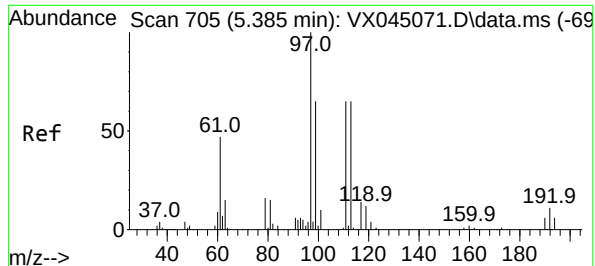
Ion Ratio Lower Upper

114 100

63 22.5 0.0 41.8

88 15.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 104.110 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX045072.D

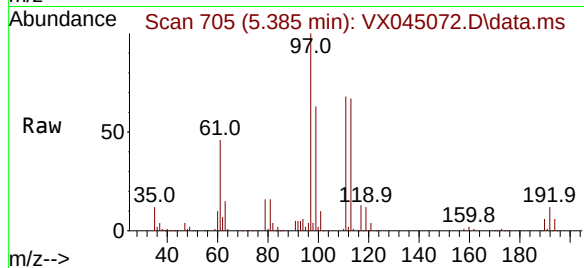
Acq: 28 Feb 2025 03:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100



Tgt Ion:113 Resp: 12318

Ion Ratio Lower Upper

113 100

111 102.1 81.8 122.6

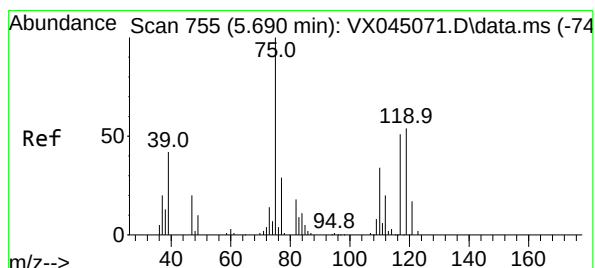
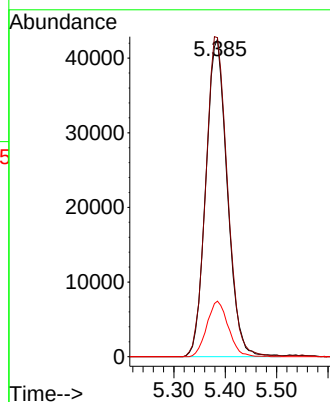
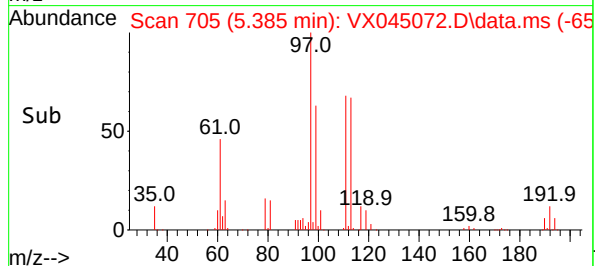
192 17.5 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#36

1,1-Dichloropropene

Concen: 101.258 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.000 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

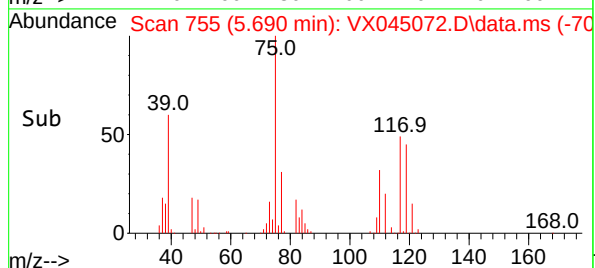
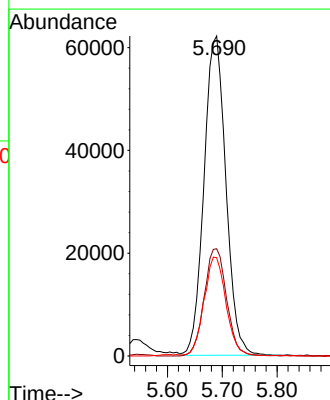
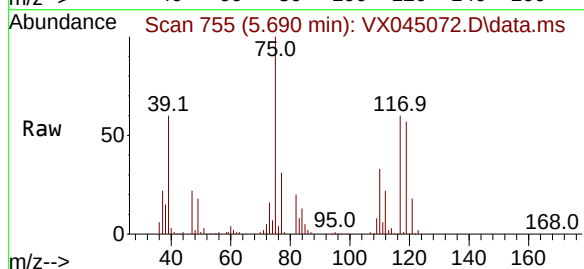
Tgt Ion: 75 Resp: 172295

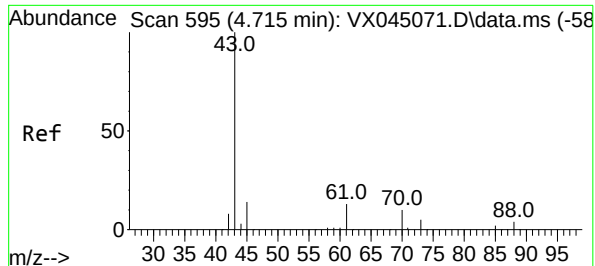
Ion Ratio Lower Upper

75 100

110 34.4 16.9 50.6

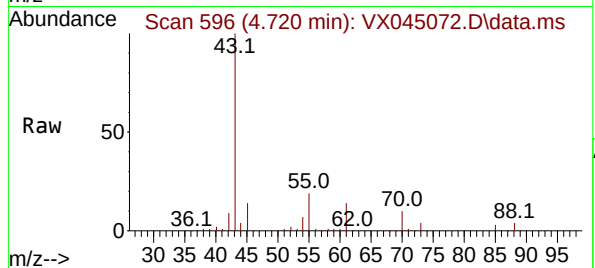
77 31.0 24.5 36.7





#37
Ethyl Acetate
Concen: 113.796 ug/l
RT: 4.720 min Scan# 596
Delta R.T. 0.006 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

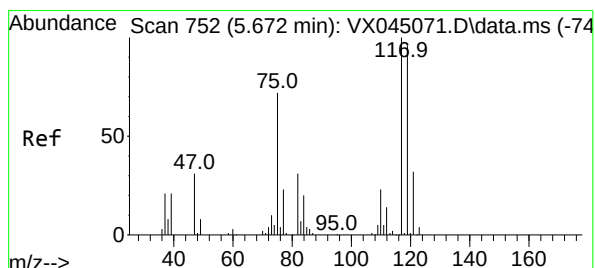
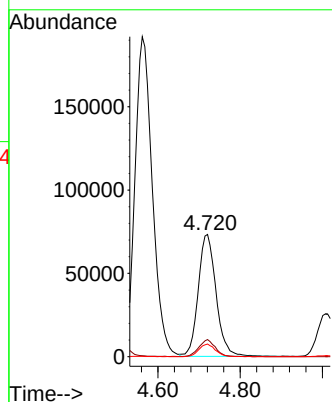
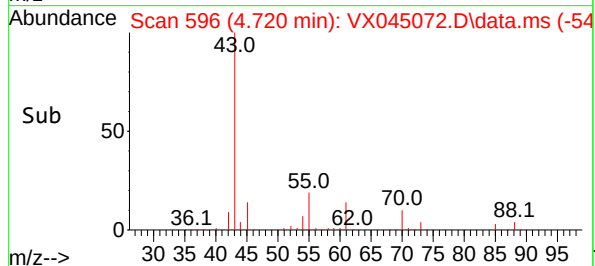
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 22032
Ion Ratio Lower Upper
43 100
61 12.6 10.8 16.2
70 9.6 7.7 11.5

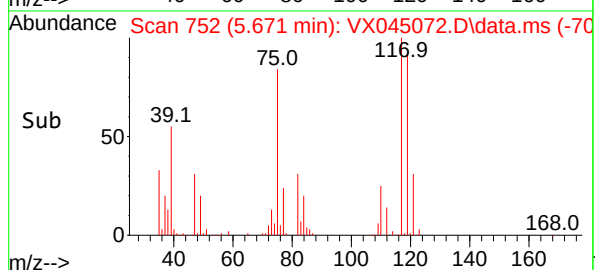
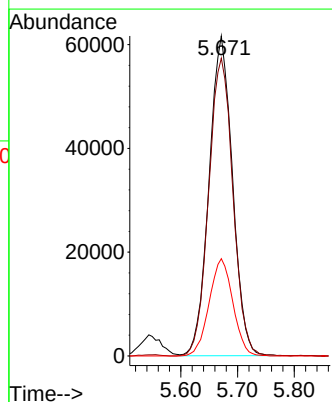
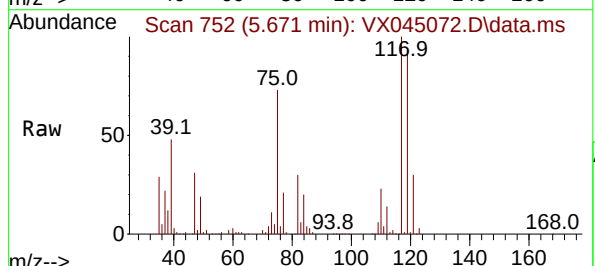
Manual Integrations
APPROVED

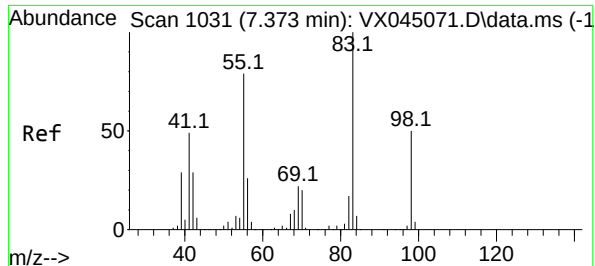
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#38
Carbon Tetrachloride
Concen: 105.940 ug/l
RT: 5.671 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:117 Resp: 177219
Ion Ratio Lower Upper
117 100
119 93.0 76.7 115.1
121 30.4 25.5 38.3





#39

Methylcyclohexane

Concen: 101.175 ug/l

RT: 7.372 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 83 Resp: 219850

Ion Ratio Lower Upper

83 100

55 80.6 63.0 94.4

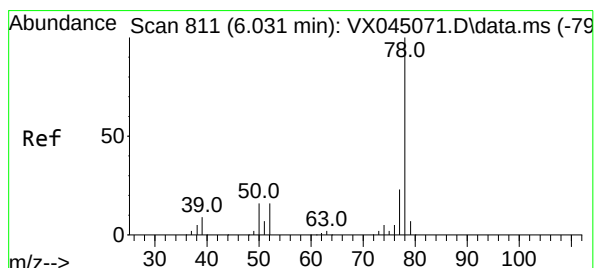
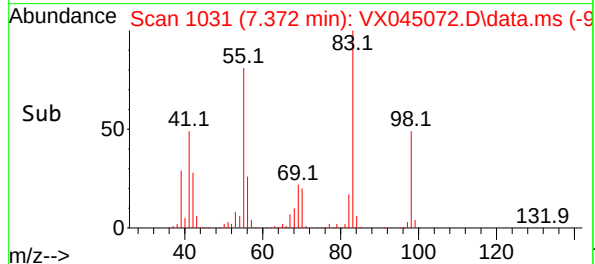
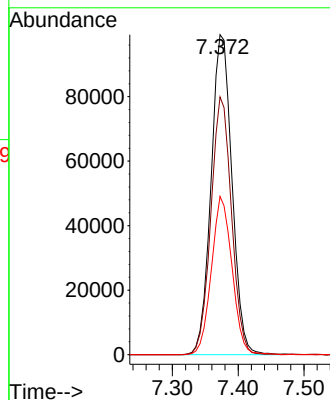
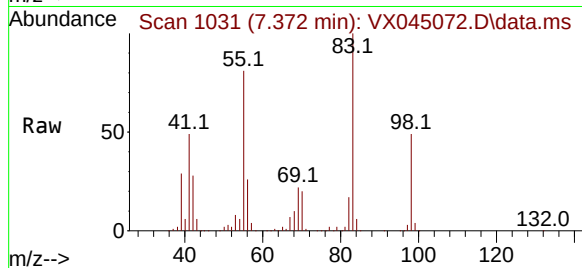
98 49.5 39.7 59.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#40

Benzene

Concen: 101.908 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.000 min

Lab File: VX045072.D

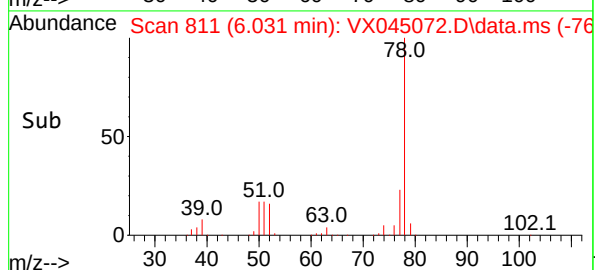
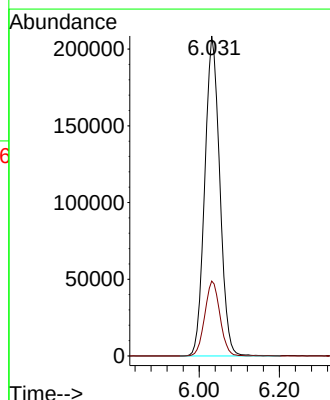
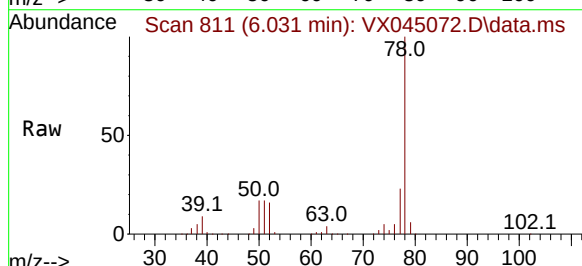
Acq: 28 Feb 2025 03:23

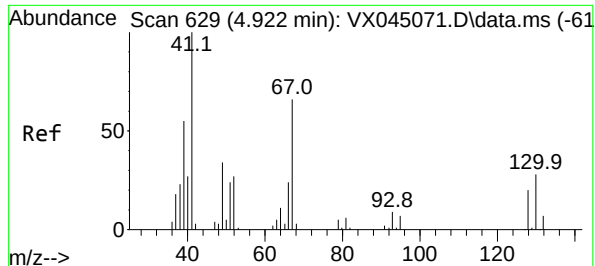
Tgt Ion: 78 Resp: 541974

Ion Ratio Lower Upper

78 100

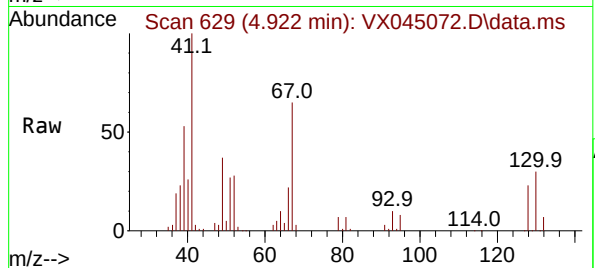
77 23.4 18.8 28.2





#41
Methacrylonitrile
Concen: 116.205 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

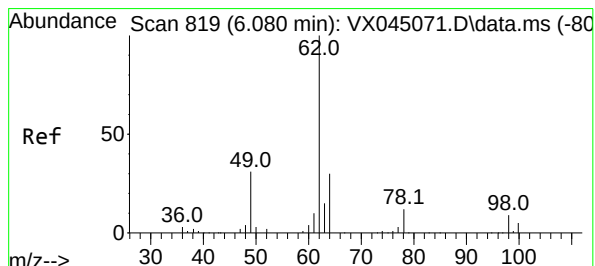
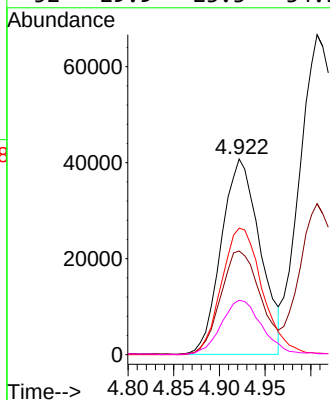
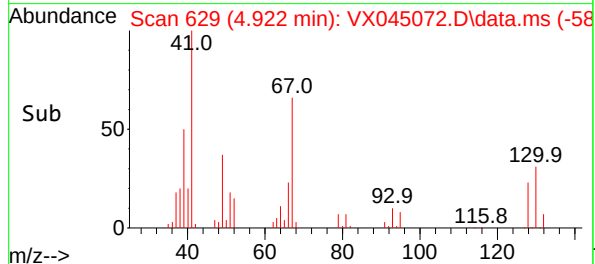
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 41 Resp: 120180
Ion Ratio Lower Upper
41 100
39 54.3 44.6 67.0
67 68.3 53.9 80.9
52 29.9 23.3 34.9

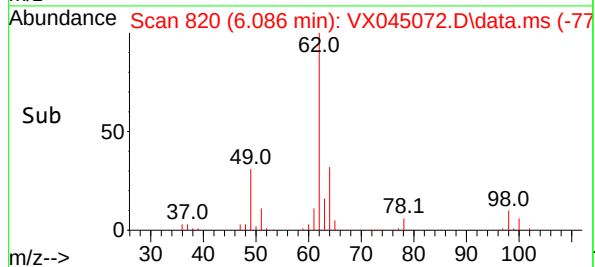
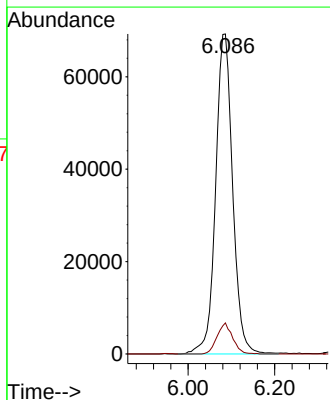
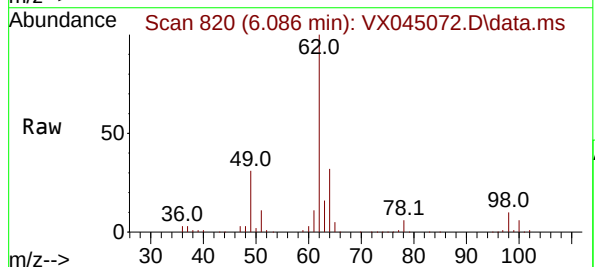
Manual Integrations
APPROVED

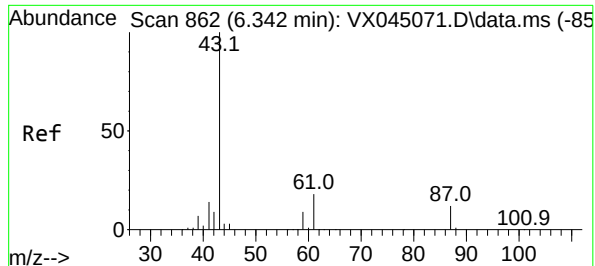
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#42
1,2-Dichloroethane
Concen: 110.158 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 62 Resp: 189857
Ion Ratio Lower Upper
62 100
98 8.8 0.0 18.2





#43

Isopropyl Acetate

Concen: 109.806 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 338414

Ion Ratio Lower Upper

43

100

61

87

18.9 14.9 22.3

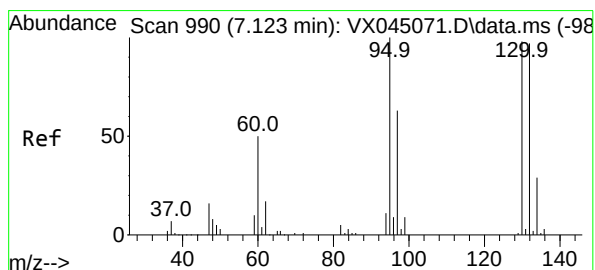
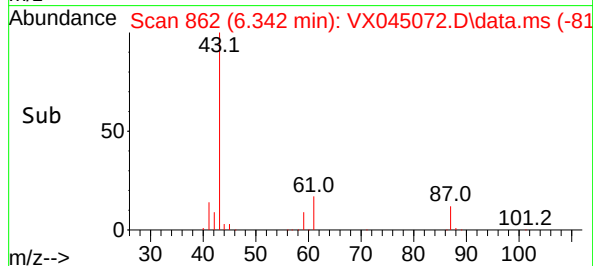
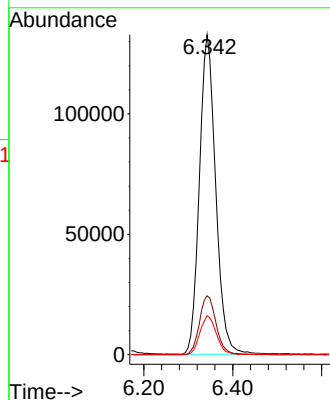
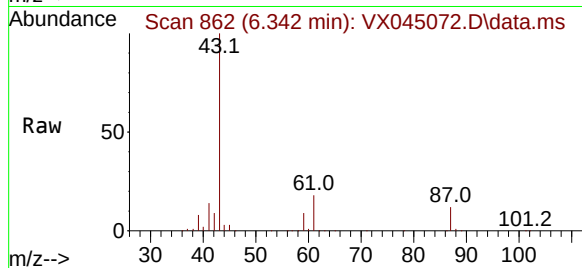
12.3 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#44

Trichloroethene

Concen: 105.402 ug/l

RT: 7.122 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

Tgt Ion:130 Resp: 128124

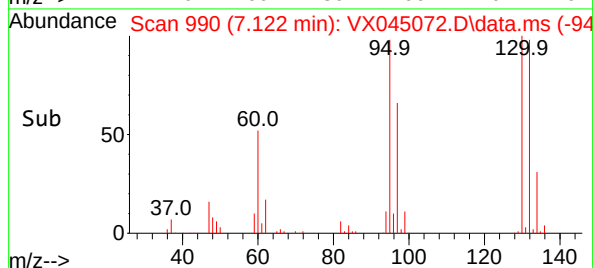
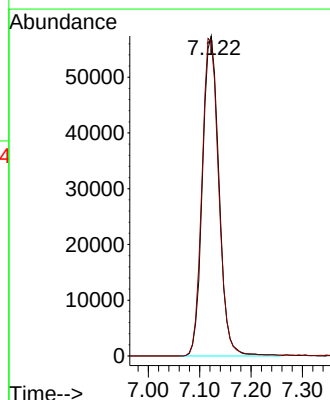
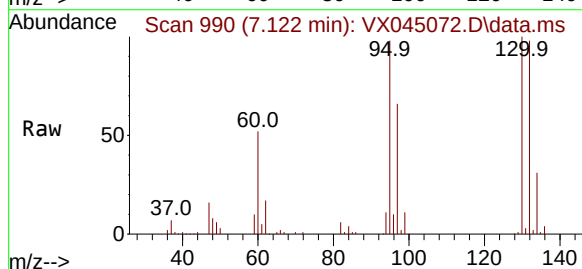
Ion Ratio Lower Upper

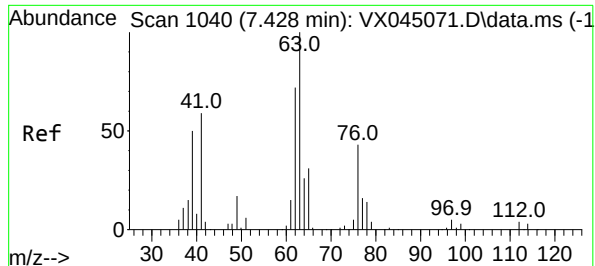
130

100

95

98.1 0.0 205.0





#45

1,2-Dichloropropane

Concen: 102.898 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 13599

Ion Ratio Lower Upper

63 100

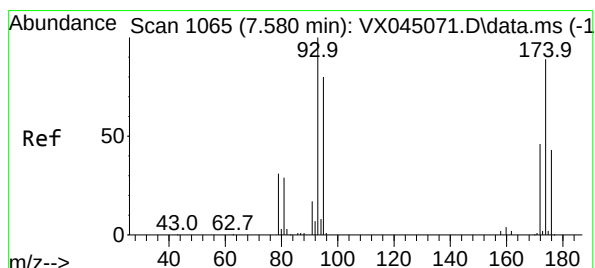
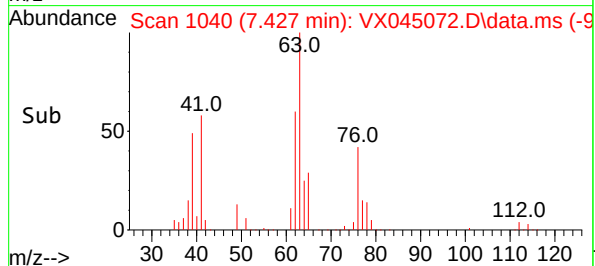
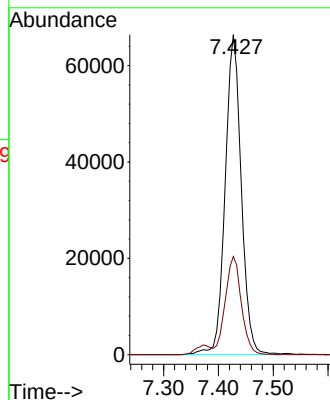
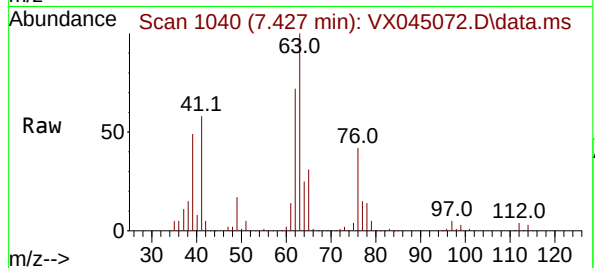
65 30.7 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#46

Dibromomethane

Concen: 105.329 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

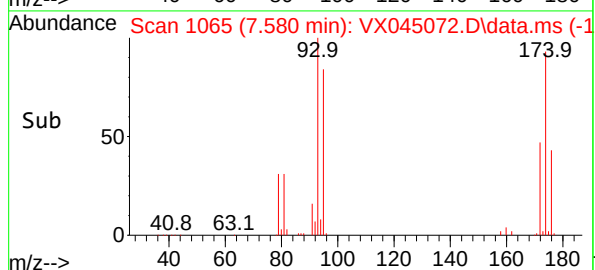
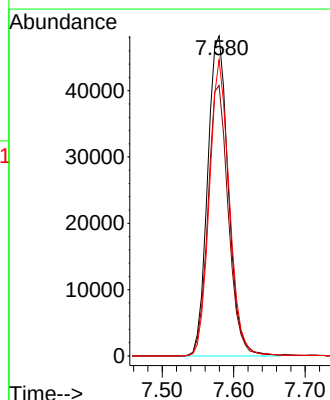
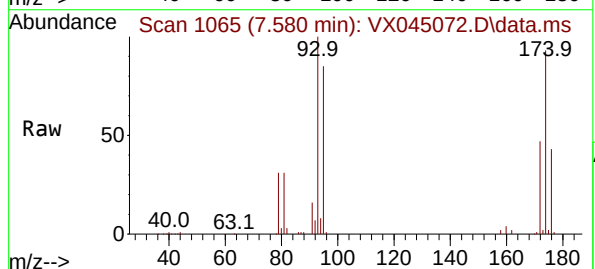
Tgt Ion: 93 Resp: 97248

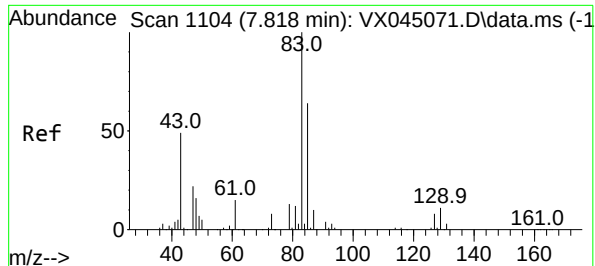
Ion Ratio Lower Upper

93 100

95 83.3 65.8 98.8

174 89.0 72.2 108.2





#47

Bromodichloromethane

Concen: 106.947 ug/l

RT: 7.817 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 83 Resp: 191010

Ion Ratio Lower Upper

83 100

85 66.4 51.1 76.7

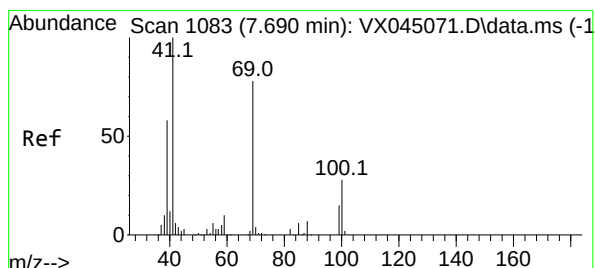
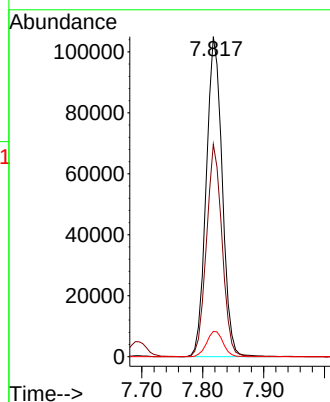
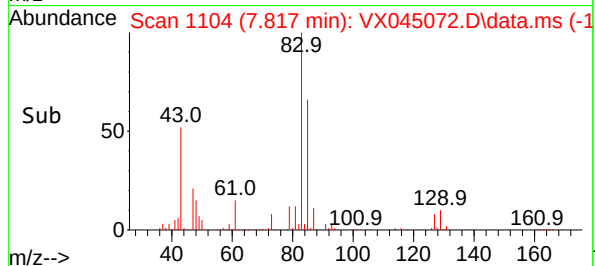
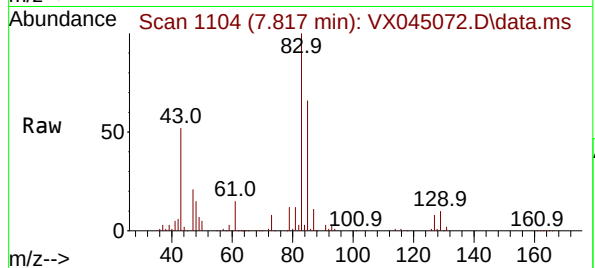
127 7.9 6.4 9.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#48

Methyl methacrylate

Concen: 113.344 ug/l

RT: 7.695 min Scan# 1084

Delta R.T. 0.006 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

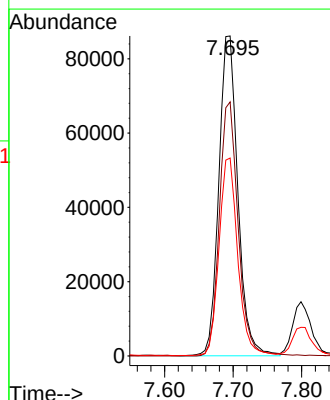
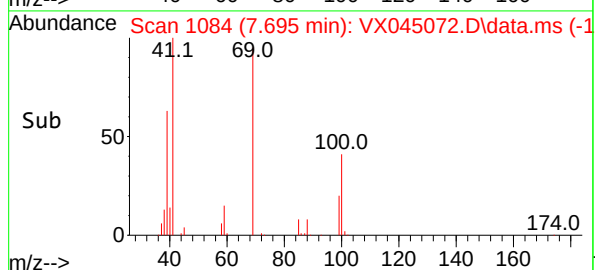
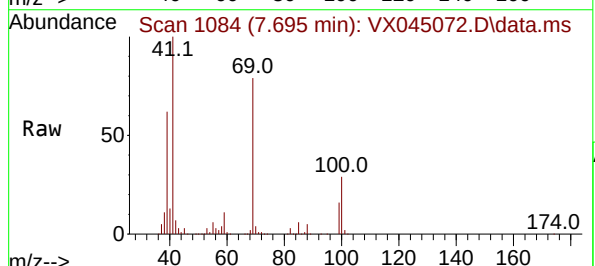
Tgt Ion: 41 Resp: 165825

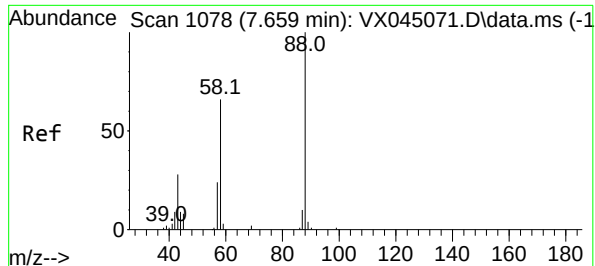
Ion Ratio Lower Upper

41 100

69 78.5 63.0 94.6

39 60.9 47.5 71.3





#49

1,4-Dioxane

Concen: 2132.314 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 88 Resp: 66308

Ion Ratio Lower Upper

88 100

43 35.6 28.7 43.1

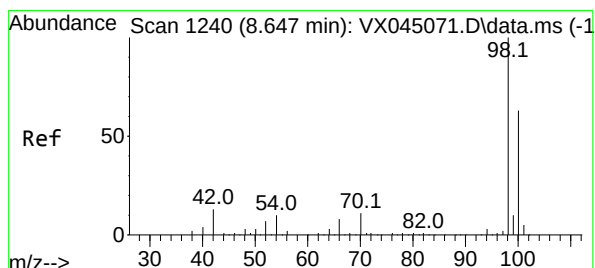
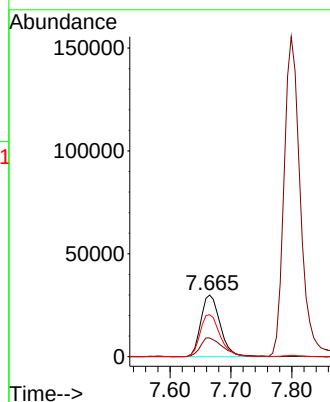
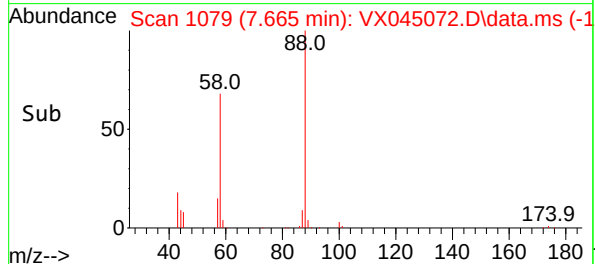
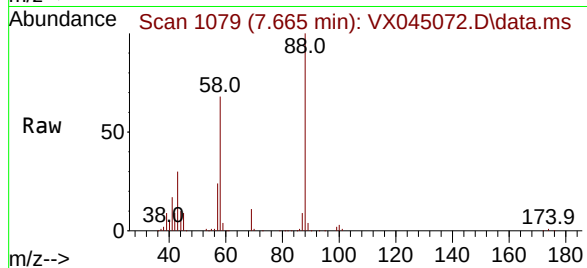
58 70.5 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#50

Toluene-d8

Concen: 99.595 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX045072.D

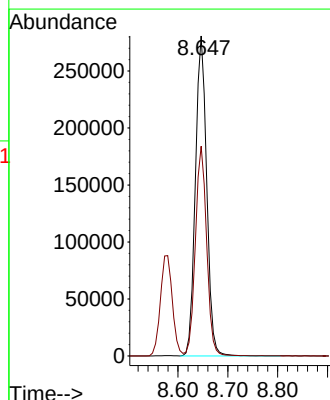
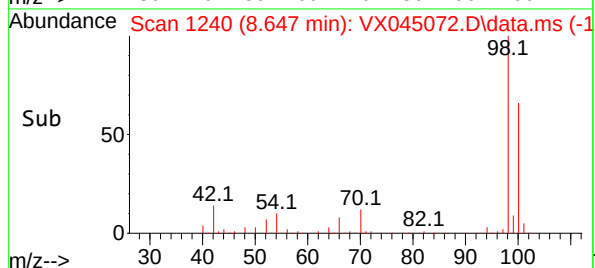
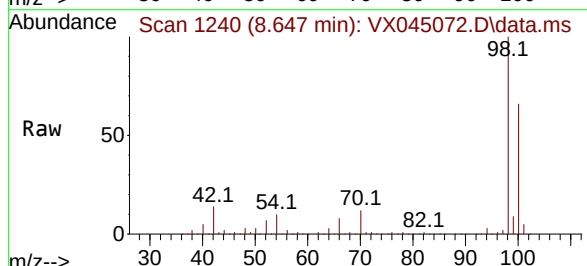
Acq: 28 Feb 2025 03:23

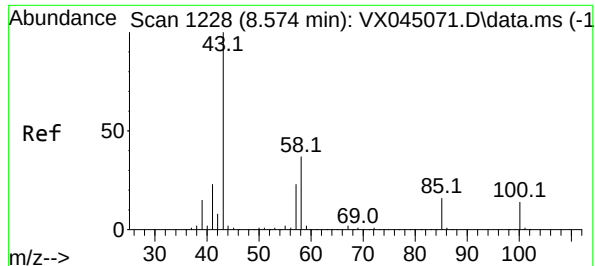
Tgt Ion: 98 Resp: 441188

Ion Ratio Lower Upper

98 100

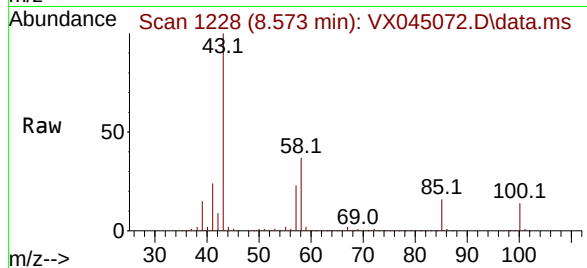
100 65.3 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 555.050 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

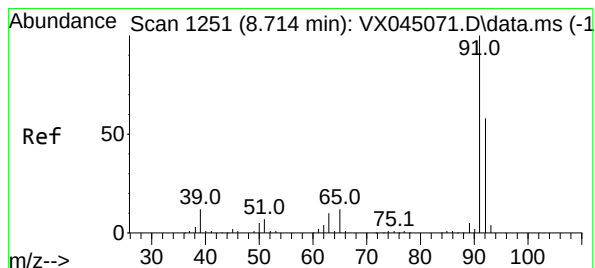
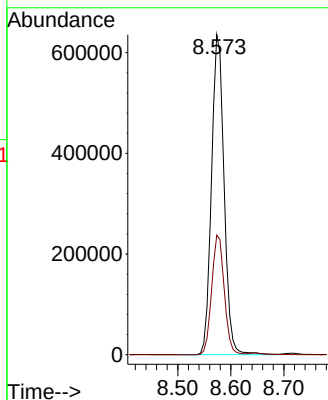
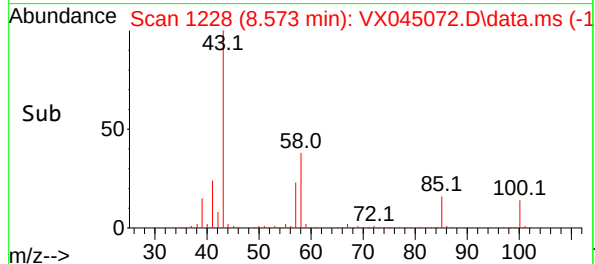
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 1048140
Ion Ratio Lower Upper
43 100
58 37.4 29.2 43.8

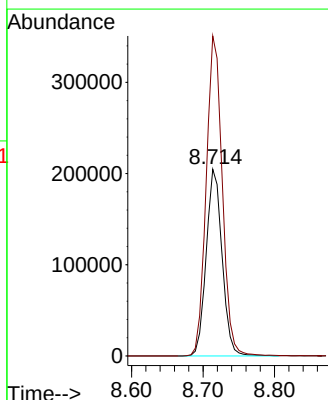
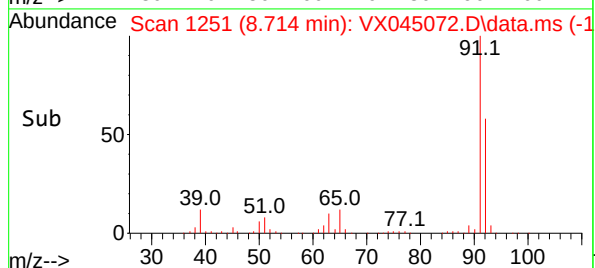
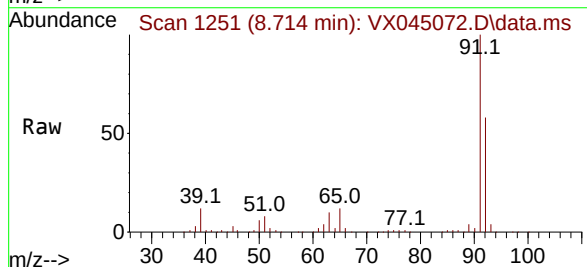
Manual Integrations
APPROVED

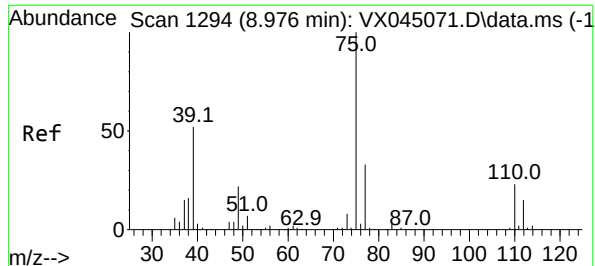
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#52
Toluene
Concen: 100.178 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 92 Resp: 316349
Ion Ratio Lower Upper
92 100
91 173.2 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 100.462 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 75 Resp: 177352

Ion Ratio Lower Upper

75 100

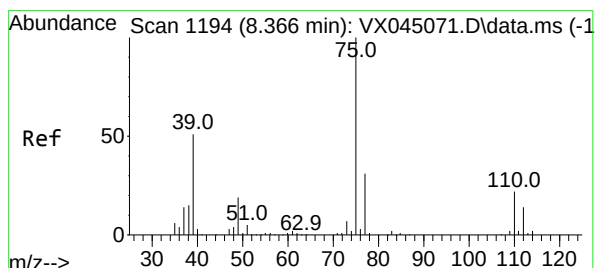
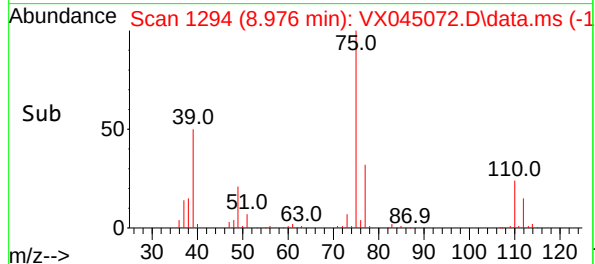
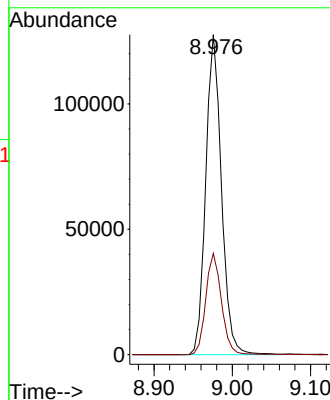
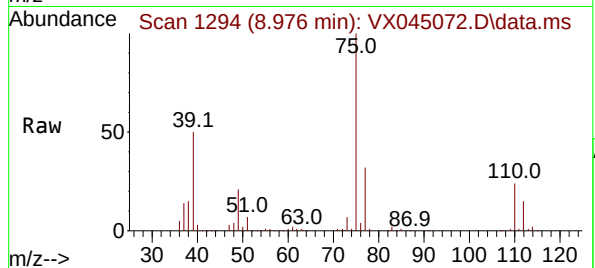
77 31.6 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#54

cis-1,3-Dichloropropene

Concen: 101.815 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

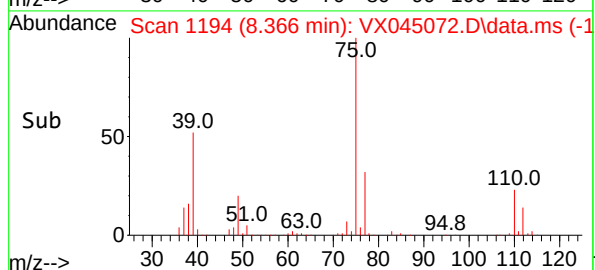
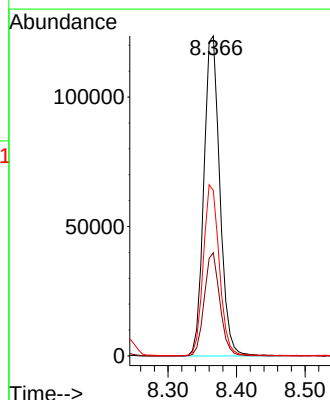
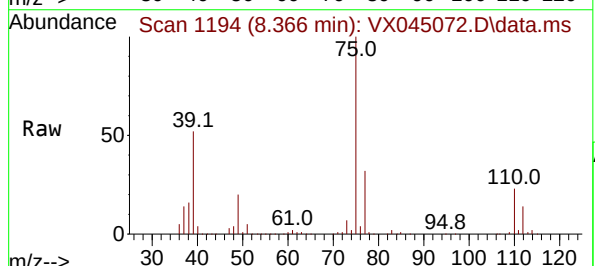
Tgt Ion: 75 Resp: 200943

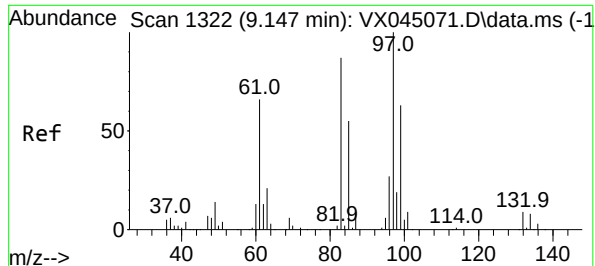
Ion Ratio Lower Upper

75 100

77 32.2 24.7 37.1

39 51.6 40.7 61.1





#55

1,1,2-Trichloroethane

Concen: 100.920 ug/l

RT: 9.146 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 123420

Ion Ratio Lower Upper

97 100

83 88.0 69.4 104.2

85 55.1 44.1 66.1

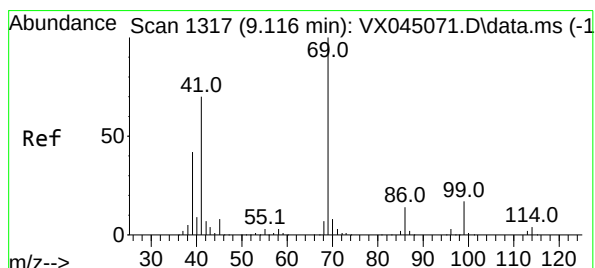
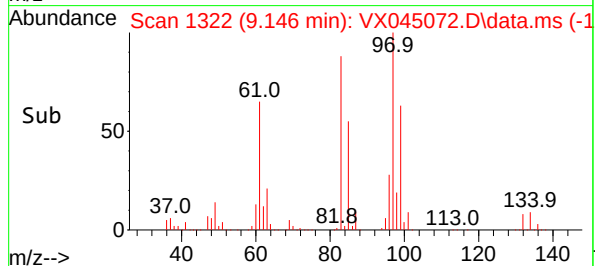
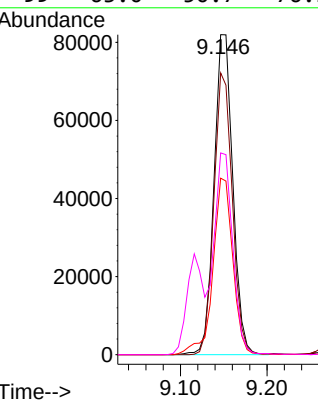
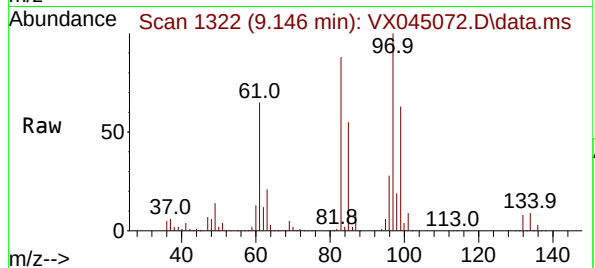
99 63.0 50.7 76.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#56

Ethyl methacrylate

Concen: 106.744 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

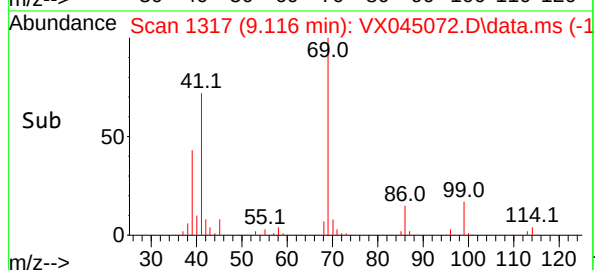
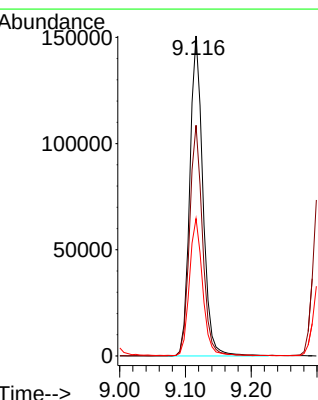
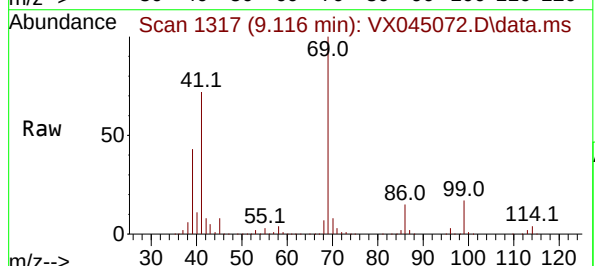
Tgt Ion: 69 Resp: 208782

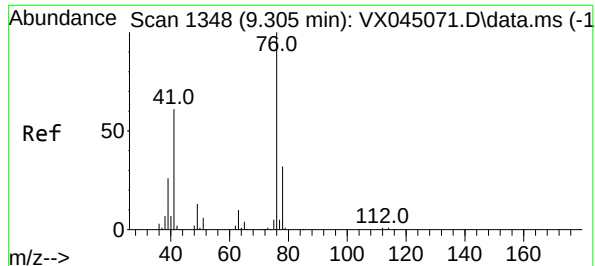
Ion Ratio Lower Upper

69 100

41 71.3 57.0 85.4

39 43.0 34.2 51.4





#57

1,3-Dichloropropane

Concen: 101.387 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. -0.000 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 21626

Ion Ratio Lower Upper

76 100

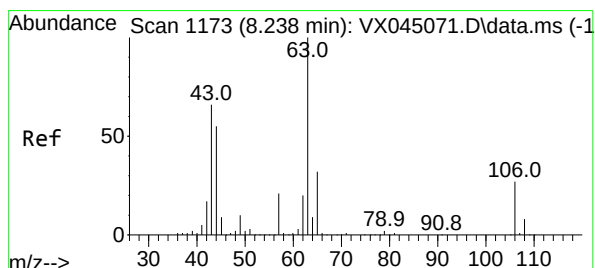
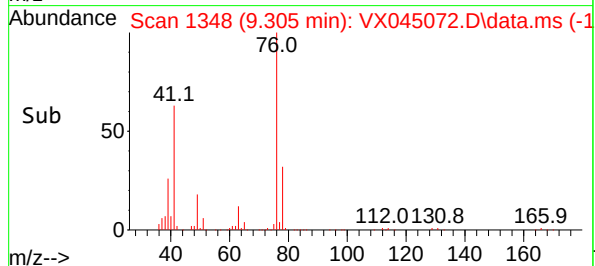
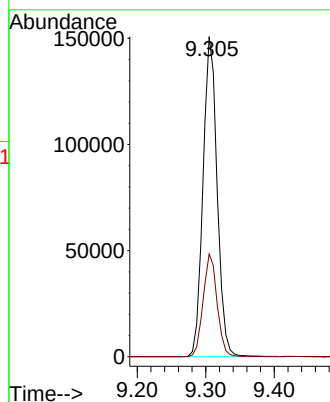
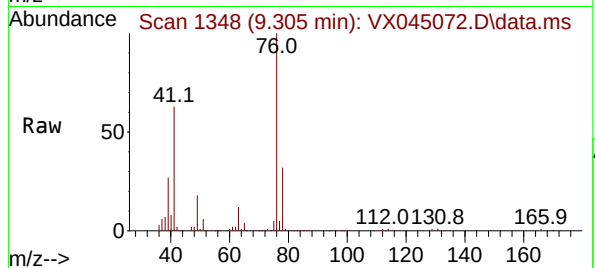
78 31.8 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#58

2-Chloroethyl Vinyl ether

Concen: 514.987 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045072.D

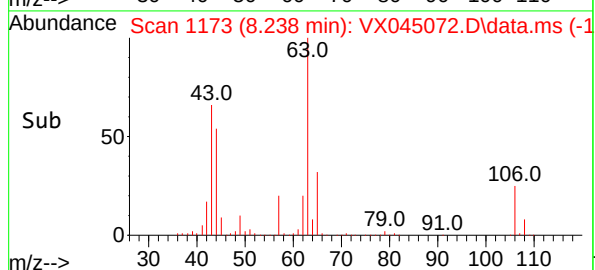
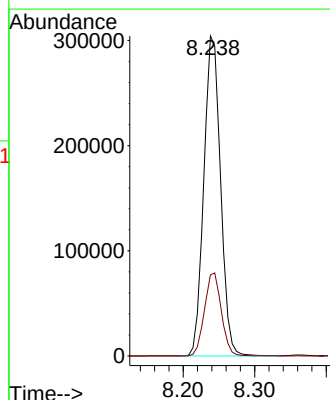
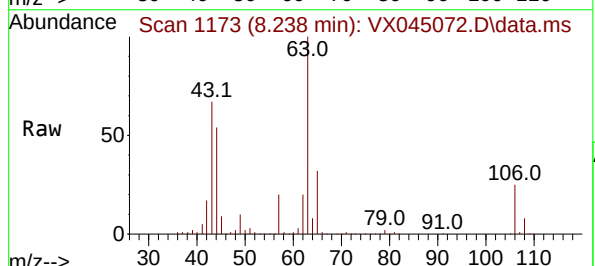
Acq: 28 Feb 2025 03:23

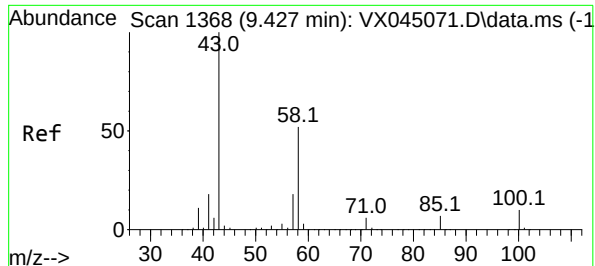
Tgt Ion: 63 Resp: 494551

Ion Ratio Lower Upper

63 100

106 26.1 21.5 32.3





#59

2-Hexanone

Concen: 572.233 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 43 Resp: 779492

Ion Ratio Lower Upper

43 100

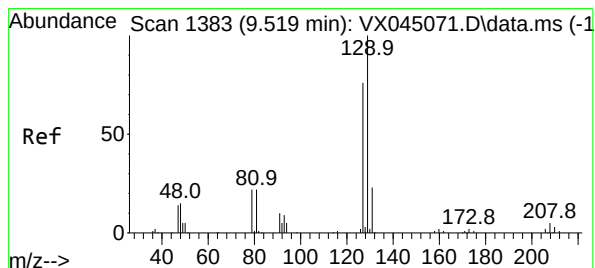
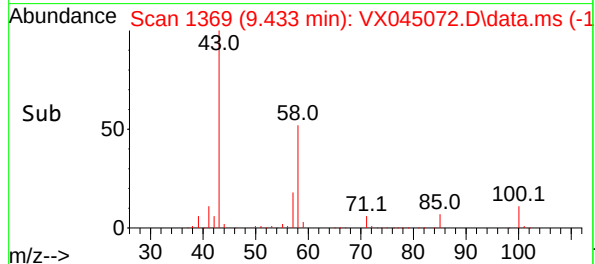
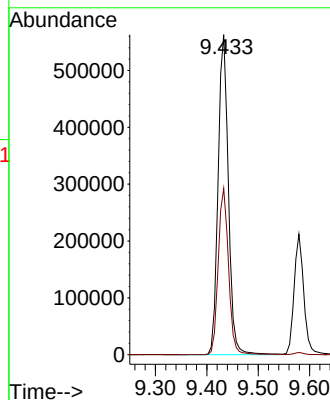
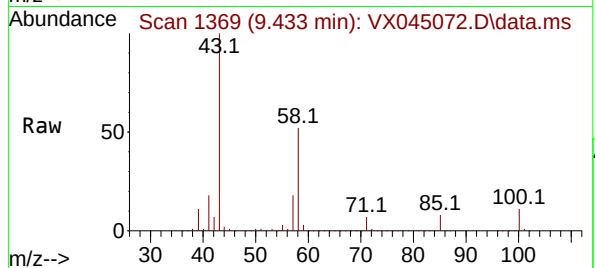
58 52.2 25.9 77.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#60

Dibromochloromethane

Concen: 106.719 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX045072.D

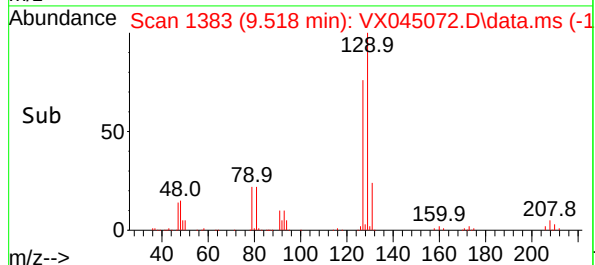
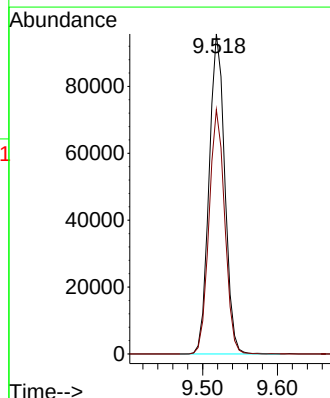
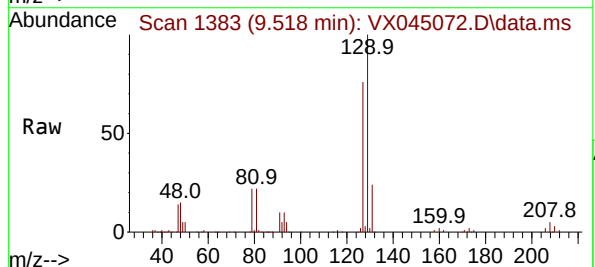
Acq: 28 Feb 2025 03:23

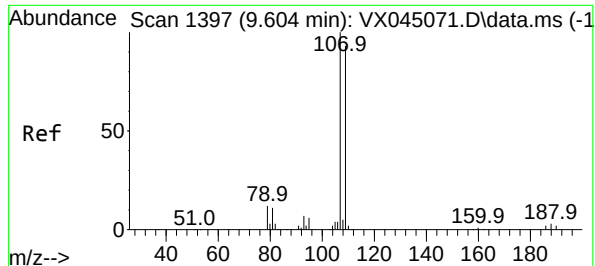
Tgt Ion:129 Resp: 139245

Ion Ratio Lower Upper

129 100

127 76.3 38.5 115.5





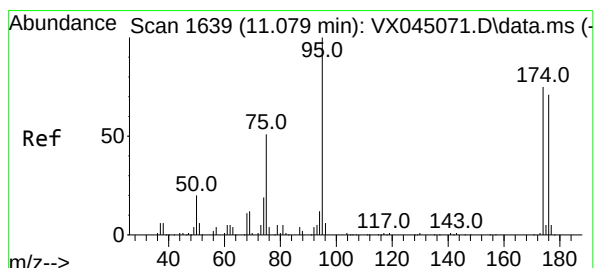
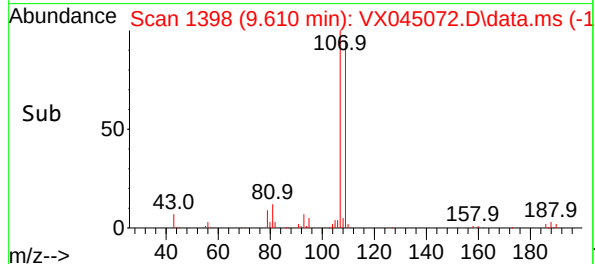
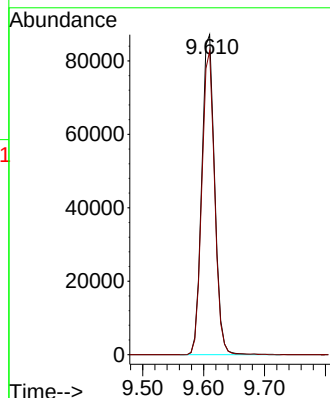
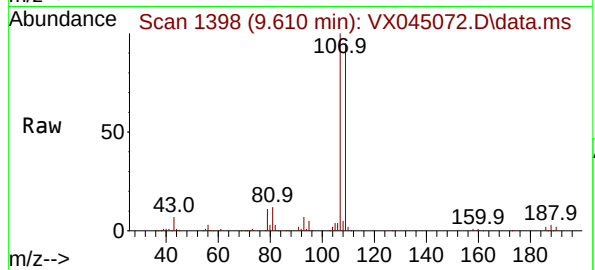
#61
1,2-Dibromoethane
Concen: 104.259 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:107 Resp: 12861
Ion Ratio Lower Upper
107 100
109 94.3 76.1 114.1

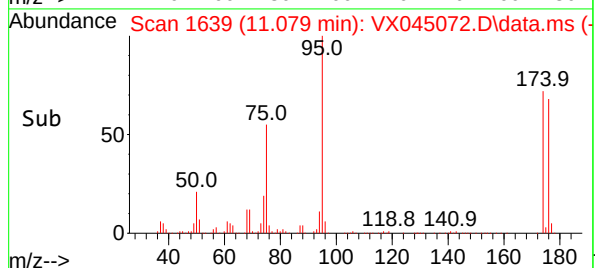
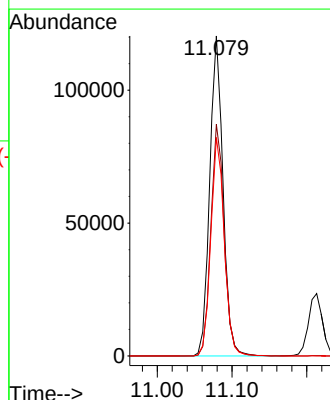
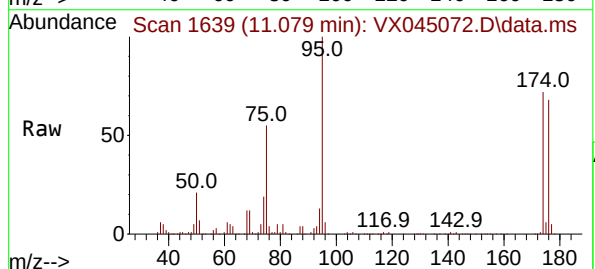
Manual Integrations
APPROVED

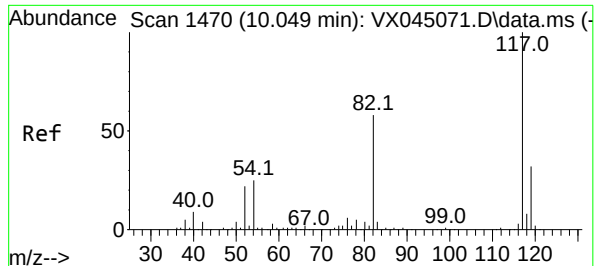
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#62
4-Bromofluorobenzene
Concen: 100.365 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

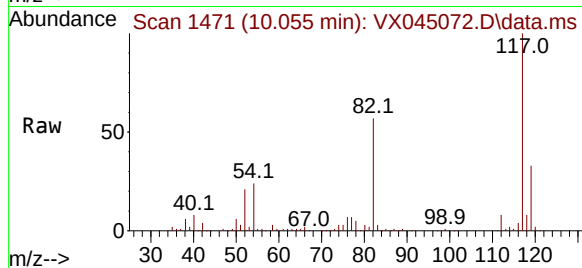
Tgt Ion: 95 Resp: 148476
Ion Ratio Lower Upper
95 100
174 73.0 0.0 148.2
176 69.2 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

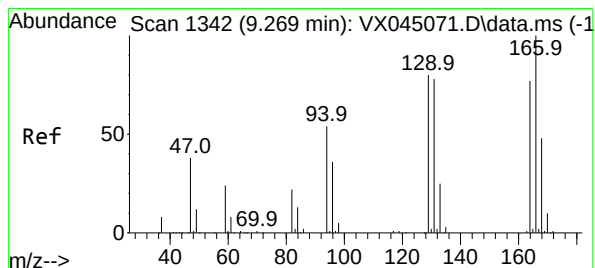
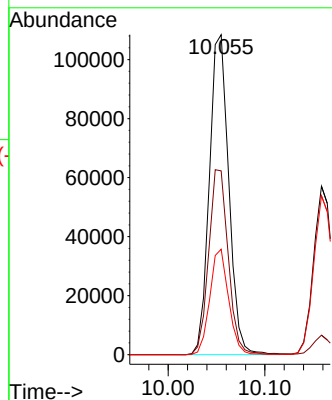
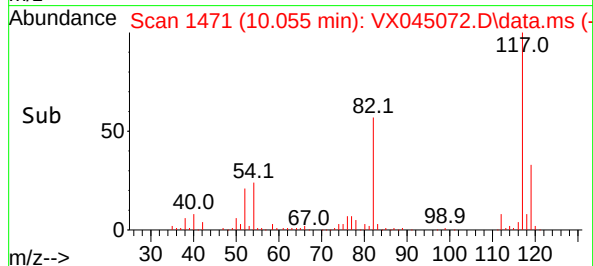
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:117 Resp: 151179
Ion Ratio Lower Upper
117 100
82 57.5 46.3 69.5
119 33.0 25.7 38.5

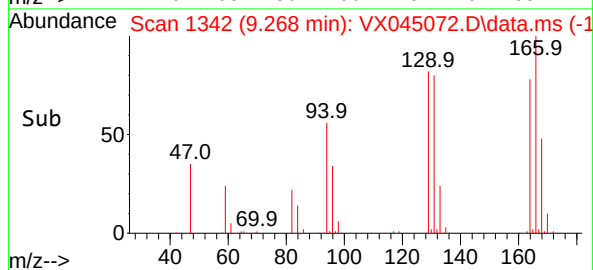
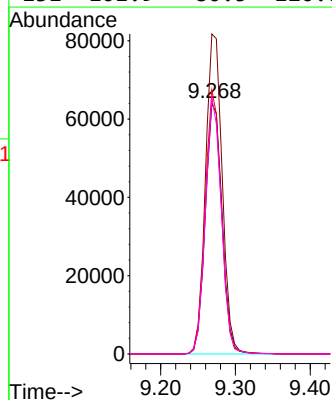
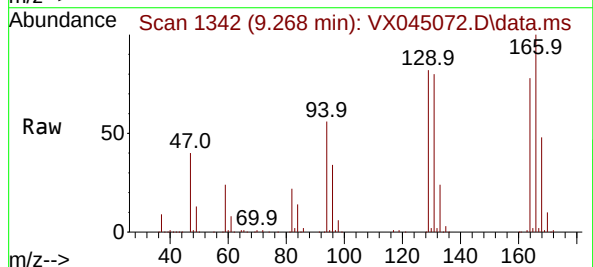
Manual Integrations
APPROVED

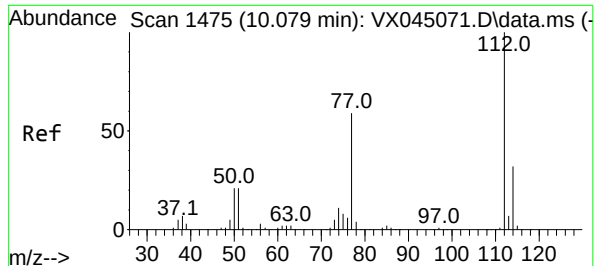
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#64
Tetrachloroethene
Concen: 103.491 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:164 Resp: 99386
Ion Ratio Lower Upper
164 100
166 127.6 103.6 155.4
129 105.2 82.7 124.1
131 101.9 80.5 120.7





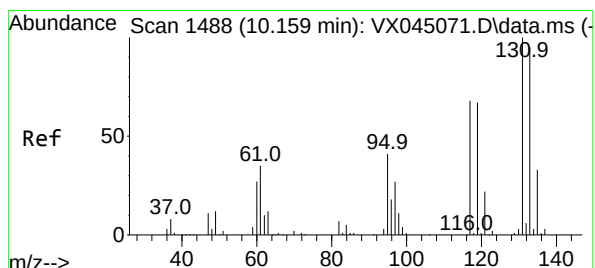
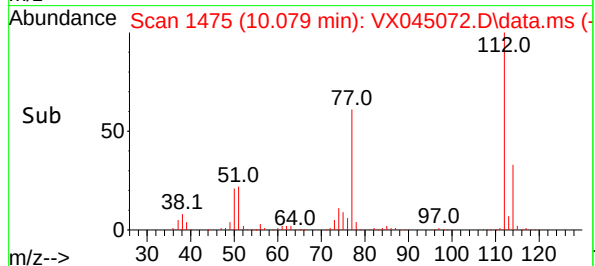
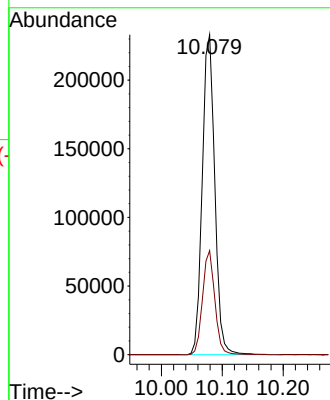
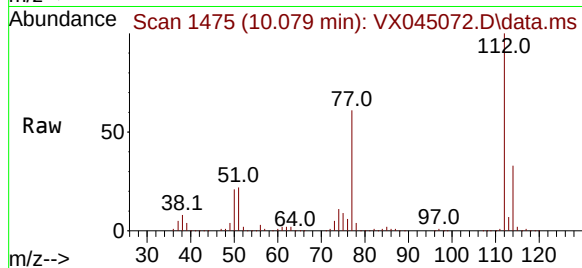
#65
Chlorobenzene
Concen: 102.456 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:112 Resp: 33247
Ion Ratio Lower Upper
112 100
114 32.5 26.0 39.0

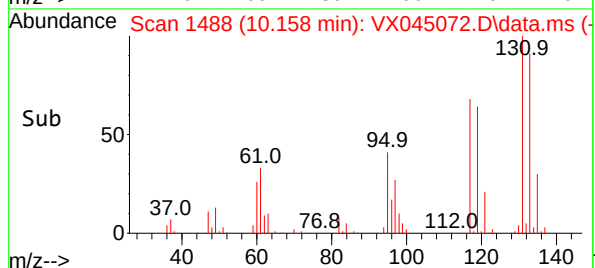
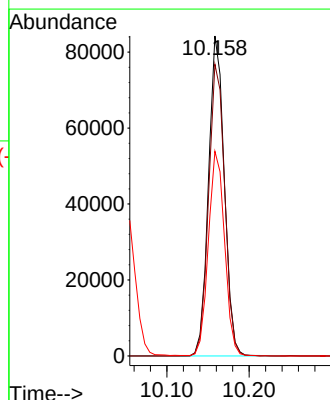
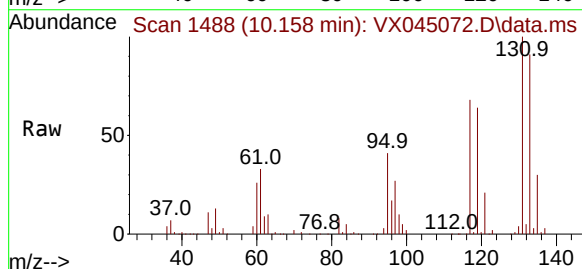
Manual Integrations
APPROVED

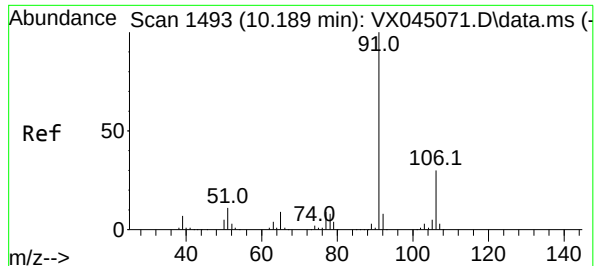
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 107.511 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

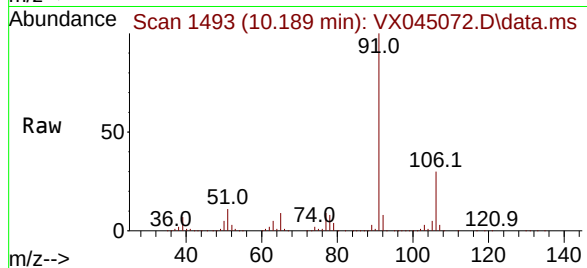
Tgt Ion:131 Resp: 112451
Ion Ratio Lower Upper
131 100
133 93.1 48.6 145.9
119 65.8 33.9 101.7





#67
Ethyl Benzene
Concen: 103.905 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

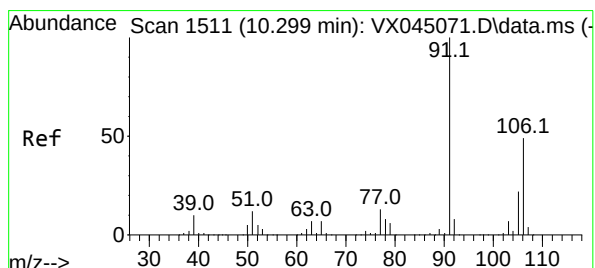
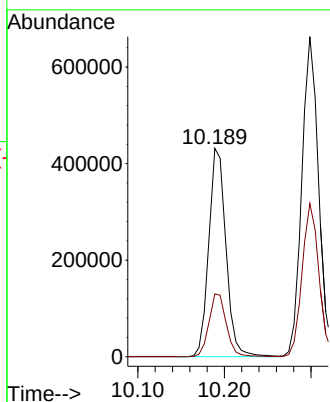
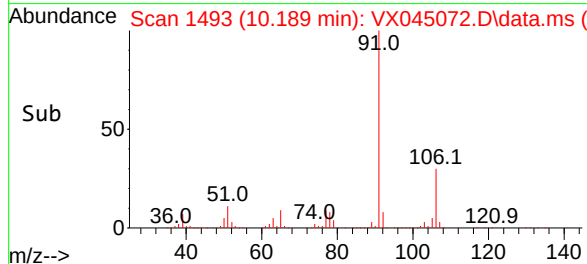
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 91 Resp: 59625
Ion Ratio Lower Upper
91 100
106 30.1 23.9 35.9

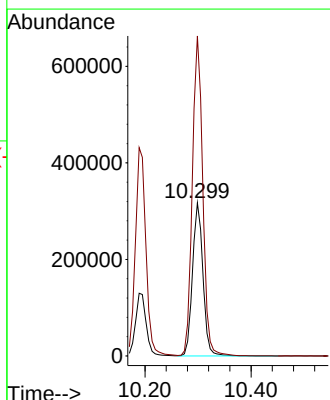
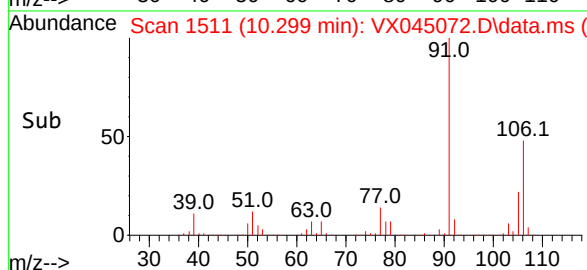
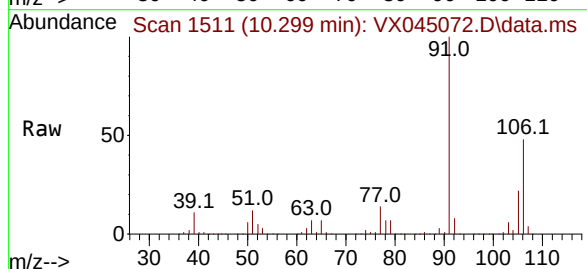
Manual Integrations
APPROVED

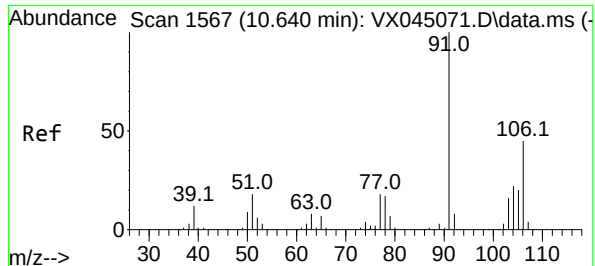
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#68
m/p-Xylenes
Concen: 204.507 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:106 Resp: 432214
Ion Ratio Lower Upper
106 100
91 208.9 165.4 248.0





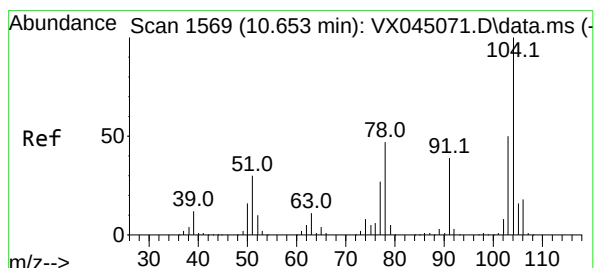
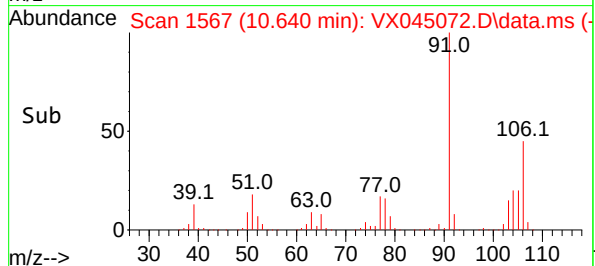
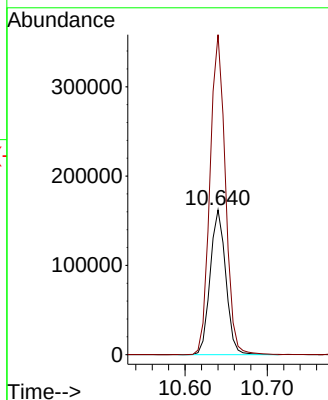
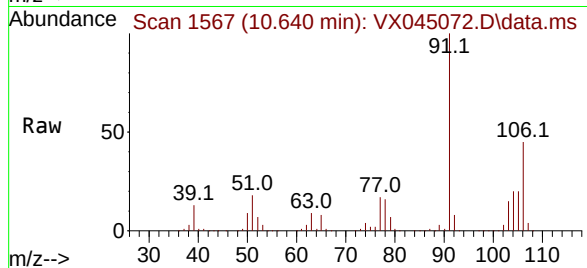
#69
o-Xylene
Concen: 100.849 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 21383
Ion Ratio Lower Upper
106 100
91 218.2 109.9 329.6

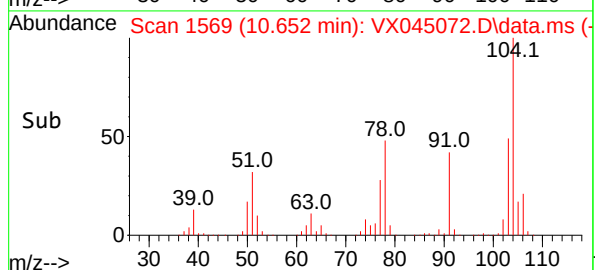
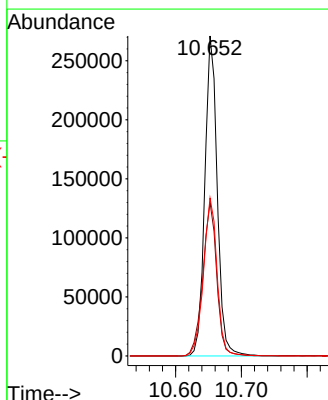
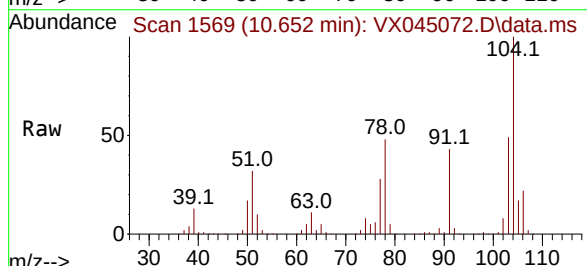
Manual Integrations
APPROVED

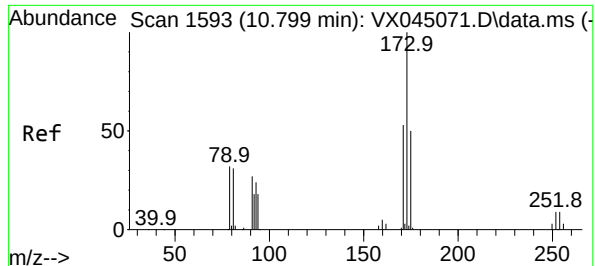
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#70
Styrene
Concen: 104.948 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

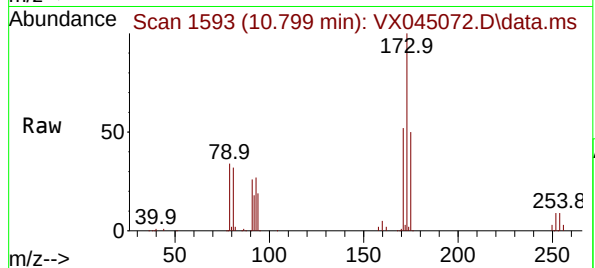
Tgt Ion:104 Resp: 357649
Ion Ratio Lower Upper
104 100
78 53.7 42.2 63.4
103 54.3 43.8 65.8





#71
Bromoform
Concen: 116.751 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

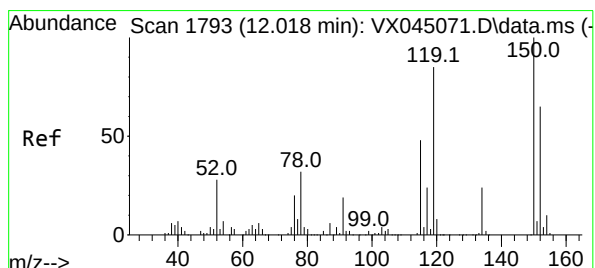
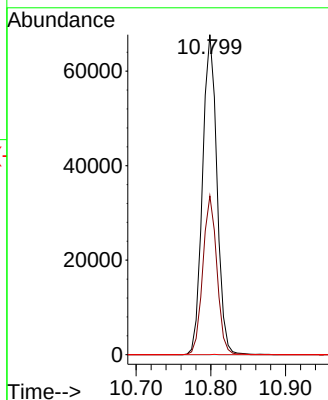
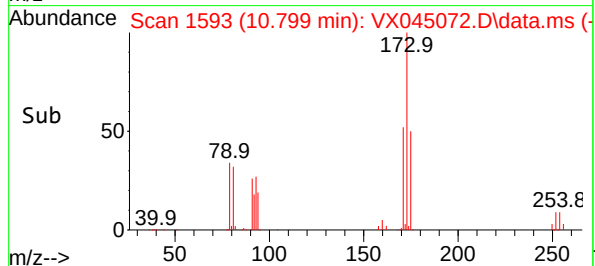
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:173 Resp: 90800
Ion Ratio Lower Upper
173 100
175 48.3 24.6 73.6
254 0.0 0.0 0.0

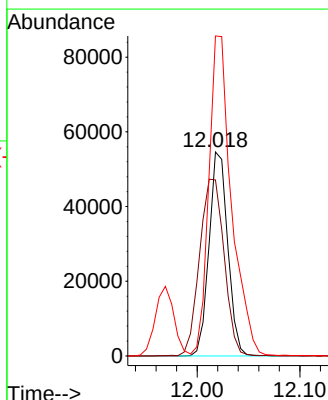
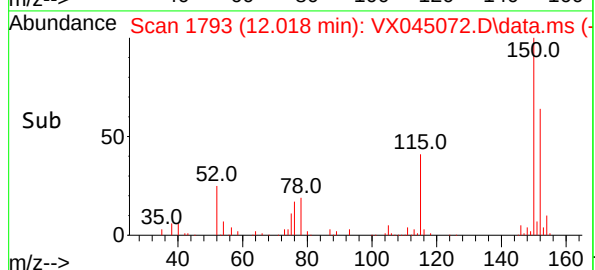
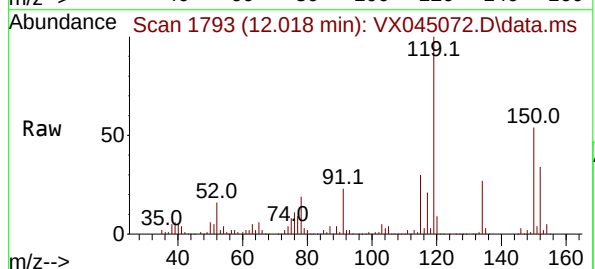
Manual Integrations
APPROVED

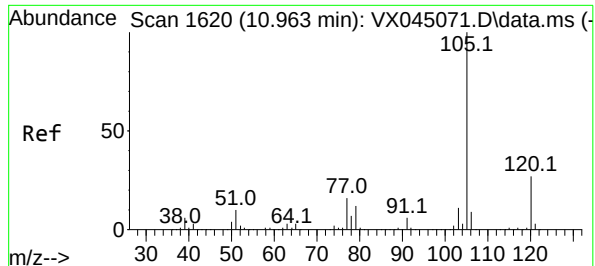
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:152 Resp: 69086
Ion Ratio Lower Upper
152 100
115 114.1 44.2 132.6
150 190.7 0.0 349.0





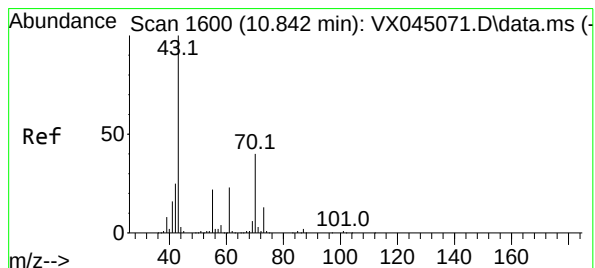
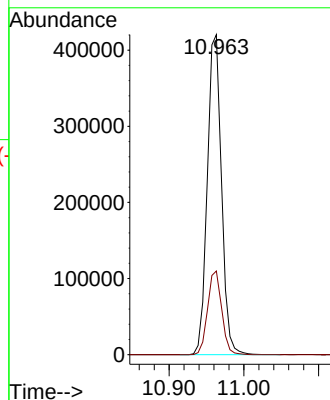
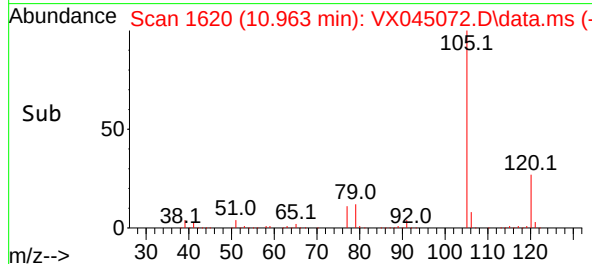
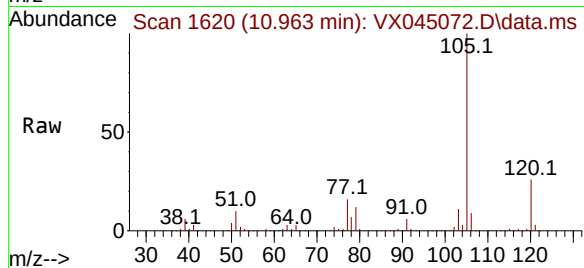
#73
Isopropylbenzene
Concen: 99.138 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 55353
Ion Ratio Lower Upper
105 100
120 26.0 13.2 39.5

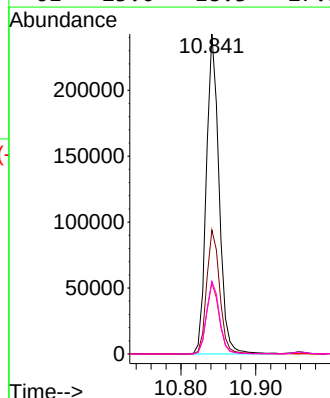
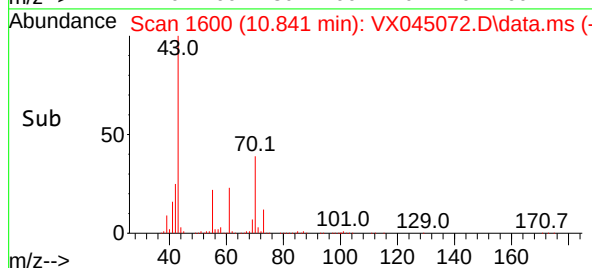
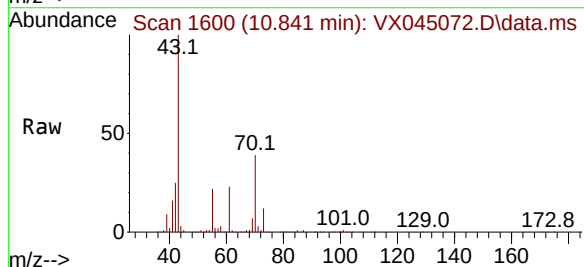
Manual Integrations
APPROVED

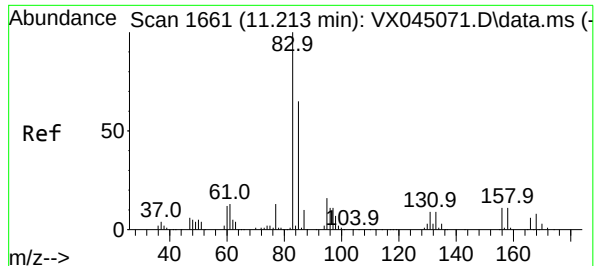
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#74
N-ethyl acetate
Concen: 113.277 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 43 Resp: 287104
Ion Ratio Lower Upper
43 100
70 39.6 31.8 47.6
55 22.3 18.3 27.5
61 23.0 18.3 27.5





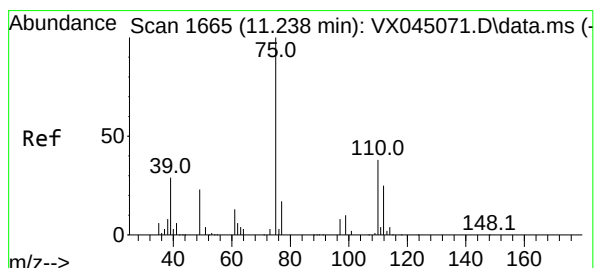
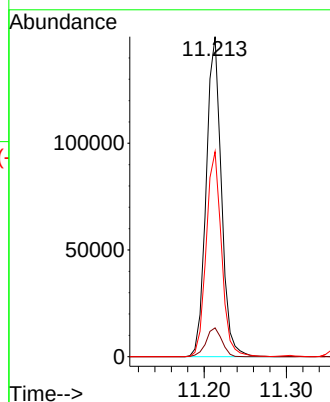
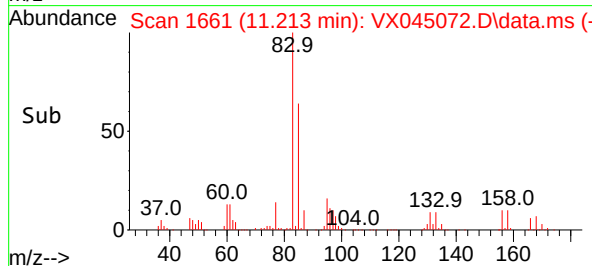
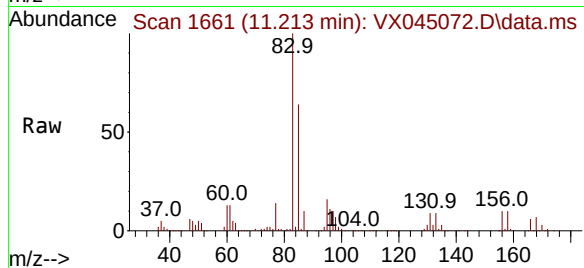
#75
1,1,2,2-Tetrachloroethane
Concen: 99.923 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 19221
Ion Ratio Lower Upper
83 100
131 9.4 4.5 13.4
85 64.7 31.7 95.1

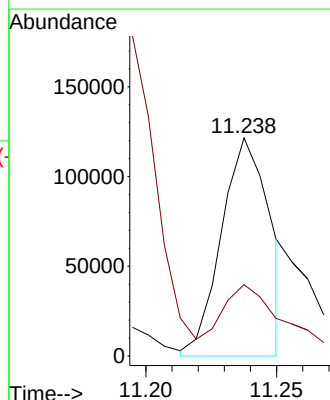
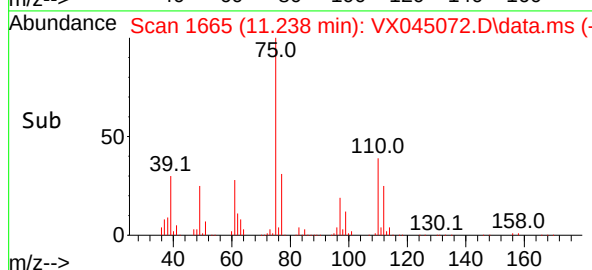
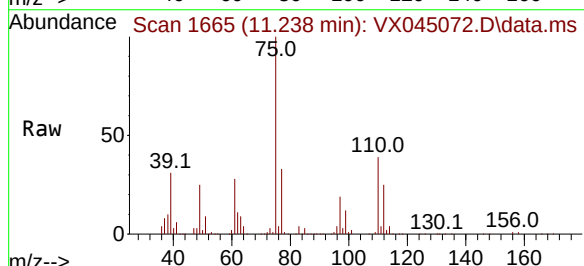
Manual Integrations
APPROVED

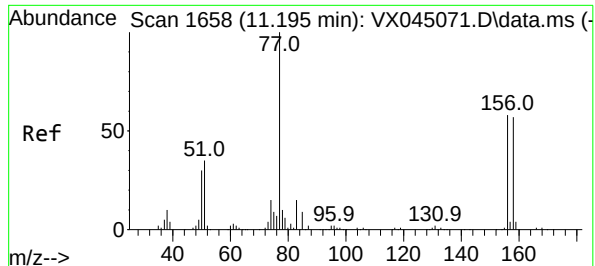
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#76
1,2,3-Trichloropropane
Concen: 101.395 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

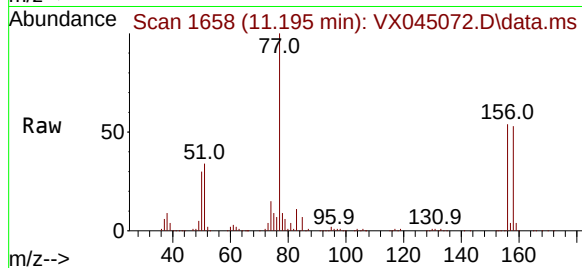
Tgt Ion: 75 Resp: 156259
Ion Ratio Lower Upper
75 100
77 42.7 20.7 62.1





#77
Bromobenzene
Concen: 99.175 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

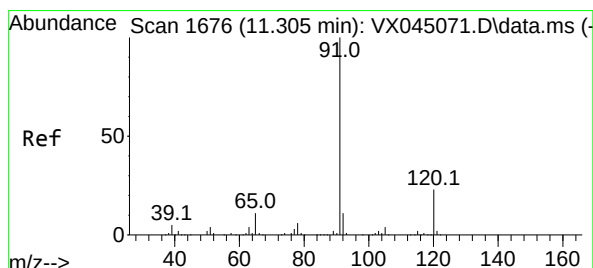
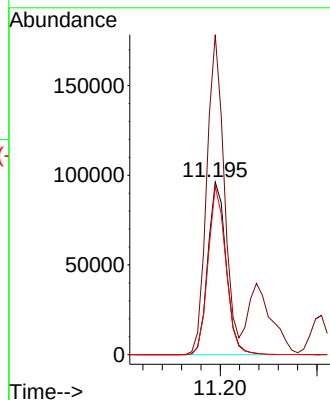
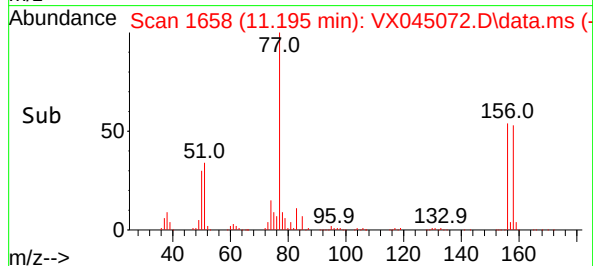
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:156 Resp: 125700
Ion Ratio Lower Upper
156 100
77 177.3 85.8 257.4
158 95.9 48.4 145.2

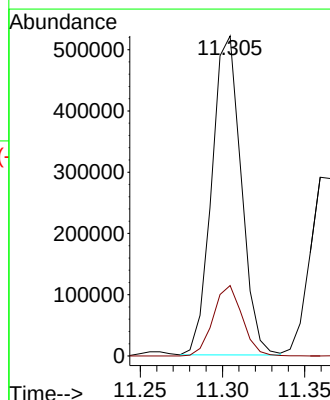
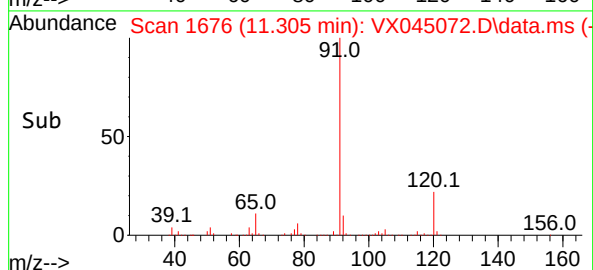
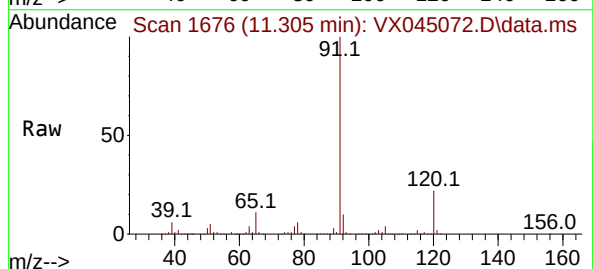
Manual Integrations
APPROVED

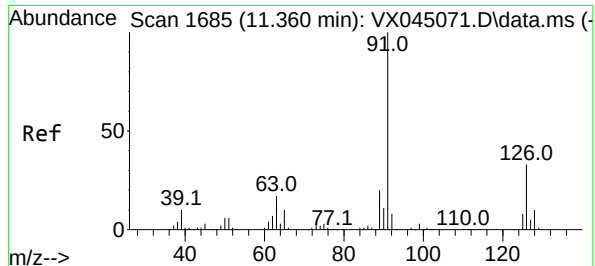
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#78
n-propylbenzene
Concen: 100.758 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 91 Resp: 648835
Ion Ratio Lower Upper
91 100
120 21.8 11.2 33.6





#79

2-Chlorotoluene

Concen: 96.825 ug/l

RT: 11.359 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 91 Resp: 38270

Ion Ratio Lower Upper

91 100

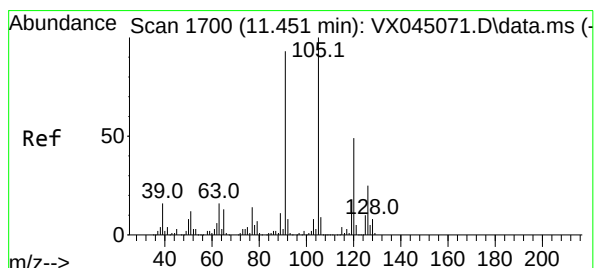
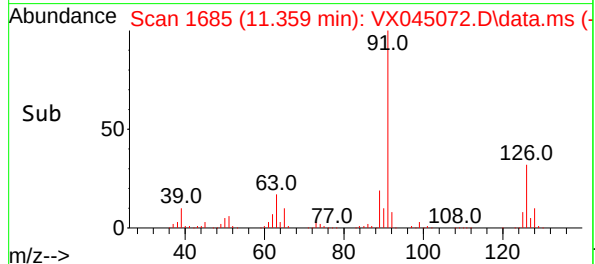
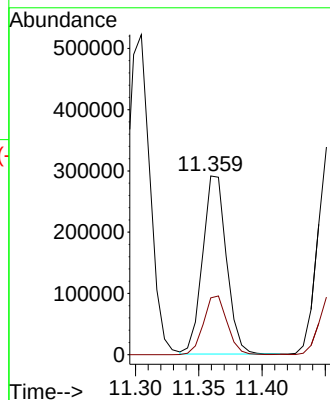
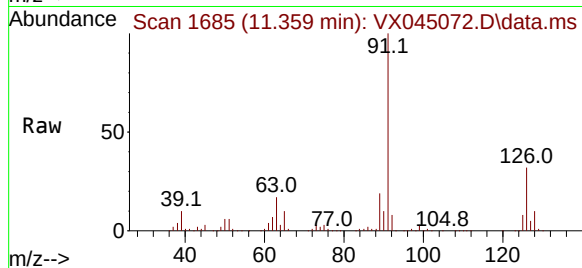
126 32.7 16.4 49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#80

1,3,5-Trimethylbenzene

Concen: 98.356 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX045072.D

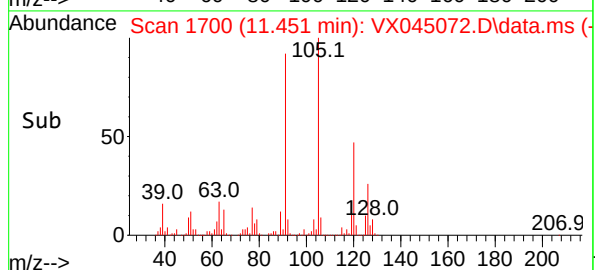
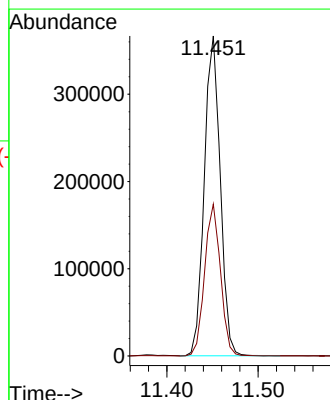
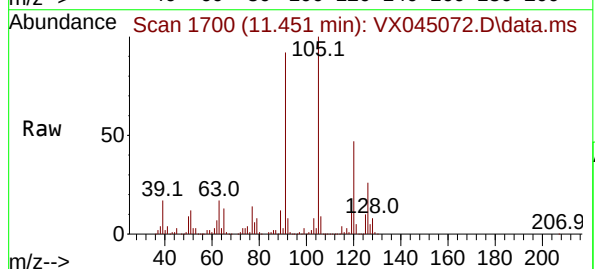
Acq: 28 Feb 2025 03:23

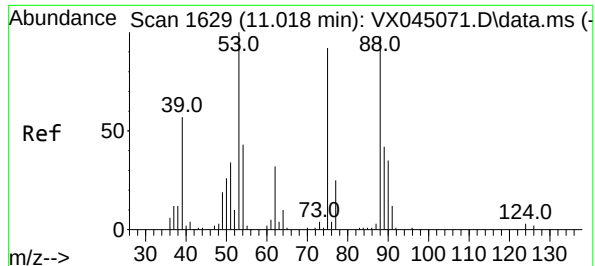
Tgt Ion:105 Resp: 445466

Ion Ratio Lower Upper

105 100

120 47.1 24.1 72.2





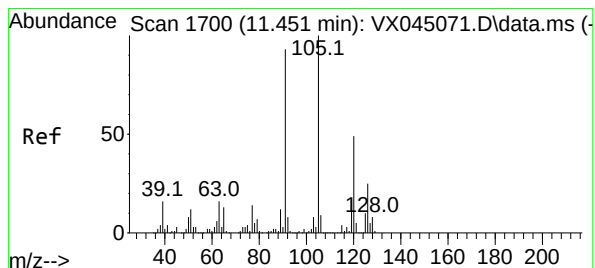
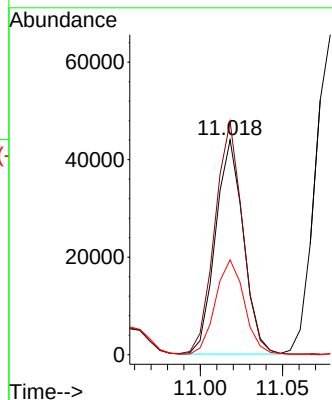
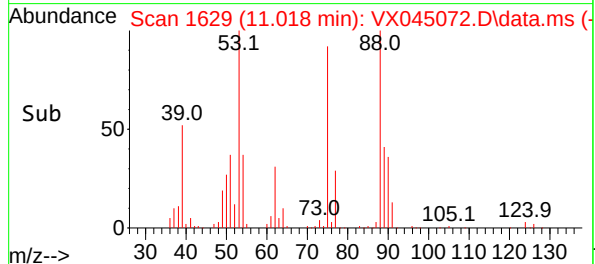
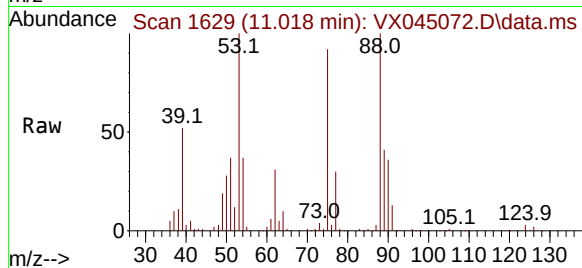
#81
trans-1,4-Dichloro-2-butene
Concen: 91.460 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 75 Resp: 5197
Ion Ratio Lower Upper
75 100
53 109.9 88.5 132.7
89 45.7 36.2 54.4

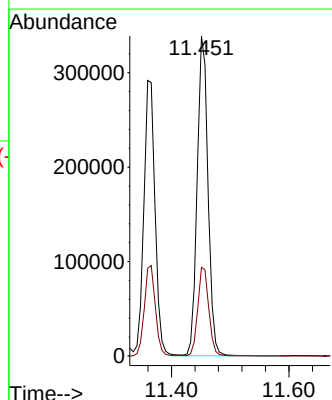
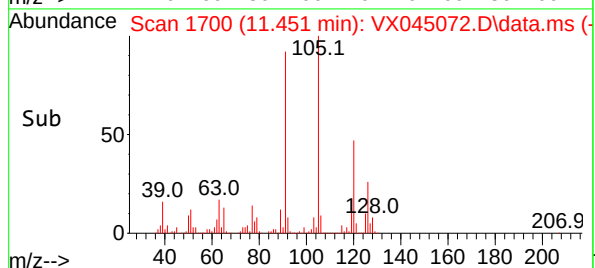
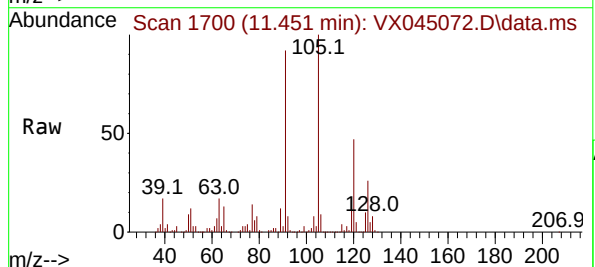
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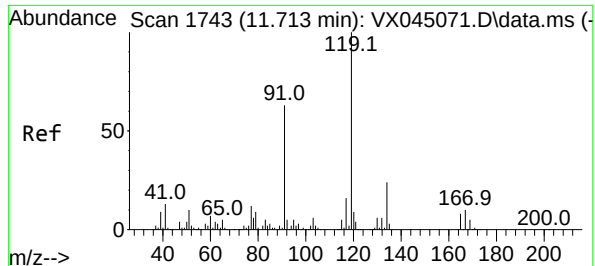
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#82
4-Chlorotoluene
Concen: 99.168 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion: 91 Resp: 433881
Ion Ratio Lower Upper
91 100
126 28.2 14.1 42.4





#83

tert-Butylbenzene

Concen: 99.288 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:119 Resp: 454859

Ion Ratio Lower Upper

119 100

91 61.7 30.7 92.1

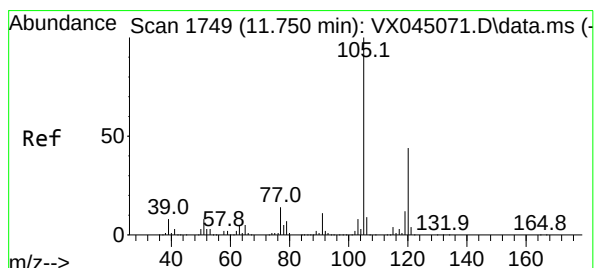
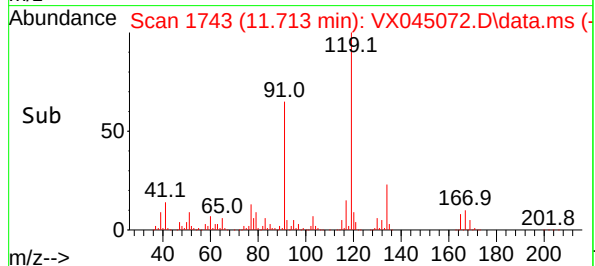
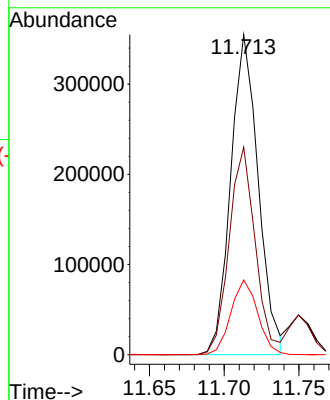
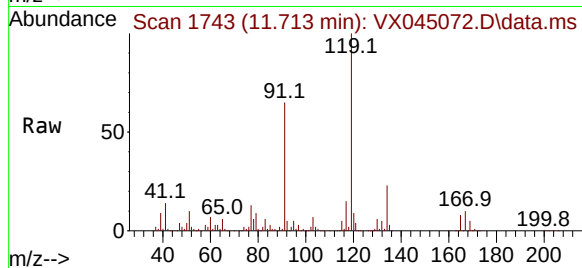
134 22.8 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#84

1,2,4-Trimethylbenzene

Concen: 100.926 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX045072.D

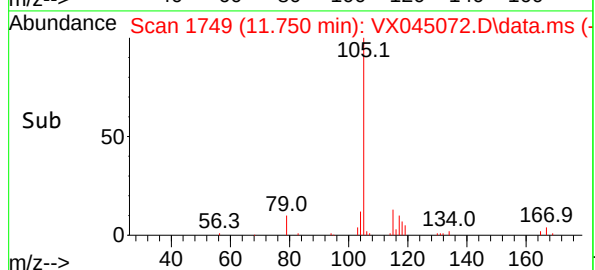
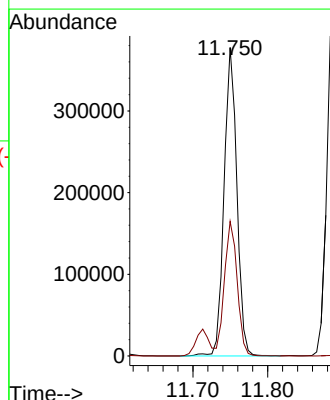
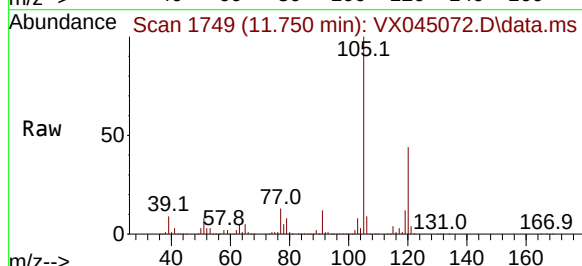
Acq: 28 Feb 2025 03:23

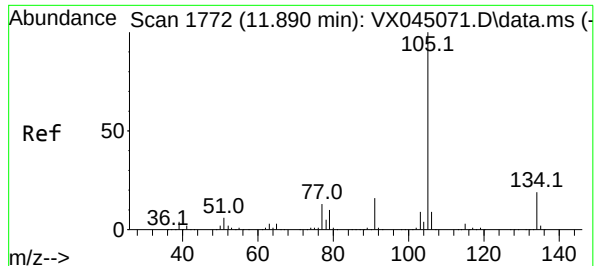
Tgt Ion:105 Resp: 450108

Ion Ratio Lower Upper

105 100

120 43.4 22.1 66.1





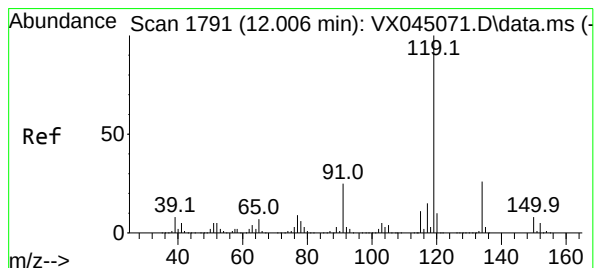
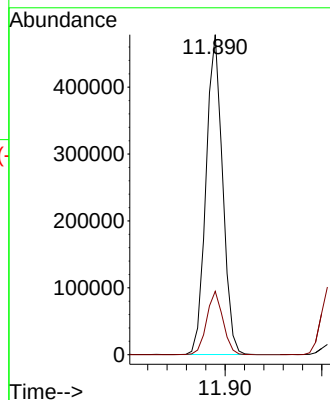
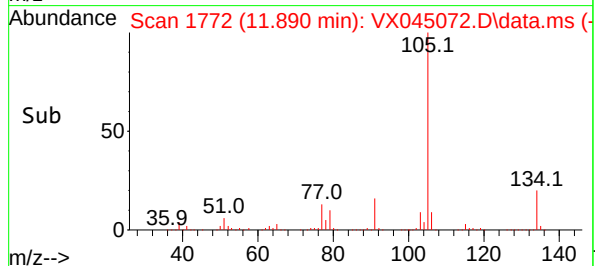
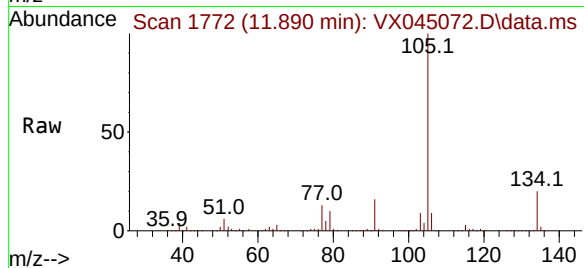
#85
sec-Butylbenzene
Concen: 100.517 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 570000
Ion Ratio Lower Upper
105 100
134 19.6 9.8 29.4

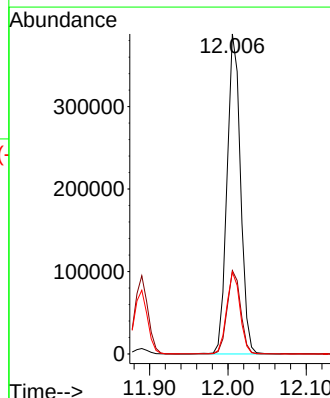
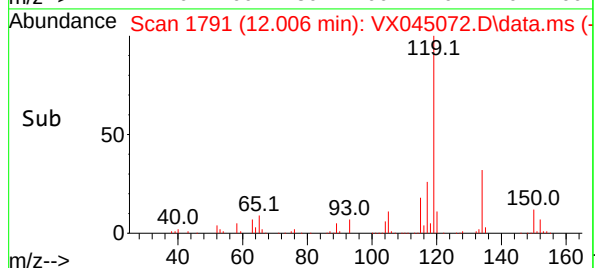
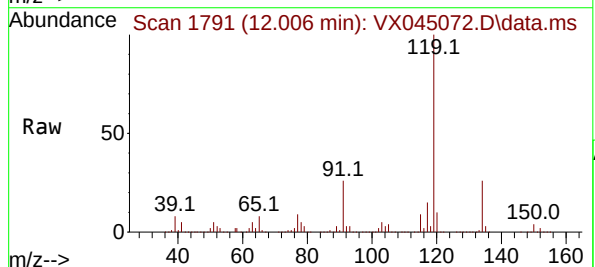
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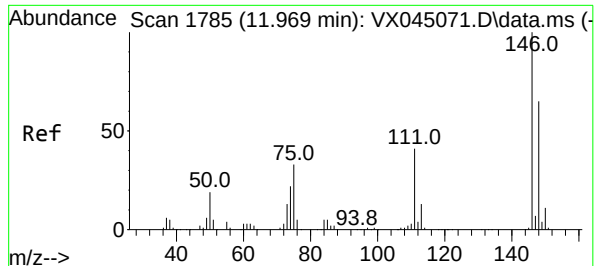
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#86
p-Isopropyltoluene
Concen: 102.252 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:119 Resp: 465512
Ion Ratio Lower Upper
119 100
134 26.0 12.9 38.6
91 25.3 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 99.903 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:146 Resp: 231440

Ion Ratio Lower Upper

146 100

111 42.6 21.1 63.4

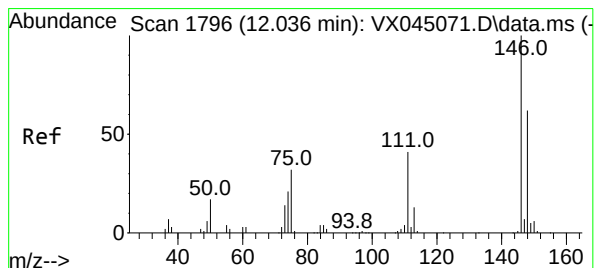
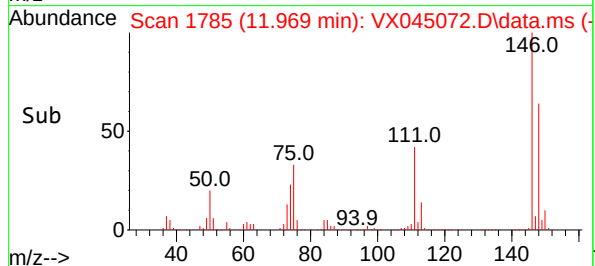
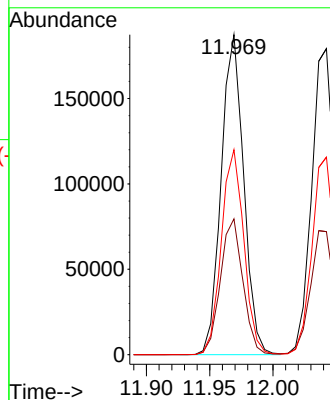
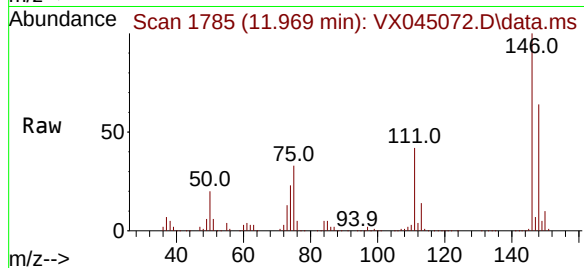
148 64.1 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#88

1,4-Dichlorobenzene

Concen: 98.355 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

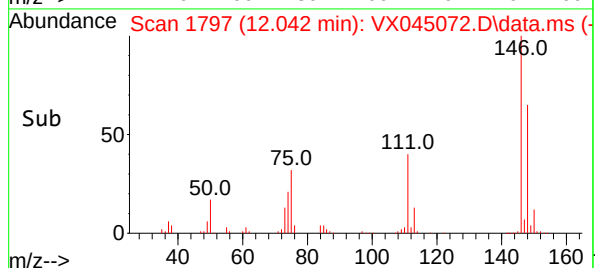
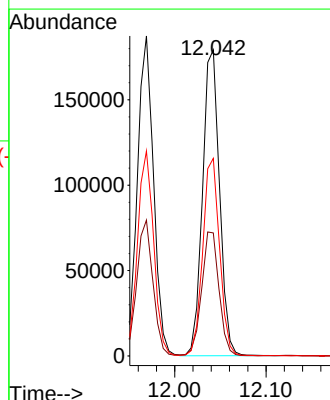
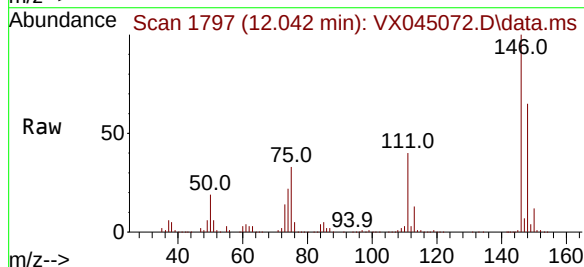
Tgt Ion:146 Resp: 230663

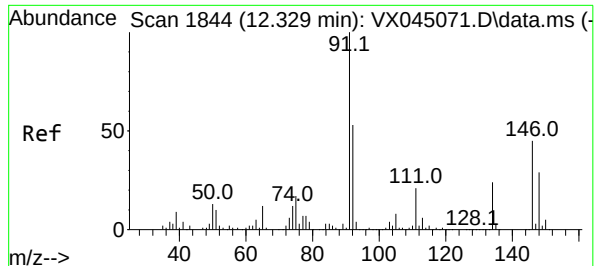
Ion Ratio Lower Upper

146 100

111 41.5 20.2 60.5

148 63.9 31.9 95.9





#89

n-Butylbenzene

Concen: 107.000 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 91 Resp: 428209

Ion Ratio Lower Upper

91 100

92 54.4 26.7 80.0

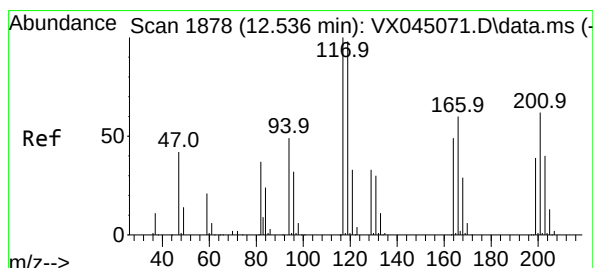
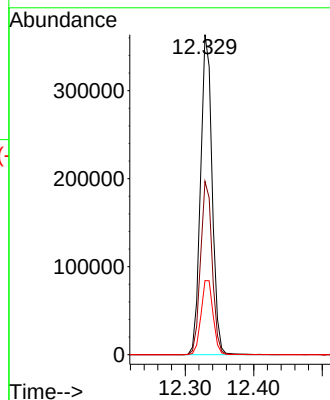
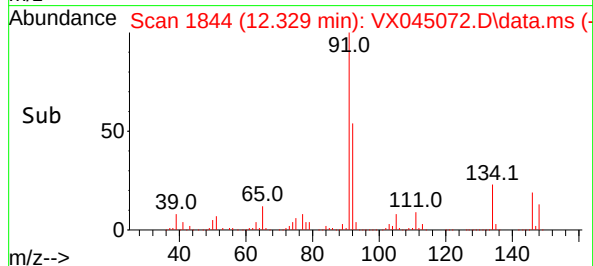
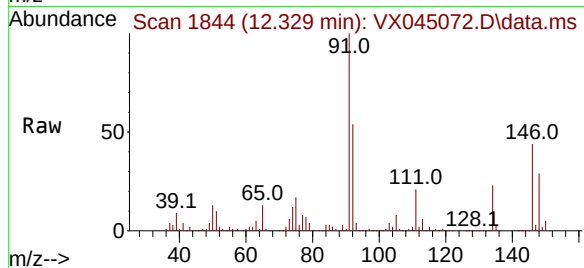
134 24.2 12.2 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#90

Hexachloroethane

Concen: 102.980 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX045072.D

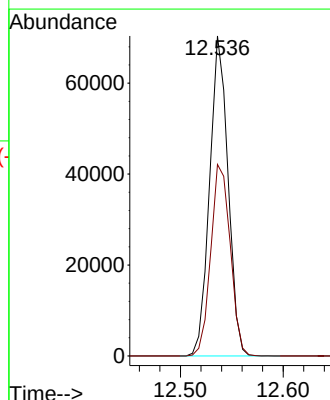
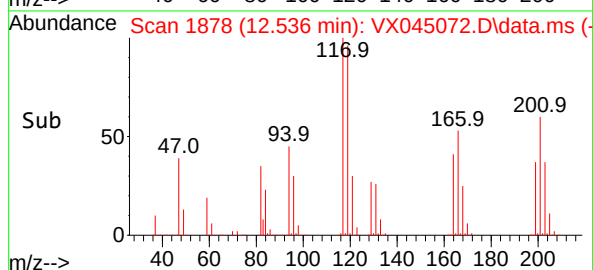
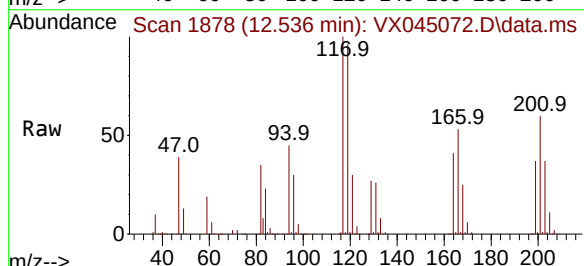
Acq: 28 Feb 2025 03:23

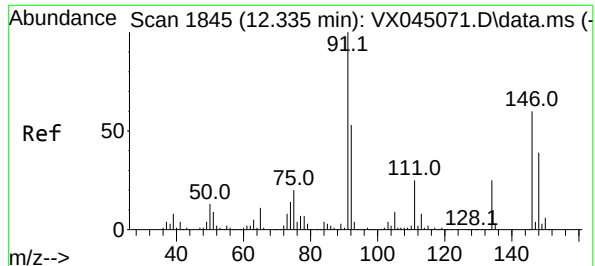
Tgt Ion:117 Resp: 87448

Ion Ratio Lower Upper

117 100

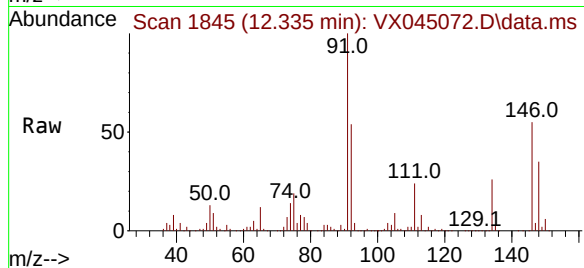
201 63.4 31.9 95.9





#91
1,2-Dichlorobenzene
Concen: 102.254 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

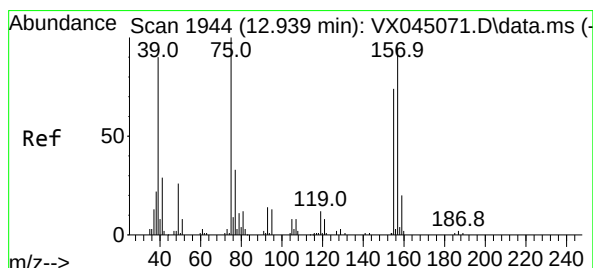
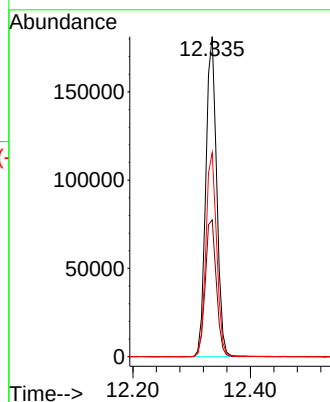
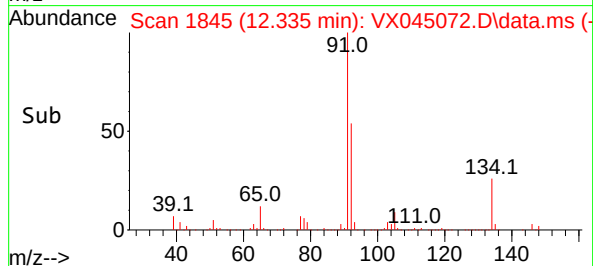
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



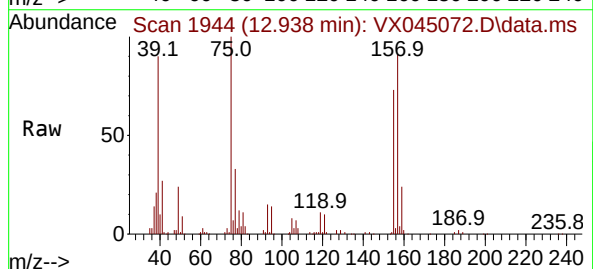
Tgt Ion:146 Resp: 233125
Ion Ratio Lower Upper
146 100
111 43.7 21.6 65.0
148 63.2 31.9 95.9

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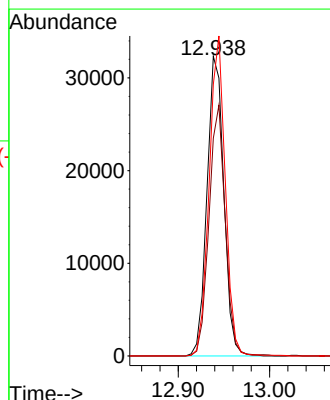
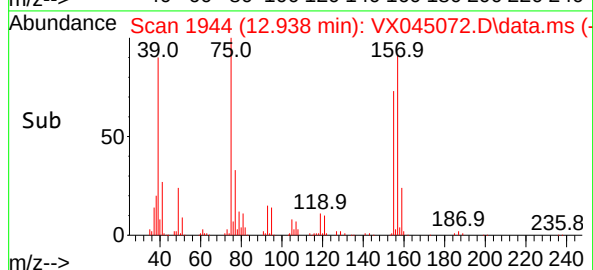
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

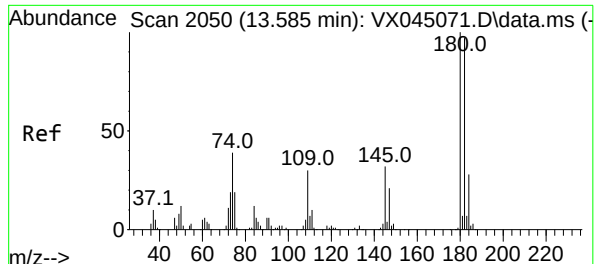


#92
1,2-Dibromo-3-Chloropropane
Concen: 116.296 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23



Tgt Ion: 75 Resp: 41402
Ion Ratio Lower Upper
75 100
155 80.6 39.6 118.7
157 101.8 51.1 153.4





#93

1,2,4-Trichlorobenzene

Concen: 107.648 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:180 Resp: 148368

Ion Ratio Lower Upper

180 100

182 95.1 47.3 141.9

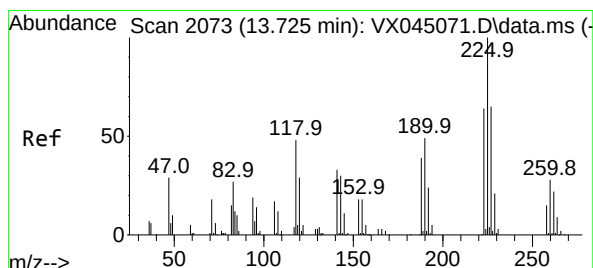
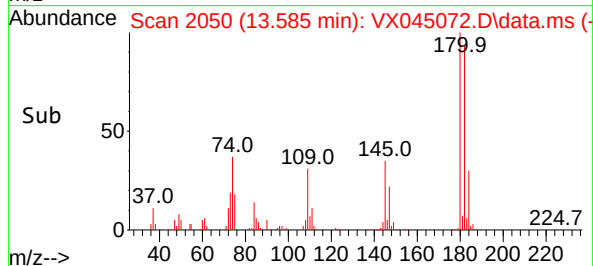
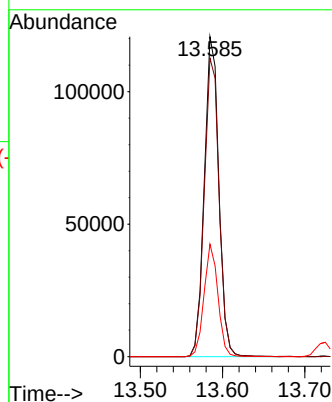
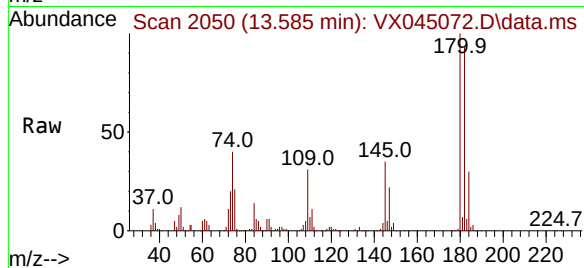
145 33.6 16.3 48.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#94

Hexachlorobutadiene

Concen: 102.019 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX045072.D

Acq: 28 Feb 2025 03:23

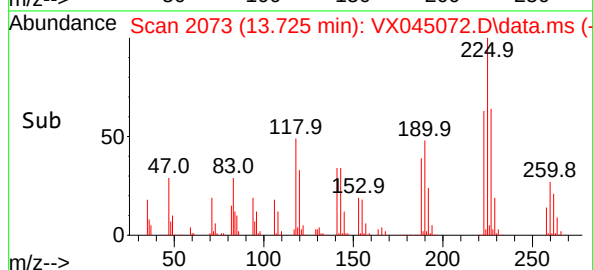
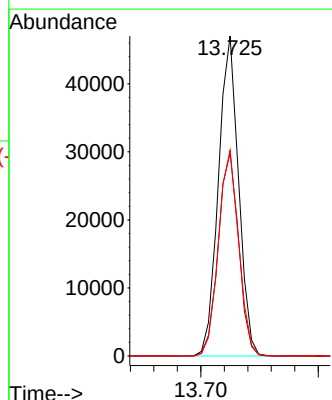
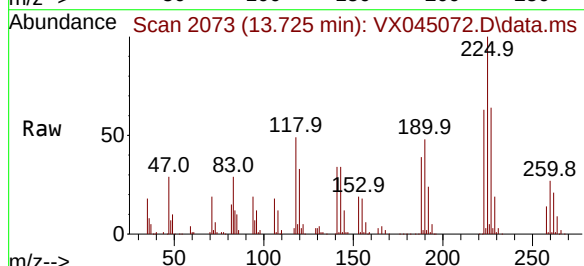
Tgt Ion:225 Resp: 56065

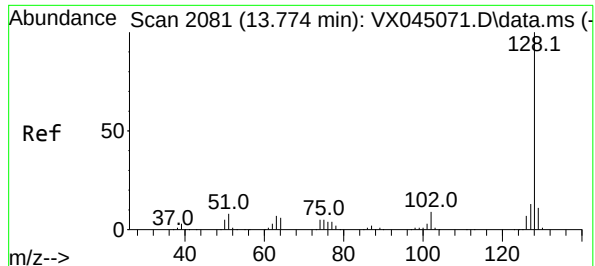
Ion Ratio Lower Upper

225 100

223 64.1 31.9 95.7

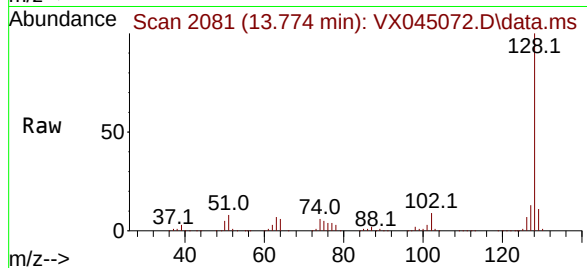
227 64.4 31.4 94.0





#95
Naphthalene
Concen: 112.593 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

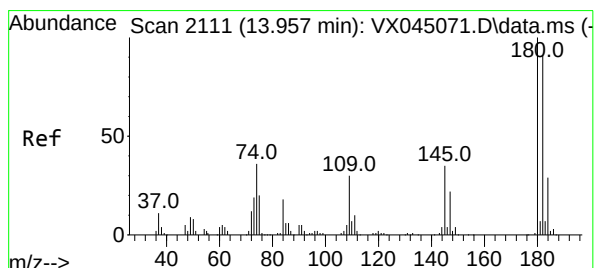
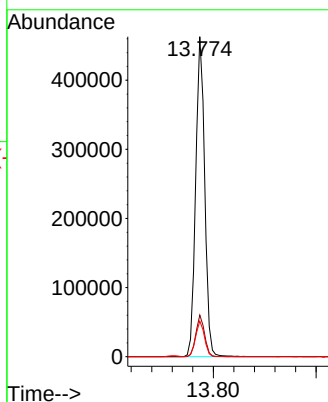
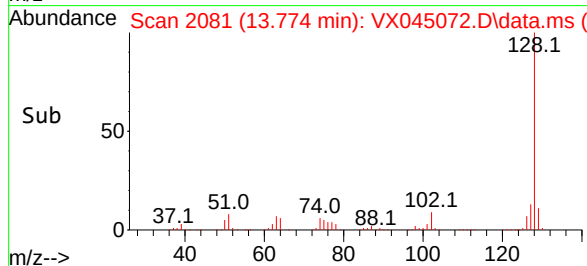
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:128 Resp: 565250
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.9 8.7 13.1

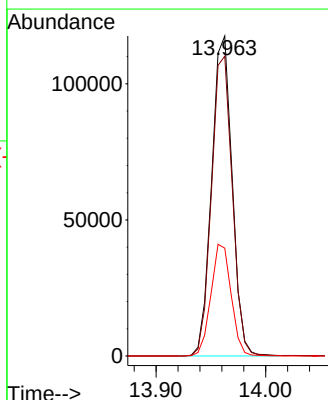
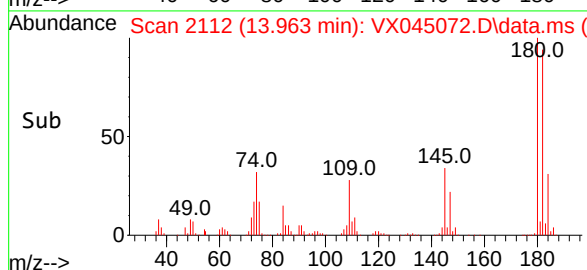
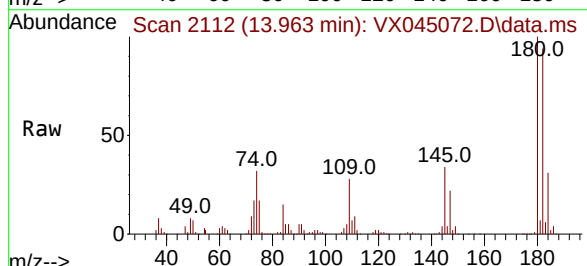
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#96
1,2,3-Trichlorobenzene
Concen: 109.554 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX045072.D
Acq: 28 Feb 2025 03:23

Tgt Ion:180 Resp: 152970
Ion Ratio Lower Upper
180 100
182 95.2 47.5 142.6
145 34.5 17.0 50.9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
 Data File : VX045073.D
 Acq On : 28 Feb 2025 03:47
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Feb 28 05:36:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 05:28:02 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/28/2025
 Supervised By : Mahesh Dadoda 02/28/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	95754	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	176991	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	150547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67685	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	234624	165.865	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 331.740%#			
35) Dibromofluoromethane	5.379	113	179722	155.359	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 310.720%#			
50) Toluene-d8	8.647	98	638979	147.538	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 295.080%#			
62) 4-Bromofluorobenzene	11.079	95	223346	154.420	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 308.840%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	174297	132.067	ug/l	96
3) Chloromethane	1.307	50	213704	133.072	ug/l	97
4) Vinyl Chloride	1.374	62	217672	138.774	ug/l	97
5) Bromomethane	1.593	94	83547	170.379	ug/l	98
6) Chloroethane	1.660	64	82101	137.509	ug/l	95
7) Trichlorofluoromethane	1.861	101	272235	135.494	ug/l	98
8) Diethyl Ether	2.136	74	110005	150.660	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.313	101	161825	134.877	ug/l	99
10) Methyl Iodide	2.441	142	212355	138.059	ug/l	99
11) Tert butyl alcohol	3.014	59	195415	754.176	ug/l	97
12) 1,1-Dichloroethene	2.300	96	173271	140.655	ug/l	96
13) Acrolein	2.239	56	263999	940.846	ug/l	98
14) Allyl chloride	2.654	41	308018	139.077	ug/l	98
15) Acrylonitrile	3.069	53	573208	813.990	ug/l	99
16) Acetone	2.392	43	511828	879.387	ug/l	100
17) Carbon Disulfide	2.495	76	487720	145.511	ug/l	98
18) Methyl Acetate	2.709	43	258303	147.347	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	619778	157.358	ug/l	99
20) Methylene Chloride	2.782	84	202913	147.198	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	176924	146.027	ug/l	98
22) Diisopropyl ether	3.764	45	662828	156.526	ug/l	98
23) Vinyl Acetate	3.721	43	2943150	846.586	ug/l	99
24) 1,1-Dichloroethane	3.605	63	363081	153.453	ug/l	99
25) 2-Butanone	4.568	43	818497	872.239	ug/l	99
26) 2,2-Dichloropropane	4.465	77	179826	102.231	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	220826	151.205	ug/l	98
28) Bromochloromethane	4.891	49	171273	150.105	ug/l	100
29) Tetrahydrofuran	5.007	42	528574	850.174	ug/l	99
30) Chloroform	5.093	83	351934	152.067	ug/l	97
31) Cyclohexane	5.458	56	302215	139.174	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	294434	151.120	ug/l	100
36) 1,1-Dichloropropene	5.684	75	241405	145.112	ug/l	100
37) Ethyl Acetate	4.721	43	316250	167.067	ug/l	99
38) Carbon Tetrachloride	5.672	117	245917	150.363	ug/l	99
39) Methylcyclohexane	7.373	83	292216	137.544	ug/l	97
40) Benzene	6.031	78	755854	145.368	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
 Data File : VX045073.D
 Acq On : 28 Feb 2025 03:47
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Feb 28 05:36:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 05:28:02 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/28/2025
 Supervised By : Mahesh Dadoda 02/28/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	175023	173.088	ug/l	99
42) 1,2-Dichloroethane	6.080	62	276129	163.872	ug/l	99
43) Isopropyl Acetate	6.342	43	511643	169.804	ug/l	99
44) Trichloroethene	7.123	130	178483	150.181	ug/l	97
45) 1,2-Dichloropropane	7.428	63	198135	153.334	ug/l	100
46) Dibromomethane	7.580	93	142119	157.443	ug/l	99
47) Bromodichloromethane	7.818	83	280255	160.492	ug/l	99
48) Methyl methacrylate	7.696	41	252275	176.370	ug/l	99
49) 1,4-Dioxane	7.665	88	96268	3166.423	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	1536157	832.051	ug/l	99
52) Toluene	8.714	92	448664	145.321	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	266444	154.373	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	293521	152.117	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	178217	149.046	ug/l	98
56) Ethyl methacrylate	9.116	69	310992	162.631	ug/l	98
57) 1,3-Dichloropropane	9.305	76	312196	149.699	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	717328	764.019	ug/l	99
59) 2-Hexanone	9.433	43	1156653	868.492	ug/l	100
60) Dibromochloromethane	9.519	129	201906	158.276	ug/l	99
61) 1,2-Dibromoethane	9.610	107	185828	154.074	ug/l	100
64) Tetrachloroethene	9.269	164	139536	145.906	ug/l	94
65) Chlorobenzene	10.079	112	472117	146.096	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	163370	156.845	ug/l	97
67) Ethyl Benzene	10.189	91	852575	149.191	ug/l	99
68) m/p-Xylenes	10.299	106	607523	288.655	ug/l	97
69) o-Xylene	10.640	106	302495	143.259	ug/l	99
70) Styrene	10.653	104	512379	150.979	ug/l	99
71) Bromoform	10.799	173	135388	174.808	ug/l #	99
73) Isopropylbenzene	10.963	105	780706	142.719	ug/l	99
74) N-amyl acetate	10.842	43	429686	173.042	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	283558	150.458	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	229435m	151.960	ug/l	
77) Bromobenzene	11.195	156	180997	145.760	ug/l	96
78) n-propylbenzene	11.305	91	923593	146.395	ug/l	99
79) 2-Chlorotoluene	11.366	91	548695	141.695	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	635832	143.293	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	82267	147.761	ug/l	98
82) 4-Chlorotoluene	11.451	91	627816	146.464	ug/l	99
83) tert-Butylbenzene	11.713	119	641713	142.974	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	647248	148.135	ug/l	100
85) sec-Butylbenzene	11.890	105	807713	145.383	ug/l	100
86) p-Isopropyltoluene	12.006	119	664916	149.075	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	334751	147.488	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	333594	145.189	ug/l	99
89) n-Butylbenzene	12.329	91	620757	158.324	ug/l	99
90) Hexachloroethane	12.536	117	128582	154.554	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	329318	147.436	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	64958	186.240	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	219313	162.416	ug/l	99
94) Hexachlorobutadiene	13.725	225	80241	149.034	ug/l	99
95) Naphthalene	13.774	128	828949	168.538	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	222608	162.727	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045073.D
Acq On : 28 Feb 2025 03:47
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

Quant Time: Feb 28 05:36:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 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\VX022825\
 Data File : VX045073.D
 Acq On : 28 Feb 2025 03:47
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :

MSVOA_X

Client SampleId :

VSTDIC150

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025

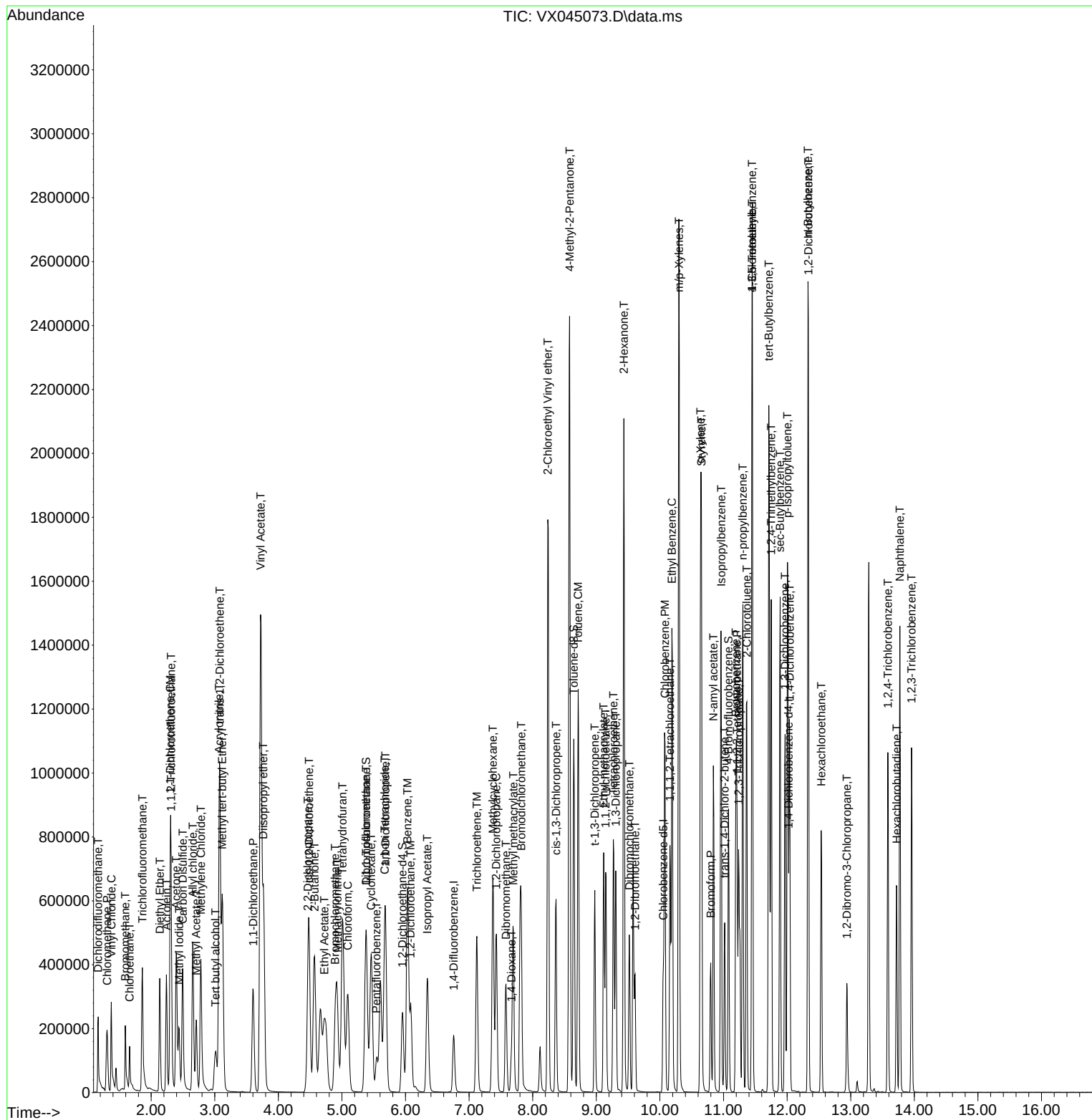
Quant Time: Feb 28 05:36:17 2025

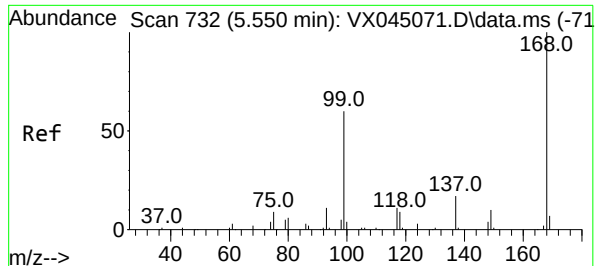
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M

Quant Title : SW846 8260

QLast Update : Fri Feb 28 05:28:02 2025

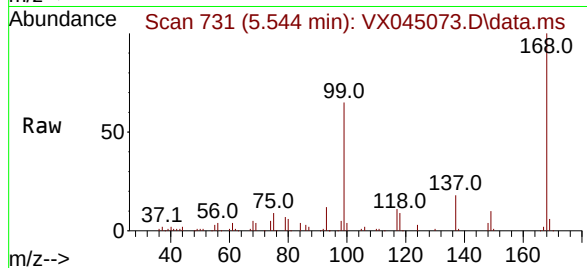
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

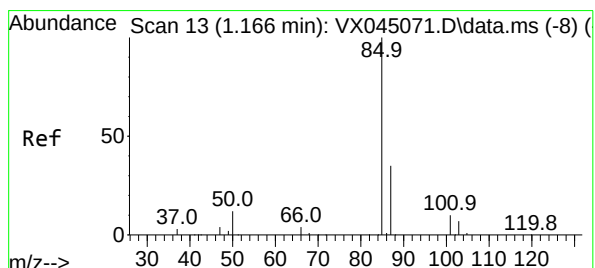
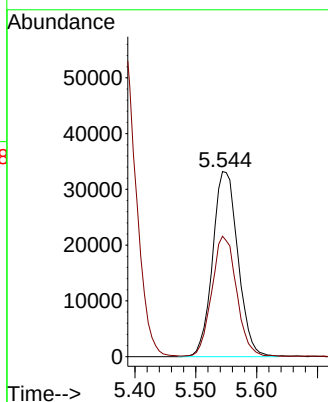
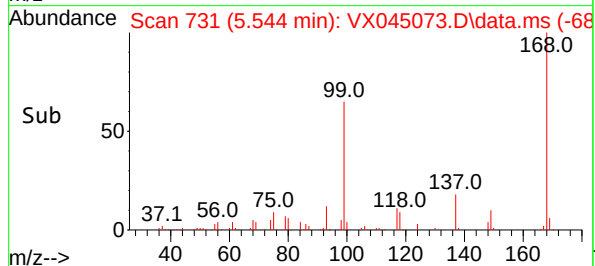
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:168 Resp: 95754
Ion Ratio Lower Upper
168 100
99 64.8 48.2 72.4

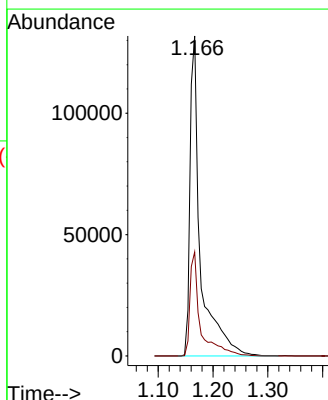
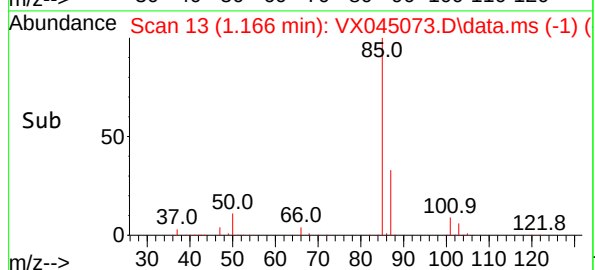
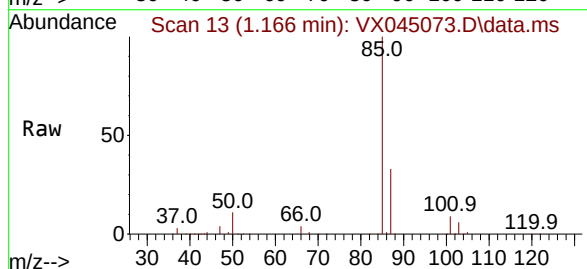
Manual Integrations
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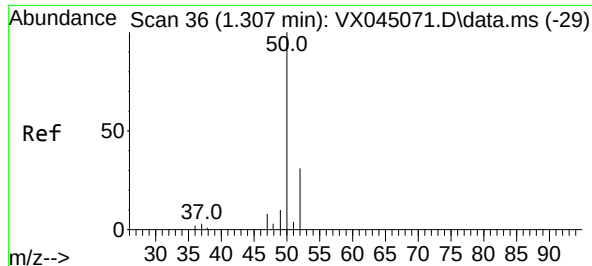
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#2
Dichlorodifluoromethane
Concen: 132.067 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

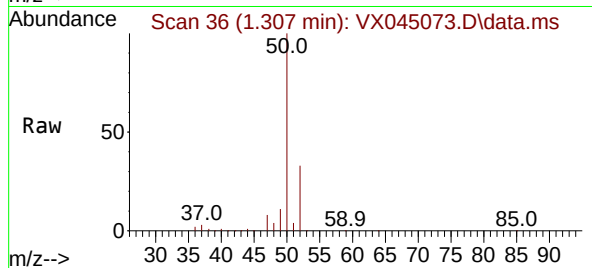
Tgt Ion: 85 Resp: 174297
Ion Ratio Lower Upper
85 100
87 32.5 17.4 52.3





#3
Chloromethane
Concen: 133.072 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

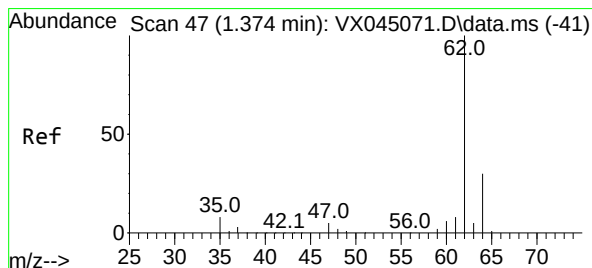
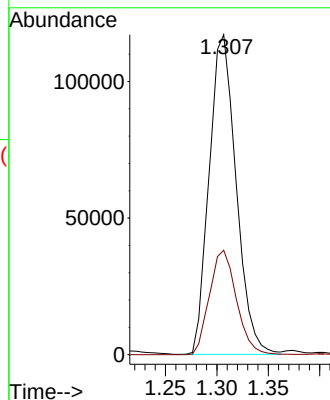
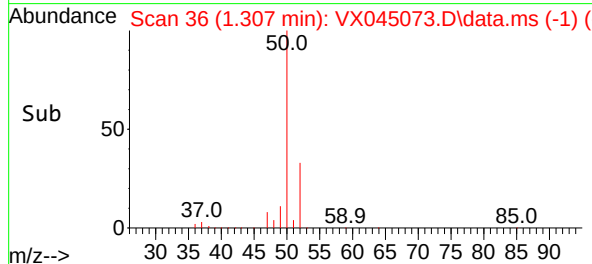
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 50 Resp: 213704
Ion Ratio Lower Upper
50 100
52 32.7 25.0 37.4

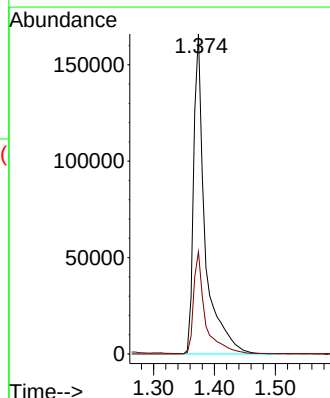
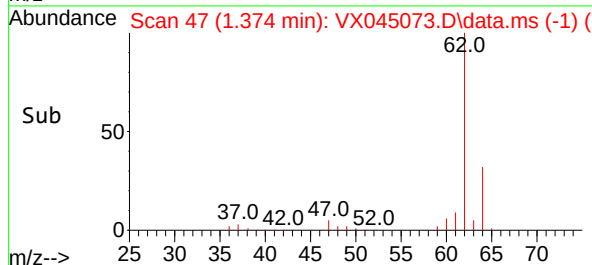
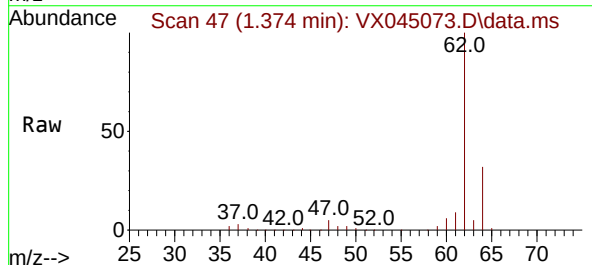
Manual Integrations
APPROVED

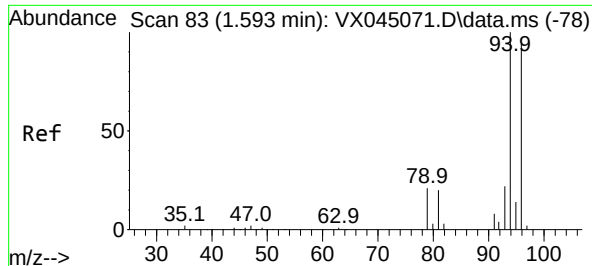
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#4
Vinyl Chloride
Concen: 138.774 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 62 Resp: 217672
Ion Ratio Lower Upper
62 100
64 31.8 24.3 36.5





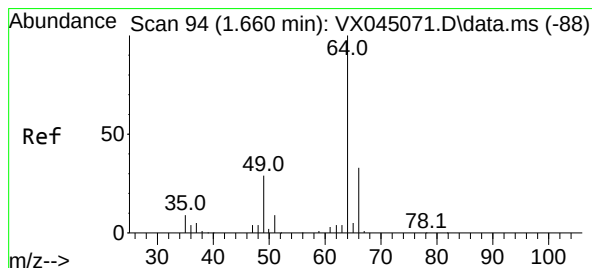
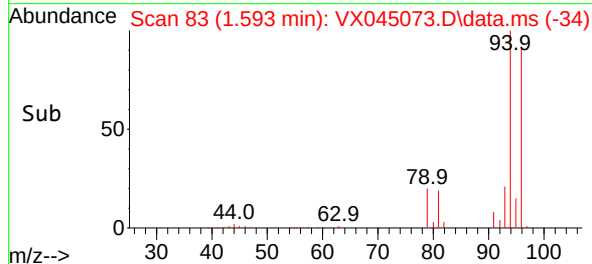
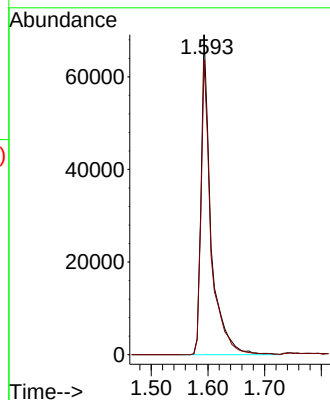
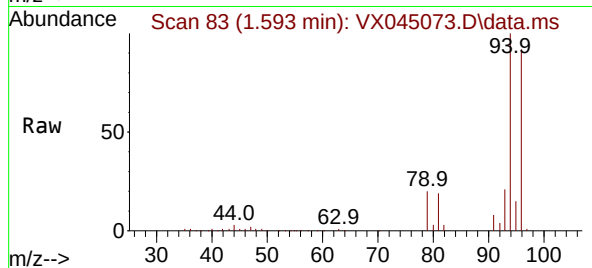
#5
Bromomethane
Concen: 170.379 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 94 Resp: 8354
Ion Ratio Lower Upper
94 100
96 92.2 75.0 112.4

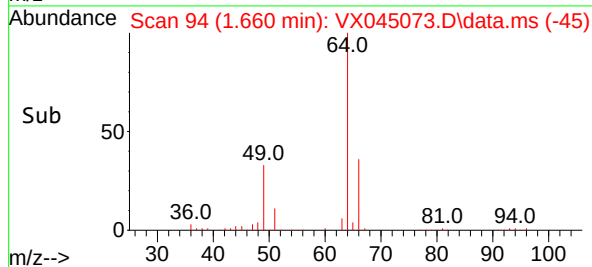
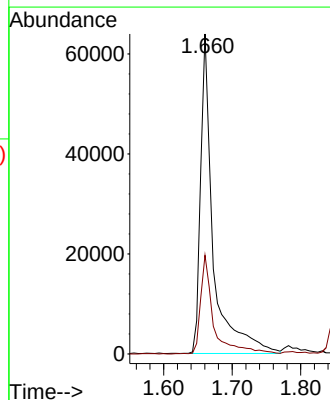
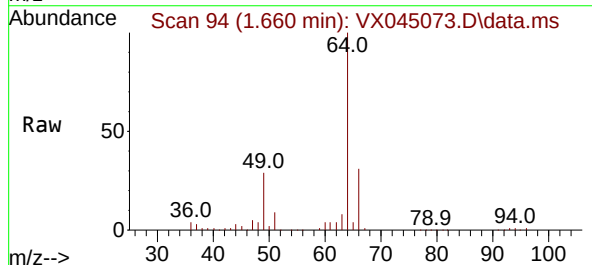
Manual Integrations
APPROVED

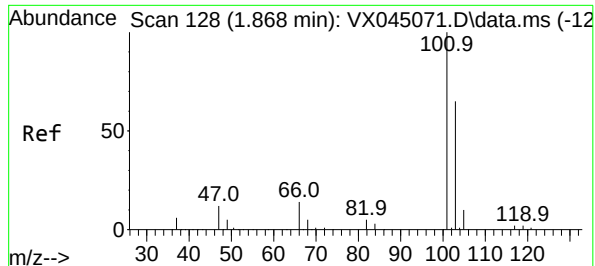
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#6
Chloroethane
Concen: 137.509 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

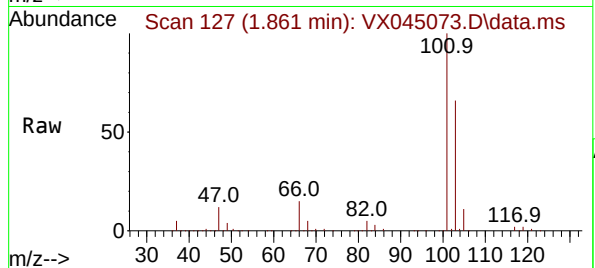
Tgt Ion: 64 Resp: 82101
Ion Ratio Lower Upper
64 100
66 30.8 26.7 40.1





#7
Trichlorofluoromethane
Concen: 135.494 ug/l
RT: 1.861 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

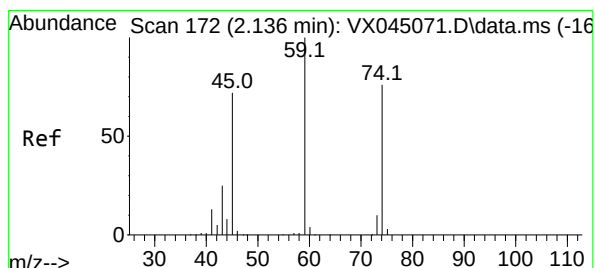
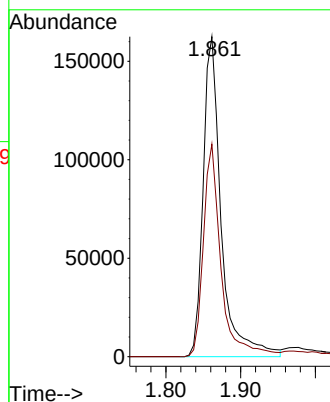
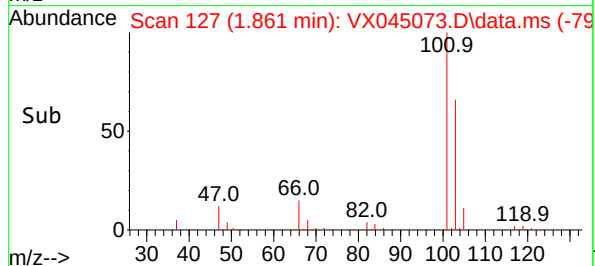
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:101 Resp: 27223
Ion Ratio Lower Upper
101 100
103 66.4 52.1 78.1

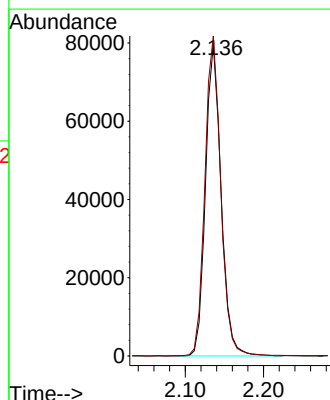
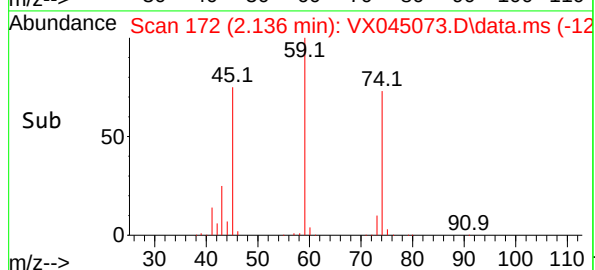
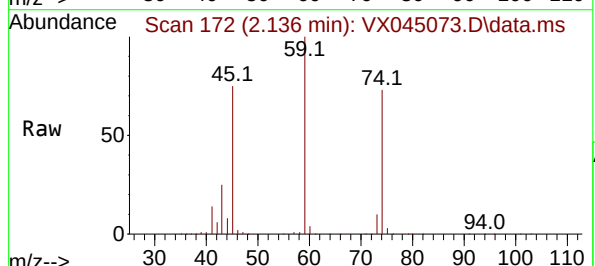
Manual Integrations
APPROVED

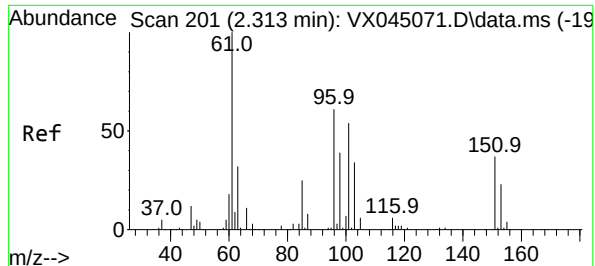
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#8
Diethyl Ether
Concen: 150.660 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 74 Resp: 110005
Ion Ratio Lower Upper
74 100
45 104.9 51.5 154.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 134.877 ug/l

RT: 2.313 min Scan# 201

Delta R.T. -0.000 min

Lab File: VX045073.D

Acq: 28 Feb 2025 03:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:101 Resp: 16182

Ion Ratio Lower Upper

101 100

85 45.8 36.2 54.4

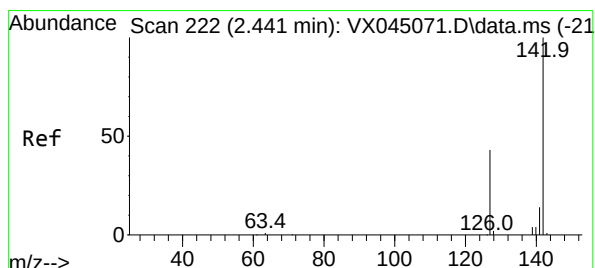
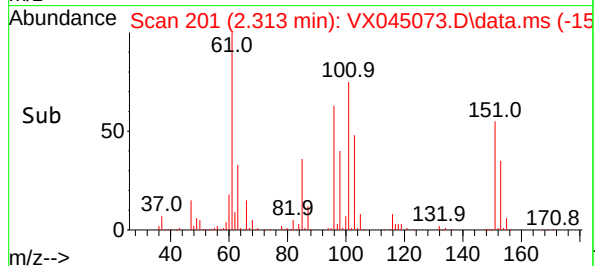
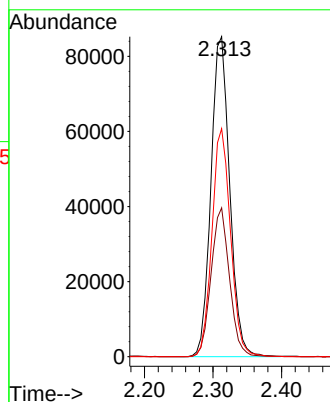
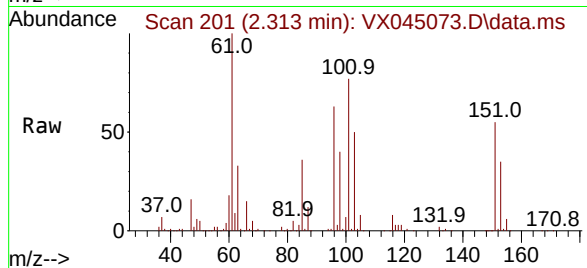
151 70.8 56.4 84.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#10

Methyl Iodide

Concen: 138.059 ug/l

RT: 2.441 min Scan# 222

Delta R.T. -0.000 min

Lab File: VX045073.D

Acq: 28 Feb 2025 03:47

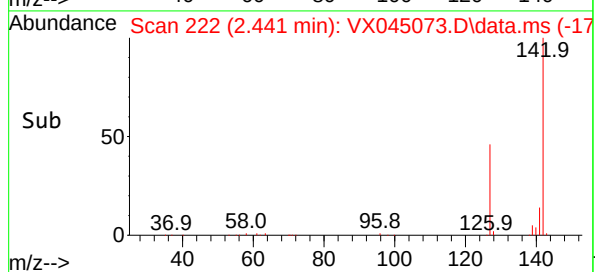
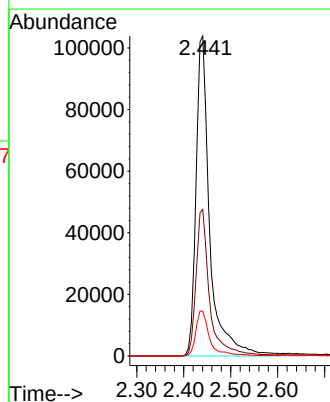
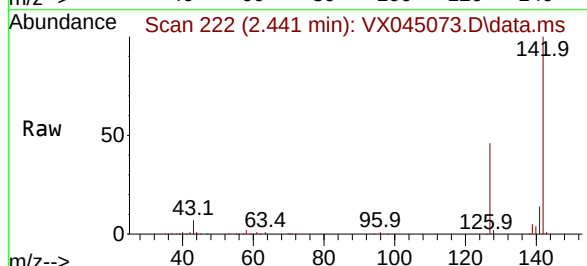
Tgt Ion:142 Resp: 212355

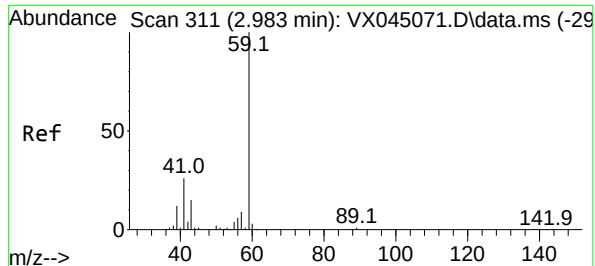
Ion Ratio Lower Upper

142 100

127 45.2 35.4 53.2

141 14.3 11.6 17.4





#11

Tert butyl alcohol

Concen: 754.176 ug/l

RT: 3.014 min Scan# 311

Delta R.T. 0.030 min

Lab File: VX045073.D

Acq: 28 Feb 2025 03:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 59 Resp: 19541

Ion Ratio Lower Upper

59 100

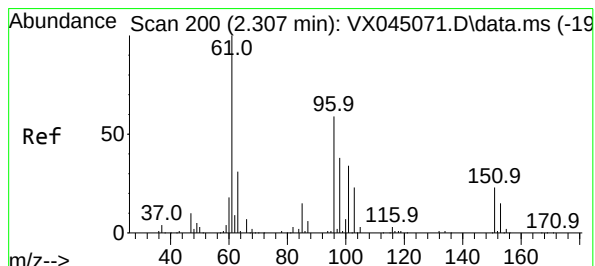
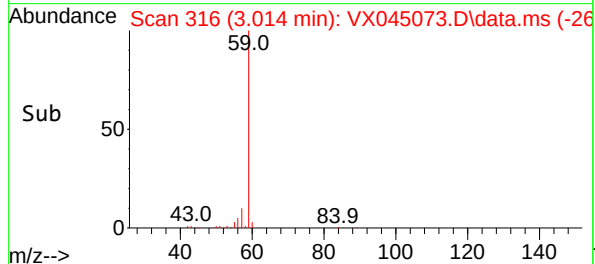
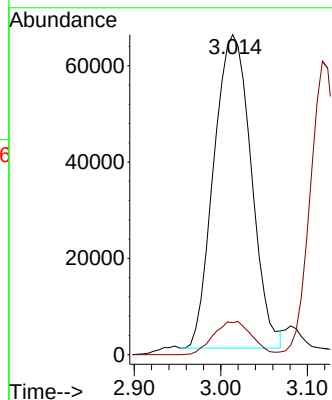
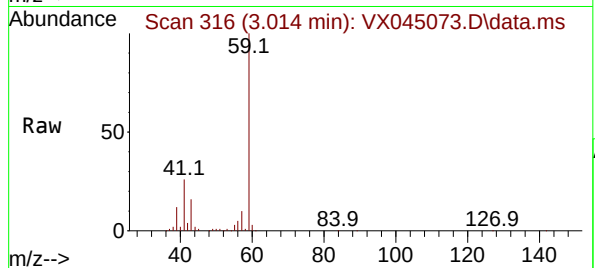
57 10.9 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#12

1,1-Dichloroethene

Concen: 140.655 ug/l

RT: 2.300 min Scan# 199

Delta R.T. -0.006 min

Lab File: VX045073.D

Acq: 28 Feb 2025 03:47

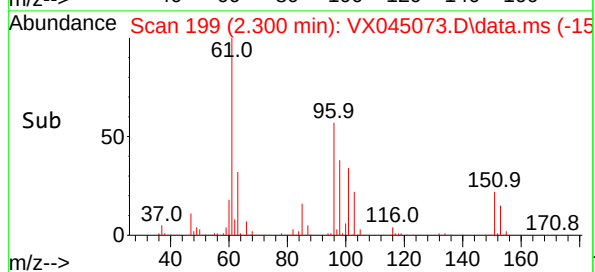
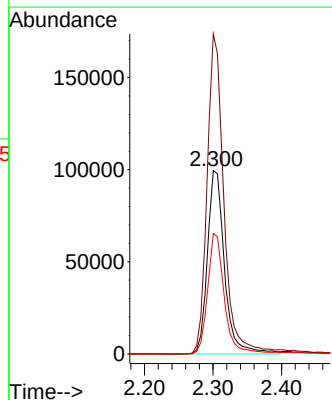
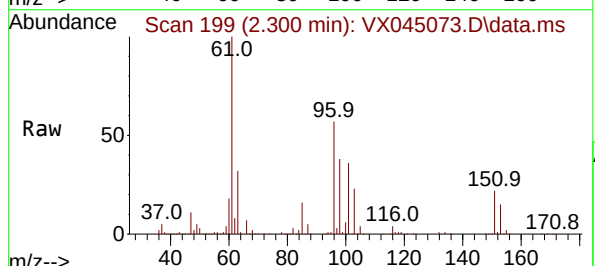
Tgt Ion: 96 Resp: 173271

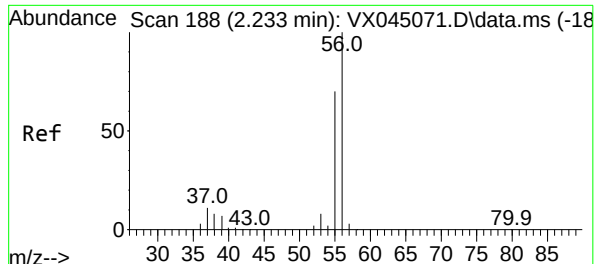
Ion Ratio Lower Upper

96 100

61 174.5 134.6 202.0

98 65.6 51.0 76.6





#13

Acrolein

Concen: 940.846 ug/l

RT: 2.239 min Scan# 188

Delta R.T. 0.006 min

Lab File: VX045073.D

Acq: 28 Feb 2025 03:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 56 Resp: 263999

Ion Ratio Lower Upper

56 100

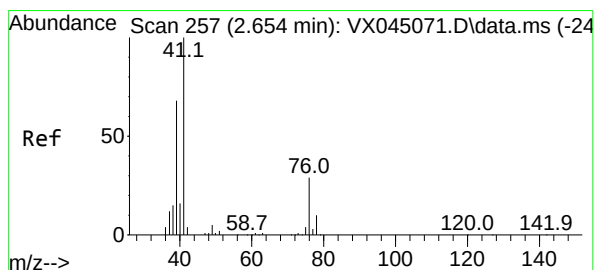
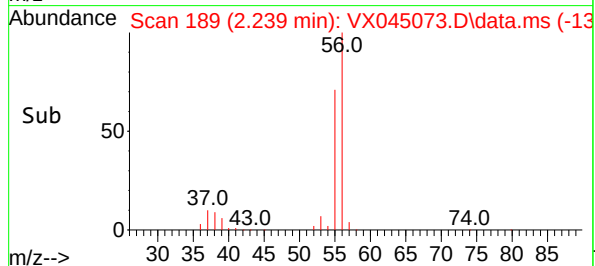
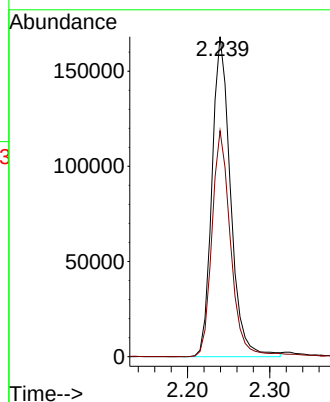
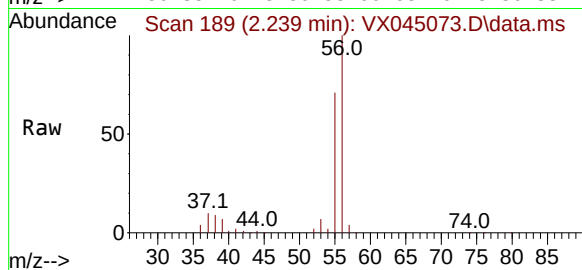
55 71.6 56.2 84.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#14

Allyl chloride

Concen: 139.077 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.000 min

Lab File: VX045073.D

Acq: 28 Feb 2025 03:47

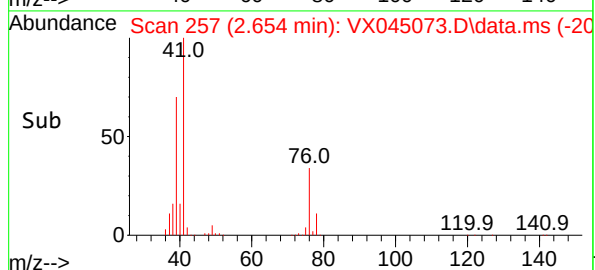
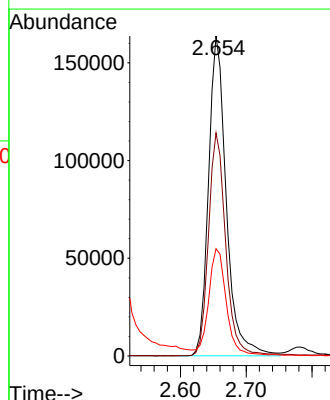
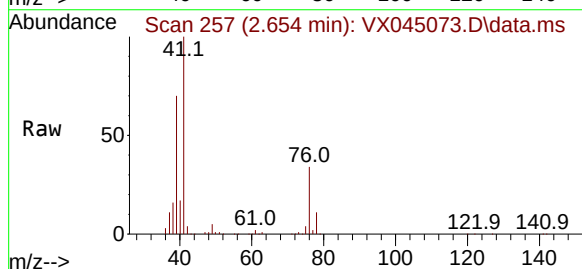
Tgt Ion: 41 Resp: 308018

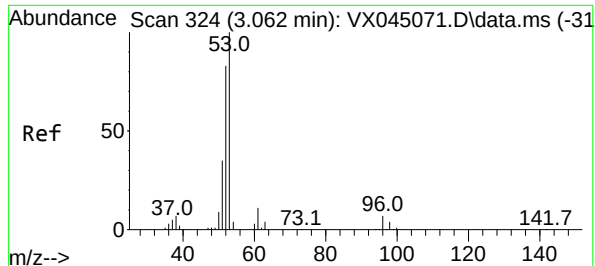
Ion Ratio Lower Upper

41 100

39 67.9 53.8 80.8

76 33.8 25.2 37.8





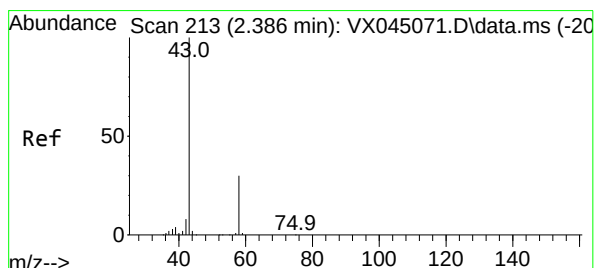
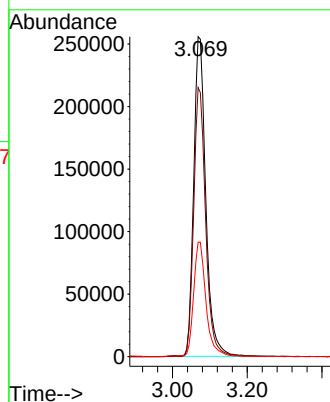
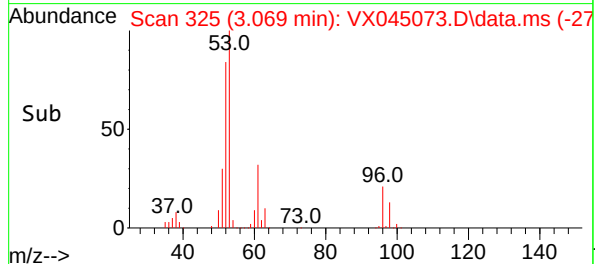
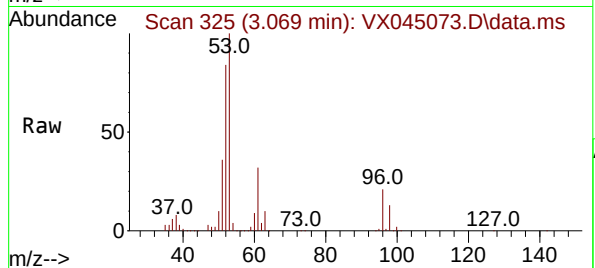
#15
Acrylonitrile
Concen: 813.990 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 53 Resp: 573208
Ion Ratio Lower Upper
53 100
52 83.3 66.2 99.2
51 37.0 29.0 43.4

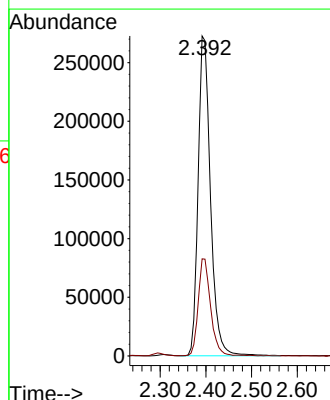
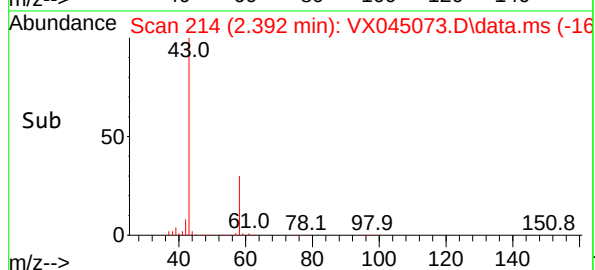
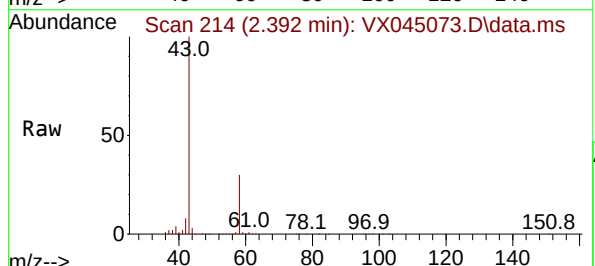
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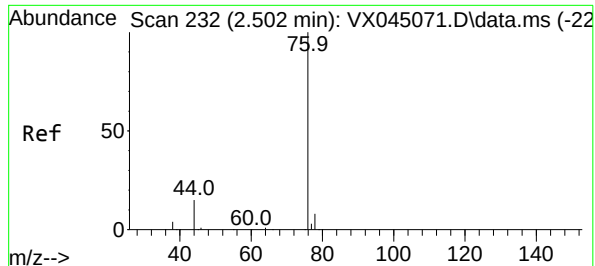
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#16
Acetone
Concen: 879.387 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 43 Resp: 511828
Ion Ratio Lower Upper
43 100
58 30.3 24.2 36.4





#17

Carbon Disulfide

Concen: 145.511 ug/l

RT: 2.495 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX045073.D

Acq: 28 Feb 2025 03:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 76 Resp: 487720

Ion Ratio Lower Upper

76 100

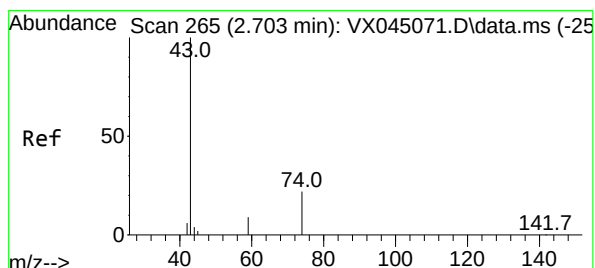
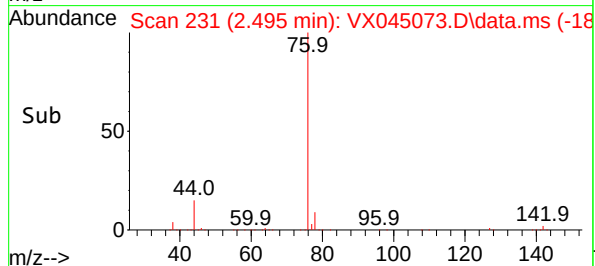
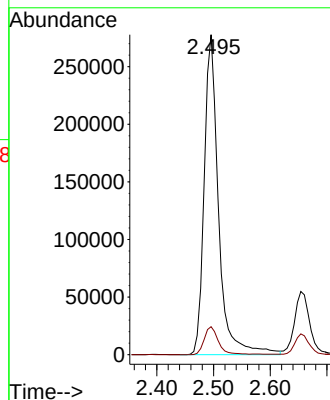
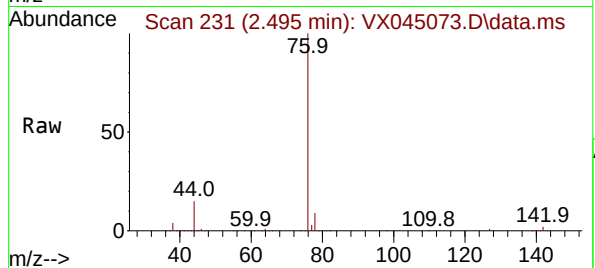
78 8.8 6.6 9.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#18

Methyl Acetate

Concen: 147.347 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.006 min

Lab File: VX045073.D

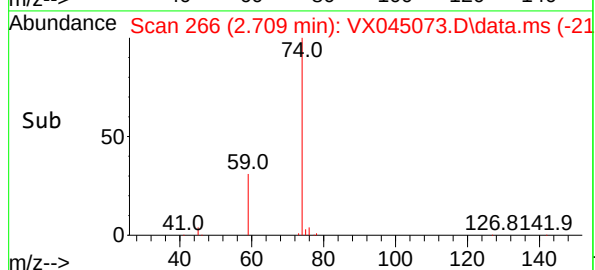
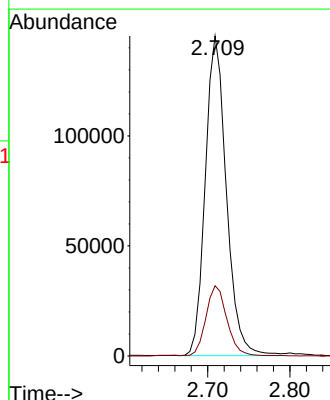
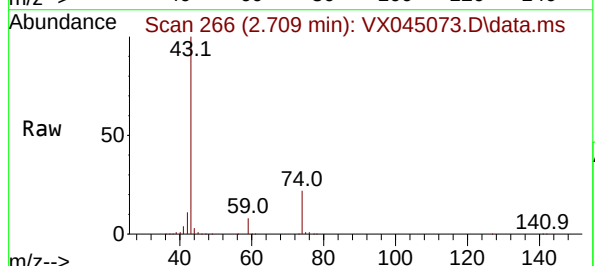
Acq: 28 Feb 2025 03:47

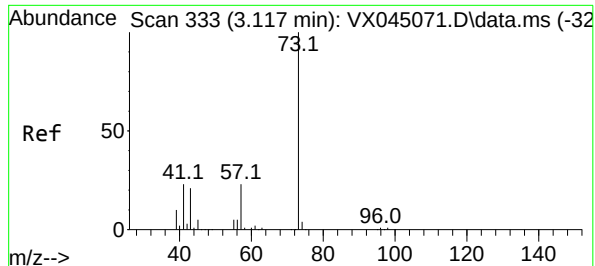
Tgt Ion: 43 Resp: 258303

Ion Ratio Lower Upper

43 100

74 22.0 17.4 26.2





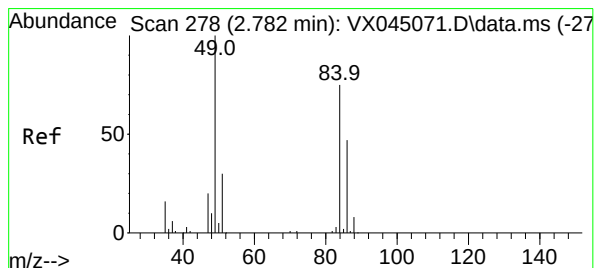
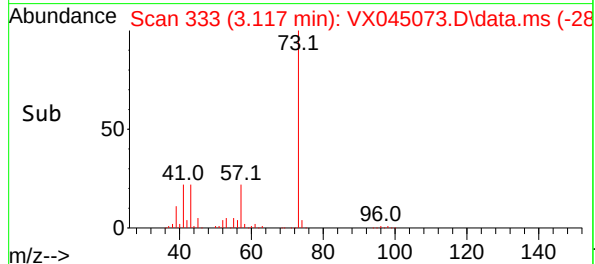
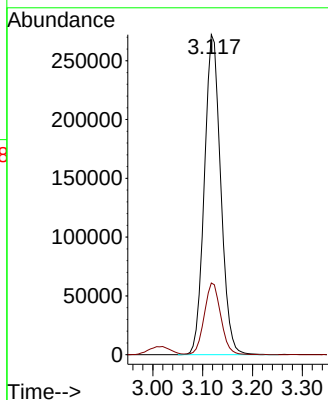
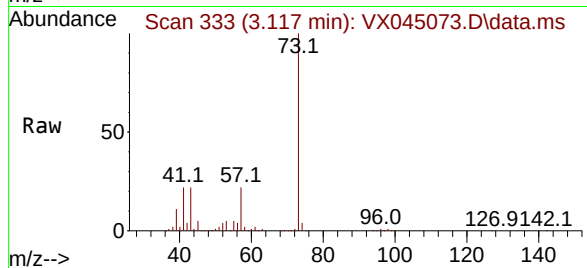
#19
Methyl tert-butyl Ether
Concen: 157.358 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 73 Resp: 619778
Ion Ratio Lower Upper
73 100
57 22.4 18.5 27.7

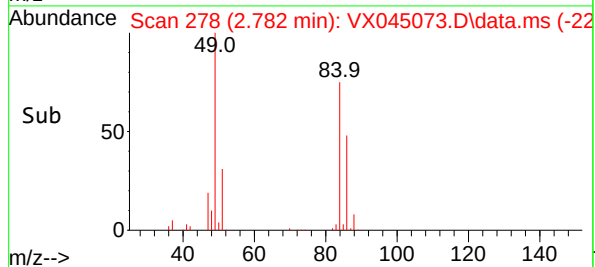
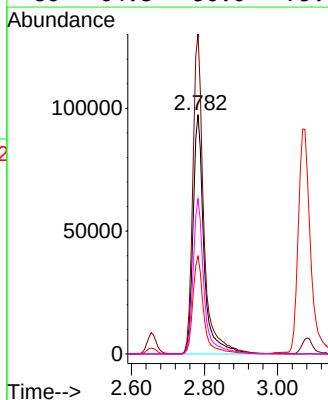
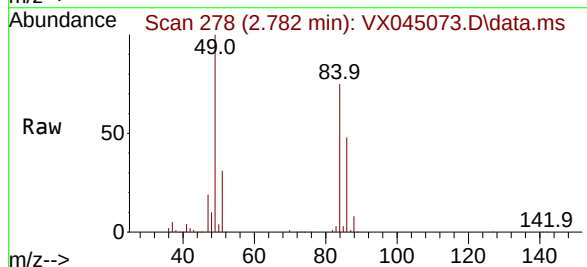
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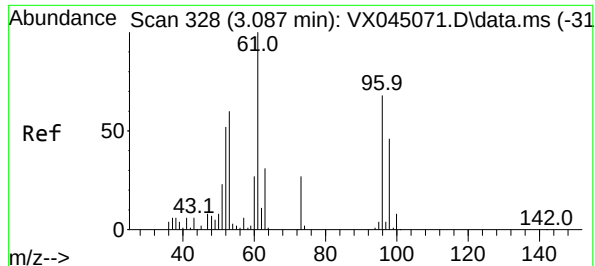
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#20
Methylene Chloride
Concen: 147.198 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 84 Resp: 202913
Ion Ratio Lower Upper
84 100
49 133.6 106.5 159.7
51 40.9 32.1 48.1
86 64.8 50.0 75.0





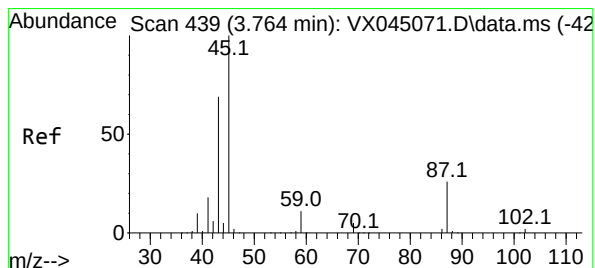
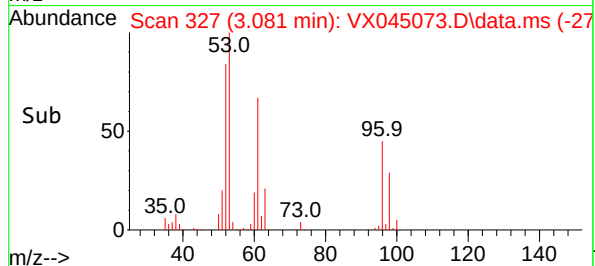
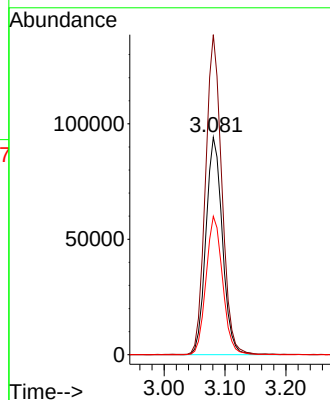
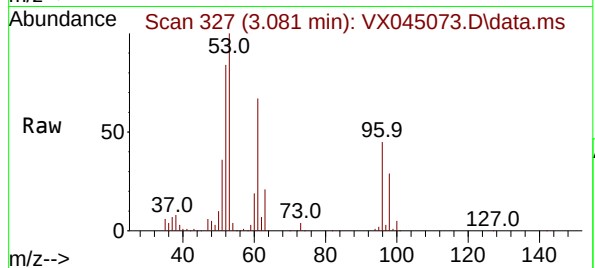
#21
trans-1,2-Dichloroethene
Concen: 146.027 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 96 Resp: 176924
Ion Ratio Lower Upper
96 100
61 147.0 117.0 175.4
98 63.6 53.4 80.2

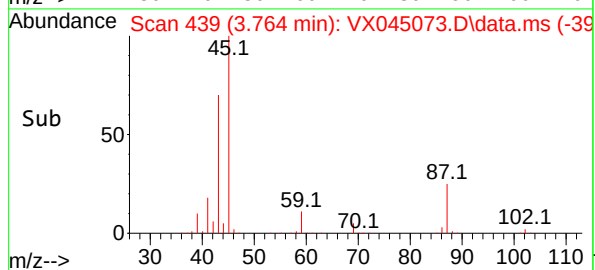
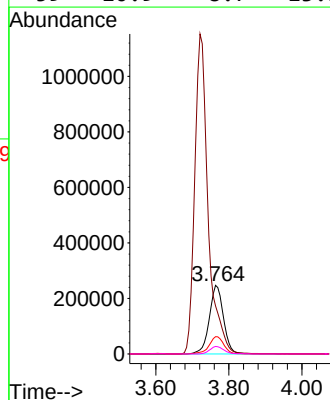
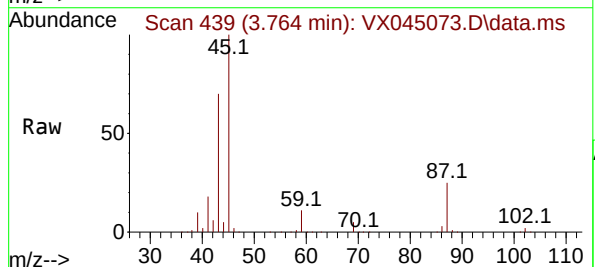
Manual Integrations
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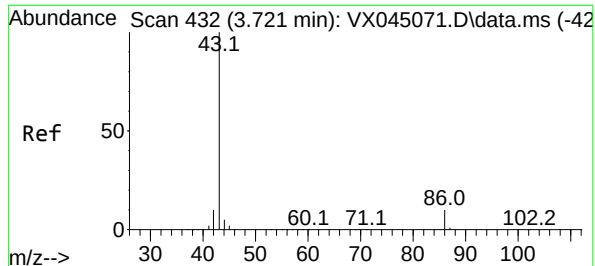
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#22
Diisopropyl ether
Concen: 156.526 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 45 Resp: 662828
Ion Ratio Lower Upper
45 100
43 70.0 54.9 82.3
87 25.2 21.0 31.4
59 10.9 8.7 13.1





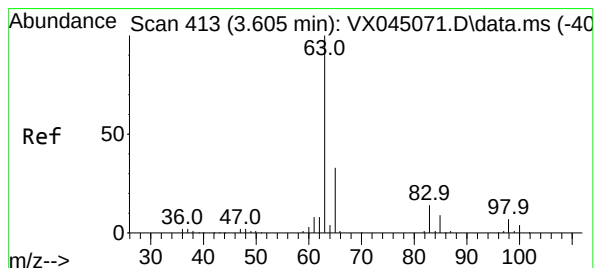
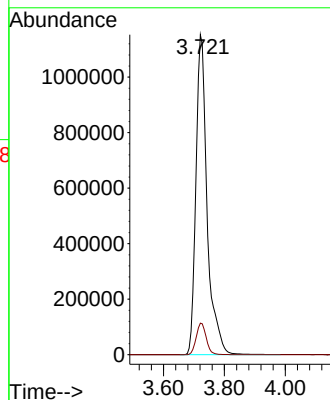
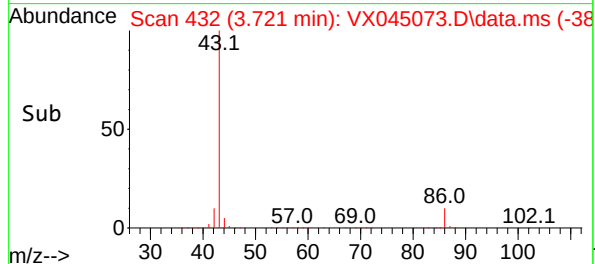
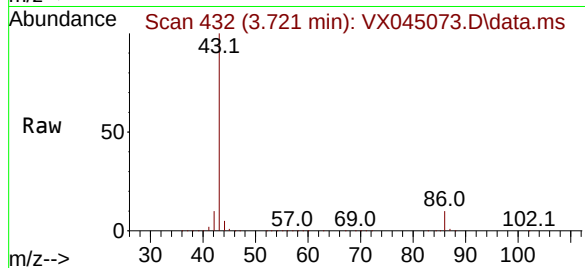
#23
Vinyl Acetate
Concen: 846.586 ug/l
RT: 3.721 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 2943150
Ion Ratio Lower Upper
43 100
86 9.8 8.1 12.1

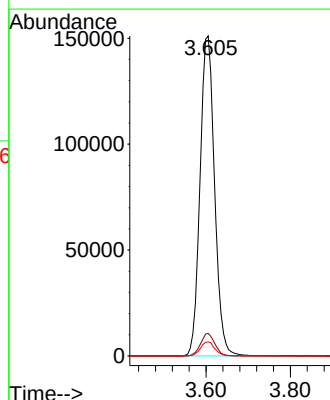
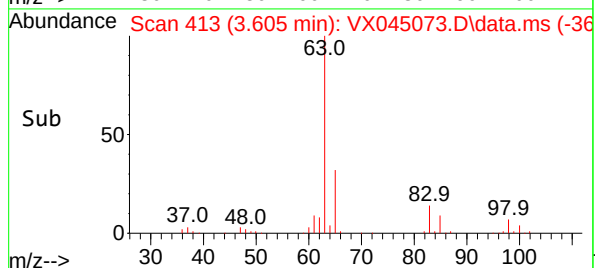
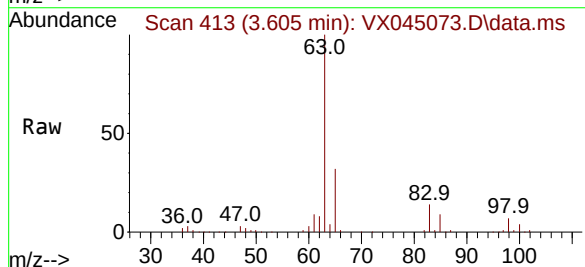
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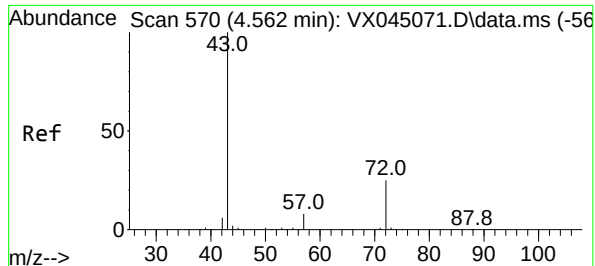
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#24
1,1-Dichloroethane
Concen: 153.453 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 63 Resp: 363081
Ion Ratio Lower Upper
63 100
98 7.1 3.4 10.2
100 4.4 2.1 6.5





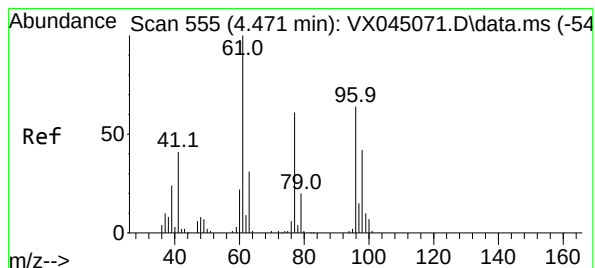
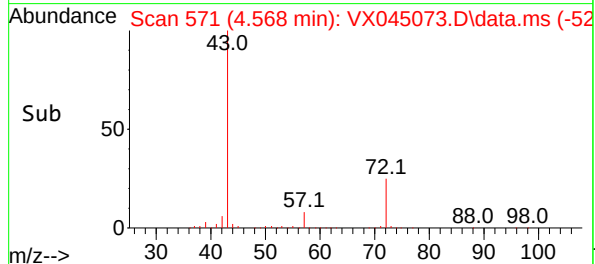
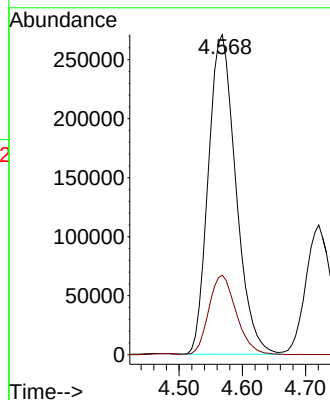
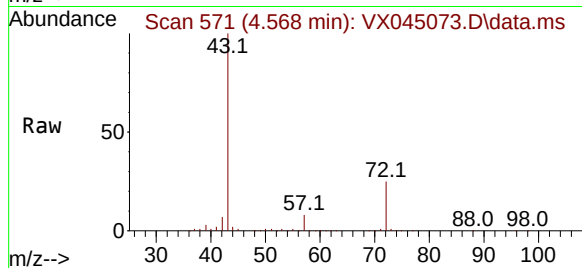
#25
2-Butanone
Concen: 872.239 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 81849
Ion Ratio Lower Upper
43 100
72 24.7 20.0 30.0

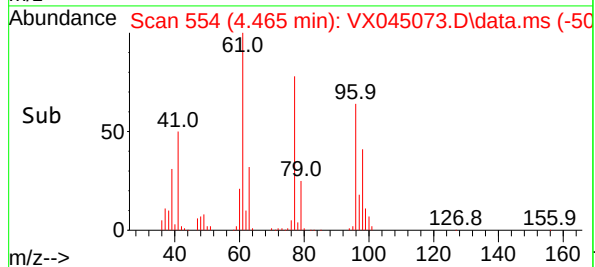
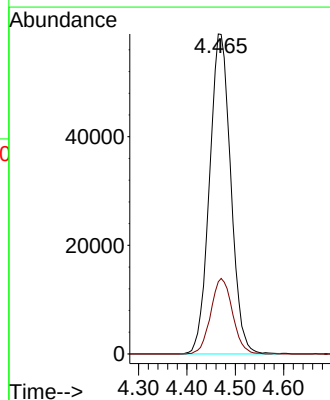
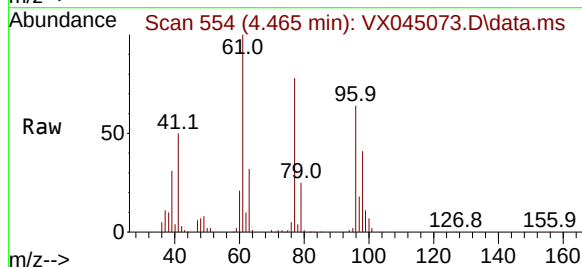
Manual Integrations
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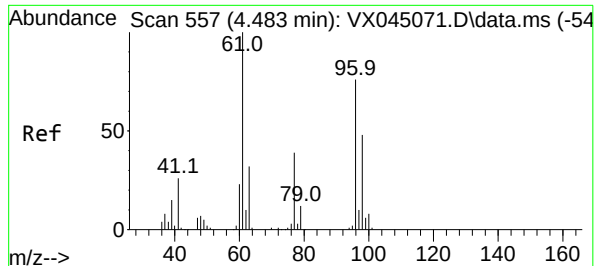
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#26
2,2-Dichloropropane
Concen: 102.231 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 77 Resp: 179826
Ion Ratio Lower Upper
77 100
97 24.1 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 151.205 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX045073.D

Acq: 28 Feb 2025 03:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 96 Resp: 220820

Ion Ratio Lower Upper

96 100

61 144.2 0.0 283.2

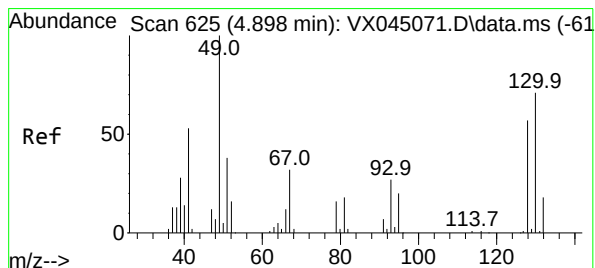
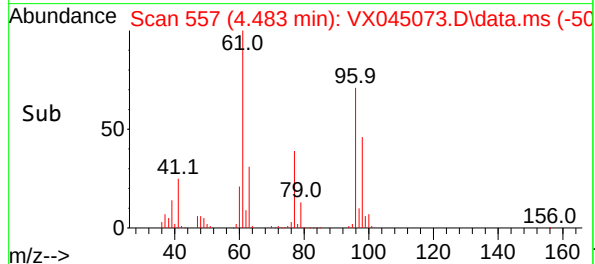
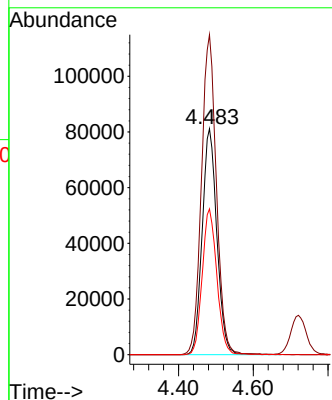
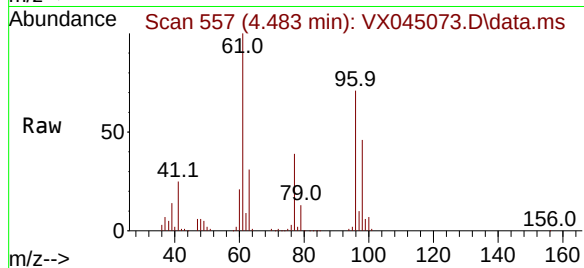
98 64.3 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#28

Bromochloromethane

Concen: 150.105 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX045073.D

Acq: 28 Feb 2025 03:47

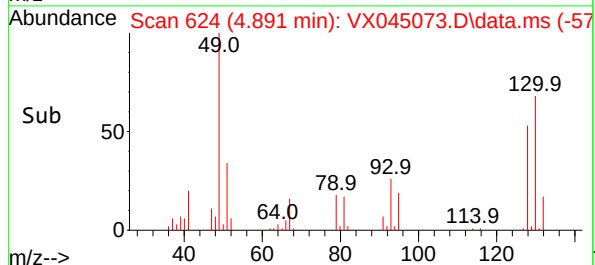
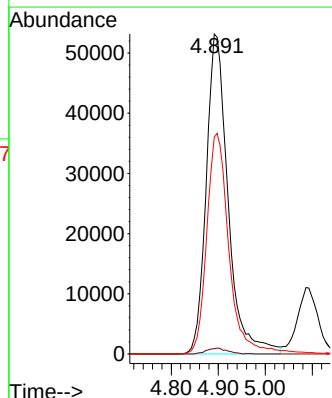
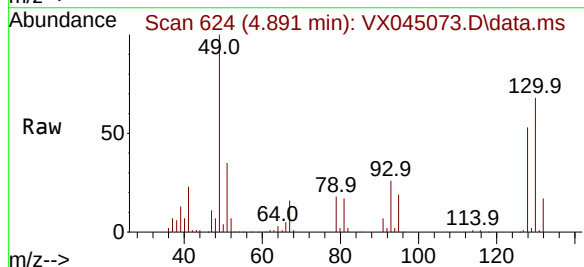
Tgt Ion: 49 Resp: 171273

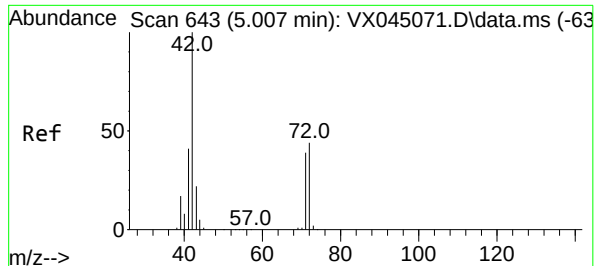
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.4

130 70.3 56.1 84.1





#29

Tetrahydrofuran

Concen: 850.174 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.000 min

Lab File: VX045073.D

Acq: 28 Feb 2025 03:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 42 Resp: 528574

Ion Ratio Lower Upper

42 100

72 42.8 34.1 51.1

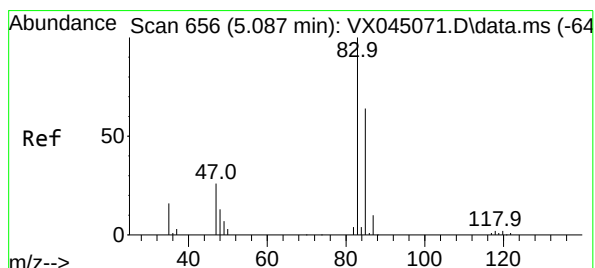
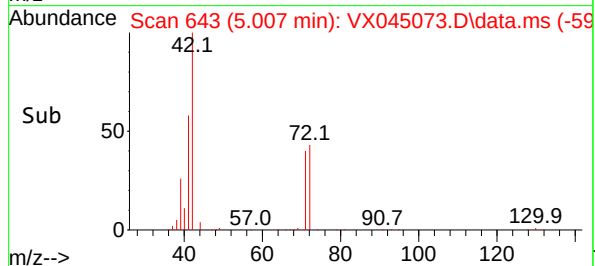
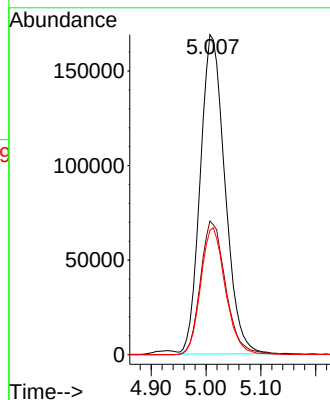
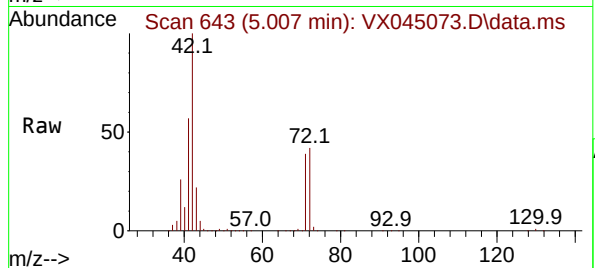
71 39.7 31.4 47.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#30

Chloroform

Concen: 152.067 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.006 min

Lab File: VX045073.D

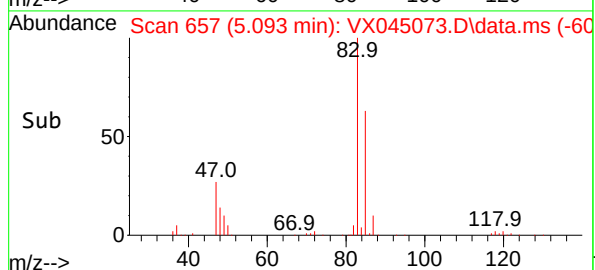
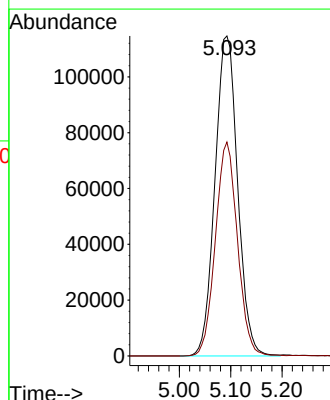
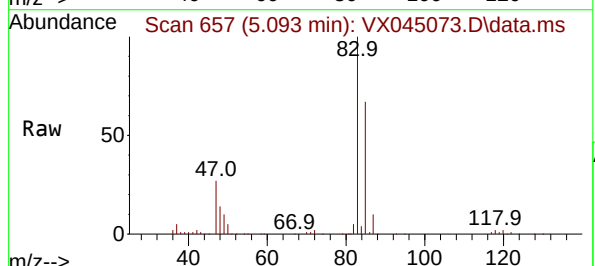
Acq: 28 Feb 2025 03:47

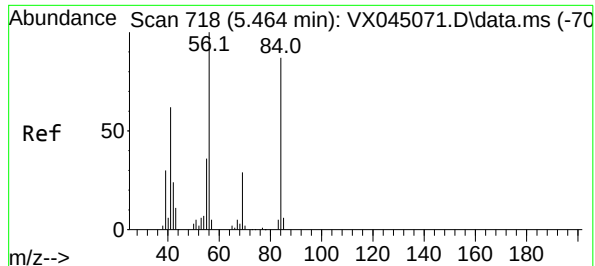
Tgt Ion: 83 Resp: 351934

Ion Ratio Lower Upper

83 100

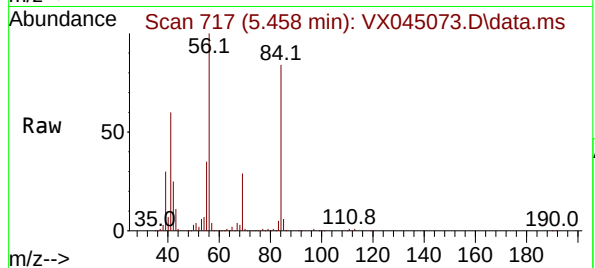
85 66.9 51.4 77.2





#31
Cyclohexane
Concen: 139.174 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

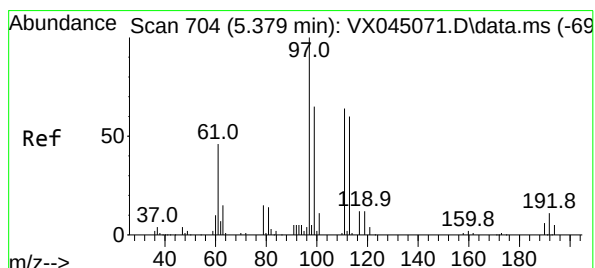
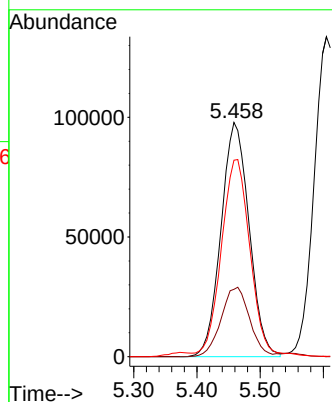
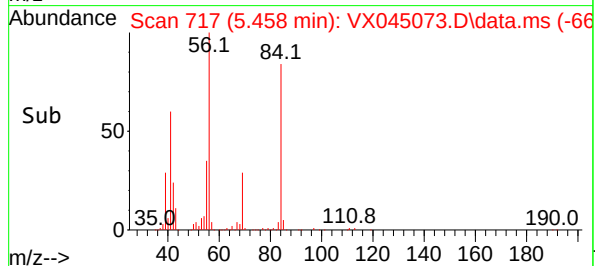
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 56 Resp: 302215
Ion Ratio Lower Upper
56 100
69 28.8 23.4 35.2
84 82.2 69.4 104.2

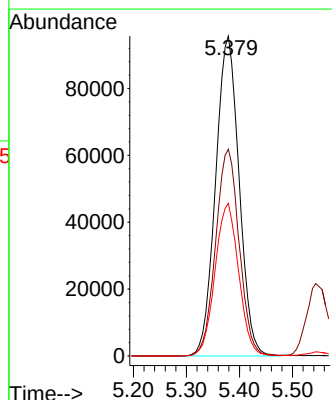
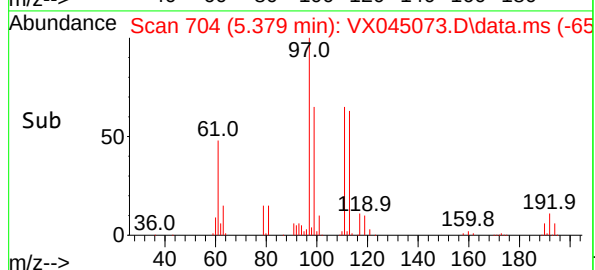
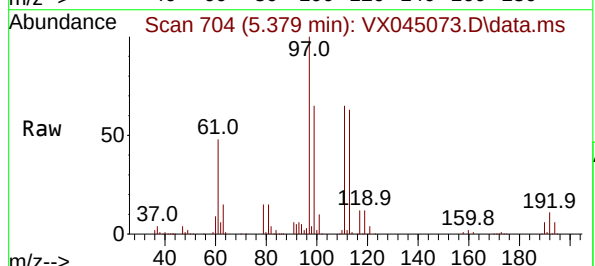
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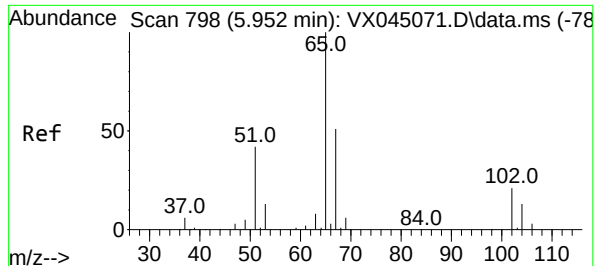
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#32
1,1,1-Trichloroethane
Concen: 151.120 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 97 Resp: 294434
Ion Ratio Lower Upper
97 100
99 64.7 51.6 77.4
61 48.1 38.4 57.6





#33

1,2-Dichloroethane-d4

Concen: 165.865 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045073.D

Acq: 28 Feb 2025 03:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 65 Resp: 234624

Ion Ratio Lower Upper

65 100

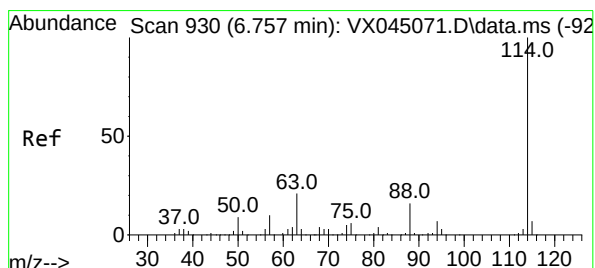
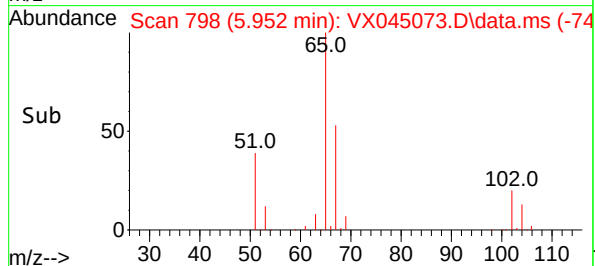
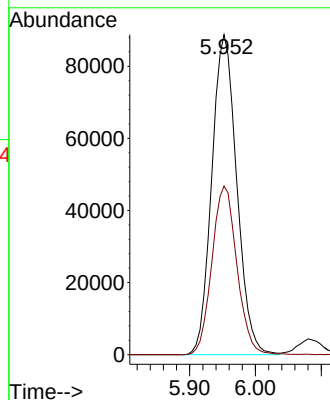
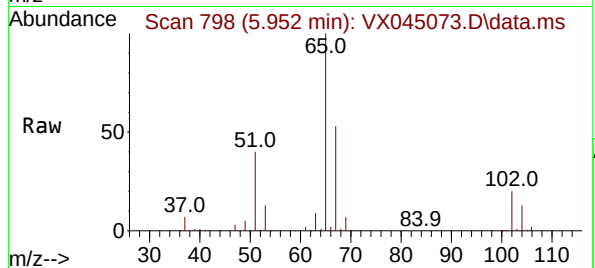
67 52.7 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045073.D

Acq: 28 Feb 2025 03:47

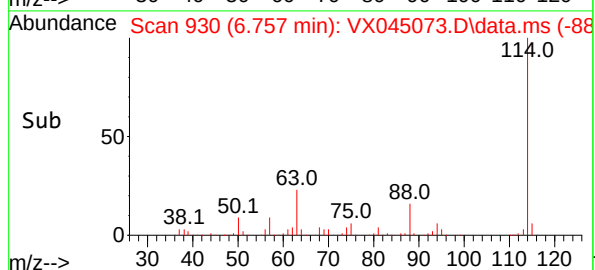
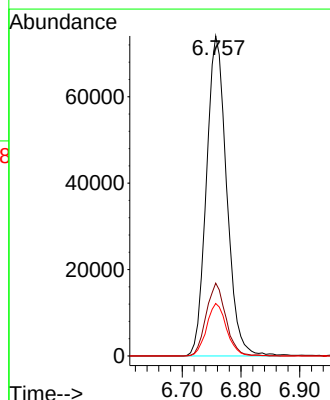
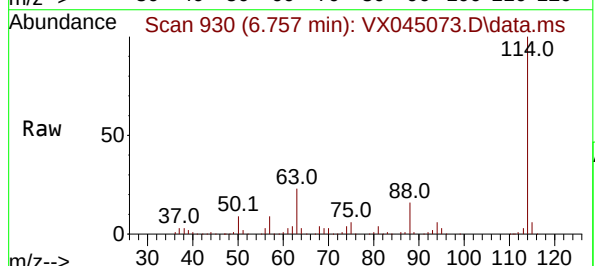
Tgt Ion:114 Resp: 176991

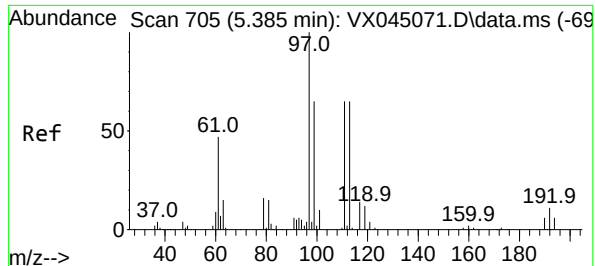
Ion Ratio Lower Upper

114 100

63 22.8 0.0 41.8

88 16.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 155.359 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX045073.D

Acq: 28 Feb 2025 03:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:113 Resp: 17972

Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.6

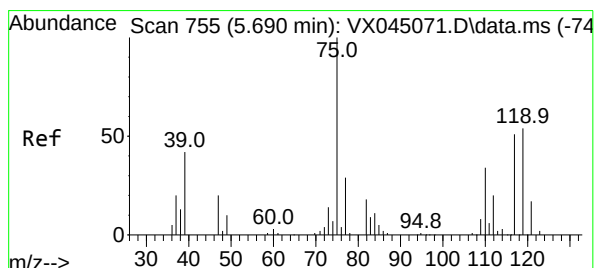
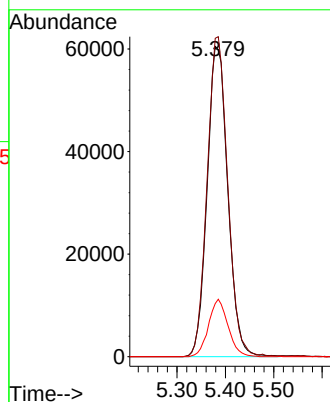
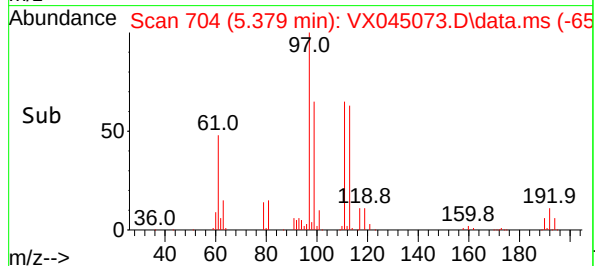
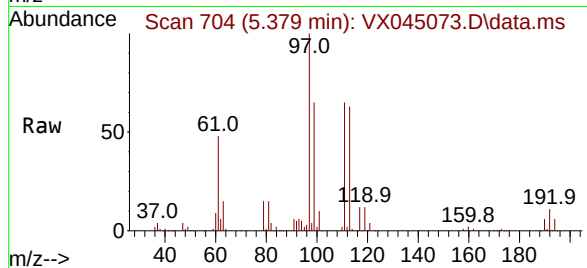
192 17.5 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#36

1,1-Dichloropropene

Concen: 145.112 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.006 min

Lab File: VX045073.D

Acq: 28 Feb 2025 03:47

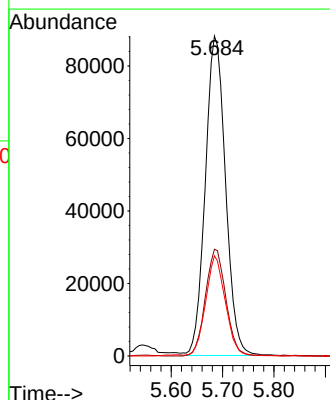
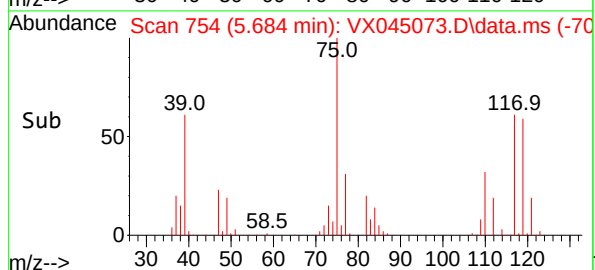
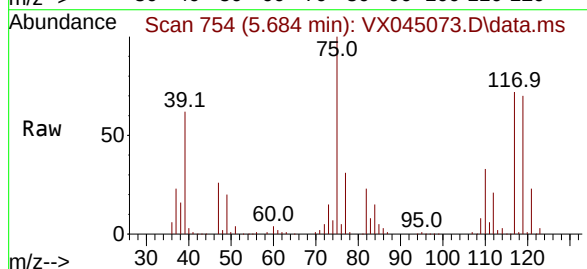
Tgt Ion: 75 Resp: 241405

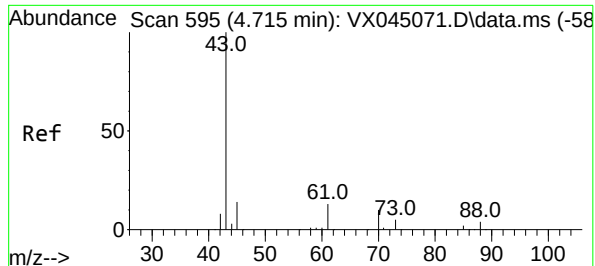
Ion Ratio Lower Upper

75 100

110 33.7 16.9 50.6

77 30.5 24.5 36.7





#37

Ethyl Acetate

Concen: 167.067 ug/l

RT: 4.721 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX045073.D

Acq: 28 Feb 2025 03:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 316250

Ion Ratio Lower Upper

43 100

61 13.2 10.8 16.2

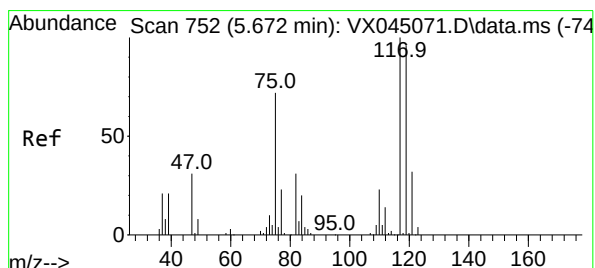
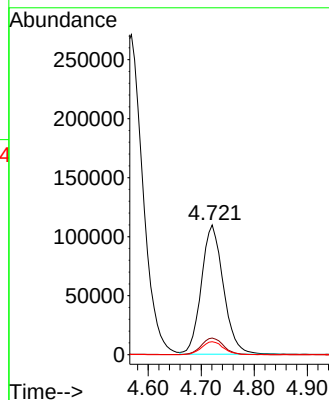
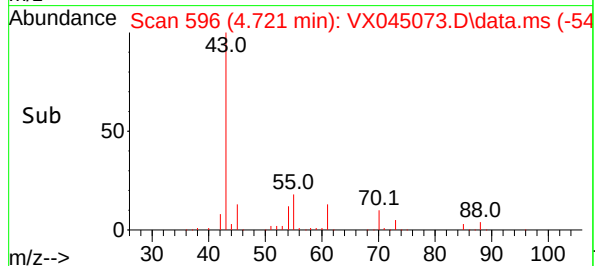
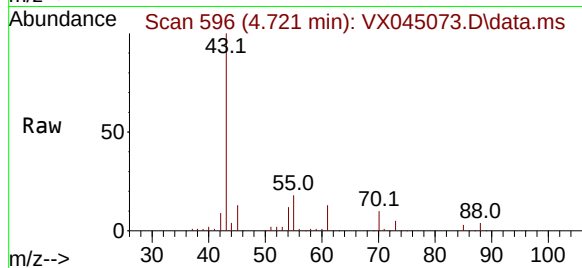
70 10.1 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#38

Carbon Tetrachloride

Concen: 150.363 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.000 min

Lab File: VX045073.D

Acq: 28 Feb 2025 03:47

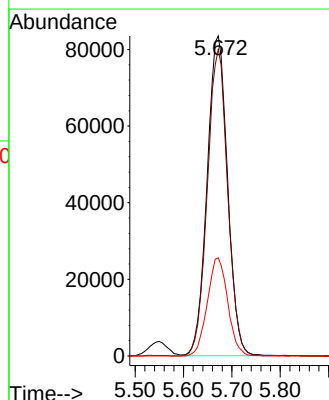
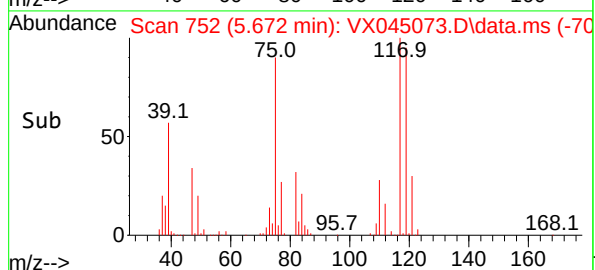
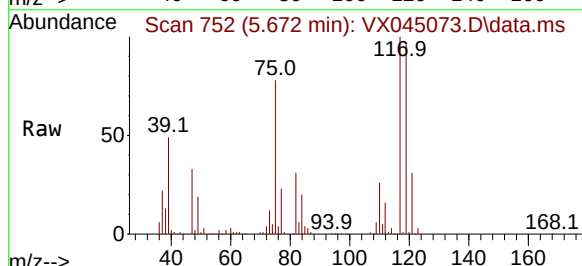
Tgt Ion:117 Resp: 245917

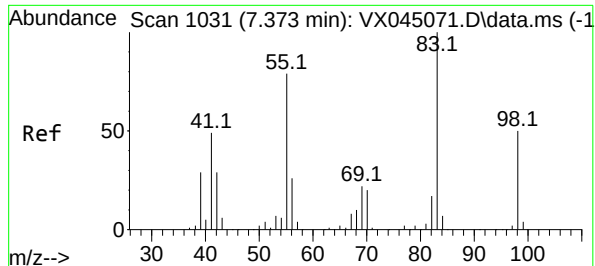
Ion Ratio Lower Upper

117 100

119 95.9 76.7 115.1

121 30.7 25.5 38.3





#39

Methylcyclohexane

Concen: 137.544 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX045073.D

Acq: 28 Feb 2025 03:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 83 Resp: 292210

Ion Ratio Lower Upper

83 100

55 81.7 63.0 94.4

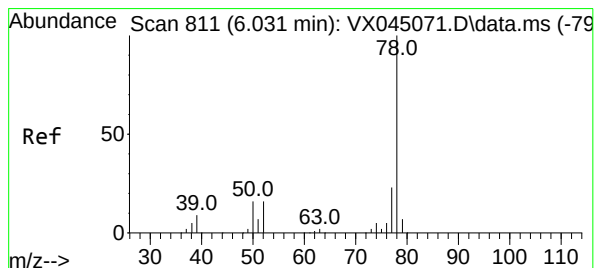
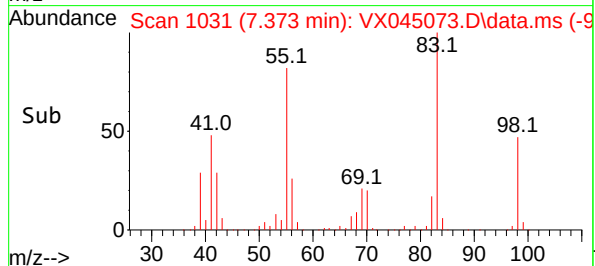
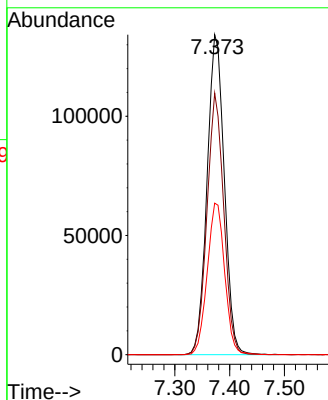
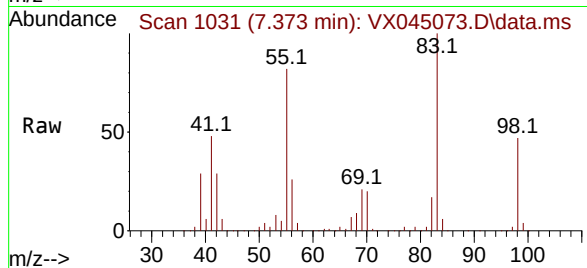
98 47.4 39.7 59.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#40

Benzene

Concen: 145.368 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.000 min

Lab File: VX045073.D

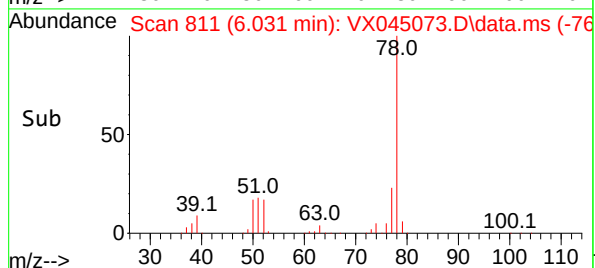
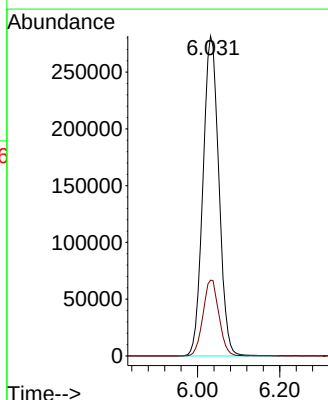
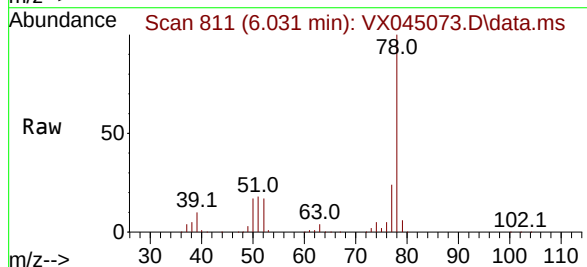
Acq: 28 Feb 2025 03:47

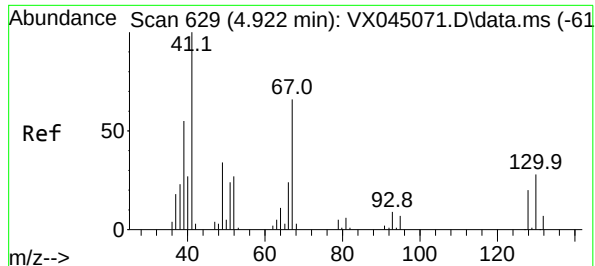
Tgt Ion: 78 Resp: 755854

Ion Ratio Lower Upper

78 100

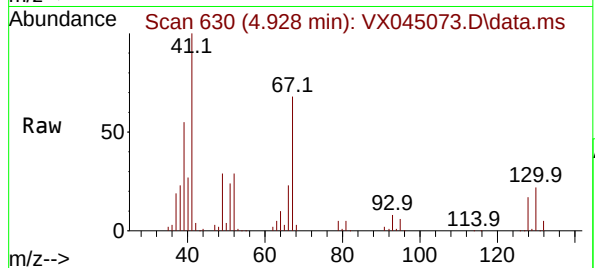
77 23.7 18.8 28.2





#41
Methacrylonitrile
Concen: 173.088 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

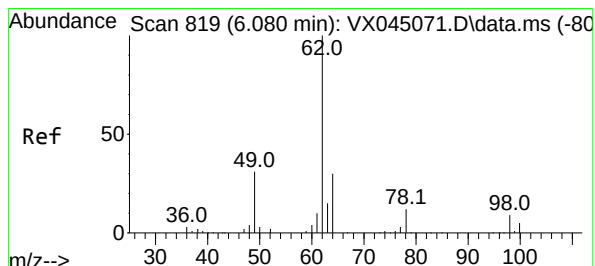
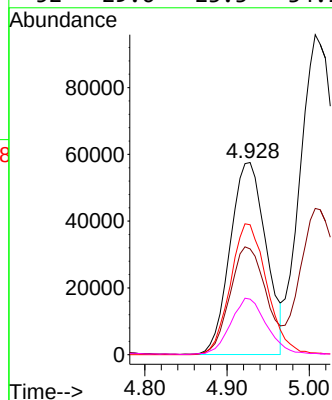
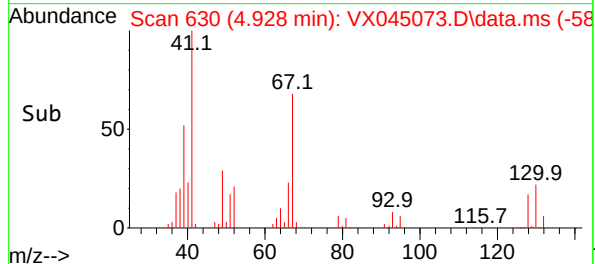
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 41 Resp: 17502
Ion Ratio Lower Upper
41 100
39 55.9 44.6 67.0
67 69.5 53.9 80.9
52 29.6 23.3 34.9

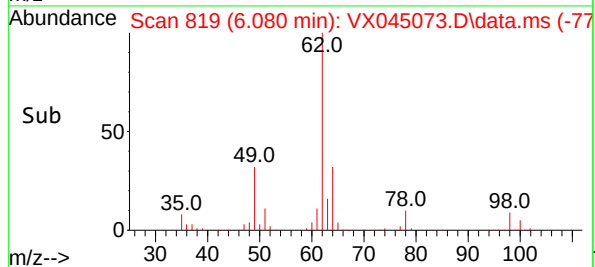
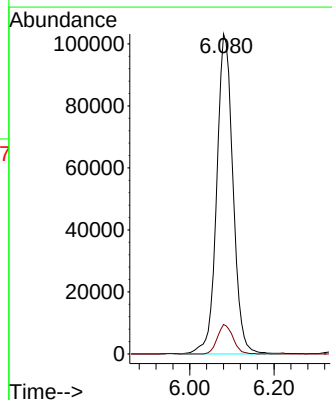
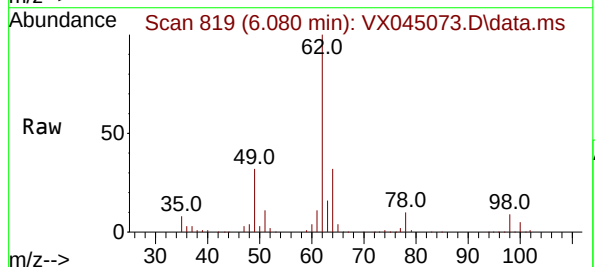
Manual Integrations
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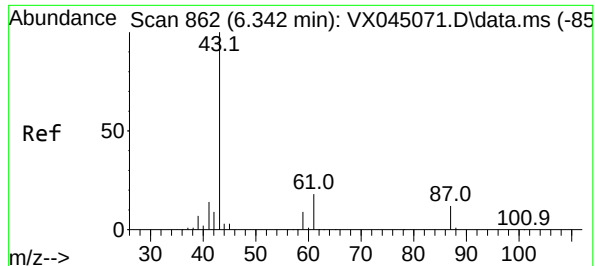
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#42
1,2-Dichloroethane
Concen: 163.872 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 62 Resp: 276129
Ion Ratio Lower Upper
62 100
98 8.8 0.0 18.2





#43

Isopropyl Acetate

Concen: 169.804 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX045073.D

Acq: 28 Feb 2025 03:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 51164

Ion Ratio Lower Upper

43 100

61 18.7 14.9 22.3

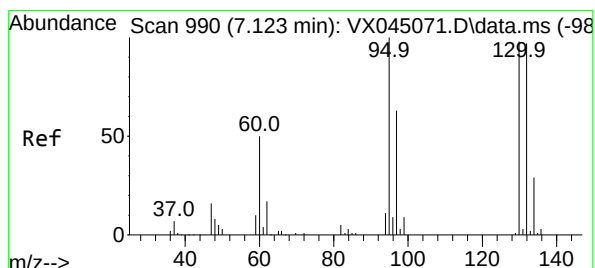
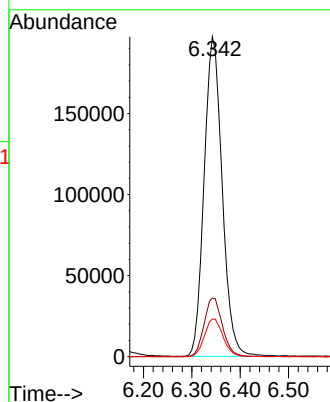
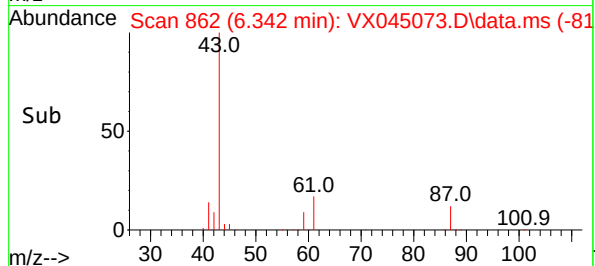
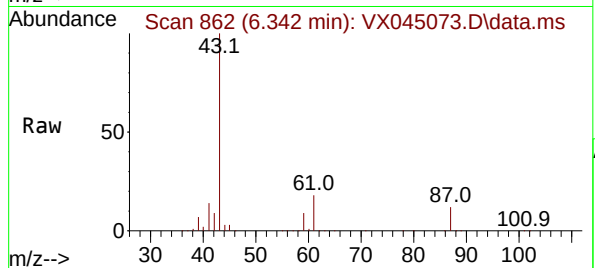
87 12.1 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#44

Trichloroethene

Concen: 150.181 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX045073.D

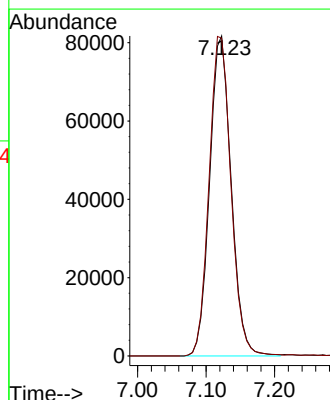
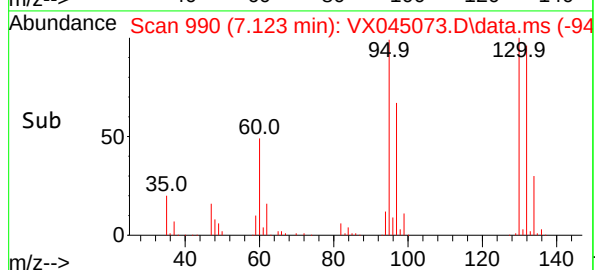
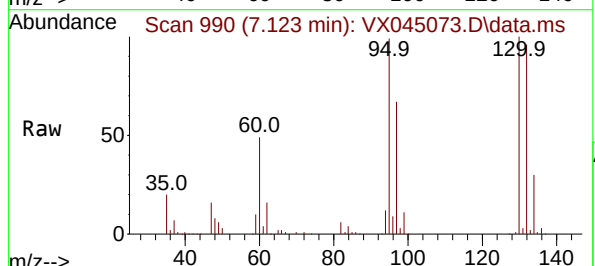
Acq: 28 Feb 2025 03:47

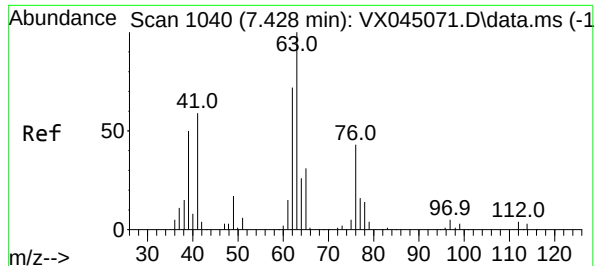
Tgt Ion:130 Resp: 178483

Ion Ratio Lower Upper

130 100

95 99.3 0.0 205.0





#45

1,2-Dichloropropane

Concen: 153.334 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX045073.D

Acq: 28 Feb 2025 03:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 63 Resp: 19813

Ion Ratio Lower Upper

63 100

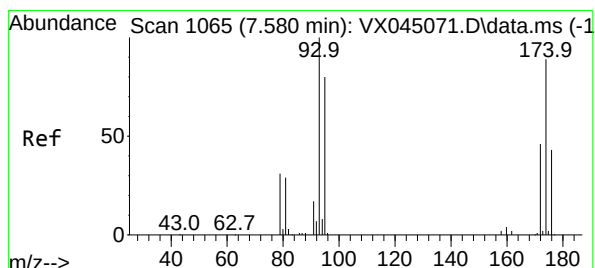
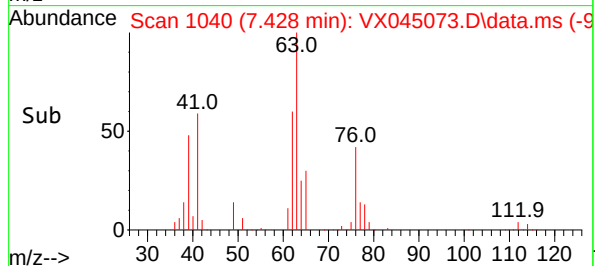
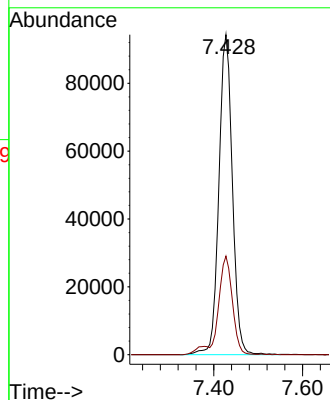
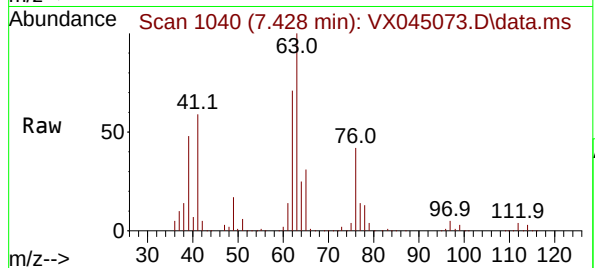
65 30.8 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#46

Dibromomethane

Concen: 157.443 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX045073.D

Acq: 28 Feb 2025 03:47

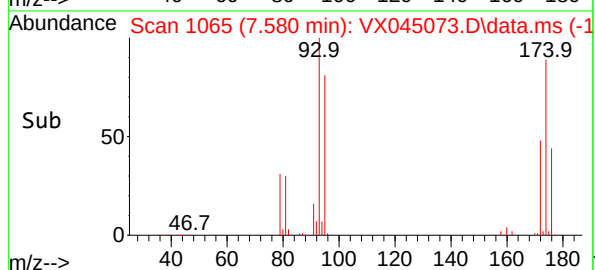
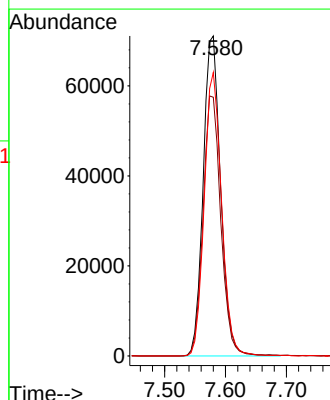
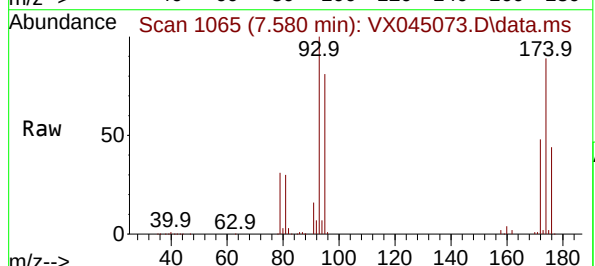
Tgt Ion: 93 Resp: 142119

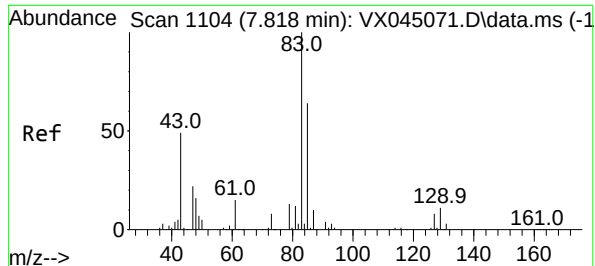
Ion Ratio Lower Upper

93 100

95 82.6 65.8 98.8

174 88.2 72.2 108.2





#47

Bromodichloromethane

Concen: 160.492 ug/l

RT: 7.818 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX045073.D

Acq: 28 Feb 2025 03:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

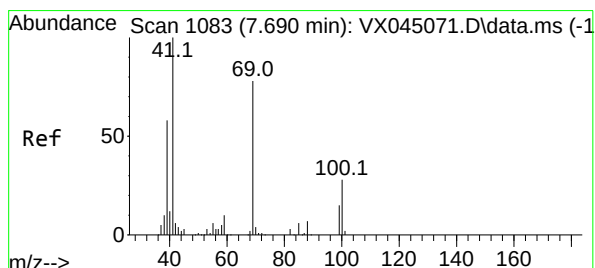
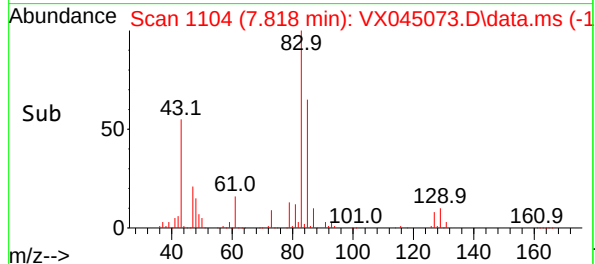
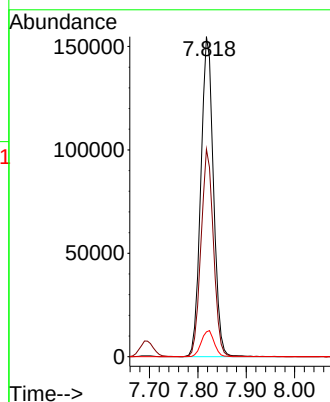
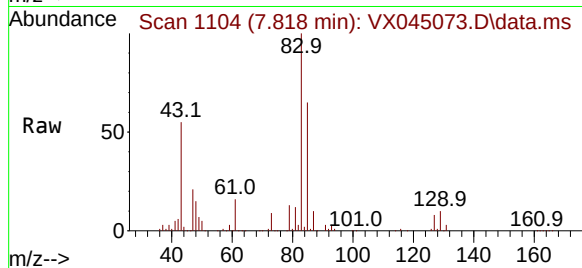
Tgt Ion:	83	Resp:	28025
Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.1	76.7
127	7.8	6.4	9.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#48

Methyl methacrylate

Concen: 176.370 ug/l

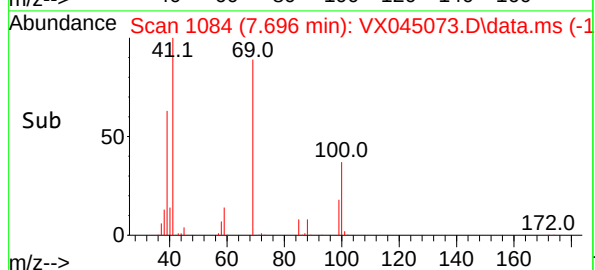
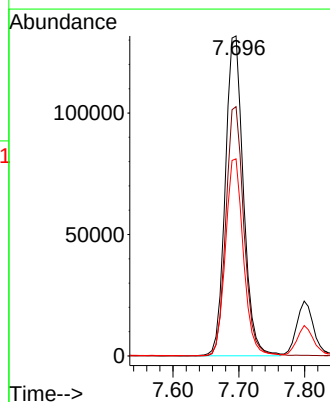
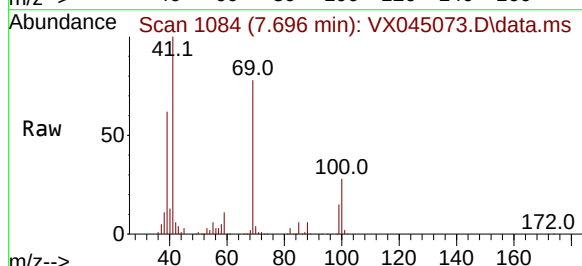
RT: 7.696 min Scan# 1084

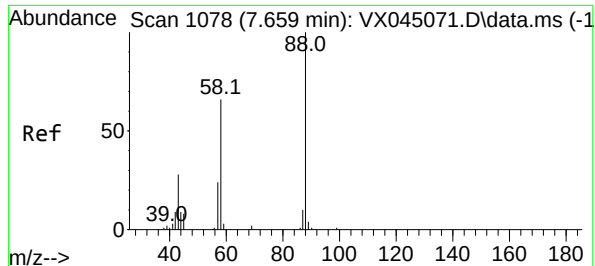
Delta R.T. 0.006 min

Lab File: VX045073.D

Acq: 28 Feb 2025 03:47

Tgt Ion:	41	Resp:	252275
Ion	Ratio	Lower	Upper
41	100		
69	78.1	63.0	94.6
39	61.1	47.5	71.3





#49

1,4-Dioxane

Concen: 3166.423 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX045073.D

Acq: 28 Feb 2025 03:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 88 Resp: 96268

Ion Ratio Lower Upper

88 100

43 37.0 28.7 43.1

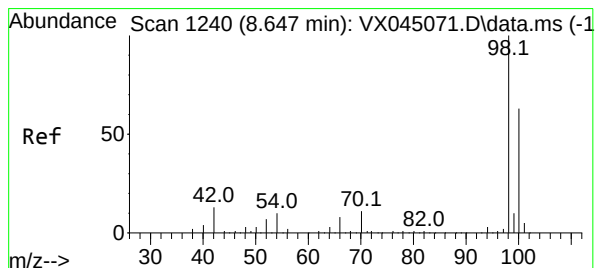
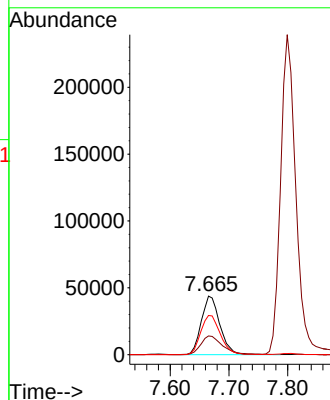
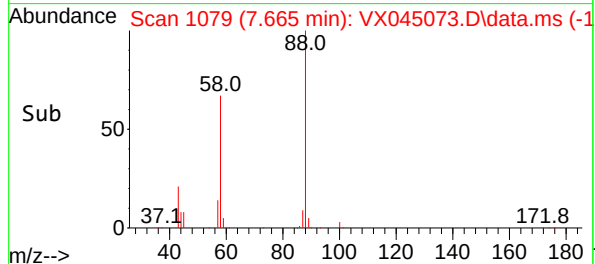
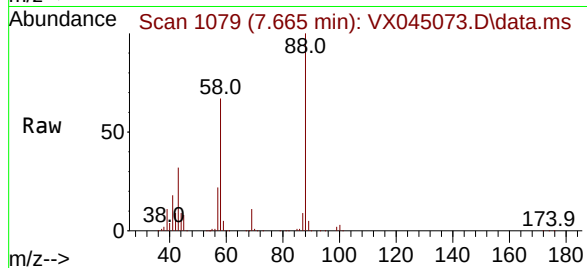
58 70.8 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#50

Toluene-d8

Concen: 147.538 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX045073.D

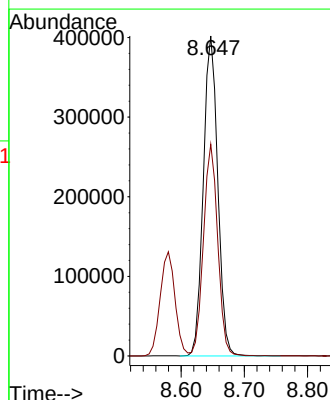
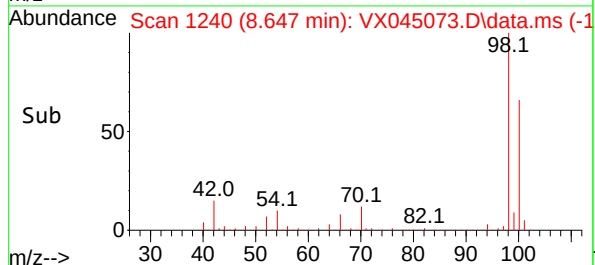
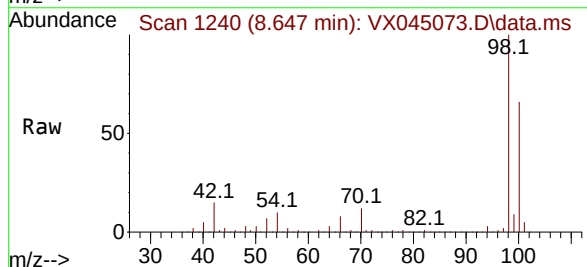
Acq: 28 Feb 2025 03:47

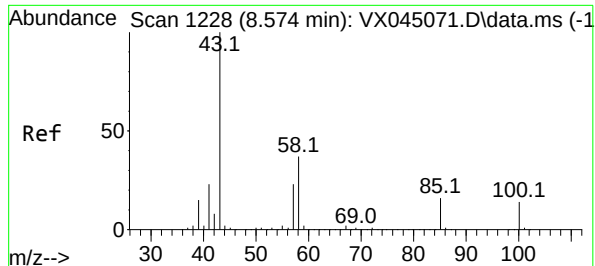
Tgt Ion: 98 Resp: 638979

Ion Ratio Lower Upper

98 100

100 65.4 52.0 78.0





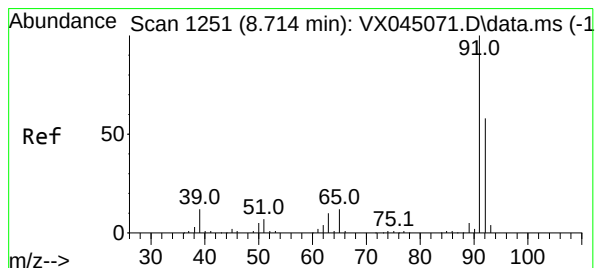
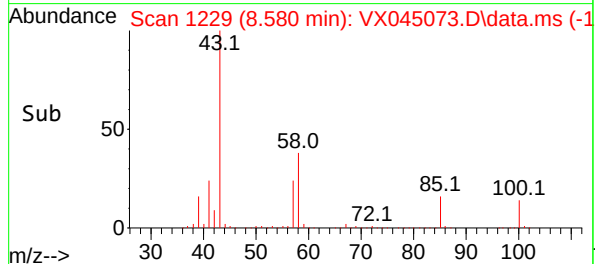
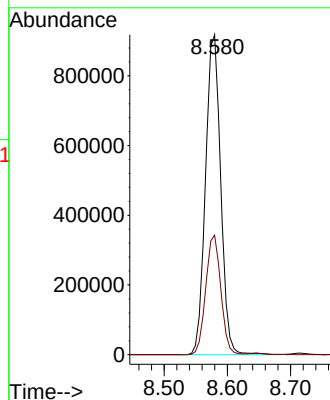
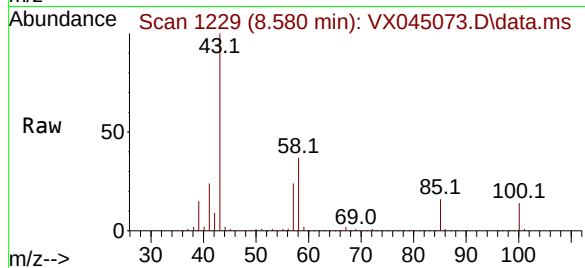
#51
4-Methyl-2-Pentanone
Concen: 832.051 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 153615
Ion Ratio Lower Upper
43 100
58 37.1 29.2 43.8

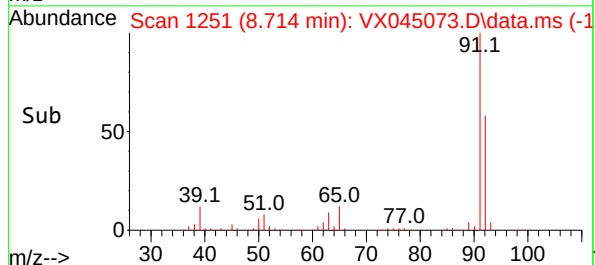
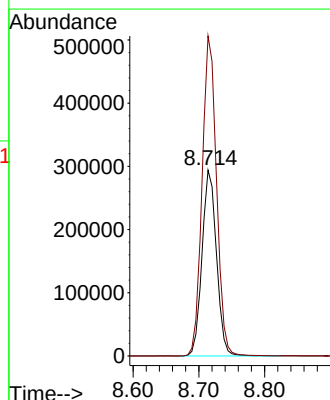
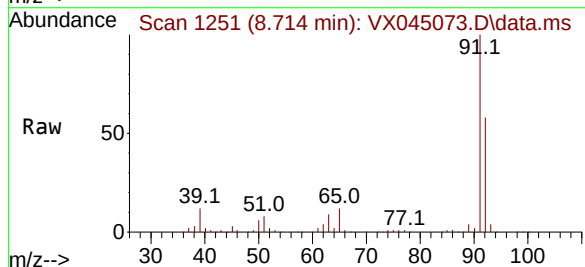
Manual Integrations
APPROVED

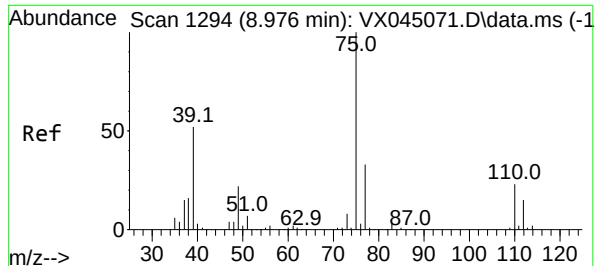
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#52
Toluene
Concen: 145.321 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 92 Resp: 448664
Ion Ratio Lower Upper
92 100
91 172.3 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 154.373 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX045073.D

Acq: 28 Feb 2025 03:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 75 Resp: 266444

Ion Ratio Lower Upper

75 100

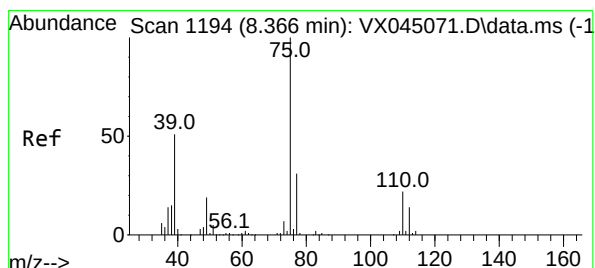
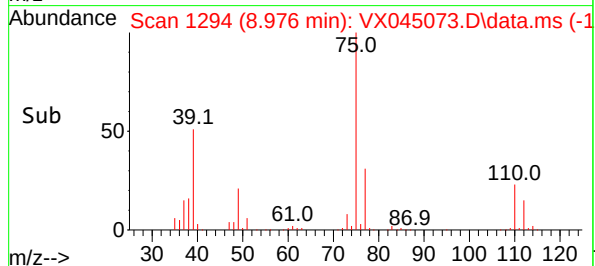
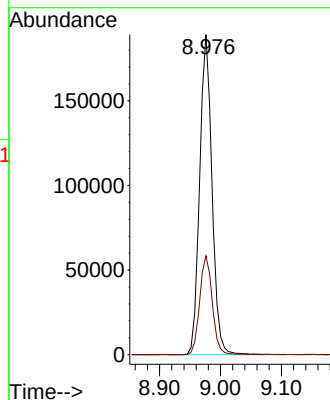
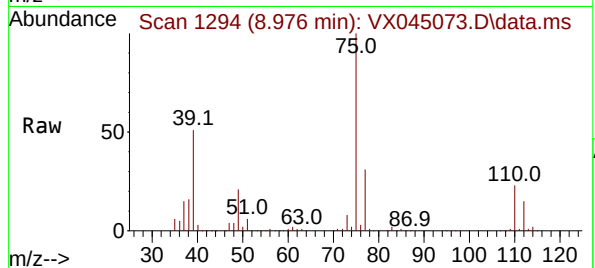
77 30.9 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#54

cis-1,3-Dichloropropene

Concen: 152.117 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX045073.D

Acq: 28 Feb 2025 03:47

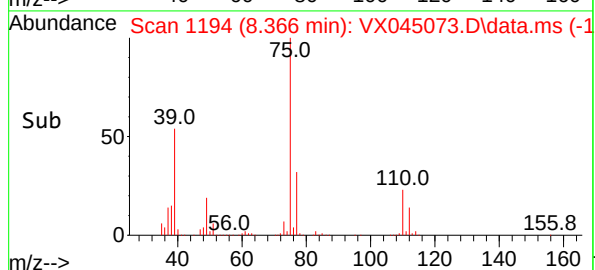
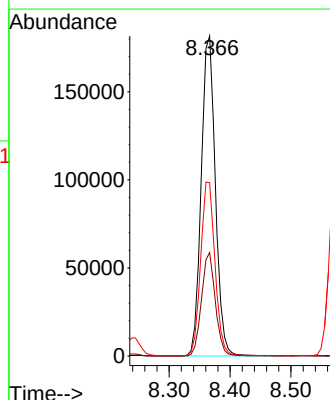
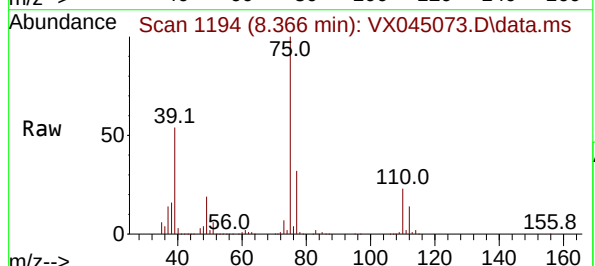
Tgt Ion: 75 Resp: 293521

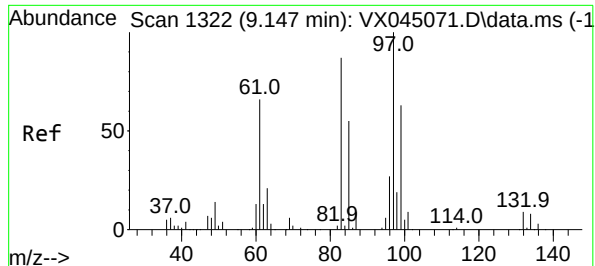
Ion Ratio Lower Upper

75 100

77 32.3 24.7 37.1

39 54.0 40.7 61.1





#55

1,1,2-Trichloroethane

Concen: 149.046 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VX045073.D

Acq: 28 Feb 2025 03:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 17821

Ion Ratio Lower Upper

97 100

83 87.8 69.4 104.2

85 57.8 44.1 66.1

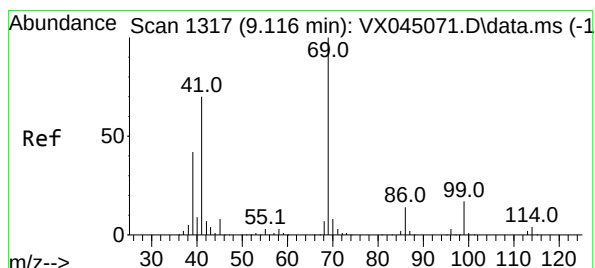
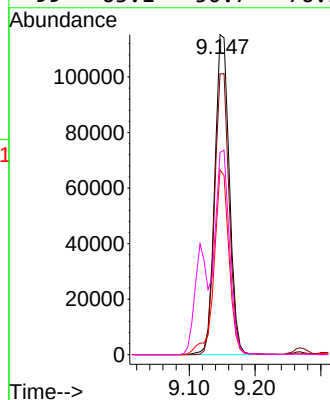
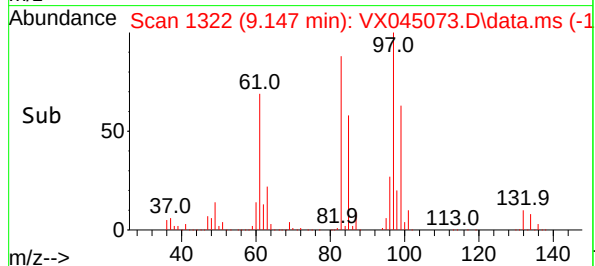
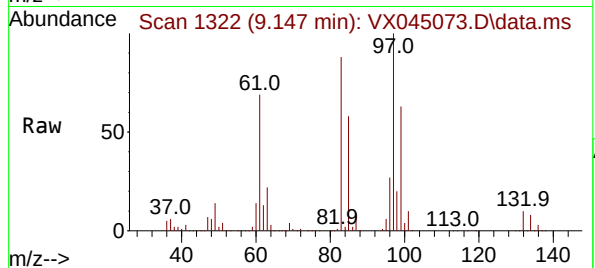
99 63.1 50.7 76.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#56

Ethyl methacrylate

Concen: 162.631 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX045073.D

Acq: 28 Feb 2025 03:47

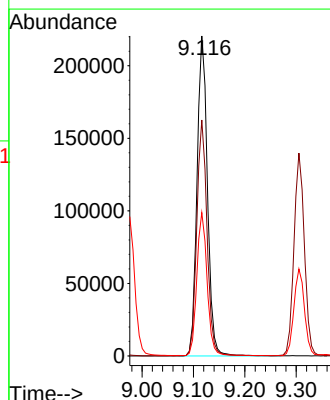
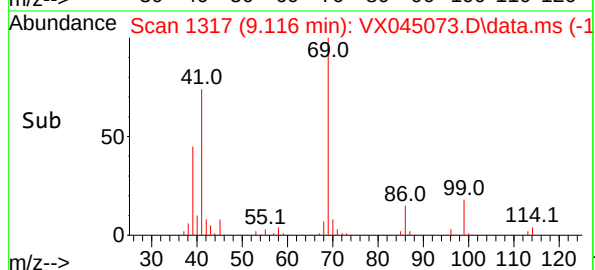
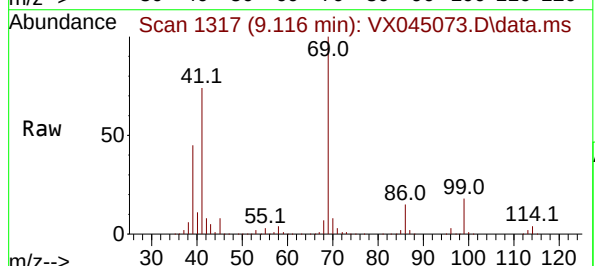
Tgt Ion: 69 Resp: 310992

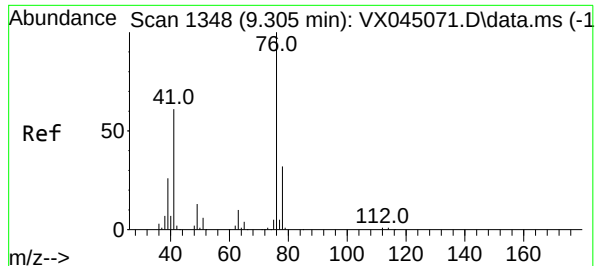
Ion Ratio Lower Upper

69 100

41 72.6 57.0 85.4

39 44.2 34.2 51.4





#57

1,3-Dichloropropane

Concen: 149.699 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045073.D

Acq: 28 Feb 2025 03:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 76 Resp: 312190

Ion Ratio Lower Upper

76 100

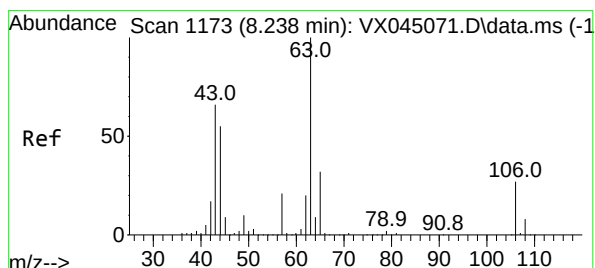
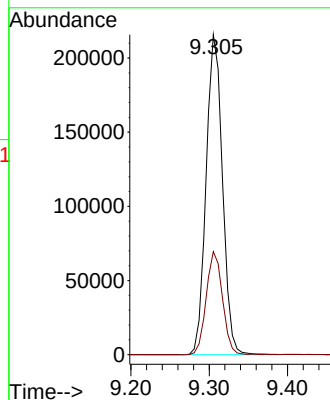
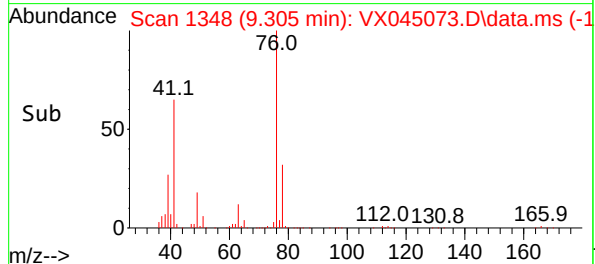
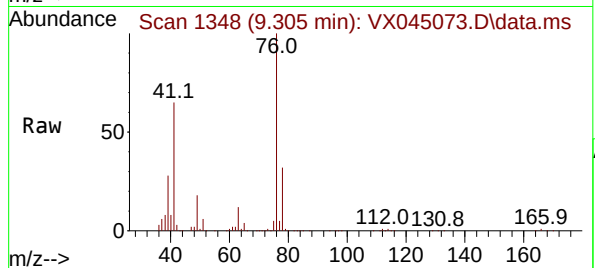
78 32.0 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#58

2-Chloroethyl Vinyl ether

Concen: 764.019 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045073.D

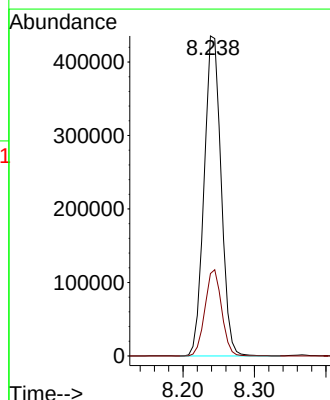
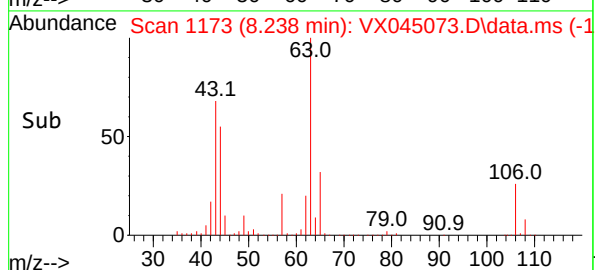
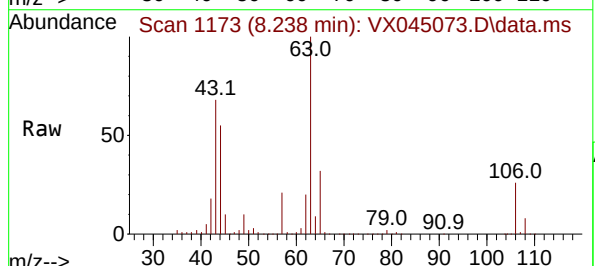
Acq: 28 Feb 2025 03:47

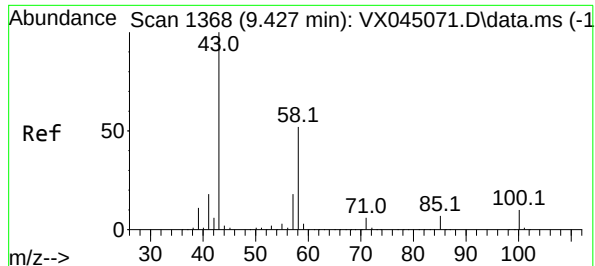
Tgt Ion: 63 Resp: 717328

Ion Ratio Lower Upper

63 100

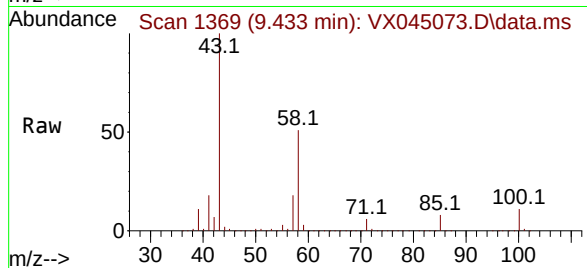
106 26.5 21.5 32.3





#59
2-Hexanone
Concen: 868.492 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

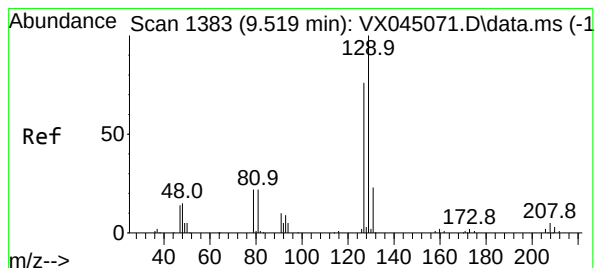
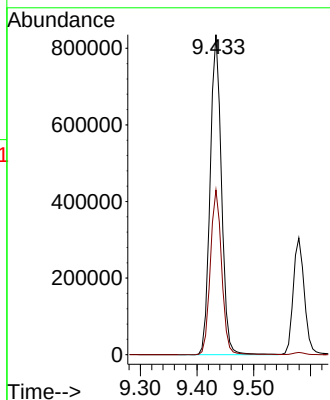
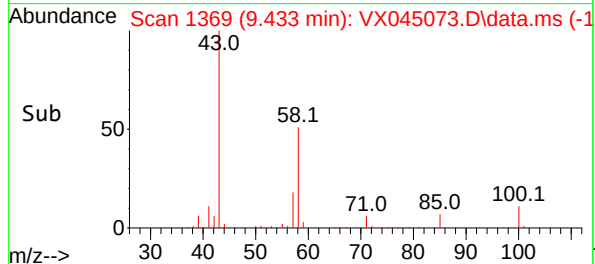
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 115665
Ion Ratio Lower Upper
43 100
58 51.6 25.9 77.6

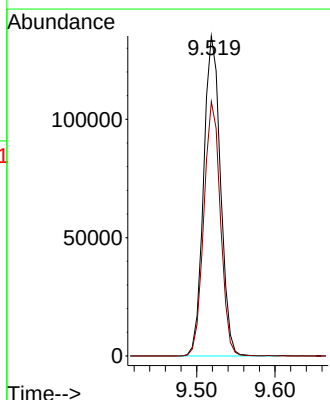
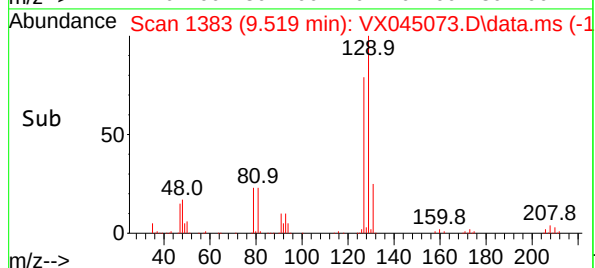
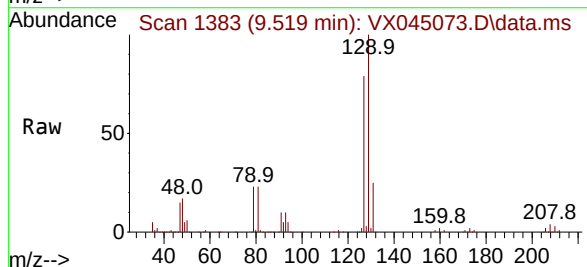
Manual Integrations
APPROVED

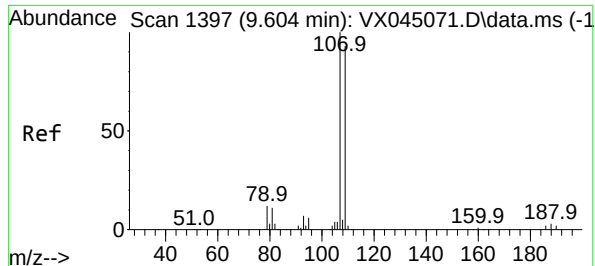
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#60
Dibromochloromethane
Concen: 158.276 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

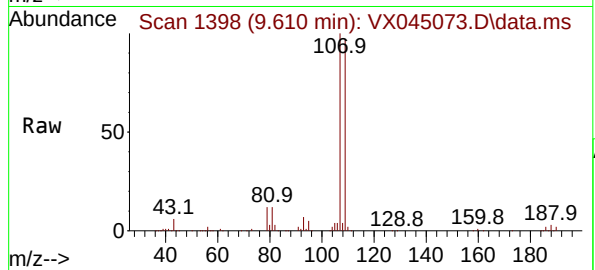
Tgt Ion:129 Resp: 201906
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.5





#61
1,2-Dibromoethane
Concen: 154.074 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

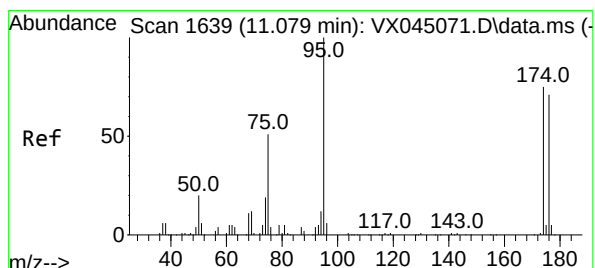
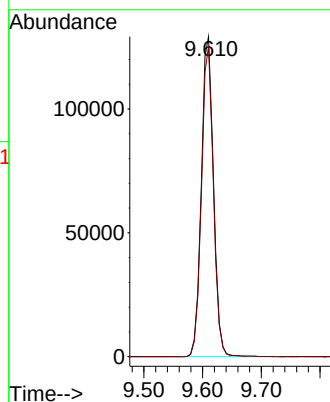
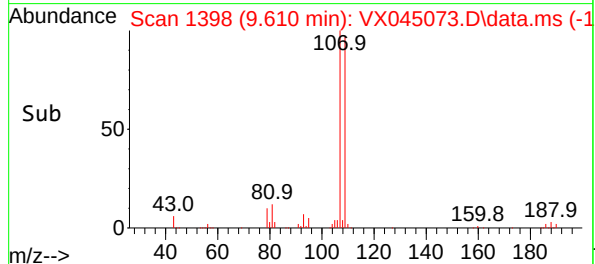
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:107 Resp: 185828
Ion Ratio Lower Upper
107 100
109 95.2 76.1 114.1

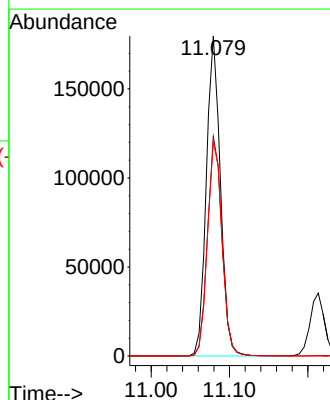
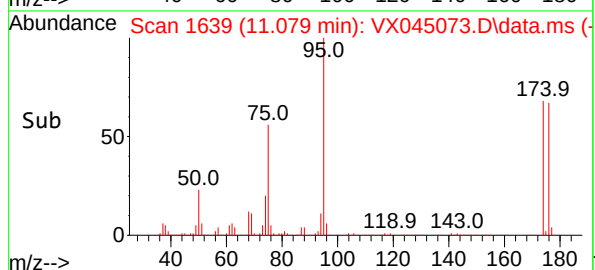
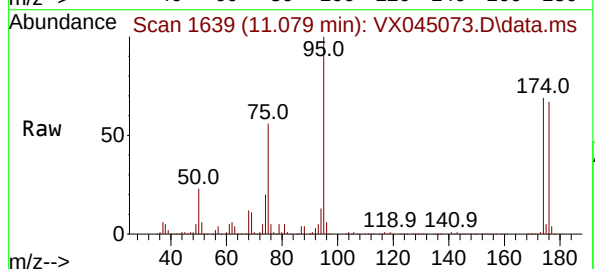
Manual Integrations
APPROVED

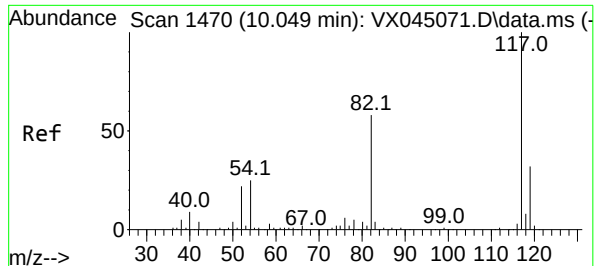
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#62
4-Bromofluorobenzene
Concen: 154.420 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

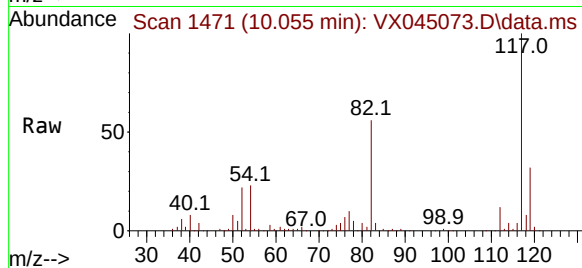
Tgt Ion: 95 Resp: 223346
Ion Ratio Lower Upper
95 100
174 70.4 0.0 148.2
176 69.4 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

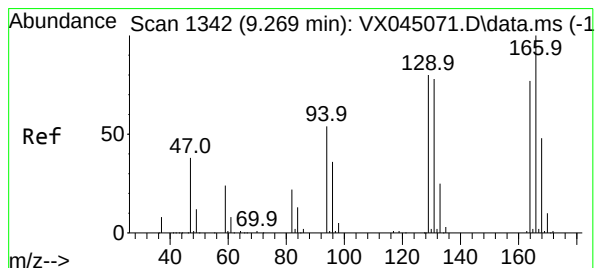
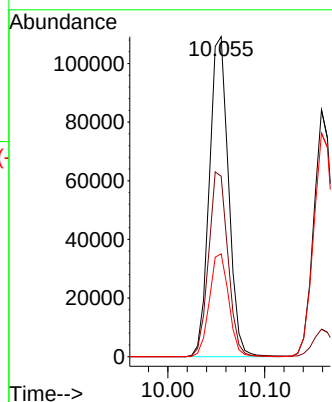
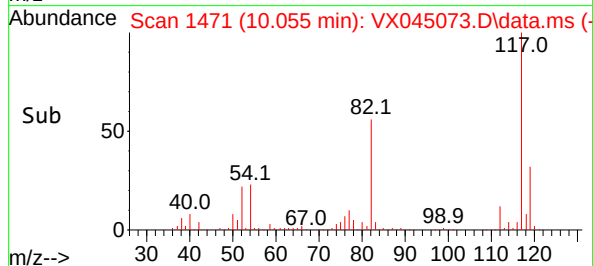
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:117 Resp: 15054
Ion Ratio Lower Upper
117 100
82 56.4 46.3 69.5
119 32.1 25.7 38.5

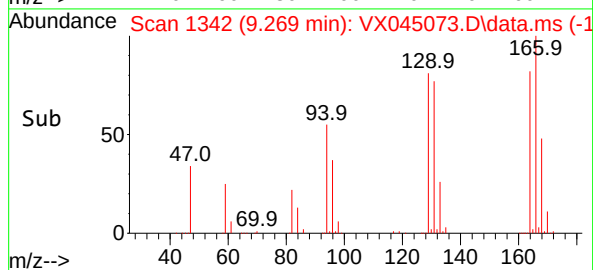
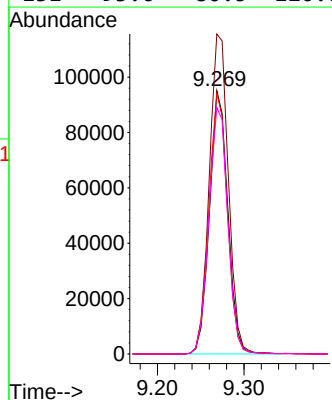
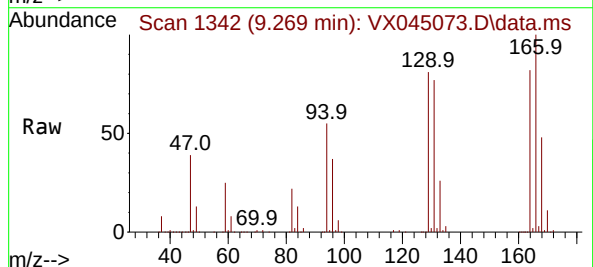
Manual Integrations
APPROVED

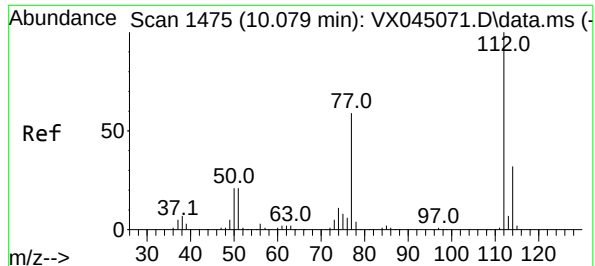
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#64
Tetrachloroethene
Concen: 145.906 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:164 Resp: 139536
Ion Ratio Lower Upper
164 100
166 121.6 103.6 155.4
129 99.0 82.7 124.1
131 93.6 80.5 120.7





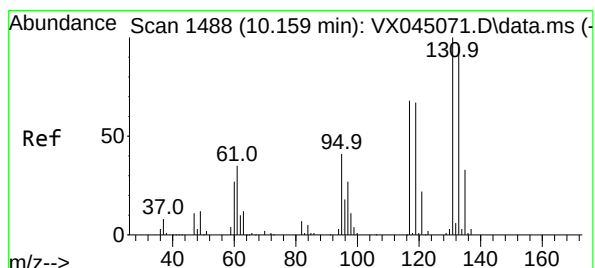
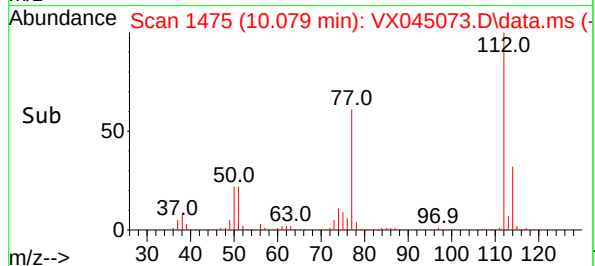
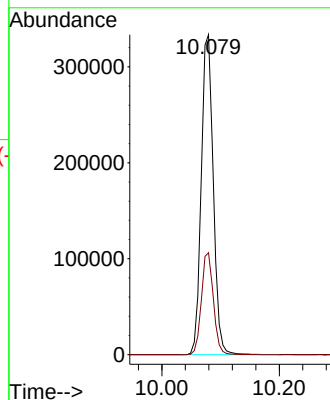
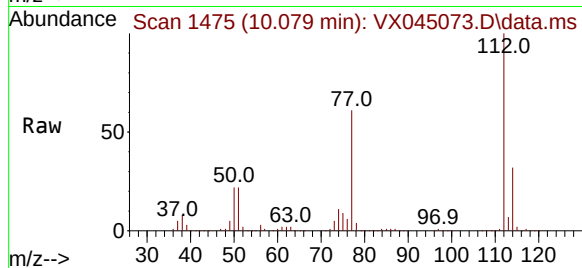
#65
Chlorobenzene
Concen: 146.096 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:112 Resp: 472117
Ion Ratio Lower Upper
112 100
114 31.9 26.0 39.0

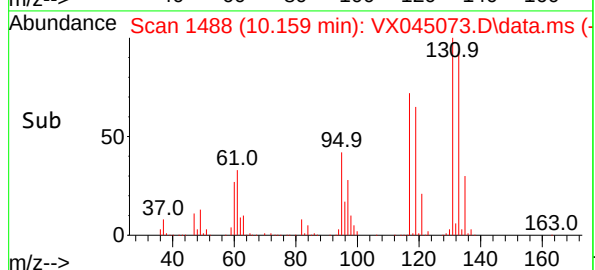
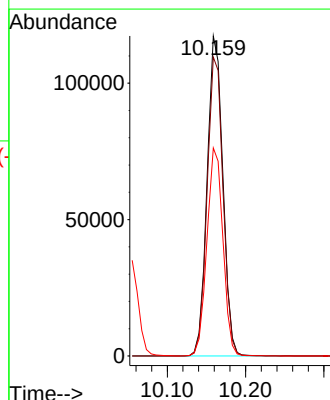
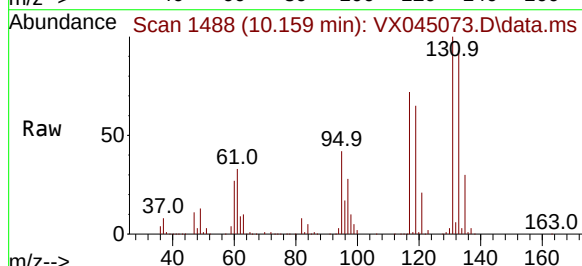
Manual Integrations
APPROVED

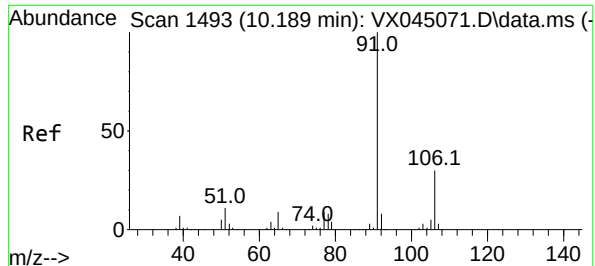
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 156.845 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

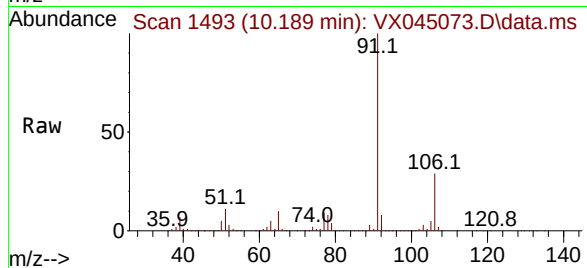
Tgt Ion:131 Resp: 163370
Ion Ratio Lower Upper
131 100
133 94.2 48.6 145.9
119 66.0 33.9 101.7





#67
Ethyl Benzene
Concen: 149.191 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

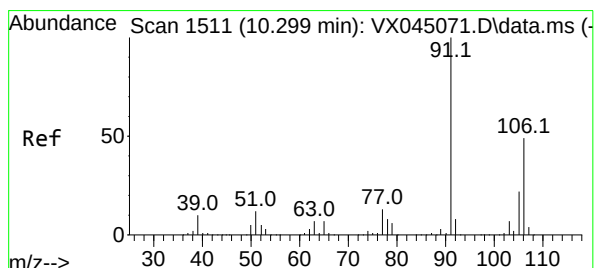
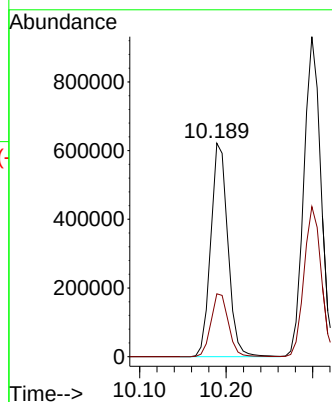
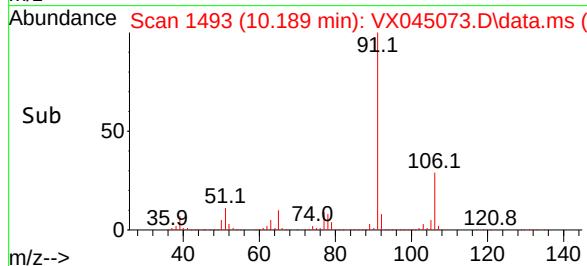
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 91 Resp: 852579
Ion Ratio Lower Upper
91 100
106 29.5 23.9 35.9

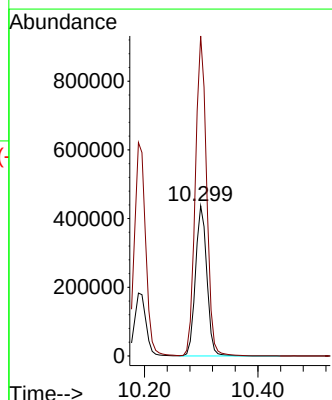
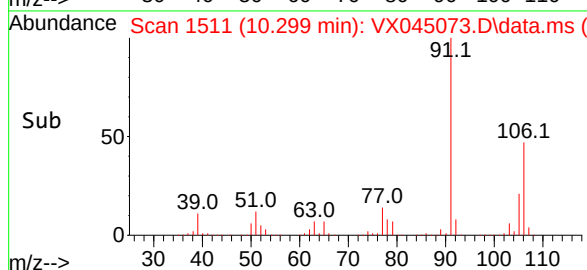
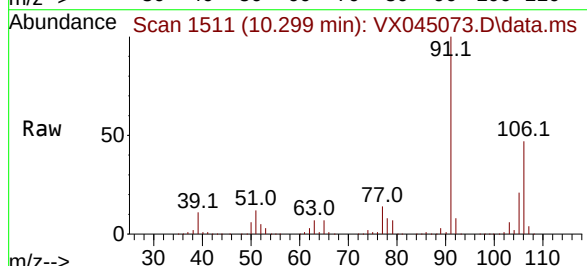
Manual Integrations
APPROVED

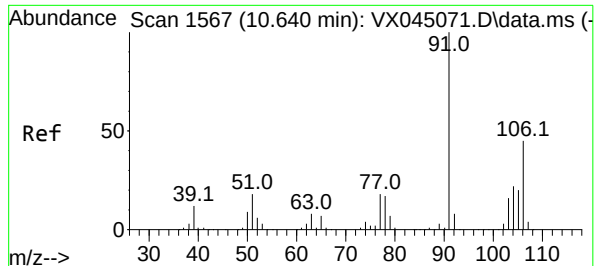
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#68
m/p-Xylenes
Concen: 288.655 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:106 Resp: 607523
Ion Ratio Lower Upper
106 100
91 211.2 165.4 248.0





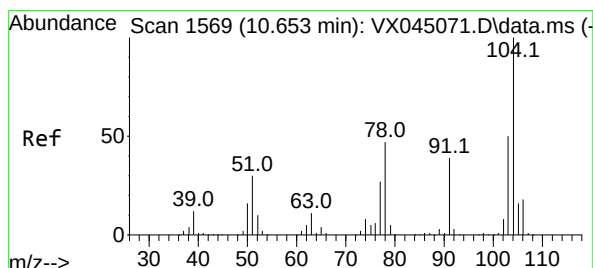
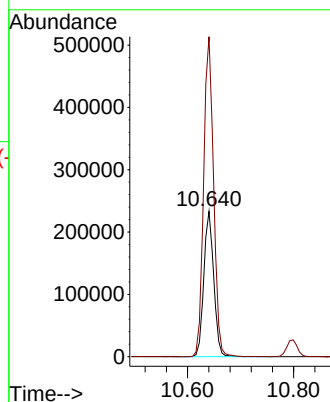
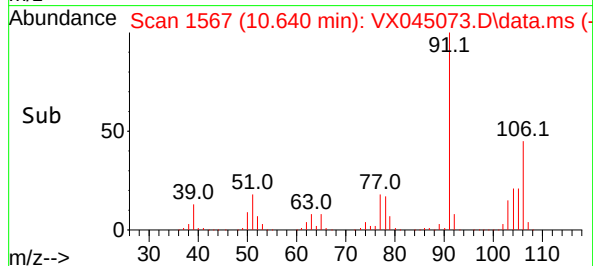
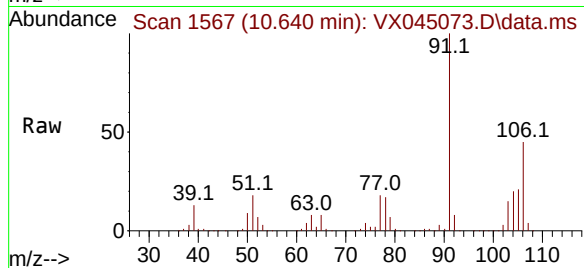
#69
o-Xylene
Concen: 143.259 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:106 Resp: 302495
Ion Ratio Lower Upper
106 100
91 221.3 109.9 329.6

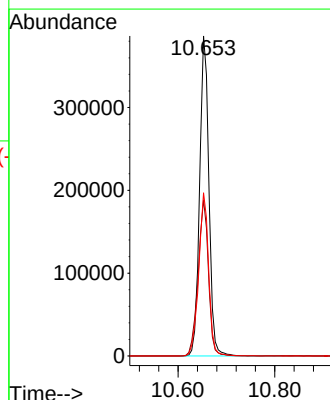
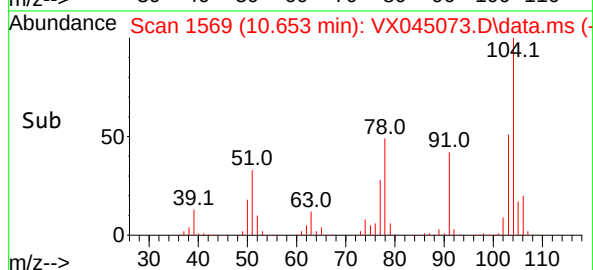
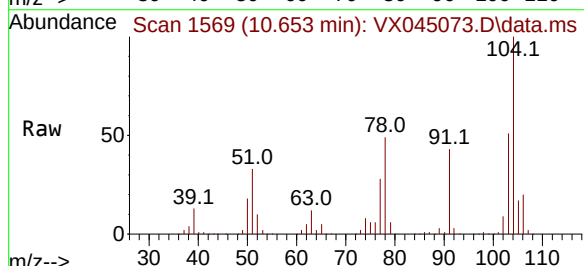
Manual Integrations
APPROVED

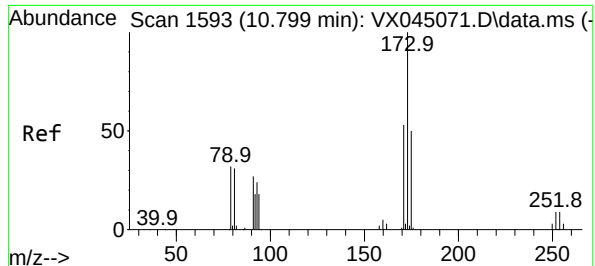
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#70
Styrene
Concen: 150.979 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

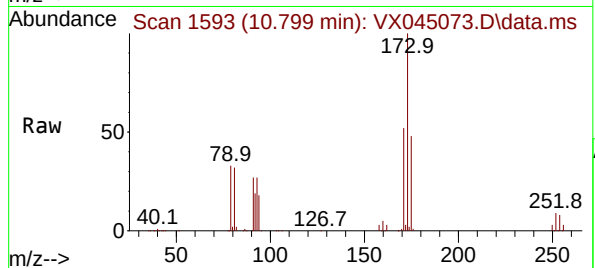
Tgt Ion:104 Resp: 512379
Ion Ratio Lower Upper
104 100
78 54.4 42.2 63.4
103 54.8 43.8 65.8





#71
Bromoform
Concen: 174.808 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

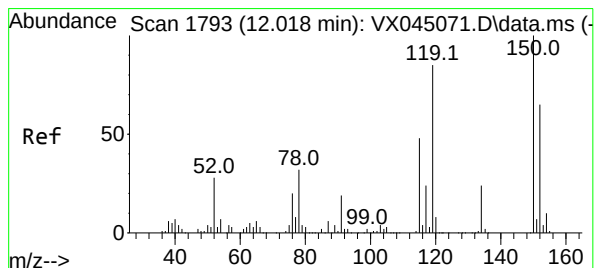
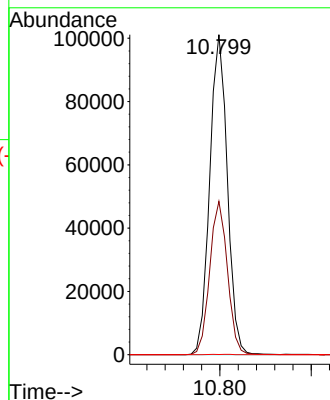
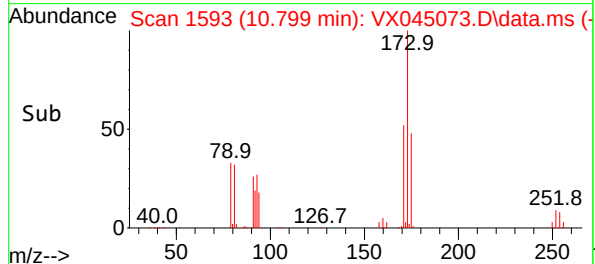
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:173 Resp: 135388
Ion Ratio Lower Upper
173 100
175 48.3 24.6 73.6
254 0.1 0.0 0.0

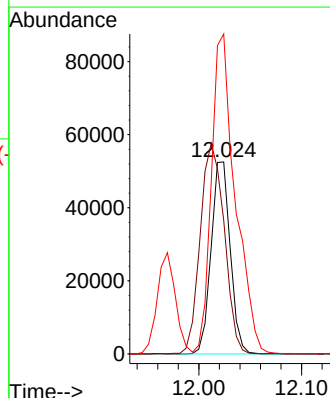
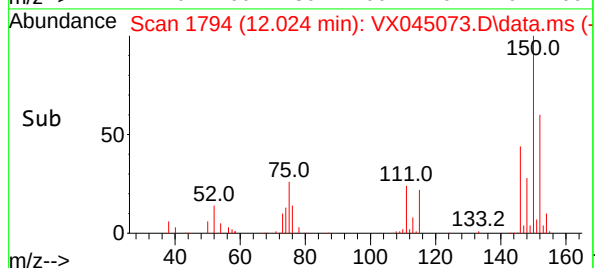
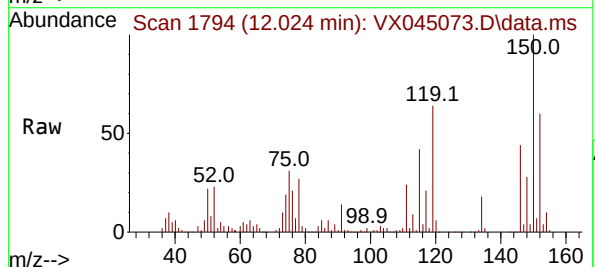
Manual Integrations
APPROVED

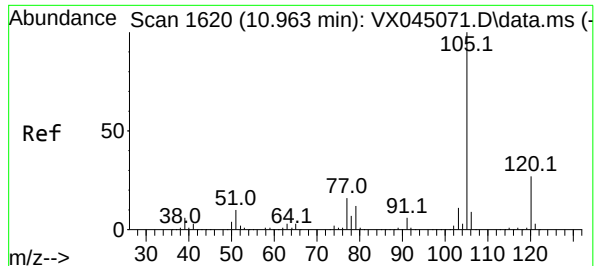
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

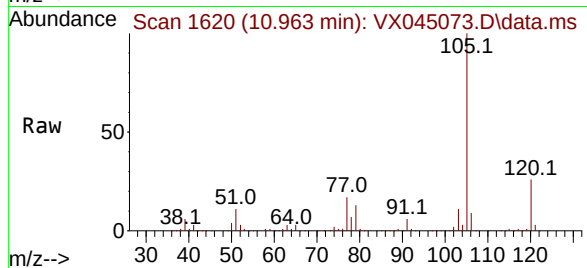
Tgt Ion:152 Resp: 67685
Ion Ratio Lower Upper
152 100
115 138.4 44.2 132.6#
150 208.8 0.0 349.0





#73
Isopropylbenzene
Concen: 142.719 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

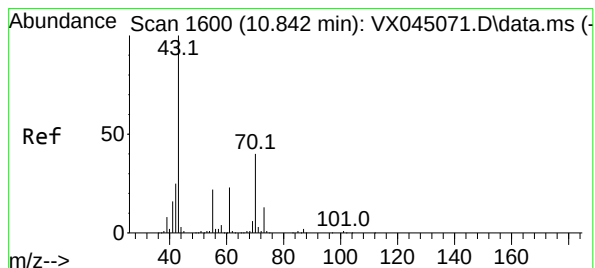
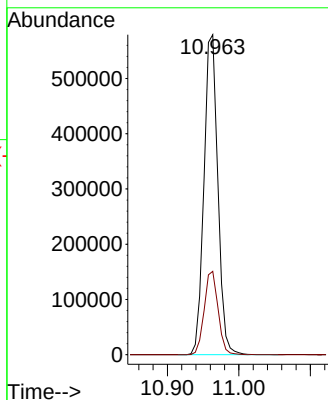
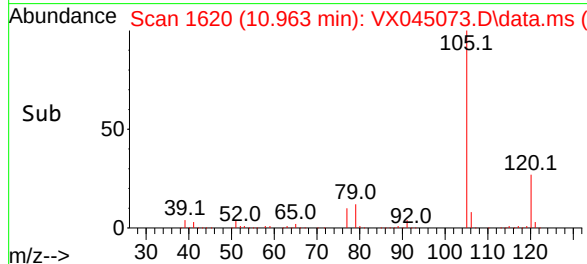
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:105 Resp: 780700
Ion Ratio Lower Upper
105 100
120 26.0 13.2 39.5

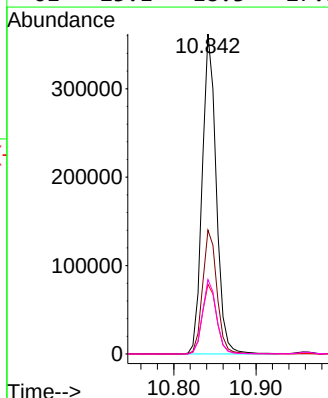
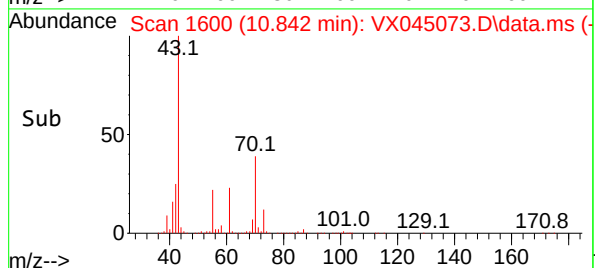
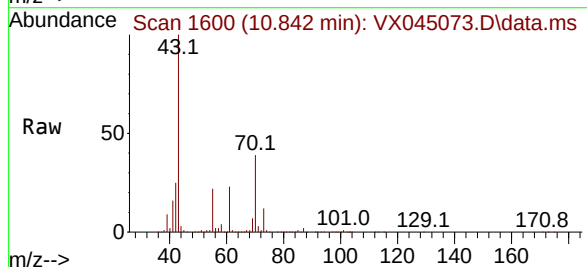
Manual Integrations
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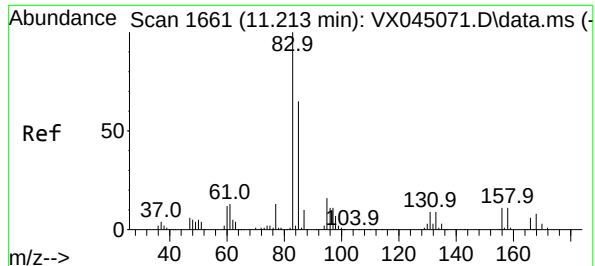
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#74
N-ethyl acetate
Concen: 173.042 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 43 Resp: 429686
Ion Ratio Lower Upper
43 100
70 39.6 31.8 47.6
55 22.5 18.3 27.5
61 23.1 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 150.458 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX045073.D

Acq: 28 Feb 2025 03:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 83 Resp: 283558

Ion Ratio Lower Upper

83 100

131 9.3 4.5 13.4

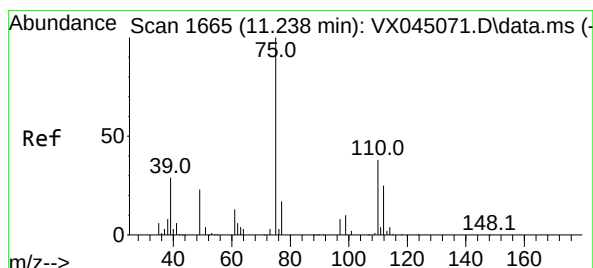
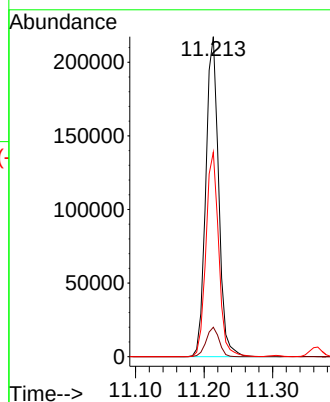
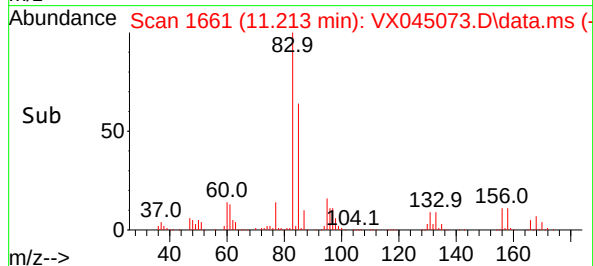
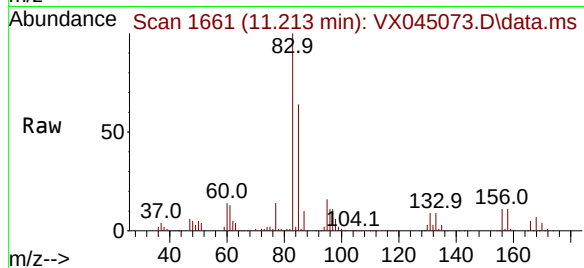
85 63.8 31.7 95.1

Manual Integrations

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Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#76

1,2,3-Trichloropropane

Concen: 151.960 ug/l m

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX045073.D

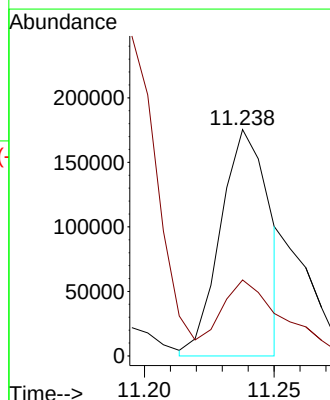
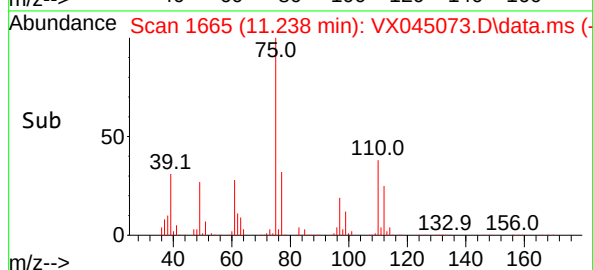
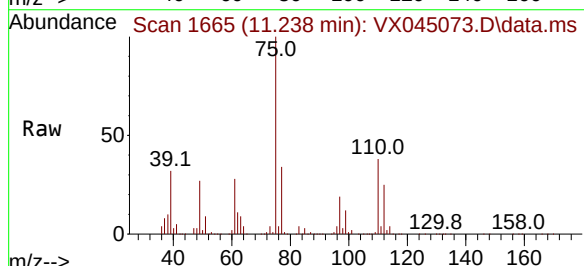
Acq: 28 Feb 2025 03:47

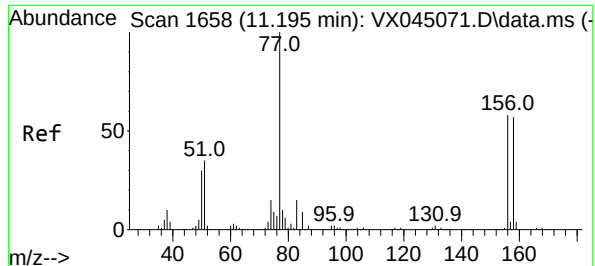
Tgt Ion: 75 Resp: 229435

Ion Ratio Lower Upper

75 100

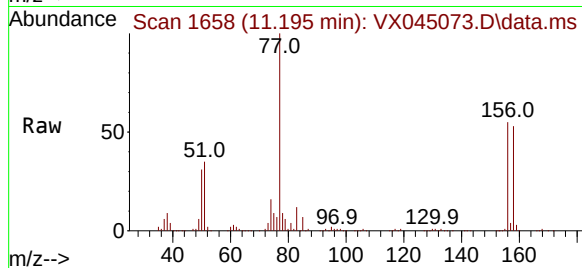
77 43.2 20.7 62.1





#77
Bromobenzene
Concen: 145.760 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

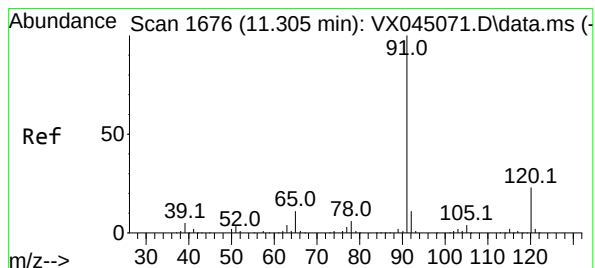
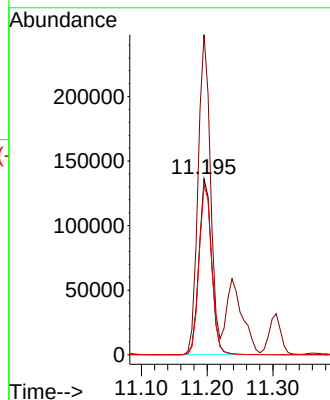
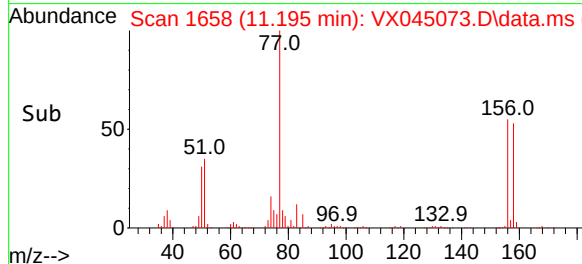
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



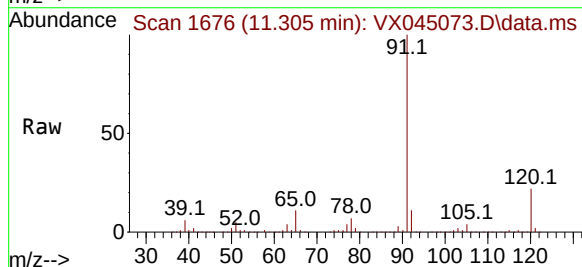
Tgt Ion:156 Resp: 180997
Ion Ratio Lower Upper
156 100
77 179.4 85.8 257.4
158 97.1 48.4 145.2

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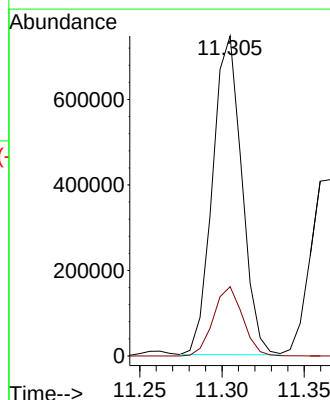
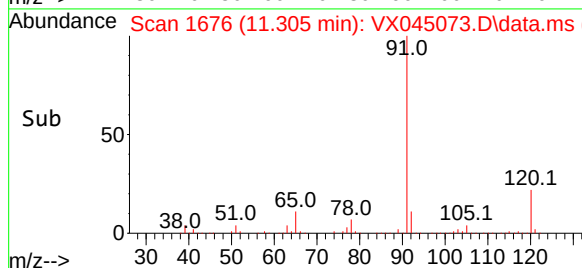
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

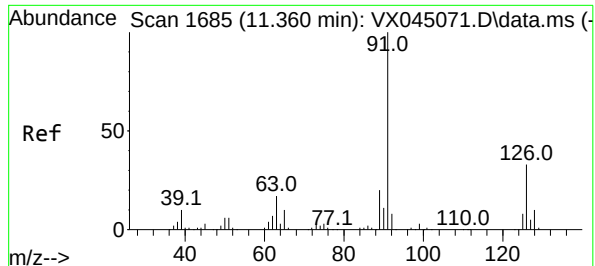


#78
n-propylbenzene
Concen: 146.395 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47



Tgt Ion: 91 Resp: 923593
Ion Ratio Lower Upper
91 100
120 21.8 11.2 33.6





#79

2-Chlorotoluene

Concen: 141.695 ug/l

RT: 11.366 min Scan# 1685

Delta R.T. 0.006 min

Lab File: VX045073.D

Acq: 28 Feb 2025 03:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 54869

Ion Ratio Lower Upper

91 100

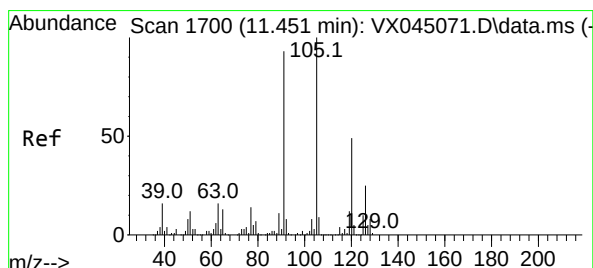
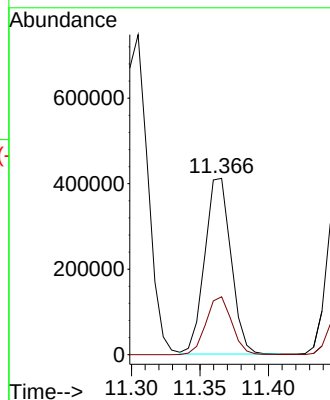
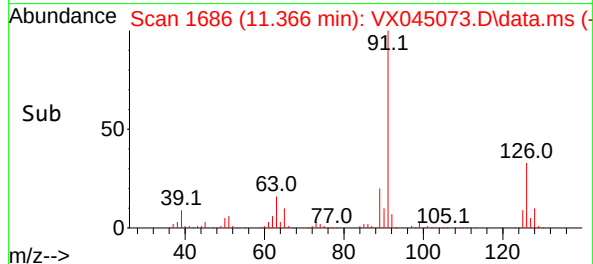
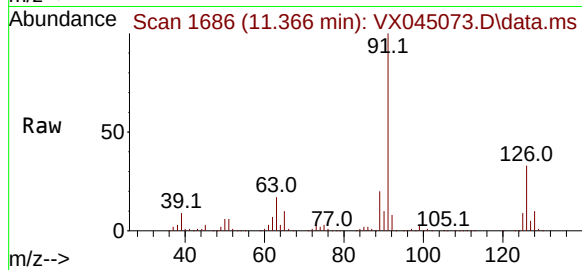
126 32.4 16.4 49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#80

1,3,5-Trimethylbenzene

Concen: 143.293 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX045073.D

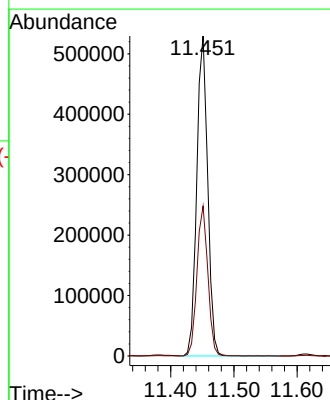
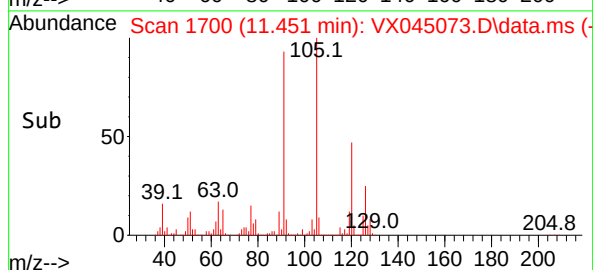
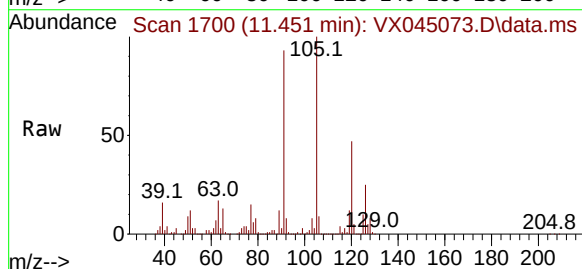
Acq: 28 Feb 2025 03:47

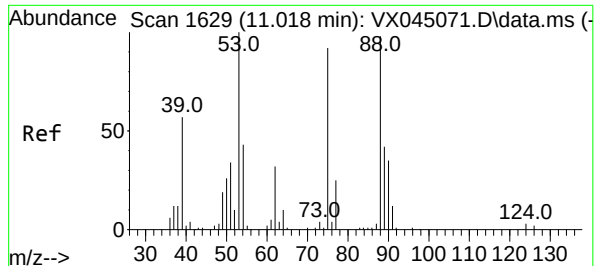
Tgt Ion:105 Resp: 635832

Ion Ratio Lower Upper

105 100

120 46.7 24.1 72.2





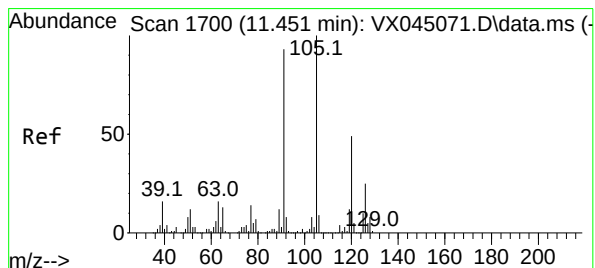
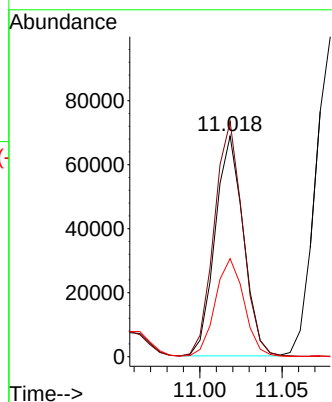
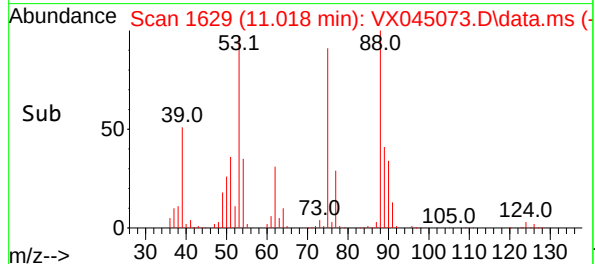
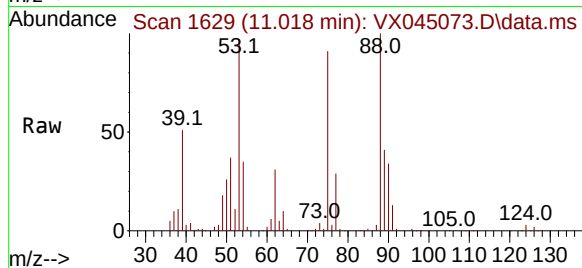
#81
trans-1,4-Dichloro-2-butene
Concen: 147.761 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
75	100		
53	107.7	88.5	132.7
89	45.2	36.2	54.4

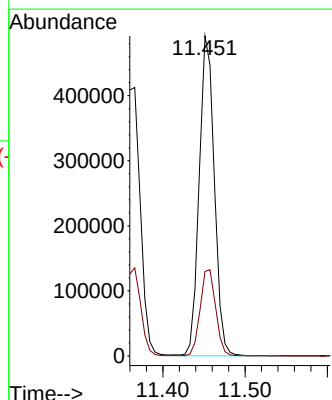
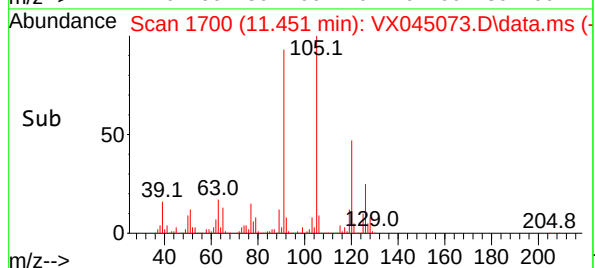
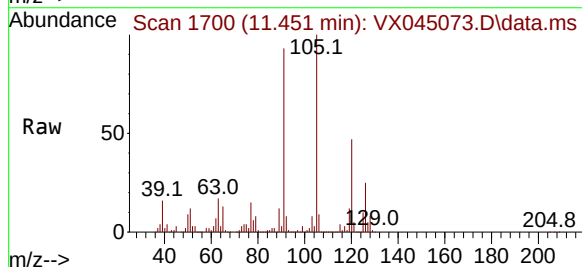
Manual Integrations
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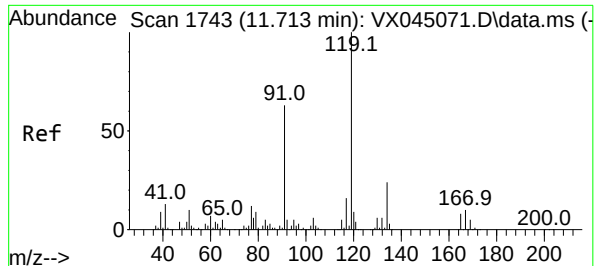
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#82
4-Chlorotoluene
Concen: 146.464 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.8	14.1	42.4





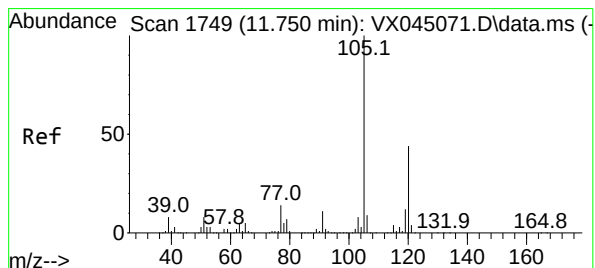
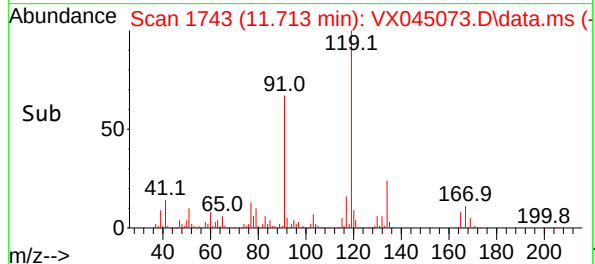
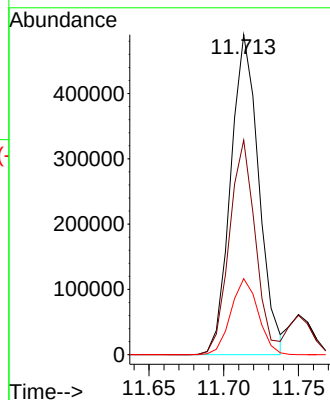
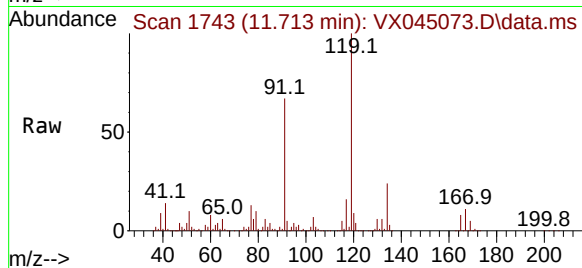
#83
tert-Butylbenzene
Concen: 142.974 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:119 Resp: 641711
Ion Ratio Lower Upper
119 100
91 62.5 30.7 92.1
134 23.0 11.7 35.0

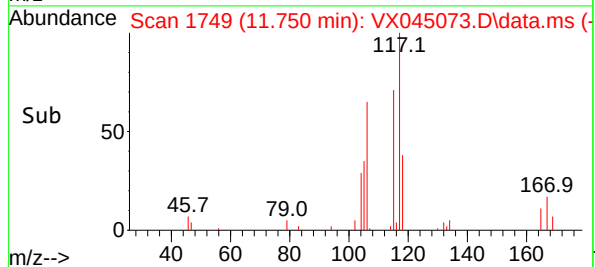
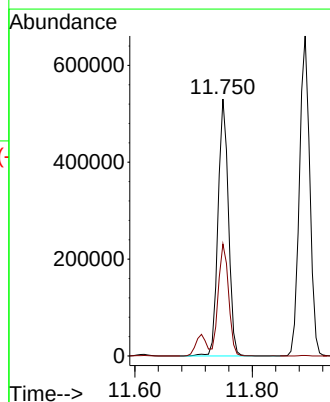
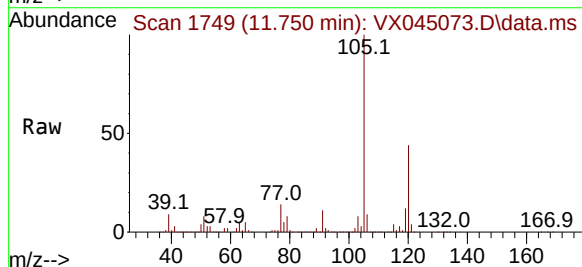
Manual Integrations
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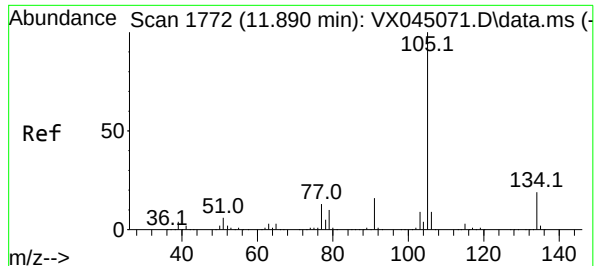
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#84
1,2,4-Trimethylbenzene
Concen: 148.135 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:105 Resp: 647248
Ion Ratio Lower Upper
105 100
120 43.8 22.1 66.1





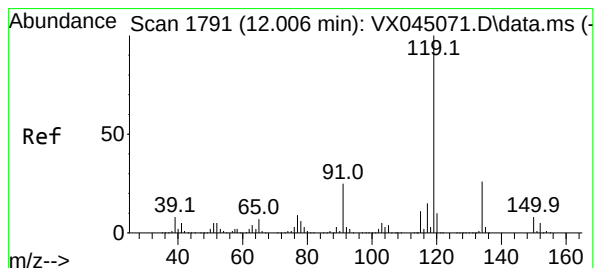
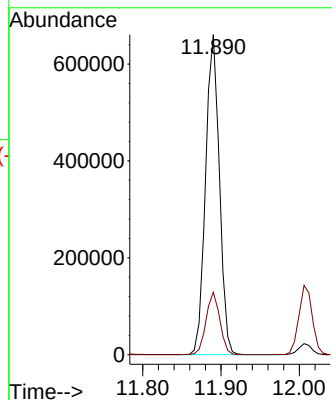
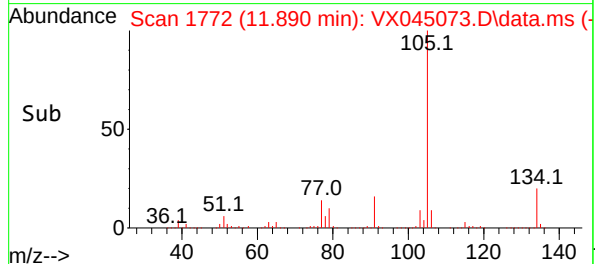
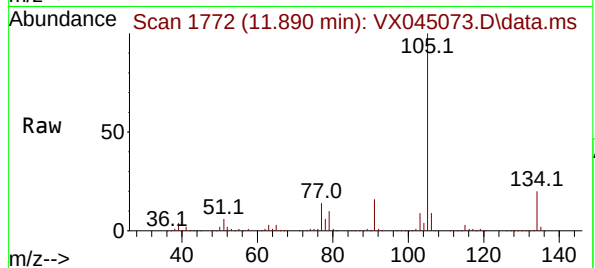
#85
sec-Butylbenzene
Concen: 145.383 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:105 Resp: 80771
Ion Ratio Lower Upper
105 100
134 19.4 9.8 29.4

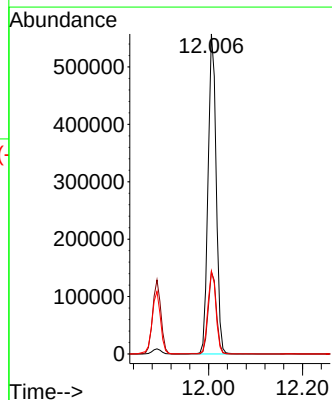
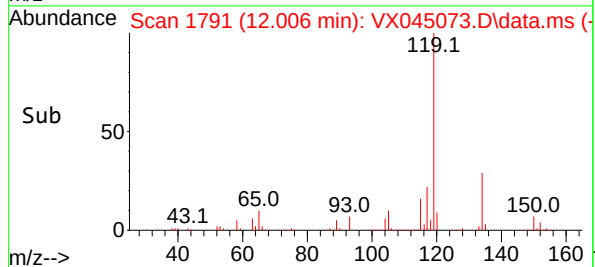
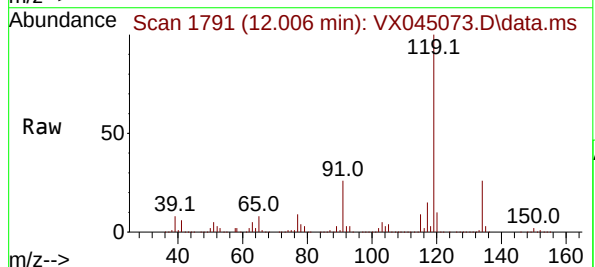
Manual Integrations
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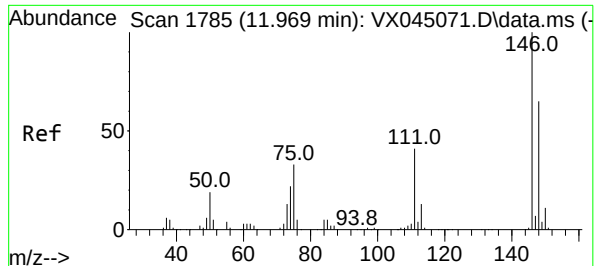
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#86
p-Isopropyltoluene
Concen: 149.075 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:119 Resp: 664916
Ion Ratio Lower Upper
119 100
134 25.7 12.9 38.6
91 25.8 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 147.488 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX045073.D

Acq: 28 Feb 2025 03:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:146 Resp: 33475

Ion Ratio Lower Upper

146 100

111 42.7 21.1 63.4

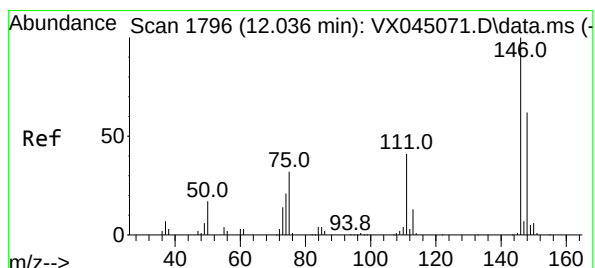
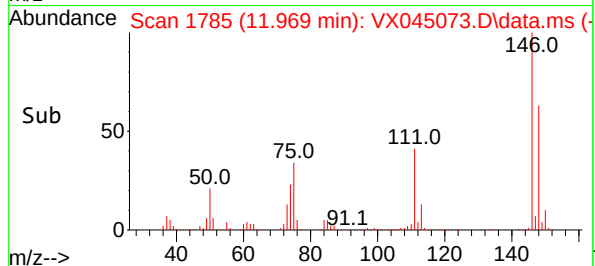
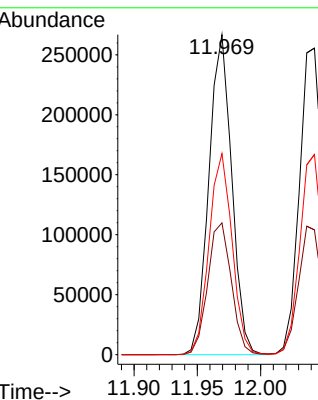
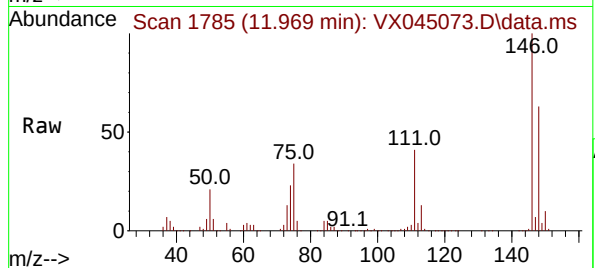
148 63.6 31.9 95.7

Manual Integrations

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Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#88

1,4-Dichlorobenzene

Concen: 145.189 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX045073.D

Acq: 28 Feb 2025 03:47

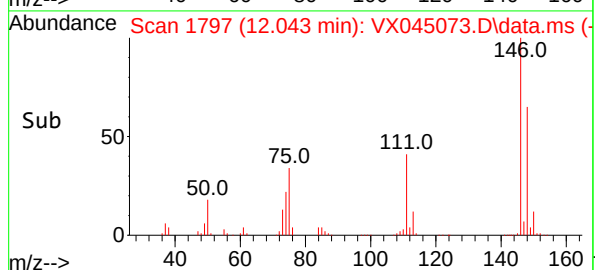
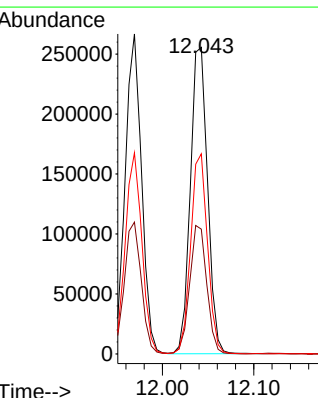
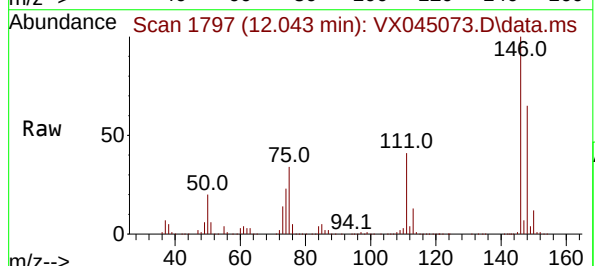
Tgt Ion:146 Resp: 333594

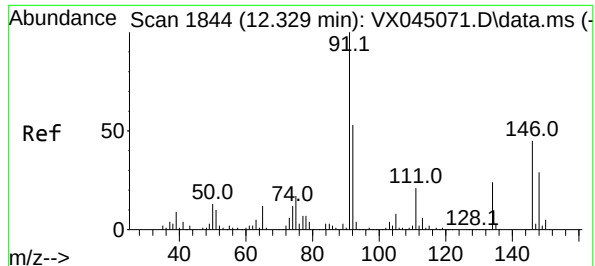
Ion Ratio Lower Upper

146 100

111 41.7 20.2 60.5

148 64.0 31.9 95.9





#89

n-Butylbenzene

Concen: 158.324 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX045073.D

Acq: 28 Feb 2025 03:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 62075

Ion Ratio Lower Upper

91 100

92 53.9 26.7 80.0

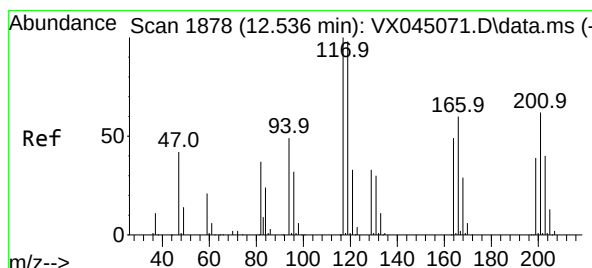
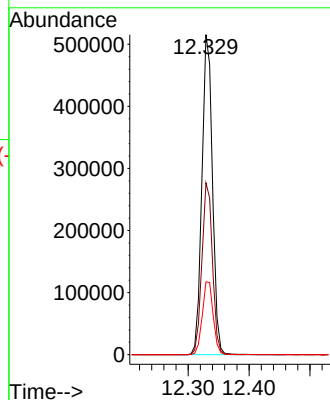
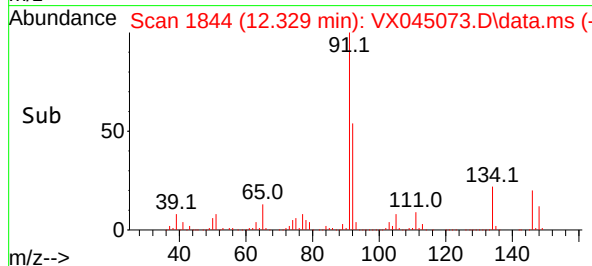
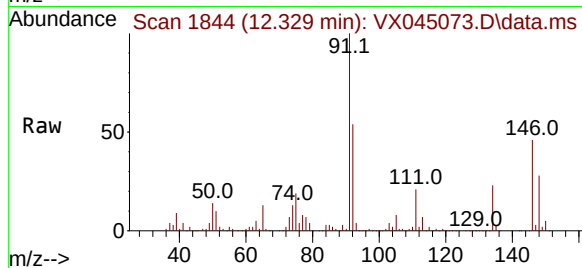
134 23.6 12.2 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#90

Hexachloroethane

Concen: 154.554 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX045073.D

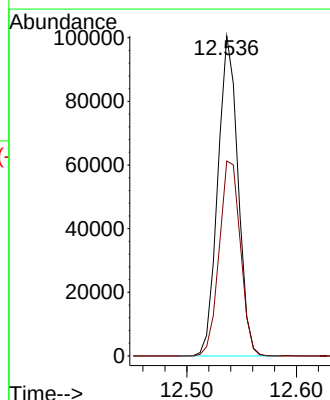
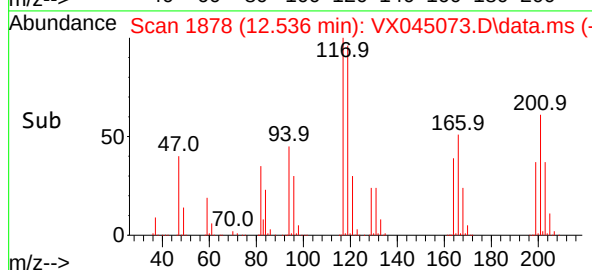
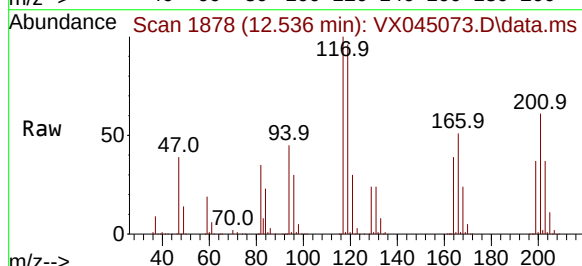
Acq: 28 Feb 2025 03:47

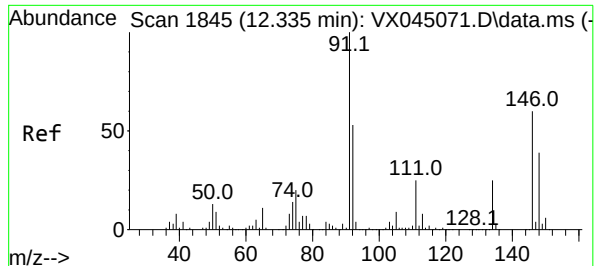
Tgt Ion:117 Resp: 128582

Ion Ratio Lower Upper

117 100

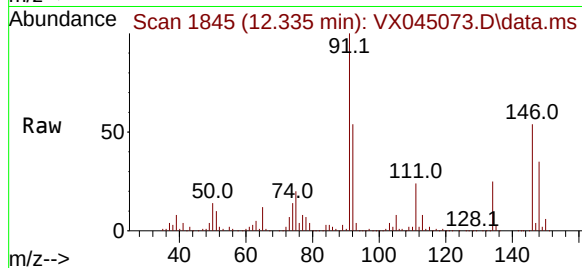
201 64.2 31.9 95.9





#91
1,2-Dichlorobenzene
Concen: 147.436 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

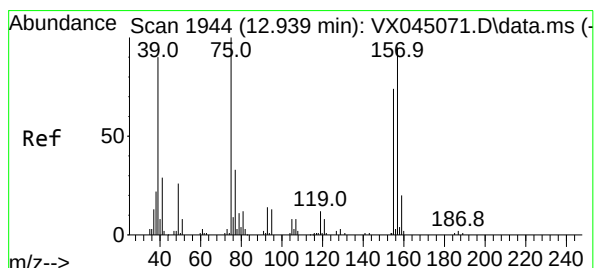
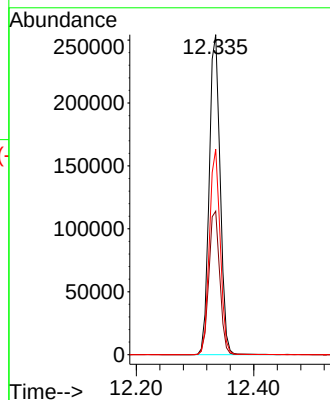
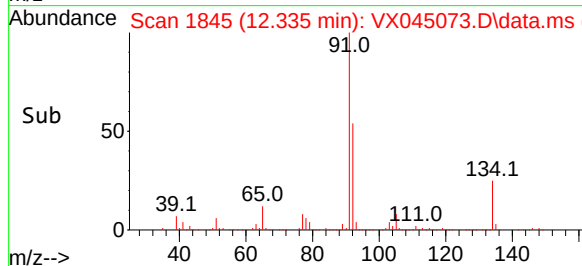
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:146 Resp: 329318
Ion Ratio Lower Upper
146 100
111 44.9 21.6 65.0
148 63.4 31.9 95.9

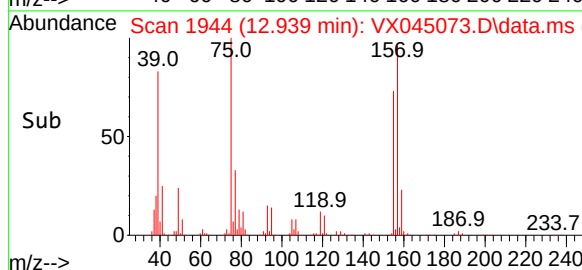
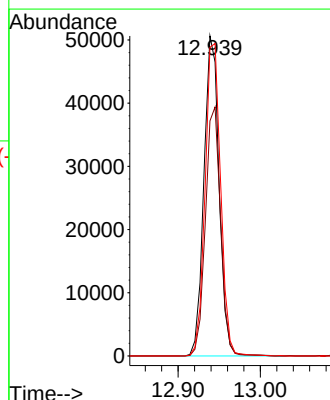
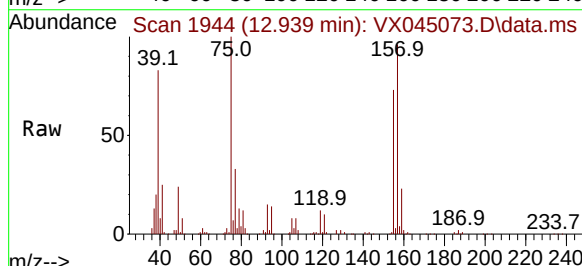
Manual Integrations
APPROVED

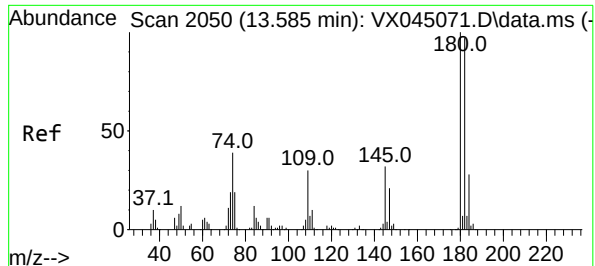
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 186.240 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 75 Resp: 64958
Ion Ratio Lower Upper
75 100
155 77.9 39.6 118.7
157 100.1 51.1 153.4





#93

1,2,4-Trichlorobenzene

Concen: 162.416 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX045073.D

Acq: 28 Feb 2025 03:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:180 Resp: 21931

Ion Ratio Lower Upper

180 100

182 95.6 47.3 141.9

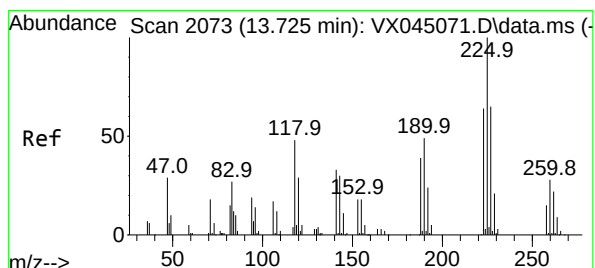
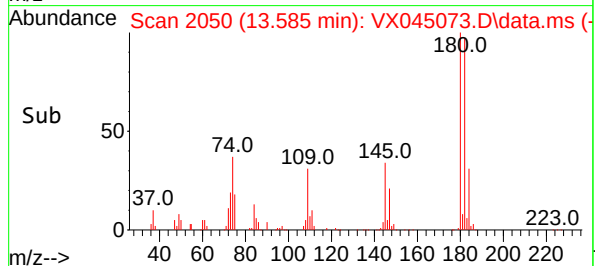
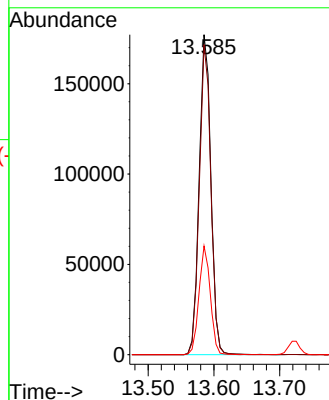
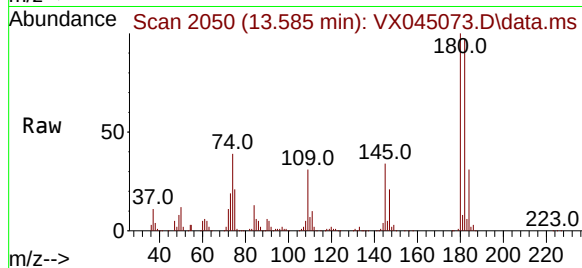
145 32.9 16.3 48.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#94

Hexachlorobutadiene

Concen: 149.034 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX045073.D

Acq: 28 Feb 2025 03:47

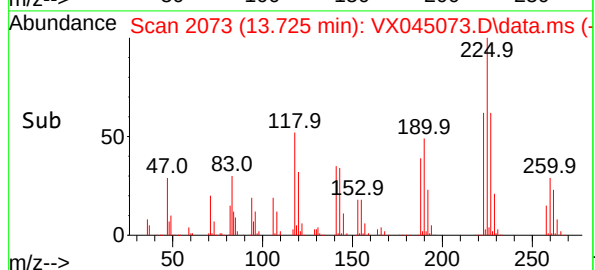
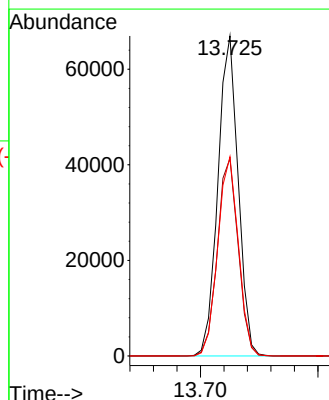
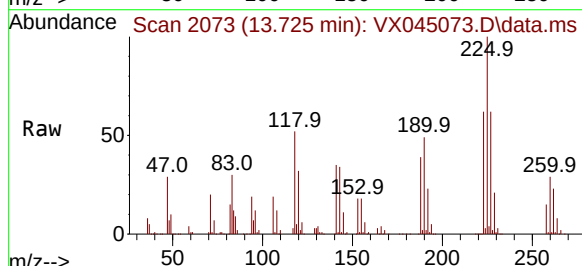
Tgt Ion:225 Resp: 80241

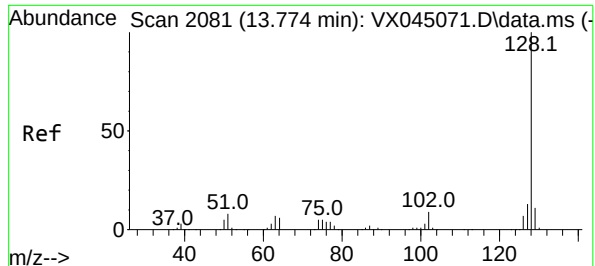
Ion Ratio Lower Upper

225 100

223 63.2 31.9 95.7

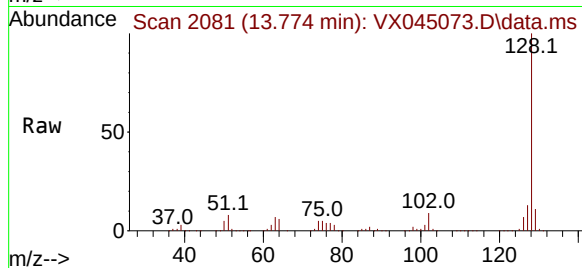
227 63.4 31.4 94.0





#95
Naphthalene
Concen: 168.538 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

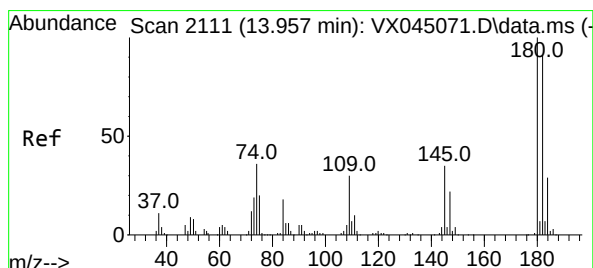
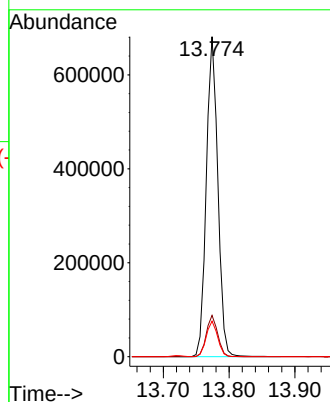
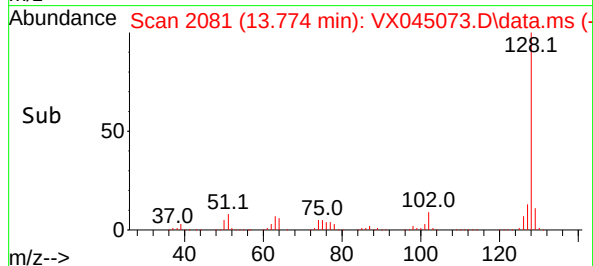
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:128 Resp: 828949
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.1 8.7 13.1

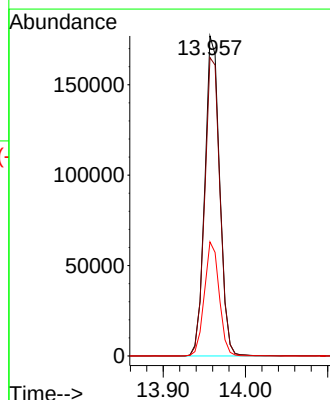
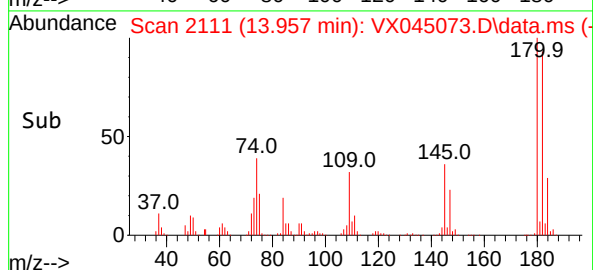
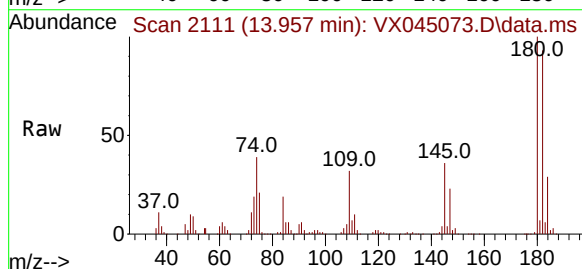
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#96
1,2,3-Trichlorobenzene
Concen: 162.727 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:180 Resp: 222608
Ion Ratio Lower Upper
180 100
182 95.7 47.5 142.6
145 35.5 17.0 50.9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
 Data File : VX045075.D
 Acq On : 28 Feb 2025 04:33
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022825

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/28/2025
 Supervised By : Mahesh Dadoda 02/28/2025

Quant Time: Feb 28 06:55:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	101603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	184964	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	157797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	69357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81288	50.297	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.600%			
35) Dibromofluoromethane	5.385	113	62880	50.841	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.680%			
50) Toluene-d8	8.647	98	225823	50.364	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.720%			
62) 4-Bromofluorobenzene	11.079	95	73162	49.240	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.480%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	61303	47.933	ug/l	95
3) Chloromethane	1.306	50	76216	48.696	ug/l	94
4) Vinyl Chloride	1.373	62	76901	49.529	ug/l	97
5) Bromomethane	1.593	94	28193	46.190	ug/l	97
6) Chloroethane	1.660	64	30042	41.948	ug/l	99
7) Trichlorofluoromethane	1.867	101	101886	49.569	ug/l	98
8) Diethyl Ether	2.136	74	39113	48.651	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.312	101	59477	50.367	ug/l	100
10) Methyl Iodide	2.440	142	74585	50.541	ug/l	98
11) Tert butyl alcohol	2.989	59	73034	238.577	ug/l	98
12) 1,1-Dichloroethene	2.306	96	61885	49.568	ug/l	98
13) Acrolein	2.239	56	95989	271.255	ug/l	99
14) Allyl chloride	2.654	41	114875	51.691	ug/l	98
15) Acrylonitrile	3.068	53	209607	255.479	ug/l	99
16) Acetone	2.392	43	182119	242.877	ug/l	100
17) Carbon Disulfide	2.501	76	166105	49.952	ug/l	97
18) Methyl Acetate	2.709	43	90756	50.312	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	222475	53.114	ug/l	99
20) Methylene Chloride	2.782	84	73731	49.639	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	63117	51.172	ug/l	98
22) Diisopropyl ether	3.763	45	243860	53.955	ug/l	97
23) Vinyl Acetate	3.721	43	1064817	282.313	ug/l	100
24) 1,1-Dichloroethane	3.605	63	129666	51.190	ug/l	100
25) 2-Butanone	4.562	43	298021	264.040	ug/l	98
26) 2,2-Dichloropropane	4.471	77	58694	49.401	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	78576	51.606	ug/l	100
28) Bromochloromethane	4.891	49	60849	50.399	ug/l	100
29) Tetrahydrofuran	5.007	42	195768	258.277	ug/l	99
30) Chloroform	5.086	83	126437	50.236	ug/l	98
31) Cyclohexane	5.464	56	110288	50.158	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	103546	50.939	ug/l	99
36) 1,1-Dichloropropene	5.684	75	82722	48.770	ug/l	99
37) Ethyl Acetate	4.714	43	112768	51.596	ug/l	99
38) Carbon Tetrachloride	5.672	117	85110	49.425	ug/l	99
39) Methylcyclohexane	7.372	83	103996	51.169	ug/l	98
40) Benzene	6.031	78	274206	51.195	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
 Data File : VX045075.D
 Acq On : 28 Feb 2025 04:33
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022825

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/28/2025
 Supervised By : Mahesh Dadoda 02/28/2025

Quant Time: Feb 28 06:55:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	63051	53.352	ug/l	99
42) 1,2-Dichloroethane	6.080	62	97821	50.718	ug/l	100
43) Isopropyl Acetate	6.342	43	175982	54.452	ug/l	100
44) Trichloroethene	7.122	130	61530	48.924	ug/l	99
45) 1,2-Dichloropropane	7.427	63	70350	51.086	ug/l	97
46) Dibromomethane	7.580	93	50284	51.661	ug/l	99
47) Bromodichloromethane	7.817	83	97236	50.930	ug/l	99
48) Methyl methacrylate	7.689	41	87582	54.016	ug/l	100
49) 1,4-Dioxane	7.665	88	35878	1049.007	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	564197	259.995	ug/l	99
52) Toluene	8.714	92	160331	51.020	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	86584	54.247	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	98146	52.732	ug/l	95
55) 1,1,2-Trichloroethane	9.146	97	64985	50.232	ug/l	99
56) Ethyl methacrylate	9.116	69	106405	54.109	ug/l	100
57) 1,3-Dichloropropane	9.305	76	114880	51.312	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	264335	275.557	ug/l	99
59) 2-Hexanone	9.427	43	416731	265.049	ug/l	99
60) Dibromochloromethane	9.518	129	69492	51.374	ug/l	98
61) 1,2-Dibromoethane	9.610	107	66501	51.492	ug/l	99
64) Tetrachloroethene	9.268	164	50659	50.126	ug/l	96
65) Chlorobenzene	10.079	112	168885	50.580	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	56822	51.102	ug/l	98
67) Ethyl Benzene	10.189	91	300324	51.621	ug/l	100
68) m/p-Xylenes	10.299	106	220335	103.454	ug/l	99
69) o-Xylene	10.640	106	108836	50.668	ug/l	100
70) Styrene	10.652	104	181349	52.177	ug/l	100
71) Bromoform	10.799	173	44135	52.636	ug/l #	100
73) Isopropylbenzene	10.957	105	279278	51.589	ug/l	99
74) N-amyl acetate	10.841	43	144412	56.851	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	100800	50.741	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	80618m	49.940	ug/l	
77) Bromobenzene	11.195	156	64324	50.360	ug/l	100
78) n-propylbenzene	11.305	91	319235	52.203	ug/l	99
79) 2-Chlorotoluene	11.360	91	192150	49.338	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	225622	51.544	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	23943	50.757	ug/l	99
82) 4-Chlorotoluene	11.451	91	216511	51.009	ug/l	100
83) tert-Butylbenzene	11.713	119	227357	50.552	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	228729	51.932	ug/l	100
85) sec-Butylbenzene	11.890	105	283931	52.703	ug/l	100
86) p-Isopropyltoluene	12.006	119	229894	52.803	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	114778	50.372	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	115486	50.097	ug/l	99
89) n-Butylbenzene	12.329	91	204972	54.662	ug/l	99
90) Hexachloroethane	12.536	117	40844	51.866	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	116343	50.899	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.938	75	20589	53.199	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	71368	54.834	ug/l	98
94) Hexachlorobutadiene	13.725	225	26697	50.032	ug/l	99
95) Naphthalene	13.774	128	275844	55.163	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	74211	54.049	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045075.D
Acq On : 28 Feb 2025 04:33
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

Quant Time: Feb 28 06:55:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

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

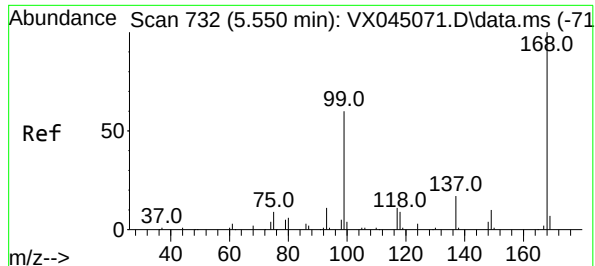
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Manual Integrations

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025





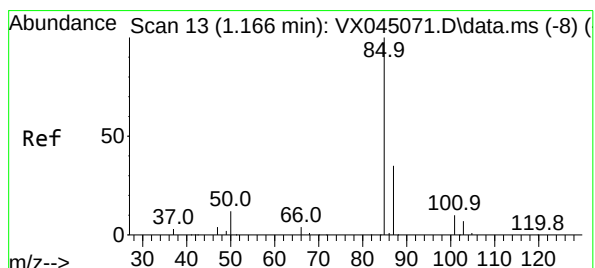
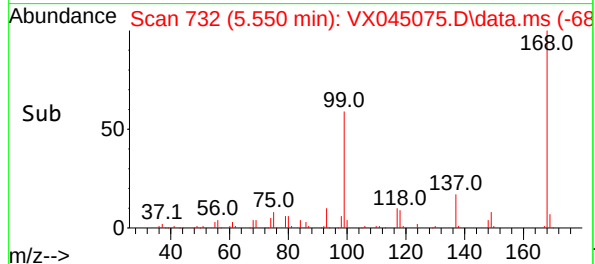
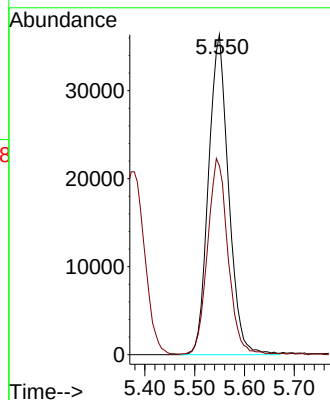
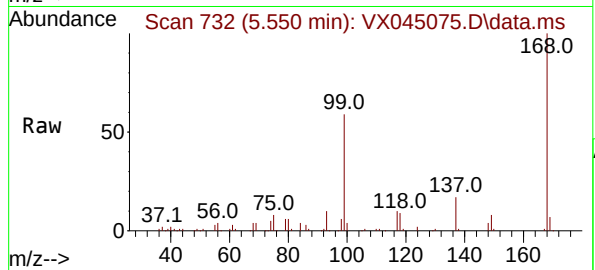
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion:168 Resp: 10160
Ion Ratio Lower Upper
168 100
99 58.9 48.2 72.4

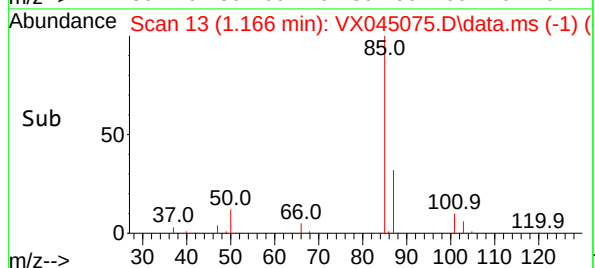
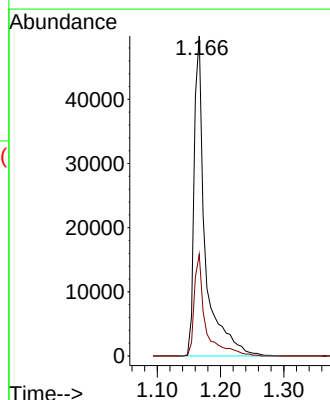
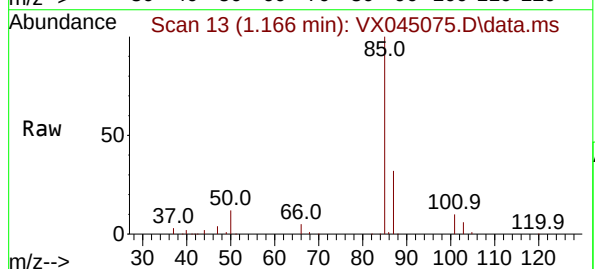
Manual Integrations
APPROVED

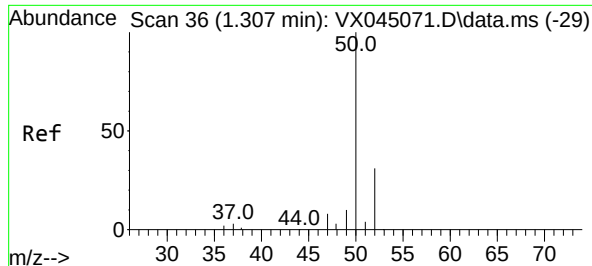
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#2
Dichlorodifluoromethane
Concen: 47.933 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 85 Resp: 61303
Ion Ratio Lower Upper
85 100
87 31.8 17.4 52.3





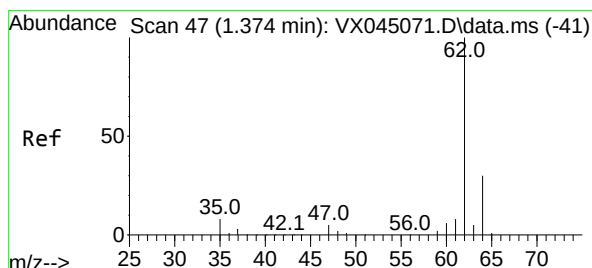
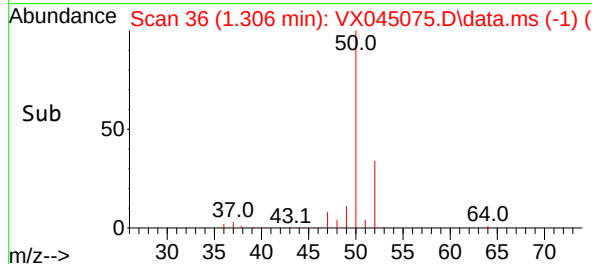
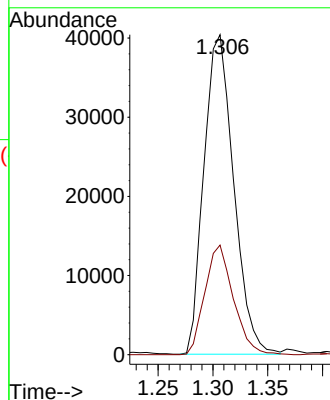
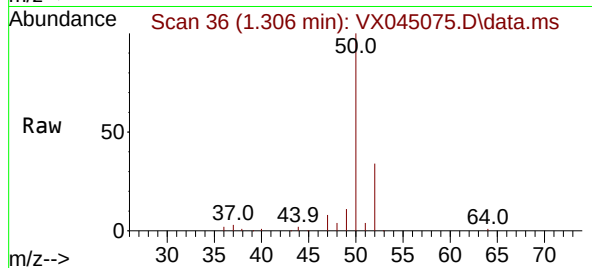
#3
Chloromethane
Concen: 48.696 ug/l
RT: 1.306 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion: 50 Resp: 76210
Ion Ratio Lower Upper
50 100
52 34.3 25.0 37.4

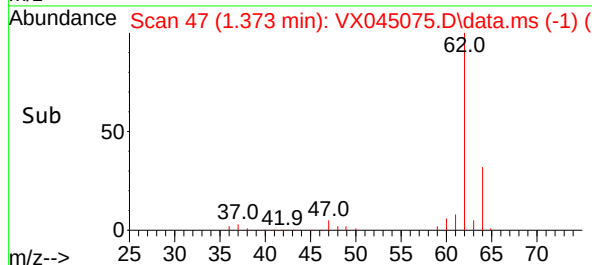
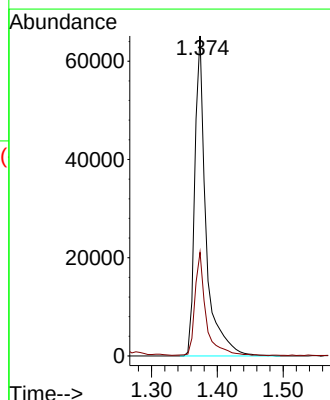
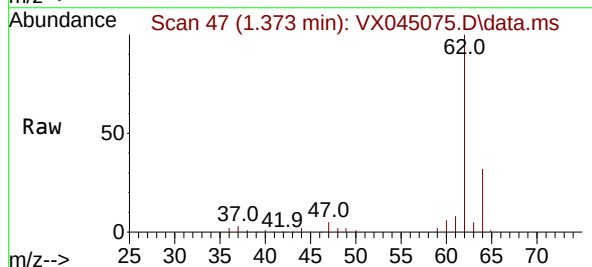
Manual Integrations
APPROVED

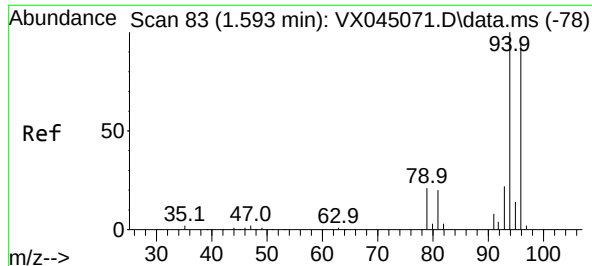
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#4
Vinyl Chloride
Concen: 49.529 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

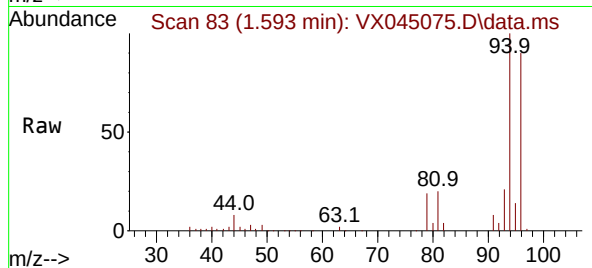
Tgt Ion: 62 Resp: 76901
Ion Ratio Lower Upper
62 100
64 32.2 24.3 36.5





#5
Bromomethane
Concen: 46.190 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

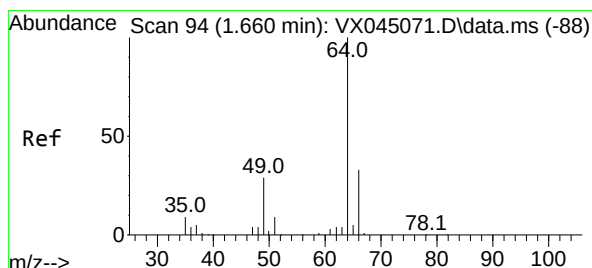
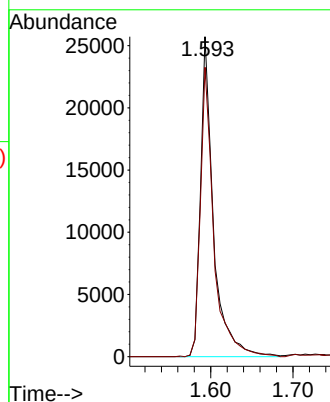
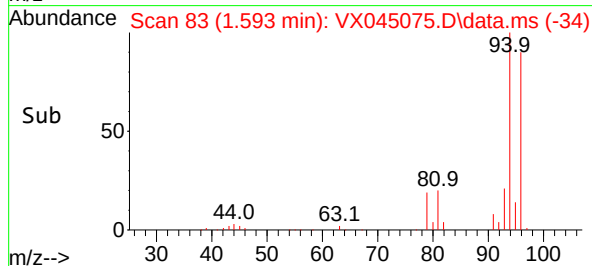
Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825



Tgt Ion: 94 Resp: 2819
Ion Ratio Lower Upper
94 100
96 90.5 75.0 112.4

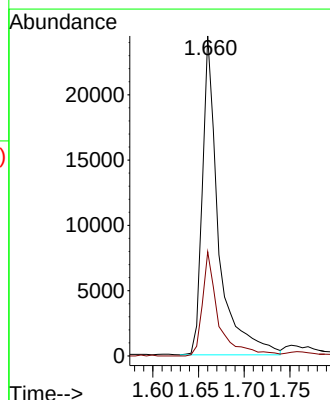
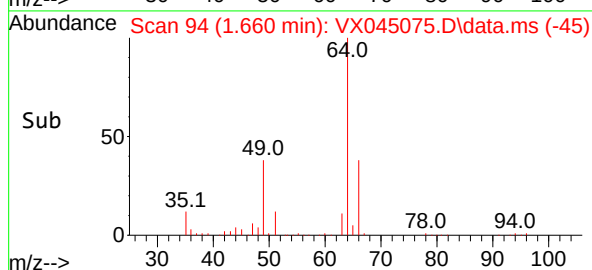
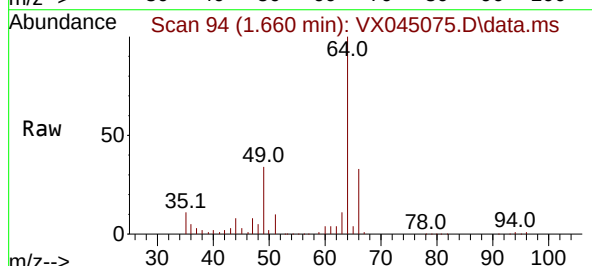
Manual Integrations
APPROVED

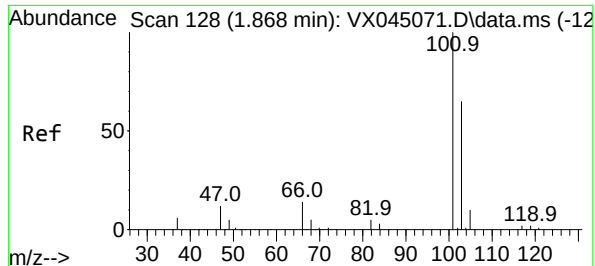
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#6
Chloroethane
Concen: 41.948 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

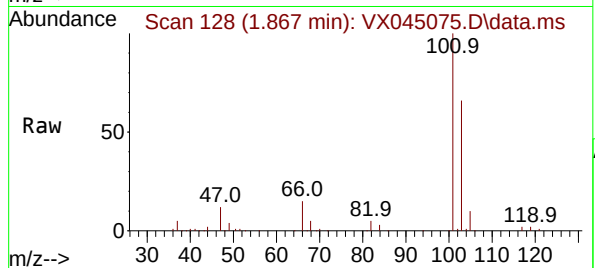
Tgt Ion: 64 Resp: 30042
Ion Ratio Lower Upper
64 100
66 32.6 26.7 40.1





#7
Trichlorofluoromethane
Concen: 49.569 ug/l
RT: 1.867 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

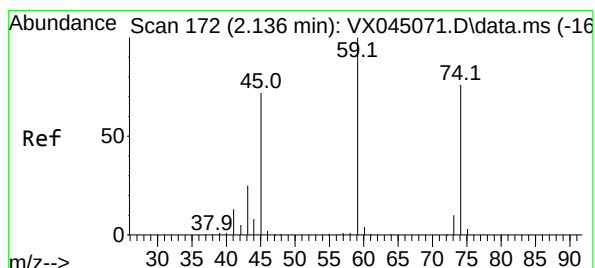
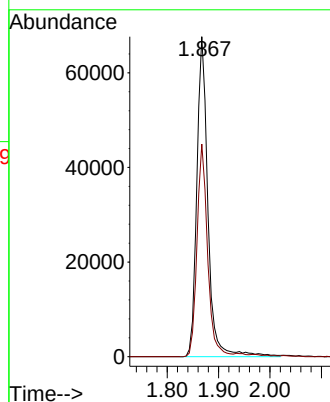
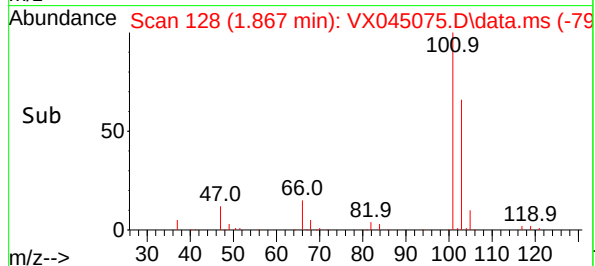
Instrument :
MSVOA_X
ClientSampleId :
ICVX022825



Tgt Ion:101 Resp: 10188
Ion Ratio Lower Upper
101 100
103 66.4 52.1 78.1

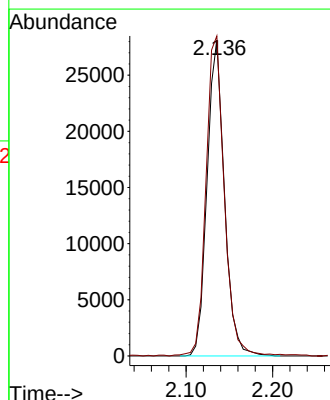
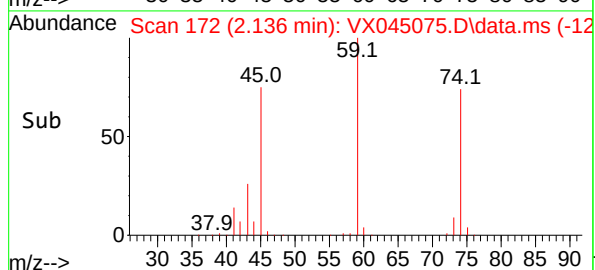
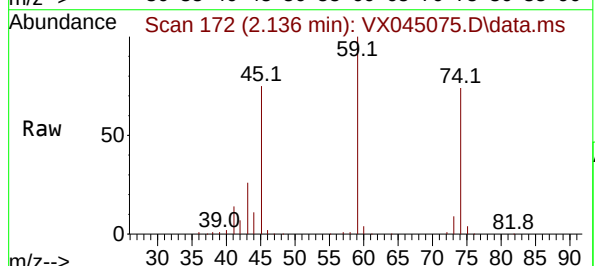
Manual Integrations
APPROVED

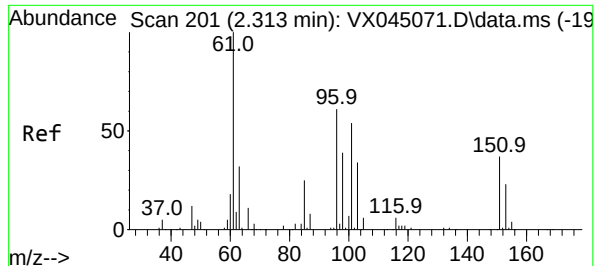
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#8
Diethyl Ether
Concen: 48.651 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 74 Resp: 39113
Ion Ratio Lower Upper
74 100
45 107.2 51.5 154.5





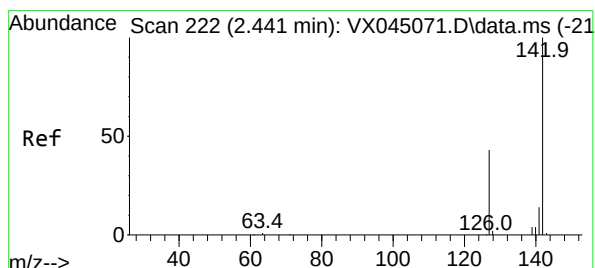
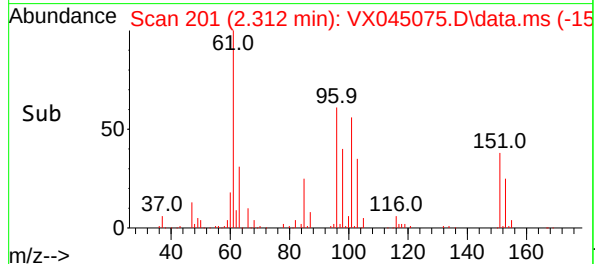
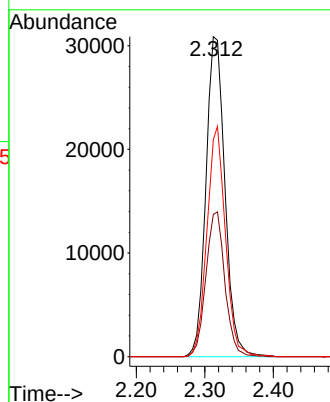
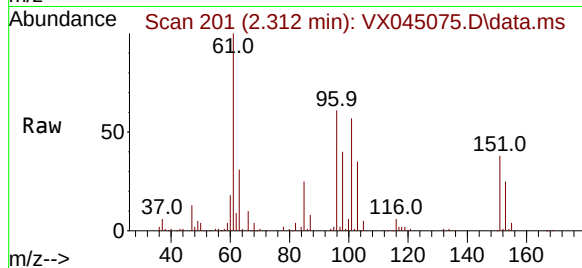
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.367 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVX022825

Tgt Ion:101 Resp: 5947
Ion Ratio Lower Upper
101 100
85 45.4 36.2 54.4
151 70.2 56.4 84.6

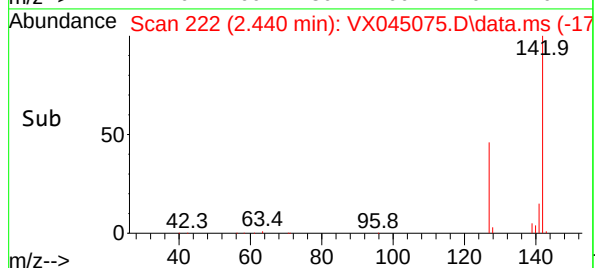
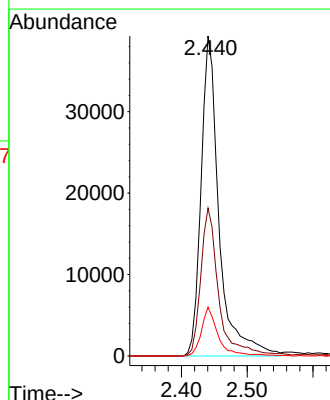
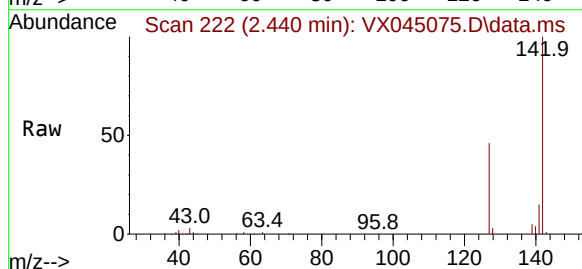
Manual Integrations
APPROVED

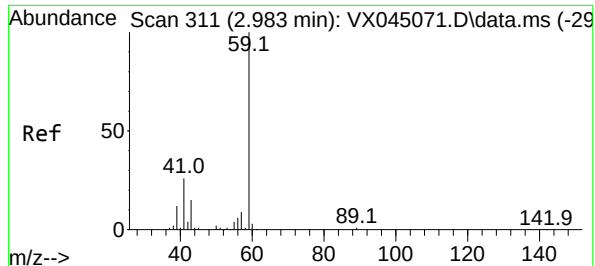
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#10
Methyl Iodide
Concen: 50.541 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:142 Resp: 74585
Ion Ratio Lower Upper
142 100
127 46.3 35.4 53.2
141 14.3 11.6 17.4





#11

Tert butyl alcohol

Concen: 238.577 ug/l

RT: 2.989 min Scan# 311

Delta R.T. 0.006 min

Lab File: VX045075.D

Acq: 28 Feb 2025 04:33

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022825

Tgt Ion: 59 Resp: 73034

Ion Ratio Lower Upper

59 100

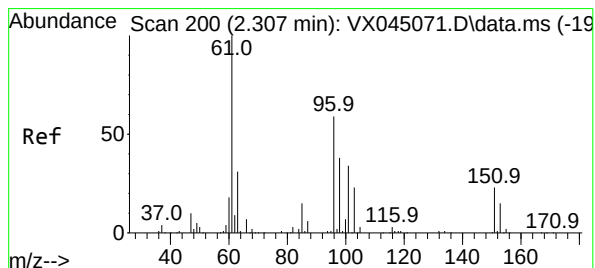
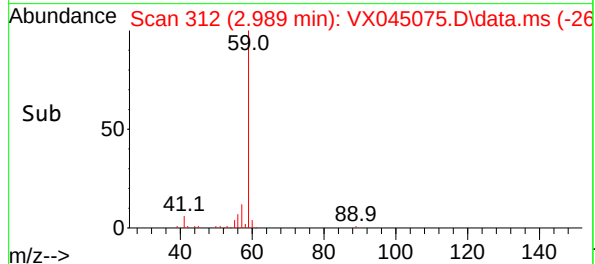
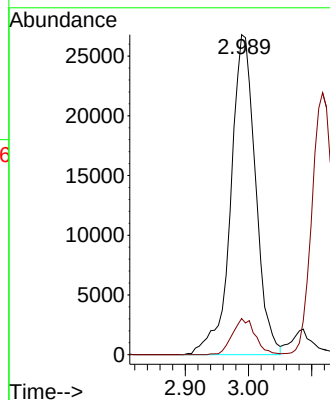
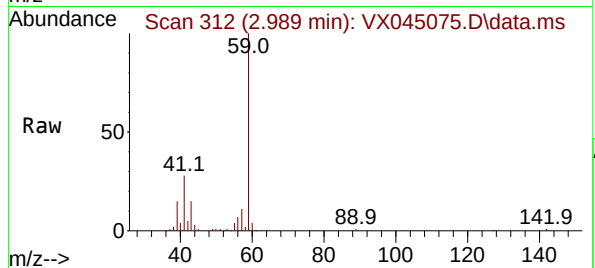
57 10.4 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#12

1,1-Dichloroethene

Concen: 49.568 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.000 min

Lab File: VX045075.D

Acq: 28 Feb 2025 04:33

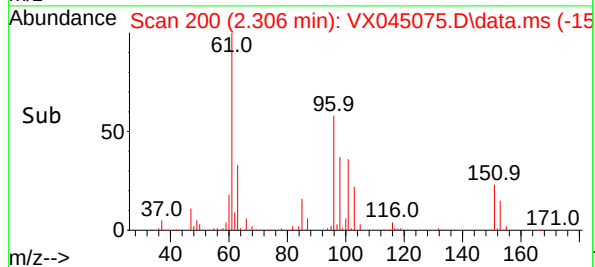
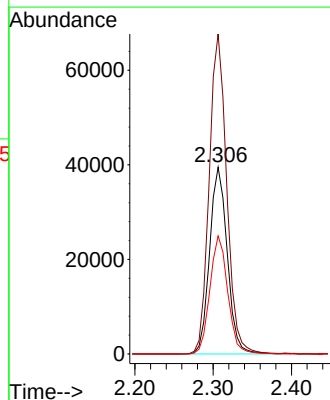
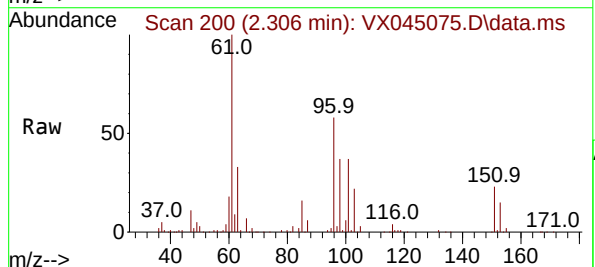
Tgt Ion: 96 Resp: 61885

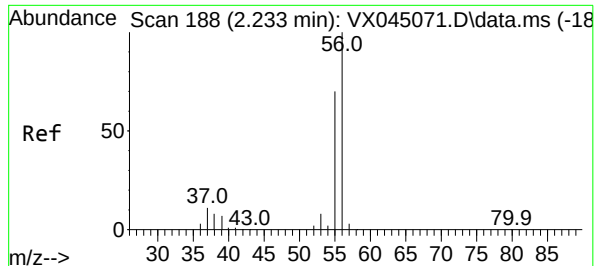
Ion Ratio Lower Upper

96 100

61 171.3 134.6 202.0

98 63.2 51.0 76.6





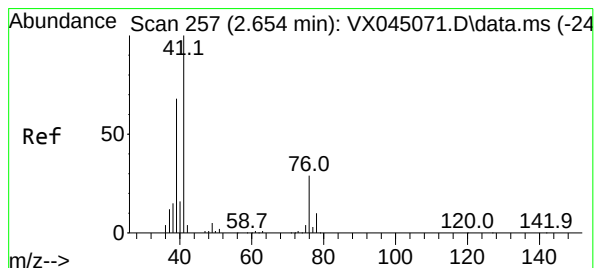
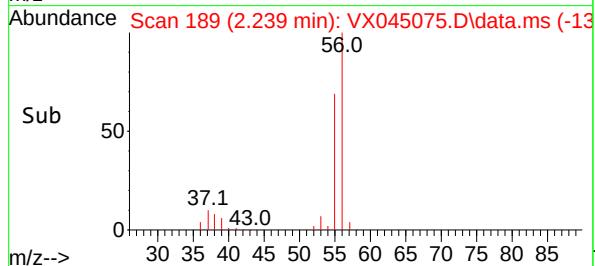
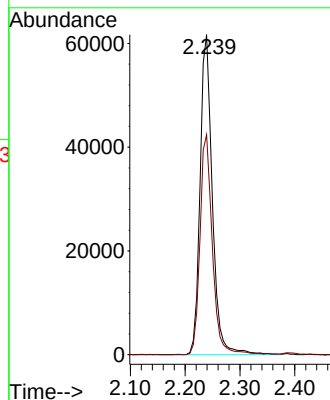
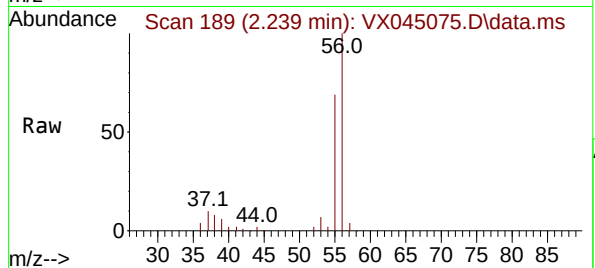
#13
Acrolein
Concen: 271.255 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVX022825

Tgt Ion: 56 Resp: 95989
Ion Ratio Lower Upper
56 100
55 69.5 56.2 84.4

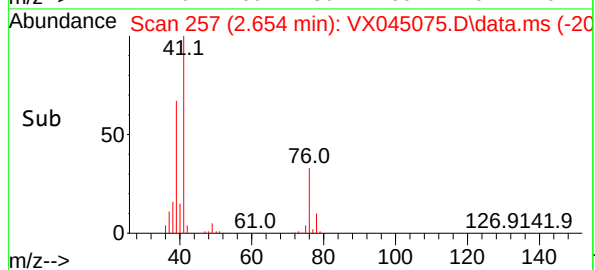
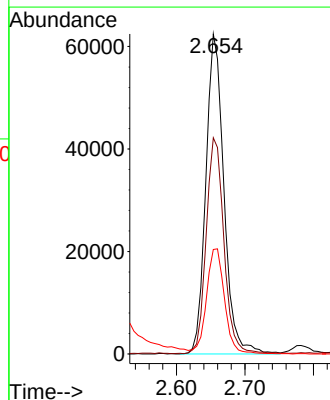
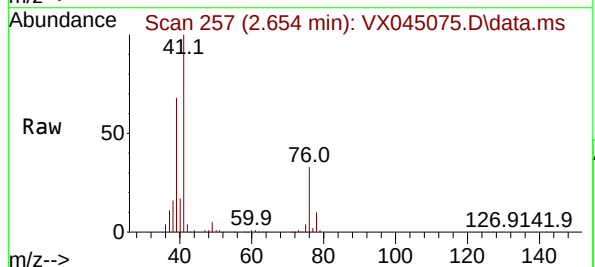
Manual Integrations
APPROVED

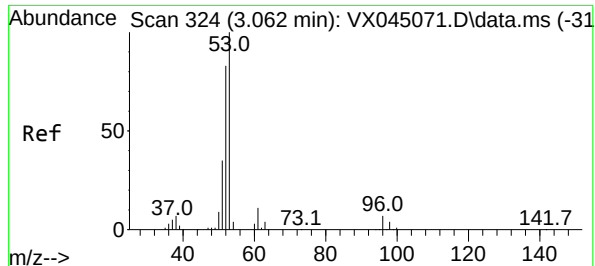
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#14
Allyl chloride
Concen: 51.691 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 41 Resp: 114875
Ion Ratio Lower Upper
41 100
39 66.3 53.8 80.8
76 33.0 25.2 37.8





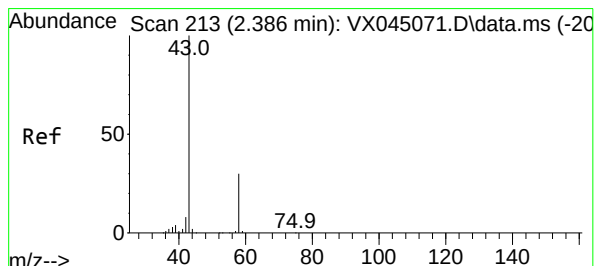
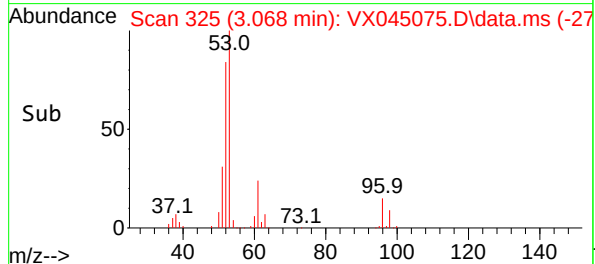
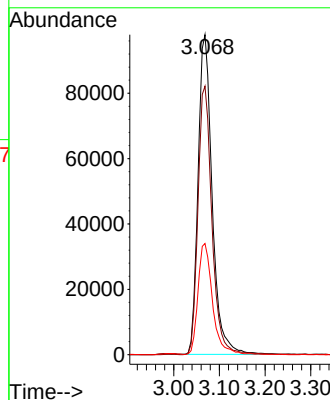
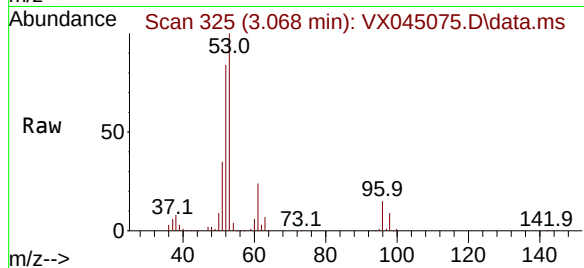
#15
Acrylonitrile
Concen: 255.479 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.8	66.2	99.2
51	35.8	29.0	43.4

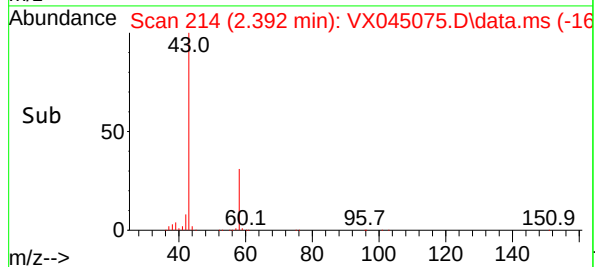
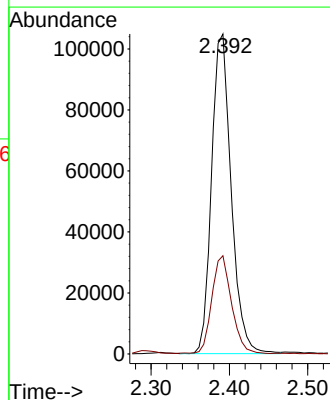
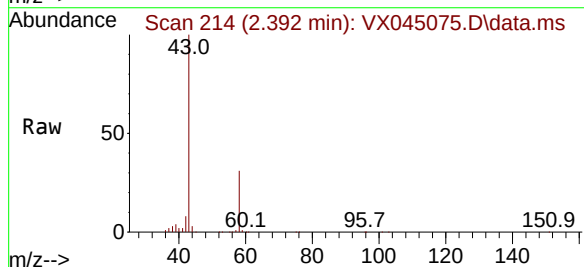
Manual Integrations
APPROVED

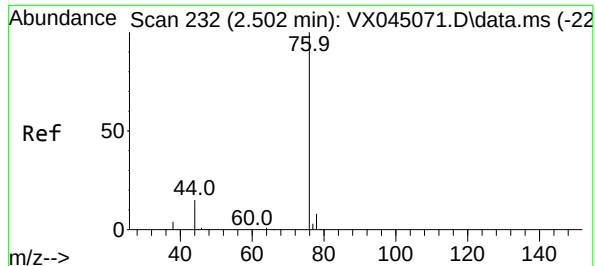
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#16
Acetone
Concen: 242.877 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.5	24.2	36.4





#17

Carbon Disulfide

Concen: 49.952 ug/l

RT: 2.501 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX045075.D

Acq: 28 Feb 2025 04:33

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022825

Tgt Ion: 76 Resp: 16610

Ion Ratio Lower Upper

76 100

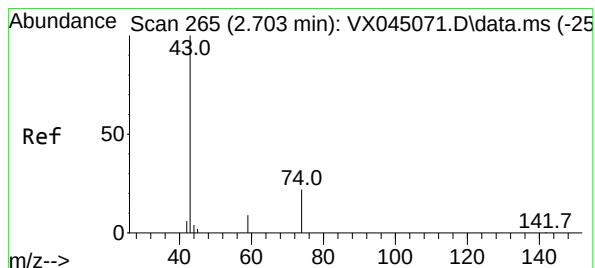
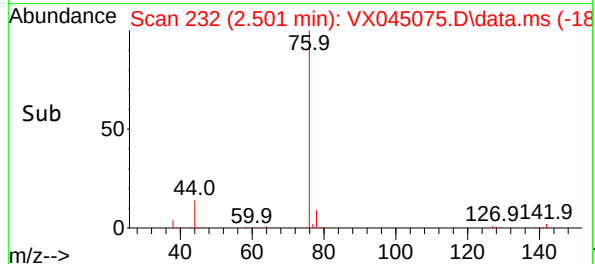
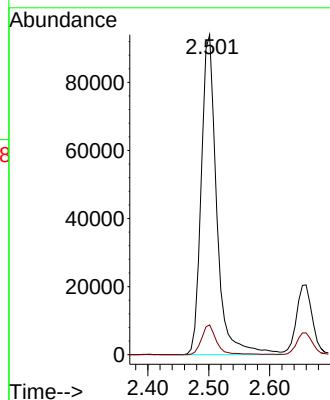
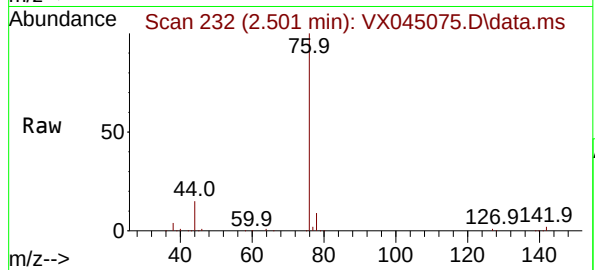
78 9.3 6.6 9.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#18

Methyl Acetate

Concen: 50.312 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.006 min

Lab File: VX045075.D

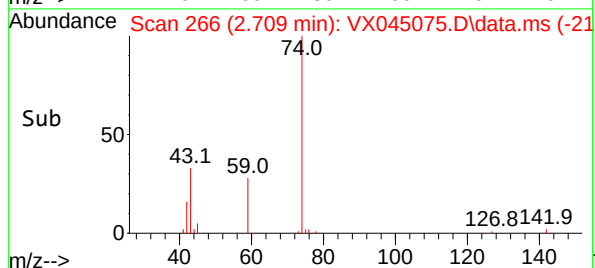
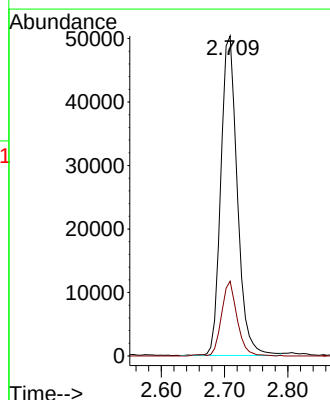
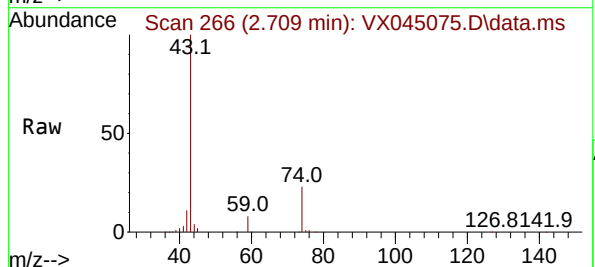
Acq: 28 Feb 2025 04:33

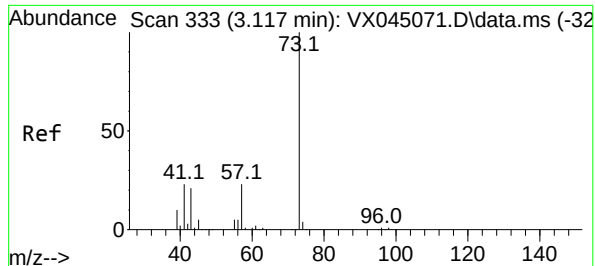
Tgt Ion: 43 Resp: 90756

Ion Ratio Lower Upper

43 100

74 22.1 17.4 26.2





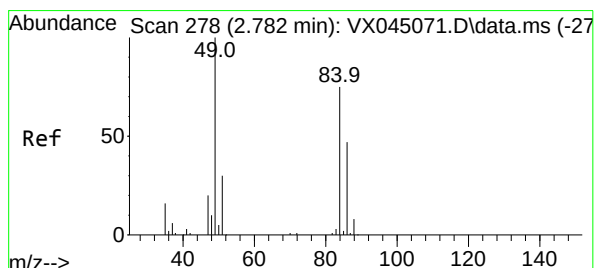
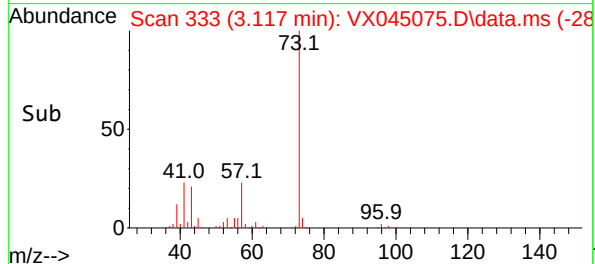
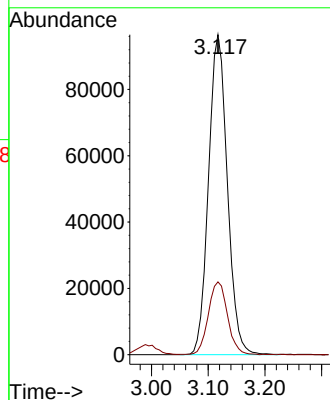
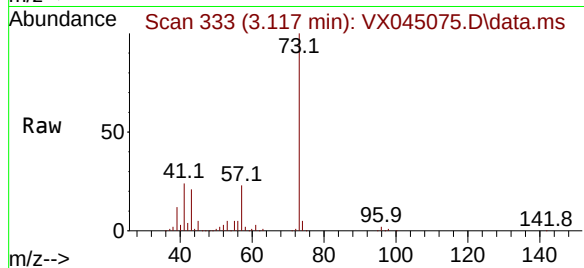
#19
Methyl tert-butyl Ether
Concen: 53.114 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion: 73 Resp: 222475
Ion Ratio Lower Upper
73 100
57 22.7 18.5 27.7

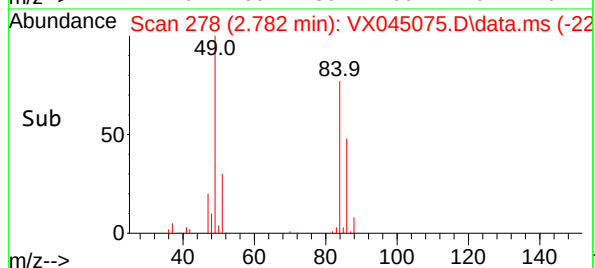
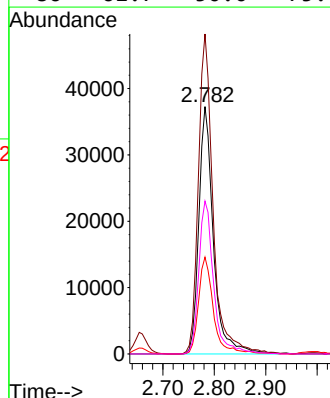
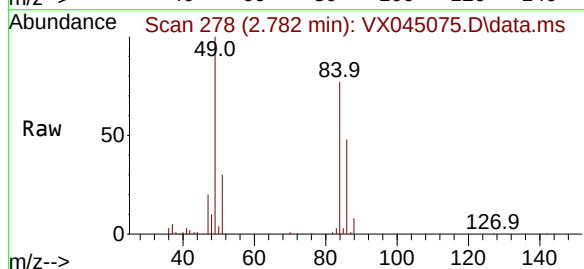
Manual Integrations
APPROVED

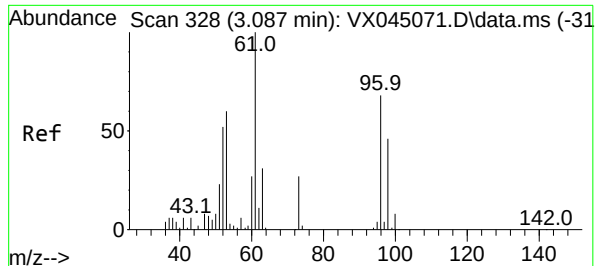
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#20
Methylene Chloride
Concen: 49.639 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 84 Resp: 73731
Ion Ratio Lower Upper
84 100
49 129.3 106.5 159.7
51 39.1 32.1 48.1
86 61.7 50.0 75.0





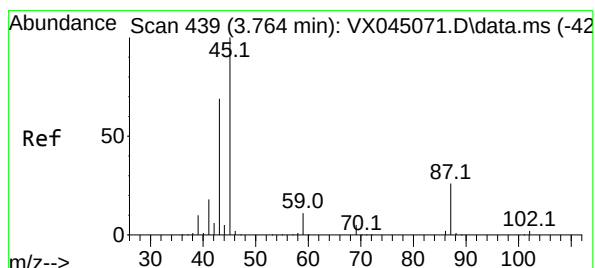
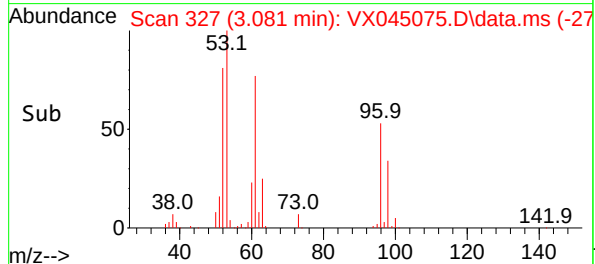
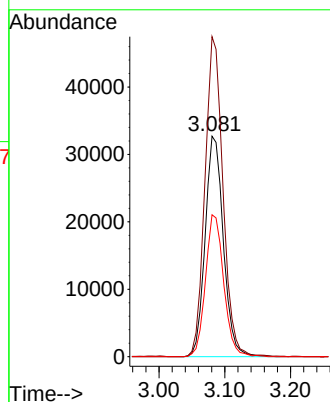
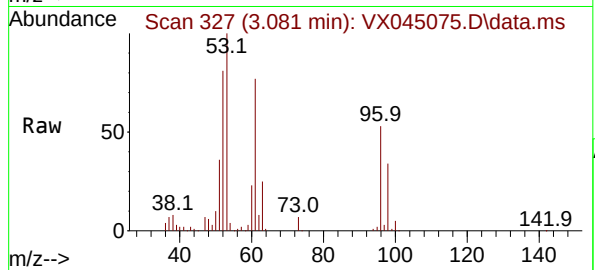
#21
trans-1,2-Dichloroethene
Concen: 51.172 ug/l
RT: 3.081 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion: 96 Resp: 6311
Ion Ratio Lower Upper
96 100
61 145.2 117.0 175.4
98 64.4 53.4 80.2

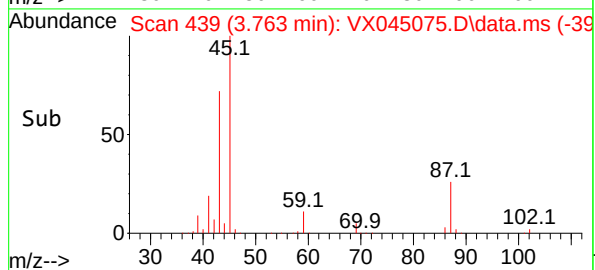
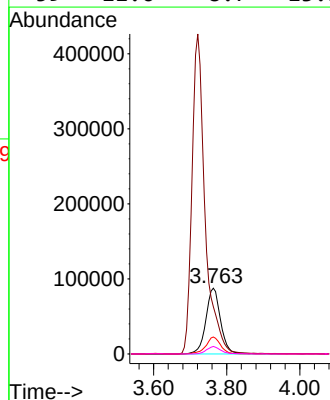
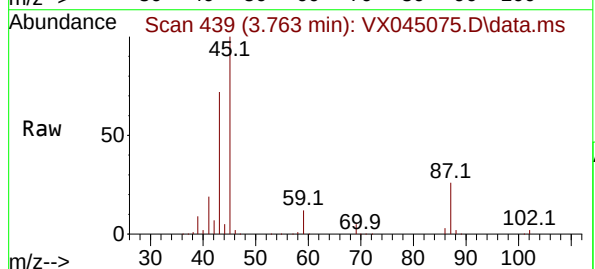
Manual Integrations
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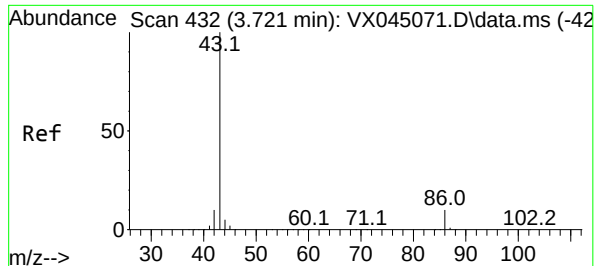
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#22
Diisopropyl ether
Concen: 53.955 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 45 Resp: 243860
Ion Ratio Lower Upper
45 100
43 71.9 54.9 82.3
87 25.8 21.0 31.4
59 11.6 8.7 13.1





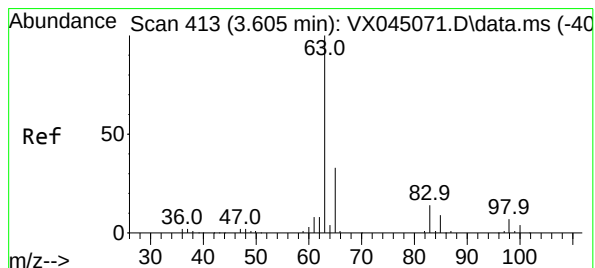
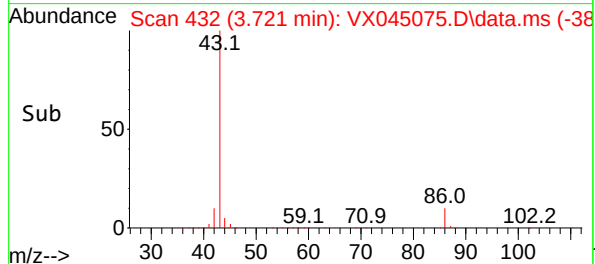
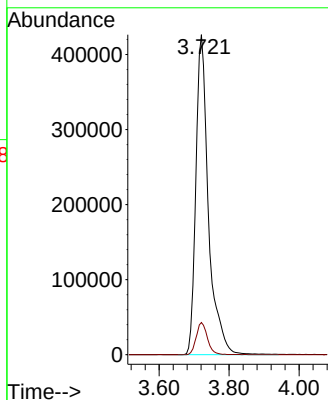
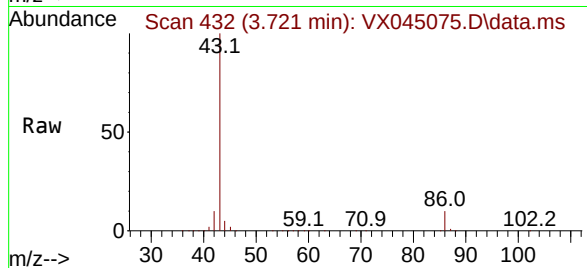
#23
Vinyl Acetate
Concen: 282.313 ug/l
RT: 3.721 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVX022825

Tgt Ion: 43 Resp: 106481
Ion Ratio Lower Upper
43 100
86 10.0 8.1 12.1

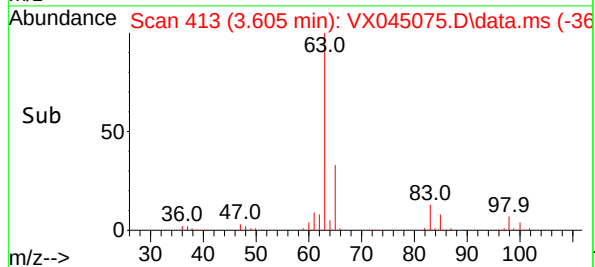
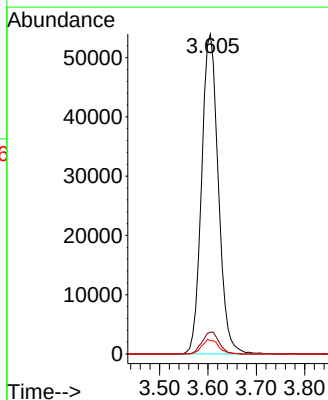
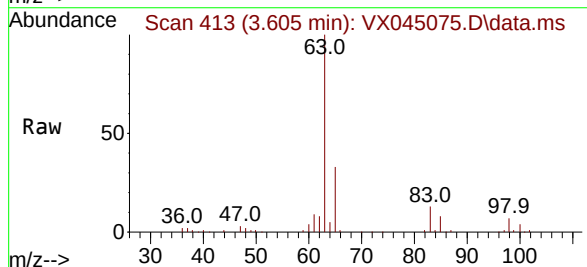
Manual Integrations
APPROVED

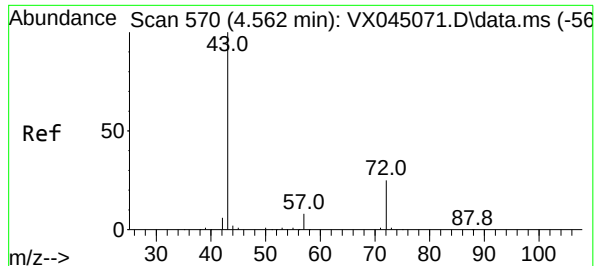
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#24
1,1-Dichloroethane
Concen: 51.190 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

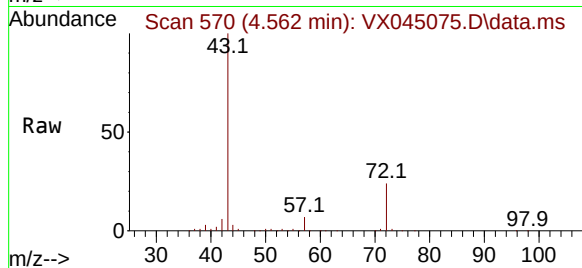
Tgt Ion: 63 Resp: 129666
Ion Ratio Lower Upper
63 100
98 6.8 3.4 10.2
100 4.1 2.1 6.5





#25
2-Butanone
Concen: 264.040 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

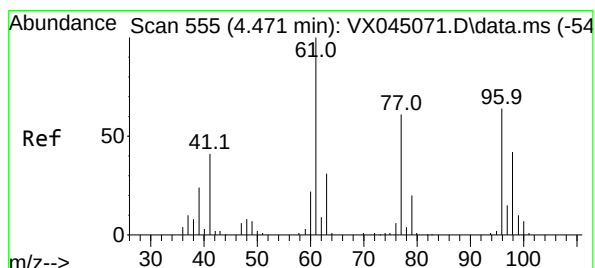
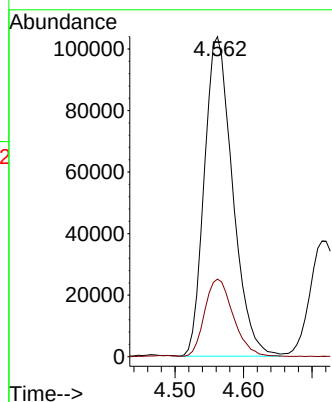
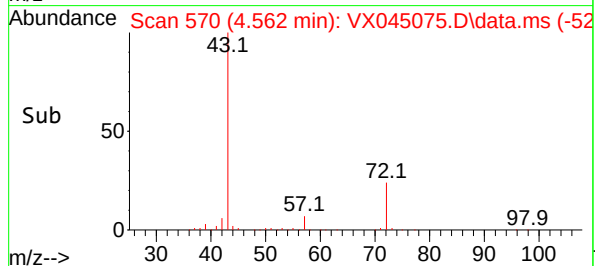
Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825



Tgt Ion: 43 Resp: 29802
Ion Ratio Lower Upper
43 100
72 24.1 20.0 30.0

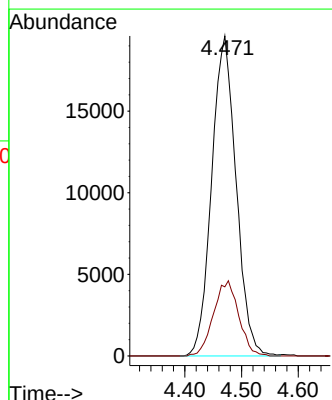
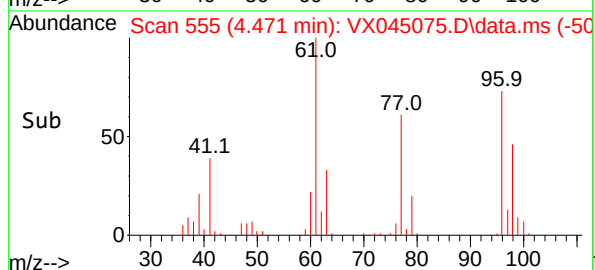
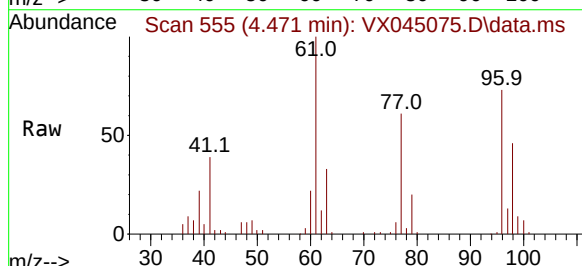
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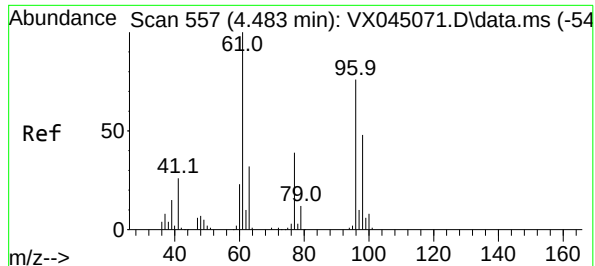
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#26
2,2-Dichloropropane
Concen: 49.401 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 77 Resp: 58694
Ion Ratio Lower Upper
77 100
97 24.2 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 51.606 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX045075.D

Acq: 28 Feb 2025 04:33

Instrument :

MSVOA_X

ClientSampleId :

ICVX022825

Tgt Ion: 96 Resp: 78570

Ion Ratio Lower Upper

96 100

61 141.2 0.0 283.2

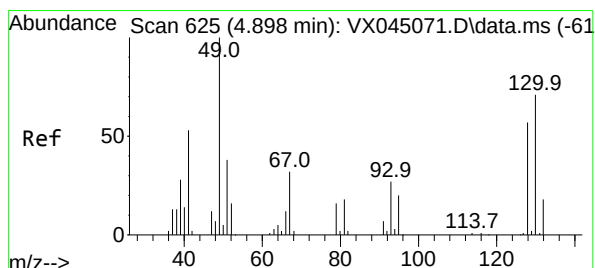
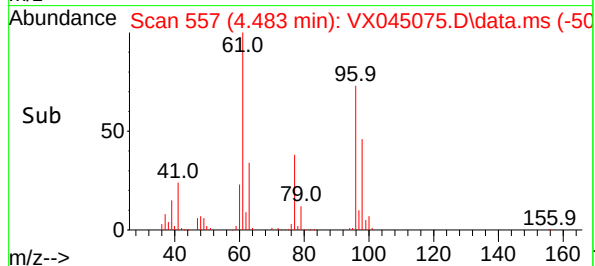
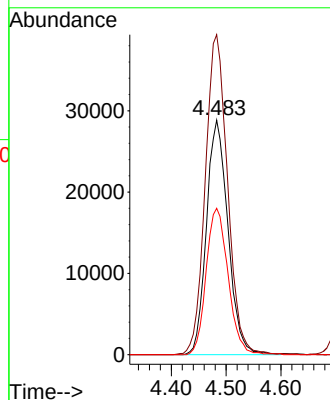
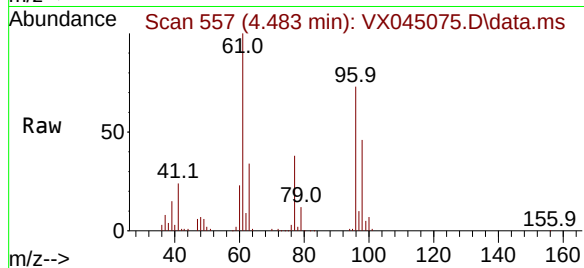
98 63.8 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#28

Bromochloromethane

Concen: 50.399 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX045075.D

Acq: 28 Feb 2025 04:33

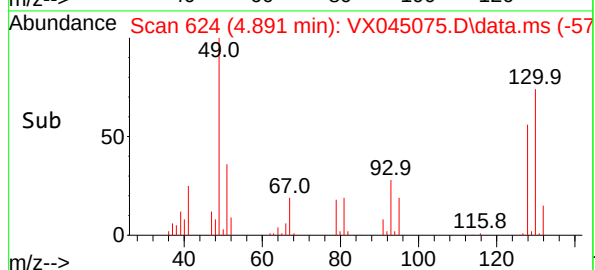
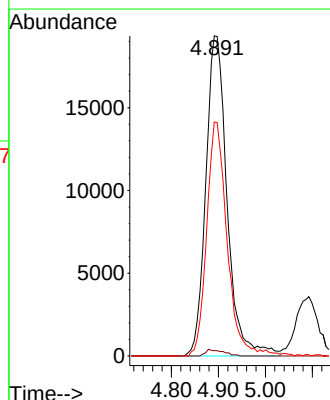
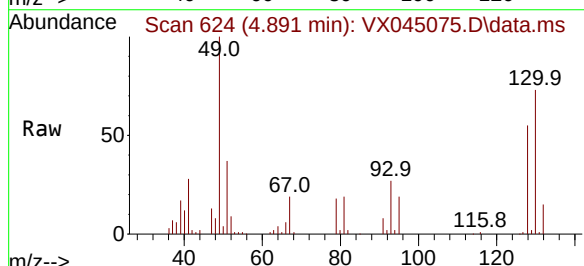
Tgt Ion: 49 Resp: 60849

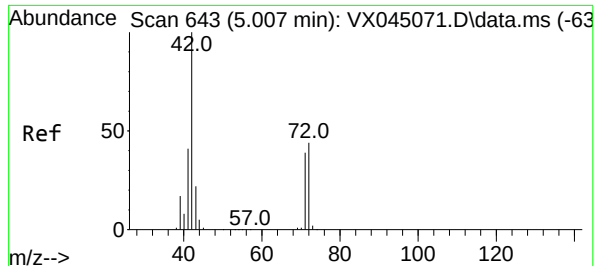
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.4

130 70.0 56.1 84.1





#29

Tetrahydrofuran

Concen: 258.277 ug/l

RT: 5.007 min Scan# 643

Delta R.T. -0.000 min

Lab File: VX045075.D

Acq: 28 Feb 2025 04:33

Instrument :

MSVOA_X

ClientSampleId :

ICVX022825

Tgt Ion: 42 Resp: 19576

Ion Ratio Lower Upper

42 100

72 42.0 34.1 51.1

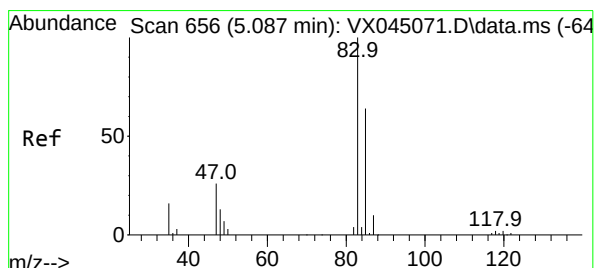
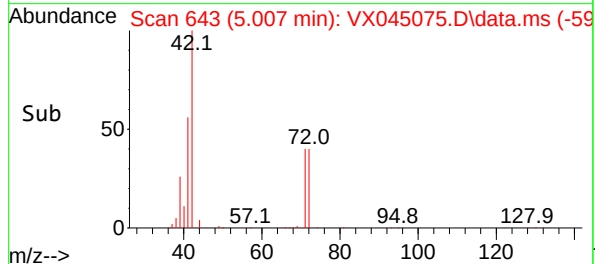
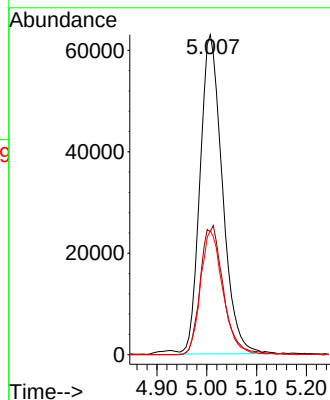
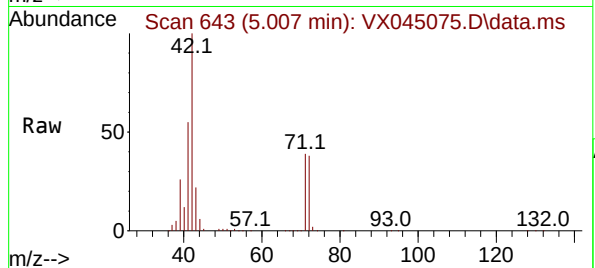
71 38.9 31.4 47.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#30

Chloroform

Concen: 50.236 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.000 min

Lab File: VX045075.D

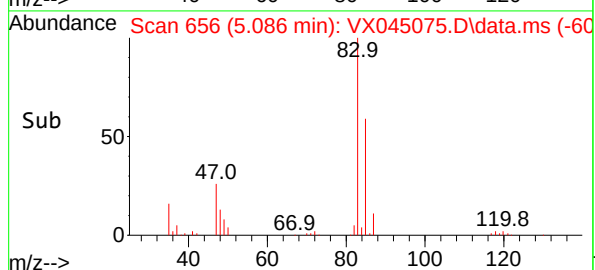
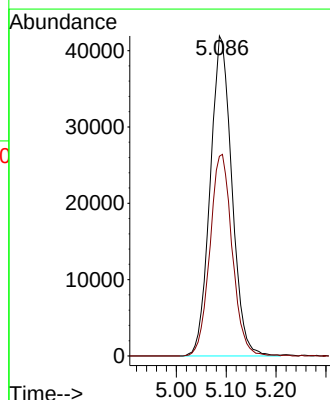
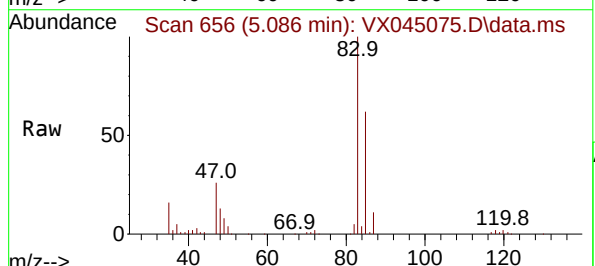
Acq: 28 Feb 2025 04:33

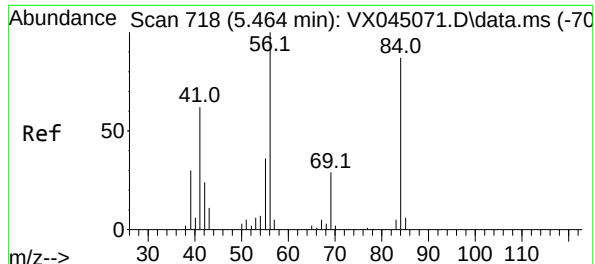
Tgt Ion: 83 Resp: 126437

Ion Ratio Lower Upper

83 100

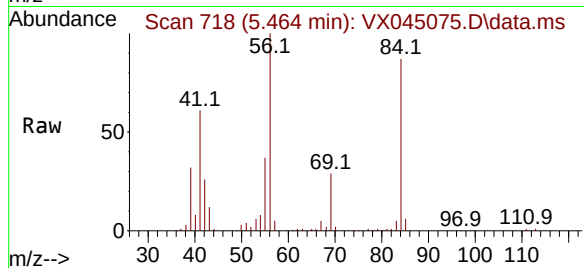
85 62.4 51.4 77.2





#31
Cyclohexane
Concen: 50.158 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

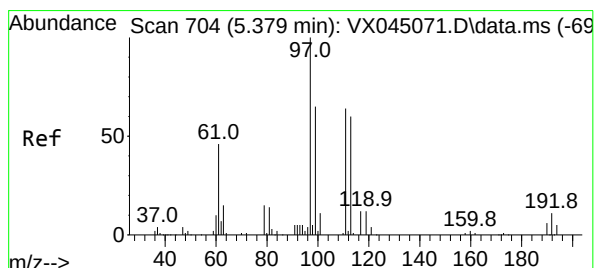
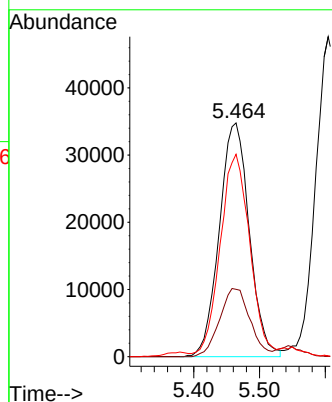
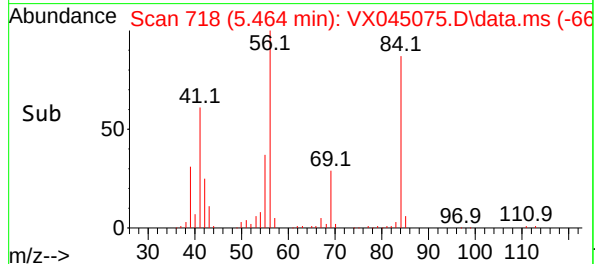
Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825



Tgt Ion: 56 Resp: 110288
Ion Ratio Lower Upper
56 100
69 28.8 23.4 35.2
84 84.6 69.4 104.2

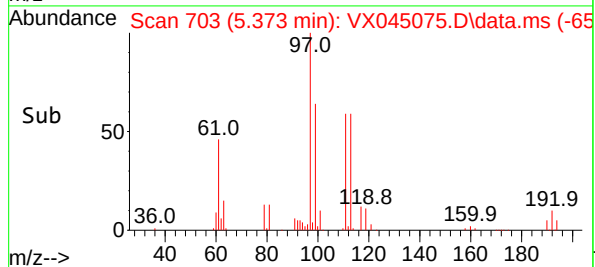
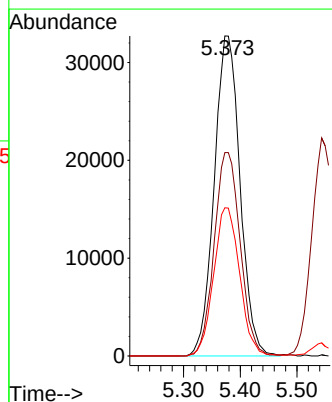
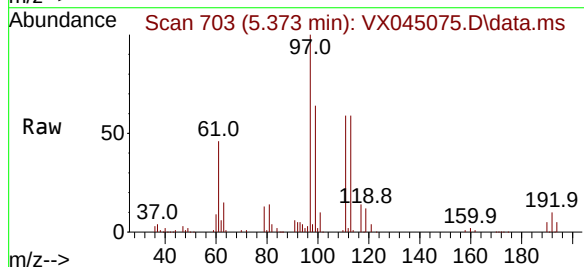
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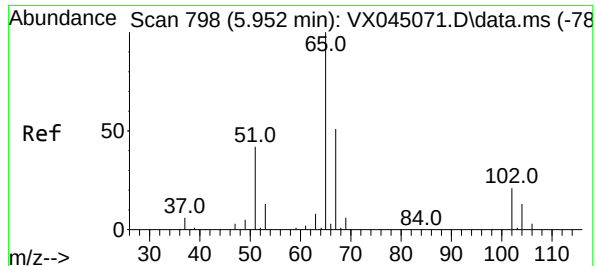
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#32
1,1,1-Trichloroethane
Concen: 50.939 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 97 Resp: 103546
Ion Ratio Lower Upper
97 100
99 64.0 51.6 77.4
61 46.7 38.4 57.6





#33

1,2-Dichloroethane-d4

Concen: 50.297 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045075.D

Acq: 28 Feb 2025 04:33

Instrument :

MSVOA_X

ClientSampleId :

ICVX022825

Tgt Ion: 65 Resp: 8128

Ion Ratio Lower Upper

65 100

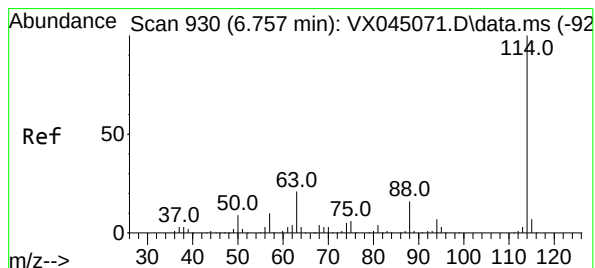
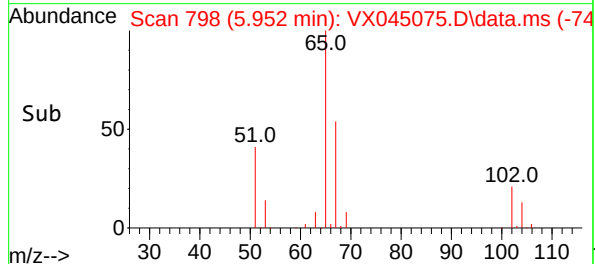
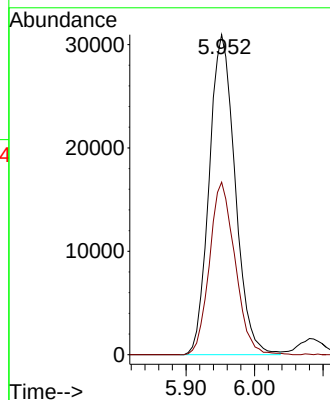
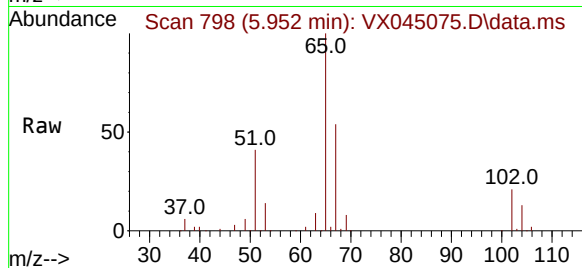
67 53.1 0.0 106.2

Manual Integrations

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Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045075.D

Acq: 28 Feb 2025 04:33

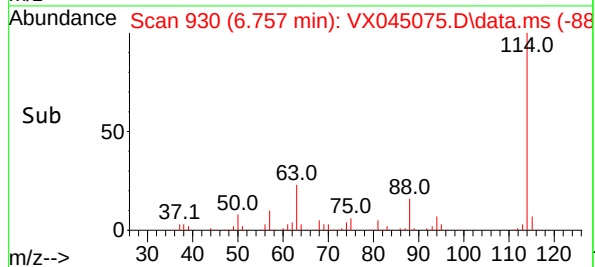
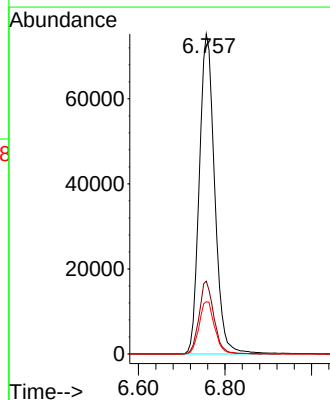
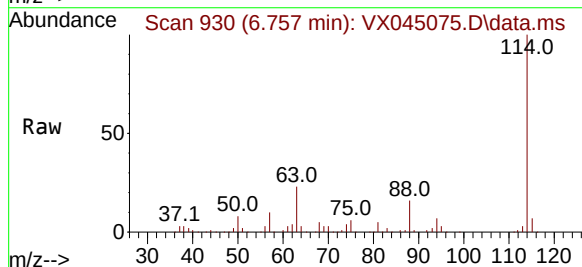
Tgt Ion:114 Resp: 184964

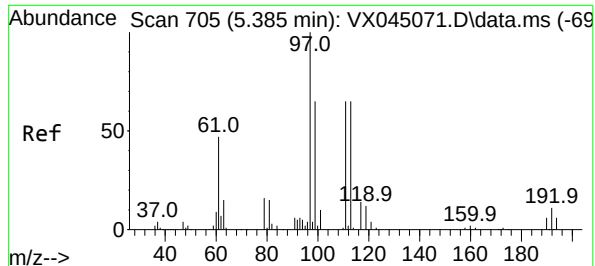
Ion Ratio Lower Upper

114 100

63 22.7 0.0 41.8

88 16.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.841 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX045075.D

Acq: 28 Feb 2025 04:33

Instrument :

MSVOA_X

ClientSampleId :

ICVX022825

Tgt Ion:113 Resp: 62880

Ion Ratio Lower Upper

113 100

111 102.6 81.8 122.6

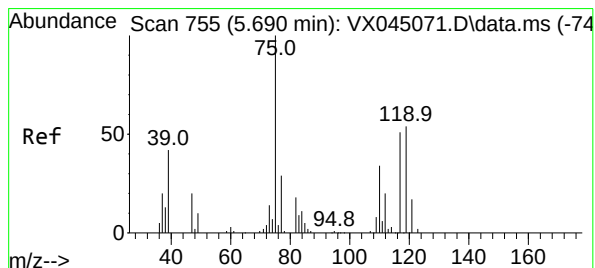
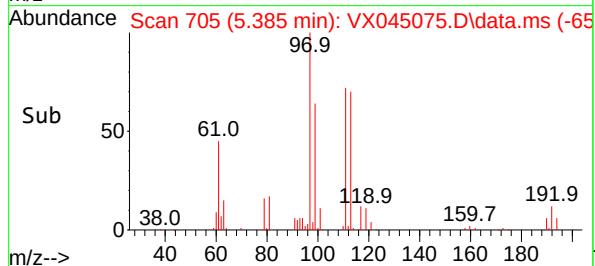
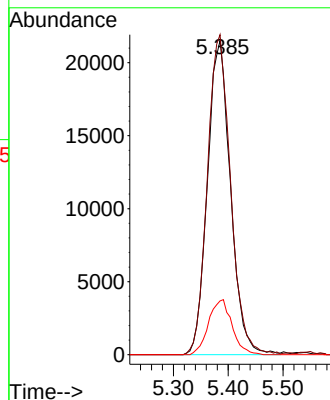
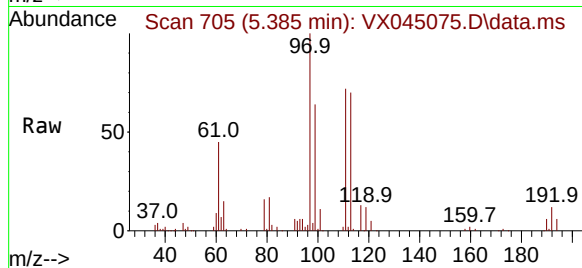
192 17.8 14.3 21.5

Manual Integrations

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Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#36

1,1-Dichloropropene

Concen: 48.770 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.006 min

Lab File: VX045075.D

Acq: 28 Feb 2025 04:33

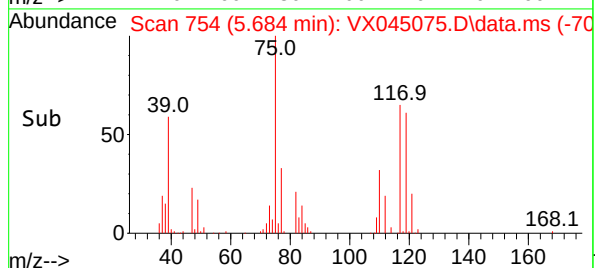
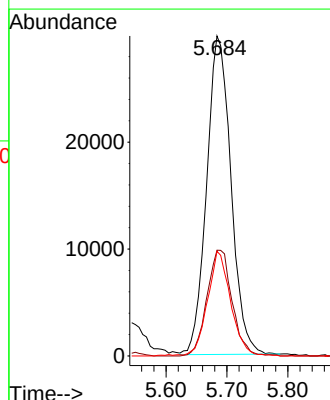
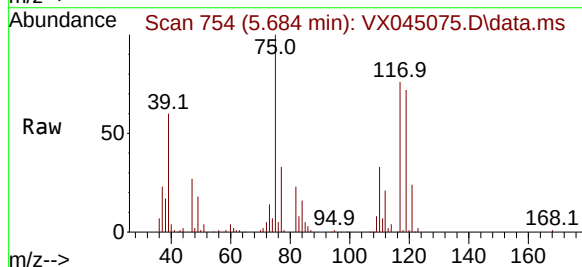
Tgt Ion: 75 Resp: 82722

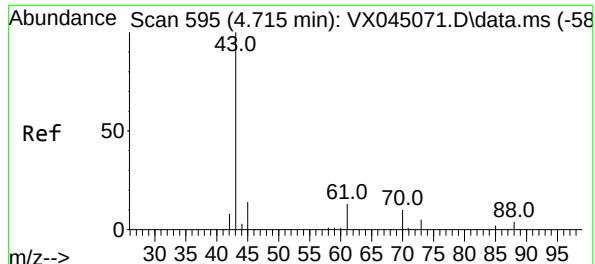
Ion Ratio Lower Upper

75 100

110 34.3 16.9 50.6

77 31.2 24.5 36.7





#37

Ethyl Acetate

Concen: 51.596 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX045075.D

Acq: 28 Feb 2025 04:33

Instrument :

MSVOA_X

ClientSampleId :

ICVX022825

Tgt Ion: 43 Resp: 112768

Ion Ratio Lower Upper

43 100

61 13.3 10.8 16.2

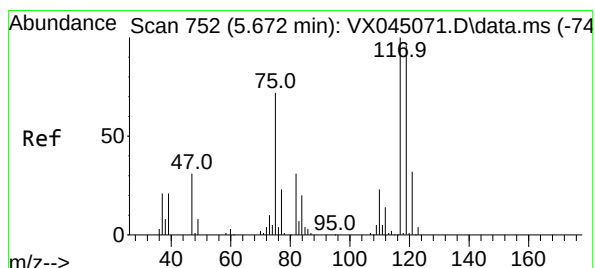
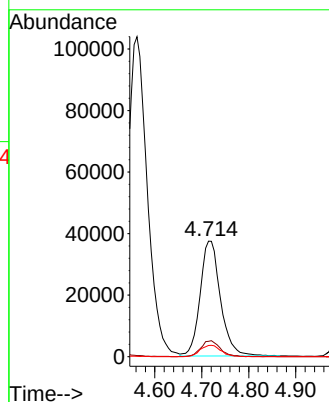
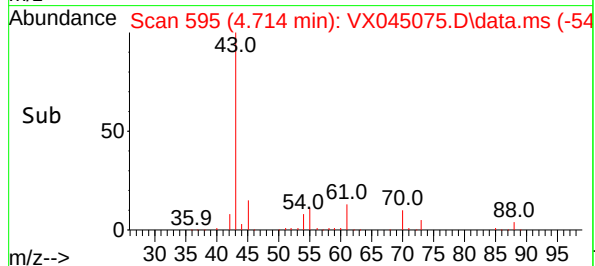
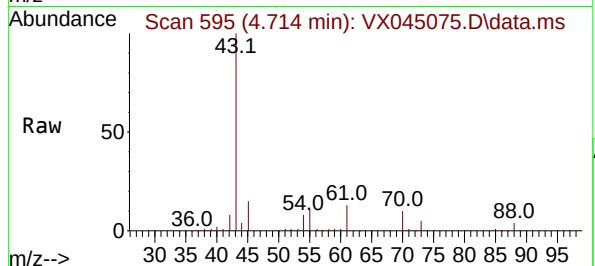
70 10.1 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#38

Carbon Tetrachloride

Concen: 49.425 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.000 min

Lab File: VX045075.D

Acq: 28 Feb 2025 04:33

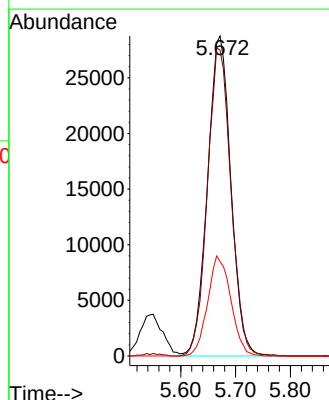
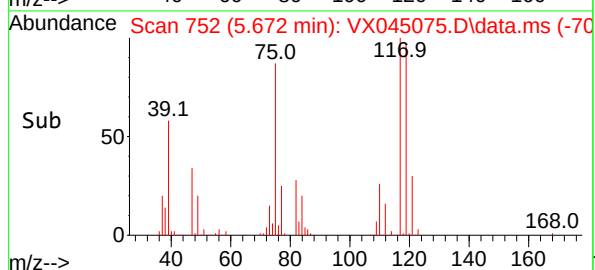
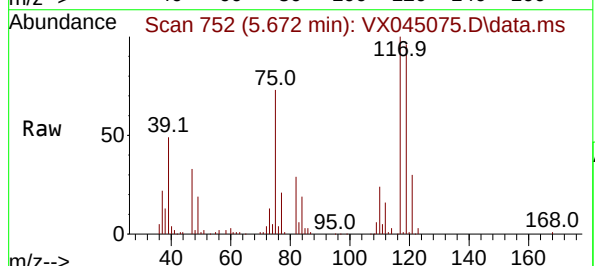
Tgt Ion:117 Resp: 85110

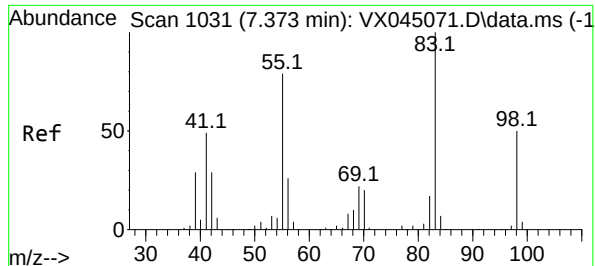
Ion Ratio Lower Upper

117 100

119 95.6 76.7 115.1

121 29.5 25.5 38.3





#39

Methylcyclohexane

Concen: 51.169 ug/l

RT: 7.372 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX045075.D

Acq: 28 Feb 2025 04:33

Instrument :

MSVOA_X

ClientSampleId :

ICVX022825

Tgt Ion: 83 Resp: 103990

Ion Ratio Lower Upper

83 100

55 80.7 63.0 94.4

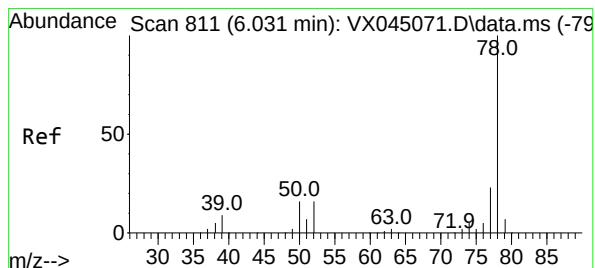
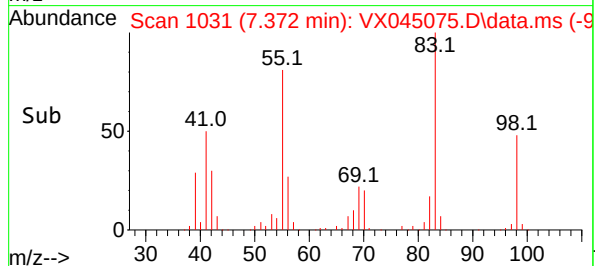
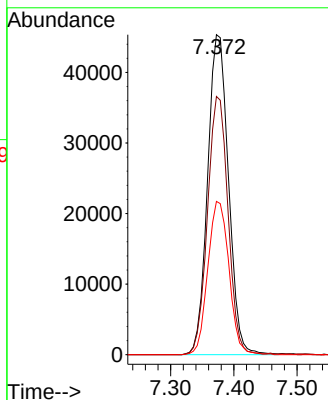
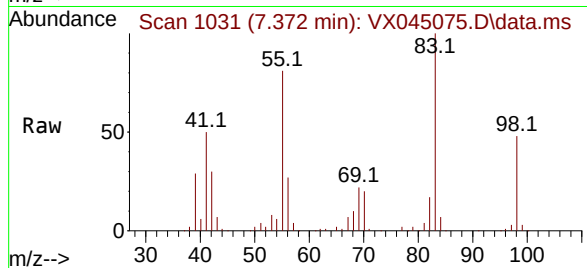
98 47.9 39.7 59.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#40

Benzene

Concen: 51.195 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.000 min

Lab File: VX045075.D

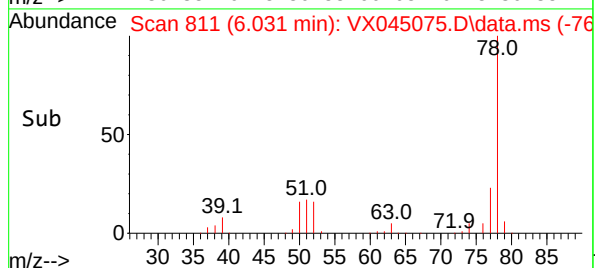
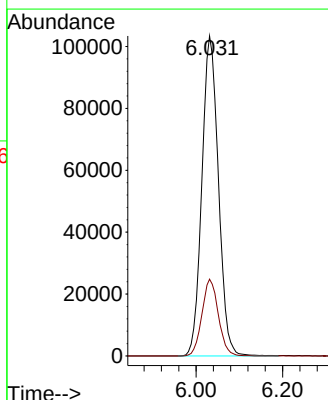
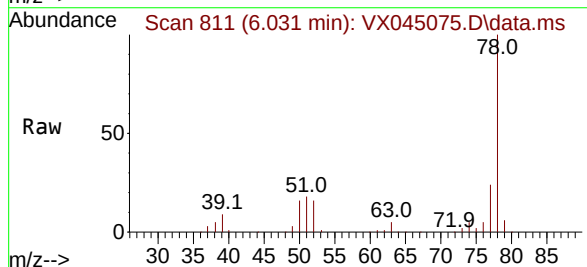
Acq: 28 Feb 2025 04:33

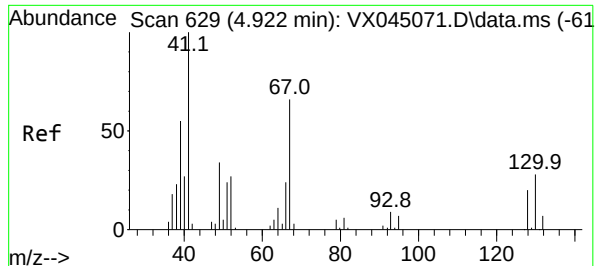
Tgt Ion: 78 Resp: 274206

Ion Ratio Lower Upper

78 100

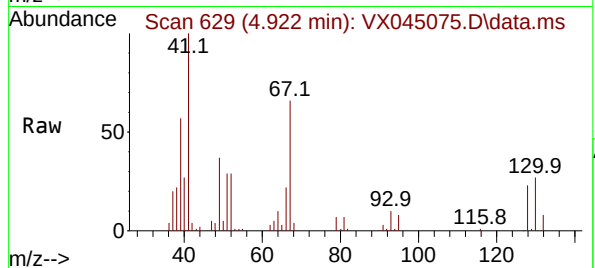
77 24.0 18.8 28.2





#41
Methacrylonitrile
Concen: 53.352 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

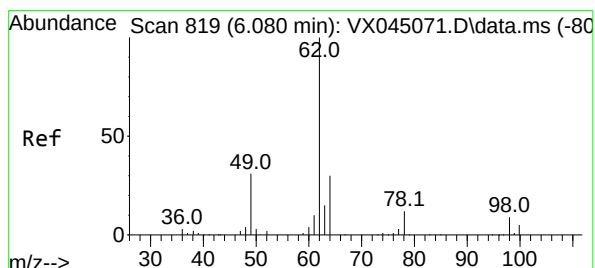
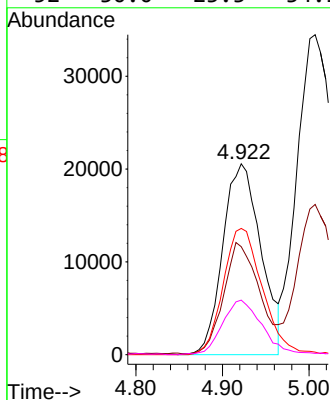
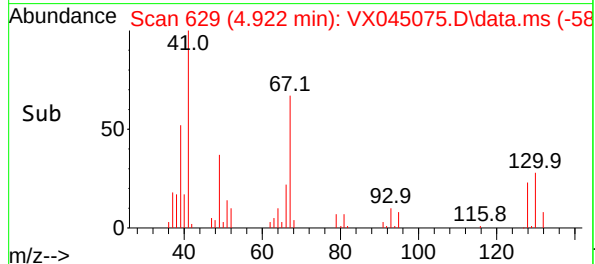
Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825



Tgt Ion: 41 Resp: 6305
Ion Ratio Lower Upper
41 100
39 55.0 44.6 67.0
67 68.1 53.9 80.9
52 30.0 23.3 34.9

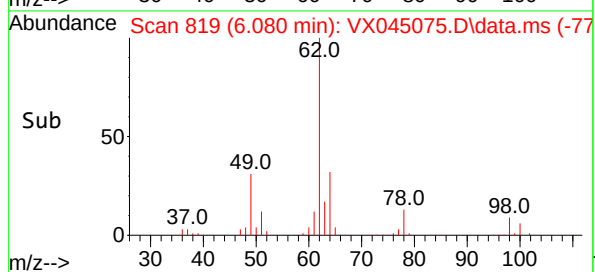
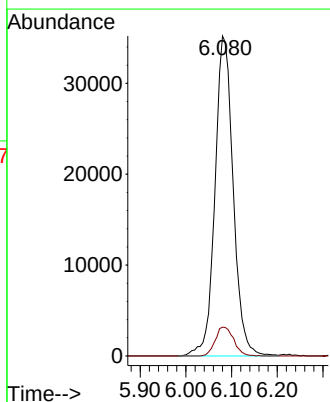
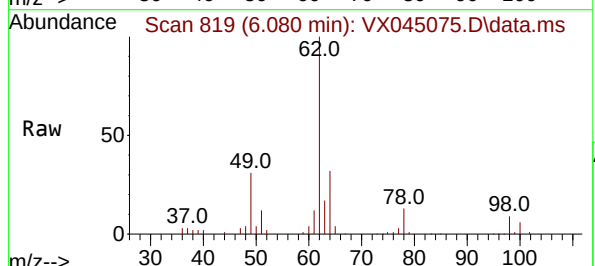
Manual Integrations
APPROVED

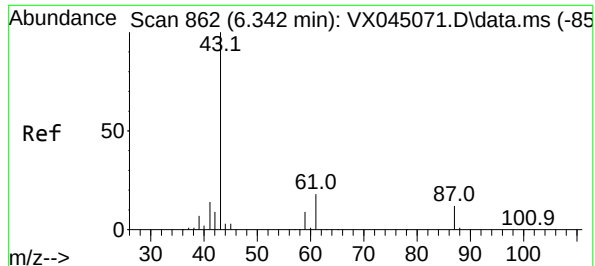
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#42
1,2-Dichloroethane
Concen: 50.718 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 62 Resp: 97821
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.2





#43

Isopropyl Acetate

Concen: 54.452 ug/l

RT: 6.342 min Scan# 80

Delta R.T. -0.000 min

Lab File: VX045075.D

Acq: 28 Feb 2025 04:33

Instrument :

MSVOA_X

ClientSampleId :

ICVX022825

Tgt Ion: 43 Resp: 17598

Ion Ratio Lower Upper

43

100

61

18.5

87

11.8

14.9

9.4

22.3

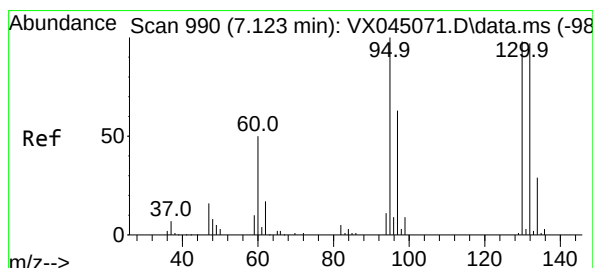
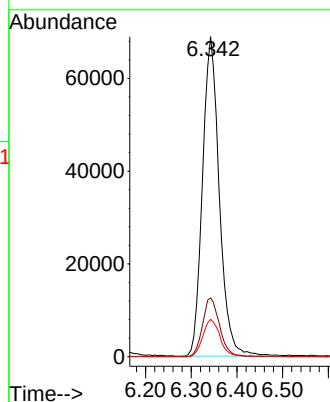
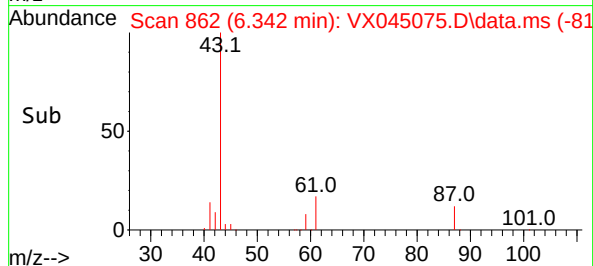
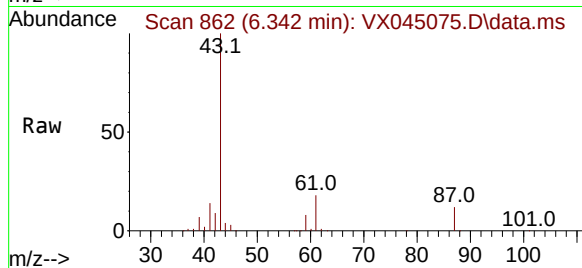
14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#44

Trichloroethene

Concen: 48.924 ug/l

RT: 7.122 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX045075.D

Acq: 28 Feb 2025 04:33

Tgt Ion:130 Resp: 61530

Ion Ratio Lower Upper

130

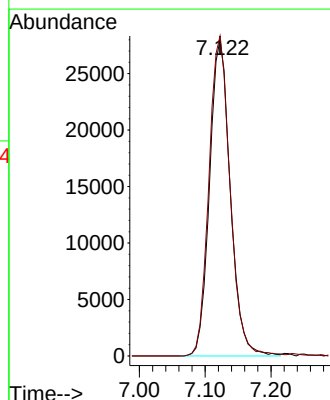
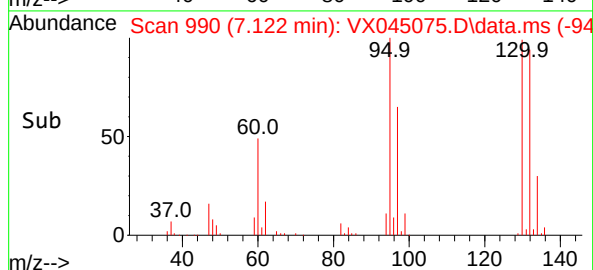
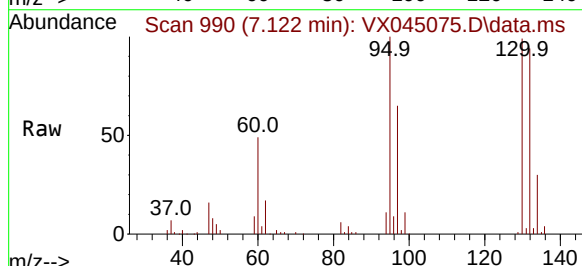
100

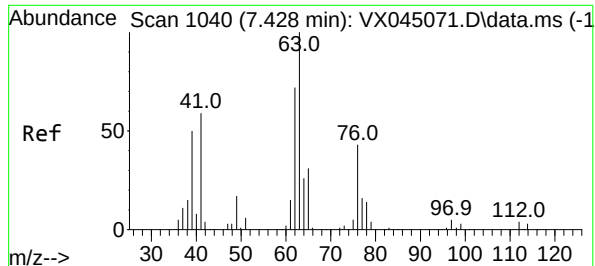
95

101.1

0.0

205.0





#45

1,2-Dichloropropane

Concen: 51.086 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX045075.D

Acq: 28 Feb 2025 04:33

Instrument :

MSVOA_X

ClientSampleId :

ICVX022825

Tgt Ion: 63 Resp: 70350

Ion Ratio Lower Upper

63 100

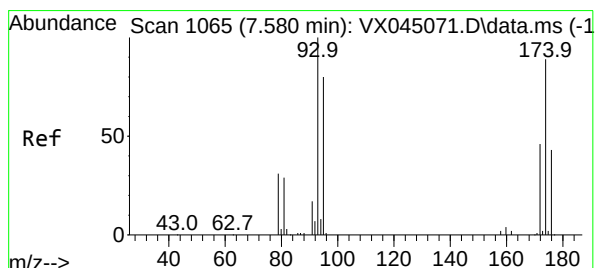
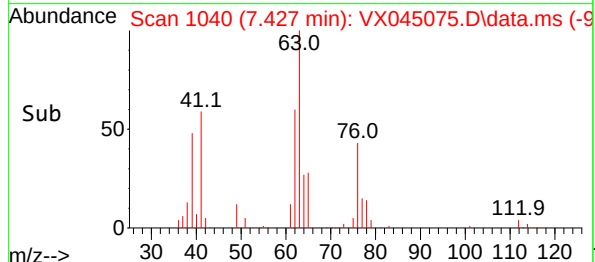
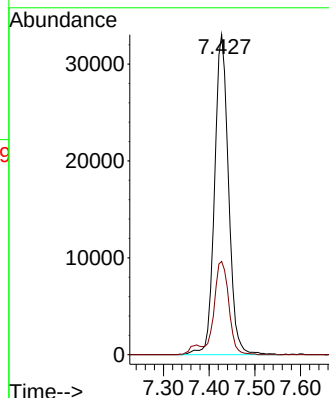
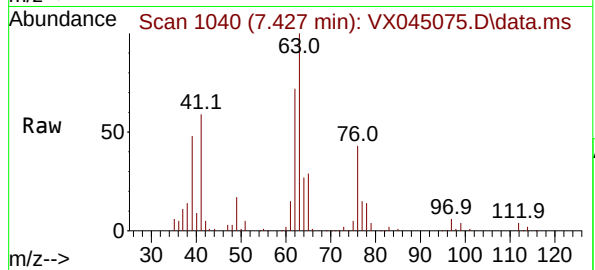
65 29.2 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#46

Dibromomethane

Concen: 51.661 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX045075.D

Acq: 28 Feb 2025 04:33

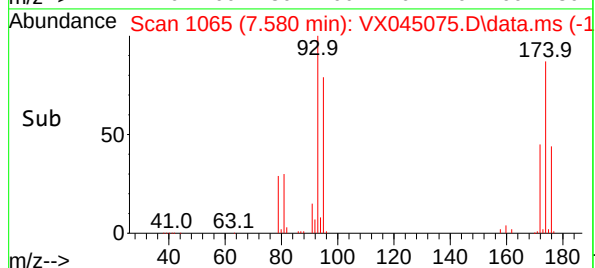
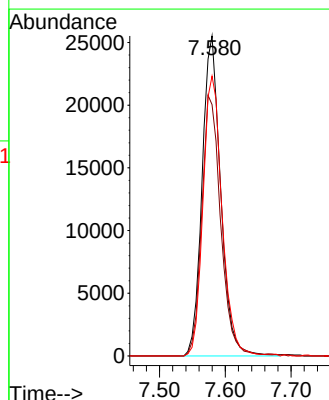
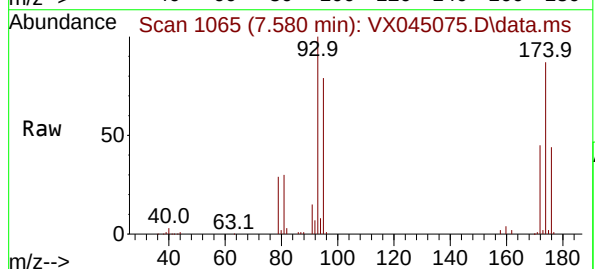
Tgt Ion: 93 Resp: 50284

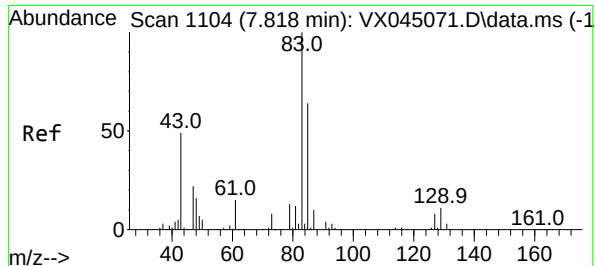
Ion Ratio Lower Upper

93 100

95 82.8 65.8 98.8

174 89.4 72.2 108.2





#47

Bromodichloromethane

Concen: 50.930 ug/l

RT: 7.817 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX045075.D

Acq: 28 Feb 2025 04:33

Instrument :

MSVOA_X

ClientSampleId :

ICVX022825

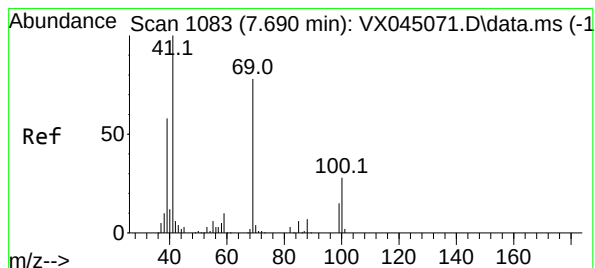
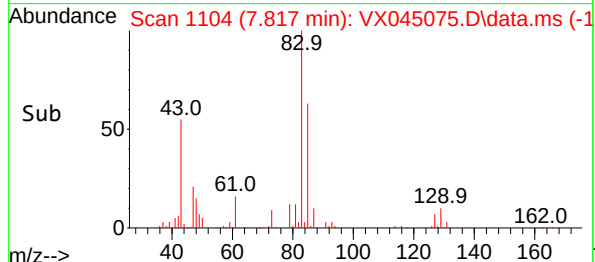
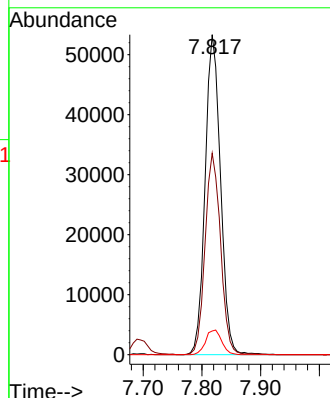
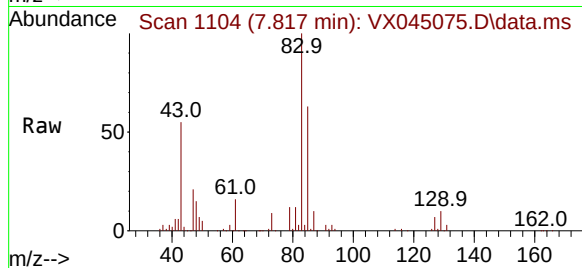
Tgt Ion: 83 Resp: 97230
Ion Ratio Lower Upper
83 100
85 63.0 51.1 76.7
127 7.4 6.4 9.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#48

Methyl methacrylate

Concen: 54.016 ug/l

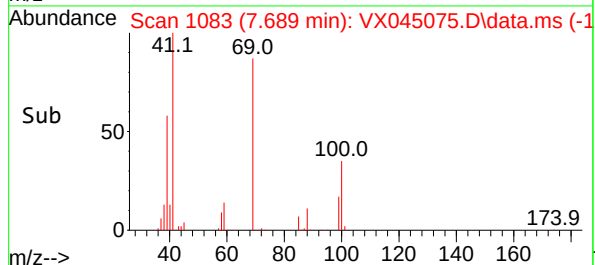
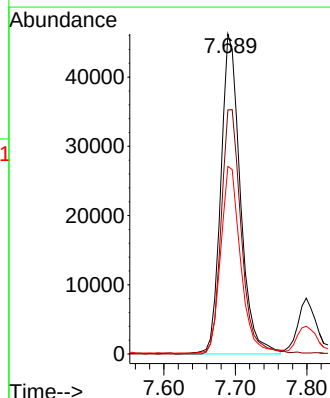
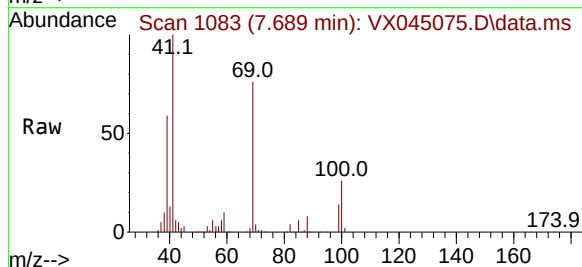
RT: 7.689 min Scan# 1083

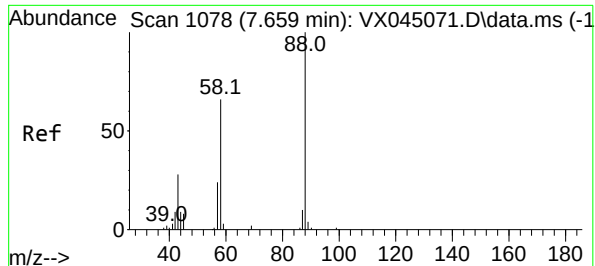
Delta R.T. -0.000 min

Lab File: VX045075.D

Acq: 28 Feb 2025 04:33

Tgt Ion: 41 Resp: 87582
Ion Ratio Lower Upper
41 100
69 78.5 63.0 94.6
39 59.4 47.5 71.3





#49

1,4-Dioxane

Concen: 1049.007 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX045075.D

Acq: 28 Feb 2025 04:33

Instrument :

MSVOA_X

ClientSampleId :

ICVX022825

Tgt Ion: 88 Resp: 35878

Ion Ratio Lower Upper

88 100

43 34.3 28.7 43.1

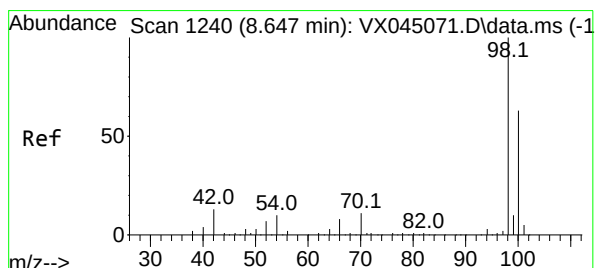
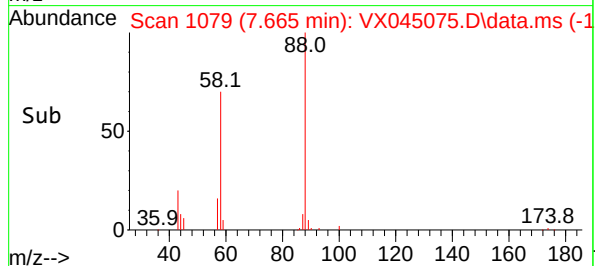
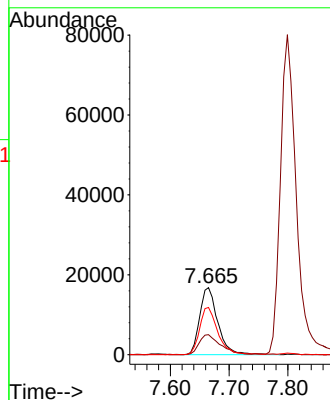
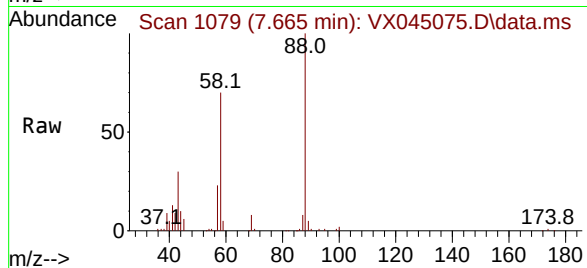
58 70.8 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#50

Toluene-d8

Concen: 50.364 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX045075.D

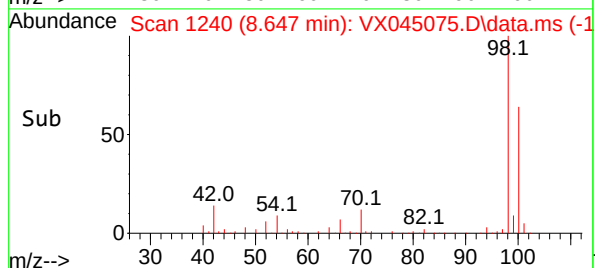
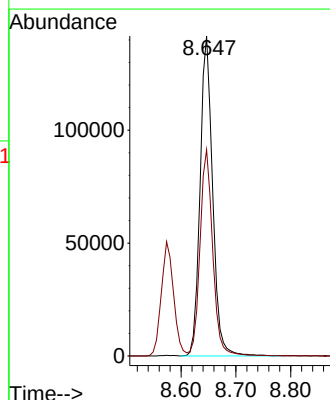
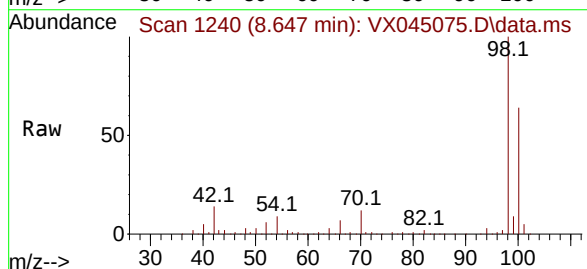
Acq: 28 Feb 2025 04:33

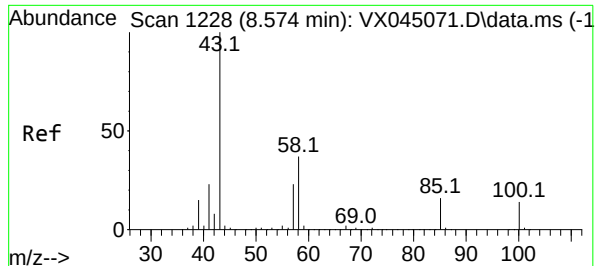
Tgt Ion: 98 Resp: 225823

Ion Ratio Lower Upper

98 100

100 65.6 52.0 78.0





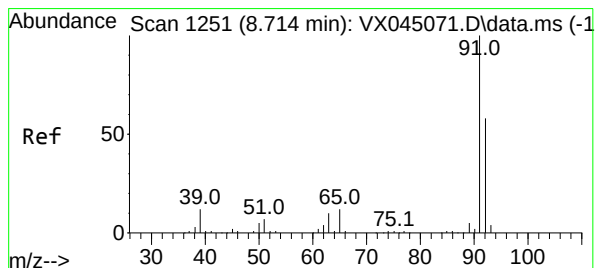
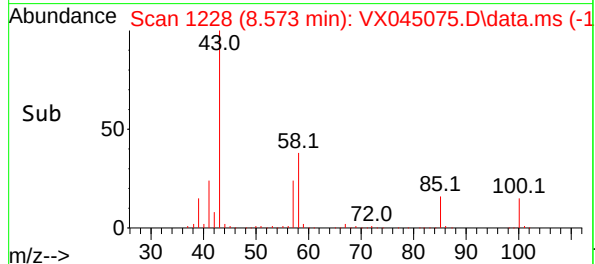
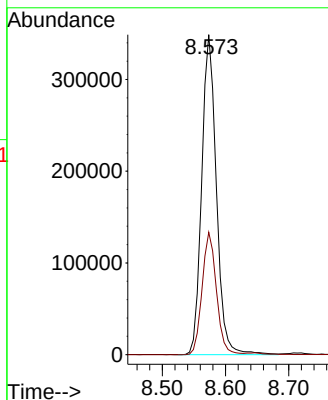
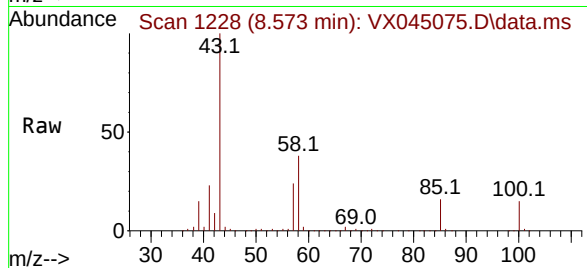
#51
4-Methyl-2-Pentanone
Concen: 259.995 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion: 43 Resp: 56419
Ion Ratio Lower Upper
43 100
58 37.3 29.2 43.8

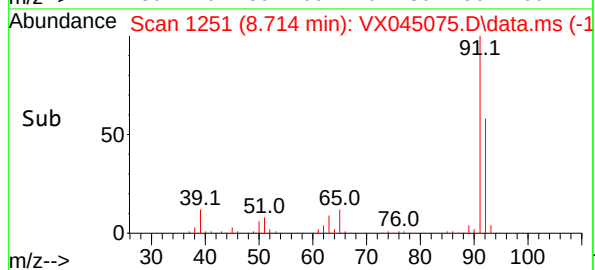
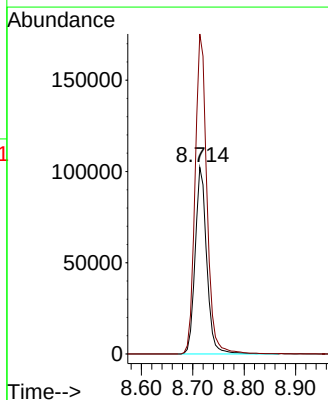
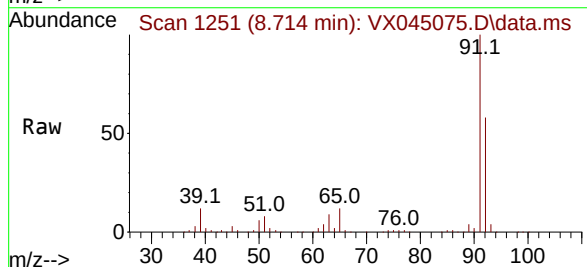
Manual Integrations
APPROVED

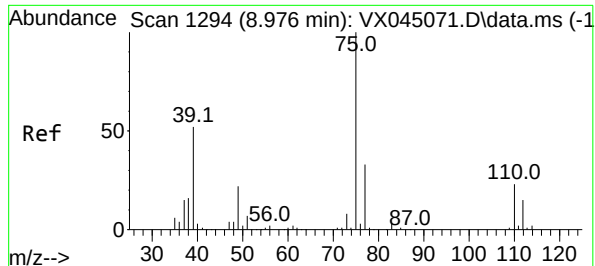
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#52
Toluene
Concen: 51.020 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 92 Resp: 160331
Ion Ratio Lower Upper
92 100
91 175.1 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 54.247 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX045075.D

Acq: 28 Feb 2025 04:33

Instrument :

MSVOA_X

ClientSampleId :

ICVX022825

Tgt Ion: 75 Resp: 86584

Ion Ratio Lower Upper

75 100

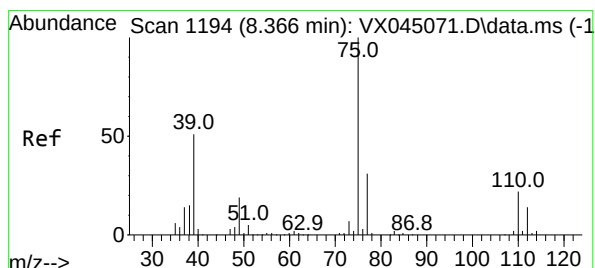
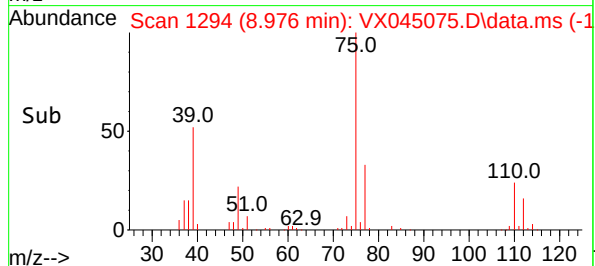
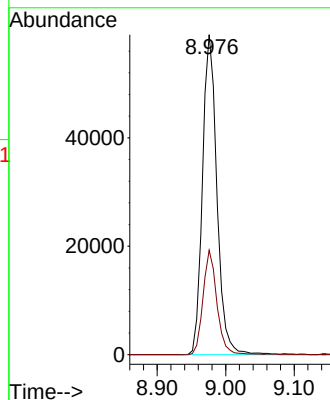
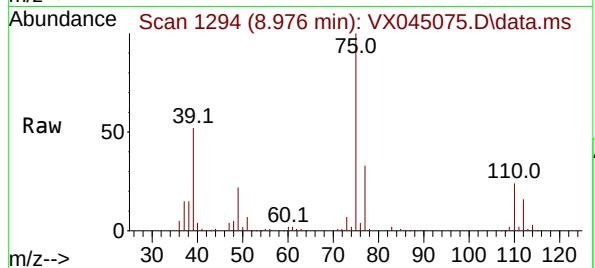
77 32.7 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#54

cis-1,3-Dichloropropene

Concen: 52.732 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX045075.D

Acq: 28 Feb 2025 04:33

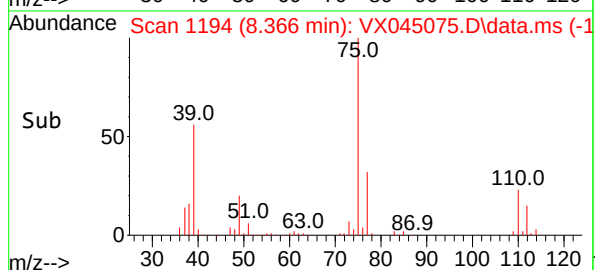
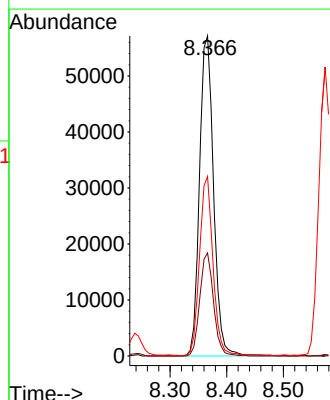
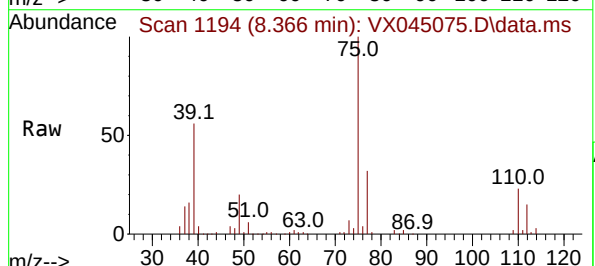
Tgt Ion: 75 Resp: 98146

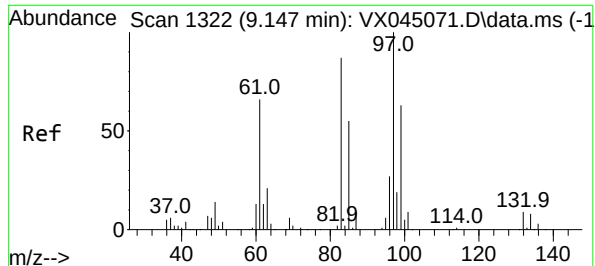
Ion Ratio Lower Upper

75 100

77 32.2 24.7 37.1

39 56.0 40.7 61.1





#55

1,1,2-Trichloroethane

Concen: 50.232 ug/l

RT: 9.146 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VX045075.D

Acq: 28 Feb 2025 04:33

Instrument :

MSVOA_X

ClientSampleId :

ICVX022825

Tgt Ion: 97 Resp: 6498

Ion Ratio Lower Upper

97 100

83 87.8 69.4 104.2

85 55.6 44.1 66.1

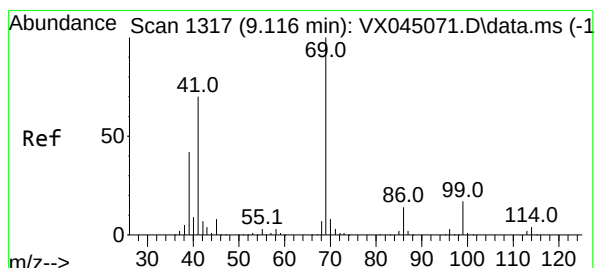
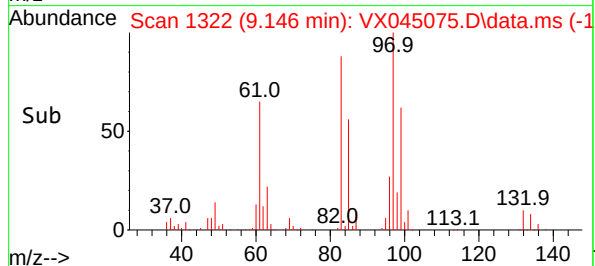
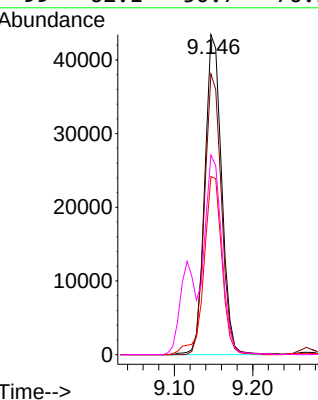
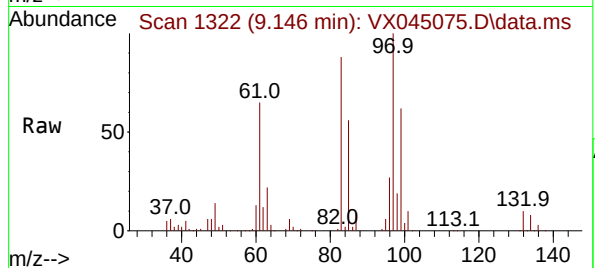
99 62.1 50.7 76.1

Manual Integrations

APPROVED

Reviewed By :John Carbone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#56

Ethyl methacrylate

Concen: 54.109 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX045075.D

Acq: 28 Feb 2025 04:33

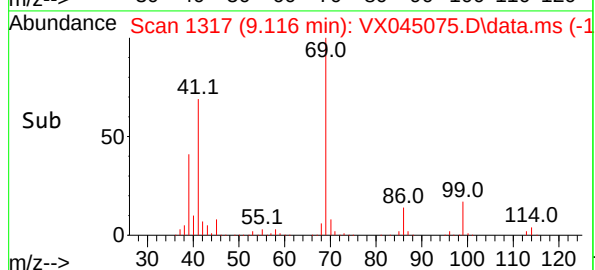
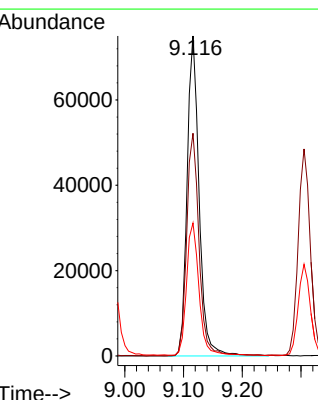
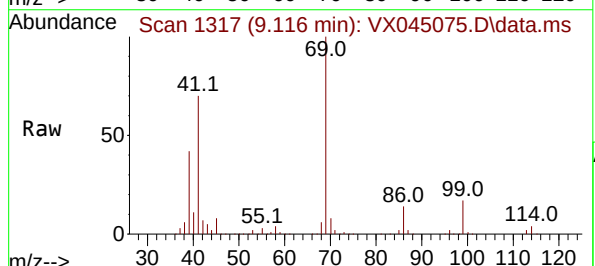
Tgt Ion: 69 Resp: 106405

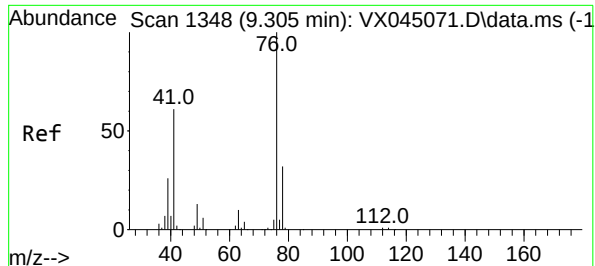
Ion Ratio Lower Upper

69 100

41 71.5 57.0 85.4

39 43.2 34.2 51.4





#57

1,3-Dichloropropane

Concen: 51.312 ug/l

RT: 9.305 min Scan# 11488

Delta R.T. -0.000 min

Lab File: VX045075.D

Acq: 28 Feb 2025 04:33

Instrument :

MSVOA_X

ClientSampleId :

ICVX022825

Tgt Ion: 76 Resp: 11488

Ion Ratio Lower Upper

76 100

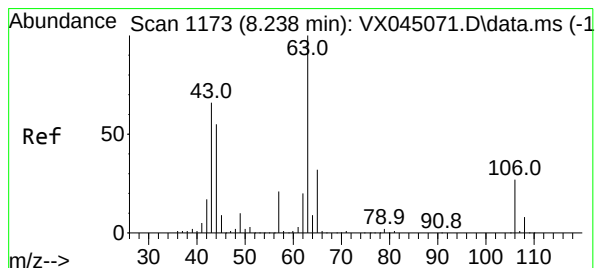
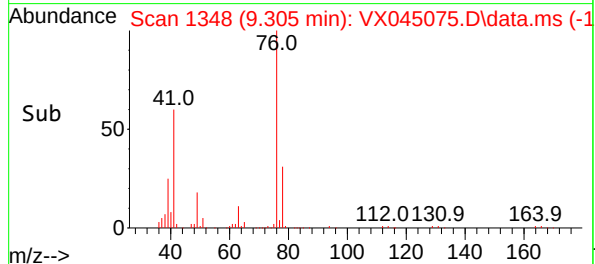
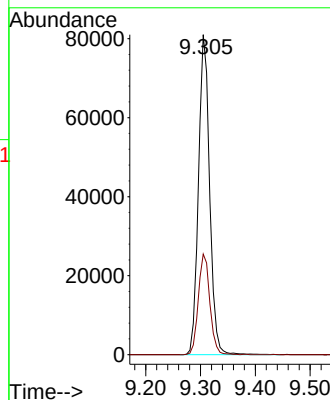
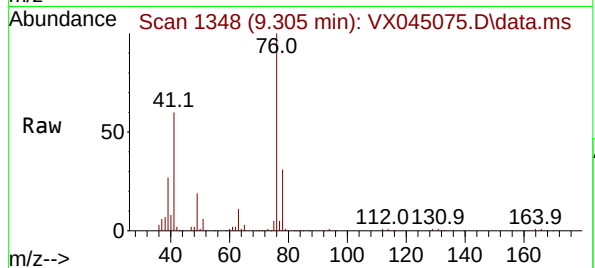
78 32.5 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#58

2-Chloroethyl Vinyl ether

Concen: 275.557 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045075.D

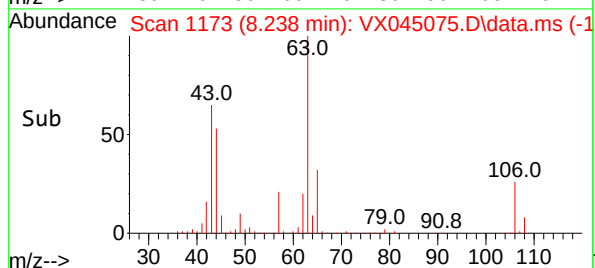
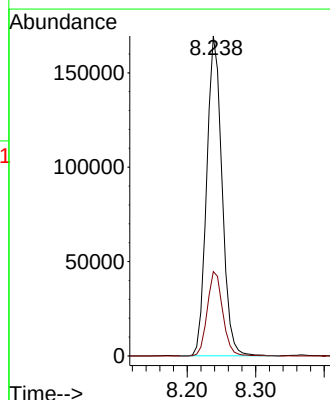
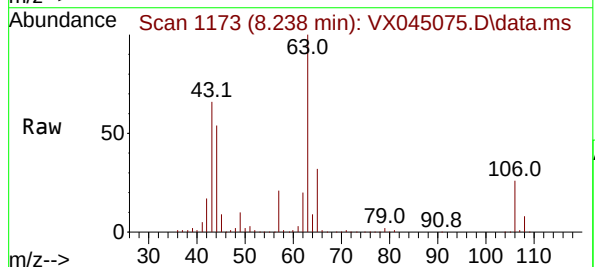
Acq: 28 Feb 2025 04:33

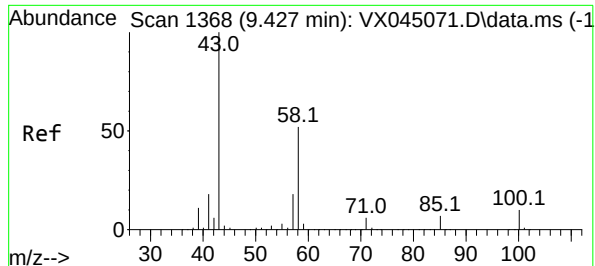
Tgt Ion: 63 Resp: 264335

Ion Ratio Lower Upper

63 100

106 26.5 21.5 32.3





#59

2-Hexanone

Concen: 265.049 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX045075.D

Acq: 28 Feb 2025 04:33

Instrument :

MSVOA_X

ClientSampleId :

ICVX022825

Tgt Ion: 43 Resp: 41673

Ion Ratio Lower Upper

43 100

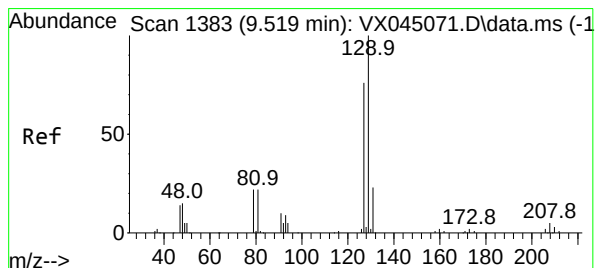
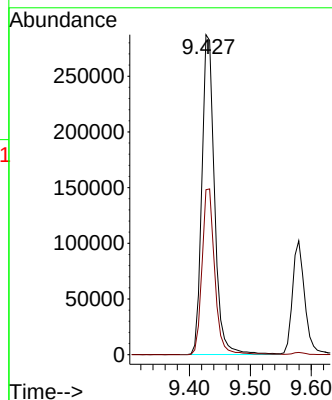
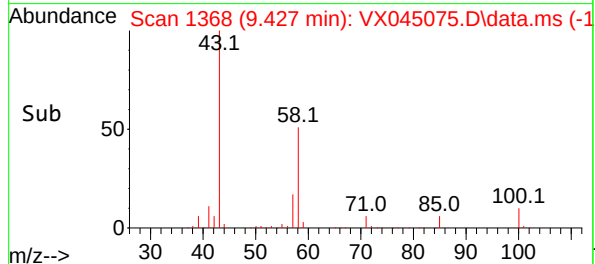
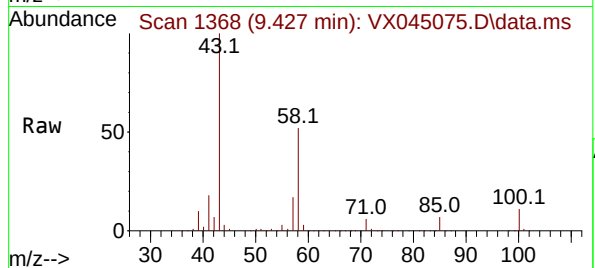
58 52.2 25.9 77.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#60

Dibromochloromethane

Concen: 51.374 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX045075.D

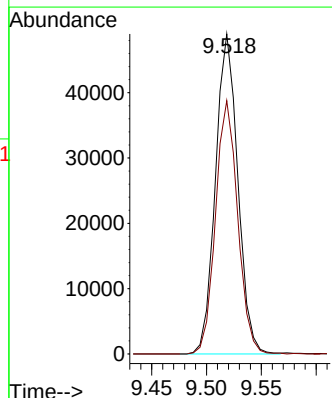
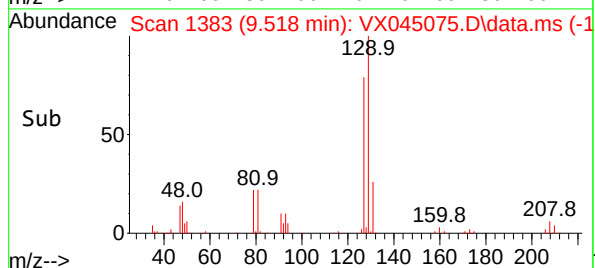
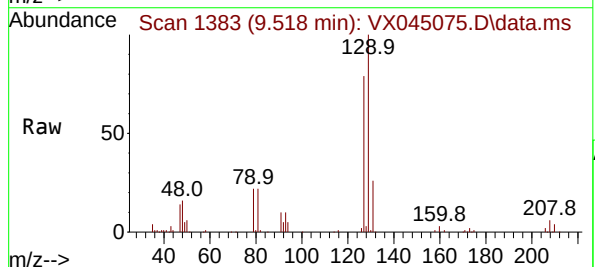
Acq: 28 Feb 2025 04:33

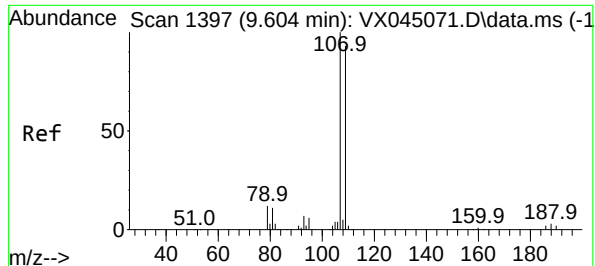
Tgt Ion:129 Resp: 69492

Ion Ratio Lower Upper

129 100

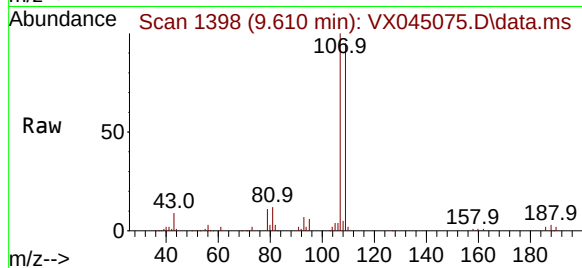
127 78.6 38.5 115.5





#61
1,2-Dibromoethane
Concen: 51.492 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

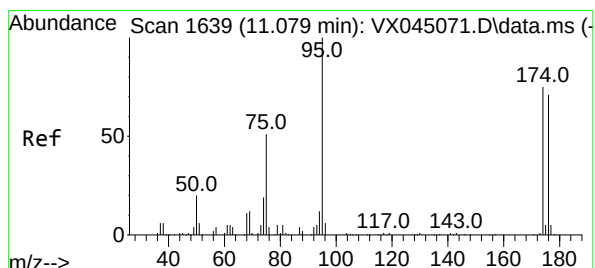
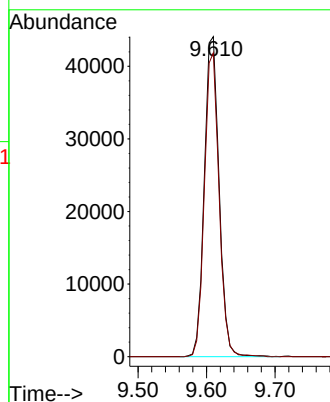
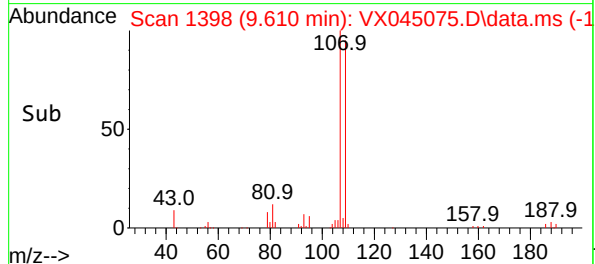
Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825



Tgt Ion: 107 Resp: 6650
Ion Ratio Lower Upper
107 100
109 93.8 76.1 114.1

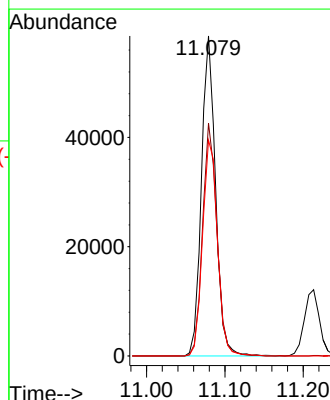
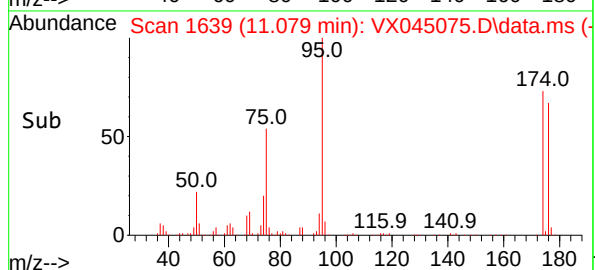
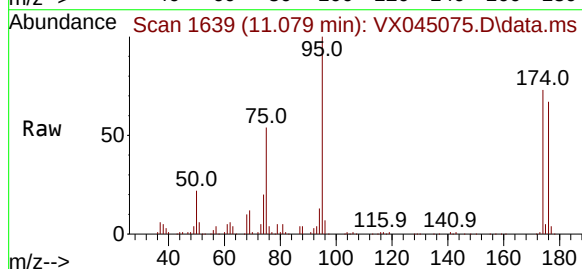
Manual Integrations
APPROVED

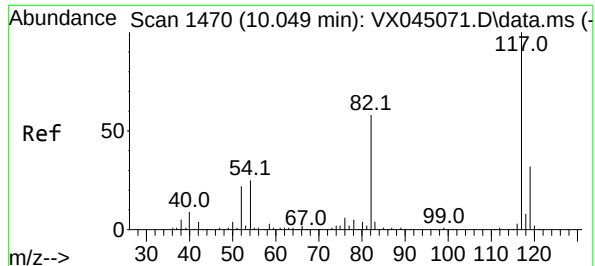
Reviewed By : John Carlone 02/28/2025
Supervised By : Mahesh Dadoda 02/28/2025



#62
4-Bromofluorobenzene
Concen: 49.240 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 95 Resp: 73162
Ion Ratio Lower Upper
95 100
174 74.0 0.0 148.2
176 71.3 0.0 141.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX045075.D

Acq: 28 Feb 2025 04:33

Instrument :

MSVOA_X

ClientSampleId :

ICVX022825

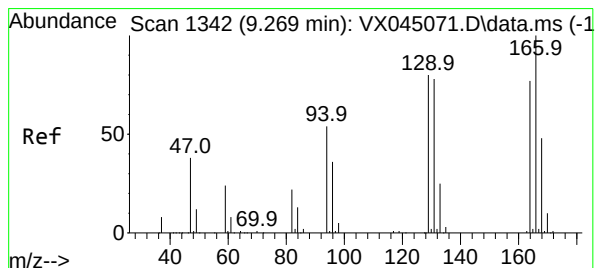
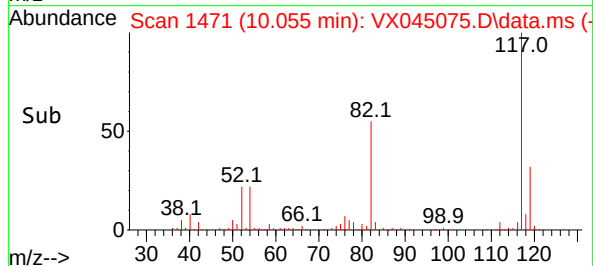
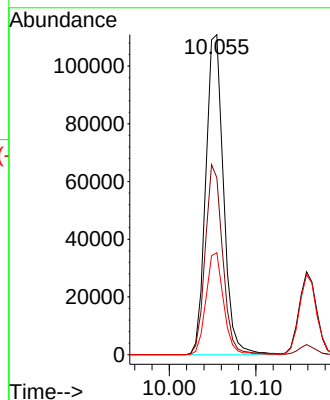
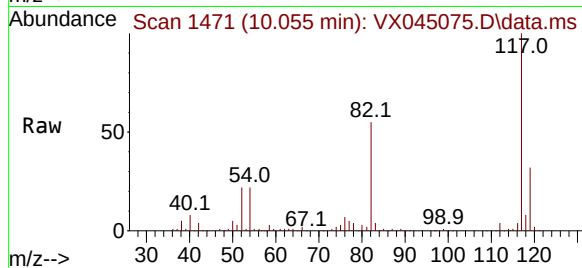
Tgt Ion:	117	Resp:	15779
Ion	Ratio	Lower	Upper
117	100		
82	55.3	46.3	69.5
119	31.9	25.7	38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#64

Tetrachloroethene

Concen: 50.126 ug/l

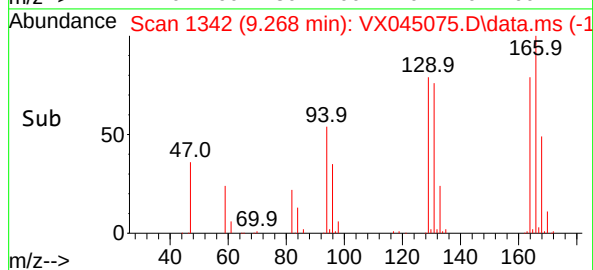
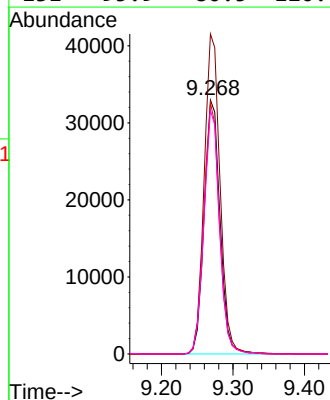
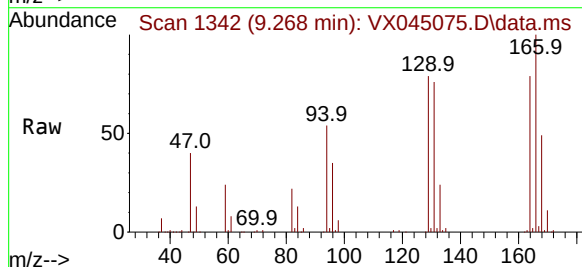
RT: 9.268 min Scan# 1342

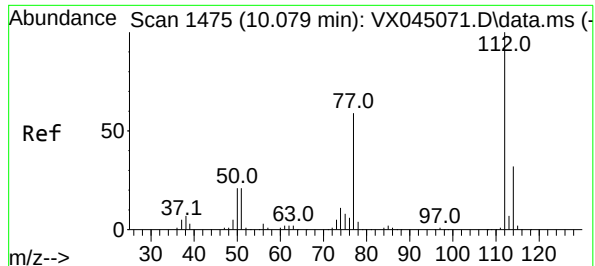
Delta R.T. -0.000 min

Lab File: VX045075.D

Acq: 28 Feb 2025 04:33

Tgt Ion:	164	Resp:	50659
Ion	Ratio	Lower	Upper
164	100		
166	126.0	103.6	155.4
129	99.0	82.7	124.1
131	95.9	80.5	120.7





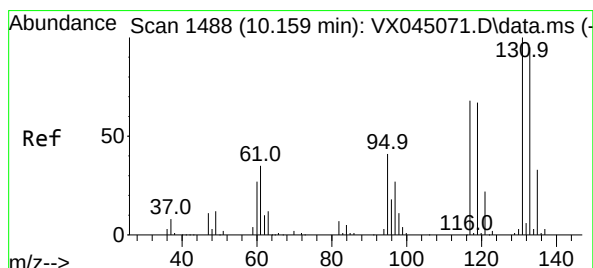
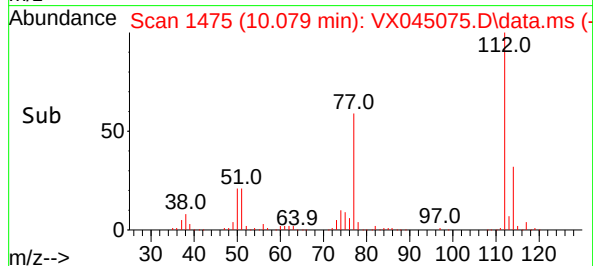
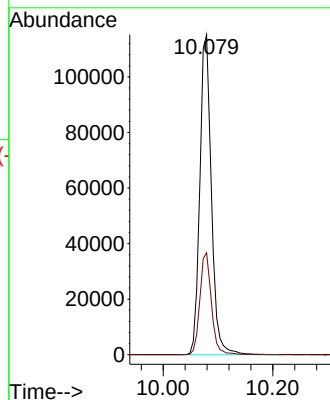
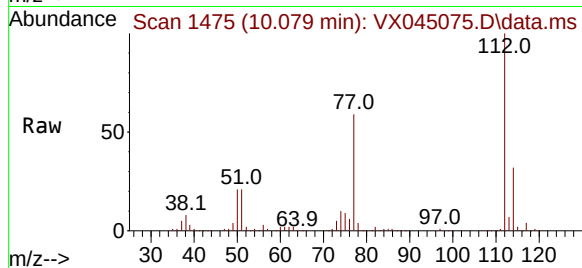
#65
Chlorobenzene
Concen: 50.580 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVX022825

Tgt Ion:112 Resp: 16888
Ion Ratio Lower Upper
112 100
114 31.9 26.0 39.0

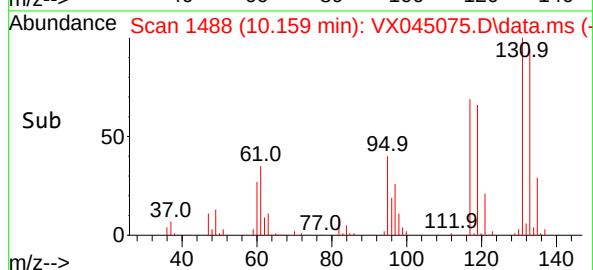
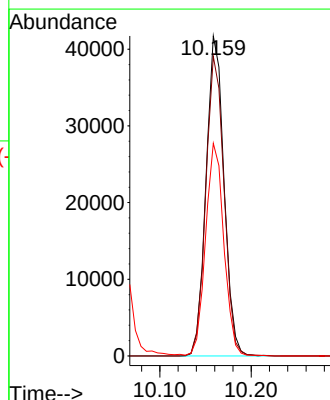
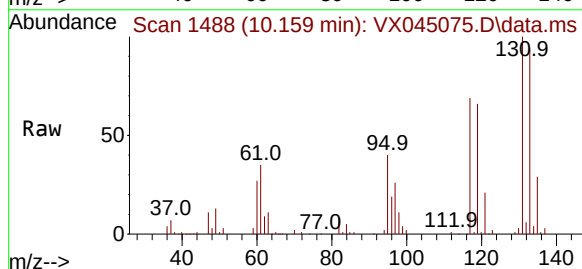
Manual Integrations
APPROVED

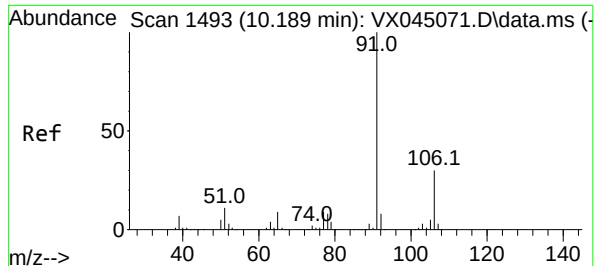
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 51.102 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

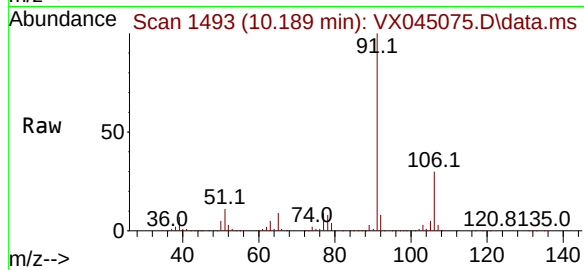
Tgt Ion:131 Resp: 56822
Ion Ratio Lower Upper
131 100
133 94.9 48.6 145.9
119 67.6 33.9 101.7





#67
Ethyl Benzene
Concen: 51.621 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

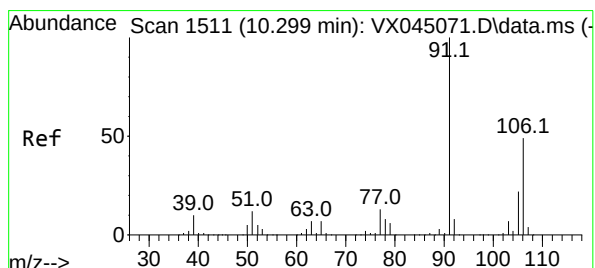
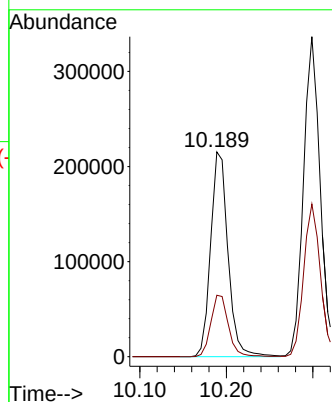
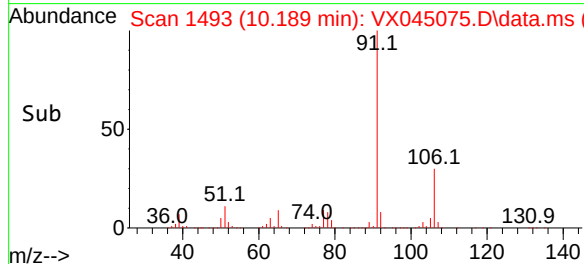
Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825



Tgt Ion: 91 Resp: 300324
Ion Ratio Lower Upper
91 100
106 30.0 23.9 35.9

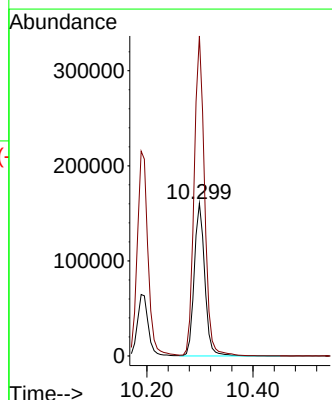
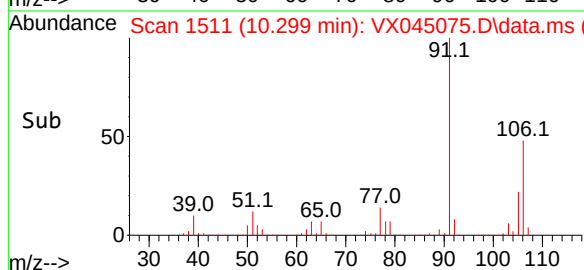
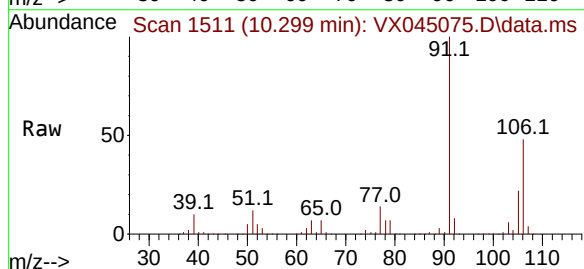
Manual Integrations
APPROVED

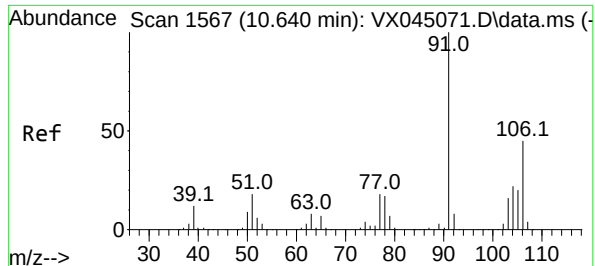
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#68
m/p-Xylenes
Concen: 103.454 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:106 Resp: 220335
Ion Ratio Lower Upper
106 100
91 207.8 165.4 248.0





#69

o-Xylene

Concen: 50.668 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX045075.D

Acq: 28 Feb 2025 04:33

Instrument :

MSVOA_X

ClientSampleId :

ICVX022825

Tgt Ion:106 Resp: 108830

Ion Ratio Lower Upper

106 100

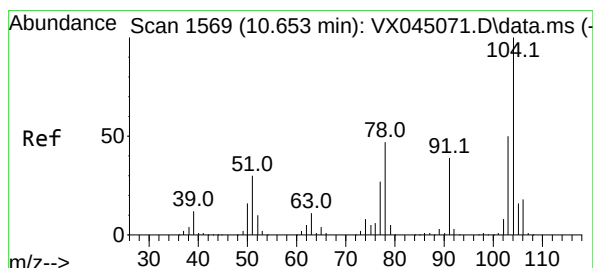
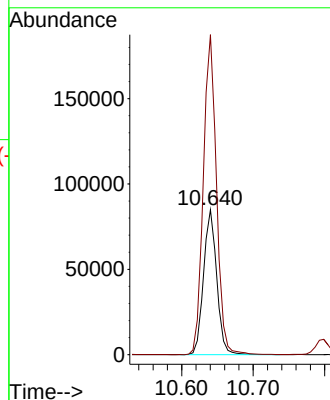
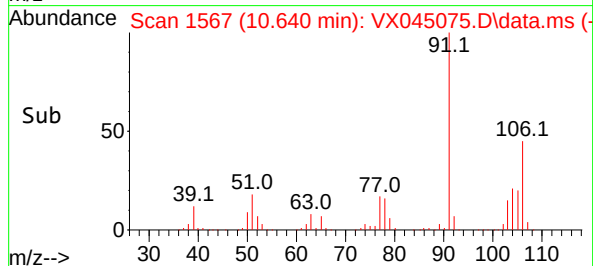
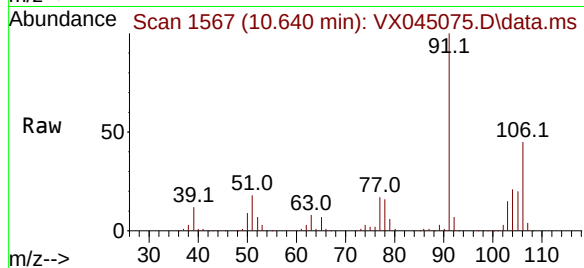
91 220.5 109.9 329.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#70

Styrene

Concen: 52.177 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX045075.D

Acq: 28 Feb 2025 04:33

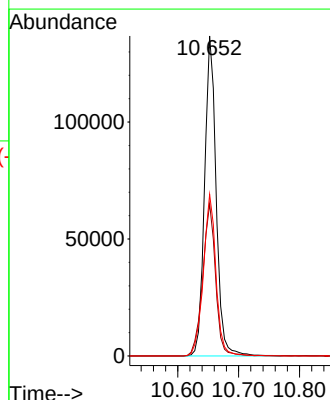
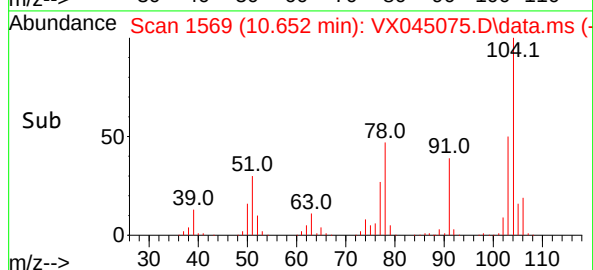
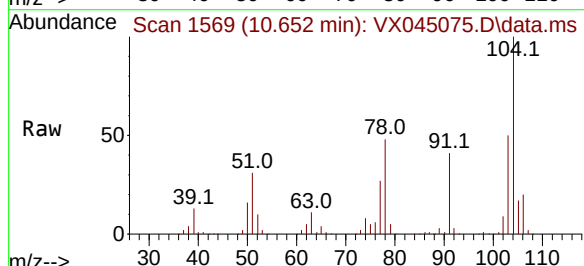
Tgt Ion:104 Resp: 181349

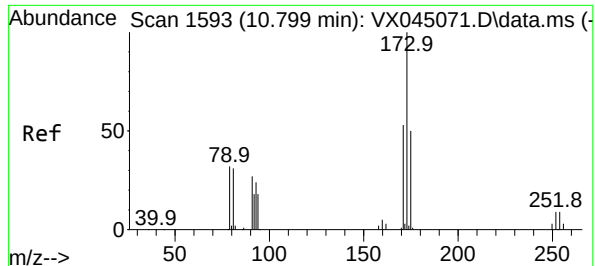
Ion Ratio Lower Upper

104 100

78 52.8 42.2 63.4

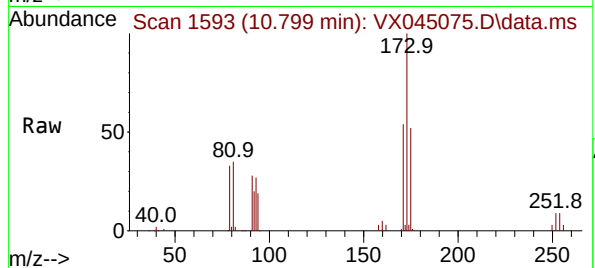
103 55.1 43.8 65.8





#71
Bromoform
Concen: 52.636 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

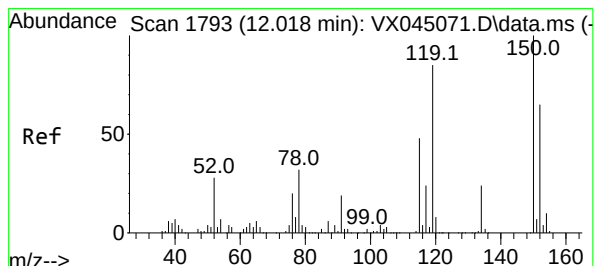
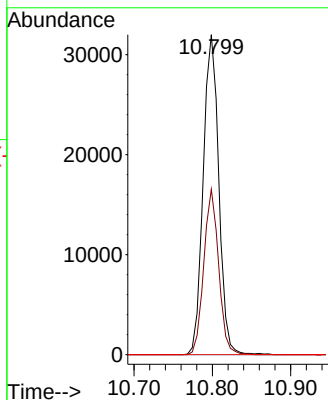
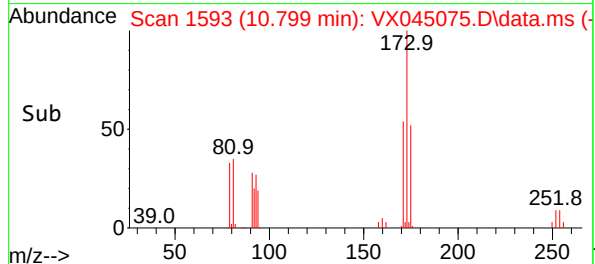
Instrument :
MSVOA_X
ClientSampleId :
ICVX022825



Tgt Ion:173 Resp: 4413
Ion Ratio Lower Upper
173 100
175 49.3 24.6 73.6
254 0.0 0.0 0.0

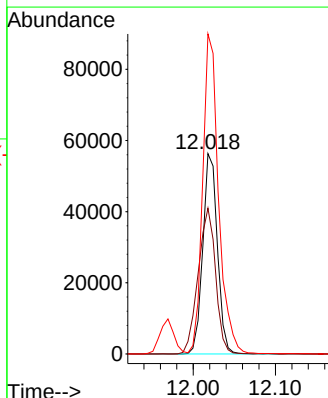
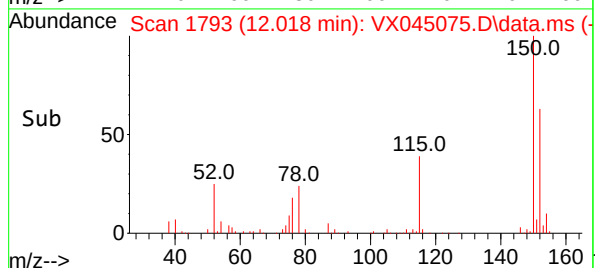
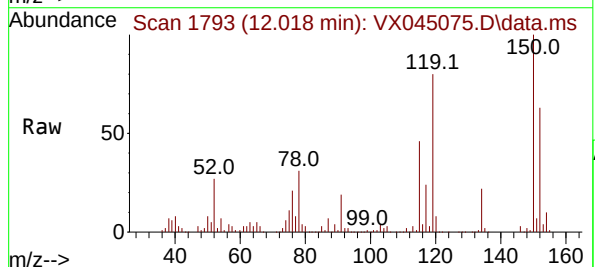
Manual Integrations
APPROVED

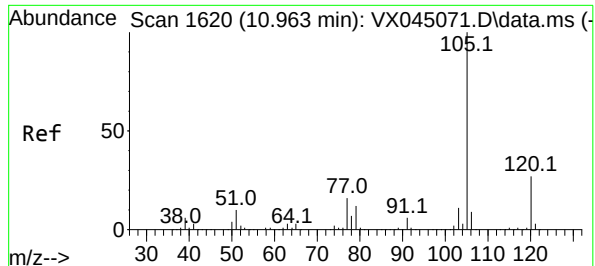
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

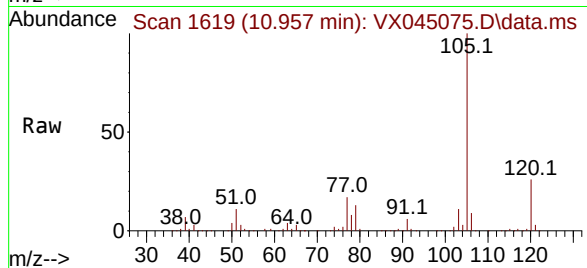
Tgt Ion:152 Resp: 69357
Ion Ratio Lower Upper
152 100
115 86.9 44.2 132.6
150 174.3 0.0 349.0





#73
Isopropylbenzene
Concen: 51.589 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

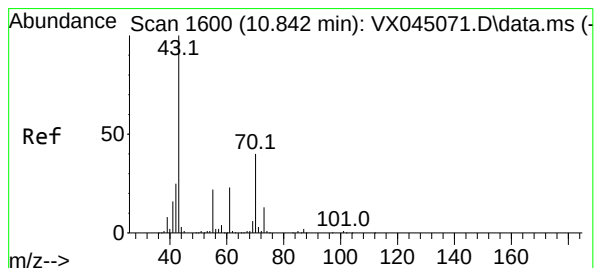
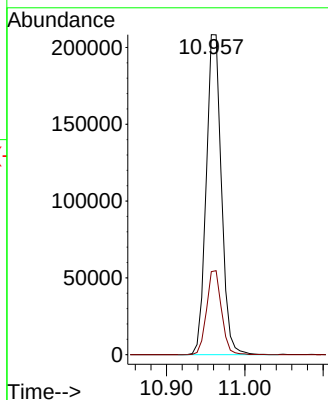
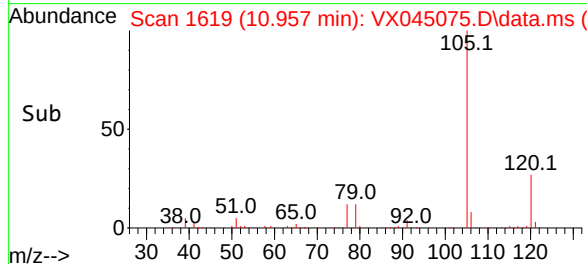
Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825



Tgt Ion:105 Resp: 279278
Ion Ratio Lower Upper
105 100
120 25.9 13.2 39.5

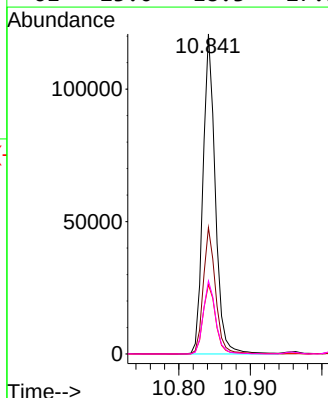
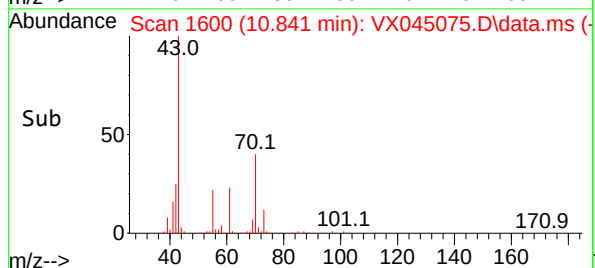
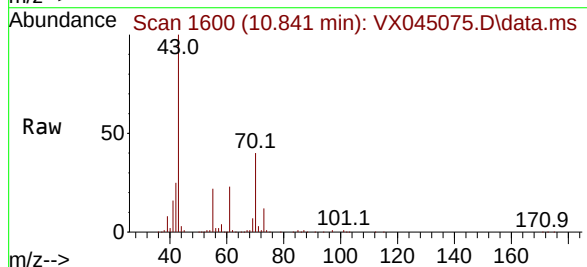
Manual Integrations
APPROVED

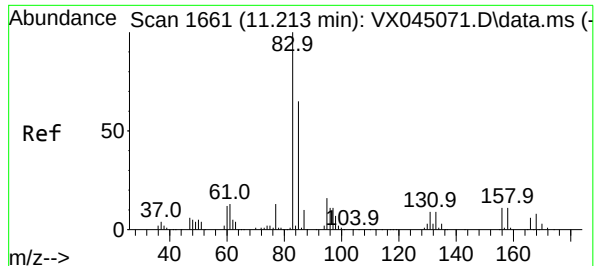
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#74
N-ethyl acetate
Concen: 56.851 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

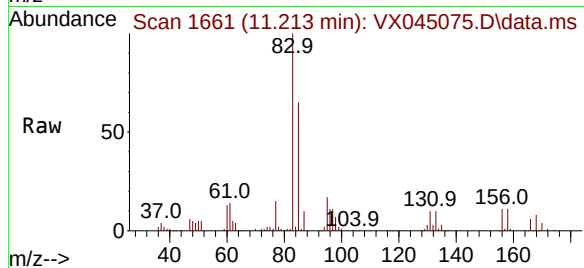
Tgt Ion: 43 Resp: 144412
Ion Ratio Lower Upper
43 100
70 39.5 31.8 47.6
55 22.3 18.3 27.5
61 23.0 18.3 27.5





#75
1,1,2-Tetrachloroethane
Concen: 50.741 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

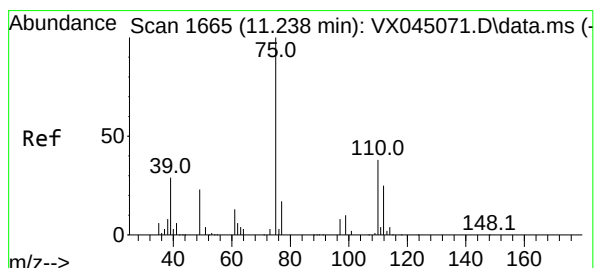
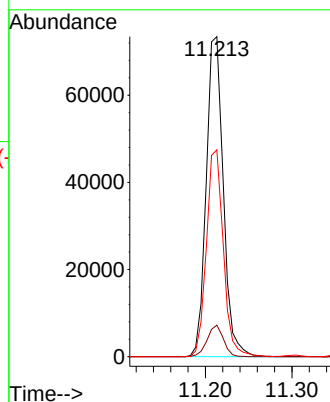
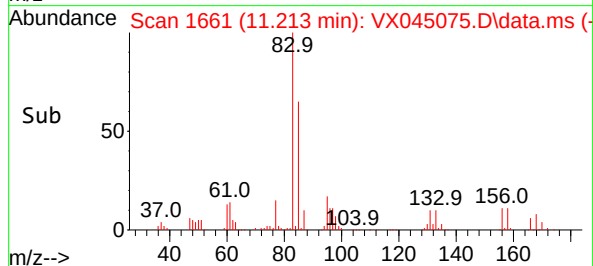
Instrument :
MSVOA_X
ClientSampleId :
ICVX022825



Tgt Ion: 83 Resp: 100800
Ion Ratio Lower Upper
83 100
131 9.4 4.5 13.4
85 64.0 31.7 95.1

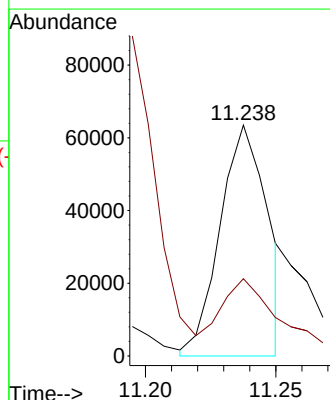
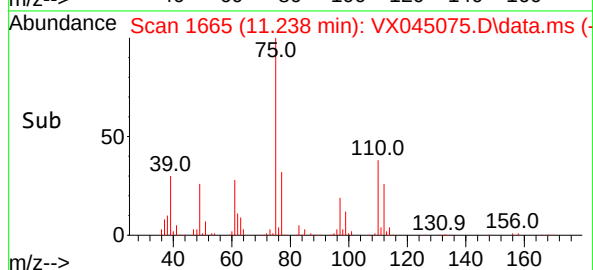
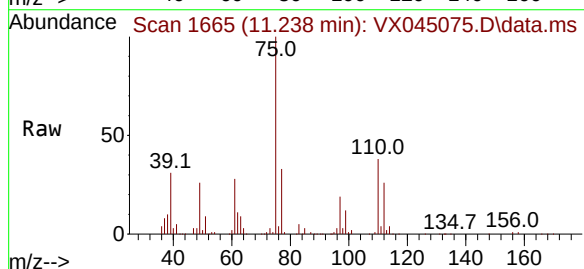
Manual Integrations
APPROVED

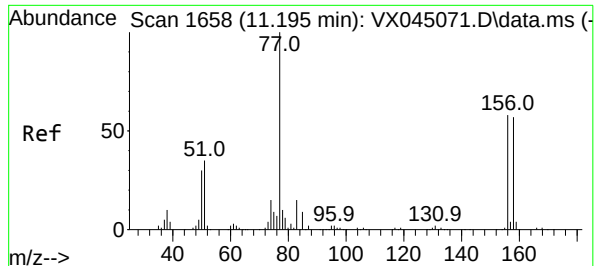
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#76
1,2,3-Trichloropropane
Concen: 49.940 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

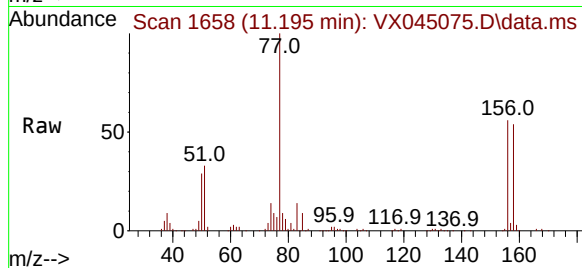
Tgt Ion: 75 Resp: 80618
Ion Ratio Lower Upper
75 100
77 42.5 20.7 62.1





#77
Bromobenzene
Concen: 50.360 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

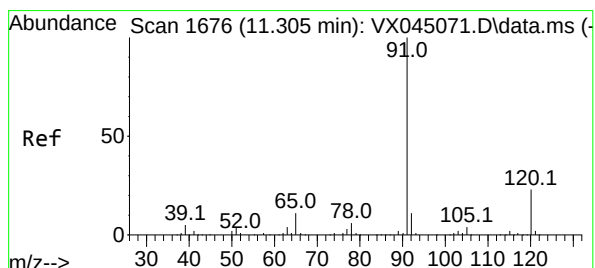
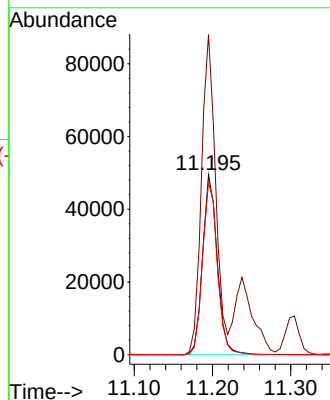
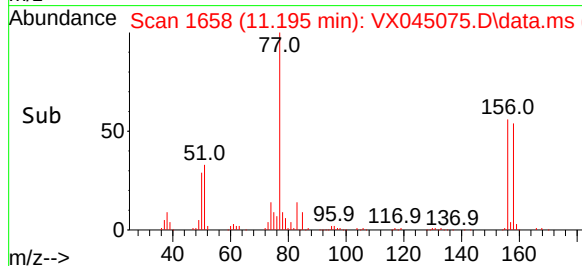
Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825



Tgt Ion:156 Resp: 64324
Ion Ratio Lower Upper
156 100
77 172.1 85.8 257.4
158 96.5 48.4 145.2

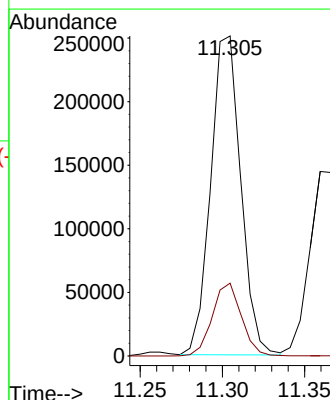
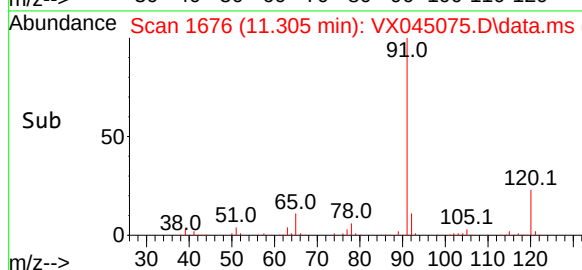
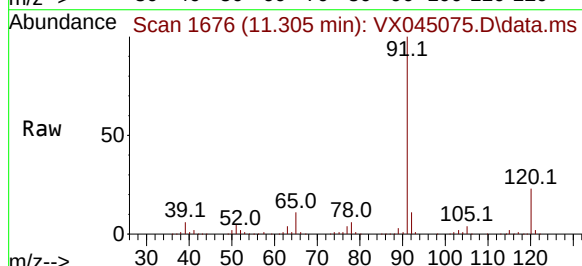
Manual Integrations
APPROVED

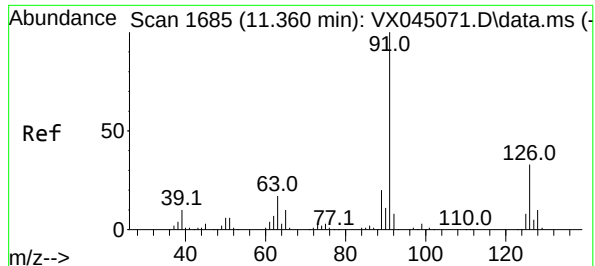
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#78
n-propylbenzene
Concen: 52.203 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion: 91 Resp: 319235
Ion Ratio Lower Upper
91 100
120 22.2 11.2 33.6





#79

2-Chlorotoluene

Concen: 49.338 ug/l

RT: 11.360 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045075.D

Acq: 28 Feb 2025 04:33

Instrument :

MSVOA_X

ClientSampleId :

ICVXX022825

Tgt Ion: 91 Resp: 192150

Ion Ratio Lower Upper

91 100

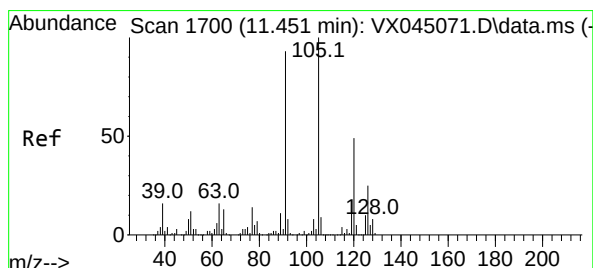
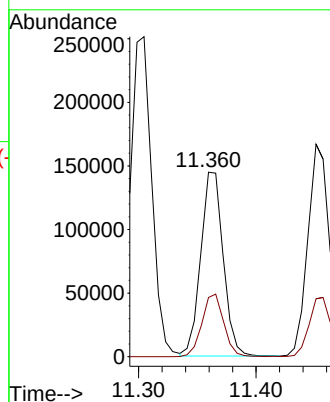
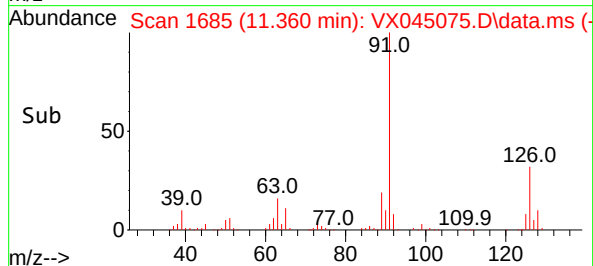
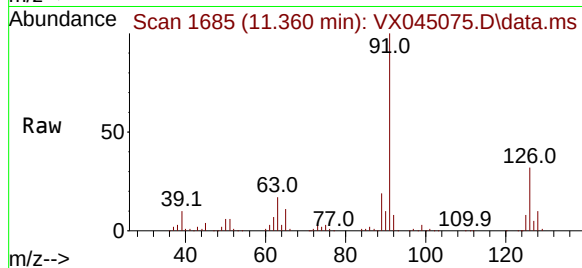
126 33.1 16.4 49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#80

1,3,5-Trimethylbenzene

Concen: 51.544 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX045075.D

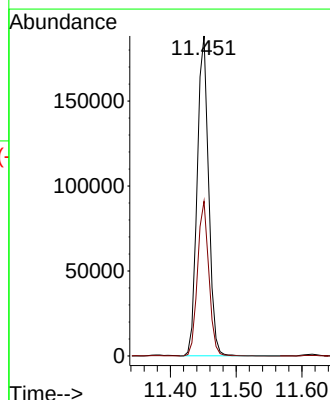
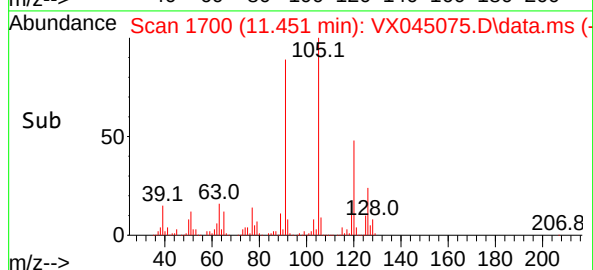
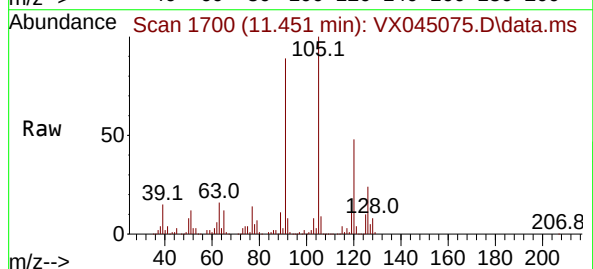
Acq: 28 Feb 2025 04:33

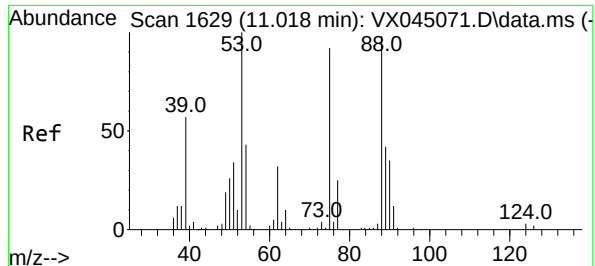
Tgt Ion:105 Resp: 225622

Ion Ratio Lower Upper

105 100

120 48.0 24.1 72.2





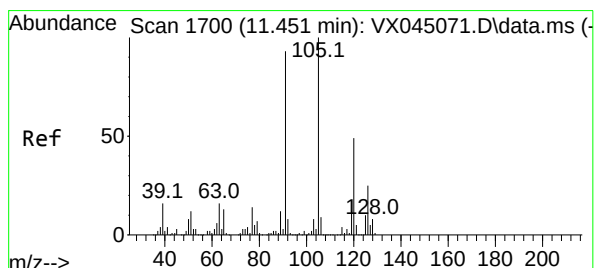
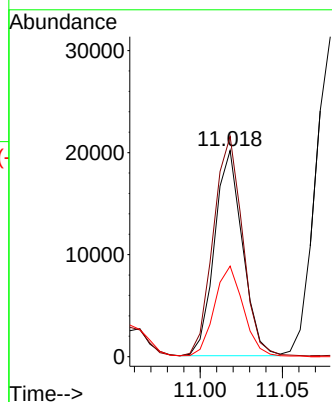
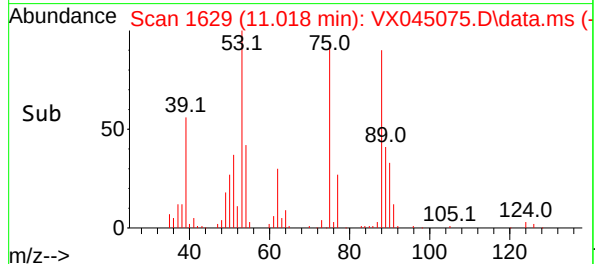
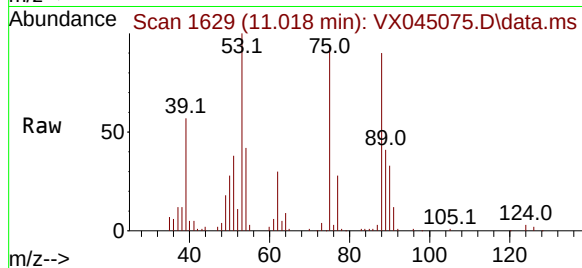
#81
trans-1,4-Dichloro-2-butene
Concen: 50.757 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Tgt Ion: 75 Resp: 2394
Ion Ratio Lower Upper
75 100
53 111.4 88.5 132.7
89 45.8 36.2 54.4

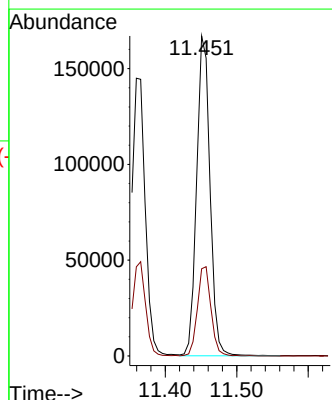
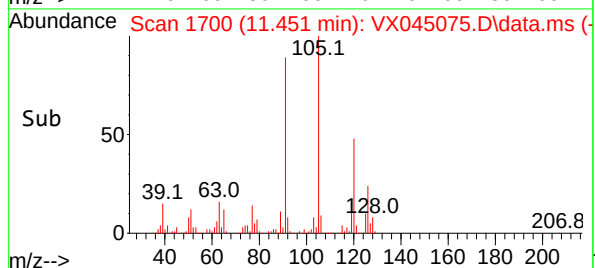
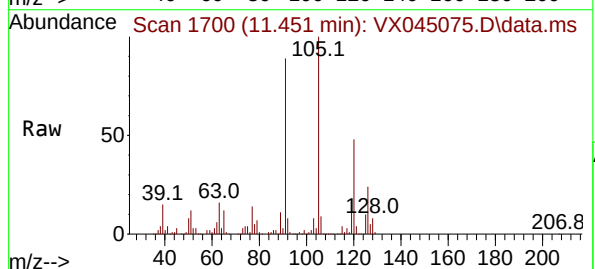
Manual Integrations
APPROVED

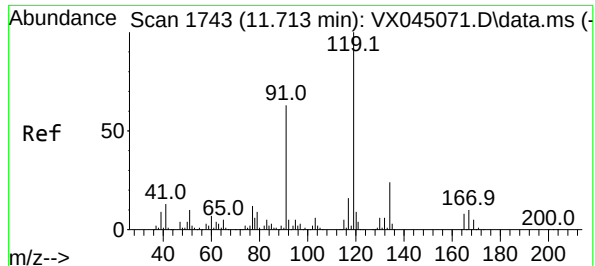
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#82
4-Chlorotoluene
Concen: 51.009 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

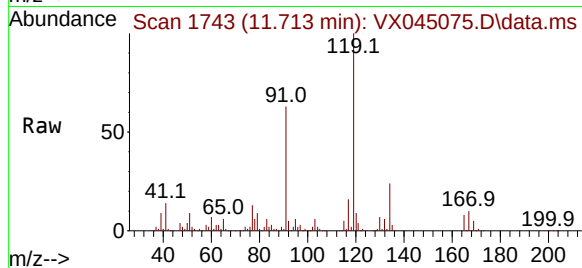
Tgt Ion: 91 Resp: 216511
Ion Ratio Lower Upper
91 100
126 28.3 14.1 42.4





#83
tert-Butylbenzene
Concen: 50.552 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

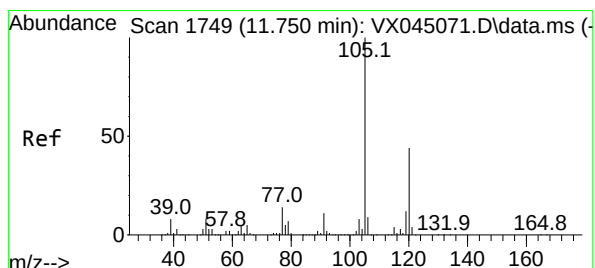
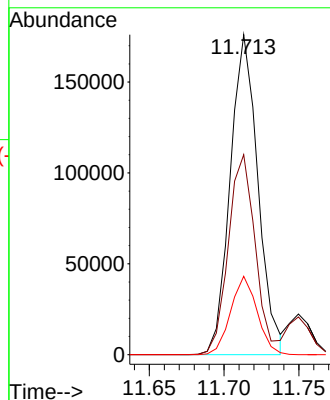
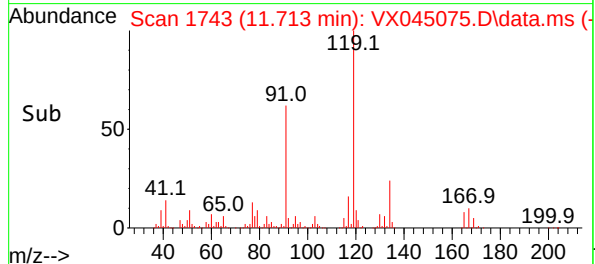
Instrument :
MSVOA_X
ClientSampleId :
ICVX022825



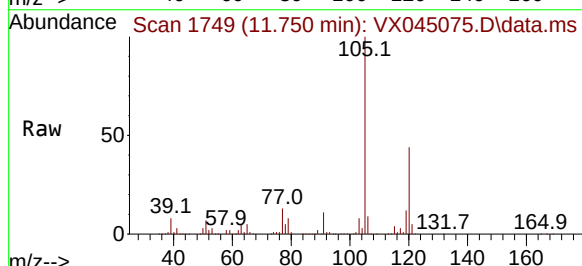
Tgt Ion:119 Resp: 22735
Ion Ratio Lower Upper
119 100
91 61.1 30.7 92.1
134 23.4 11.7 35.0

Manual Integrations
APPROVED

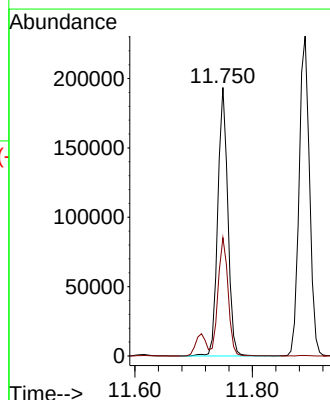
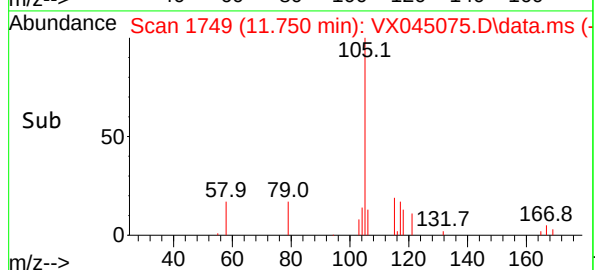
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

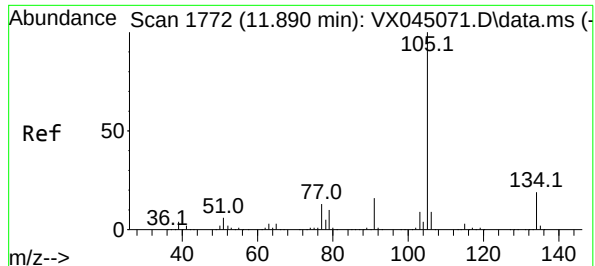


#84
1,2,4-Trimethylbenzene
Concen: 51.932 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33



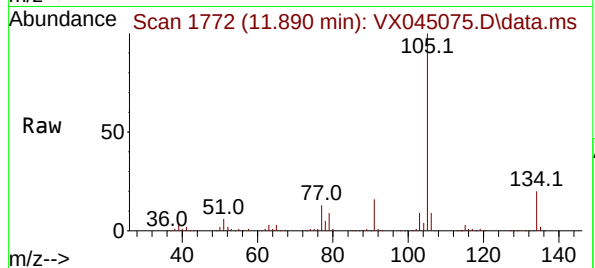
Tgt Ion:105 Resp: 228729
Ion Ratio Lower Upper
105 100
120 44.3 22.1 66.1





#85
sec-Butylbenzene
Concen: 52.703 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

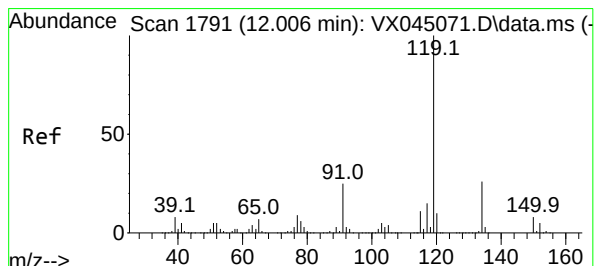
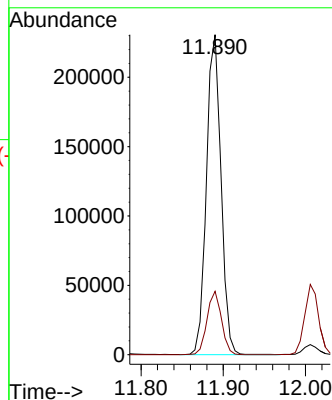
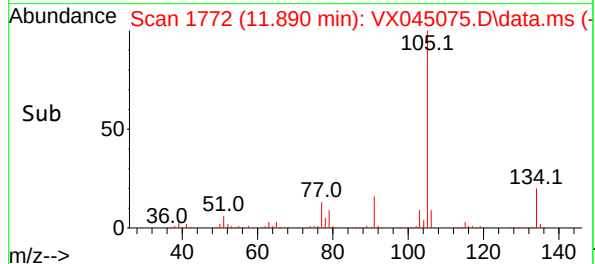
Instrument :
MSVOA_X
ClientSampleId :
ICVX022825



Tgt Ion:105 Resp: 28393
Ion Ratio Lower Upper
105 100
134 19.6 9.8 29.4

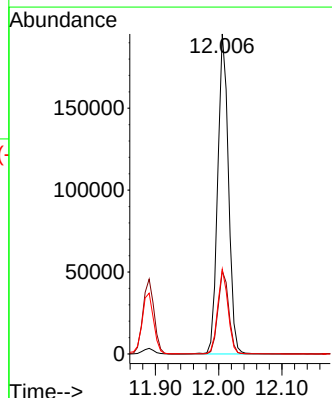
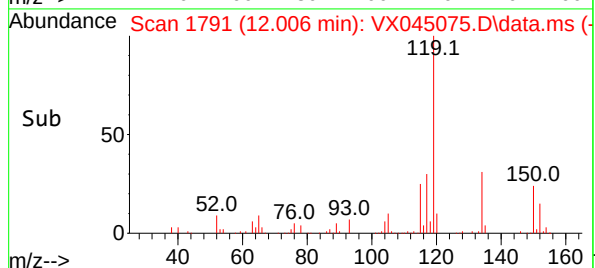
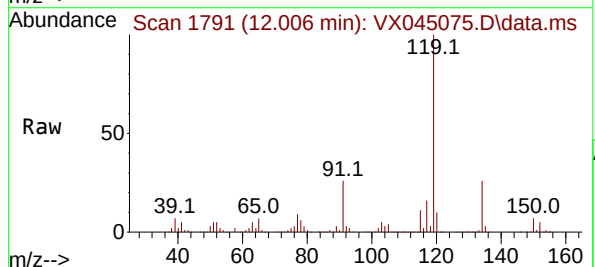
Manual Integrations
APPROVED

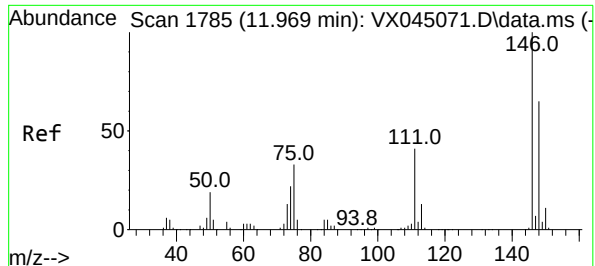
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#86
p-Isopropyltoluene
Concen: 52.803 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:119 Resp: 229894
Ion Ratio Lower Upper
119 100
134 25.9 12.9 38.6
91 25.3 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 50.372 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX045075.D

Acq: 28 Feb 2025 04:33

Instrument :

MSVOA_X

ClientSampleId :

ICVX022825

Tgt Ion:146 Resp: 114778

Ion Ratio Lower Upper

146 100

111 42.5 21.1 63.4

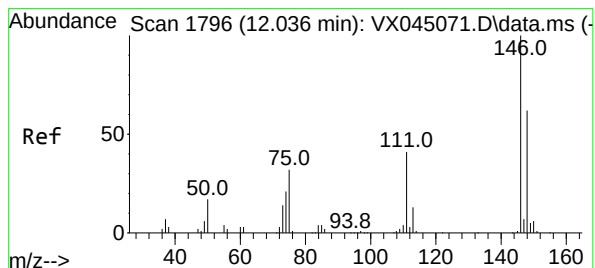
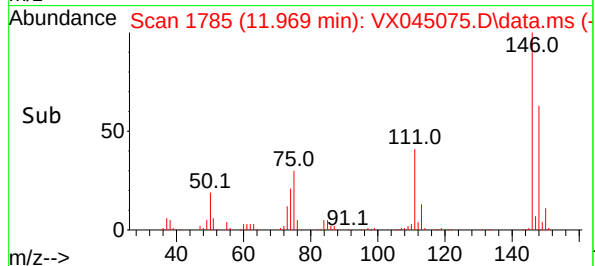
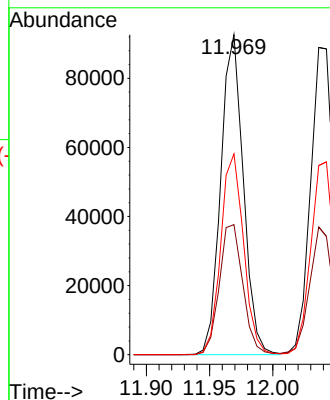
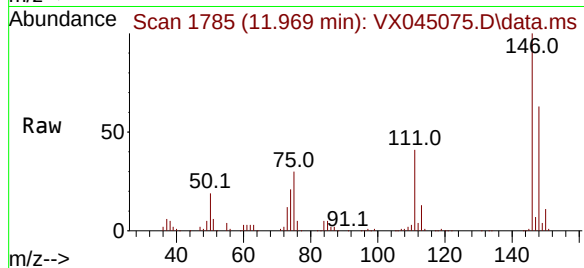
148 63.6 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#88

1,4-Dichlorobenzene

Concen: 50.097 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX045075.D

Acq: 28 Feb 2025 04:33

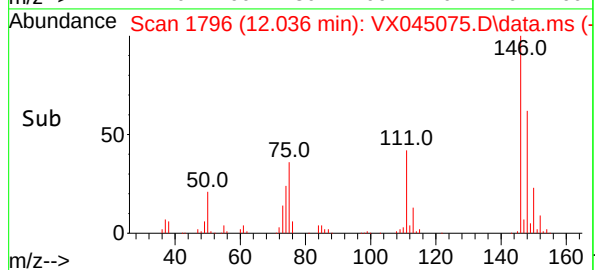
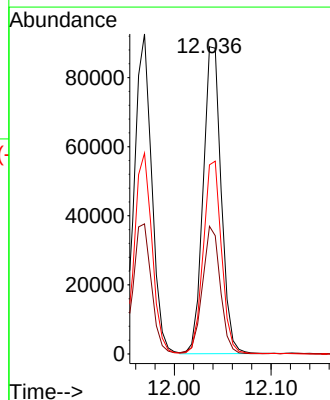
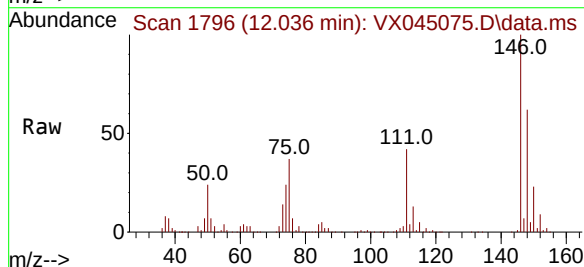
Tgt Ion:146 Resp: 115486

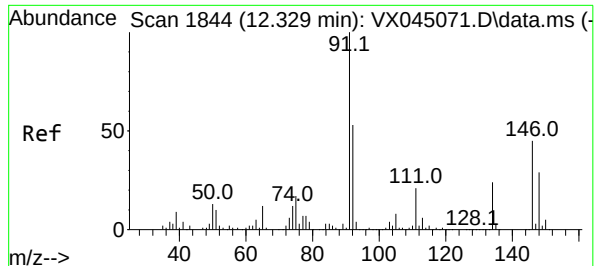
Ion Ratio Lower Upper

146 100

111 41.0 20.2 60.5

148 63.0 31.9 95.9





#89

n-Butylbenzene

Concen: 54.662 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX045075.D

Acq: 28 Feb 2025 04:33

Instrument :

MSVOA_X

ClientSampleId :

ICVX022825

Tgt Ion: 91 Resp: 204972

Ion Ratio Lower Upper

91 100

92 53.8 26.7 80.0

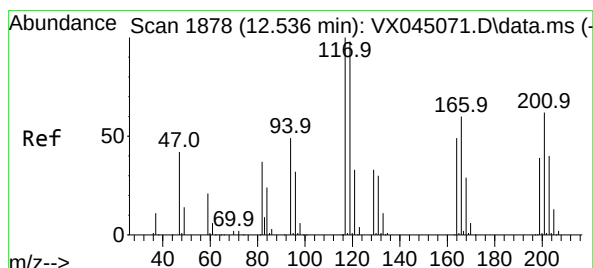
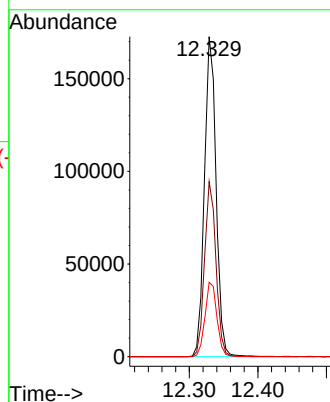
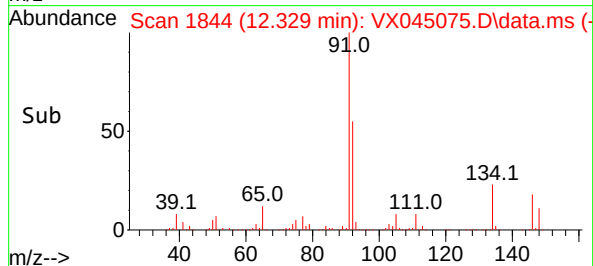
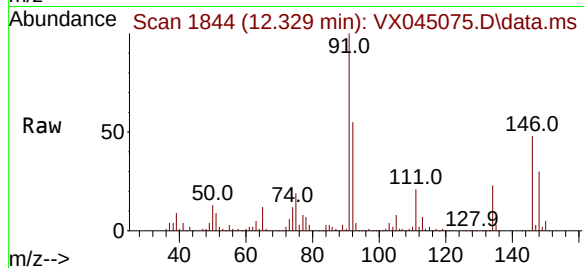
134 23.9 12.2 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#90

Hexachloroethane

Concen: 51.866 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX045075.D

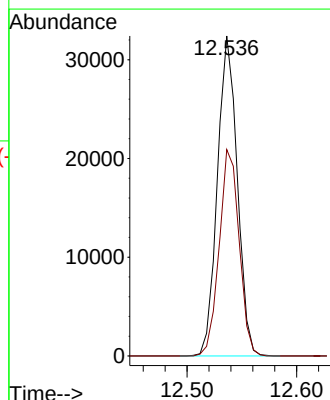
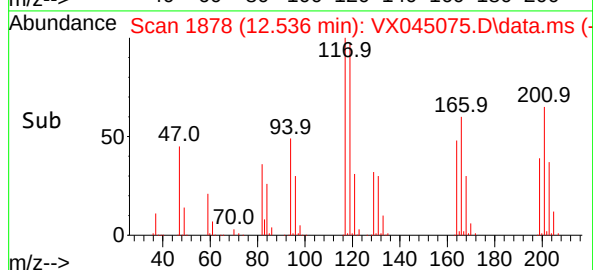
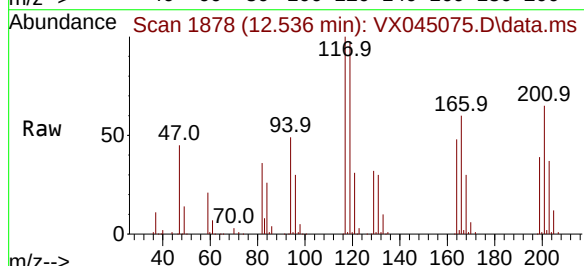
Acq: 28 Feb 2025 04:33

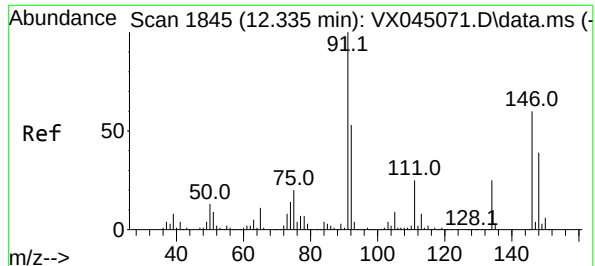
Tgt Ion:117 Resp: 40844

Ion Ratio Lower Upper

117 100

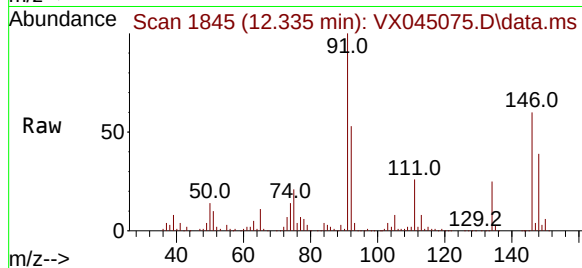
201 64.7 31.9 95.9





#91
1,2-Dichlorobenzene
Concen: 50.899 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

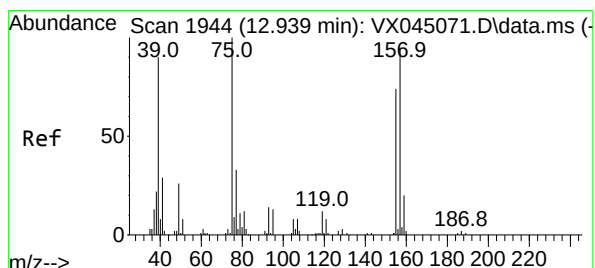
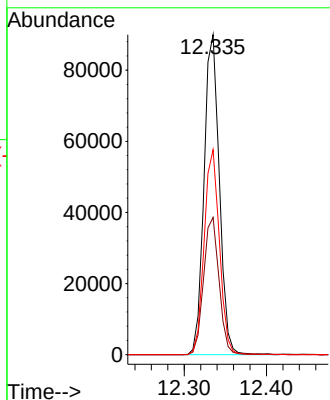
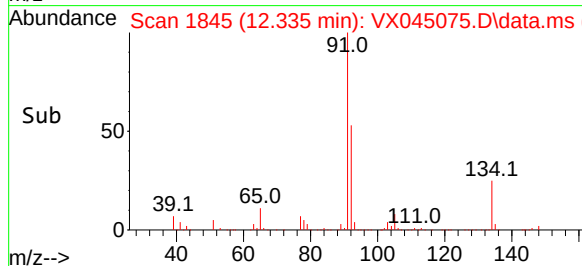
Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825



Tgt Ion:146 Resp: 11634
Ion Ratio Lower Upper
146 100
111 43.2 21.6 65.0
148 63.9 31.9 95.9

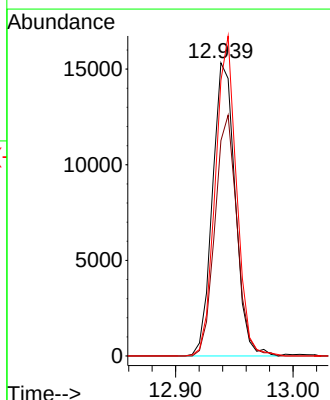
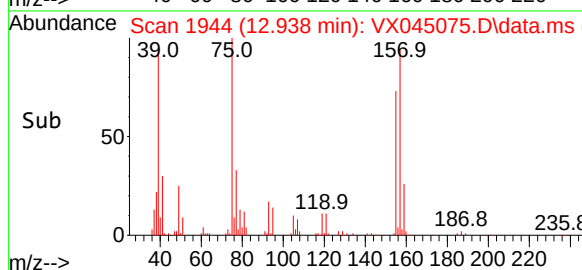
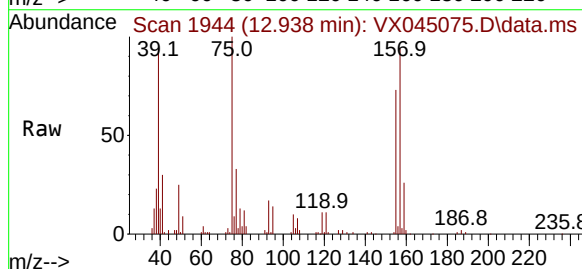
Manual Integrations
APPROVED

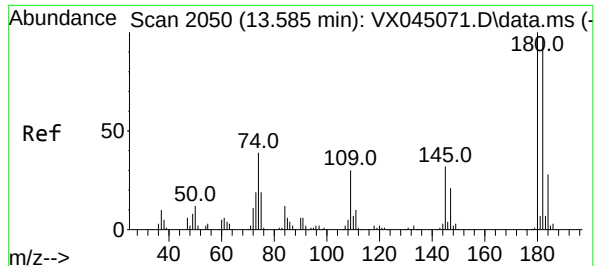
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.199 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

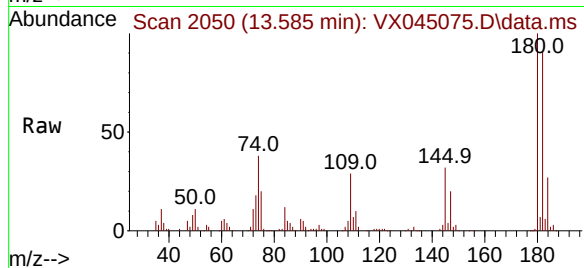
Tgt Ion: 75 Resp: 20589
Ion Ratio Lower Upper
75 100
155 79.8 39.6 118.7
157 101.7 51.1 153.4





#93
1,2,4-Trichlorobenzene
Concen: 54.834 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

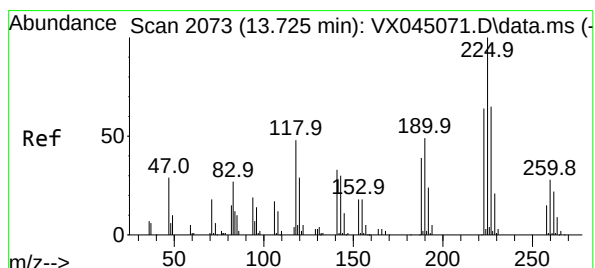
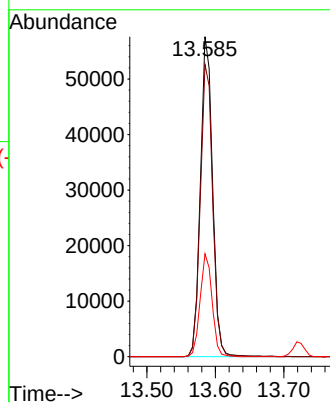
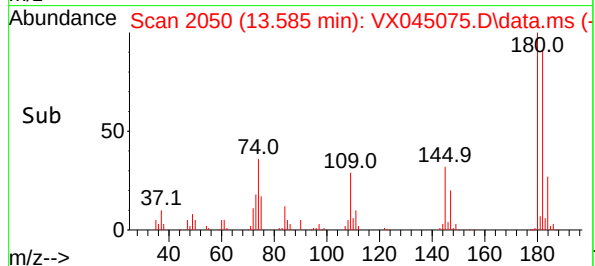
Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825



Tgt Ion:180 Resp: 71368
Ion Ratio Lower Upper
180 100
182 92.4 47.3 141.9
145 31.6 16.3 48.9

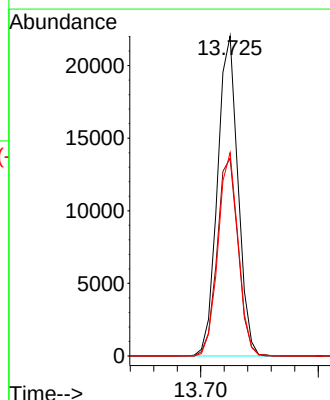
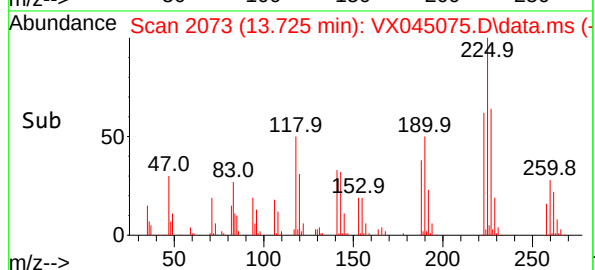
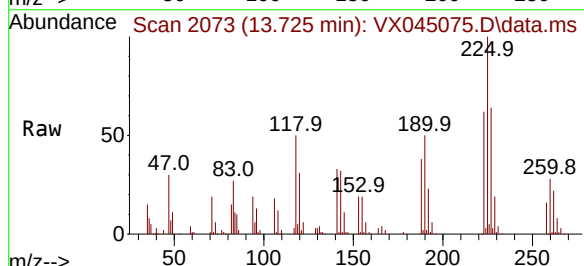
Manual Integrations
APPROVED

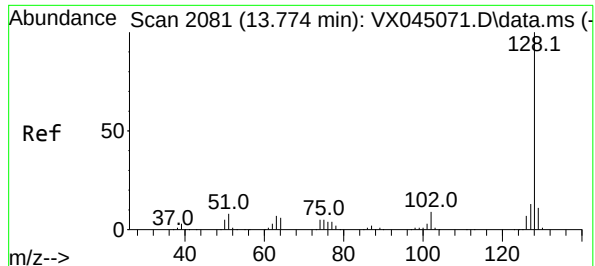
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#94
Hexachlorobutadiene
Concen: 50.032 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

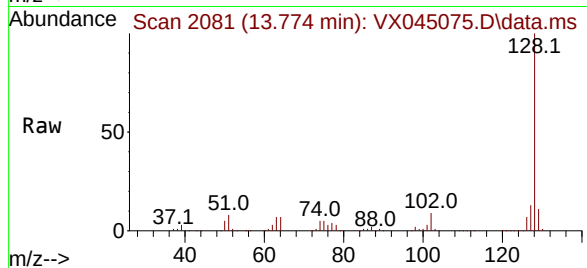
Tgt Ion:225 Resp: 26697
Ion Ratio Lower Upper
225 100
223 63.2 31.9 95.7
227 62.4 31.4 94.0





#95
Naphthalene
Concen: 55.163 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

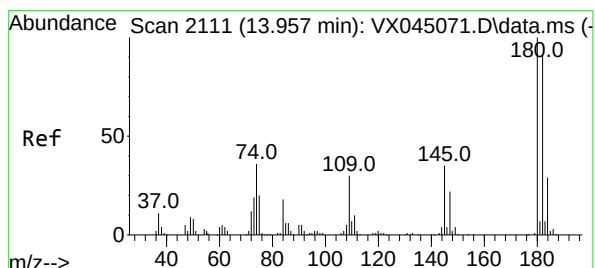
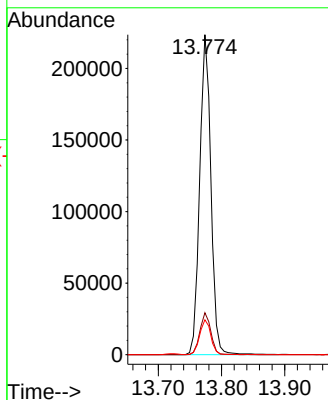
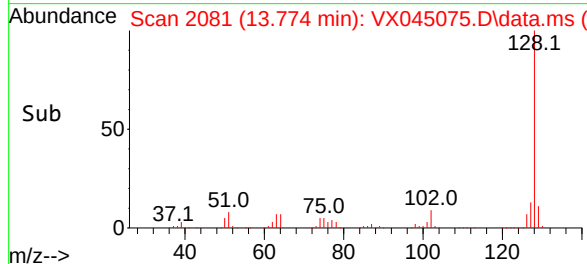
Instrument :
MSVOA_X
ClientSampleId :
ICVX022825



Tgt Ion:128 Resp: 275844
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.7 13.1

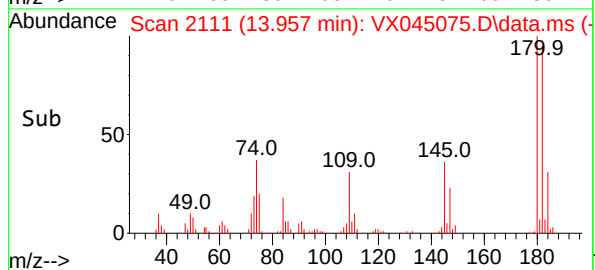
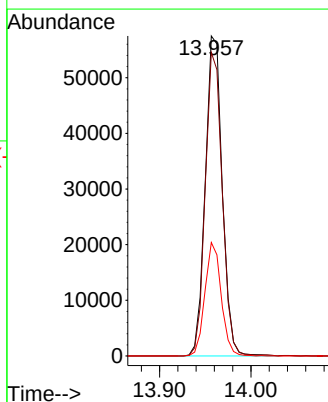
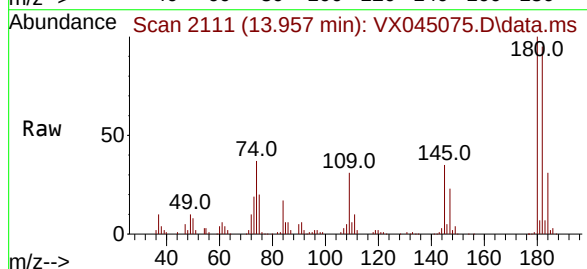
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#96
1,2,3-Trichlorobenzene
Concen: 54.049 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX045075.D
Acq: 28 Feb 2025 04:33

Tgt Ion:180 Resp: 74211
Ion Ratio Lower Upper
180 100
182 94.5 47.5 142.6
145 33.9 17.0 50.9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
 Data File : VX045075.D
 Acq On : 28 Feb 2025 04:33
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022825

Quant Time: Feb 28 06:55:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 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	98	0.00
2 T	Dichlorodifluoromethane	0.629	0.603	4.1	95	0.00
3 P	Chloromethane	0.770	0.750	2.6	98	0.00
4 C	Vinyl Chloride	0.764	0.757	0.9#	98	0.00
5 T	Bromomethane	0.300	0.277	7.7	93	0.00
6 T	Chloroethane	0.352	0.296	15.9	78	0.00
7 T	Trichlorofluoromethane	1.011	1.003	0.8	94	0.00
8 T	Diethyl Ether	0.396	0.385	2.8	98	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.581	0.585	-0.7	97	0.00
10 T	Methyl Iodide	0.726	0.734	-1.1	94	0.00
11 T	Tert butyl alcohol	0.151	0.144	4.6	106	0.00
12 CM	1,1-Dichloroethene	0.614	0.609	0.8#	96	0.00
13 T	Acrolein	0.174	0.189	-8.6	107	0.00
14 T	Allyl chloride	1.094	1.131	-3.4	100	0.00
15 T	Acrylonitrile	0.404	0.413	-2.2	99	0.00
16 T	Acetone	0.369	0.358	3.0	100	0.00
17 T	Carbon Disulfide	1.636	1.635	0.1	97	0.00
18 T	Methyl Acetate	0.888	0.893	-0.6	101	0.00
19 T	Methyl tert-butyl Ether	2.061	2.190	-6.3	103	0.00
20 T	Methylene Chloride	0.731	0.726	0.7	102	0.00
21 T	trans-1,2-Dichloroethene	0.607	0.621	-2.3	97	0.00
22 T	Diisopropyl ether	2.224	2.400	-7.9	103	0.00
23 T	Vinyl Acetate	1.856	2.096	-12.9	105	0.00
24 P	1,1-Dichloroethane	1.247	1.276	-2.3	101	0.00
25 T	2-Butanone	0.555	0.587	-5.8	100	0.00
26 T	2,2-Dichloropropane	0.585	0.578	1.2	95	0.00
27 T	cis-1,2-Dichloroethene	0.749	0.773	-3.2	100	0.00
28 T	Bromochloromethane	0.594	0.599	-0.8	98	0.00
29 T	Tetrahydrofuran	0.373	0.385	-3.2	102	0.00
30 C	Chloroform	1.239	1.244	-0.4#	98	0.00
31 T	Cyclohexane	1.082	1.085	-0.3	96	0.00
32 T	1,1,1-Trichloroethane	1.000	1.019	-1.9	98	0.00
33 S	1,2-Dichloroethane-d4	0.795	0.800	-0.6	104	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
35 S	Dibromofluoromethane	0.334	0.340	-1.8	103	0.00
36 T	1,1-Dichloropropene	0.459	0.447	2.6	95	0.00
37 T	Ethyl Acetate	0.591	0.610	-3.2	100	0.00
38 T	Carbon Tetrachloride	0.465	0.460	1.1	98	0.00
39 T	Methylcyclohexane	0.549	0.562	-2.4	95	0.00
40 TM	Benzene	1.448	1.482	-2.3	98	0.00
41 T	Methacrylonitrile	0.319	0.341	-6.9	99	0.00
42 TM	1,2-Dichloroethane	0.521	0.529	-1.5	99	0.00
43 T	Isopropyl Acetate	0.874	0.951	-8.8	102	0.00
44 TM	Trichloroethene	0.340	0.333	2.1	97	0.00
45 C	1,2-Dichloropropane	0.372	0.380	-2.2#	102	0.00
46 T	Dibromomethane	0.263	0.272	-3.4	100	0.00
47 T	Bromodichloromethane	0.516	0.526	-1.9	99	0.00
48 T	Methyl methacrylate	0.438	0.474	-8.2	102	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
 Data File : VX045075.D
 Acq On : 28 Feb 2025 04:33
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022825

Quant Time: Feb 28 06:55:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 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	0.009	0.010	-11.1	102	0.00
50 S	Toluene-d8	1.212	1.221	-0.7	100	0.00
51 T	4-Methyl-2-Pentanone	0.587	0.610	-3.9	99	0.00
52 CM	Toluene	0.849	0.867	-2.1#	96	0.00
53 T	t-1,3-Dichloropropene	0.431	0.468	-8.6	99	0.00
54 T	cis-1,3-Dichloropropene	0.503	0.531	-5.6	98	0.00
55 T	1,1,2-Trichloroethane	0.350	0.351	-0.3	98	0.00
56 T	Ethyl methacrylate	0.532	0.575	-8.1	100	0.00
57 T	1,3-Dichloropropane	0.605	0.621	-2.6	99	0.00
58 T	2-Chloroethyl Vinyl ether	0.259	0.286	-10.4	100	0.00
59 T	2-Hexanone	0.425	0.451	-6.1	100	0.00
60 T	Dibromochloromethane	0.366	0.376	-2.7	97	0.00
61 T	1,2-Dibromoethane	0.349	0.360	-3.2	100	0.00
62 S	4-Bromofluorobenzene	0.402	0.396	1.5	98	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
64 T	Tetrachloroethene	0.320	0.321	-0.3	96	0.00
65 PM	Chlorobenzene	1.058	1.070	-1.1	95	0.00
66 T	1,1,1,2-Tetrachloroethane	0.352	0.360	-2.3	99	0.00
67 C	Ethyl Benzene	1.843	1.903	-3.3#	95	0.00
68 T	m/p-Xylenes	0.675	0.698	-3.4	94	0.00
69 T	o-Xylene	0.681	0.690	-1.3	95	0.00
70 T	Styrene	1.101	1.149	-4.4	95	0.00
71 P	Bromoform	0.266	0.280	-5.3	99	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	0.00
73 T	Isopropylbenzene	3.903	4.027	-3.2	95	0.00
74 T	N-amyl acetate	1.831	2.082	-13.7	103	0.00
75 P	1,1,2,2-Tetrachloroethane	1.432	1.453	-1.5	100	0.00
76 T	1,2,3-Trichloropropane	1.164	1.162	0.2	99	0.00
77 T	Bromobenzene	0.921	0.927	-0.7	96	0.00
78 T	n-propylbenzene	4.409	4.603	-4.4	93	0.00
79 T	2-Chlorotoluene	2.808	2.770	1.4	94	0.00
80 T	1,3,5-Trimethylbenzene	3.156	3.253	-3.1	94	0.00
81 T	trans-1,4-Dichloro-2-butene	0.340	0.345	-1.5	99	0.00
82 T	4-Chlorotoluene	3.060	3.122	-2.0	94	0.00
83 T	tert-Butylbenzene	3.242	3.278	-1.1	95	0.00
84 T	1,2,4-Trimethylbenzene	3.175	3.298	-3.9	95	0.00
85 T	sec-Butylbenzene	3.884	4.094	-5.4	95	0.00
86 T	p-Isopropyltoluene	3.139	3.315	-5.6	94	0.00
87 T	1,3-Dichlorobenzene	1.643	1.655	-0.7	97	0.00
88 T	1,4-Dichlorobenzene	1.662	1.665	-0.2	96	0.00
89 T	n-Butylbenzene	2.703	2.955	-9.3	95	0.00
90 T	Hexachloroethane	0.568	0.589	-3.7	95	0.00
91 T	1,2-Dichlorobenzene	1.648	1.677	-1.8	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.279	0.297	-6.5	100	0.00
93 T	1,2,4-Trichlorobenzene	0.938	1.029	-9.7	99	0.00
94 T	Hexachlorobutadiene	0.385	0.385	0.0	96	0.00
95 T	Naphthalene	3.605	3.977	-10.3	99	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045075.D
Acq On : 28 Feb 2025 04:33
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Quant Time: Feb 28 06:55:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.990	1.070	-8.1	98	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
 Data File : VX045075.D
 Acq On : 28 Feb 2025 04:33
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022825

Quant Time: Feb 28 06:55:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 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	98	0.00
2 T	Dichlorodifluoromethane	50.000	47.933	4.1	95	0.00
3 P	Chloromethane	50.000	48.696	2.6	98	0.00
4 C	Vinyl Chloride	50.000	49.529	0.9#	98	0.00
5 T	Bromomethane	50.000	46.190	7.6	93	0.00
6 T	Chloroethane	50.000	41.948	16.1	78	0.00
7 T	Trichlorofluoromethane	50.000	49.569	0.9	94	0.00
8 T	Diethyl Ether	50.000	48.651	2.7	98	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.367	-0.7	97	0.00
10 T	Methyl Iodide	50.000	50.541	-1.1	94	0.00
11 T	Tert butyl alcohol	250.000	238.577	4.6	106	0.00
12 CM	1,1-Dichloroethene	50.000	49.568	0.9#	96	0.00
13 T	Acrolein	250.000	271.255	-8.5	107	0.00
14 T	Allyl chloride	50.000	51.691	-3.4	100	0.00
15 T	Acrylonitrile	250.000	255.479	-2.2	99	0.00
16 T	Acetone	250.000	242.877	2.8	100	0.00
17 T	Carbon Disulfide	50.000	49.952	0.1	97	0.00
18 T	Methyl Acetate	50.000	50.312	-0.6	101	0.00
19 T	Methyl tert-butyl Ether	50.000	53.114	-6.2	103	0.00
20 T	Methylene Chloride	50.000	49.639	0.7	102	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.172	-2.3	97	0.00
22 T	Diisopropyl ether	50.000	53.955	-7.9	103	0.00
23 T	Vinyl Acetate	250.000	282.313	-12.9	105	0.00
24 P	1,1-Dichloroethane	50.000	51.190	-2.4	101	0.00
25 T	2-Butanone	250.000	264.040	-5.6	100	0.00
26 T	2,2-Dichloropropane	50.000	49.401	1.2	95	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.606	-3.2	100	0.00
28 T	Bromochloromethane	50.000	50.399	-0.8	98	0.00
29 T	Tetrahydrofuran	250.000	258.277	-3.3	102	0.00
30 C	Chloroform	50.000	50.236	-0.5#	98	0.00
31 T	Cyclohexane	50.000	50.158	-0.3	96	0.00
32 T	1,1,1-Trichloroethane	50.000	50.939	-1.9	98	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.297	-0.6	104	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	99	0.00
35 S	Dibromofluoromethane	50.000	50.841	-1.7	103	0.00
36 T	1,1-Dichloropropene	50.000	48.770	2.5	95	0.00
37 T	Ethyl Acetate	50.000	51.596	-3.2	100	0.00
38 T	Carbon Tetrachloride	50.000	49.425	1.2	98	0.00
39 T	Methylcyclohexane	50.000	51.169	-2.3	95	0.00
40 TM	Benzene	50.000	51.195	-2.4	98	0.00
41 T	Methacrylonitrile	50.000	53.352	-6.7	99	0.00
42 TM	1,2-Dichloroethane	50.000	50.718	-1.4	99	0.00
43 T	Isopropyl Acetate	50.000	54.452	-8.9	102	0.00
44 TM	Trichloroethene	50.000	48.924	2.2	97	0.00
45 C	1,2-Dichloropropane	50.000	51.086	-2.2#	102	0.00
46 T	Dibromomethane	50.000	51.661	-3.3	100	0.00
47 T	Bromodichloromethane	50.000	50.930	-1.9	99	0.00
48 T	Methyl methacrylate	50.000	54.016	-8.0	102	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
 Data File : VX045075.D
 Acq On : 28 Feb 2025 04:33
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022825

Quant Time: Feb 28 06:55:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 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	1049.007	-4.9	102	0.00
50 S	Toluene-d8	50.000	50.364	-0.7	100	0.00
51 T	4-Methyl-2-Pentanone	250.000	259.995	-4.0	99	0.00
52 CM	Toluene	50.000	51.020	-2.0#	96	0.00
53 T	t-1,3-Dichloropropene	50.000	54.247	-8.5	99	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.732	-5.5	98	0.00
55 T	1,1,2-Trichloroethane	50.000	50.232	-0.5	98	0.00
56 T	Ethyl methacrylate	50.000	54.109	-8.2	100	0.00
57 T	1,3-Dichloropropane	50.000	51.312	-2.6	99	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	275.557	-10.2	100	0.00
59 T	2-Hexanone	250.000	265.049	-6.0	100	0.00
60 T	Dibromochloromethane	50.000	51.374	-2.7	97	0.00
61 T	1,2-Dibromoethane	50.000	51.492	-3.0	100	0.00
62 S	4-Bromofluorobenzene	50.000	49.240	1.5	98	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	97	0.00
64 T	Tetrachloroethene	50.000	50.126	-0.3	96	0.00
65 PM	Chlorobenzene	50.000	50.580	-1.2	95	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.102	-2.2	99	0.00
67 C	Ethyl Benzene	50.000	51.621	-3.2#	95	0.00
68 T	m/p-Xylenes	100.000	103.454	-3.5	94	0.00
69 T	o-Xylene	50.000	50.668	-1.3	95	0.00
70 T	Styrene	50.000	52.177	-4.4	95	0.00
71 P	Bromoform	50.000	52.636	-5.3	99	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73 T	Isopropylbenzene	50.000	51.589	-3.2	95	0.00
74 T	N-amyl acetate	50.000	56.851	-13.7	103	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.741	-1.5	100	0.00
76 T	1,2,3-Trichloropropane	50.000	49.940	0.1	99	0.00
77 T	Bromobenzene	50.000	50.360	-0.7	96	0.00
78 T	n-propylbenzene	50.000	52.203	-4.4	93	0.00
79 T	2-Chlorotoluene	50.000	49.338	1.3	94	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.544	-3.1	94	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.757	-1.5	99	0.00
82 T	4-Chlorotoluene	50.000	51.009	-2.0	94	0.00
83 T	tert-Butylbenzene	50.000	50.552	-1.1	95	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.932	-3.9	95	0.00
85 T	sec-Butylbenzene	50.000	52.703	-5.4	95	0.00
86 T	p-Isopropyltoluene	50.000	52.803	-5.6	94	0.00
87 T	1,3-Dichlorobenzene	50.000	50.372	-0.7	97	0.00
88 T	1,4-Dichlorobenzene	50.000	50.097	-0.2	96	0.00
89 T	n-Butylbenzene	50.000	54.662	-9.3	95	0.00
90 T	Hexachloroethane	50.000	51.866	-3.7	95	0.00
91 T	1,2-Dichlorobenzene	50.000	50.899	-1.8	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.199	-6.4	100	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.834	-9.7	99	0.00
94 T	Hexachlorobutadiene	50.000	50.032	-0.1	96	0.00
95 T	Naphthalene	50.000	55.163	-10.3	99	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045075.D
Acq On : 28 Feb 2025 04:33
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Quant Time: Feb 28 06:55:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 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	54.049	-8.1	98	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: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1525 SAS No.: Q1525 SDG No.: Q1525

Instrument ID: MSVOA_X Calibration Date/Time: 03/11/2025 09:59

Lab File ID: VX045211.D Init. Calib. Date(s): 02/28/2025 02/28/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 01:27 03:47

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chloromethane	0.770	0.731	0.1	-5.07	20
Vinyl Chloride	0.764	0.723		-5.37	20
Bromomethane	0.300	0.303		1	20
Chloroethane	0.352	0.386		9.66	20
Tert butyl alcohol	0.151	0.117		-22.52	20
1,1-Dichloroethene	0.614	0.615		0.16	20
Acetone	0.369	0.381		3.25	20
Carbon Disulfide	1.636	1.547		-5.44	20
Methyl tert-butyl Ether	2.061	2.061		0	20
Methylene Chloride	0.731	0.714		-2.33	20
trans-1,2-Dichloroethene	0.607	0.616		1.48	20
1,1-Dichloroethane	1.247	1.245	0.1	-0.16	20
2-Butanone	0.555	0.581		4.68	20
Carbon Tetrachloride	0.465	0.493		6.02	20
cis-1,2-Dichloroethene	0.749	0.755		0.8	20
Chloroform	1.239	1.234		-0.4	20
1,1,1-Trichloroethane	1.000	1.017		1.7	20
Benzene	1.448	1.486		2.62	20
1,2-Dichloroethane	0.521	0.546		4.8	20
Trichloroethene	0.340	0.354		4.12	20
1,2-Dichloropropane	0.372	0.380		2.15	20
Bromodichloromethane	0.516	0.557		7.95	20
4-Methyl-2-Pentanone	0.587	0.636		8.35	20
Toluene	0.849	0.900		6.01	20
t-1,3-Dichloropropene	0.431	0.514		19.26	20
cis-1,3-Dichloropropene	0.503	0.580		15.31	20
1,1,2-Trichloroethane	0.350	0.361		3.14	20
2-Hexanone	0.425	0.458		7.76	20
Dibromochloromethane	0.366	0.404		10.38	20
Tetrachloroethene	0.320	0.336		5	20
Chlorobenzene	1.058	1.120	0.3	5.86	20
Ethyl Benzene	1.843	1.996		8.3	20
m/p-Xylenes	0.675	0.738		9.33	20
o-Xylene	0.681	0.724		6.31	20
Styrene	1.101	1.222		10.99	20
Bromoform	0.266	0.306	0.1	15.04	20
1,1,2,2-Tetrachloroethane	1.432	1.392	0.3	-2.79	20
1,2-Dichloroethane-d4	0.795	0.792		-0.38	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.



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Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1525 SAS No.: Q1525 SDG No.: Q1525

Instrument ID: MSVOA_X Calibration Date/Time: 03/11/2025 09:59

Lab File ID: VX045211.D Init. Calib. Date(s): 02/28/2025 02/28/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 01:27 03:47

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dibromofluoromethane	0.334	0.355		6.29	20
Toluene-d8	1.212	1.251		3.22	20
4-Bromofluorobenzene	0.402	0.446		10.94	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\VX031125\
 Data File : VX045211.D
 Acq On : 11 Mar 2025 09:59
 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 03/12/2025
 Supervised By : Mahesh Dadoda 03/12/2025

Quant Time: Mar 12 01:41:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	101357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	176548	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	153652	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	70136	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.946	65	80318	49.818	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.640%
35) Dibromofluoromethane	5.373	113	62691	53.104	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.200%
50) Toluene-d8	8.641	98	220779	51.586	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.180%
62) 4-Bromofluorobenzene	11.079	95	78726	55.511	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	111.020%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.167	85	66819	52.372	ug/l	97
3) Chloromethane	1.301	50	74121	47.472	ug/l	97
4) Vinyl Chloride	1.374	62	73280	47.311	ug/l	97
5) Bromomethane	1.593	94	30682	50.390	ug/l	99
6) Chloroethane	1.660	64	39147	54.794	ug/l	100
7) Trichlorofluoromethane	1.874	101	104874	51.147	ug/l	99
8) Diethyl Ether	2.130	74	37439	46.681	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	65226	55.369	ug/l	99
10) Methyl Iodide	2.441	142	77939	52.942	ug/l	98
11) Tert butyl alcohol	2.977	59	59389	194.474	ug/l	97
12) 1,1-Dichloroethene	2.307	96	62298	50.020	ug/l	99
13) Acrolein	2.233	56	77625	219.893	ug/l	100
14) Allyl chloride	2.654	41	118042	53.245	ug/l	99
15) Acrylonitrile	3.063	53	209132	255.519	ug/l	99
16) Acetone	2.380	43	192994	258.004	ug/l	99
17) Carbon Disulfide	2.502	76	156835	47.279	ug/l	96
18) Methyl Acetate	2.703	43	101610	56.465	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	208892	49.992	ug/l	100
20) Methylene Chloride	2.782	84	72325	48.811	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	62483	50.781	ug/l	96
22) Diisopropyl ether	3.758	45	233037	51.685	ug/l	96
23) Vinyl Acetate	3.715	43	995766	264.646	ug/l	98
24) 1,1-Dichloroethane	3.599	63	126144	49.921	ug/l	99
25) 2-Butanone	4.550	43	294568	261.614	ug/l	99
26) 2,2-Dichloropropane	4.465	77	91726	77.390	ug/l	95
27) cis-1,2-Dichloroethene	4.477	96	76526	50.382	ug/l	96
28) Bromochloromethane	4.891	49	58687	48.726	ug/l	99
29) Tetrahydrofuran	5.001	42	185916	245.874	ug/l	99
30) Chloroform	5.087	83	125081	49.818	ug/l	100
31) Cyclohexane	5.458	56	112624	51.345	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	103045	50.816	ug/l	98
36) 1,1-Dichloropropene	5.684	75	83960	51.860	ug/l	100
37) Ethyl Acetate	4.709	43	108170	51.851	ug/l	99
38) Carbon Tetrachloride	5.666	117	87028	52.948	ug/l	98
39) Methylcyclohexane	7.373	83	109872	56.638	ug/l	99
40) Benzene	6.025	78	262366	51.320	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
 Data File : VX045211.D
 Acq On : 11 Mar 2025 09:59
 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 03/12/2025
 Supervised By : Mahesh Dadoda 03/12/2025

Quant Time: Mar 12 01:41:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	60141	53.315	ug/l	98
42) 1,2-Dichloroethane	6.080	62	96385	52.356	ug/l	99
43) Isopropyl Acetate	6.336	43	168322	54.564	ug/l	99
44) Trichloroethene	7.117	130	62473	52.042	ug/l	100
45) 1,2-Dichloropropane	7.422	63	67025	50.991	ug/l	99
46) Dibromomethane	7.574	93	49158	52.911	ug/l	98
47) Bromodichloromethane	7.818	83	98381	53.986	ug/l	99
48) Methyl methacrylate	7.690	41	83051	53.663	ug/l	97
49) 1,4-Dioxane	7.659	88	29383	900.059	ug/l	99
51) 4-Methyl-2-Pentanone	8.568	43	561413	271.045	ug/l	100
52) Toluene	8.714	92	158892	52.972	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	90808	59.606	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	102314	57.592	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	63793	51.661	ug/l	97
56) Ethyl methacrylate	9.116	69	104915	55.894	ug/l	99
57) 1,3-Dichloropropane	9.305	76	111402	52.131	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	266994	291.597	ug/l	99
59) 2-Hexanone	9.427	43	404272	269.382	ug/l	100
60) Dibromochloromethane	9.519	129	71357	55.267	ug/l	99
61) 1,2-Dibromoethane	9.604	107	65874	53.438	ug/l	97
64) Tetrachloroethene	9.269	164	51638	52.473	ug/l	94
65) Chlorobenzene	10.073	112	172081	52.928	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	57191	52.821	ug/l	99
67) Ethyl Benzene	10.189	91	306683	54.136	ug/l	98
68) m/p-Xylenes	10.299	106	226899	109.410	ug/l	99
69) o-Xylene	10.640	106	111278	53.202	ug/l	98
70) Styrene	10.653	104	187697	55.460	ug/l	99
71) Bromoform	10.799	173	46985	57.546	ug/l #	98
73) Isopropylbenzene	10.957	105	293007	53.524	ug/l	99
74) N-amyl acetate	10.842	43	137353	53.471	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	97628	48.598	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	82866m	50.763	ug/l	
77) Bromobenzene	11.195	156	66839	51.748	ug/l	99
78) n-propylbenzene	11.299	91	345156	55.815	ug/l	99
79) 2-Chlorotoluene	11.360	91	203667	51.714	ug/l	99
80) 1,3,5-Trimethylbenzene	11.445	105	239185	54.036	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	28423	59.586	ug/l	97
82) 4-Chlorotoluene	11.451	91	230104	53.609	ug/l	100
83) tert-Butylbenzene	11.713	119	240128	52.798	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	240636	54.029	ug/l	100
85) sec-Butylbenzene	11.890	105	306106	56.188	ug/l	99
86) p-Isopropyltoluene	12.006	119	247047	56.113	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	118813	51.564	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	118921	51.014	ug/l	98
89) n-Butylbenzene	12.329	91	225130	59.371	ug/l	100
90) Hexachloroethane	12.536	117	43824	55.032	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	117166	50.690	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20560	52.534	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	72696	55.234	ug/l	99
94) Hexachlorobutadiene	13.725	225	30733	56.956	ug/l	98
95) Naphthalene	13.774	128	261123	51.639	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	72754	52.399	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
Data File : VX045211.D
Acq On : 11 Mar 2025 09:59
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 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

Quant Time: Mar 12 01:41:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

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

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

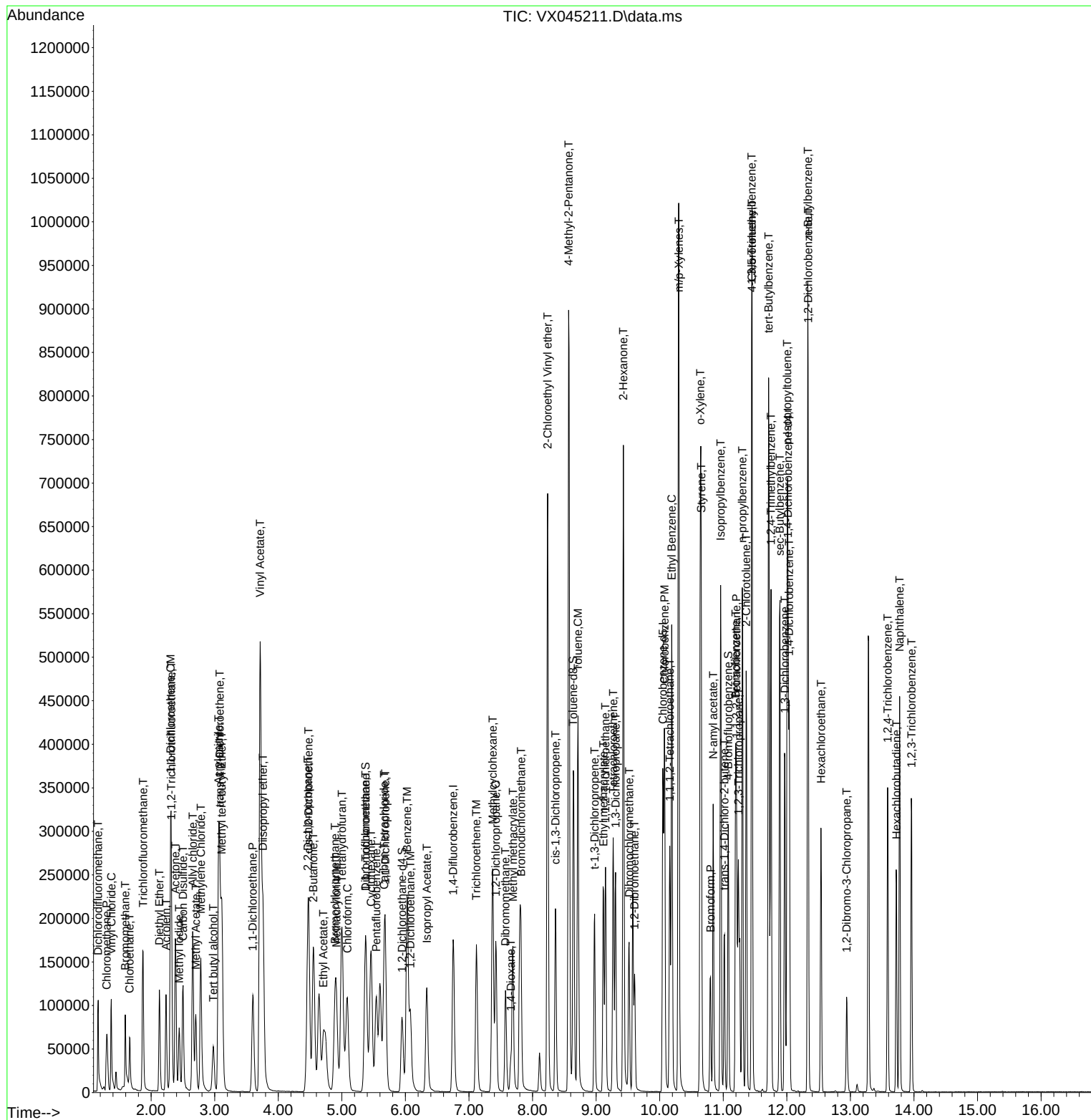
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Data File : VX045211.D
Acq On    : 11 Mar 2025   09:59
Operator  : JC/MD
Sample    : VSTDCCC050
Misc      : 5.0mL/MSVOA_X/WATER
ALS Vial  : 2      Sample Multiplier: 1
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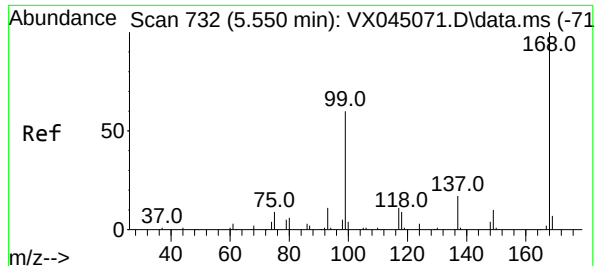
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

Quant Time: Mar 12 01:41:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration





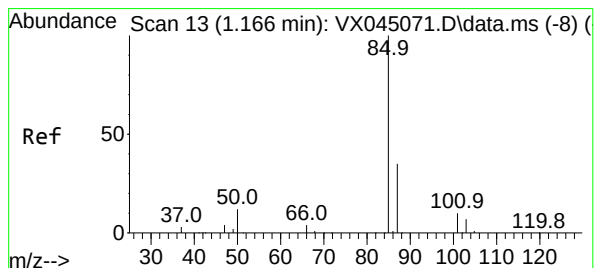
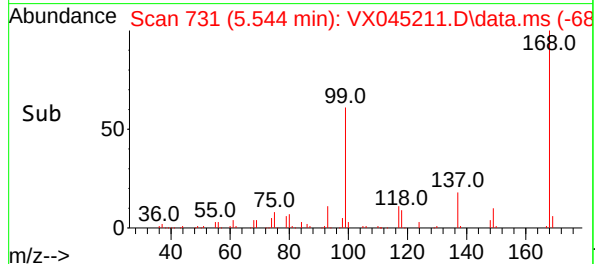
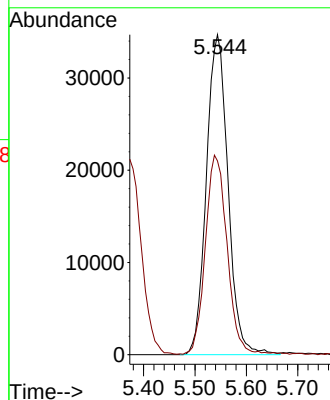
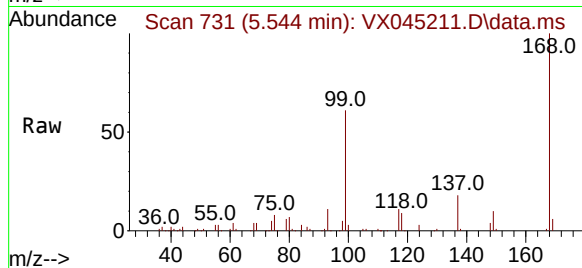
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 10135
Ion Ratio Lower Upper
168 100
99 60.3 48.2 72.4

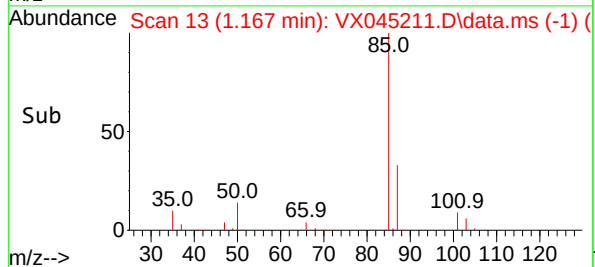
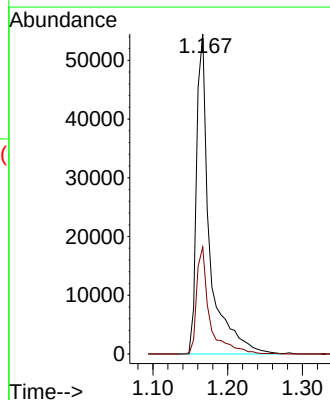
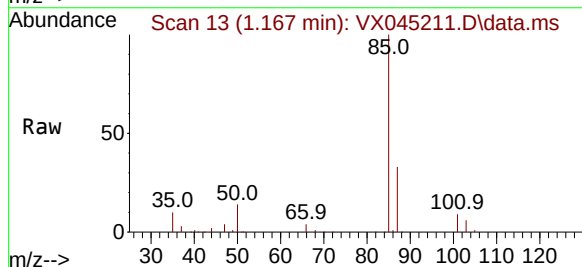
Manual Integrations
APPROVED

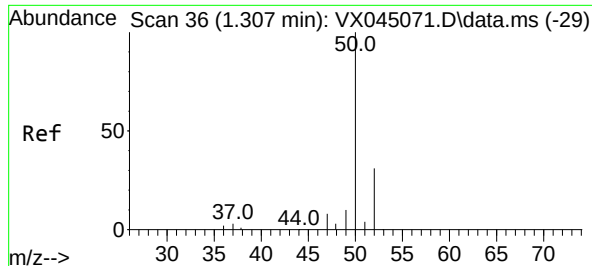
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#2
Dichlorodifluoromethane
Concen: 52.372 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Tgt Ion: 85 Resp: 66819
Ion Ratio Lower Upper
85 100
87 33.4 17.4 52.3





#3

Chloromethane

Concen: 47.472 ug/l

RT: 1.301 min Scan# 35

Delta R.T. -0.006 min

Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 7412

Ion Ratio Lower Upper

50 100

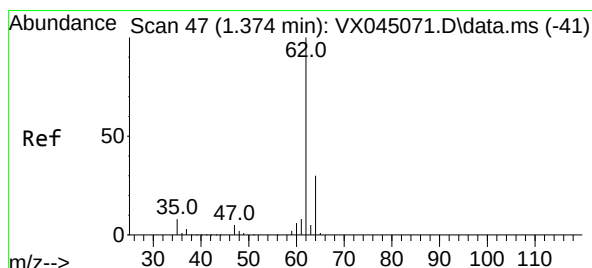
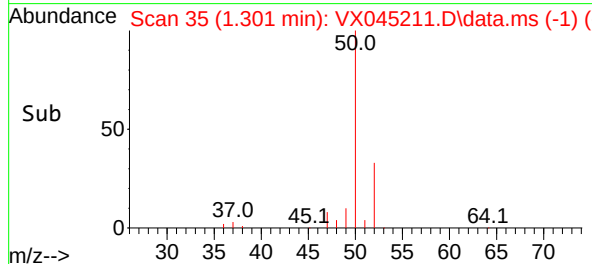
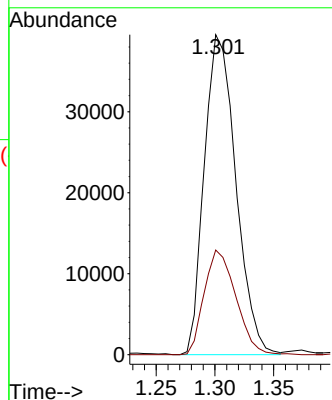
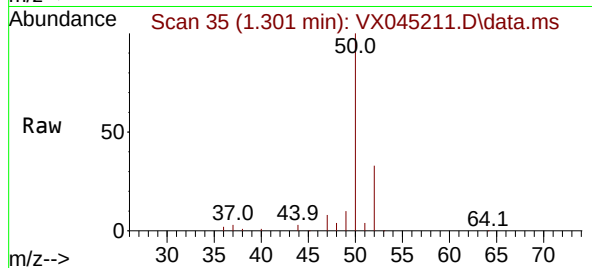
52 32.7 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#4

Vinyl Chloride

Concen: 47.311 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX045211.D

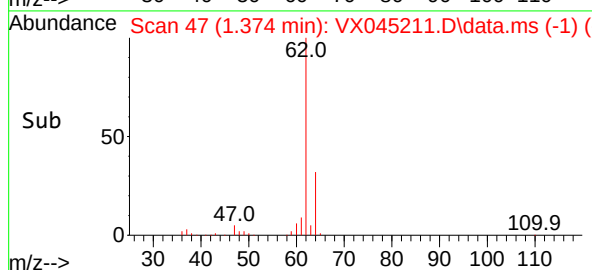
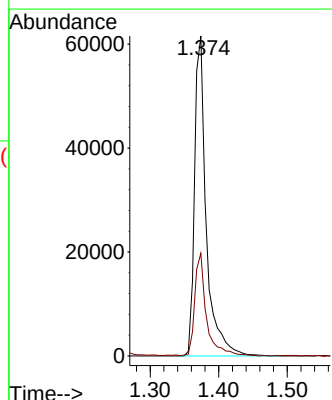
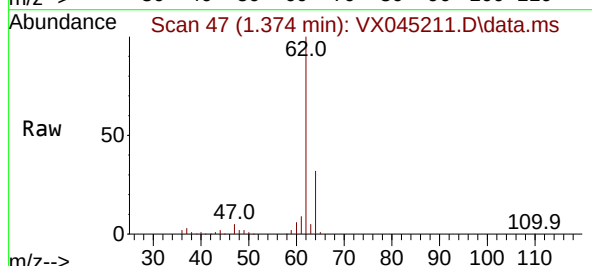
Acq: 11 Mar 2025 09:59

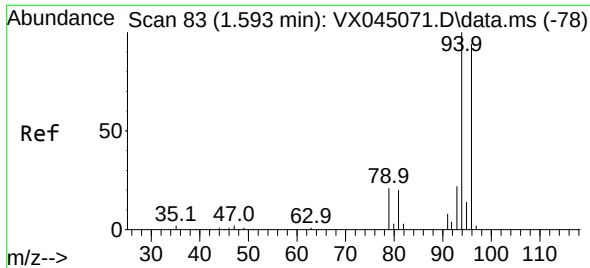
Tgt Ion: 62 Resp: 73280

Ion Ratio Lower Upper

62 100

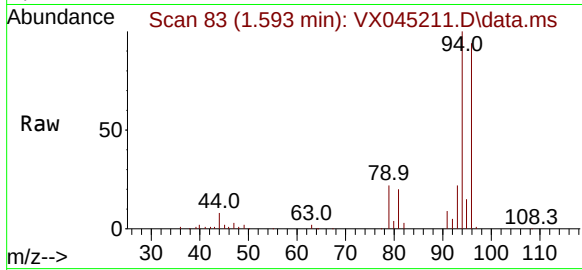
64 32.0 24.3 36.5





#5
Bromomethane
Concen: 50.390 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

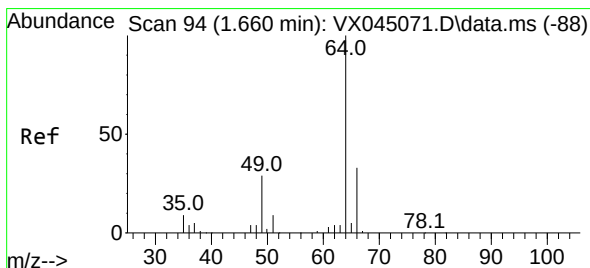
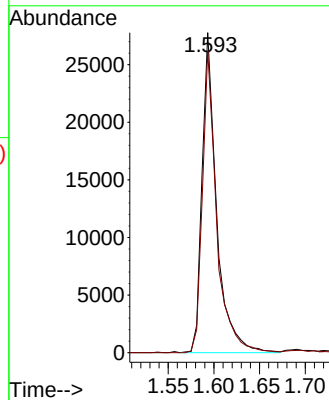
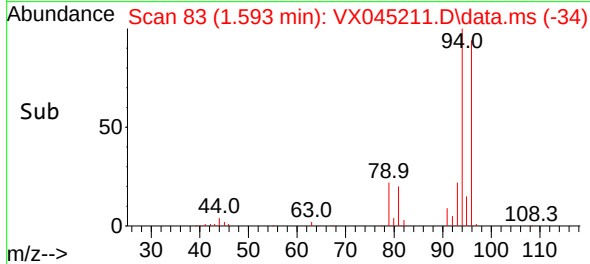
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 3068
Ion Ratio Lower Upper
94 100
96 94.3 75.0 112.4

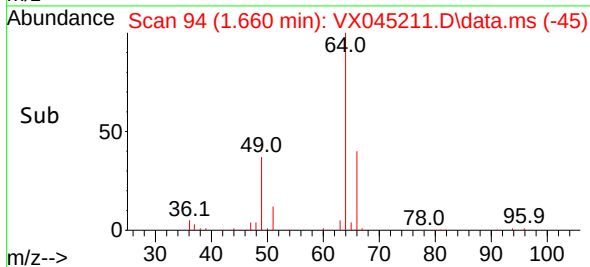
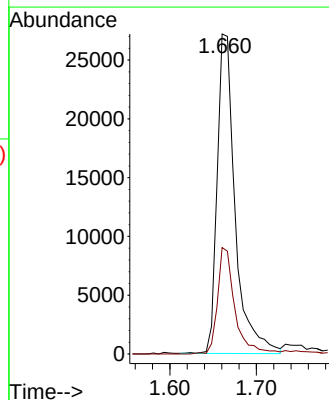
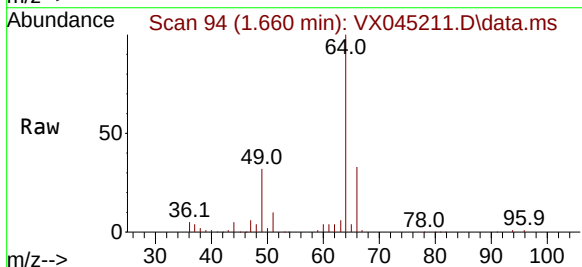
Manual Integrations
APPROVED

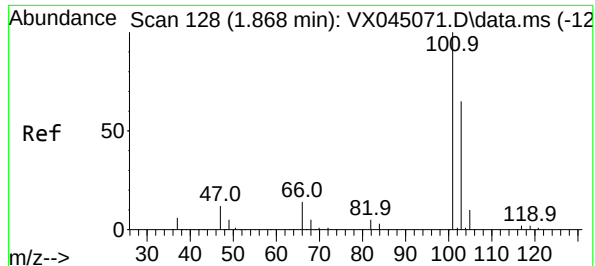
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#6
Chloroethane
Concen: 54.794 ug/l
RT: 1.660 min Scan# 94
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

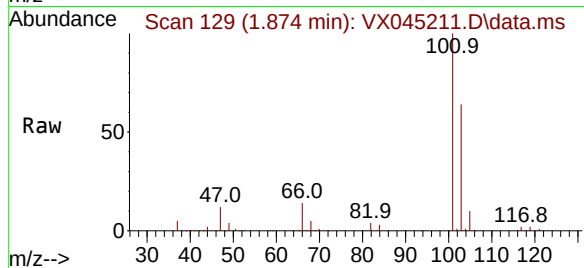
Tgt Ion: 64 Resp: 39147
Ion Ratio Lower Upper
64 100
66 33.3 26.7 40.1





#7
 Trichlorofluoromethane
 Concen: 51.147 ug/l
 RT: 1.874 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX045211.D
 Acq: 11 Mar 2025 09:59

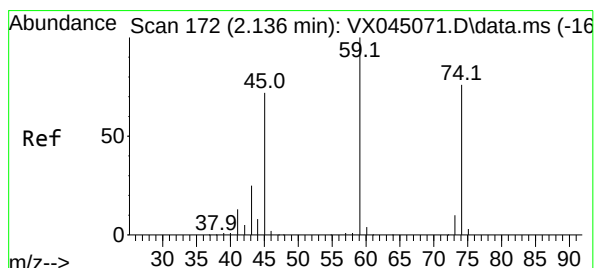
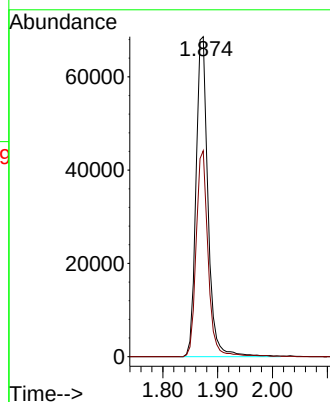
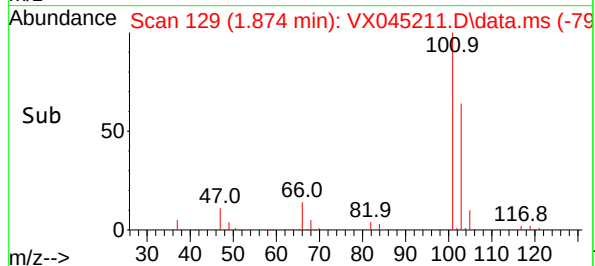
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 104874
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.1 78.1

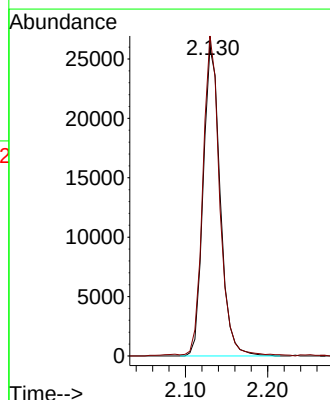
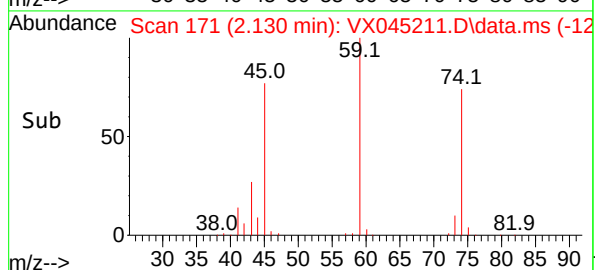
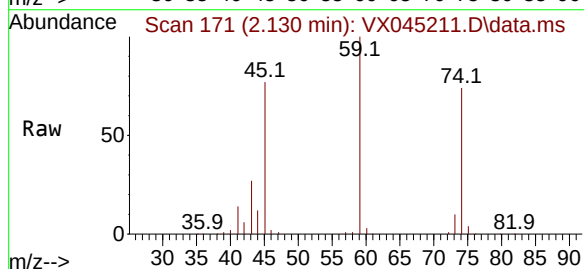
Manual Integrations
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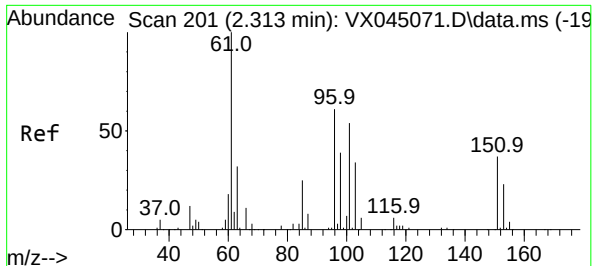
Reviewed By :John Carlone 03/12/2025
 Supervised By :Mahesh Dadoda 03/12/2025



#8
 Diethyl Ether
 Concen: 46.681 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX045211.D
 Acq: 11 Mar 2025 09:59

Tgt Ion: 74 Resp: 37439
 Ion Ratio Lower Upper
 74 100
 45 103.5 51.5 154.5





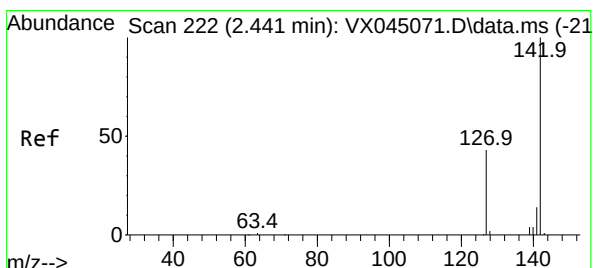
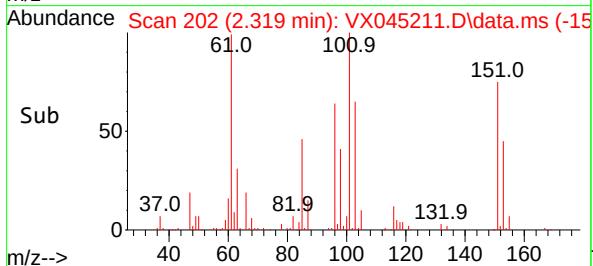
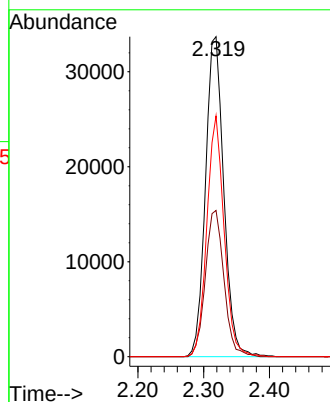
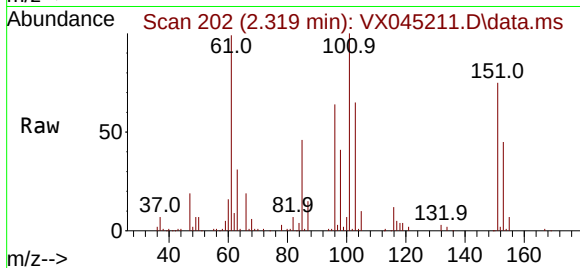
#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.369 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 65220
Ion Ratio Lower Upper
101 100
85 46.5 36.2 54.4
151 71.0 56.4 84.6

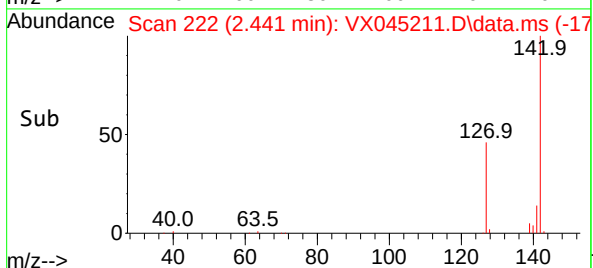
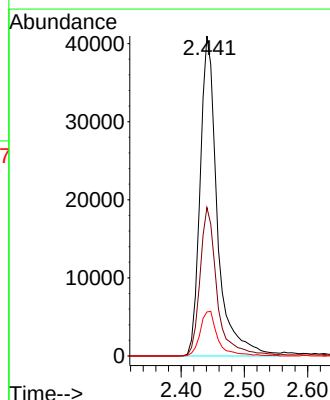
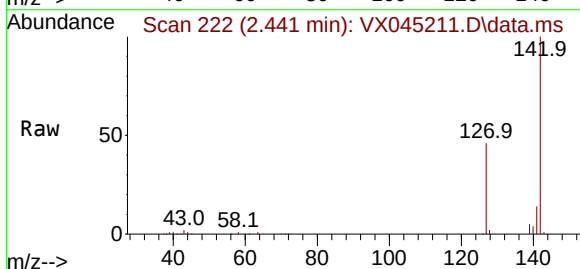
Manual Integrations
APPROVED

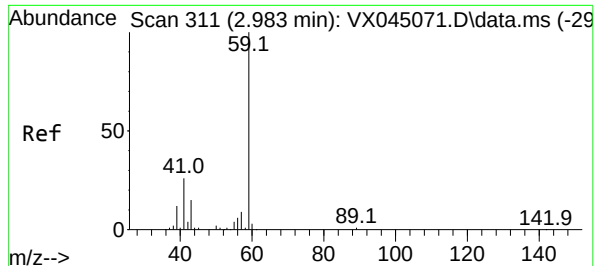
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#10
Methyl Iodide
Concen: 52.942 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Tgt Ion:142 Resp: 77939
Ion Ratio Lower Upper
142 100
127 46.0 35.4 53.2
141 14.3 11.6 17.4





#11

Tert butyl alcohol

Concen: 194.474 ug/l

RT: 2.977 min Scan# 311

Delta R.T. -0.006 min

Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 59389

Ion Ratio Lower Upper

59 100

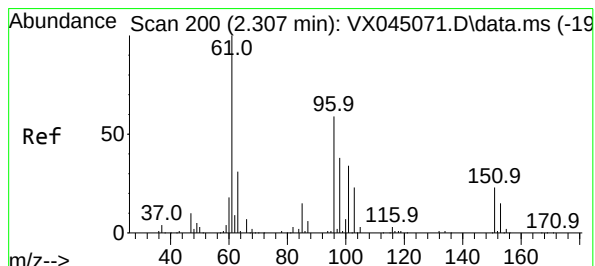
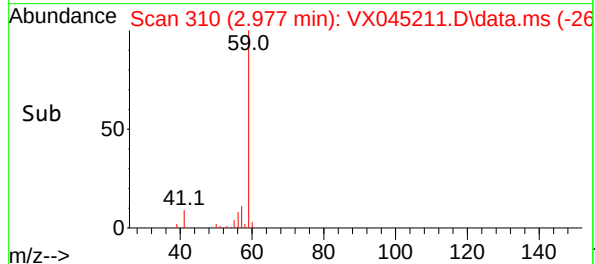
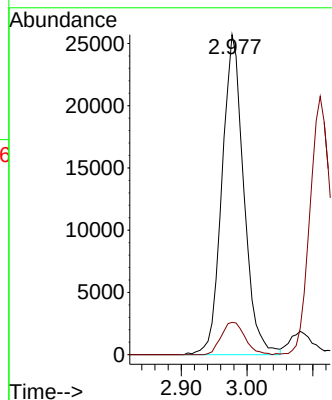
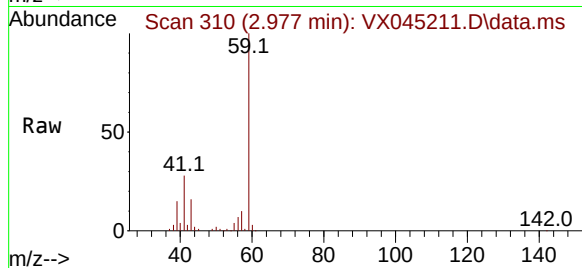
57 11.0 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#12

1,1-Dichloroethene

Concen: 50.020 ug/l

RT: 2.307 min Scan# 200

Delta R.T. 0.000 min

Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

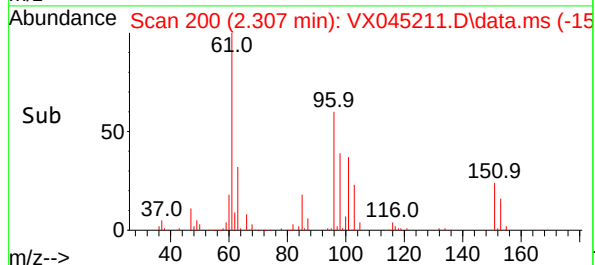
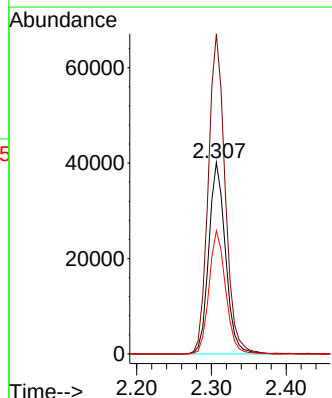
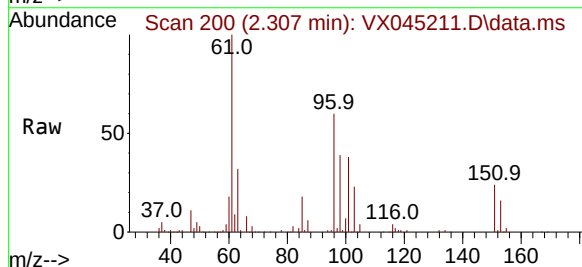
Tgt Ion: 96 Resp: 62298

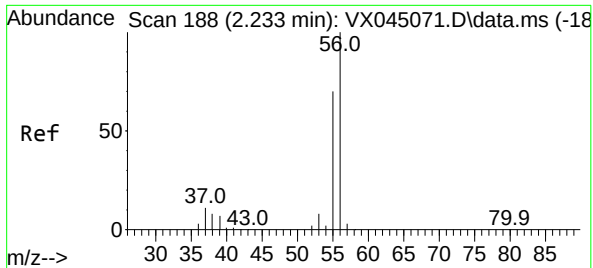
Ion Ratio Lower Upper

96 100

61 167.1 134.6 202.0

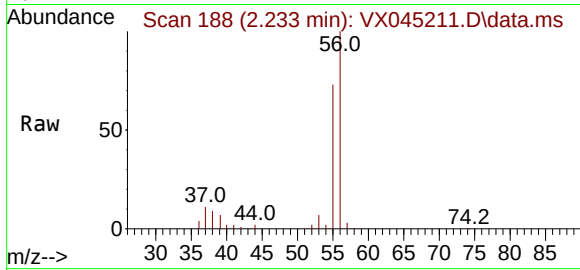
98 64.3 51.0 76.6





#13
Acrolein
Concen: 219.893 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

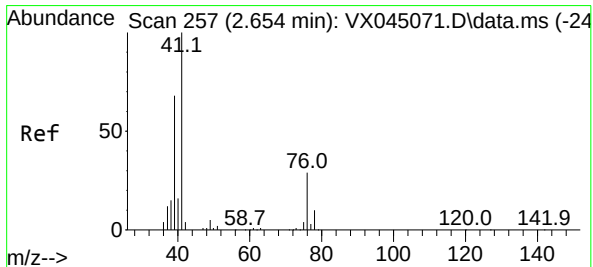
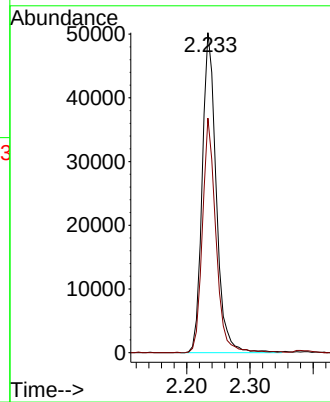
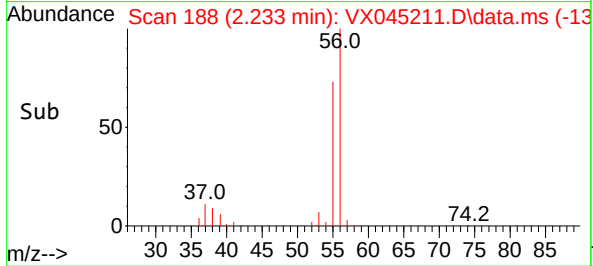
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 77625
Ion Ratio Lower Upper
56 100
55 70.2 56.2 84.4

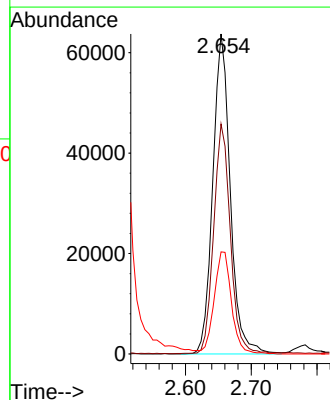
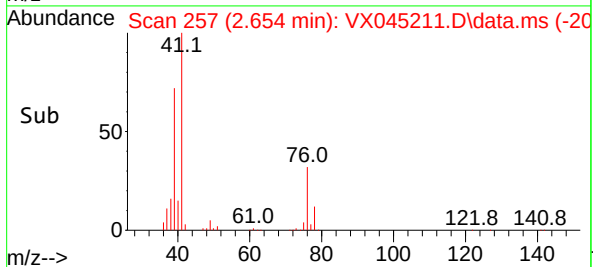
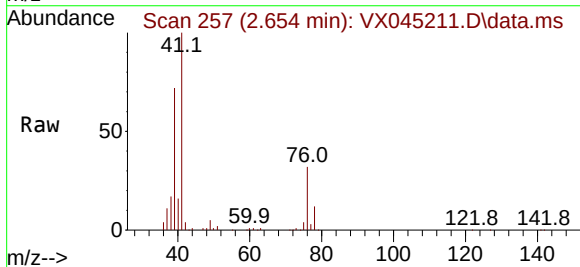
Manual Integrations
APPROVED

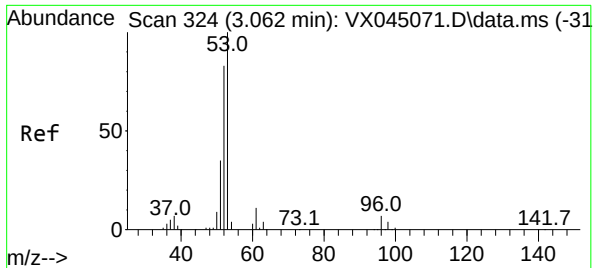
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#14
Allyl chloride
Concen: 53.245 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

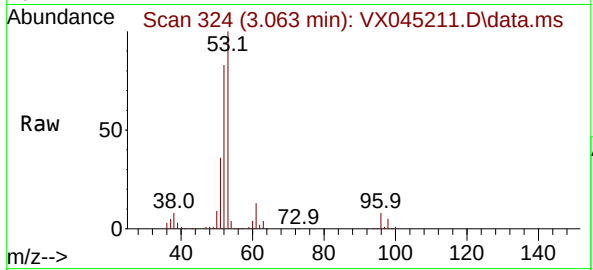
Tgt Ion: 41 Resp: 118042
Ion Ratio Lower Upper
41 100
39 68.3 53.8 80.8
76 31.7 25.2 37.8





#15
Acrylonitrile
Concen: 255.519 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

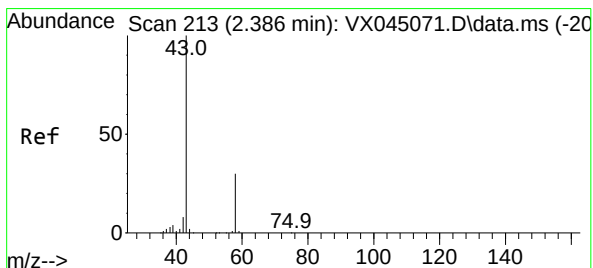
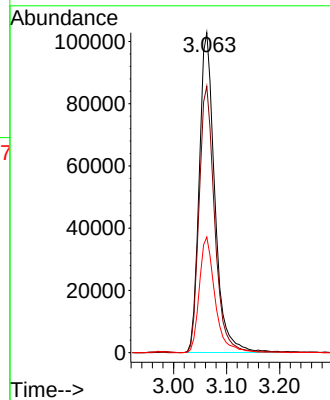
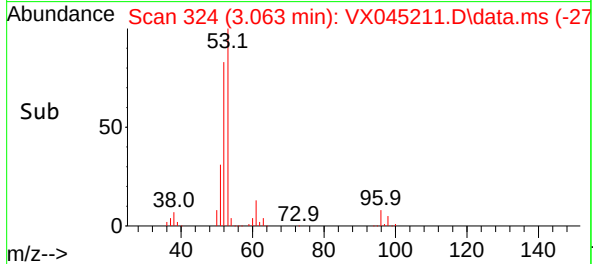
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 20913
Ion Ratio Lower Upper
53 100
52 83.6 66.2 99.2
51 36.8 29.0 43.4

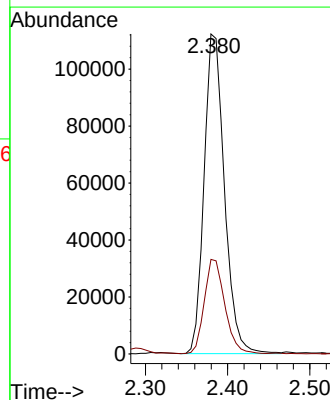
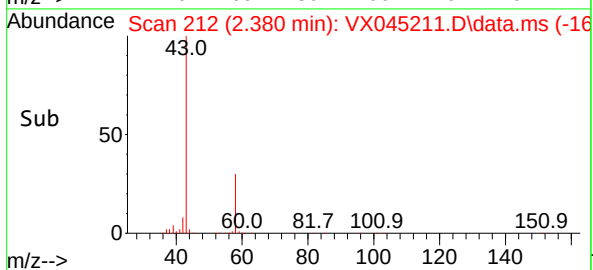
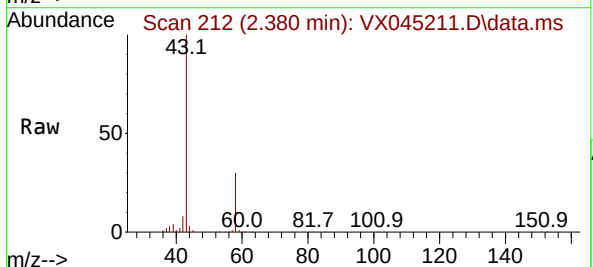
Manual Integrations
APPROVED

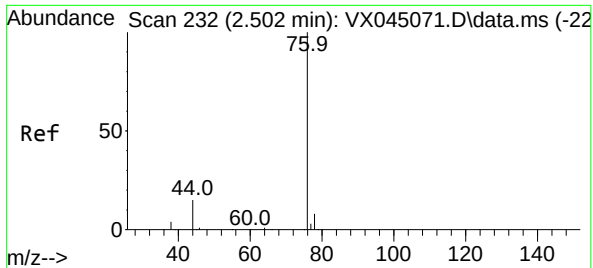
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#16
Acetone
Concen: 258.004 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Tgt Ion: 43 Resp: 192994
Ion Ratio Lower Upper
43 100
58 29.5 24.2 36.4





#17

Carbon Disulfide

Concen: 47.279 ug/l

RT: 2.502 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 15683

Ion Ratio Lower Upper

76 100

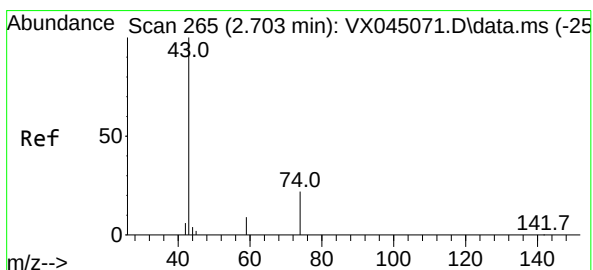
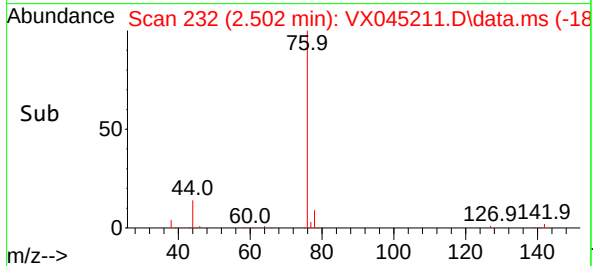
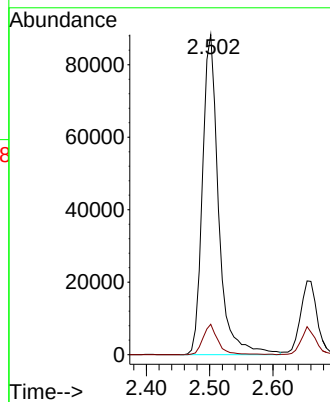
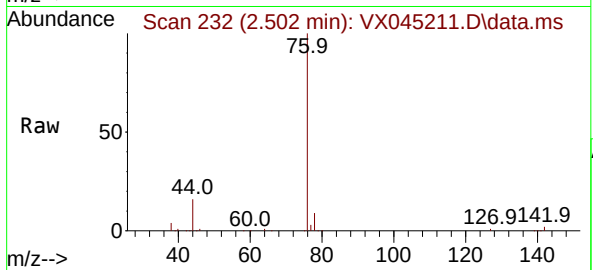
78 9.5 6.6 9.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#18

Methyl Acetate

Concen: 56.465 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX045211.D

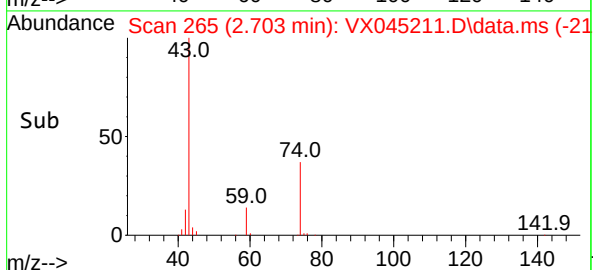
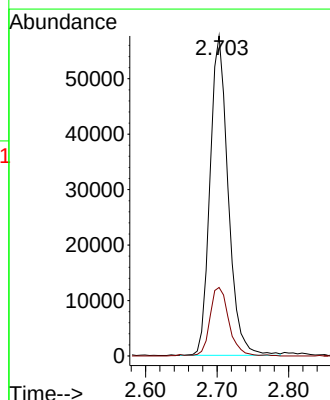
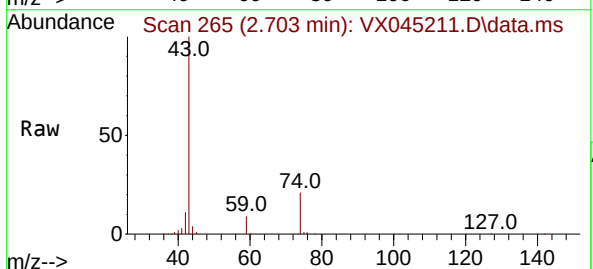
Acq: 11 Mar 2025 09:59

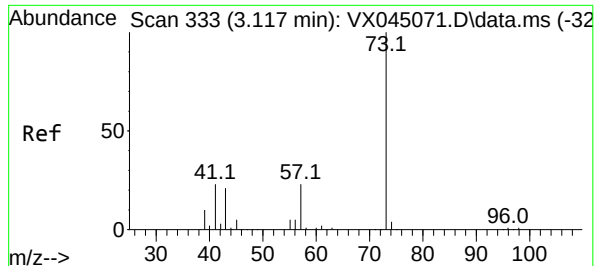
Tgt Ion: 43 Resp: 101610

Ion Ratio Lower Upper

43 100

74 22.4 17.4 26.2





#19

Methyl tert-butyl Ether

Concen: 49.992 ug/l

RT: 3.111 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 208892

Ion Ratio Lower Upper

73 100

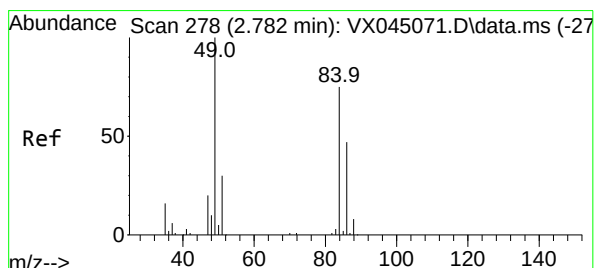
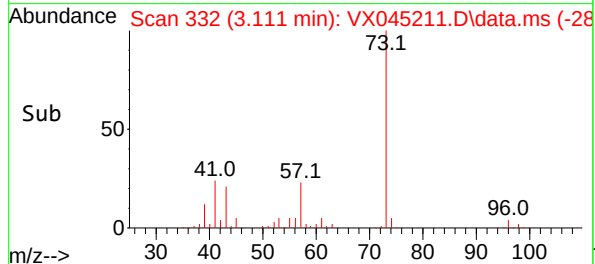
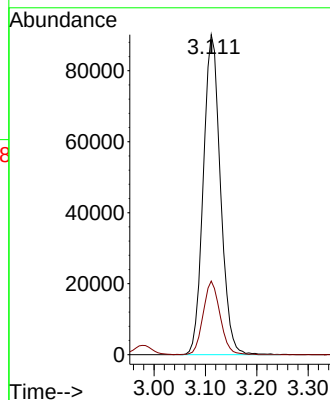
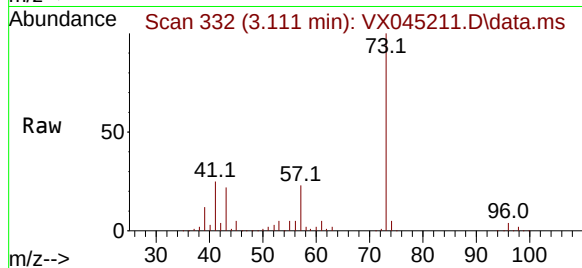
57 23.0 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#20

Methylene Chloride

Concen: 48.811 ug/l

RT: 2.782 min Scan# 278

Delta R.T. 0.000 min

Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

Tgt Ion: 84 Resp: 72325

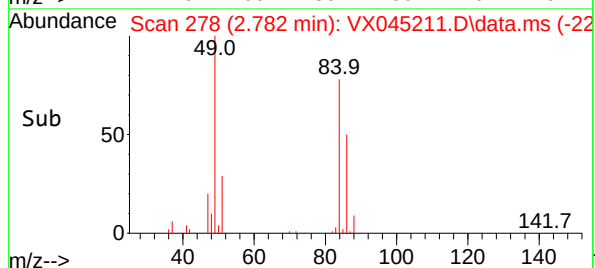
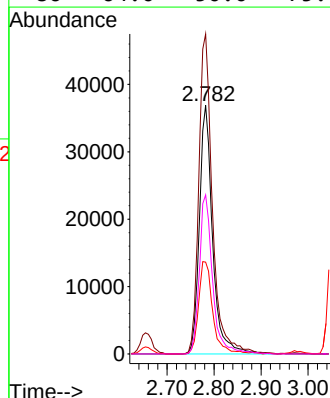
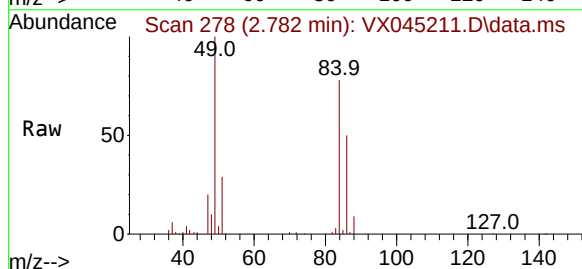
Ion Ratio Lower Upper

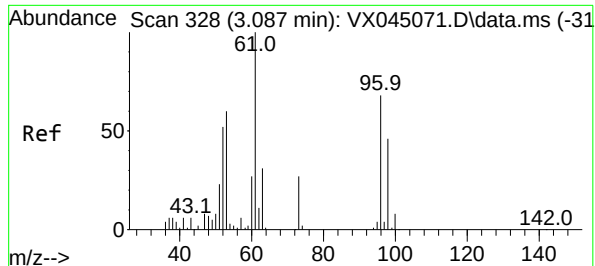
84 100

49 128.7 106.5 159.7

51 37.0 32.1 48.1

86 64.0 50.0 75.0





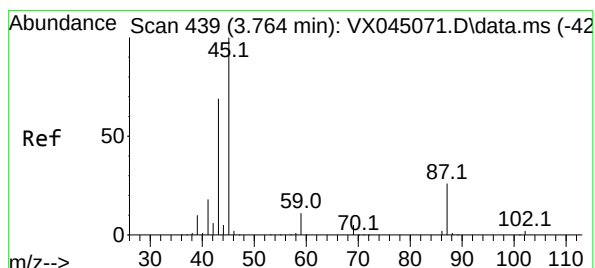
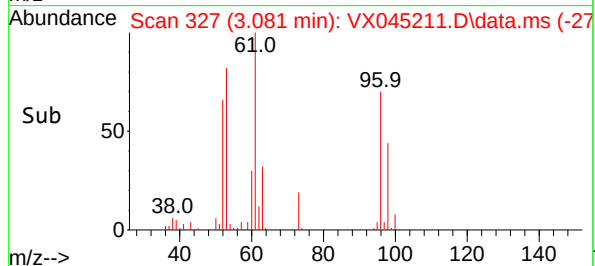
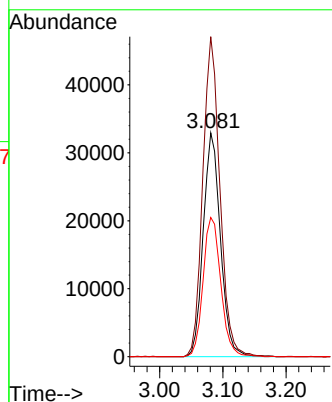
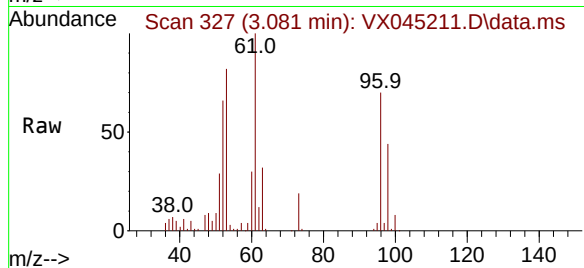
#21
trans-1,2-Dichloroethene
Concen: 50.781 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 6248
Ion Ratio Lower Upper
96 100
61 143.0 117.0 175.4
98 62.2 53.4 80.2

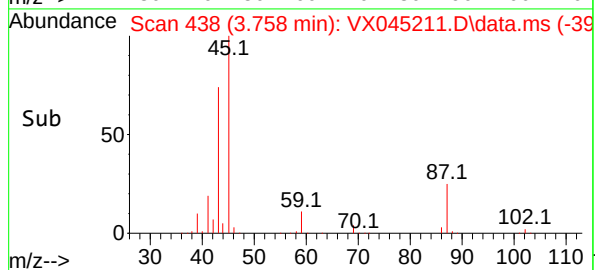
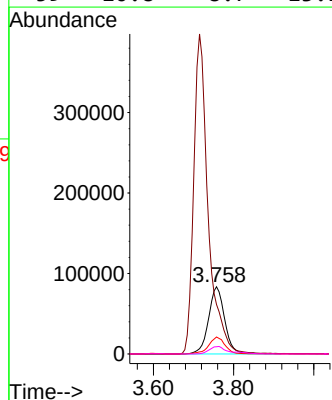
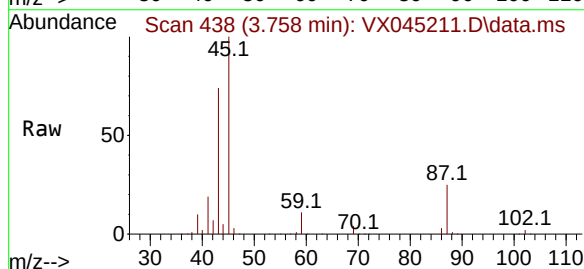
Manual Integrations
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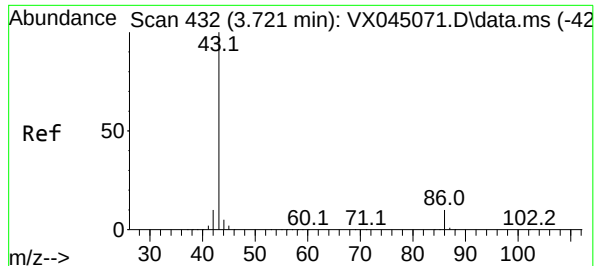
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#22
Diisopropyl ether
Concen: 51.685 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Tgt Ion: 45 Resp: 233037
Ion Ratio Lower Upper
45 100
43 73.5 54.9 82.3
87 25.3 21.0 31.4
59 10.8 8.7 13.1





#23

Vinyl Acetate

Concen: 264.646 ug/l

RT: 3.715 min Scan# 411

Delta R.T. -0.006 min

Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 995760

Ion Ratio Lower Upper

43 100

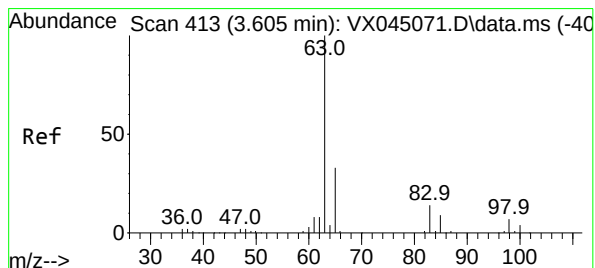
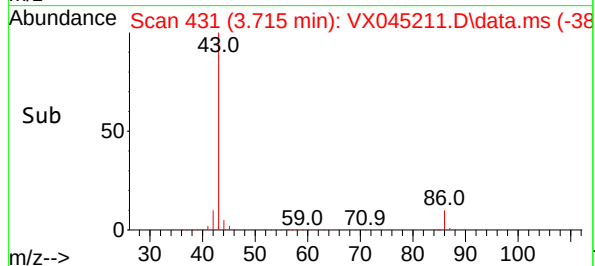
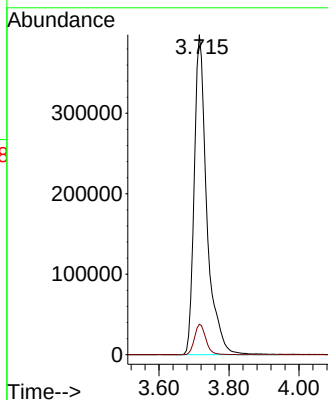
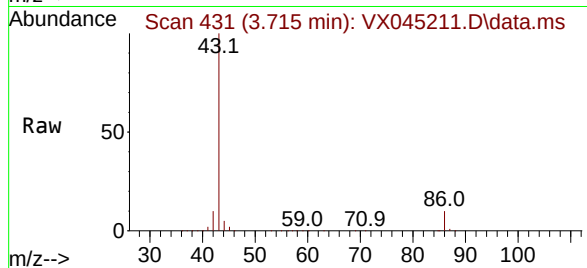
86 9.5 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#24

1,1-Dichloroethane

Concen: 49.921 ug/l

RT: 3.599 min Scan# 412

Delta R.T. -0.006 min

Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

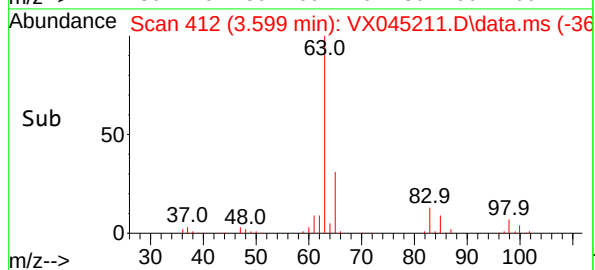
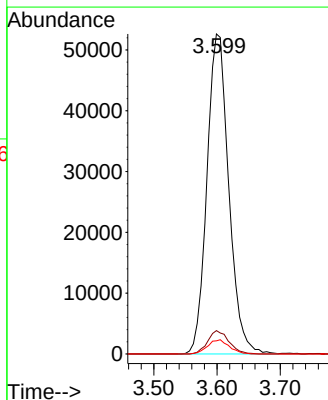
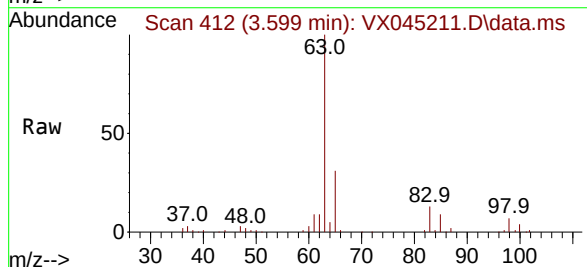
Tgt Ion: 63 Resp: 126144

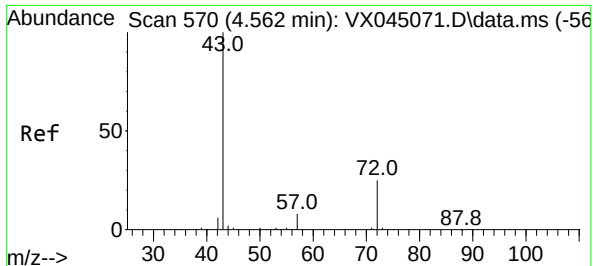
Ion Ratio Lower Upper

63 100

98 7.3 3.4 10.2

100 4.1 2.1 6.5





#25

2-Butanone

Concen: 261.614 ug/l

RT: 4.550 min Scan# 50

Delta R.T. -0.012 min

Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 29456

Ion Ratio Lower Upper

43 100

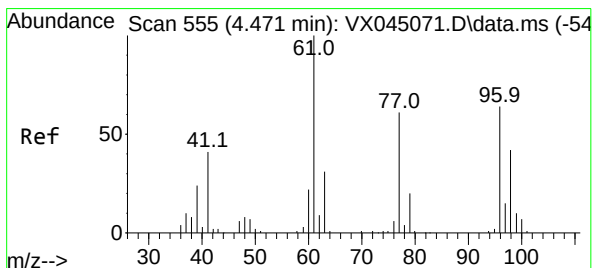
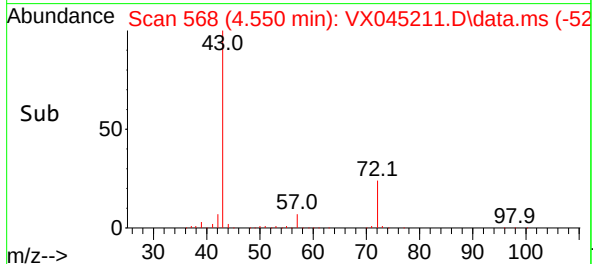
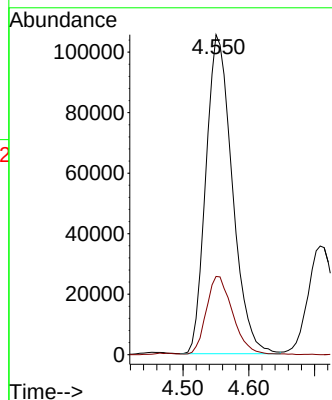
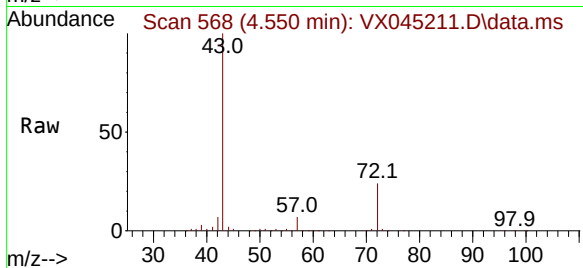
72 24.3 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#26

2,2-Dichloropropane

Concen: 77.390 ug/l

RT: 4.465 min Scan# 554

Delta R.T. -0.006 min

Lab File: VX045211.D

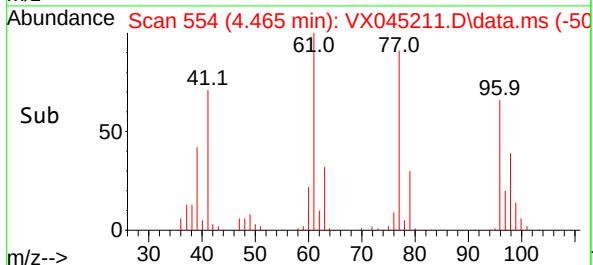
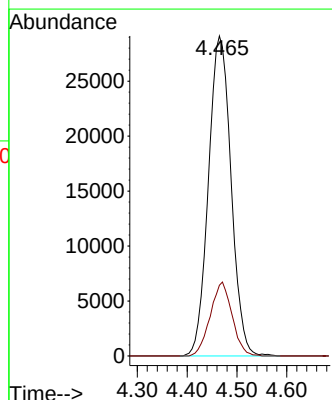
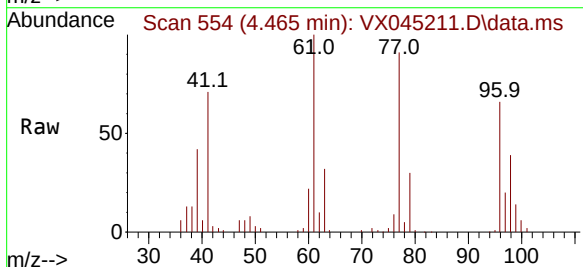
Acq: 11 Mar 2025 09:59

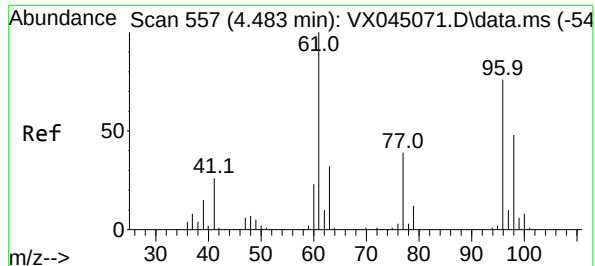
Tgt Ion: 77 Resp: 91726

Ion Ratio Lower Upper

77 100

97 22.3 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 50.382 ug/l

RT: 4.477 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 76520

Ion Ratio Lower Upper

96 100

61 148.9 0.0 283.2

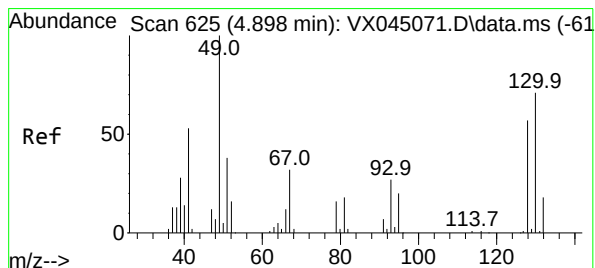
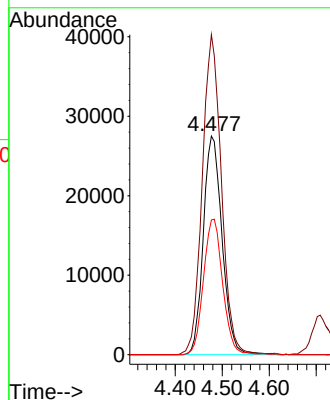
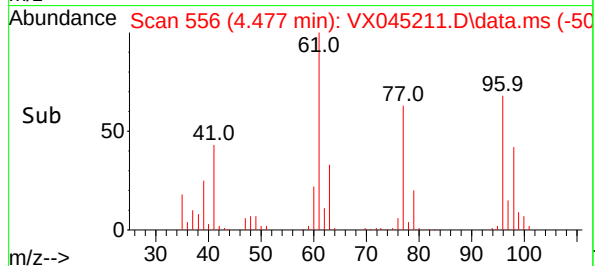
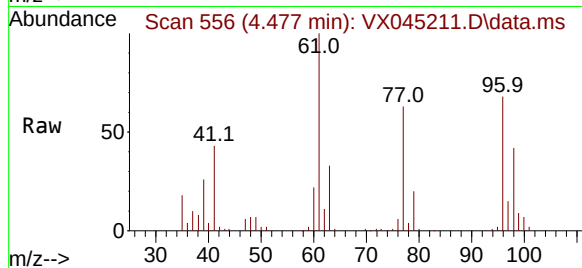
98 63.1 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#28

Bromochloromethane

Concen: 48.726 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

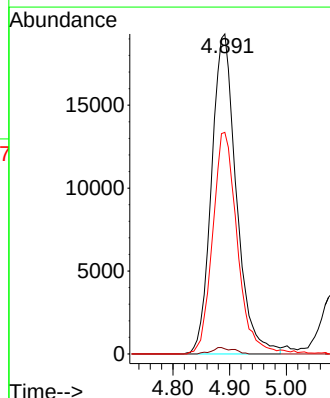
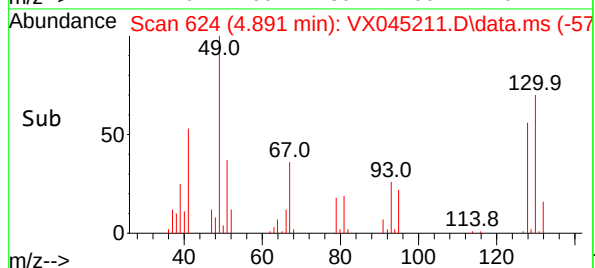
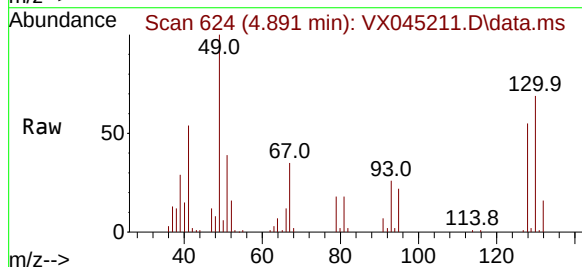
Tgt Ion: 49 Resp: 58687

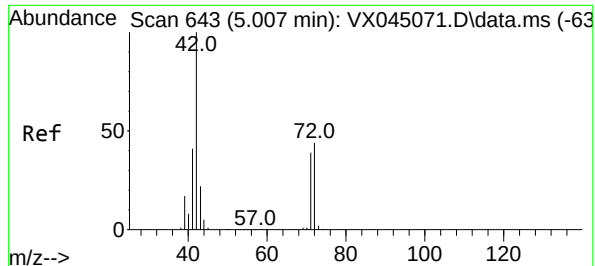
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.4

130 69.2 56.1 84.1





#29

Tetrahydrofuran

Concen: 245.874 ug/l

RT: 5.001 min Scan# 643

Delta R.T. -0.006 min

Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 185910

Ion Ratio Lower Upper

42 100

72 42.0 34.1 51.1

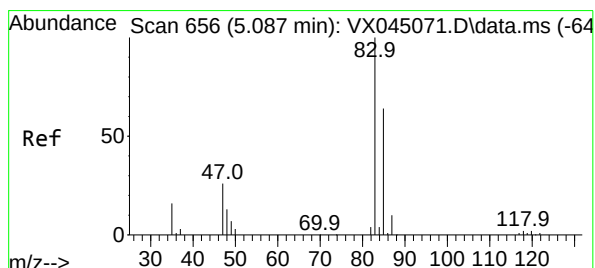
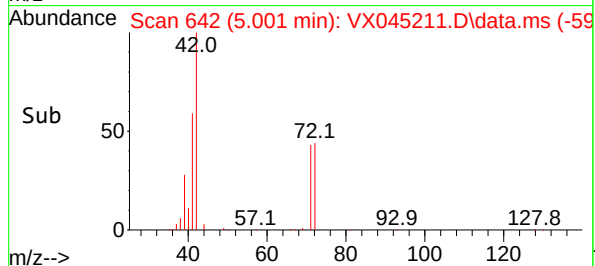
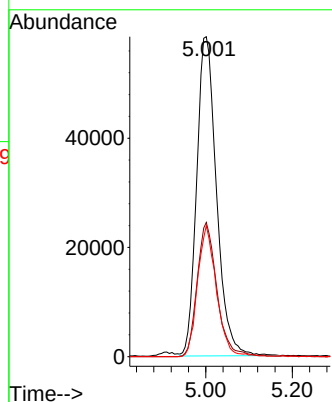
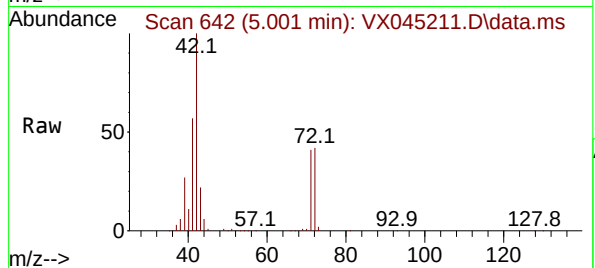
71 39.0 31.4 47.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#30

Chloroform

Concen: 49.818 ug/l

RT: 5.087 min Scan# 656

Delta R.T. 0.000 min

Lab File: VX045211.D

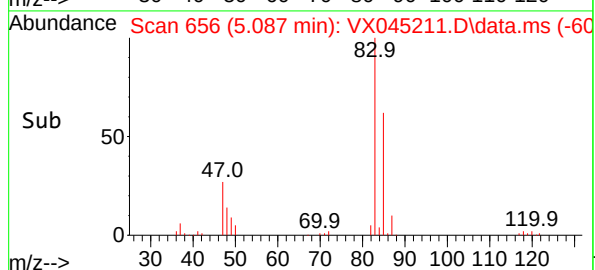
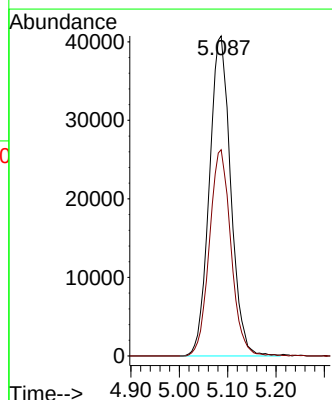
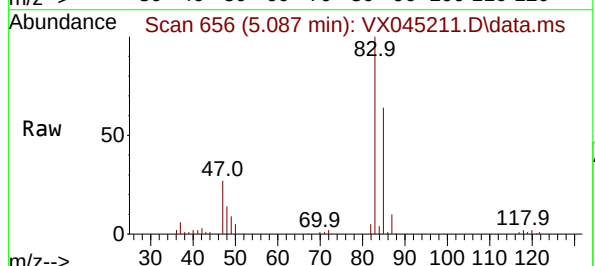
Acq: 11 Mar 2025 09:59

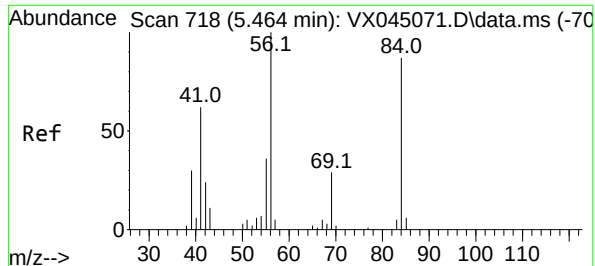
Tgt Ion: 83 Resp: 125081

Ion Ratio Lower Upper

83 100

85 64.5 51.4 77.2





#31

Cyclohexane

Concen: 51.345 ug/l

RT: 5.458 min Scan# 717

Delta R.T. -0.006 min

Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 112624

Ion Ratio Lower Upper

56 100

69 29.7 23.4 35.2

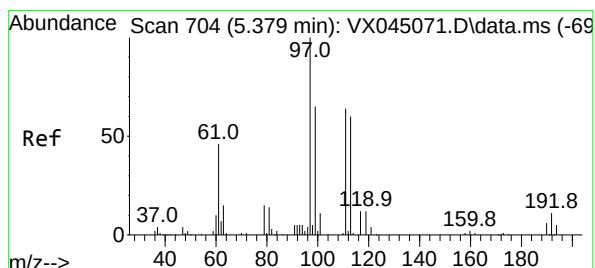
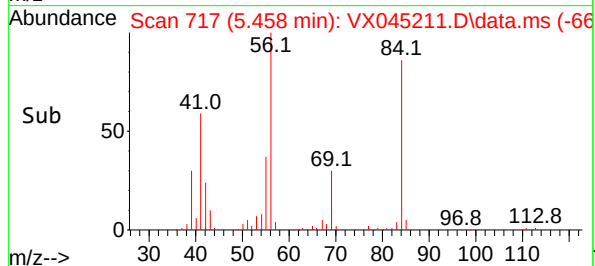
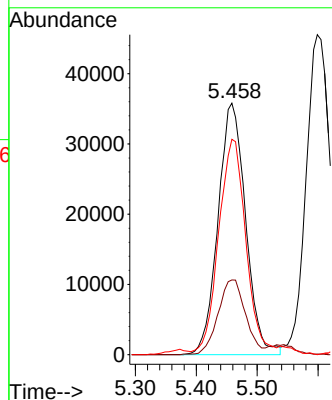
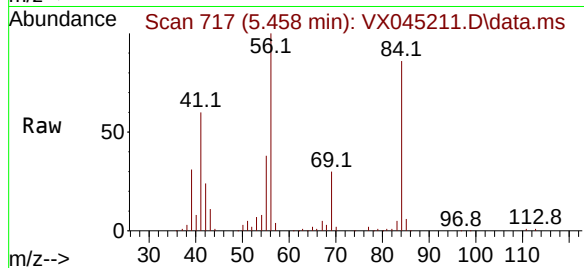
84 83.4 69.4 104.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#32

1,1,1-Trichloroethane

Concen: 50.816 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.006 min

Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

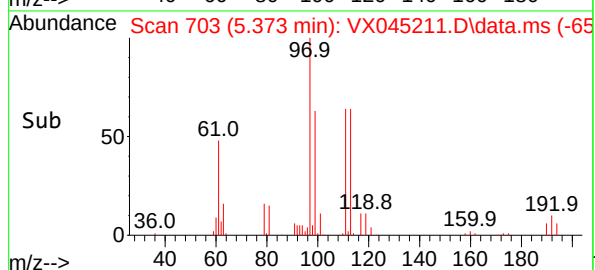
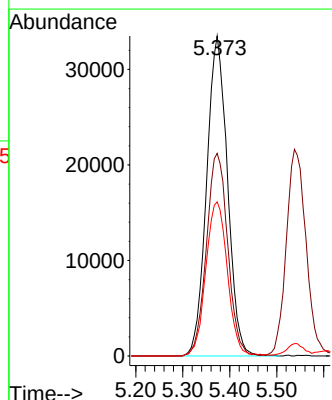
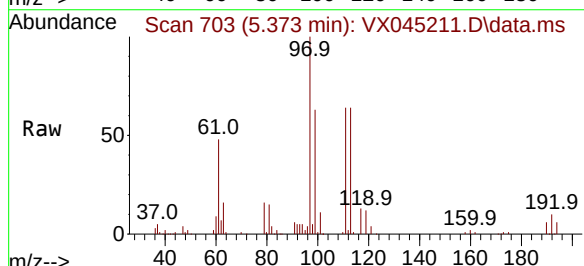
Tgt Ion: 97 Resp: 103045

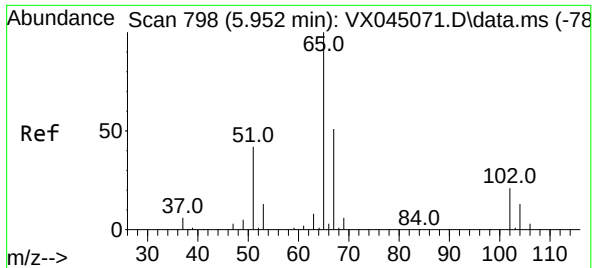
Ion Ratio Lower Upper

97 100

99 64.7 51.6 77.4

61 50.2 38.4 57.6





#33

1,2-Dichloroethane-d4

Concen: 49.818 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 80318

Ion Ratio Lower Upper

65 100

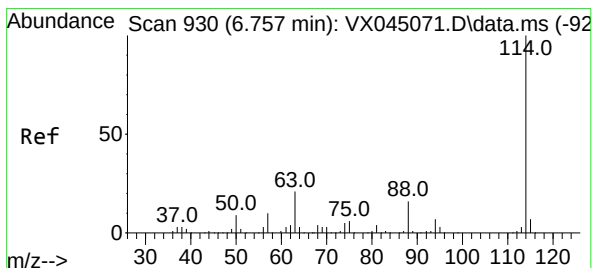
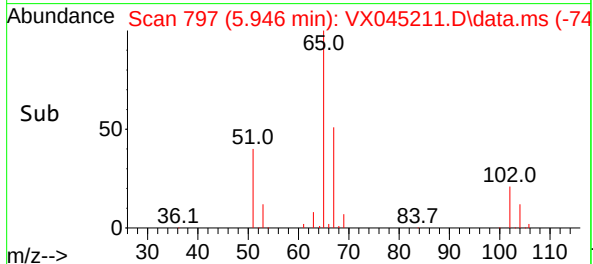
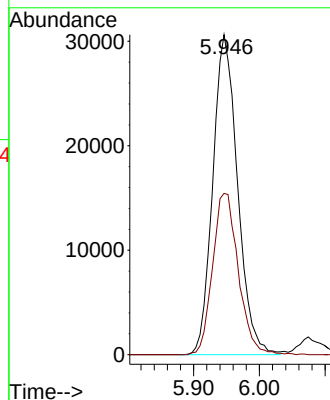
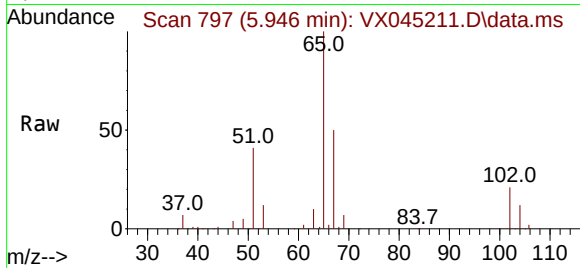
67 52.3 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

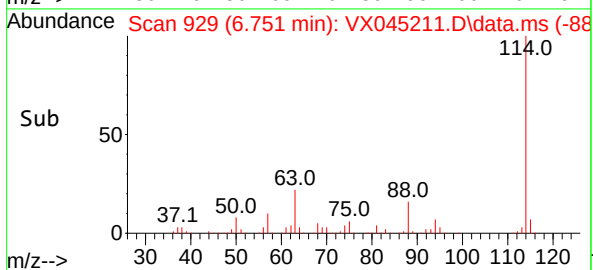
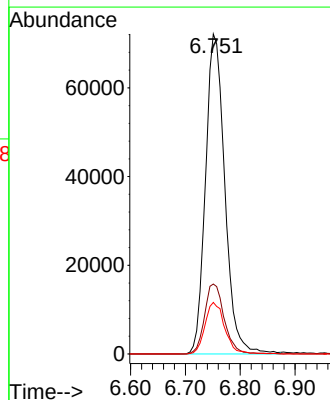
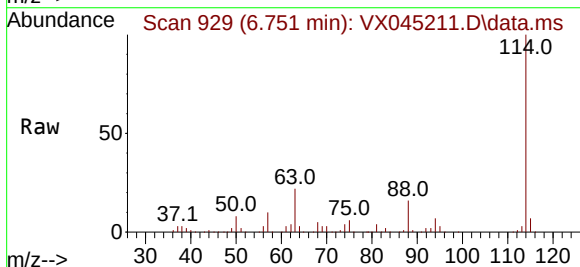
Tgt Ion:114 Resp: 176548

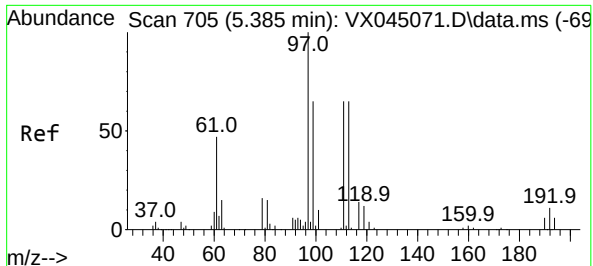
Ion Ratio Lower Upper

114 100

63 21.9 0.0 41.8

88 16.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 53.104 ug/l

RT: 5.373 min Scan# 705

Delta R.T. -0.012 min

Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 6269

Ion Ratio Lower Upper

113 100

111 102.0 81.8 122.6

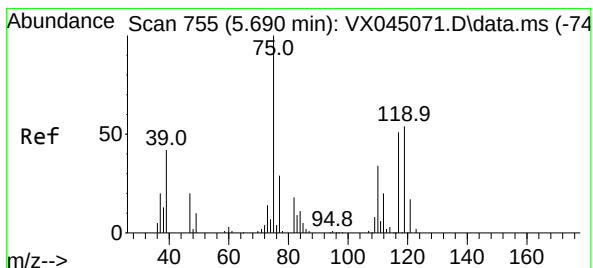
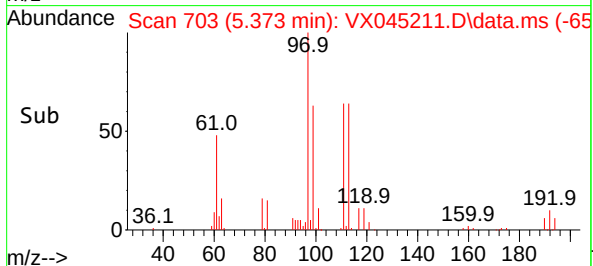
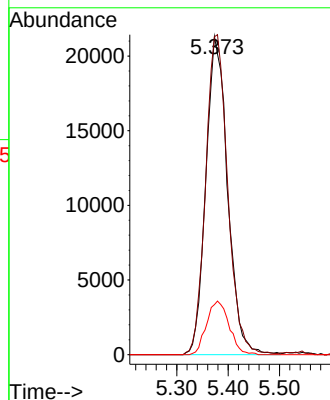
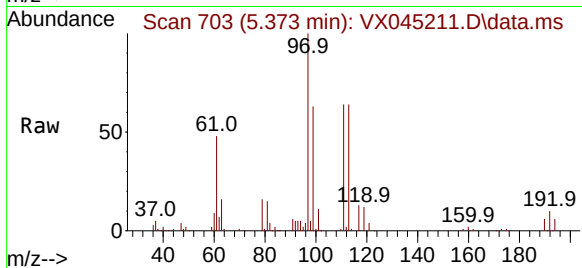
192 17.4 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#36

1,1-Dichloropropene

Concen: 51.860 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.006 min

Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

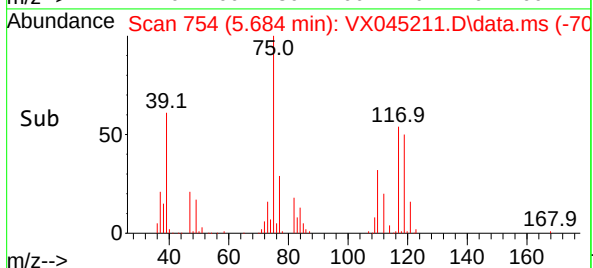
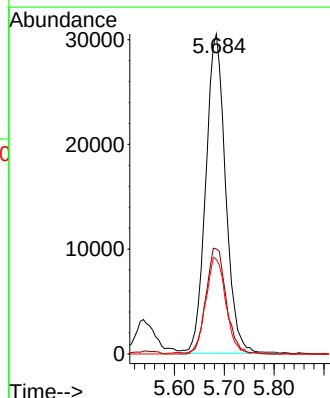
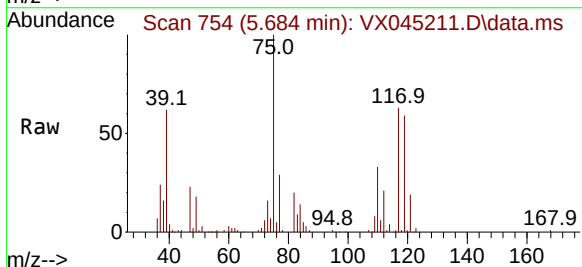
Tgt Ion: 75 Resp: 83960

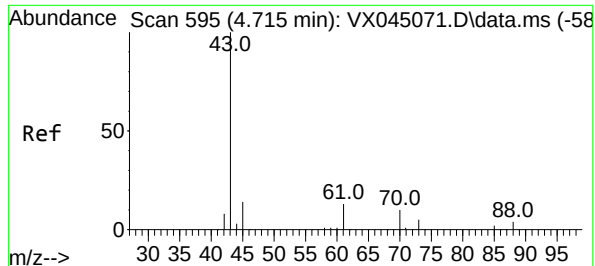
Ion Ratio Lower Upper

75 100

110 33.7 16.9 50.6

77 30.3 24.5 36.7





#37

Ethyl Acetate

Concen: 51.851 ug/l

RT: 4.709 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 108170

Ion Ratio Lower Upper

43 100

61 12.8 10.8 16.2

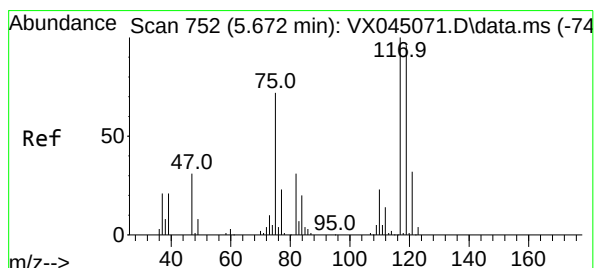
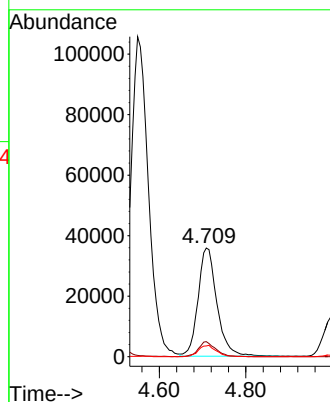
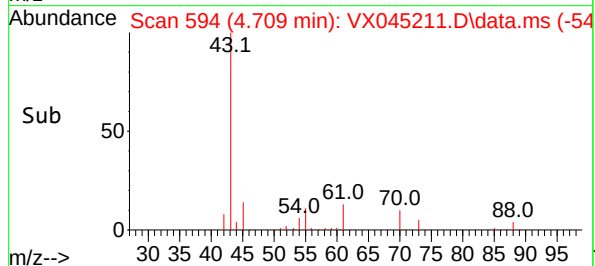
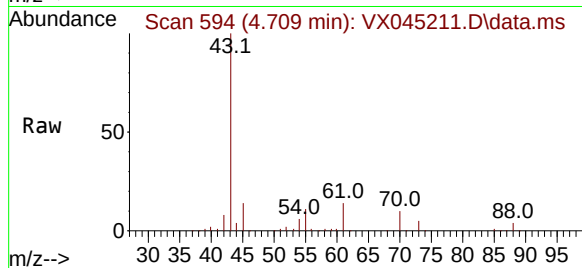
70 10.0 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#38

Carbon Tetrachloride

Concen: 52.948 ug/l

RT: 5.666 min Scan# 751

Delta R.T. -0.006 min

Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

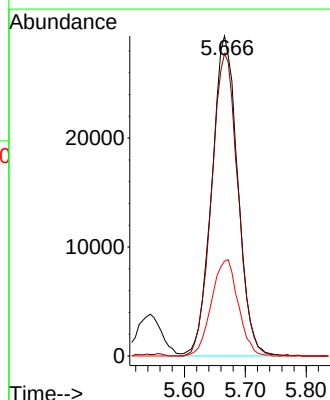
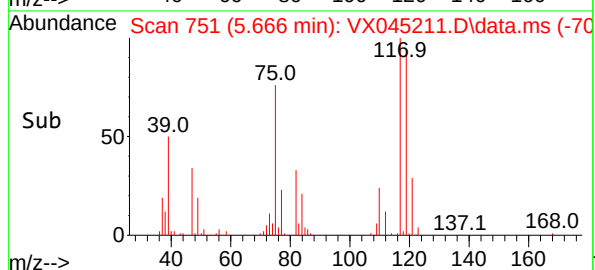
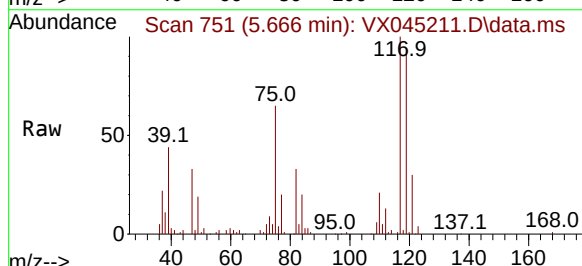
Tgt Ion:117 Resp: 87028

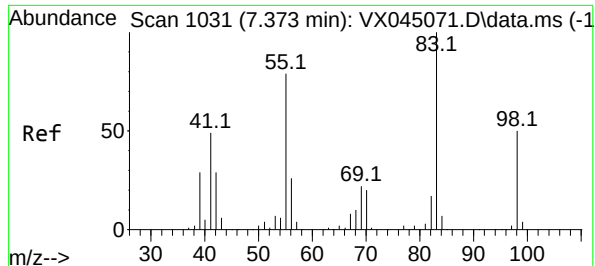
Ion Ratio Lower Upper

117 100

119 94.5 76.7 115.1

121 29.6 25.5 38.3





#39

Methylcyclohexane

Concen: 56.638 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 109872

Ion Ratio Lower Upper

83 100

55 79.8 63.0 94.4

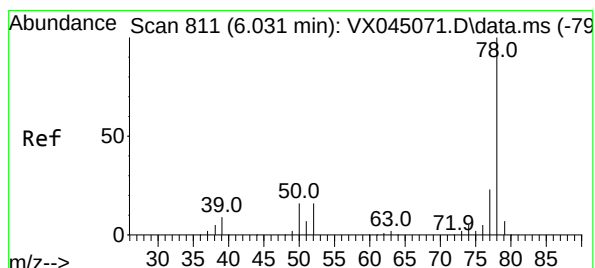
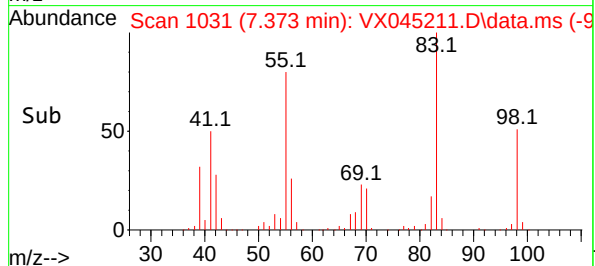
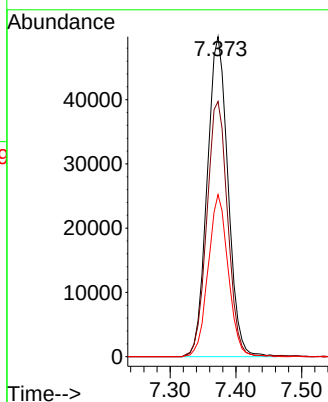
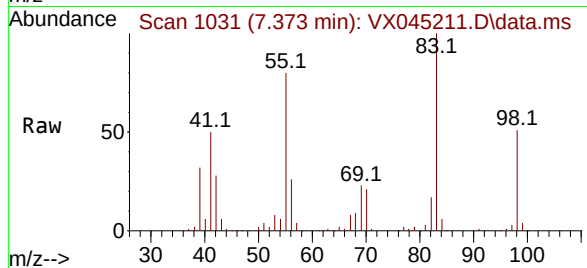
98 50.7 39.7 59.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#40

Benzene

Concen: 51.320 ug/l

RT: 6.025 min Scan# 810

Delta R.T. -0.006 min

Lab File: VX045211.D

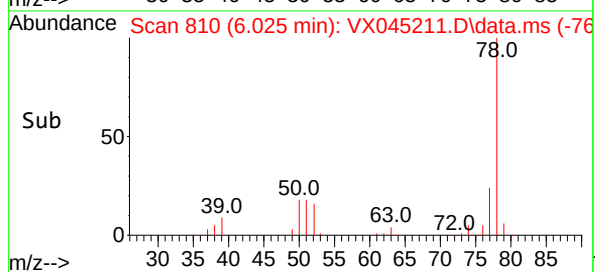
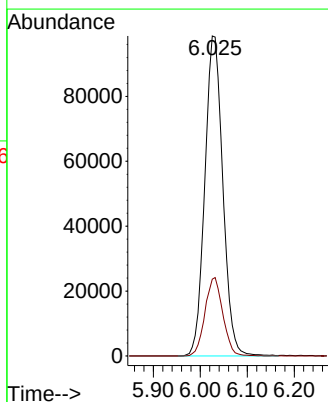
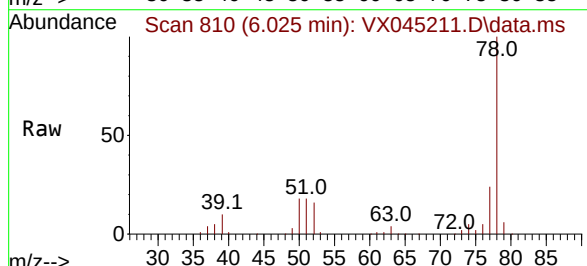
Acq: 11 Mar 2025 09:59

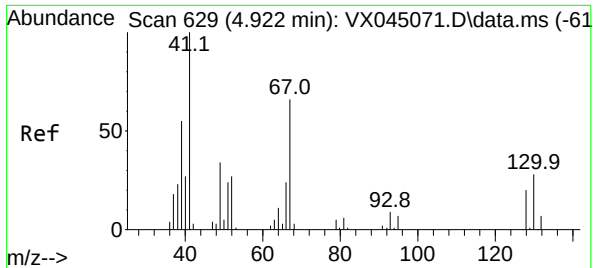
Tgt Ion: 78 Resp: 262366

Ion Ratio Lower Upper

78 100

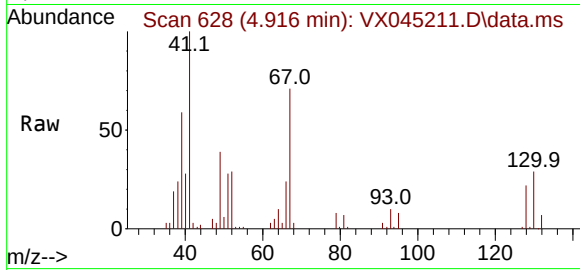
77 24.0 18.8 28.2





#41
Methacrylonitrile
Concen: 53.315 ug/l
RT: 4.916 min Scan# 614
Delta R.T. -0.006 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

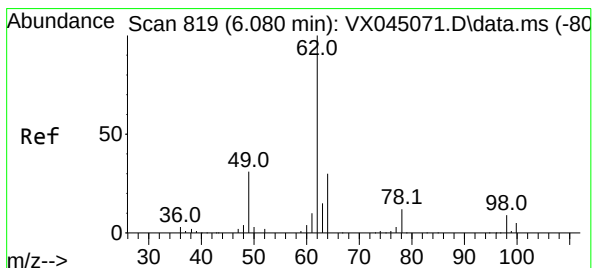
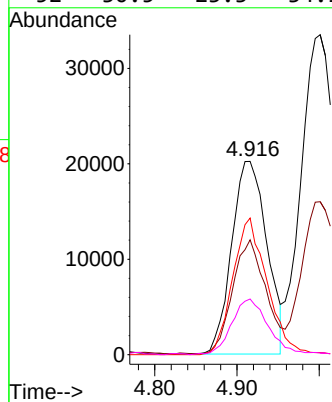
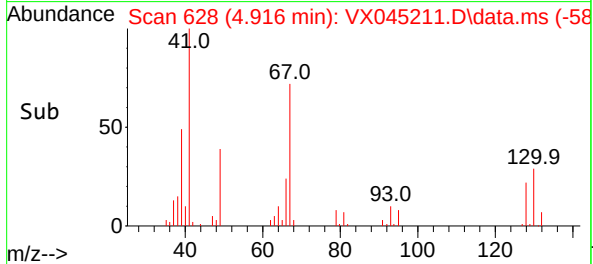
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 6014
Ion Ratio Lower Upper
41 100
39 56.5 44.6 67.0
67 69.3 53.9 80.9
52 30.5 23.3 34.9

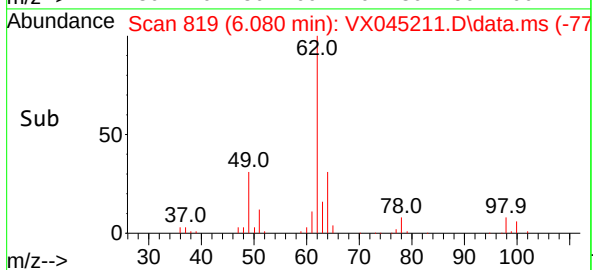
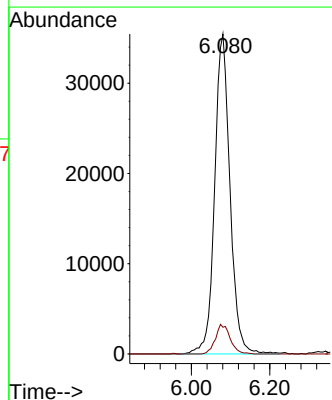
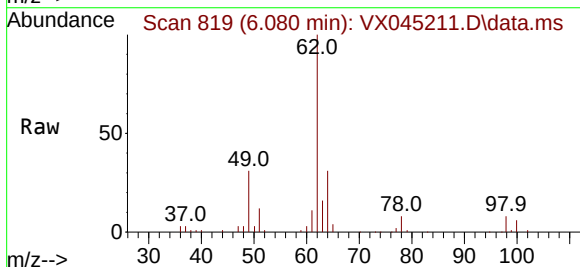
Manual Integrations
APPROVED

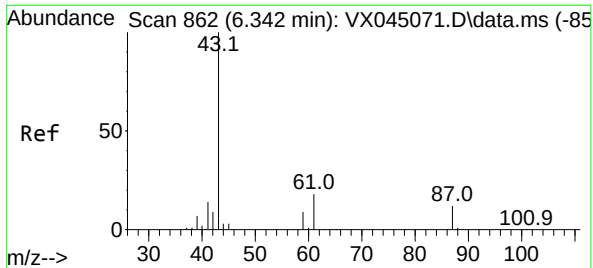
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#42
1,2-Dichloroethane
Concen: 52.356 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Tgt Ion: 62 Resp: 96385
Ion Ratio Lower Upper
62 100
98 8.9 0.0 18.2





#43

Isopropyl Acetate

Concen: 54.564 ug/l

RT: 6.336 min Scan# 80

Delta R.T. -0.006 min

Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 16832

Ion Ratio Lower Upper

43 100

61 17.7 14.9 22.3

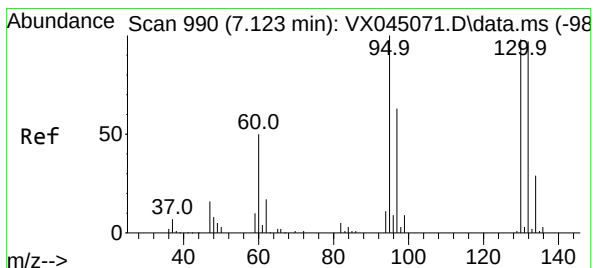
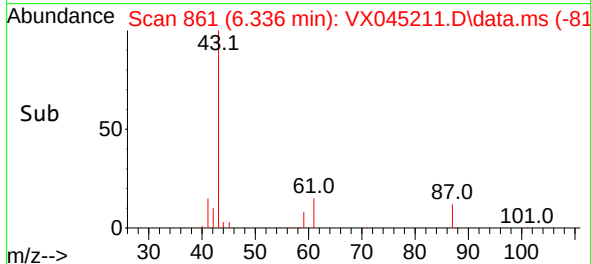
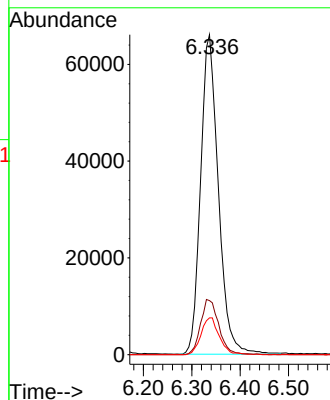
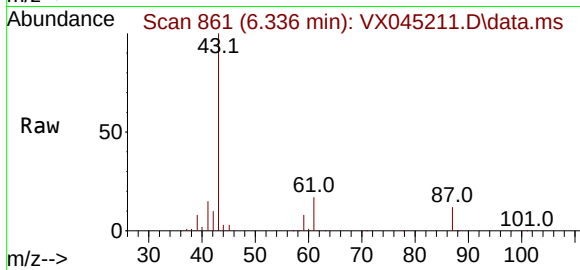
87 11.9 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#44

Trichloroethene

Concen: 52.042 ug/l

RT: 7.117 min Scan# 989

Delta R.T. -0.006 min

Lab File: VX045211.D

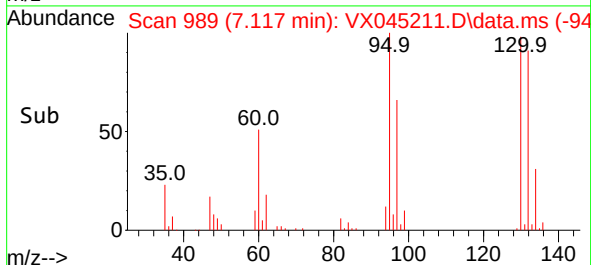
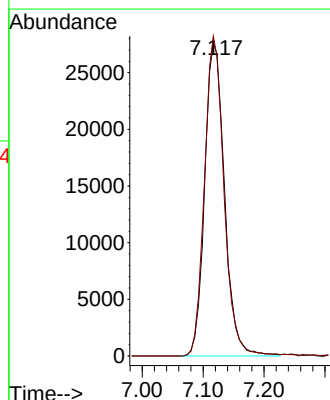
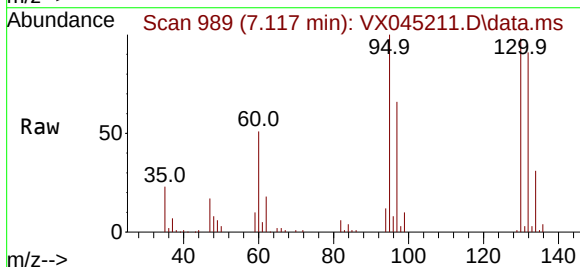
Acq: 11 Mar 2025 09:59

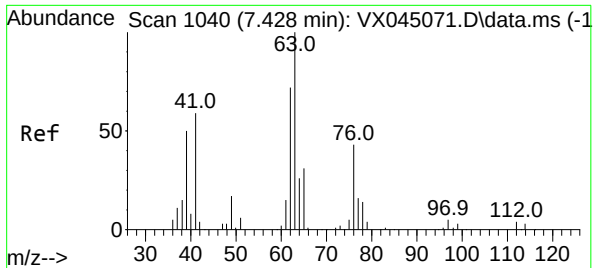
Tgt Ion:130 Resp: 62473

Ion Ratio Lower Upper

130 100

95 102.1 0.0 205.0





#45

1,2-Dichloropropane

Concen: 50.991 ug/l

RT: 7.422 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 67025

Ion Ratio Lower Upper

63 100

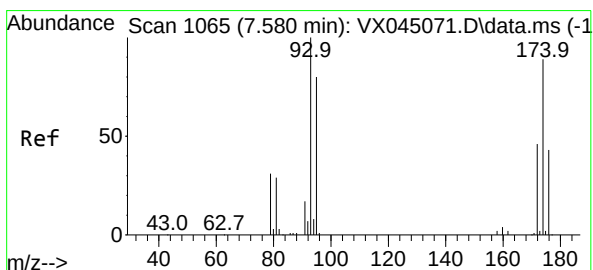
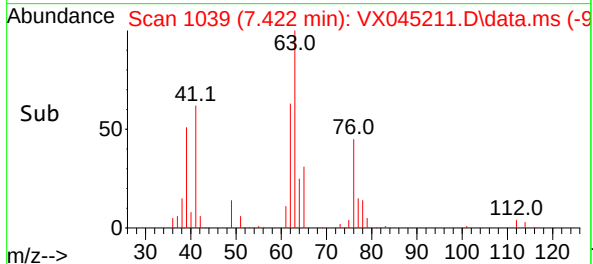
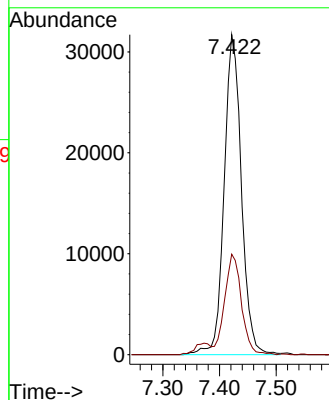
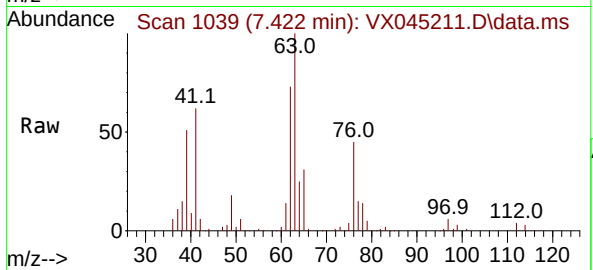
65 31.4 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#46

Dibromomethane

Concen: 52.911 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

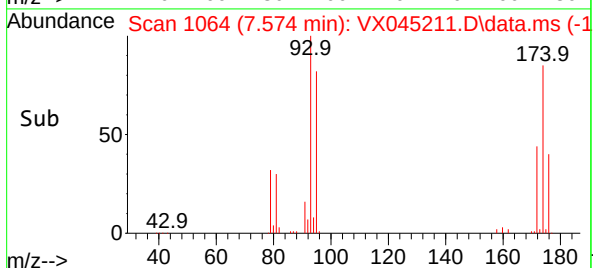
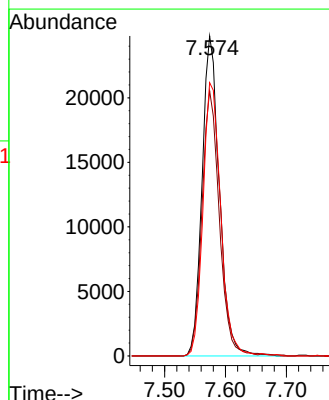
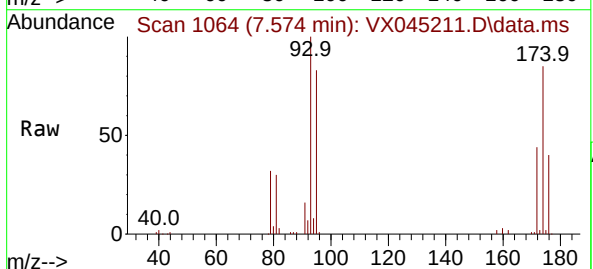
Tgt Ion: 93 Resp: 49158

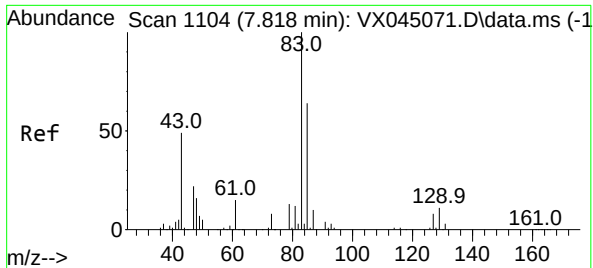
Ion Ratio Lower Upper

93 100

95 82.7 65.8 98.8

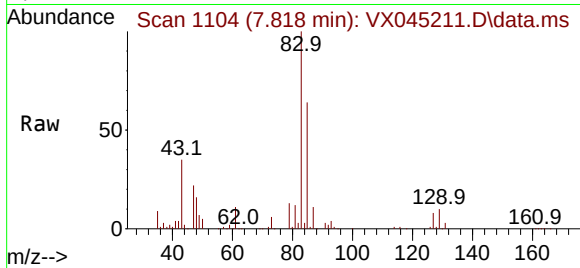
174 87.6 72.2 108.2





#47
Bromodichloromethane
Concen: 53.986 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

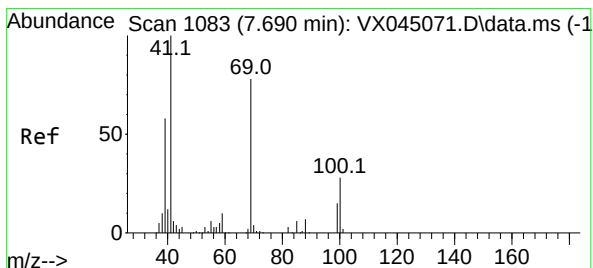
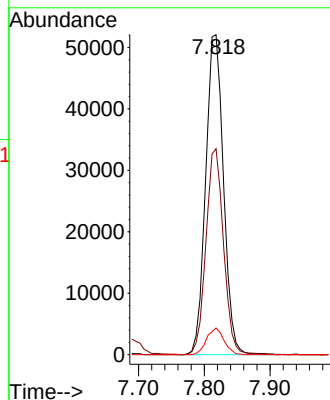
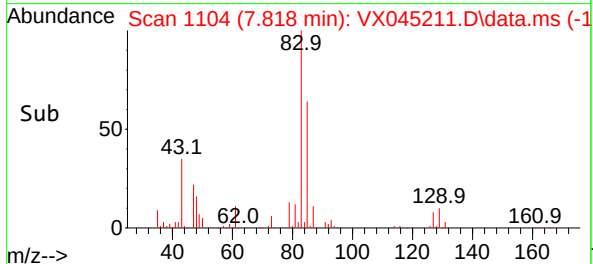
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 9838
Ion Ratio Lower Upper
83 100
85 64.3 51.1 76.7
127 8.4 6.4 9.6

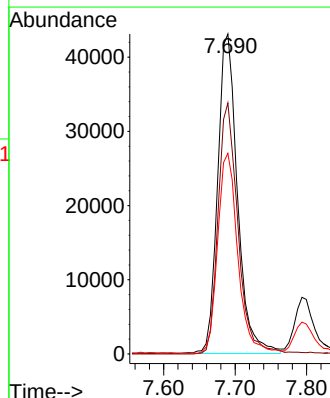
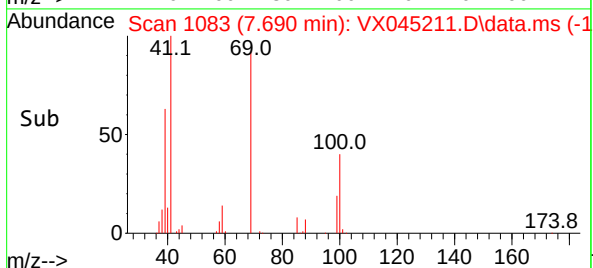
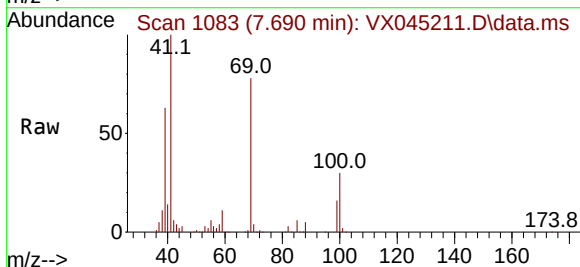
Manual Integrations
APPROVED

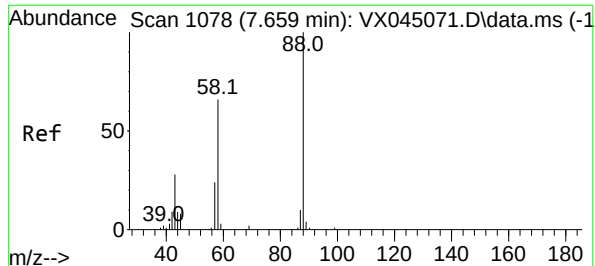
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#48
Methyl methacrylate
Concen: 53.663 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Tgt Ion: 41 Resp: 83051
Ion Ratio Lower Upper
41 100
69 78.6 63.0 94.6
39 63.7 47.5 71.3





#49

1,4-Dioxane

Concen: 900.059 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 2938

Ion Ratio Lower Upper

88 100

43 38.0 28.7 43.1

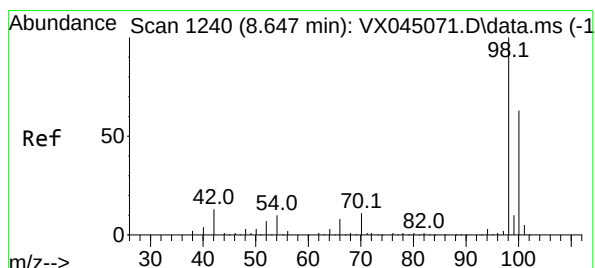
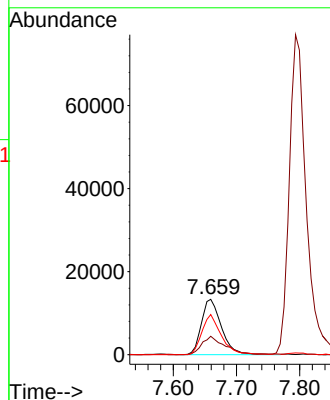
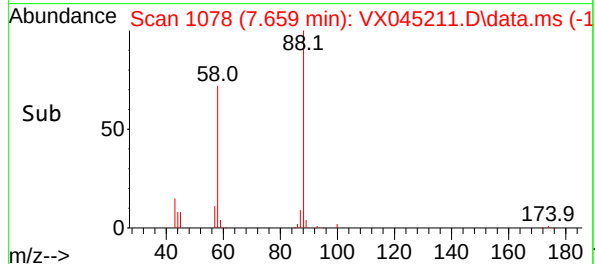
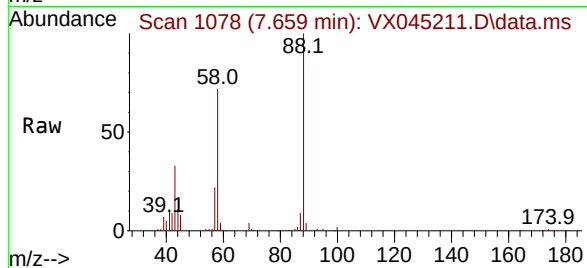
58 70.1 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#50

Toluene-d8

Concen: 51.586 ug/l

RT: 8.641 min Scan# 1239

Delta R.T. -0.006 min

Lab File: VX045211.D

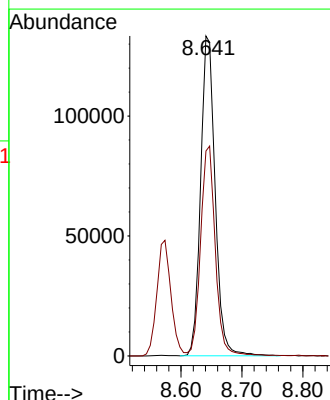
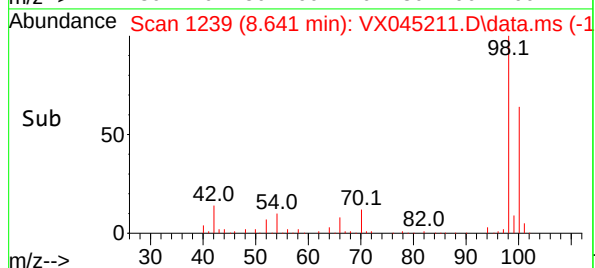
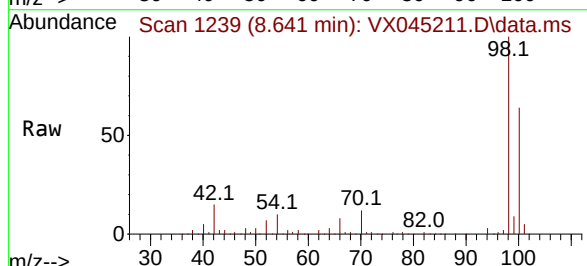
Acq: 11 Mar 2025 09:59

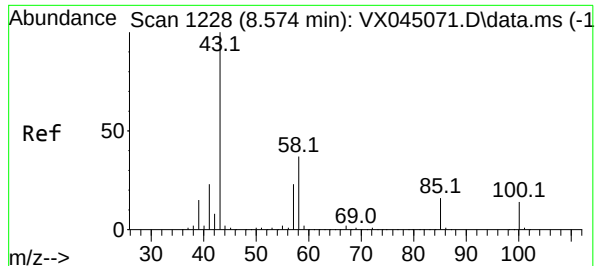
Tgt Ion: 98 Resp: 220779

Ion Ratio Lower Upper

98 100

100 66.2 52.0 78.0





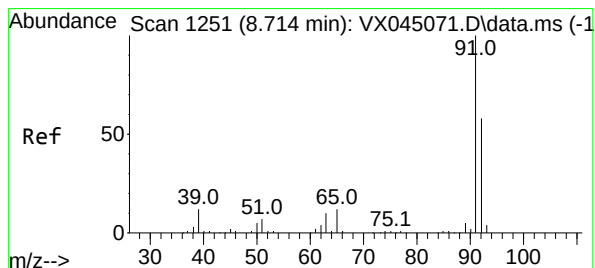
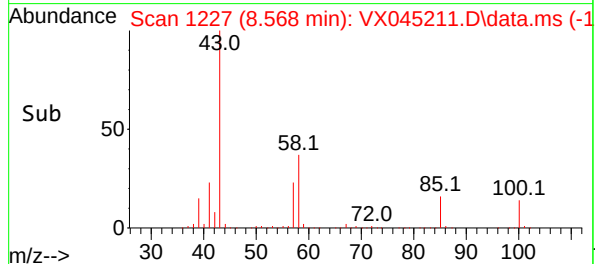
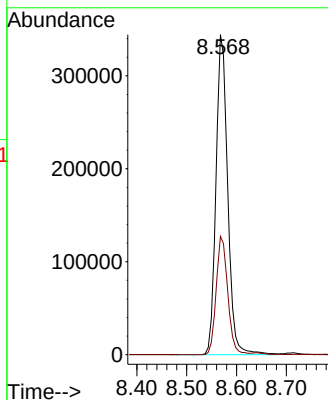
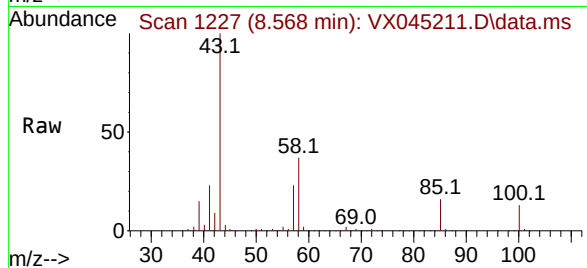
#51
4-Methyl-2-Pentanone
Concen: 271.045 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 56141
Ion Ratio Lower Upper
43 100
58 36.6 29.2 43.8

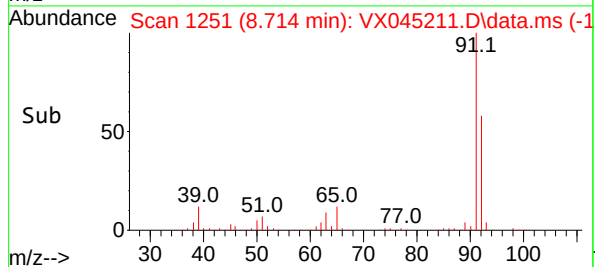
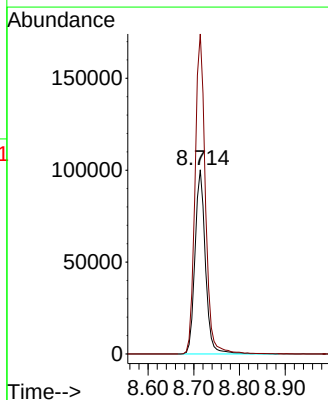
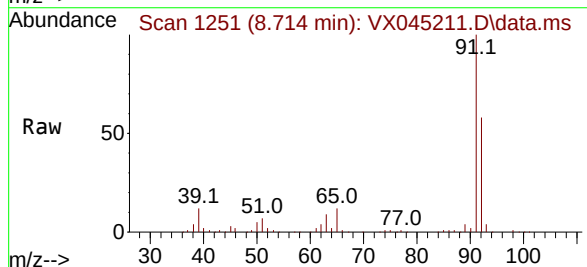
Manual Integrations
APPROVED

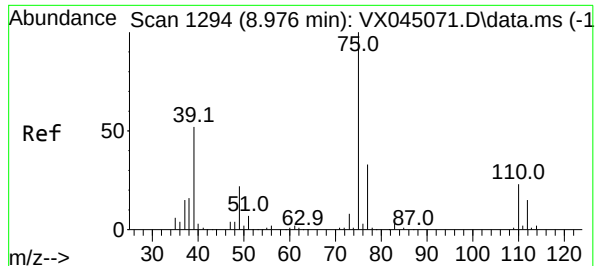
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#52
Toluene
Concen: 52.972 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Tgt Ion: 92 Resp: 158892
Ion Ratio Lower Upper
92 100
91 173.6 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 59.606 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 90808

Ion Ratio Lower Upper

75 100

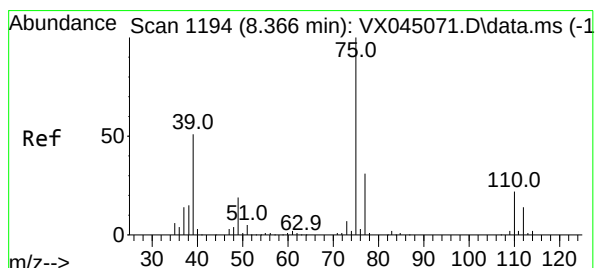
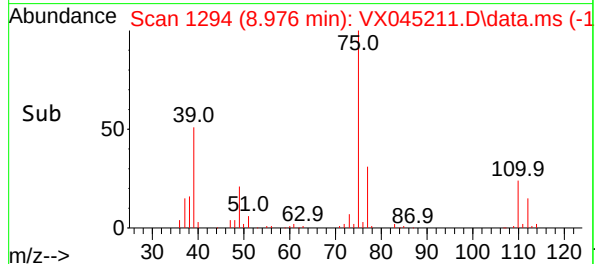
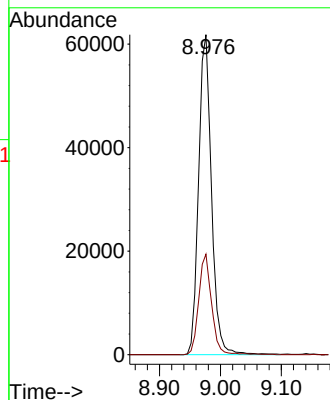
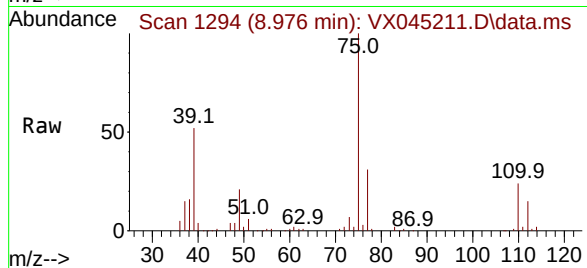
77 31.4 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#54

cis-1,3-Dichloropropene

Concen: 57.592 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

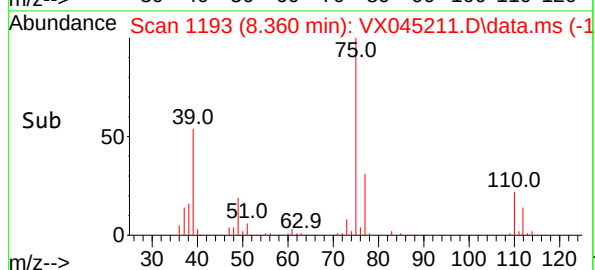
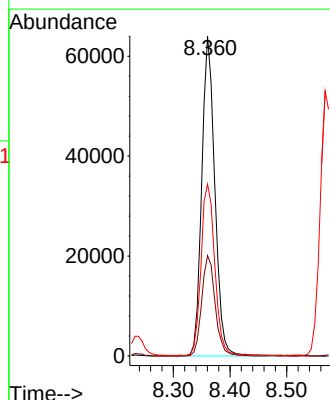
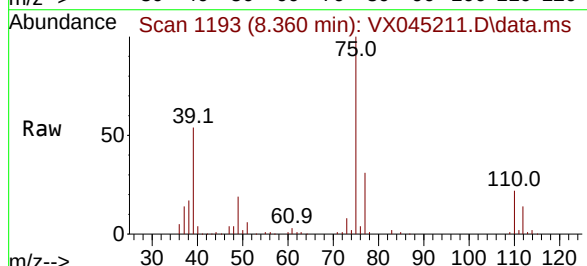
Tgt Ion: 75 Resp: 102314

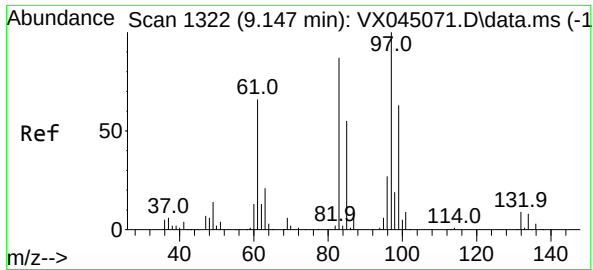
Ion Ratio Lower Upper

75 100

77 31.4 24.7 37.1

39 53.4 40.7 61.1





#55

1,1,2-Trichloroethane

Concen: 51.661 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 6379

Ion Ratio Lower Upper

97 100

83 90.9 69.4 104.2

85 57.2 44.1 66.1

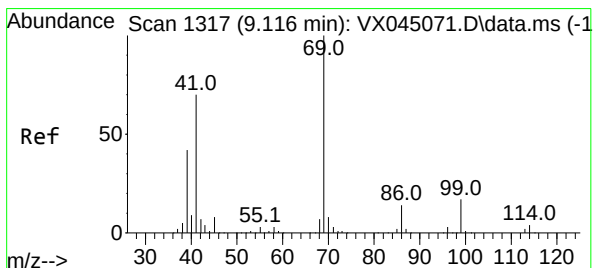
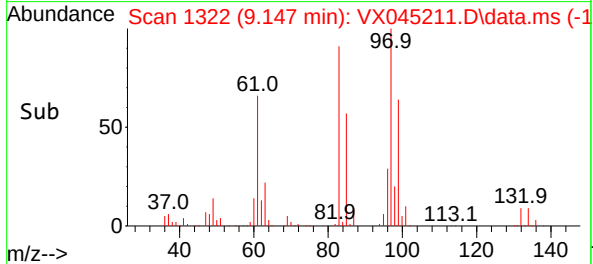
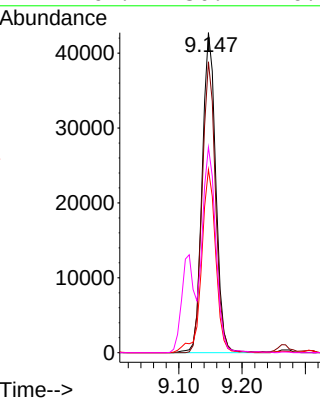
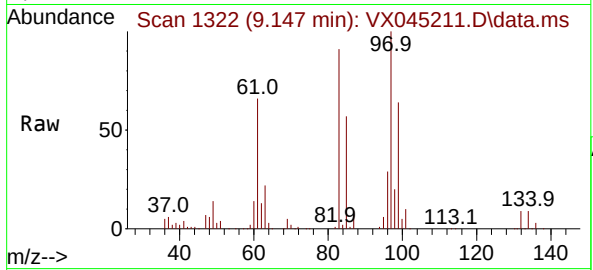
99 64.1 50.7 76.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#56

Ethyl methacrylate

Concen: 55.894 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

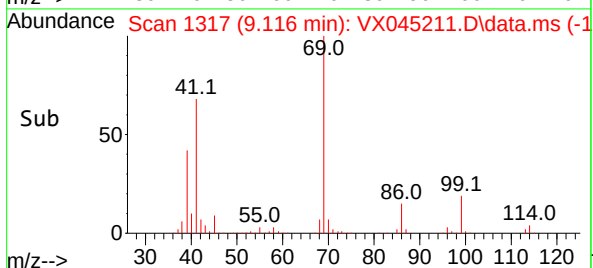
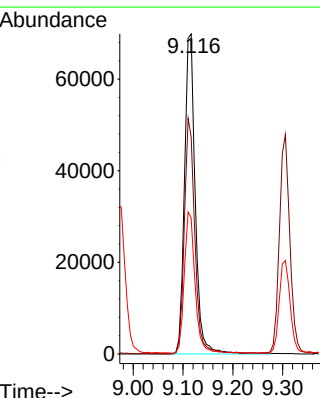
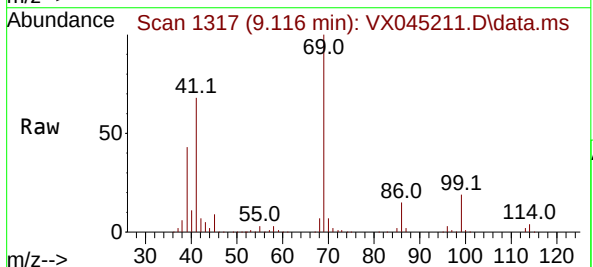
Tgt Ion: 69 Resp: 104915

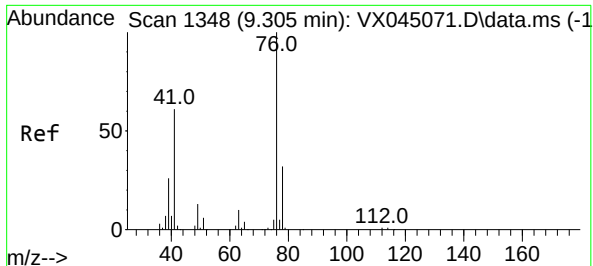
Ion Ratio Lower Upper

69 100

41 71.9 57.0 85.4

39 44.3 34.2 51.4





#57

1,3-Dichloropropane

Concen: 52.131 ug/l

RT: 9.305 min Scan# 11140

Delta R.T. 0.000 min

Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 11140

Ion Ratio Lower Upper

76 100

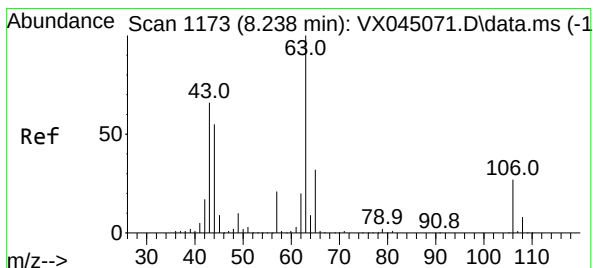
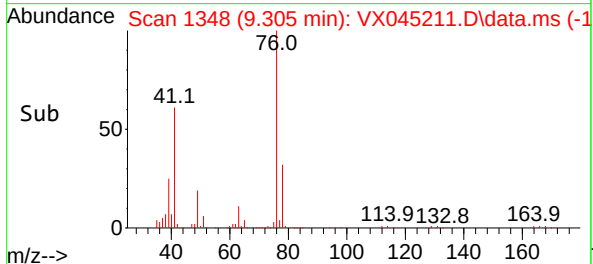
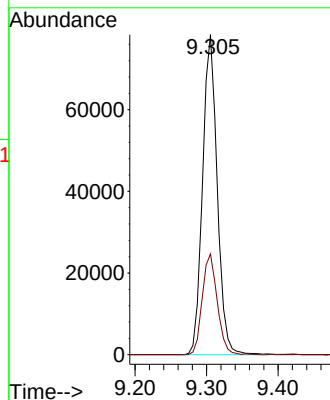
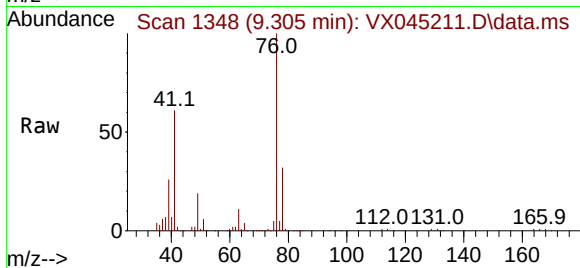
78 32.2 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#58

2-Chloroethyl Vinyl ether

Concen: 291.597 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX045211.D

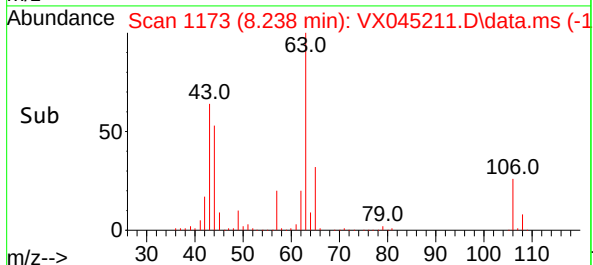
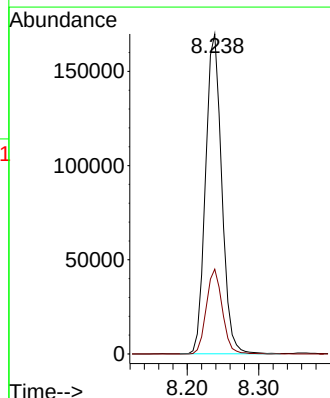
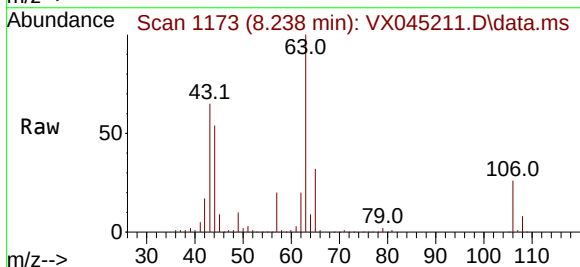
Acq: 11 Mar 2025 09:59

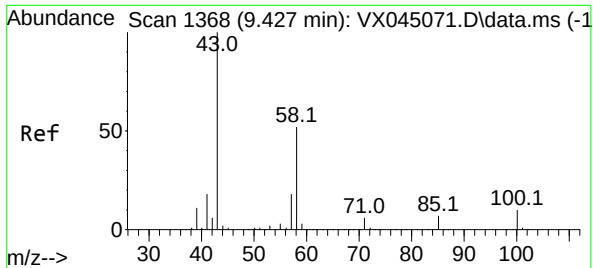
Tgt Ion: 63 Resp: 266994

Ion Ratio Lower Upper

63 100

106 26.2 21.5 32.3





#59

2-Hexanone

Concen: 269.382 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 404272

Ion Ratio Lower Upper

43 100

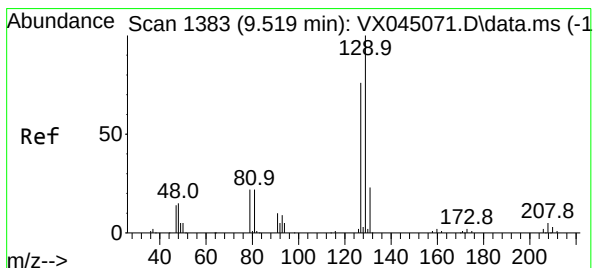
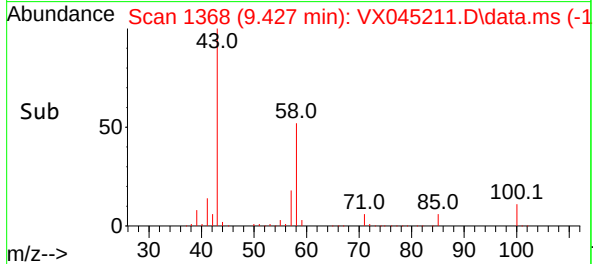
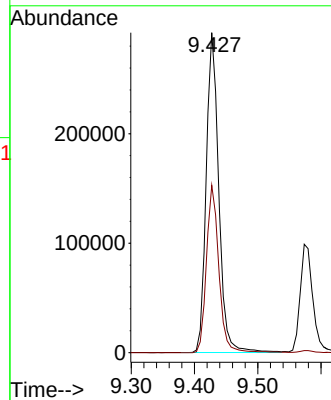
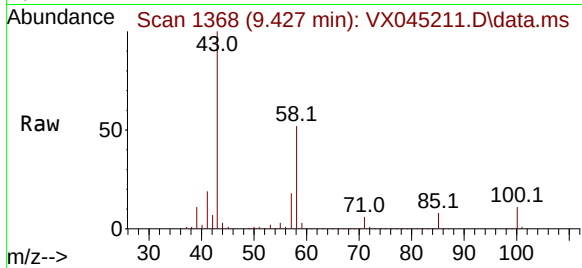
58 51.9 25.9 77.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#60

Dibromochloromethane

Concen: 55.267 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX045211.D

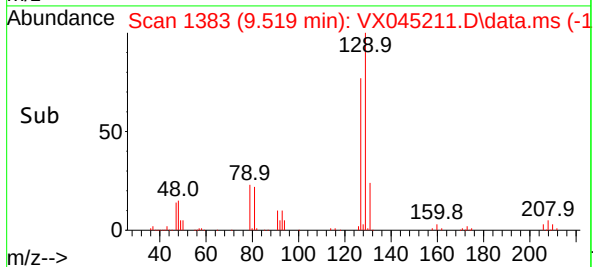
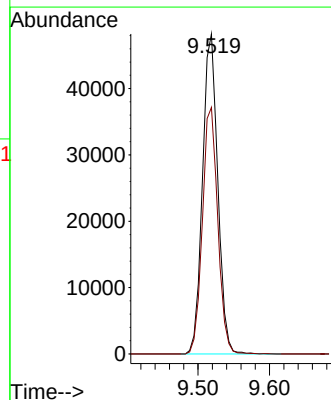
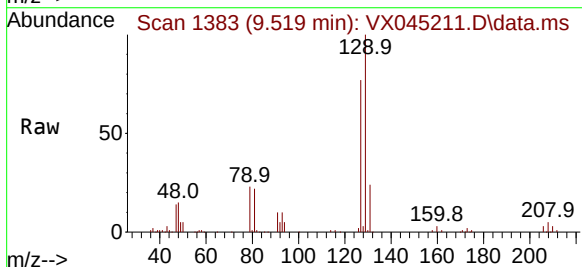
Acq: 11 Mar 2025 09:59

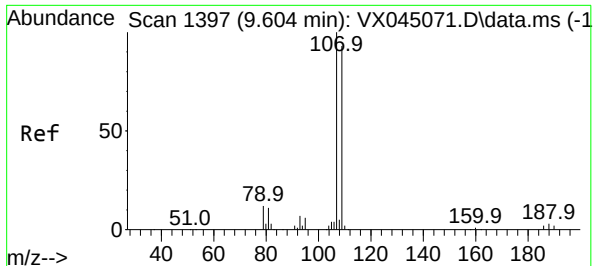
Tgt Ion:129 Resp: 71357

Ion Ratio Lower Upper

129 100

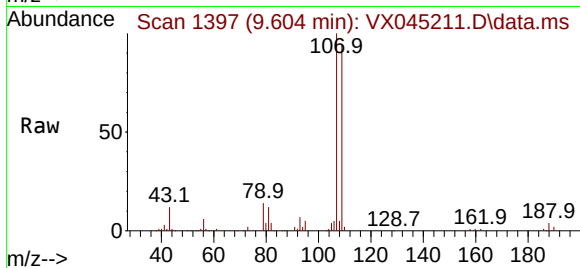
127 77.6 38.5 115.5





#61
1,2-Dibromoethane
Concen: 53.438 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

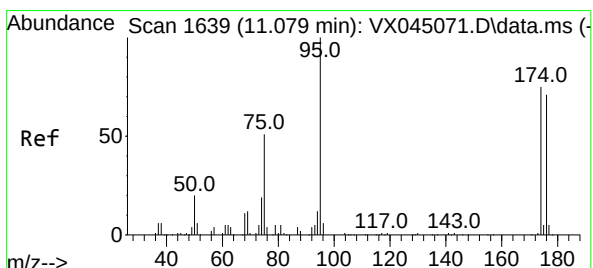
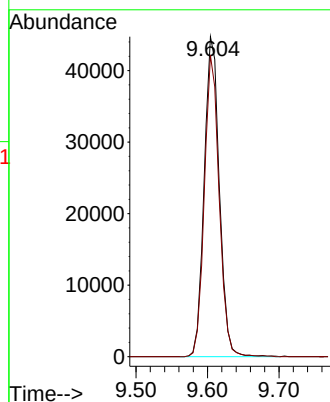
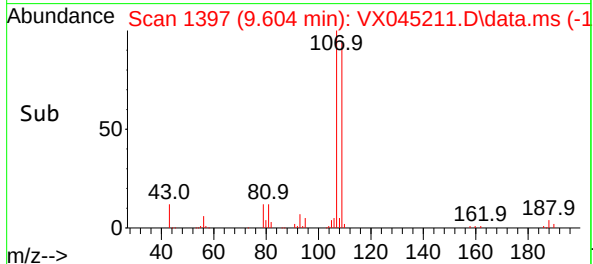
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 65874
Ion Ratio Lower Upper
107 100
109 92.1 76.1 114.1

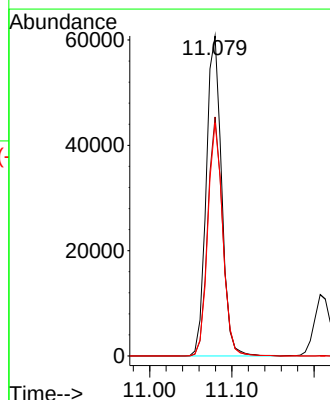
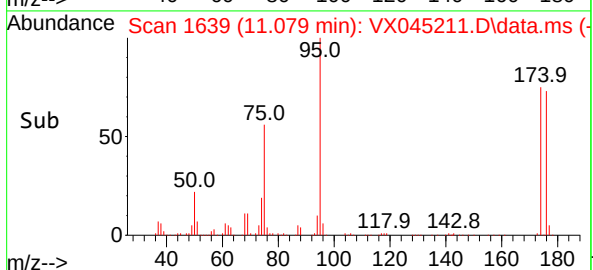
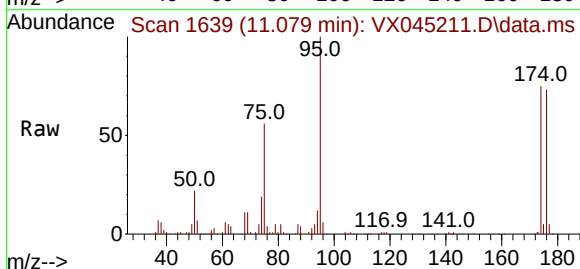
Manual Integrations
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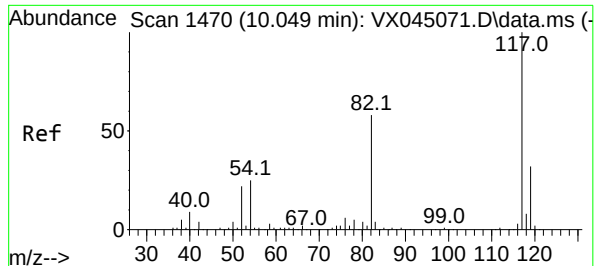
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#62
4-Bromofluorobenzene
Concen: 55.511 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

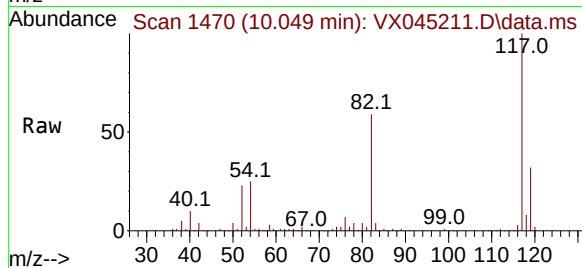
Tgt Ion: 95 Resp: 78726
Ion Ratio Lower Upper
95 100
174 72.2 0.0 148.2
176 70.8 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

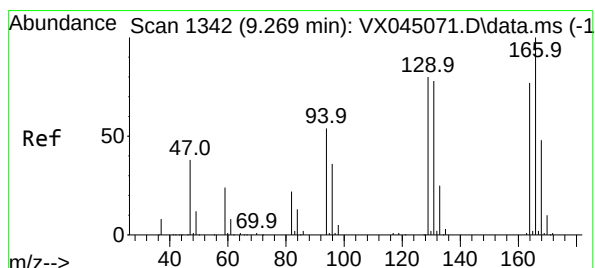
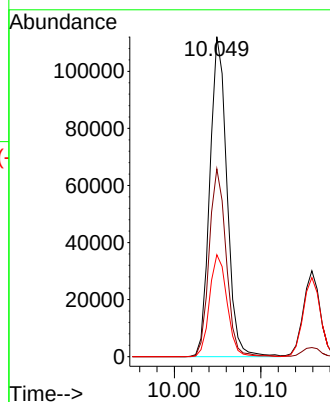
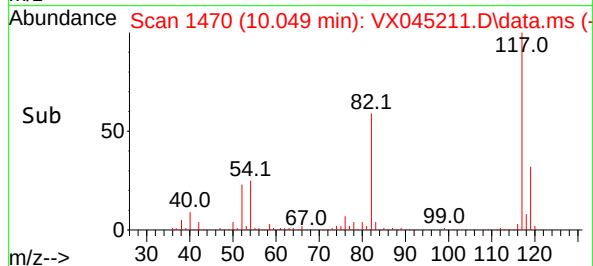
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 153652
Ion Ratio Lower Upper
117 100
82 58.7 46.3 69.5
119 31.8 25.7 38.5

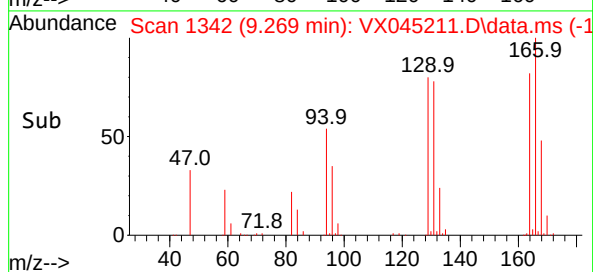
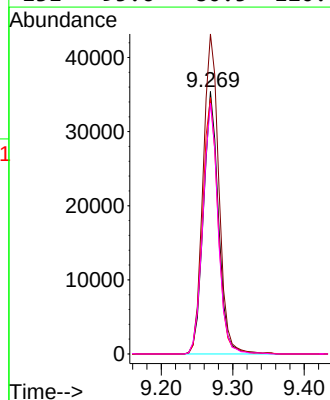
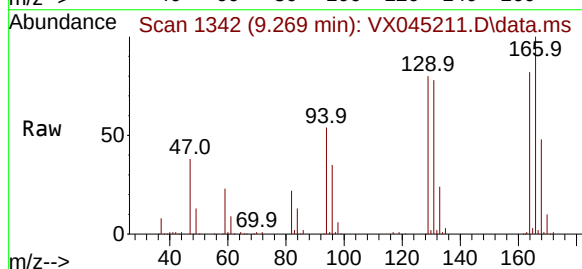
Manual Integrations
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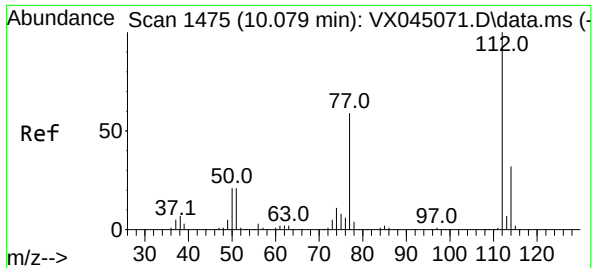
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#64
Tetrachloroethene
Concen: 52.473 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Tgt Ion:164 Resp: 51638
Ion Ratio Lower Upper
164 100
166 121.9 103.6 155.4
129 97.7 82.7 124.1
131 95.6 80.5 120.7





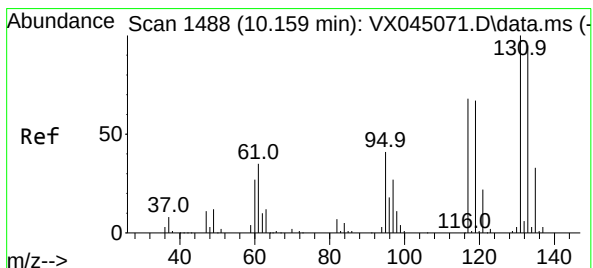
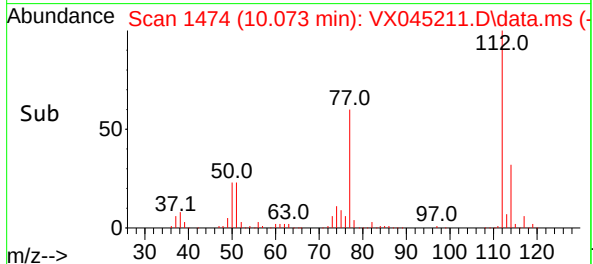
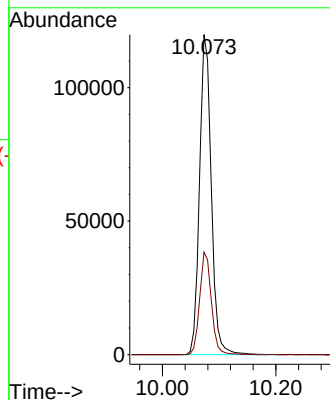
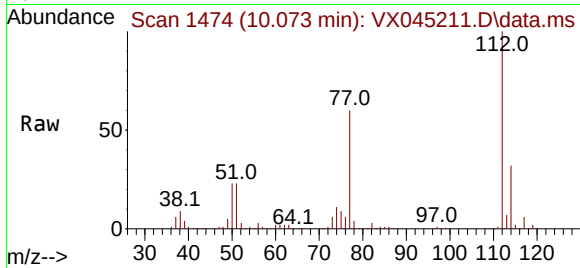
#65
Chlorobenzene
Concen: 52.928 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 17208
Ion Ratio Lower Upper
112 100
114 32.0 26.0 39.0

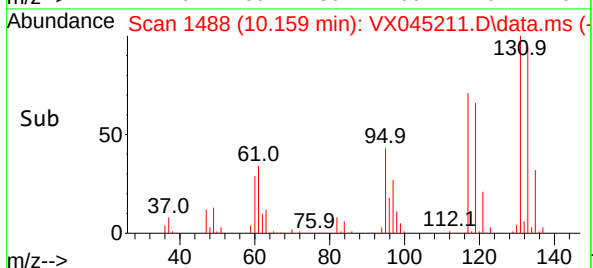
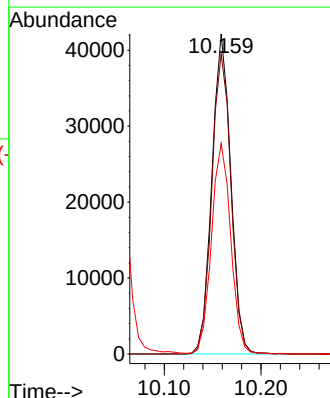
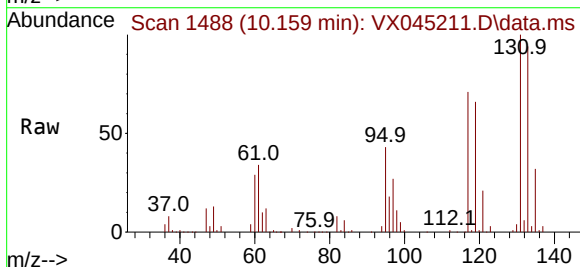
Manual Integrations
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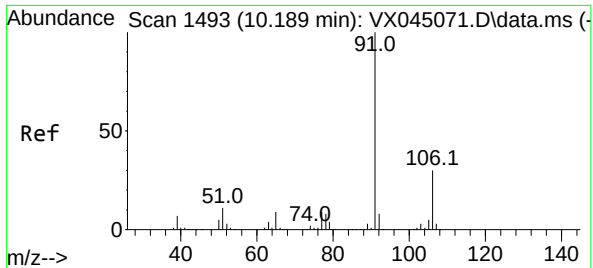
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 52.821 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Tgt Ion:131 Resp: 57191
Ion Ratio Lower Upper
131 100
133 95.4 48.6 145.9
119 67.1 33.9 101.7





#67

Ethyl Benzene

Concen: 54.136 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 306683

Ion Ratio Lower Upper

91 100

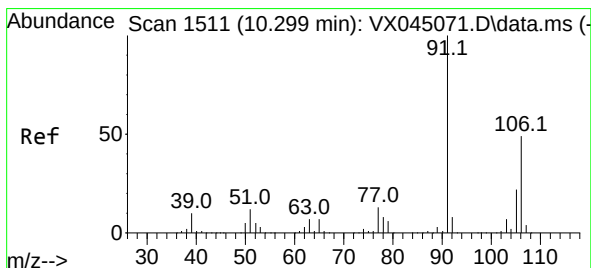
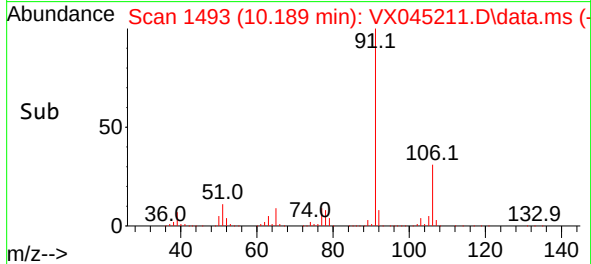
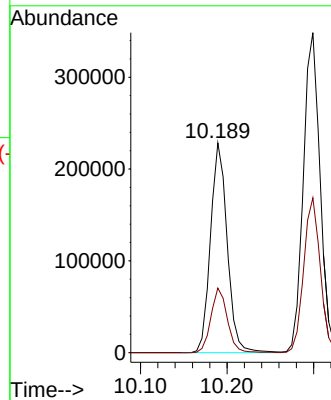
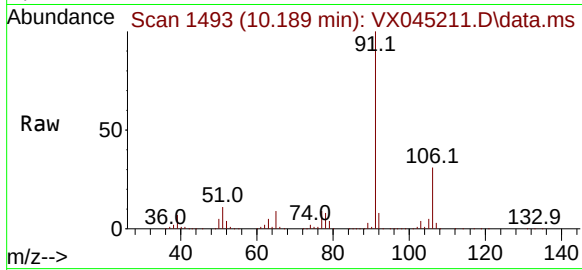
106 30.8 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#68

m/p-Xylenes

Concen: 109.410 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX045211.D

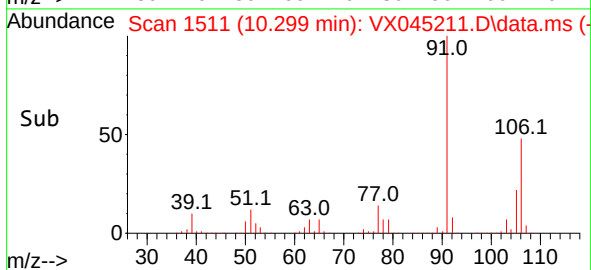
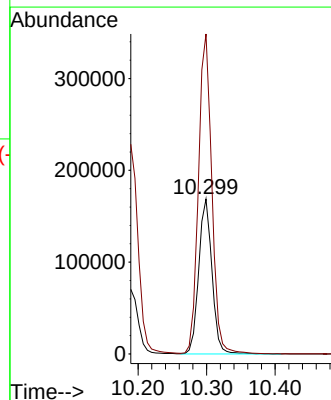
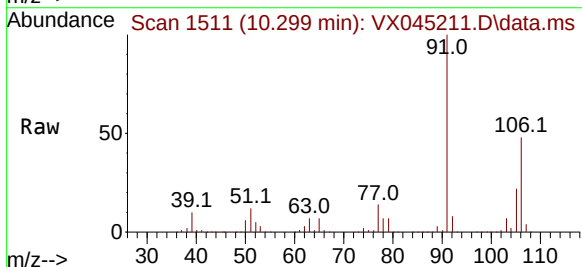
Acq: 11 Mar 2025 09:59

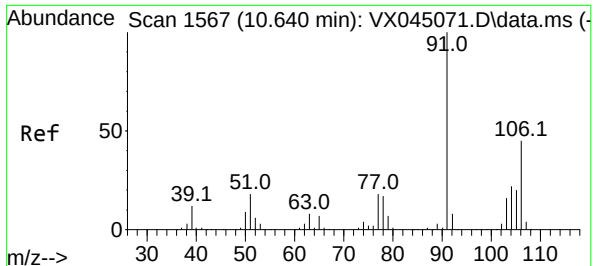
Tgt Ion:106 Resp: 226899

Ion Ratio Lower Upper

106 100

91 208.7 165.4 248.0





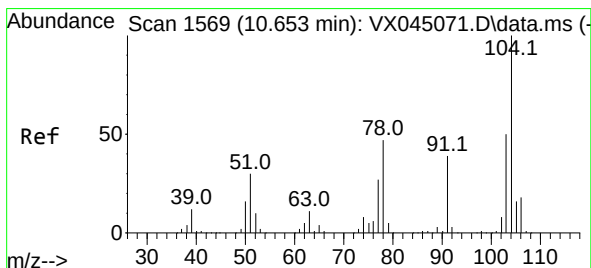
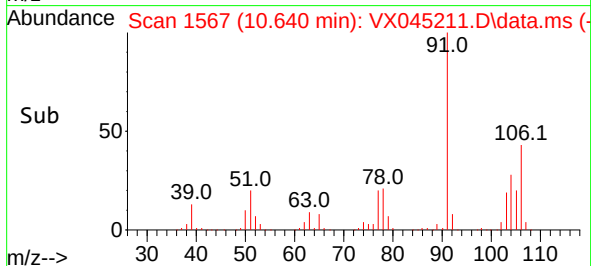
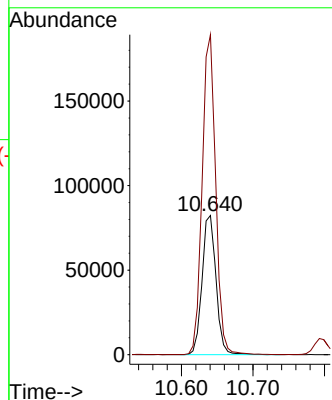
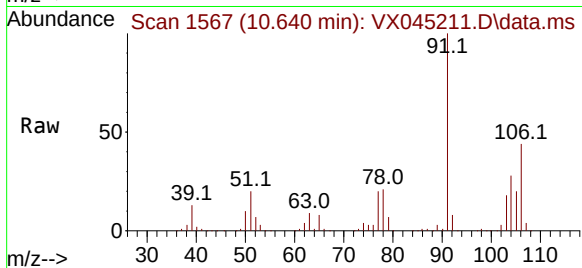
#69
o-Xylene
Concen: 53.202 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 111278
Ion Ratio Lower Upper
106 100
91 222.9 109.9 329.6

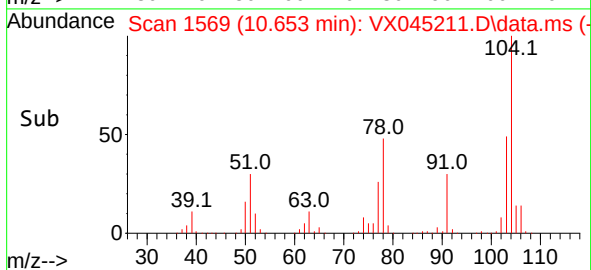
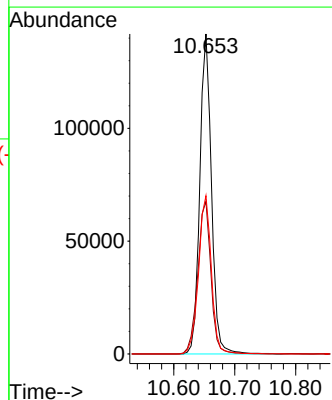
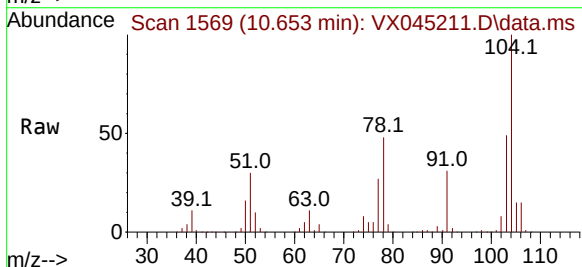
Manual Integrations
APPROVED

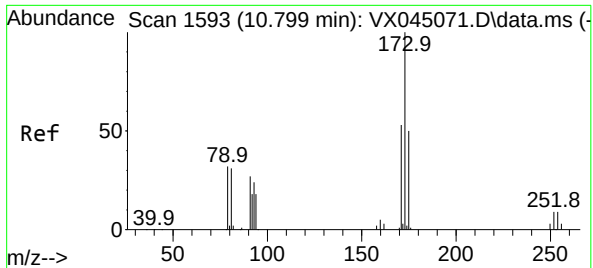
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#70
Styrene
Concen: 55.460 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

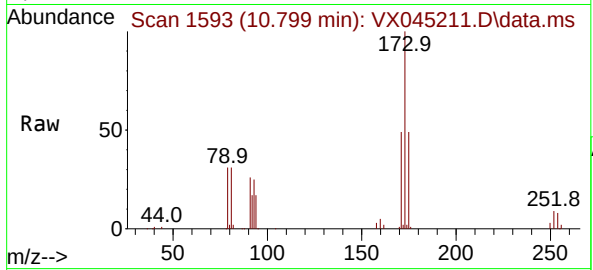
Tgt Ion:104 Resp: 187697
Ion Ratio Lower Upper
104 100
78 54.1 42.2 63.4
103 54.7 43.8 65.8





#71
Bromoform
Concen: 57.546 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

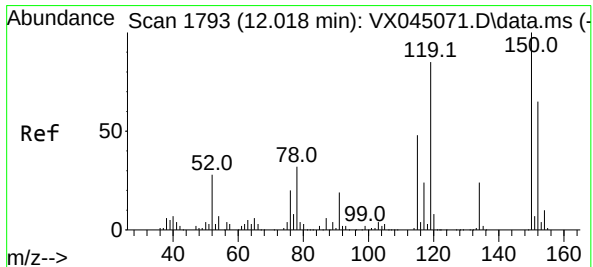
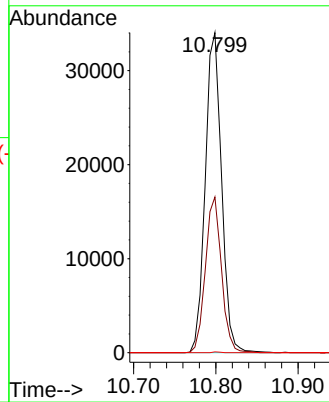
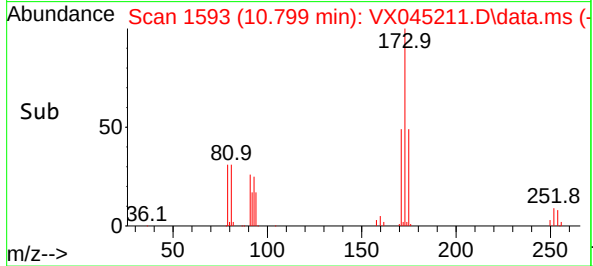
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 4698
Ion Ratio Lower Upper
173 100
175 48.1 24.6 73.6
254 0.1 0.0 0.0

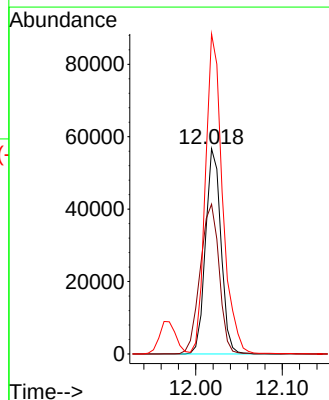
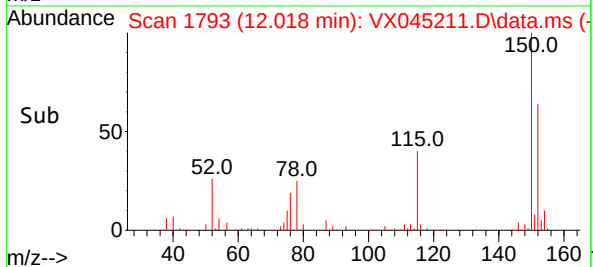
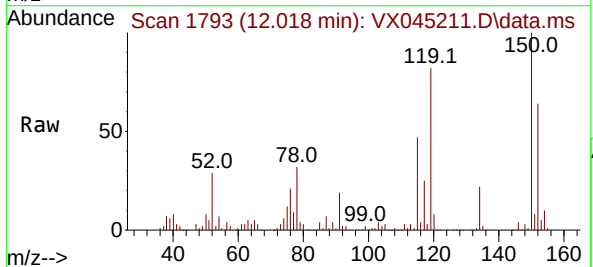
Manual Integrations
APPROVED

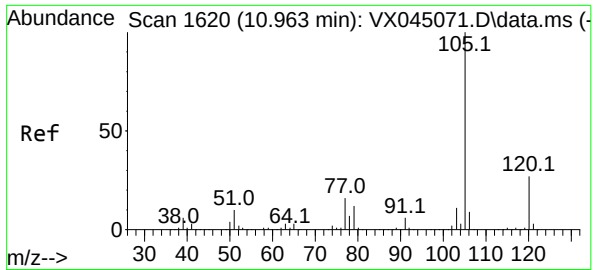
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

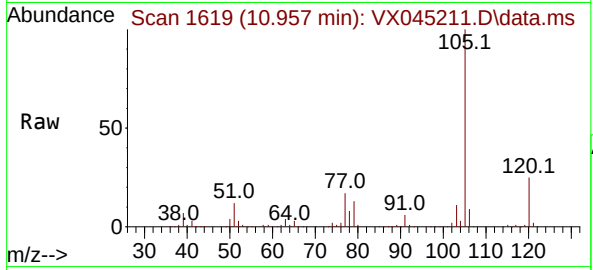
Tgt Ion:152 Resp: 70136
Ion Ratio Lower Upper
152 100
115 89.7 44.2 132.6
150 172.9 0.0 349.0





#73
Isopropylbenzene
Concen: 53.524 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

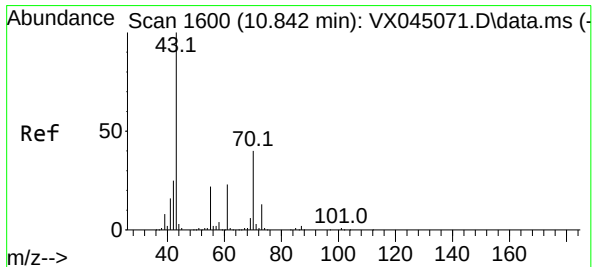
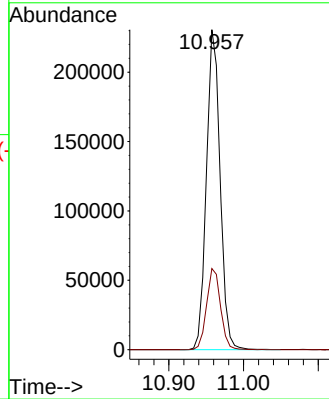
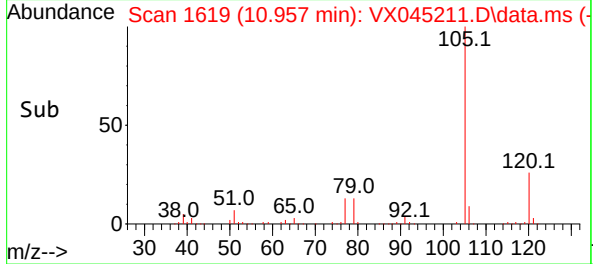
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 29300
Ion Ratio Lower Upper
105 100
120 25.8 13.2 39.5

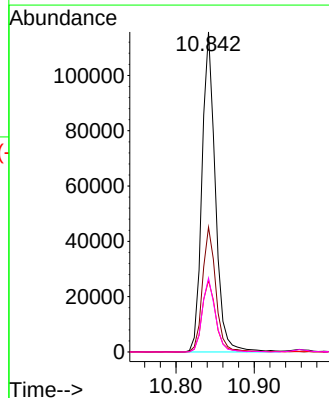
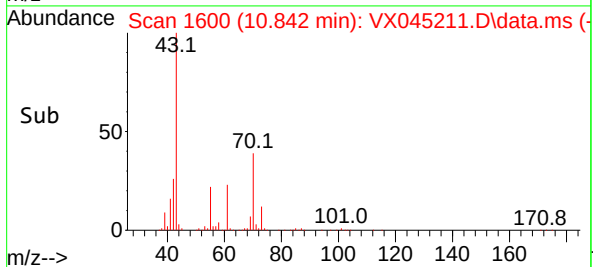
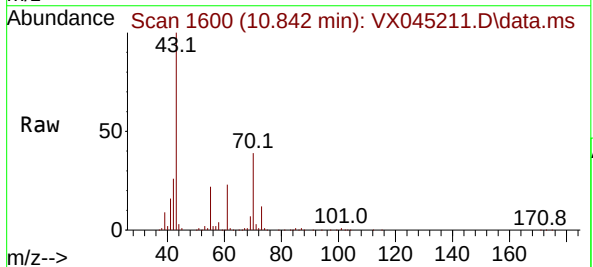
Manual Integrations
APPROVED

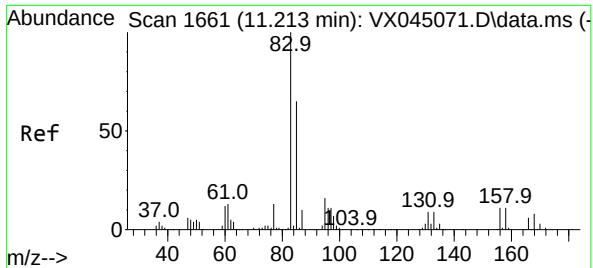
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#74
N-ethyl acetate
Concen: 53.471 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Tgt Ion: 43 Resp: 137353
Ion Ratio Lower Upper
43 100
70 39.2 31.8 47.6
55 22.8 18.3 27.5
61 22.7 18.3 27.5





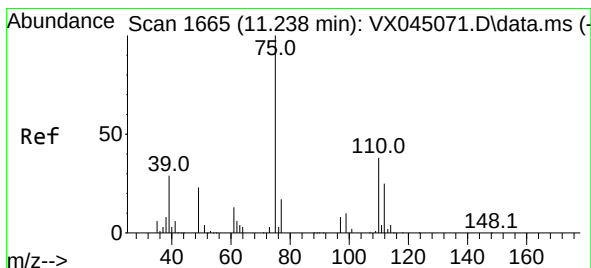
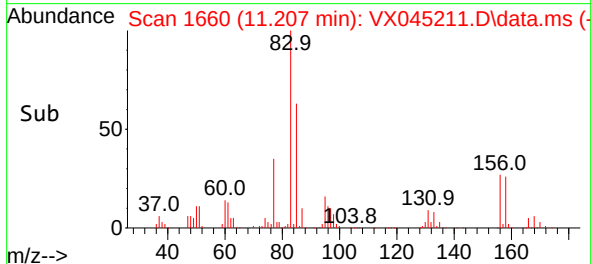
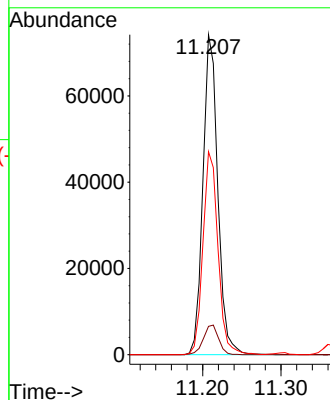
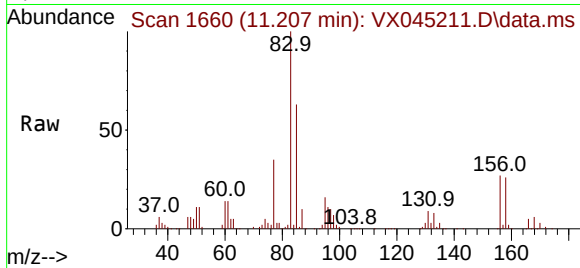
#75
1,1,2,2-Tetrachloroethane
Concen: 48.598 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 97628
Ion Ratio Lower Upper
83 100
131 9.5 4.5 13.4
85 64.3 31.7 95.1

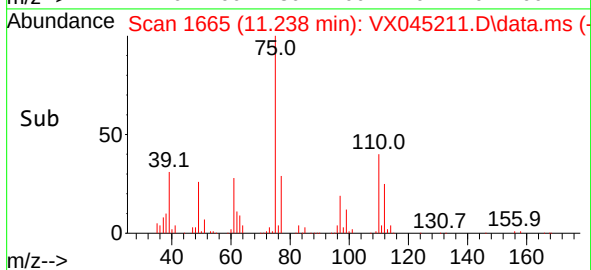
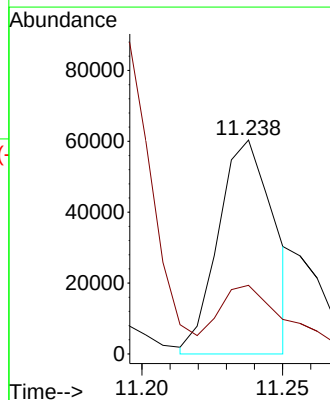
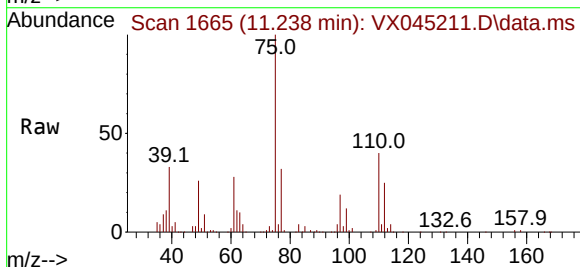
Manual Integrations
APPROVED

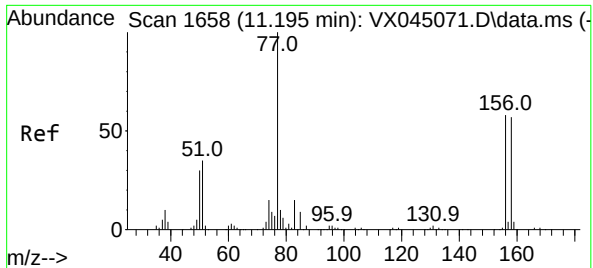
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#76
1,2,3-Trichloropropane
Concen: 50.763 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

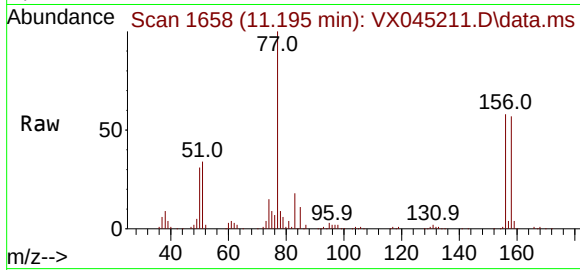
Tgt Ion: 75 Resp: 82866
Ion Ratio Lower Upper
75 100
77 40.3 20.7 62.1





#77
Bromobenzene
Concen: 51.748 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

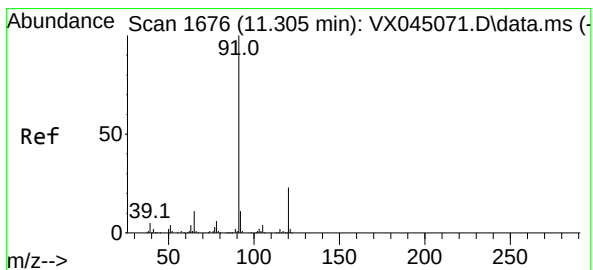
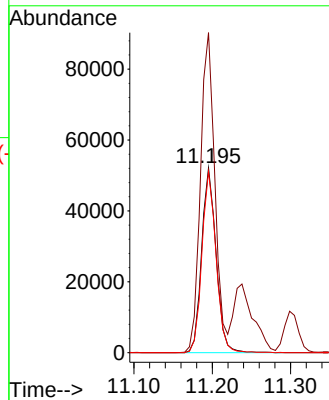
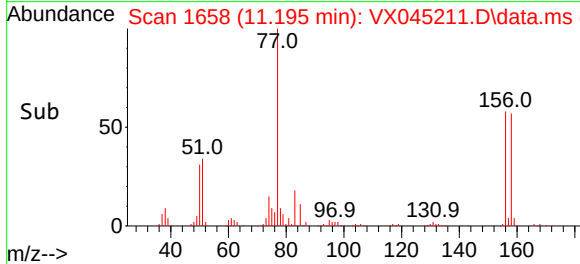
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 66839
Ion Ratio Lower Upper
156 100
77 173.3 85.8 257.4
158 96.2 48.4 145.2

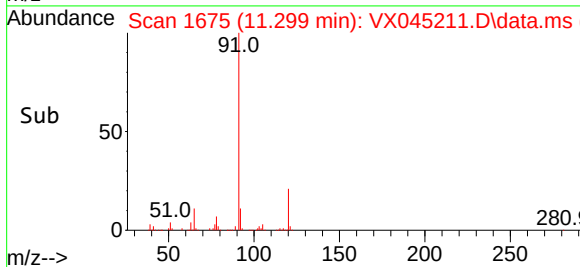
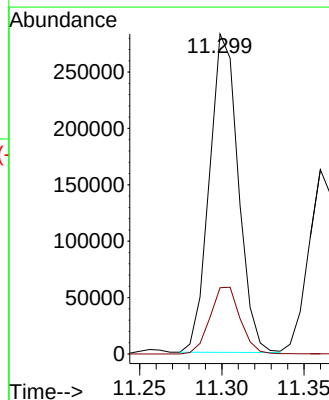
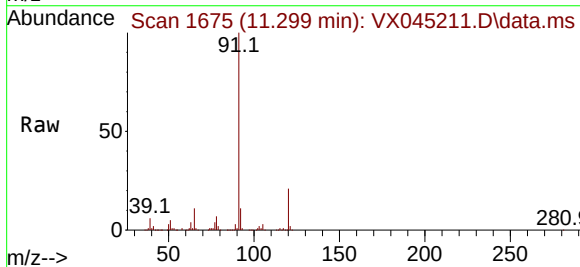
Manual Integrations
APPROVED

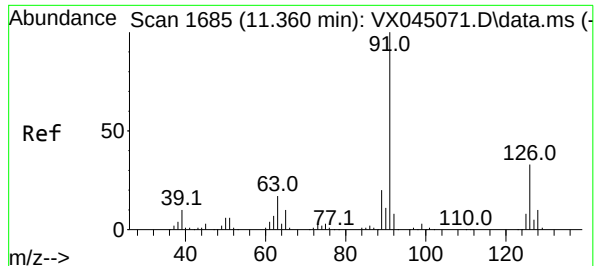
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#78
n-propylbenzene
Concen: 55.815 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Tgt Ion: 91 Resp: 345156
Ion Ratio Lower Upper
91 100
120 22.0 11.2 33.6





#79

2-Chlorotoluene

Concen: 51.714 ug/l

RT: 11.360 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 20366

Ion Ratio Lower Upper

91 100

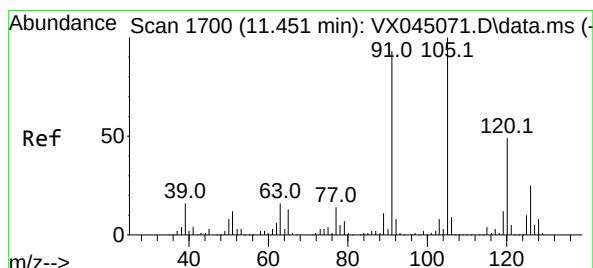
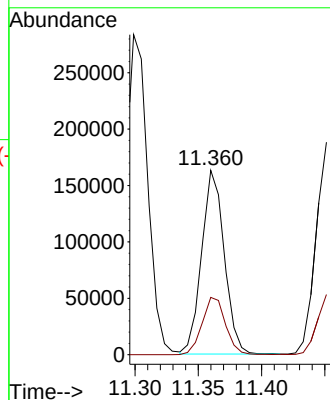
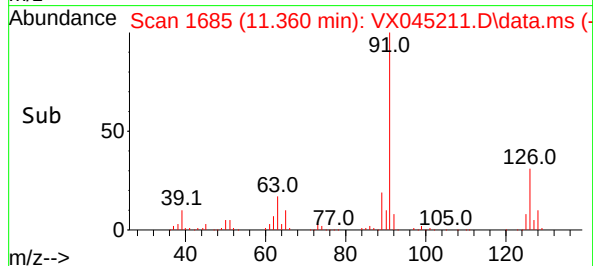
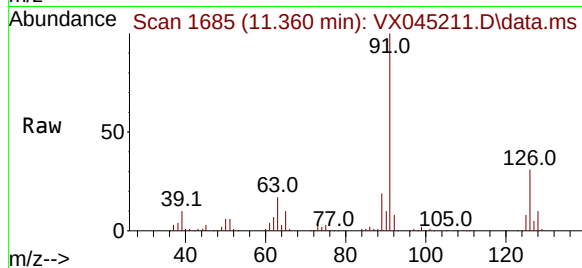
126 32.2 16.4 49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#80

1,3,5-Trimethylbenzene

Concen: 54.036 ug/l

RT: 11.445 min Scan# 1699

Delta R.T. -0.006 min

Lab File: VX045211.D

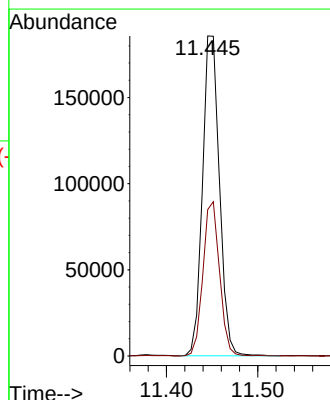
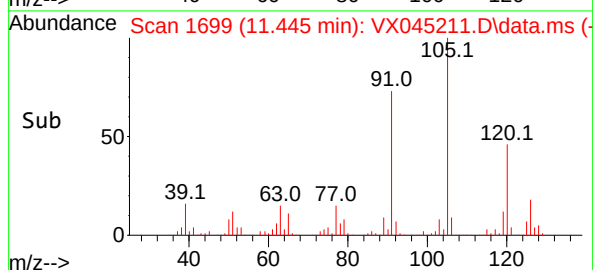
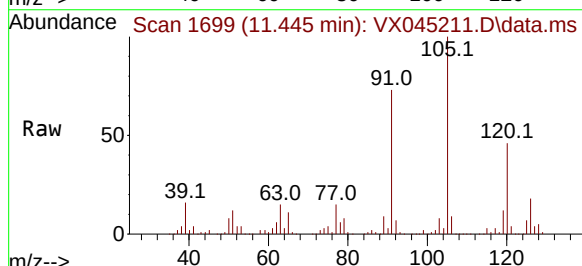
Acq: 11 Mar 2025 09:59

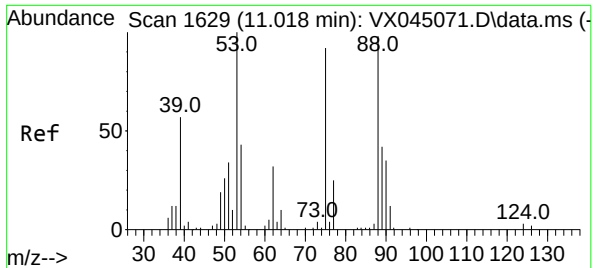
Tgt Ion:105 Resp: 239185

Ion Ratio Lower Upper

105 100

120 47.2 24.1 72.2





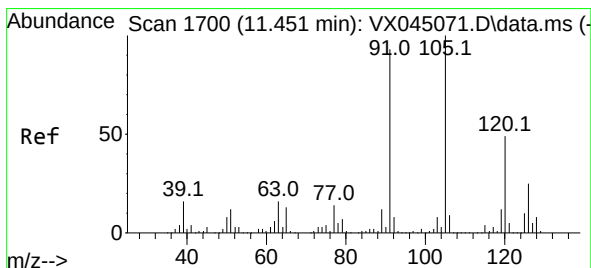
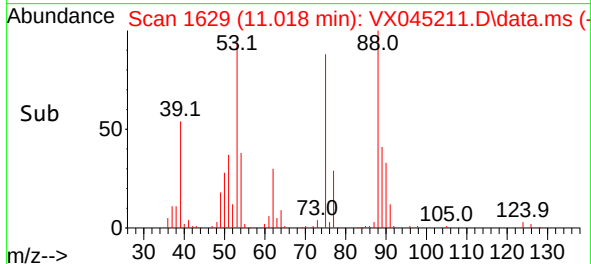
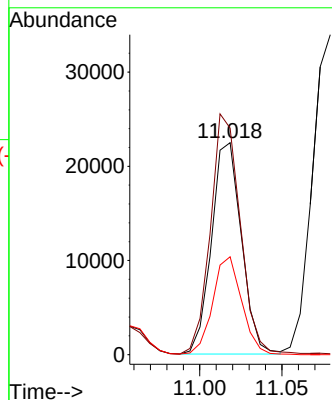
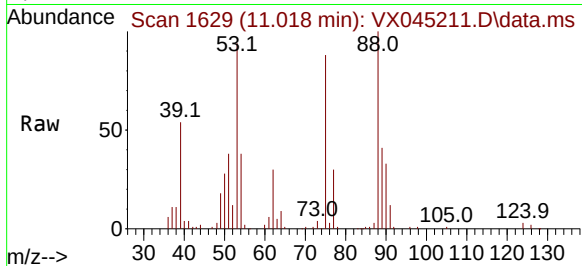
#81
trans-1,4-Dichloro-2-butene
Concen: 59.586 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 2842
Ion Ratio Lower Upper
75 100
53 114.6 88.5 132.7
89 45.1 36.2 54.4

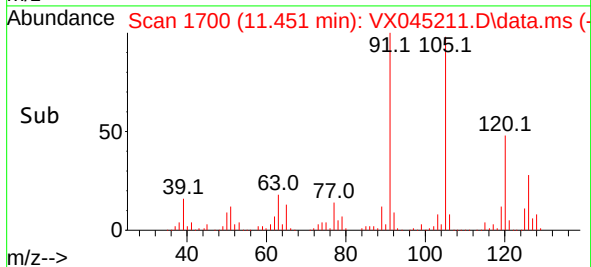
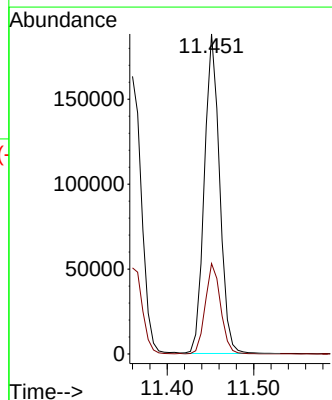
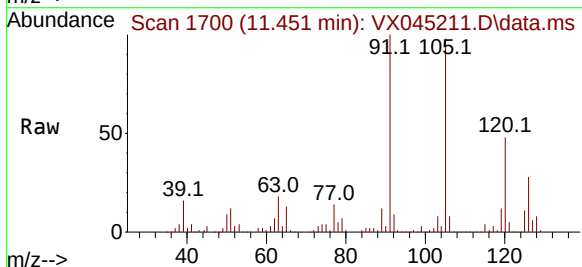
Manual Integrations
APPROVED

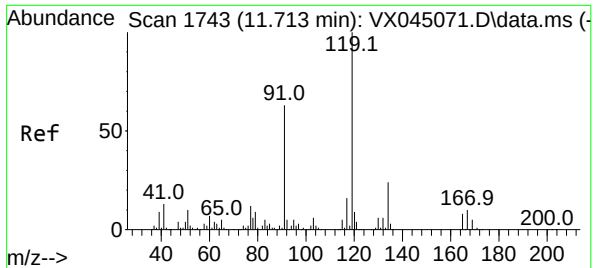
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#82
4-Chlorotoluene
Concen: 53.609 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

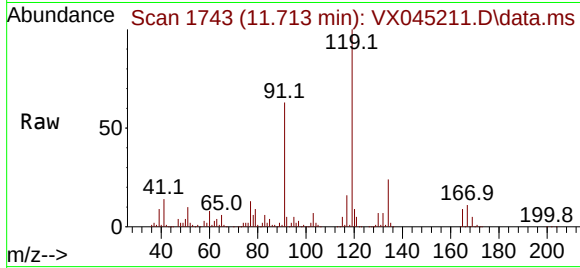
Tgt Ion: 91 Resp: 230104
Ion Ratio Lower Upper
91 100
126 28.4 14.1 42.4





#83
tert-Butylbenzene
Concen: 52.798 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

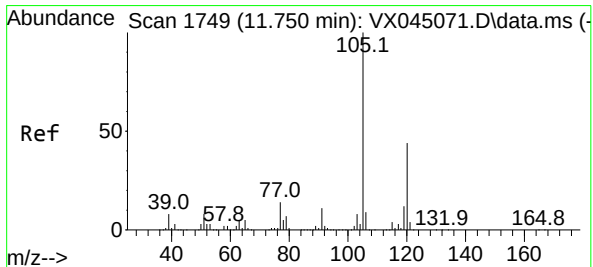
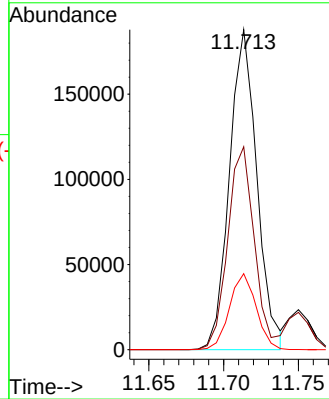
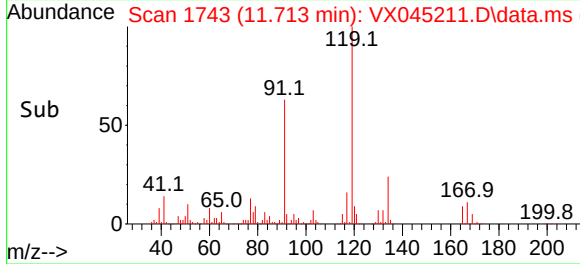
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 240128
Ion Ratio Lower Upper
119 100
91 60.6 30.7 92.1
134 23.1 11.7 35.0

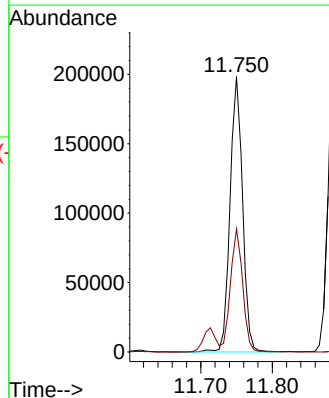
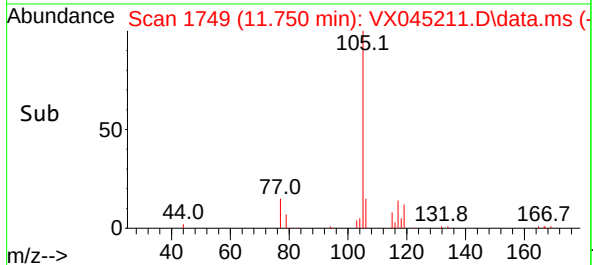
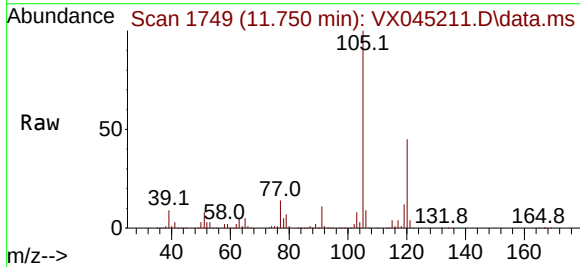
Manual Integrations
APPROVED

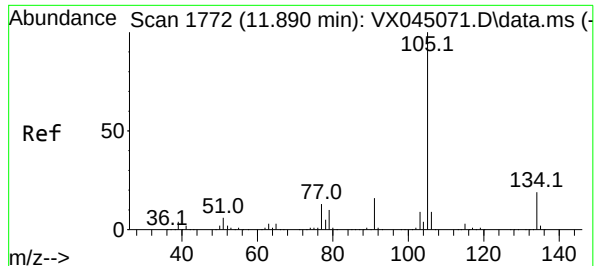
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#84
1,2,4-Trimethylbenzene
Concen: 54.029 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Tgt Ion:105 Resp: 240636
Ion Ratio Lower Upper
105 100
120 43.9 22.1 66.1





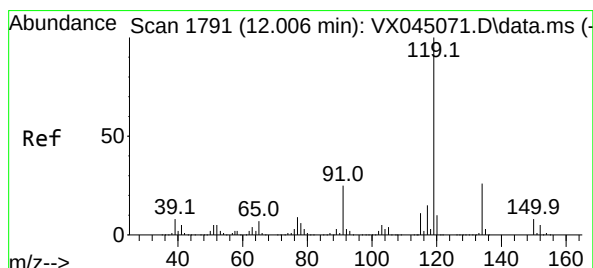
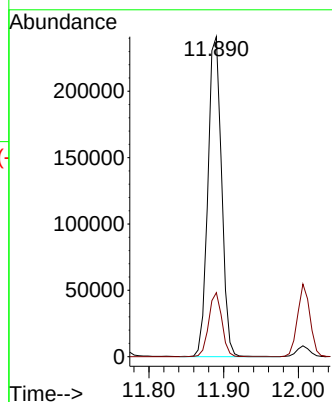
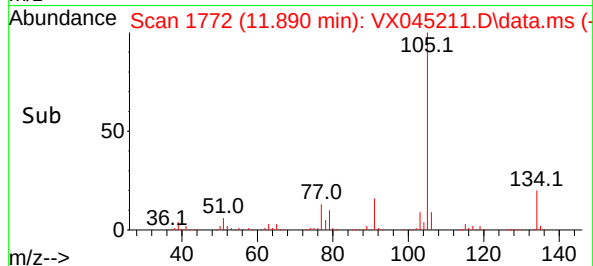
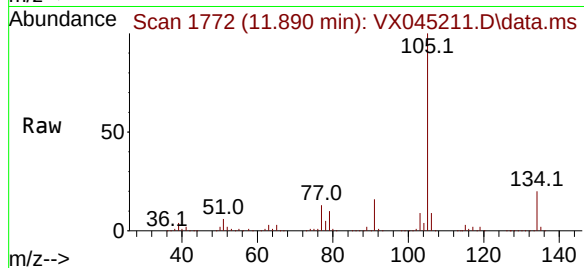
#85
 sec-Butylbenzene
 Concen: 56.188 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX045211.D
 Acq: 11 Mar 2025 09:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 306100
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.4

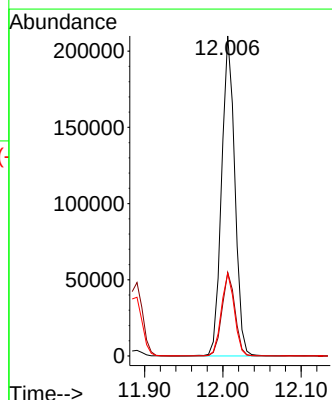
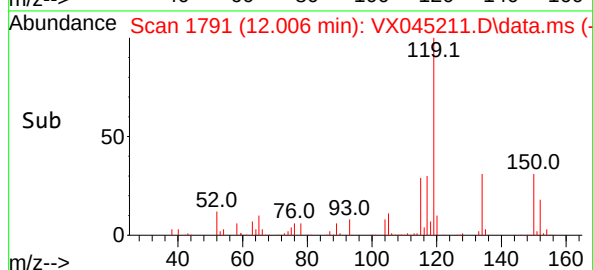
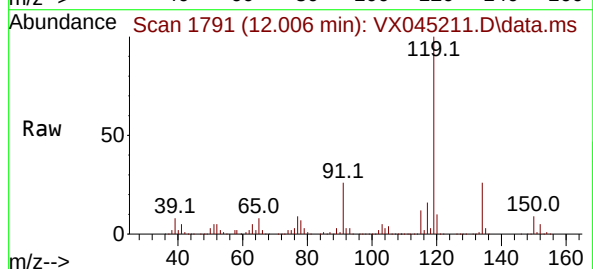
Manual Integrations
 APPROVED

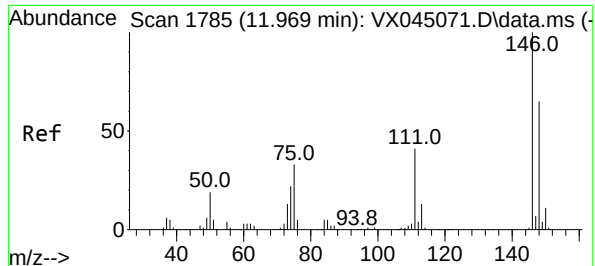
Reviewed By :John Carlone 03/12/2025
 Supervised By :Mahesh Dadoda 03/12/2025



#86
 p-Isopropyltoluene
 Concen: 56.113 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX045211.D
 Acq: 11 Mar 2025 09:59

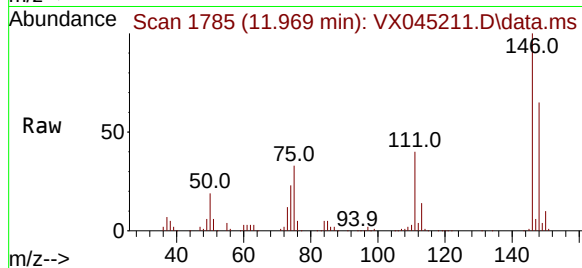
Tgt Ion:119 Resp: 247047
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.6
 91 25.6 12.7 38.0





#87
1,3-Dichlorobenzene
Concen: 51.564 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

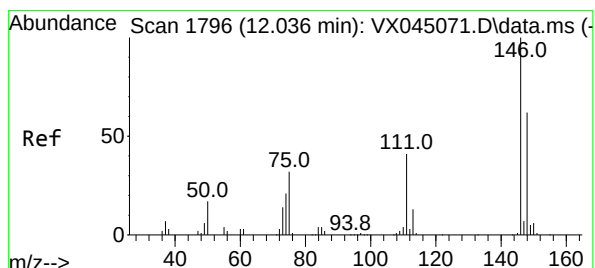
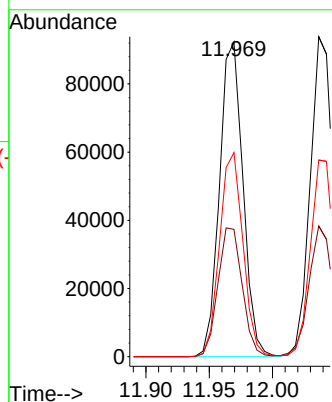
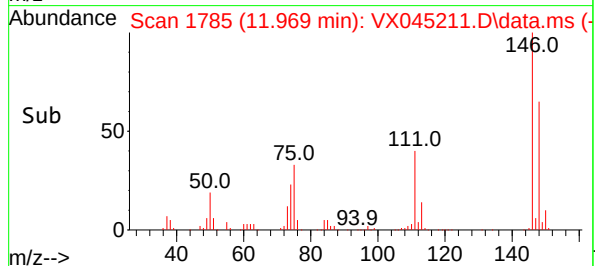
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



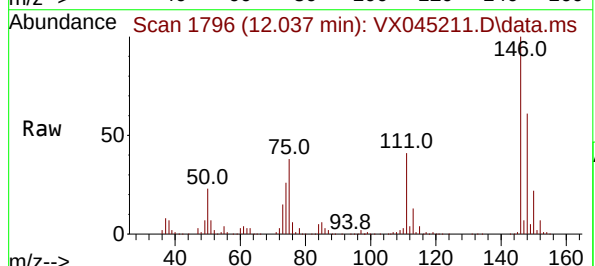
Tgt Ion:146 Resp: 11881
Ion Ratio Lower Upper
146 100
111 42.4 21.1 63.4
148 64.9 31.9 95.7

Manual Integrations
APPROVED

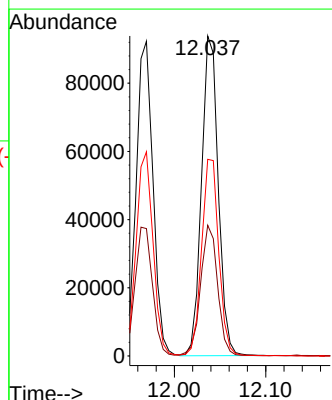
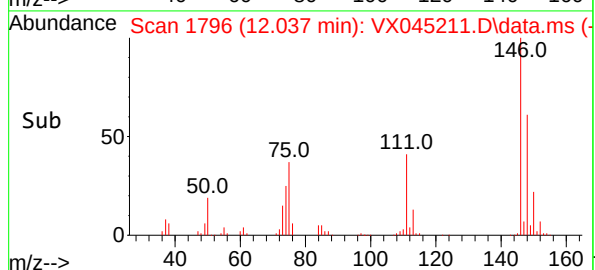
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

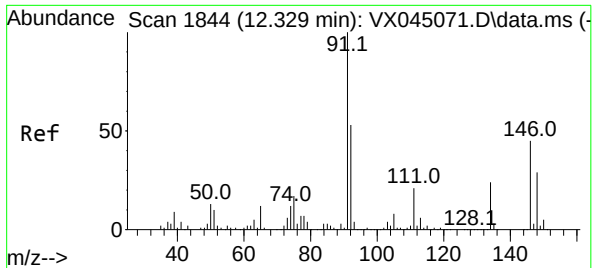


#88
1,4-Dichlorobenzene
Concen: 51.014 ug/l
RT: 12.037 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59



Tgt Ion:146 Resp: 118921
Ion Ratio Lower Upper
146 100
111 41.6 20.2 60.5
148 63.0 31.9 95.9





#89

n-Butylbenzene

Concen: 59.371 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 225130

Ion Ratio Lower Upper

91 100

92 53.3 26.7 80.0

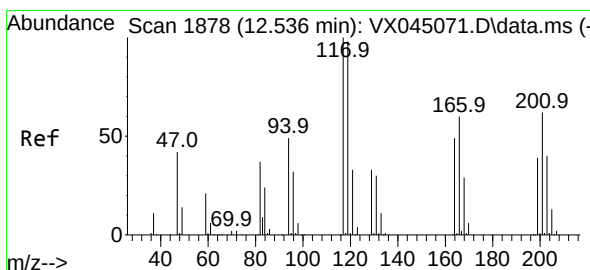
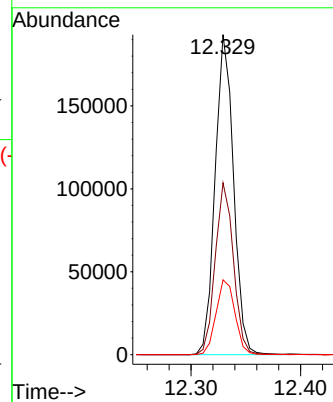
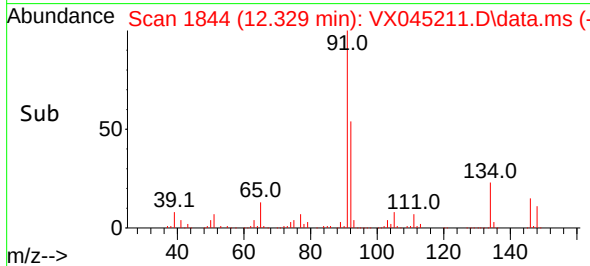
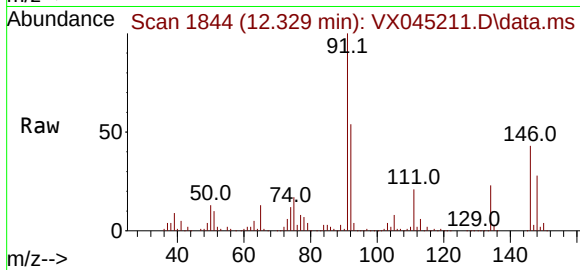
134 24.1 12.2 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#90

Hexachloroethane

Concen: 55.032 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX045211.D

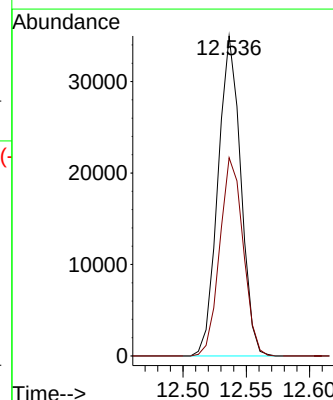
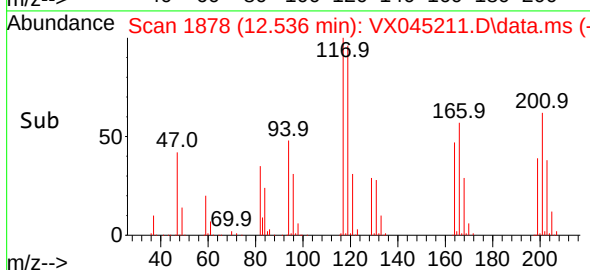
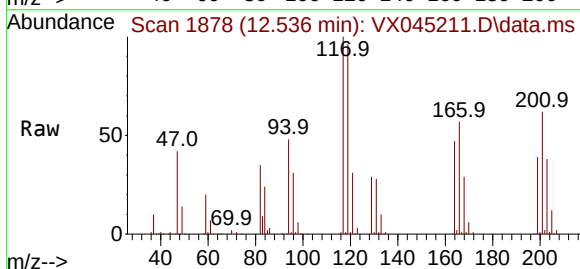
Acq: 11 Mar 2025 09:59

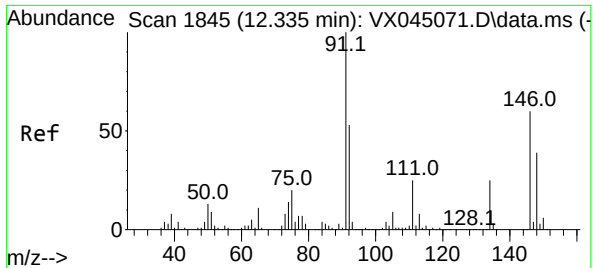
Tgt Ion:117 Resp: 43824

Ion Ratio Lower Upper

117 100

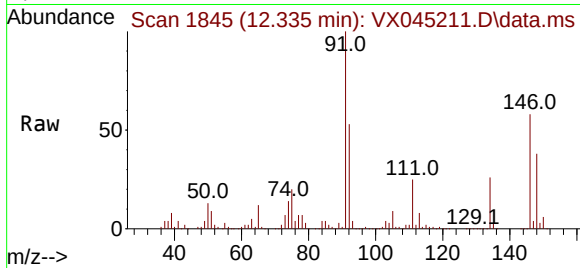
201 63.6 31.9 95.9





#91
1,2-Dichlorobenzene
Concen: 50.690 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

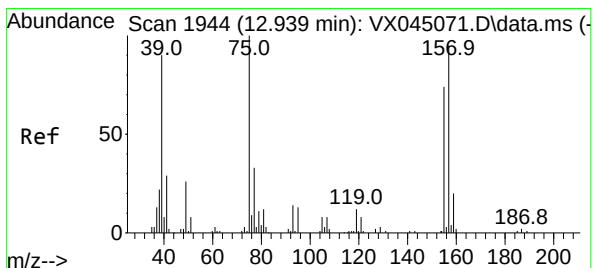
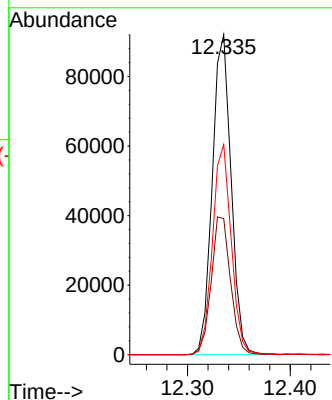
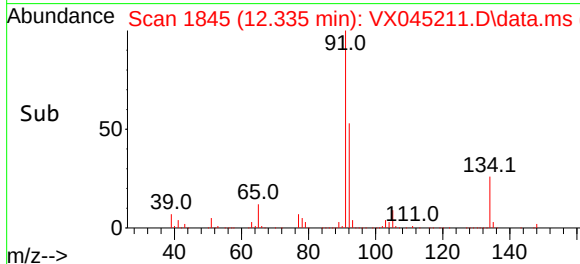
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 117160
Ion Ratio Lower Upper
146 100
111 44.3 21.6 65.0
148 65.5 31.9 95.9

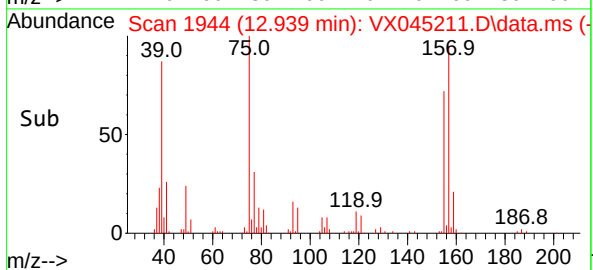
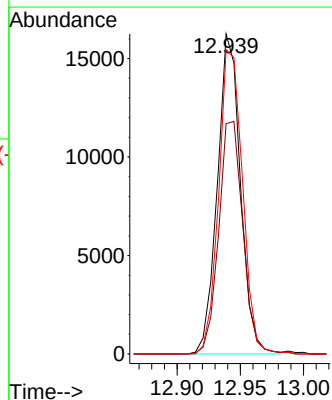
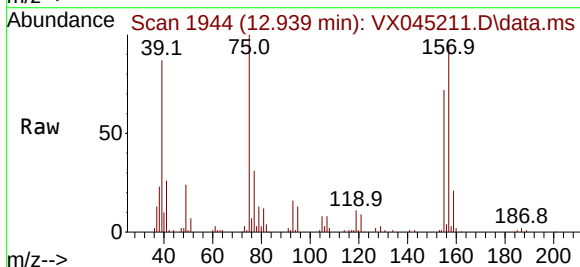
Manual Integrations
APPROVED

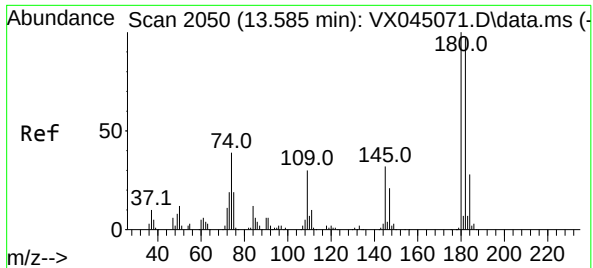
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.534 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Tgt Ion: 75 Resp: 20560
Ion Ratio Lower Upper
75 100
155 76.0 39.6 118.7
157 98.2 51.1 153.4





#93

1,2,4-Trichlorobenzene

Concen: 55.234 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

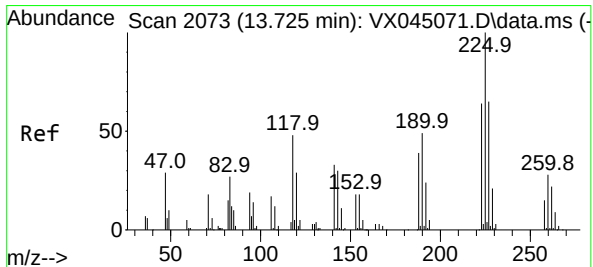
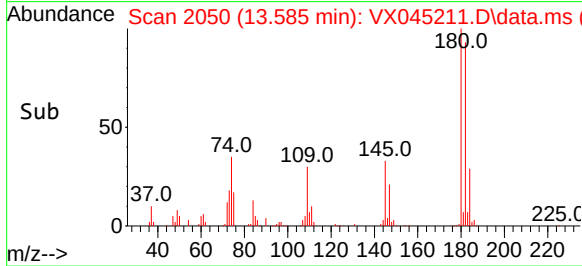
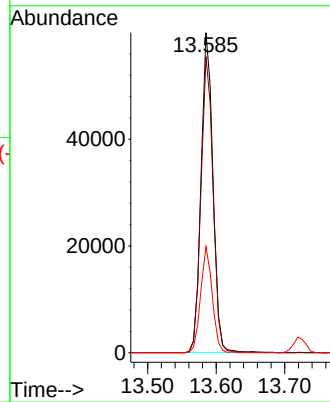
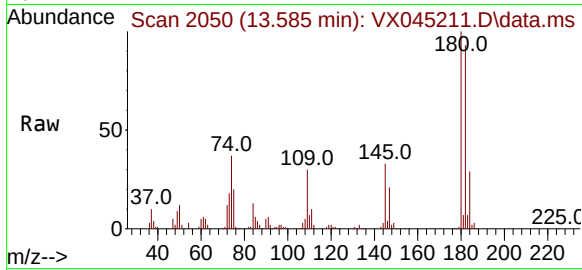
Tgt Ion:180	Resp:	72690
Ion Ratio	Lower	Upper
180	100	
182	93.6	47.3 141.9
145	32.3	16.3 48.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#94

Hexachlorobutadiene

Concen: 56.956 ug/l

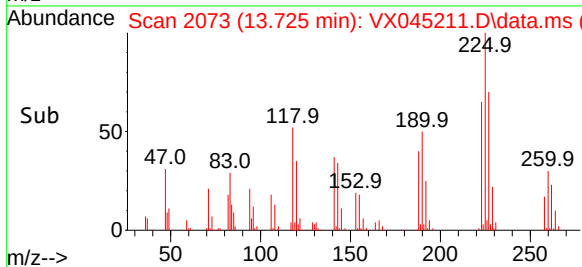
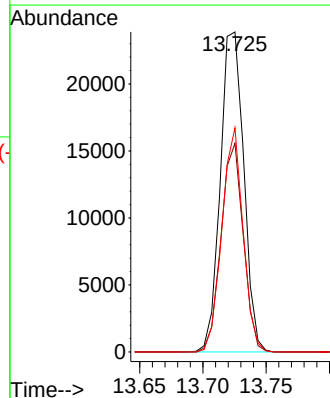
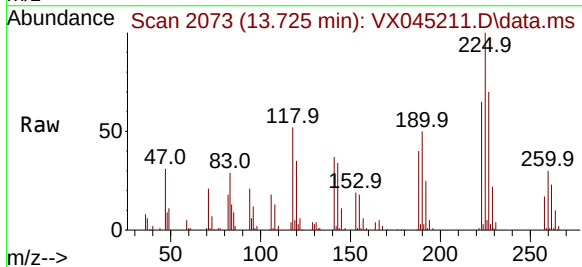
RT: 13.725 min Scan# 2073

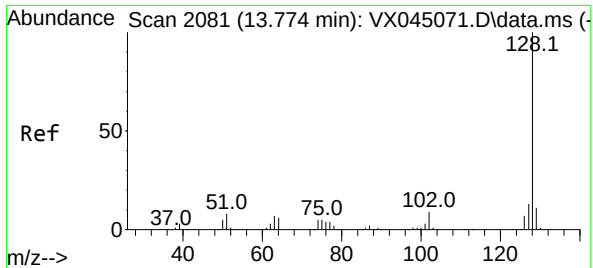
Delta R.T. 0.000 min

Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

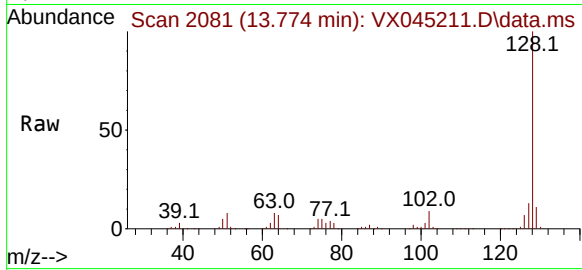
Tgt Ion:225	Resp:	30733
Ion Ratio	Lower	Upper
225	100	
223	61.6	31.9 95.7
227	63.1	31.4 94.0





#95
Naphthalene
Concen: 51.639 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

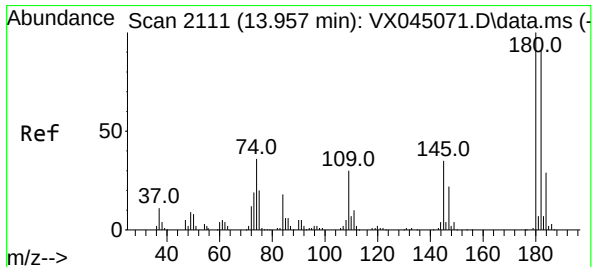
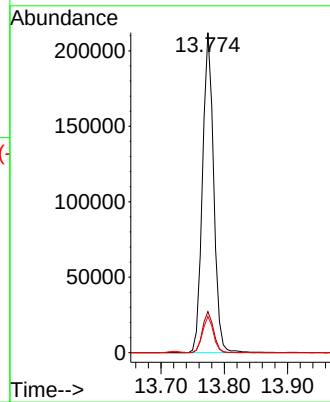
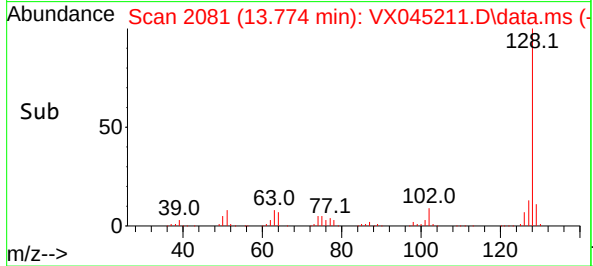
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 26112
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.1 8.7 13.1

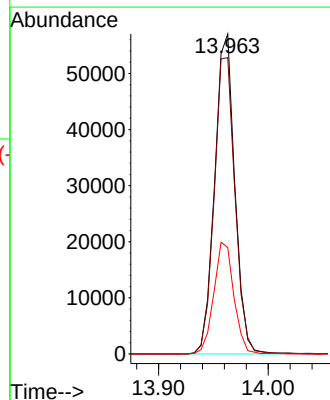
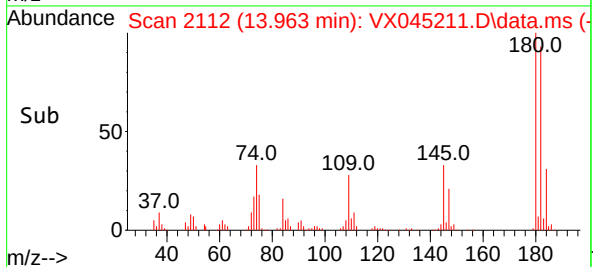
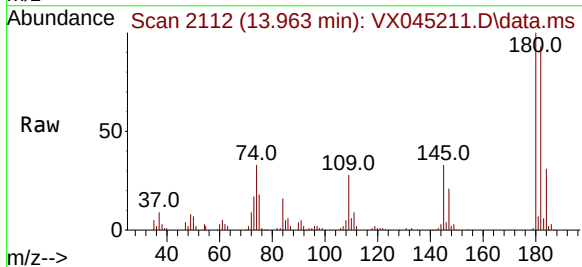
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#96
1,2,3-Trichlorobenzene
Concen: 52.399 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Tgt Ion:180 Resp: 72754
Ion Ratio Lower Upper
180 100
182 95.8 47.5 142.6
145 34.9 17.0 50.9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
 Data File : VX045211.D
 Acq On : 11 Mar 2025 09:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 12 01:41:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 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	98	0.00
2 T	Dichlorodifluoromethane	0.629	0.659	-4.8	103	0.00
3 P	Chloromethane	0.770	0.731	5.1	95	0.00
4 C	Vinyl Chloride	0.764	0.723	5.4#	93	0.00
5 T	Bromomethane	0.300	0.303	-1.0	102	0.00
6 T	Chloroethane	0.352	0.386	-9.7	102	0.00
7 T	Trichlorofluoromethane	1.011	1.035	-2.4	97	0.00
8 T	Diethyl Ether	0.396	0.369	6.8	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.581	0.644	-10.8	106	0.00
10 T	Methyl Iodide	0.726	0.769	-5.9	98	0.00
11 T	Tert butyl alcohol	0.151	0.117	22.5	86	0.00
12 CM	1,1-Dichloroethene	0.614	0.615	-0.2#	97	0.00
13 T	Acrolein	0.174	0.153	12.1	87	0.00
14 T	Allyl chloride	1.094	1.165	-6.5	103	0.00
15 T	Acrylonitrile	0.404	0.413	-2.2	99	0.00
16 T	Acetone	0.369	0.381	-3.3	106	0.00
17 T	Carbon Disulfide	1.636	1.547	5.4	92	0.00
18 T	Methyl Acetate	0.888	1.002	-12.8	114	0.00
19 T	Methyl tert-butyl Ether	2.061	2.061	0.0	97	0.00
20 T	Methylene Chloride	0.731	0.714	2.3	100	0.00
21 T	trans-1,2-Dichloroethene	0.607	0.616	-1.5	96	0.00
22 T	Diisopropyl ether	2.224	2.299	-3.4	99	0.00
23 T	Vinyl Acetate	1.856	1.965	-5.9	98	0.00
24 P	1,1-Dichloroethane	1.247	1.245	0.2	98	0.00
25 T	2-Butanone	0.555	0.581	-4.7	99	-0.01
26 T	2,2-Dichloropropane	0.585	0.905	-54.7#	149	0.00
27 T	cis-1,2-Dichloroethene	0.749	0.755	-0.8	97	0.00
28 T	Bromochloromethane	0.594	0.579	2.5	94	0.00
29 T	Tetrahydrofuran	0.373	0.367	1.6	97	0.00
30 C	Chloroform	1.239	1.234	0.4#	97	0.00
31 T	Cyclohexane	1.082	1.111	-2.7	99	0.00
32 T	1,1,1-Trichloroethane	1.000	1.017	-1.7	98	0.00
33 S	1,2-Dichloroethane-d4	0.795	0.792	0.4	103	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
35 S	Dibromofluoromethane	0.334	0.355	-6.3	102	-0.01
36 T	1,1-Dichloropropene	0.459	0.476	-3.7	96	0.00
37 T	Ethyl Acetate	0.591	0.613	-3.7	96	0.00
38 T	Carbon Tetrachloride	0.465	0.493	-6.0	100	0.00
39 T	Methylcyclohexane	0.549	0.622	-13.3	101	0.00
40 TM	Benzene	1.448	1.486	-2.6	94	0.00
41 T	Methacrylonitrile	0.319	0.341	-6.9	95	0.00
42 TM	1,2-Dichloroethane	0.521	0.546	-4.8	98	0.00
43 T	Isopropyl Acetate	0.874	0.953	-9.0	97	0.00
44 TM	Trichloroethene	0.340	0.354	-4.1	98	0.00
45 C	1,2-Dichloropropane	0.372	0.380	-2.2#	97	0.00
46 T	Dibromomethane	0.263	0.278	-5.7	98	0.00
47 T	Bromodichloromethane	0.516	0.557	-7.9	101	0.00
48 T	Methyl methacrylate	0.438	0.470	-7.3	96	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
 Data File : VX045211.D
 Acq On : 11 Mar 2025 09:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 12 01:41:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 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	0.009	0.008	11.1	84	0.00
50 S	Toluene-d8	1.212	1.251	-3.2	98	0.00
51 T	4-Methyl-2-Pentanone	0.587	0.636	-8.3	99	0.00
52 CM	Toluene	0.849	0.900	-6.0#	95	0.00
53 T	t-1,3-Dichloropropene	0.431	0.514	-19.3	104	0.00
54 T	cis-1,3-Dichloropropene	0.503	0.580	-15.3	103	0.00
55 T	1,1,2-Trichloroethane	0.350	0.361	-3.1	96	0.00
56 T	Ethyl methacrylate	0.532	0.594	-11.7	99	0.00
57 T	1,3-Dichloropropane	0.605	0.631	-4.3	96	0.00
58 T	2-Chloroethyl Vinyl ether	0.259	0.302	-16.6	101	0.00
59 T	2-Hexanone	0.425	0.458	-7.8	97	0.00
60 T	Dibromochloromethane	0.366	0.404	-10.4	100	0.00
61 T	1,2-Dibromoethane	0.349	0.373	-6.9	99	0.00
62 S	4-Bromofluorobenzene	0.402	0.446	-10.9	105	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
64 T	Tetrachloroethene	0.320	0.336	-5.0	98	0.00
65 PM	Chlorobenzene	1.058	1.120	-5.9	97	0.00
66 T	1,1,1,2-Tetrachloroethane	0.352	0.372	-5.7	99	0.00
67 C	Ethyl Benzene	1.843	1.996	-8.3#	97	0.00
68 T	m/p-Xylenes	0.675	0.738	-9.3	97	0.00
69 T	o-Xylene	0.681	0.724	-6.3	97	0.00
70 T	Styrene	1.101	1.222	-11.0	98	0.00
71 P	Bromoform	0.266	0.306	-15.0	105	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73 T	Isopropylbenzene	3.903	4.178	-7.0	99	0.00
74 T	N-amyl acetate	1.831	1.958	-6.9	98	0.00
75 P	1,1,2,2-Tetrachloroethane	1.432	1.392	2.8	97	0.00
76 T	1,2,3-Trichloropropane	1.164	1.182	-1.5	101	0.00
77 T	Bromobenzene	0.921	0.953	-3.5	100	0.00
78 T	n-propylbenzene	4.409	4.921	-11.6	101	0.00
79 T	2-Chlorotoluene	2.808	2.904	-3.4	100	0.00
80 T	1,3,5-Trimethylbenzene	3.156	3.410	-8.0	99	0.00
81 T	trans-1,4-Dichloro-2-butene	0.340	0.405	-19.1	118	0.00
82 T	4-Chlorotoluene	3.060	3.281	-7.2	100	0.00
83 T	tert-Butylbenzene	3.242	3.424	-5.6	100	0.00
84 T	1,2,4-Trimethylbenzene	3.175	3.431	-8.1	100	0.00
85 T	sec-Butylbenzene	3.884	4.364	-12.4	102	0.00
86 T	p-Isopropyltoluene	3.139	3.522	-12.2	101	0.00
87 T	1,3-Dichlorobenzene	1.643	1.694	-3.1	100	0.00
88 T	1,4-Dichlorobenzene	1.662	1.696	-2.0	99	0.00
89 T	n-Butylbenzene	2.703	3.210	-18.8	105	0.00
90 T	Hexachloroethane	0.568	0.625	-10.0	102	0.00
91 T	1,2-Dichlorobenzene	1.648	1.671	-1.4	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.279	0.293	-5.0	100	0.00
93 T	1,2,4-Trichlorobenzene	0.938	1.037	-10.6	101	0.00
94 T	Hexachlorobutadiene	0.385	0.438	-13.8	110	0.00
95 T	Naphthalene	3.605	3.723	-3.3	94	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
Data File : VX045211.D
Acq On : 11 Mar 2025 09:59
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Mar 12 01:41:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.990	1.037	-4.7	96	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
 Data File : VX045211.D
 Acq On : 11 Mar 2025 09:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 12 01:41:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 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	98	0.00
2 T	Dichlorodifluoromethane	50.000	52.372	-4.7	103	0.00
3 P	Chloromethane	50.000	47.472	5.1	95	0.00
4 C	Vinyl Chloride	50.000	47.311	5.4#	93	0.00
5 T	Bromomethane	50.000	50.390	-0.8	102	0.00
6 T	Chloroethane	50.000	54.794	-9.6	102	0.00
7 T	Trichlorofluoromethane	50.000	51.147	-2.3	97	0.00
8 T	Diethyl Ether	50.000	46.681	6.6	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	55.369	-10.7	106	0.00
10 T	Methyl Iodide	50.000	52.942	-5.9	98	0.00
11 T	Tert butyl alcohol	250.000	194.474	22.2	86	0.00
12 CM	1,1-Dichloroethene	50.000	50.020	-0.0#	97	0.00
13 T	Acrolein	250.000	219.893	12.0	87	0.00
14 T	Allyl chloride	50.000	53.245	-6.5	103	0.00
15 T	Acrylonitrile	250.000	255.519	-2.2	99	0.00
16 T	Acetone	250.000	258.004	-3.2	106	0.00
17 T	Carbon Disulfide	50.000	47.279	5.4	92	0.00
18 T	Methyl Acetate	50.000	56.465	-12.9	114	0.00
19 T	Methyl tert-butyl Ether	50.000	49.992	0.0	97	0.00
20 T	Methylene Chloride	50.000	48.811	2.4	100	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.781	-1.6	96	0.00
22 T	Diisopropyl ether	50.000	51.685	-3.4	99	0.00
23 T	Vinyl Acetate	250.000	264.646	-5.9	98	0.00
24 P	1,1-Dichloroethane	50.000	49.921	0.2	98	0.00
25 T	2-Butanone	250.000	261.614	-4.6	99	-0.01
26 T	2,2-Dichloropropane	50.000	77.390	-54.8#	149	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.382	-0.8	97	0.00
28 T	Bromochloromethane	50.000	48.726	2.5	94	0.00
29 T	Tetrahydrofuran	250.000	245.874	1.7	97	0.00
30 C	Chloroform	50.000	49.818	0.4#	97	0.00
31 T	Cyclohexane	50.000	51.345	-2.7	99	0.00
32 T	1,1,1-Trichloroethane	50.000	50.816	-1.6	98	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.818	0.4	103	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	95	0.00
35 S	Dibromofluoromethane	50.000	53.104	-6.2	102	-0.01
36 T	1,1-Dichloropropene	50.000	51.860	-3.7	96	0.00
37 T	Ethyl Acetate	50.000	51.851	-3.7	96	0.00
38 T	Carbon Tetrachloride	50.000	52.948	-5.9	100	0.00
39 T	Methylcyclohexane	50.000	56.638	-13.3	101	0.00
40 TM	Benzene	50.000	51.320	-2.6	94	0.00
41 T	Methacrylonitrile	50.000	53.315	-6.6	95	0.00
42 TM	1,2-Dichloroethane	50.000	52.356	-4.7	98	0.00
43 T	Isopropyl Acetate	50.000	54.564	-9.1	97	0.00
44 TM	Trichloroethene	50.000	52.042	-4.1	98	0.00
45 C	1,2-Dichloropropane	50.000	50.991	-2.0#	97	0.00
46 T	Dibromomethane	50.000	52.911	-5.8	98	0.00
47 T	Bromodichloromethane	50.000	53.986	-8.0	101	0.00
48 T	Methyl methacrylate	50.000	53.663	-7.3	96	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
 Data File : VX045211.D
 Acq On : 11 Mar 2025 09:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 12 01:41:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 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	900.059	10.0	84	0.00
50 S	Toluene-d8	50.000	51.586	-3.2	98	0.00
51 T	4-Methyl-2-Pentanone	250.000	271.045	-8.4	99	0.00
52 CM	Toluene	50.000	52.972	-5.9#	95	0.00
53 T	t-1,3-Dichloropropene	50.000	59.606	-19.2	104	0.00
54 T	cis-1,3-Dichloropropene	50.000	57.592	-15.2	103	0.00
55 T	1,1,2-Trichloroethane	50.000	51.661	-3.3	96	0.00
56 T	Ethyl methacrylate	50.000	55.894	-11.8	99	0.00
57 T	1,3-Dichloropropane	50.000	52.131	-4.3	96	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	291.597	-16.6	101	0.00
59 T	2-Hexanone	250.000	269.382	-7.8	97	0.00
60 T	Dibromochloromethane	50.000	55.267	-10.5	100	0.00
61 T	1,2-Dibromoethane	50.000	53.438	-6.9	99	0.00
62 S	4-Bromofluorobenzene	50.000	55.511	-11.0	105	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64 T	Tetrachloroethene	50.000	52.473	-4.9	98	0.00
65 PM	Chlorobenzene	50.000	52.928	-5.9	97	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.821	-5.6	99	0.00
67 C	Ethyl Benzene	50.000	54.136	-8.3#	97	0.00
68 T	m/p-Xylenes	100.000	109.410	-9.4	97	0.00
69 T	o-Xylene	50.000	53.202	-6.4	97	0.00
70 T	Styrene	50.000	55.460	-10.9	98	0.00
71 P	Bromoform	50.000	57.546	-15.1	105	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73 T	Isopropylbenzene	50.000	53.524	-7.0	99	0.00
74 T	N-amyl acetate	50.000	53.471	-6.9	98	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.598	2.8	97	0.00
76 T	1,2,3-Trichloropropane	50.000	50.763	-1.5	101	0.00
77 T	Bromobenzene	50.000	51.748	-3.5	100	0.00
78 T	n-propylbenzene	50.000	55.815	-11.6	101	0.00
79 T	2-Chlorotoluene	50.000	51.714	-3.4	100	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.036	-8.1	99	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	59.586	-19.2	118	0.00
82 T	4-Chlorotoluene	50.000	53.609	-7.2	100	0.00
83 T	tert-Butylbenzene	50.000	52.798	-5.6	100	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.029	-8.1	100	0.00
85 T	sec-Butylbenzene	50.000	56.188	-12.4	102	0.00
86 T	p-Isopropyltoluene	50.000	56.113	-12.2	101	0.00
87 T	1,3-Dichlorobenzene	50.000	51.564	-3.1	100	0.00
88 T	1,4-Dichlorobenzene	50.000	51.014	-2.0	99	0.00
89 T	n-Butylbenzene	50.000	59.371	-18.7	105	0.00
90 T	Hexachloroethane	50.000	55.032	-10.1	102	0.00
91 T	1,2-Dichlorobenzene	50.000	50.690	-1.4	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.534	-5.1	100	0.00
93 T	1,2,4-Trichlorobenzene	50.000	55.234	-10.5	101	0.00
94 T	Hexachlorobutadiene	50.000	56.956	-13.9	110	0.00
95 T	Naphthalene	50.000	51.639	-3.3	94	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
Data File : VX045211.D
Acq On : 11 Mar 2025 09:59
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Mar 12 01:41:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.399	-4.8	96	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6



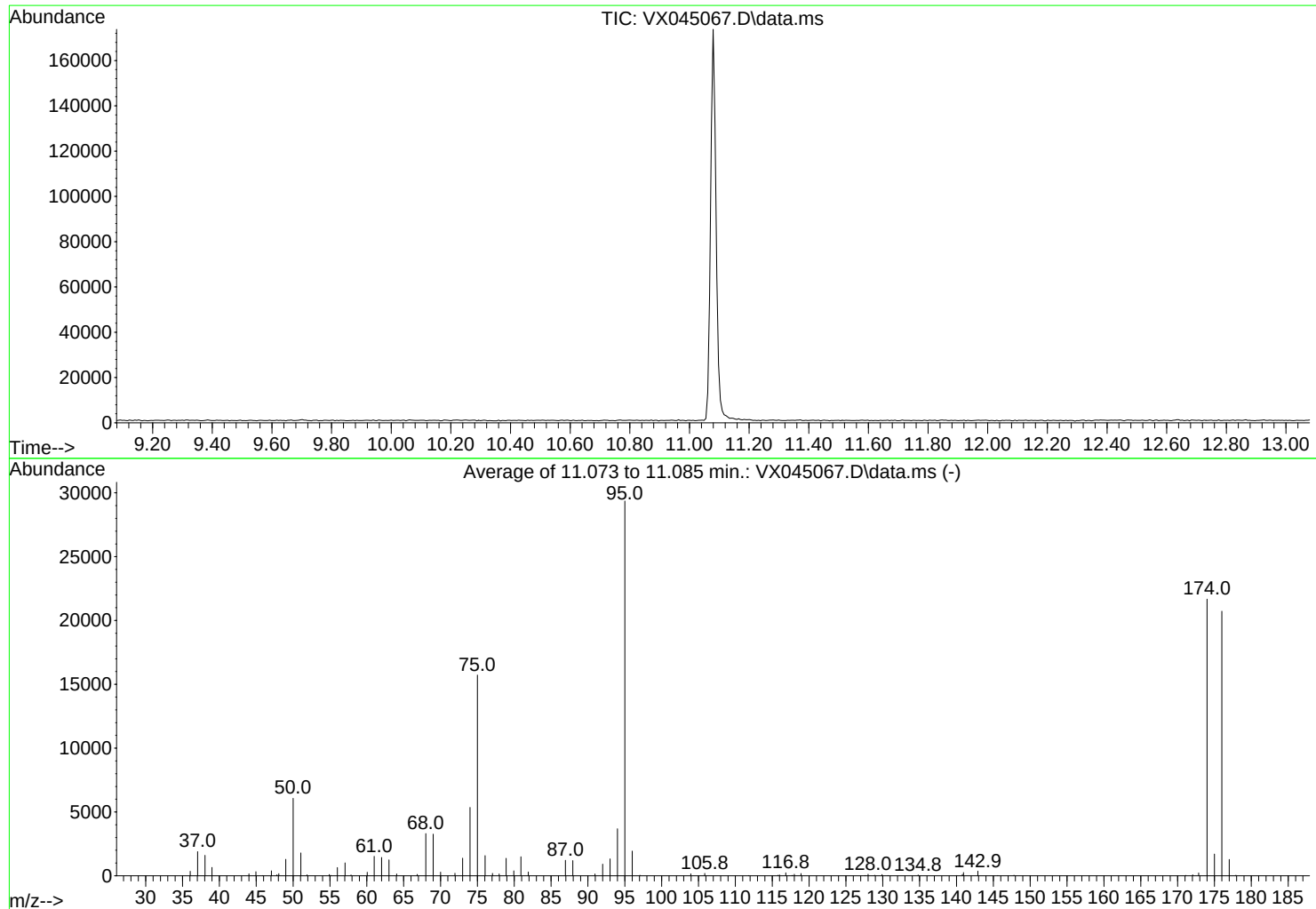
QC SAMPLE DATA

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045067.D
Acq On : 28 Feb 2025 01:03
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Title : SW846 8260
Last Update : Fri Feb 28 06:45:16 2025



AutoFind: Scans 1638, 1639, 1640; Background Corrected with Scan 1632

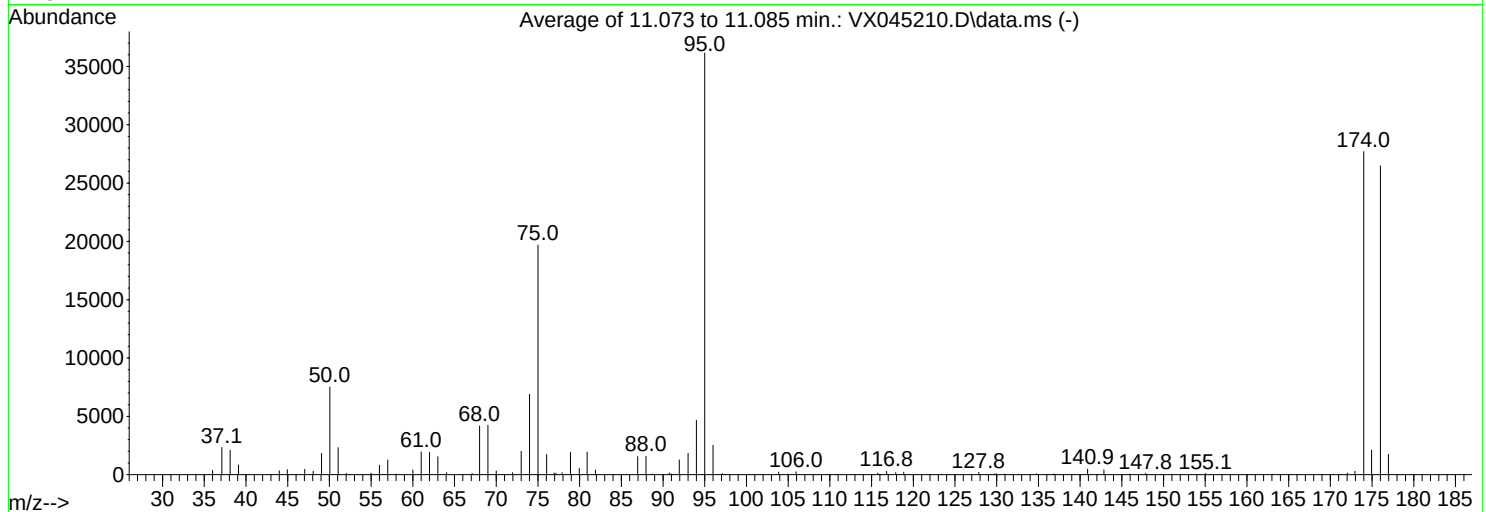
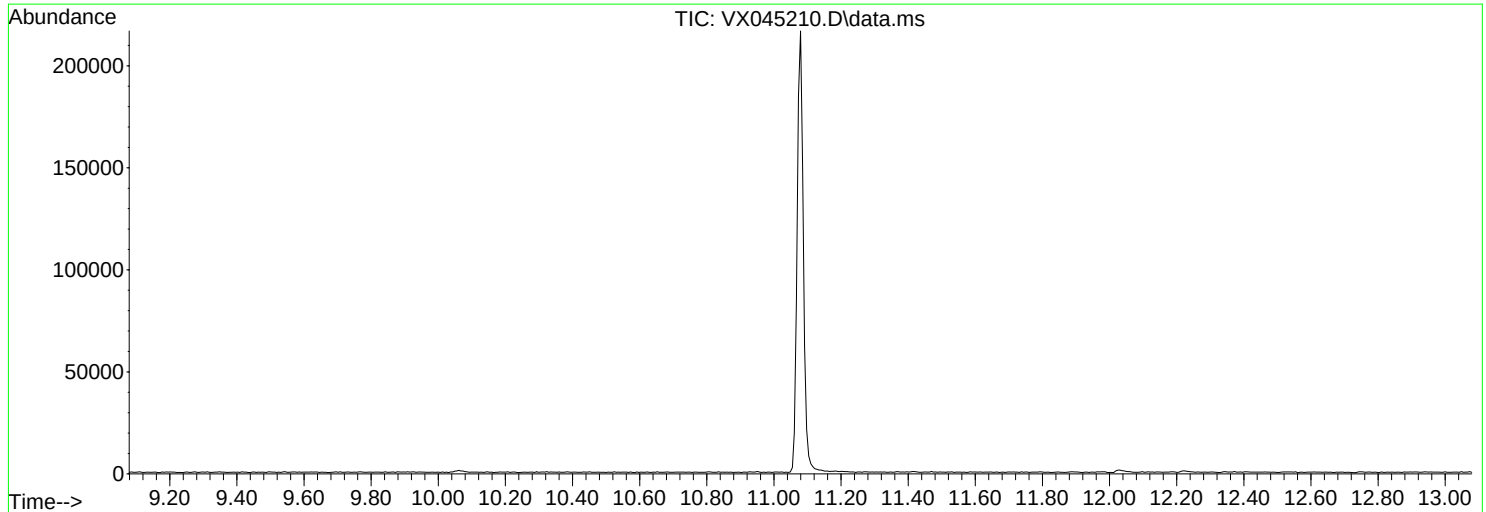
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.7	6072	PASS
75	95	30	60	53.6	15726	PASS
95	95	100	100	100.0	29360	PASS
96	95	5	9	6.6	1942	PASS
173	174	0.00	2	1.0	219	PASS
174	95	50	100	73.8	21677	PASS
175	174	5	9	7.9	1702	PASS
176	174	95	101	95.6	20723	PASS
177	176	5	9	6.2	1277	PASS

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
Data File : VX045210.D
Acq On : 11 Mar 2025 09:30
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\82X022825W.M
Title : SW846 8260
Last Update : Fri Feb 28 06:45:16 2025



AutoFind: Scans 1638, 1639, 1640; Background Corrected with Scan 1632

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.8	7524	PASS
75	95	30	60	54.5	19691	PASS
95	95	100	100	100.0	36163	PASS
96	95	5	9	7.0	2523	PASS
173	174	0.00	2	1.0	284	PASS
174	95	50	100	76.6	27691	PASS
175	174	5	9	7.6	2094	PASS
176	174	95	101	95.6	26483	PASS
177	176	5	9	6.6	1736	PASS

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	DPW	Date Received:	
Client Sample ID:	VX0311WBL01	SDG No.:	Q1525
Lab Sample ID:	VX0311WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045213.D	1		03/11/25 10:51	VX031125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
74-87-3	Chloromethane	0.35	U	0.35	1.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	1.00	ug/L
75-65-0	Tert butyl alcohol	5.60	U	5.60	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	1.00	ug/L
67-64-1	Acetone	1.40	U	1.40	5.00	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	1.00	ug/L
71-43-2	Benzene	0.16	U	0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	1.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	1.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	5.00	ug/L
108-88-3	Toluene	0.18	U	0.18	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	1.00	ug/L

Report of Analysis

Client:	G Environmental			Date Collected:			
Project:	DPW			Date Received:			
Client Sample ID:	VX0311WBL01			SDG No.:	Q1525		
Lab Sample ID:	VX0311WBL01			Matrix:	Water		
Analytical Method:	SW8260			% Solid:	0		
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000	uL	
Soil Aliquot Vol:	uL			Test:	VOCMS Group1		
GC Column:	DB-624UI	ID :	0.18	Level :	LOW		
Prep Method :							

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045213.D	1		03/11/25 10:51	VX031125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	0.13	U	0.13	1.00	ug/L
100-41-4	Ethyl Benzene	0.16	U	0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	2.00	ug/L
95-47-6	o-Xylene	0.14	U	0.14	1.00	ug/L
100-42-5	Styrene	0.16	U	0.16	1.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.3		70 (74) - 130 (125)	107%	SPK: 50
1868-53-7	Dibromofluoromethane	50.7		70 (75) - 130 (124)	101%	SPK: 50
2037-26-5	Toluene-d8	50.6		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.4		70 (77) - 130 (121)	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	70000	5.544			
540-36-3	1,4-Difluorobenzene	139000	6.757			
3114-55-4	Chlorobenzene-d5	126000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	50100	12.024			

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\VX031125\
 Data File : VX045213.D
 Acq On : 11 Mar 2025 10:51
 Operator : JC/MD
 Sample : VX0311WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBL01

Quant Time: Mar 12 01:43:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	69956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	139206	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50068	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59358	53.343	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.680%
35) Dibromofluoromethane	5.385	113	47150	50.653	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.300%
50) Toluene-d8	8.647	98	170914	50.647	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.300%
62) 4-Bromofluorobenzene	11.079	95	57517	51.435	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.880%

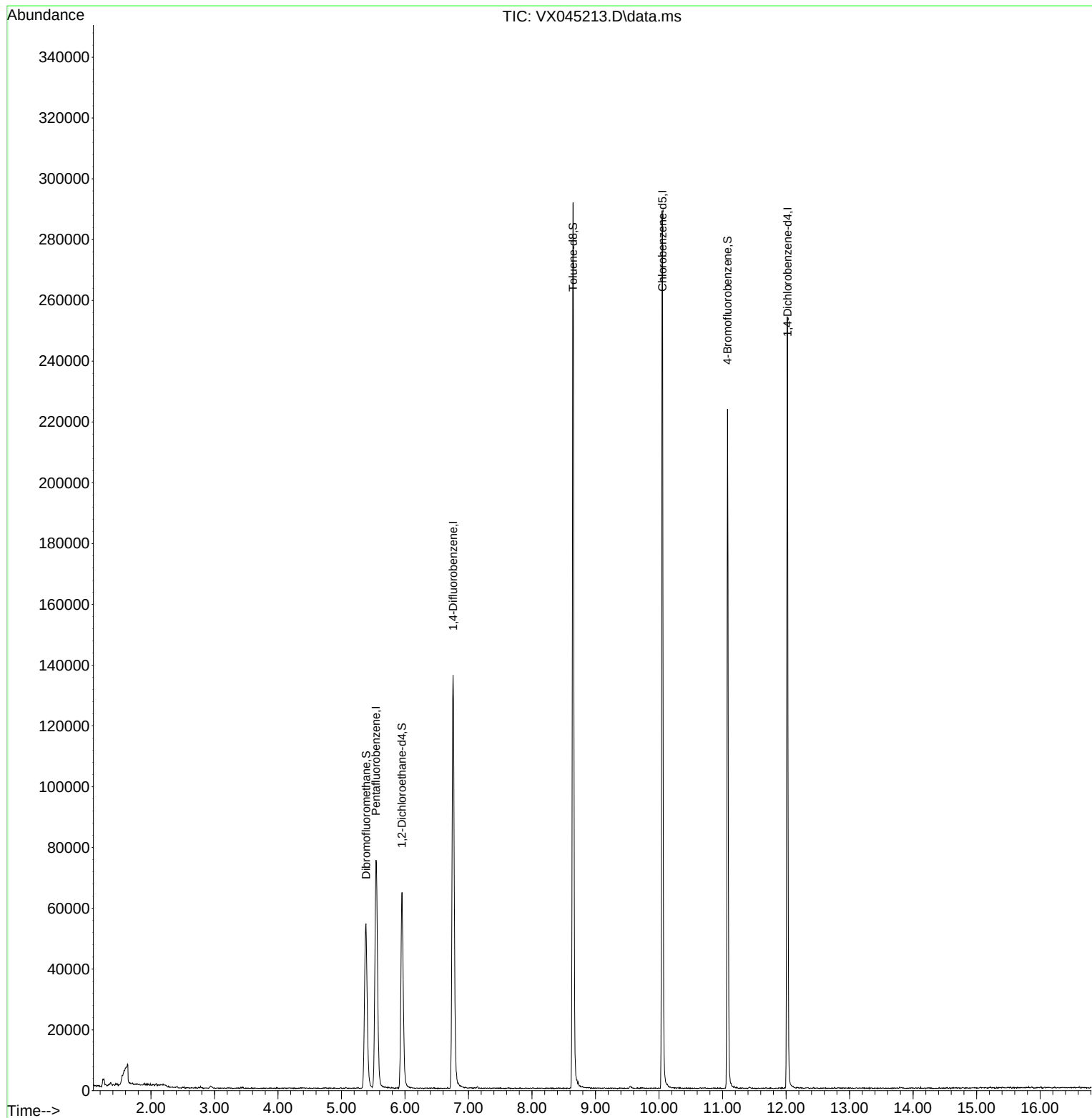
Target Compounds	Qvalue

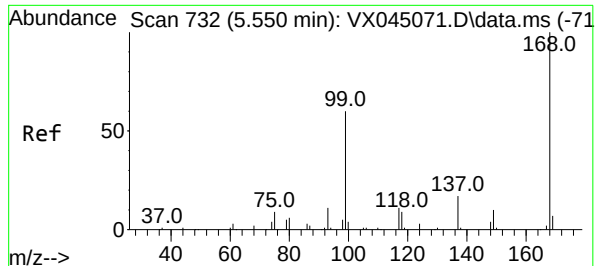
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
Data File : VX045213.D
Acq On : 11 Mar 2025 10:51
Operator : JC/MD
Sample : VX0311WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBL01

Quant Time: Mar 12 01:43:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

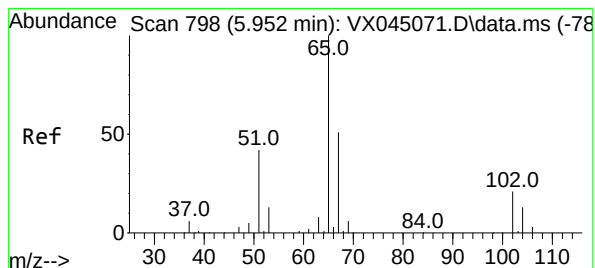
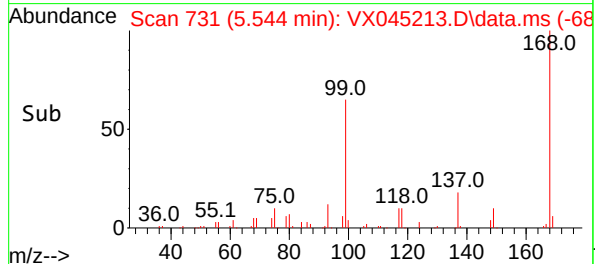
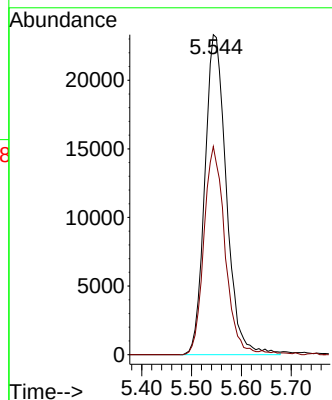
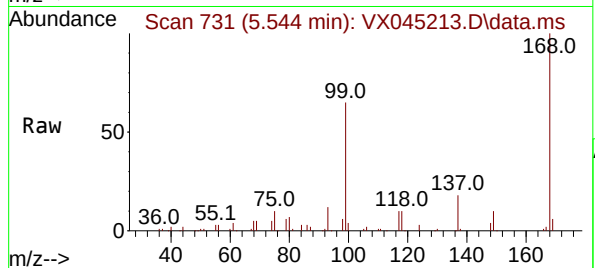




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX045213.D
Acq: 11 Mar 2025 10:51

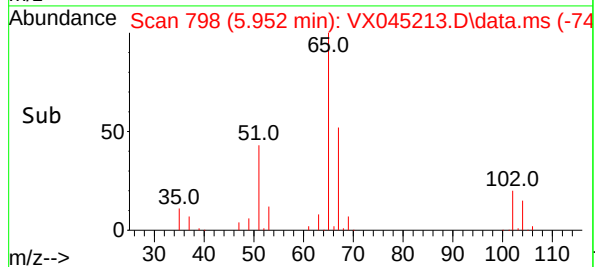
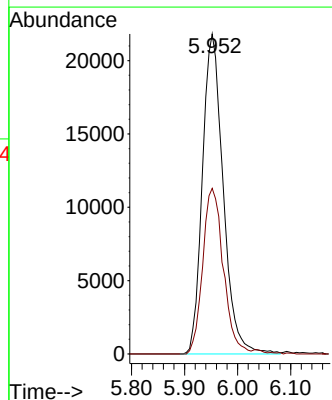
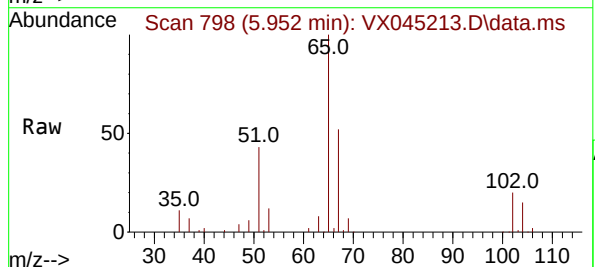
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBL01

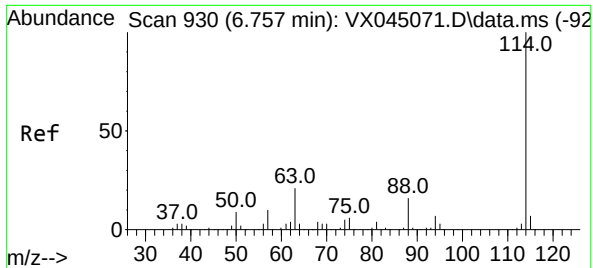
Tgt Ion:168 Resp: 69956
Ion Ratio Lower Upper
168 100
99 65.0 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 53.343 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045213.D
Acq: 11 Mar 2025 10:51

Tgt Ion: 65 Resp: 59358
Ion Ratio Lower Upper
65 100
67 51.3 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX045213.D

Acq: 11 Mar 2025 10:51

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBL01

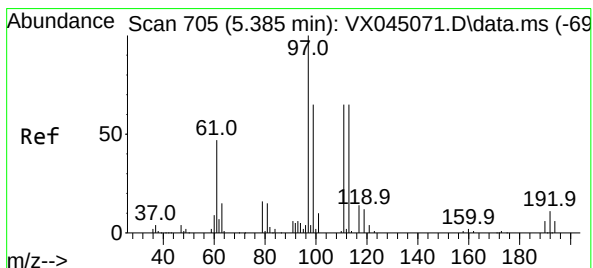
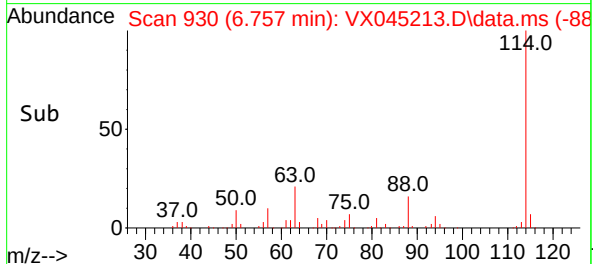
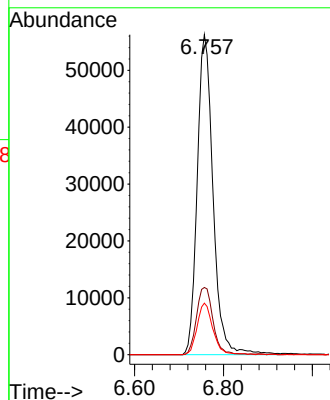
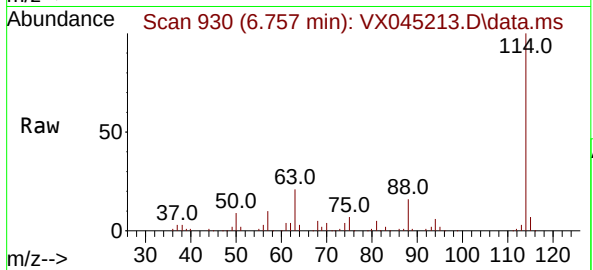
Tgt Ion:114 Resp: 139206

Ion Ratio Lower Upper

114 100

63 21.0 0.0 41.8

88 16.1 0.0 32.8



#35

Dibromofluoromethane

Concen: 50.653 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX045213.D

Acq: 11 Mar 2025 10:51

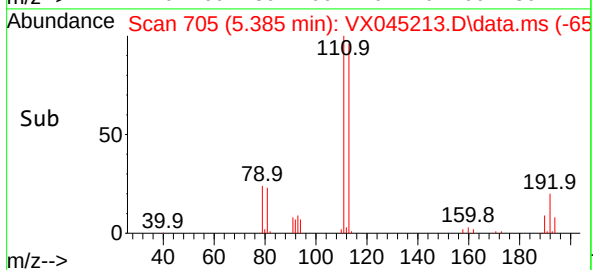
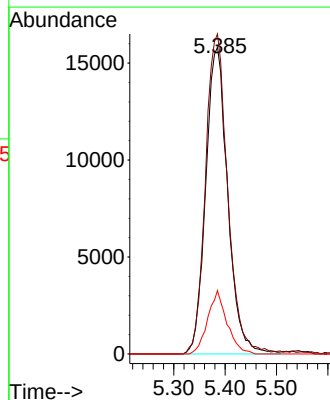
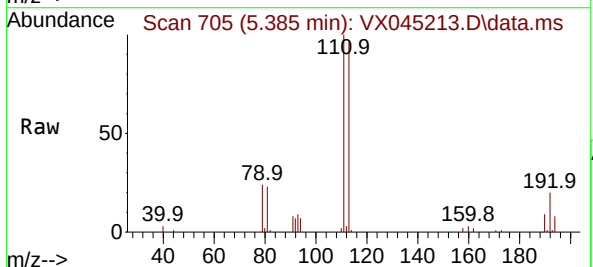
Tgt Ion:113 Resp: 47150

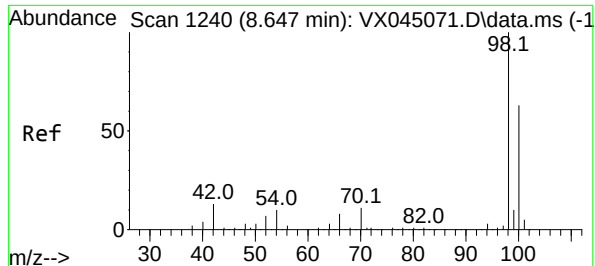
Ion Ratio Lower Upper

113 100

111 104.8 81.8 122.6

192 18.1 14.3 21.5





#50

Toluene-d8

Concen: 50.647 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX045213.D

Acq: 11 Mar 2025 10:51

Instrument :

MSVOA_X

ClientSampleId :

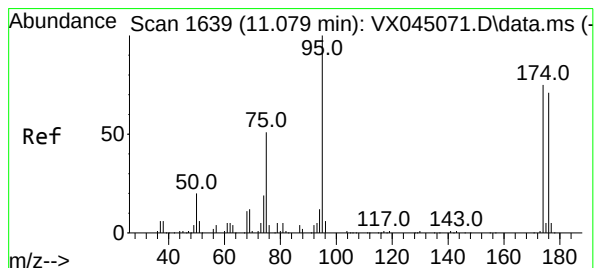
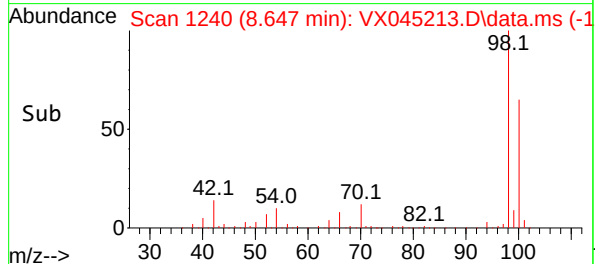
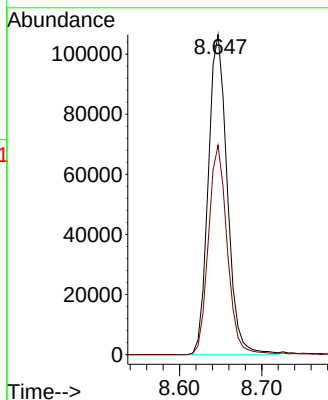
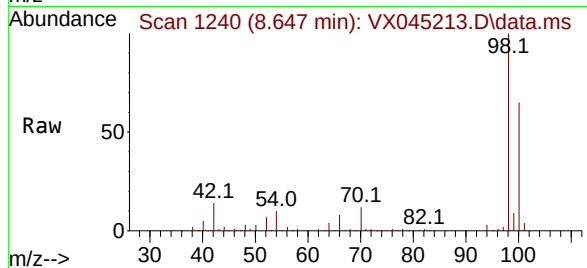
VX0311WBL01

Tgt Ion: 98 Resp: 170914

Ion Ratio Lower Upper

98 100

100 65.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 51.435 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX045213.D

Acq: 11 Mar 2025 10:51

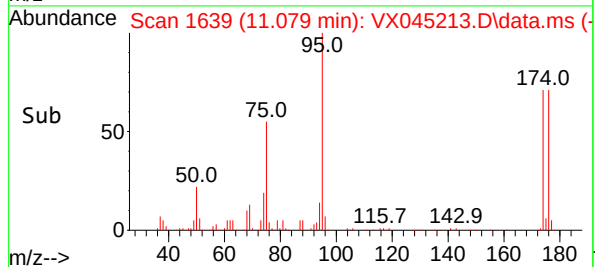
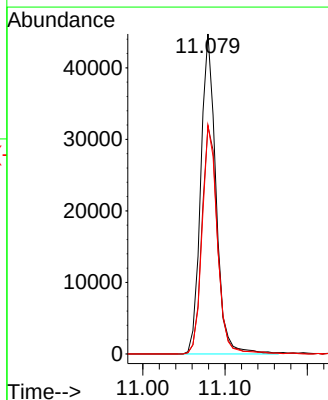
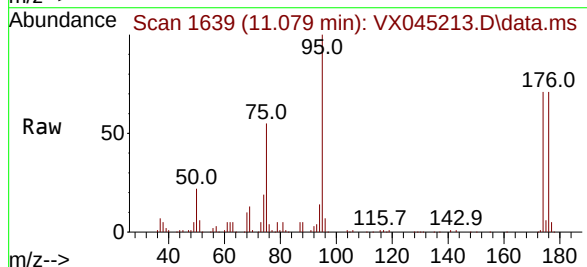
Tgt Ion: 95 Resp: 57517

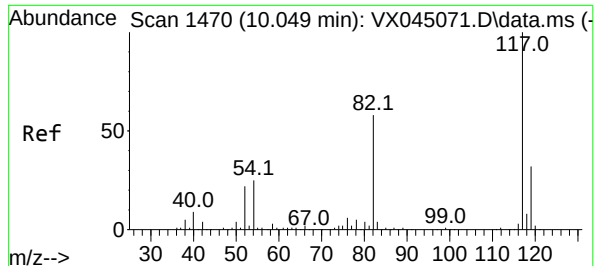
Ion Ratio Lower Upper

95 100

174 73.1 0.0 148.2

176 71.2 0.0 141.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX045213.D

Acq: 11 Mar 2025 10:51

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBL01

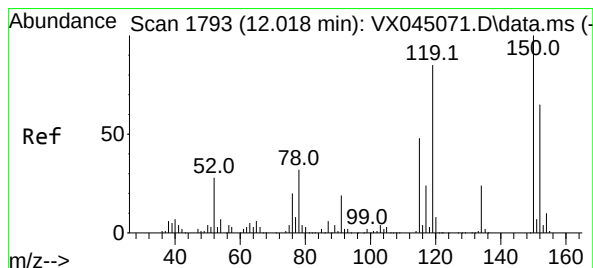
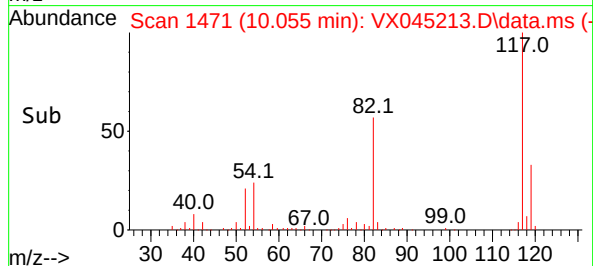
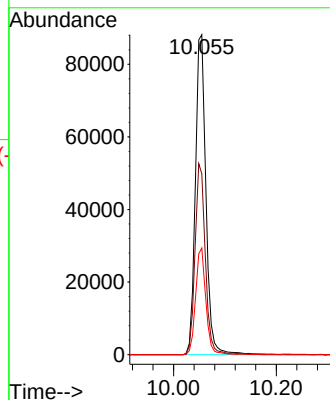
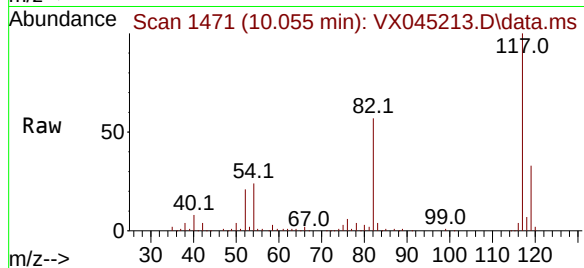
Tgt Ion:117 Resp: 126312

Ion Ratio Lower Upper

117 100

82 56.6 46.3 69.5

119 33.4 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX045213.D

Acq: 11 Mar 2025 10:51

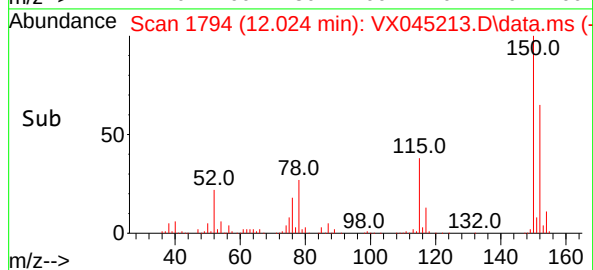
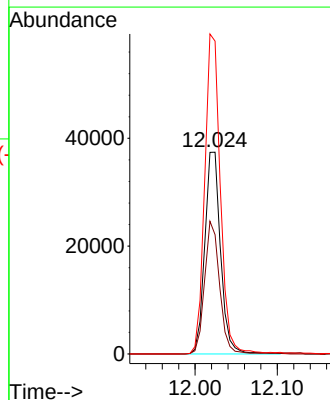
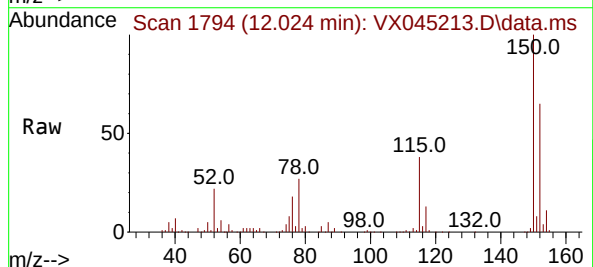
Tgt Ion:152 Resp: 50068

Ion Ratio Lower Upper

152 100

115 62.2 44.2 132.6

150 156.6 0.0 349.0



Report of Analysis

Client:	G Environmental		Date Collected:	
Project:	DPW		Date Received:	
Client Sample ID:	VX0311WBS01		SDG No.:	Q1525
Lab Sample ID:	VX0311WBS01		Matrix:	Water
Analytical Method:	SW8260		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045214.D	1		03/11/25 11:14	VX031125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
74-87-3	Chloromethane	18.8		0.35	1.00	ug/L
75-01-4	Vinyl Chloride	17.5		0.34	1.00	ug/L
74-83-9	Bromomethane	18.9		1.40	5.00	ug/L
75-00-3	Chloroethane	21.4		0.56	1.00	ug/L
75-65-0	Tert butyl alcohol	83.4		5.60	25.0	ug/L
75-35-4	1,1-Dichloroethene	18.8		0.26	1.00	ug/L
67-64-1	Acetone	97.2		1.40	5.00	ug/L
75-15-0	Carbon Disulfide	16.9		0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.5		0.16	1.00	ug/L
75-09-2	Methylene Chloride	18.6		0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.4		0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.6		0.23	1.00	ug/L
78-93-3	2-Butanone	100		1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.7		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.2		0.25	1.00	ug/L
67-66-3	Chloroform	19.9		0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.0		0.19	1.00	ug/L
71-43-2	Benzene	19.4		0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.8		0.24	1.00	ug/L
79-01-6	Trichloroethene	18.9		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	18.9		0.19	1.00	ug/L
75-27-4	Bromodichloromethane	19.6		0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.75	5.00	ug/L
108-88-3	Toluene	20.0		0.18	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	20.0		0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.6		0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	19.5		0.21	1.00	ug/L
591-78-6	2-Hexanone	110		1.10	5.00	ug/L
124-48-1	Dibromochloromethane	19.5		0.18	1.00	ug/L
127-18-4	Tetrachloroethene	19.5		0.25	1.00	ug/L

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	DPW	Date Received:	
Client Sample ID:	VX0311WBS01	SDG No.:	Q1525
Lab Sample ID:	VX0311WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045214.D	1		03/11/25 11:14	VX031125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	19.7		0.13	1.00	ug/L
100-41-4	Ethyl Benzene	19.8		0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	40.1		0.31	2.00	ug/L
95-47-6	o-Xylene	19.4		0.14	1.00	ug/L
100-42-5	Styrene	20.3		0.16	1.00	ug/L
75-25-2	Bromoform	20.0		0.21	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.5		0.27	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.0		70 (74) - 130 (125)	104%	SPK: 50
1868-53-7	Dibromofluoromethane	51.8		70 (75) - 130 (124)	104%	SPK: 50
2037-26-5	Toluene-d8	51.2		70 (86) - 130 (113)	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.9		70 (77) - 130 (121)	106%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	94800	5.544			
540-36-3	1,4-Difluorobenzene	173000	6.757			
3114-55-4	Chlorobenzene-d5	152000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	71800	12.018			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
 Data File : VX045214.D
 Acq On : 11 Mar 2025 11:14
 Operator : JC/MD
 Sample : VX0311WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/12/2025
 Supervised By : Mahesh Dadoda 03/12/2025

Quant Time: Mar 12 01:43:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	94786	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	172566	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	151770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	71836	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	78434	52.022	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.040%			
35) Dibromofluoromethane	5.385	113	59827	51.847	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.700%			
50) Toluene-d8	8.647	98	214187	51.200	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.400%			
62) 4-Bromofluorobenzene	11.079	95	73373	52.930	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.860%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	23221	19.462	ug/l	93
3) Chloromethane	1.307	50	27497	18.832	ug/l	98
4) Vinyl Chloride	1.374	62	25371	17.516	ug/l	100
5) Bromomethane	1.593	94	10762	18.900	ug/l	99
6) Chloroethane	1.666	64	14288	21.385	ug/l	99
7) Trichlorofluoromethane	1.873	101	36662	19.119	ug/l	98
8) Diethyl Ether	2.130	74	13336	17.781	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.318	101	22963	20.844	ug/l	98
10) Methyl Iodide	2.440	142	26241	19.060	ug/l	98
11) Tert butyl alcohol	2.977	59	23827	83.432	ug/l	99
12) 1,1-Dichloroethene	2.306	96	21892	18.796	ug/l	96
13) Acrolein	2.233	56	27498	83.295	ug/l	98
14) Allyl chloride	2.654	41	42402	20.452	ug/l	97
15) Acrylonitrile	3.062	53	76815	100.359	ug/l	98
16) Acetone	2.379	43	68022	97.239	ug/l	100
17) Carbon Disulfide	2.501	76	52443	16.905	ug/l	99
18) Methyl Acetate	2.703	43	38406	22.822	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	76028	19.456	ug/l	97
20) Methylene Chloride	2.782	84	25706	18.551	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	22379	19.449	ug/l	96
22) Diisopropyl ether	3.763	45	82227	19.501	ug/l	92
23) Vinyl Acetate	3.721	43	347170	98.664	ug/l	100
24) 1,1-Dichloroethane	3.605	63	46401	19.636	ug/l	100
25) 2-Butanone	4.556	43	108494	103.036	ug/l	98
26) 2,2-Dichloropropane	4.471	77	31745	28.640	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	27319	19.233	ug/l	93
28) Bromochloromethane	4.891	49	23024	20.441	ug/l	98
29) Tetrahydrofuran	5.007	42	69813	98.728	ug/l	99
30) Chloroform	5.092	83	46678	19.880	ug/l	96
31) Cyclohexane	5.458	56	40348	19.670	ug/l	92
32) 1,1,1-Trichloroethane	5.373	97	37908	19.990	ug/l	98
36) 1,1-Dichloropropene	5.684	75	29907	18.899	ug/l	99
37) Ethyl Acetate	4.714	43	38853	19.054	ug/l	100
38) Carbon Tetrachloride	5.665	117	31723	19.746	ug/l	94
39) Methylcyclohexane	7.372	83	37800	19.935	ug/l	96
40) Benzene	6.031	78	96762	19.364	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
 Data File : VX045214.D
 Acq On : 11 Mar 2025 11:14
 Operator : JC/MD
 Sample : VX0311WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/12/2025
 Supervised By : Mahesh Dadoda 03/12/2025

Quant Time: Mar 12 01:43:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	22316	20.240	ug/l	96
42) 1,2-Dichloroethane	6.086	62	35693	19.836	ug/l	100
43) Isopropyl Acetate	6.342	43	60338	20.011	ug/l	98
44) Trichloroethene	7.123	130	22228	18.944	ug/l	100
45) 1,2-Dichloropropane	7.421	63	24329	18.936	ug/l	92
46) Dibromomethane	7.580	93	18282	20.132	ug/l	97
47) Bromodichloromethane	7.818	83	34860	19.571	ug/l	100
48) Methyl methacrylate	7.696	41	30110	19.905	ug/l	96
49) 1,4-Dioxane	7.665	88	12029	376.974	ug/l	92
51) 4-Methyl-2-Pentanone	8.573	43	214467	105.932	ug/l	99
52) Toluene	8.714	92	58726	20.030	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	29814	20.021	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	35732	20.578	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	23516	19.483	ug/l	98
56) Ethyl methacrylate	9.116	69	35989	19.616	ug/l	95
57) 1,3-Dichloropropane	9.305	76	42034	20.124	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	86098	96.201	ug/l	98
59) 2-Hexanone	9.427	43	159240	108.556	ug/l	100
60) Dibromochloromethane	9.518	129	24640	19.524	ug/l	99
61) 1,2-Dibromoethane	9.610	107	23673	19.647	ug/l	98
64) Tetrachloroethene	9.268	164	18990	19.537	ug/l	94
65) Chlorobenzene	10.079	112	63389	19.739	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.159	131	21025	19.659	ug/l	97
67) Ethyl Benzene	10.189	91	110625	19.770	ug/l	97
68) m/p-Xylenes	10.299	106	82080	40.069	ug/l	100
69) o-Xylene	10.640	106	40108	19.413	ug/l	99
70) Styrene	10.652	104	67728	20.260	ug/l	100
71) Bromoform	10.799	173	16153	20.029	ug/l #	96
73) Isopropylbenzene	10.963	105	107006	19.084	ug/l	99
74) N-amyl acetate	10.841	43	50165	19.067	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	40119	19.498	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	32153m	19.230	ug/l	
77) Bromobenzene	11.195	156	24515	18.531	ug/l	99
78) n-propylbenzene	11.305	91	121782	19.227	ug/l	99
79) 2-Chlorotoluene	11.360	91	74331	18.427	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	87665	19.336	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	8908	18.233	ug/l	92
82) 4-Chlorotoluene	11.451	91	84393	19.196	ug/l	99
83) tert-Butylbenzene	11.713	119	87407	18.764	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	87408	19.161	ug/l	99
85) sec-Butylbenzene	11.890	105	109340	19.595	ug/l	100
86) p-Isopropyltoluene	12.006	119	89213	19.784	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	45456	19.261	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	44731	18.734	ug/l	99
89) n-Butylbenzene	12.329	91	77043	19.837	ug/l	99
90) Hexachloroethane	12.536	117	14295	17.526	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	45966	19.416	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7663	19.117	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	25441	18.873	ug/l	99
94) Hexachlorobutadiene	13.725	225	11095	20.075	ug/l	96
95) Naphthalene	13.774	128	97611	18.846	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	26572	18.685	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
Data File : VX045214.D
Acq On : 11 Mar 2025 11:14
Operator : JC/MD
Sample : VX0311WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

Quant Time: Mar 12 01:43:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

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

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

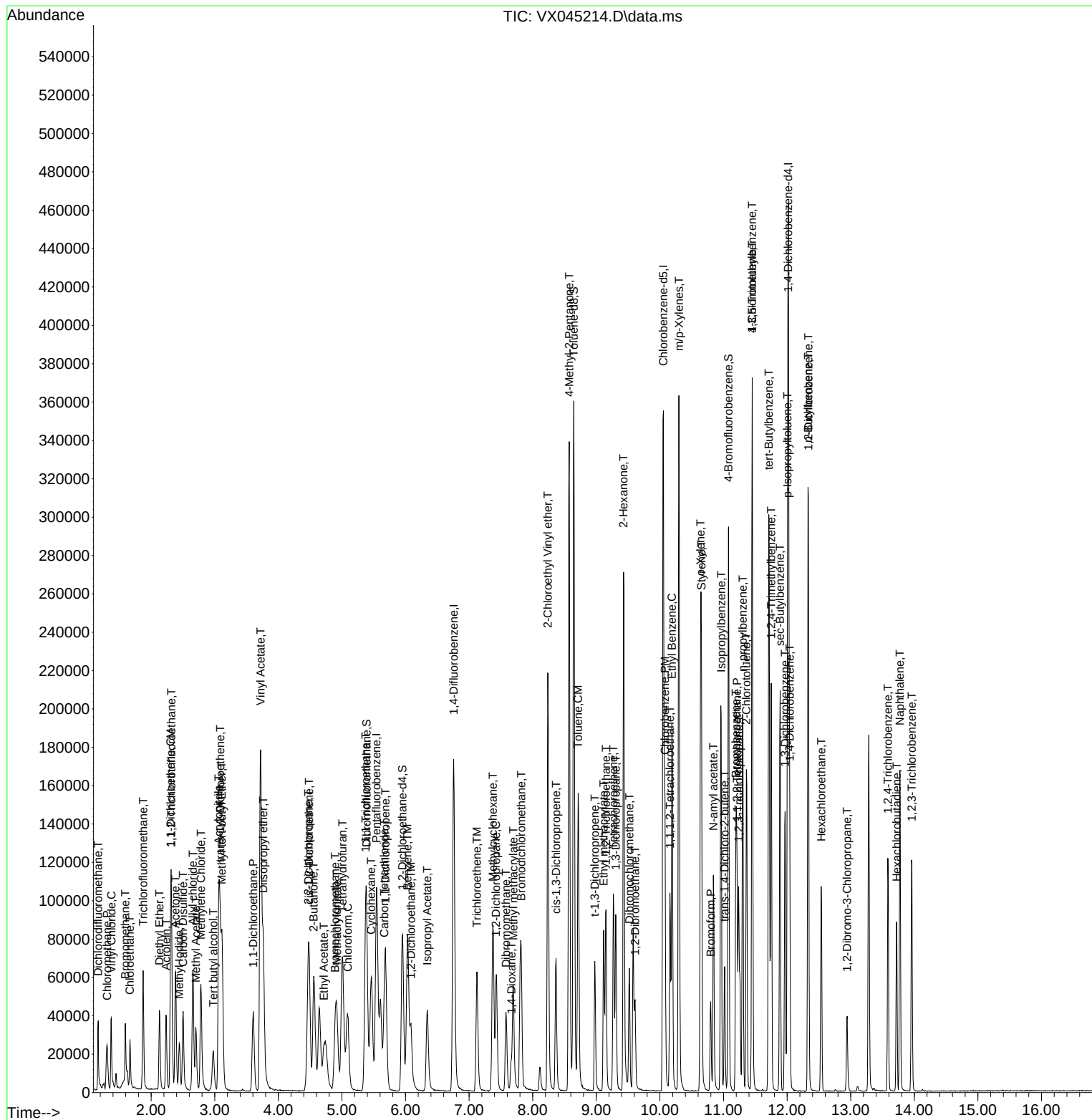
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 Operator : JC/MD
 Sample : VX0311WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

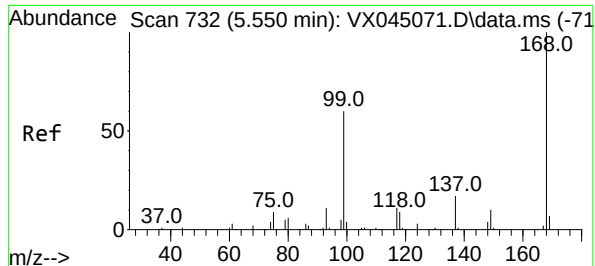
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBS01

Quant Time: Mar 12 01:43:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

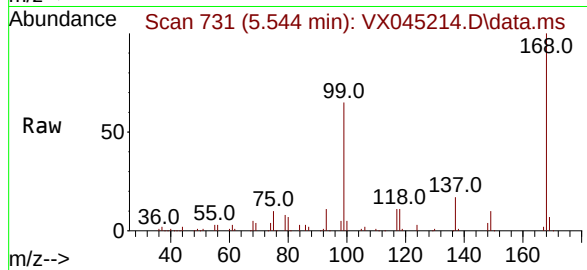
Reviewed By : John Carlone 03/12/2025
 Supervised By : Mahesh Dadoda 03/12/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

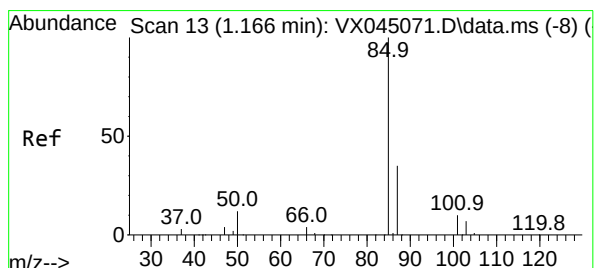
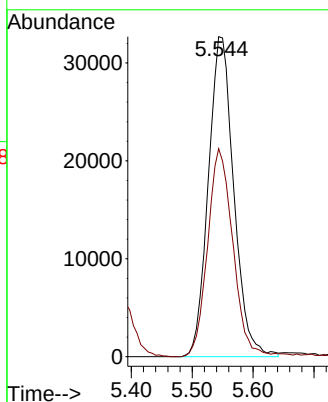
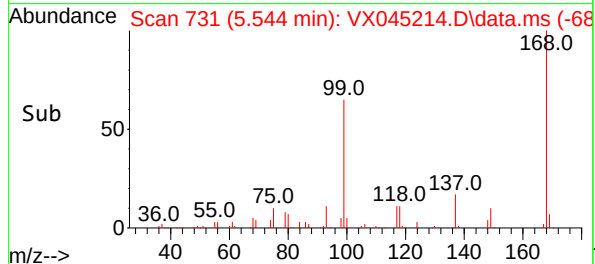
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01



Tgt Ion:168 Resp: 94780
Ion Ratio Lower Upper
168 100
99 65.0 48.2 72.4

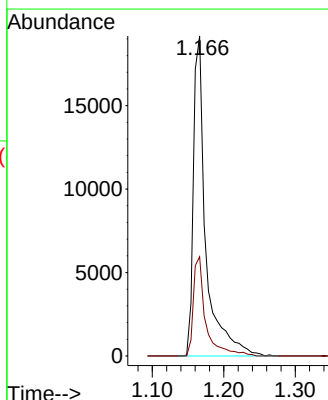
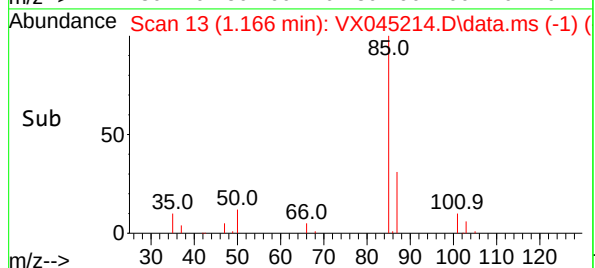
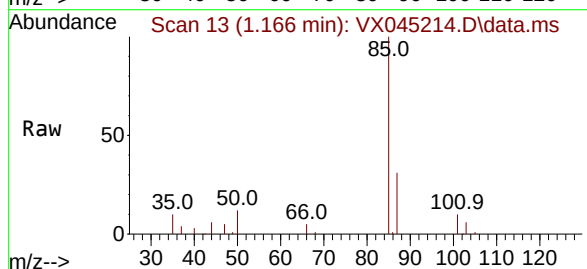
Manual Integrations
APPROVED

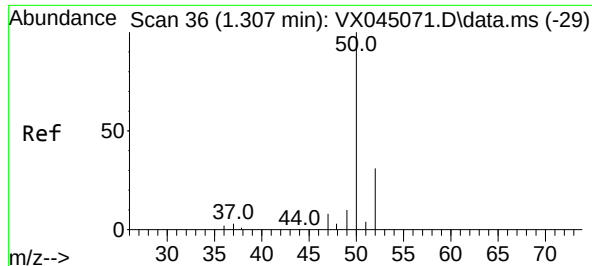
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#2
Dichlorodifluoromethane
Concen: 19.462 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

Tgt Ion: 85 Resp: 23221
Ion Ratio Lower Upper
85 100
87 31.0 17.4 52.3





#3

Chloromethane

Concen: 18.832 ug/l

RT: 1.307 min Scan# 30

Delta R.T. -0.000 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

Tgt Ion: 50 Resp: 2749

Ion Ratio Lower Upper

50 100

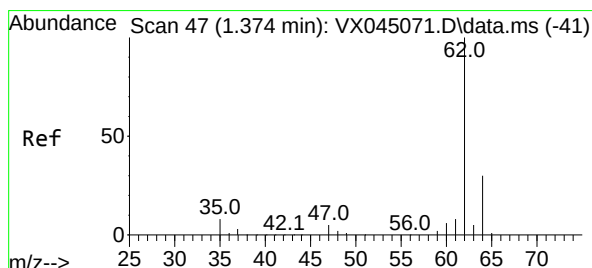
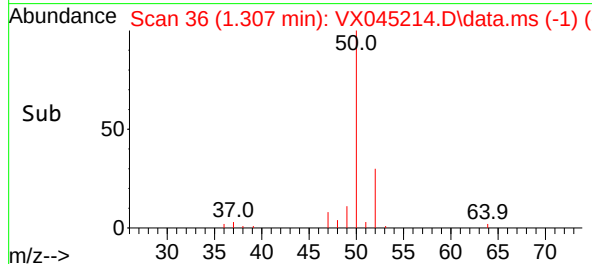
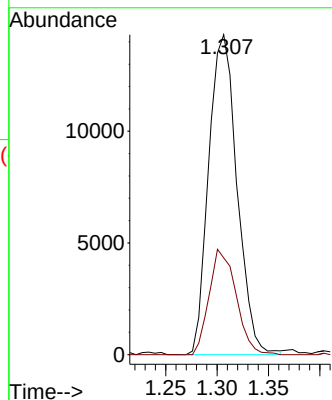
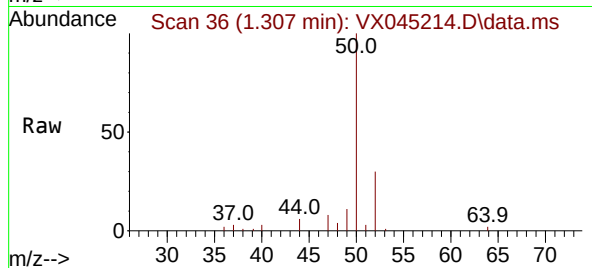
52 30.2 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#4

Vinyl Chloride

Concen: 17.516 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX045214.D

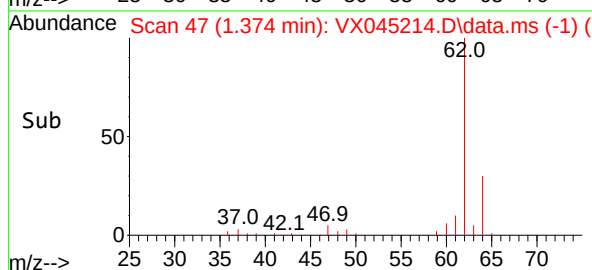
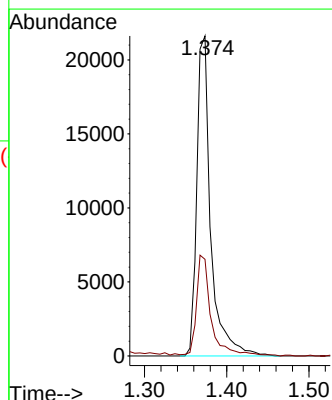
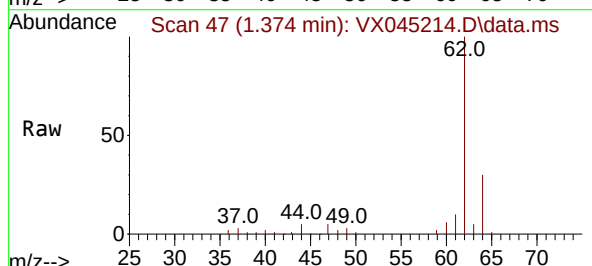
Acq: 11 Mar 2025 11:14

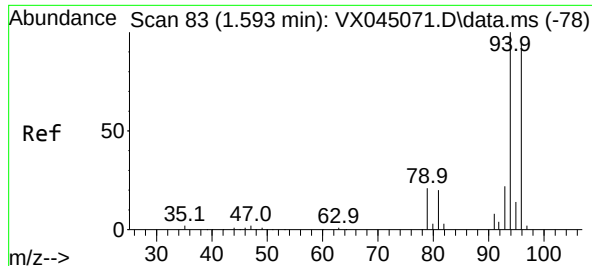
Tgt Ion: 62 Resp: 25371

Ion Ratio Lower Upper

62 100

64 30.2 24.3 36.5





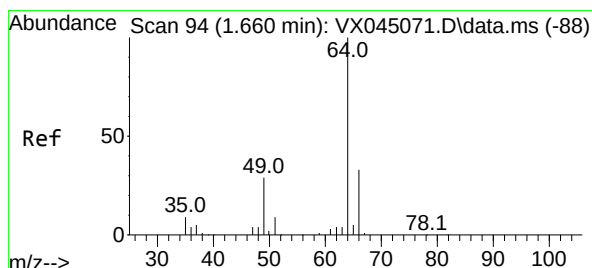
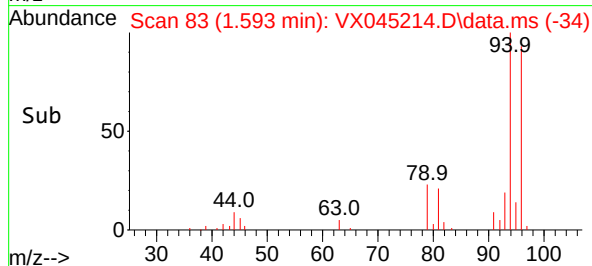
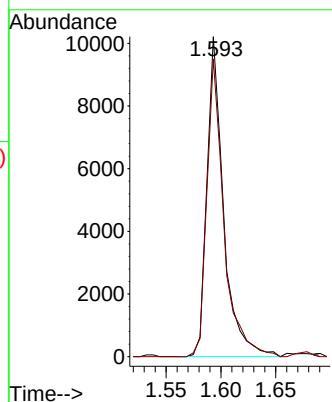
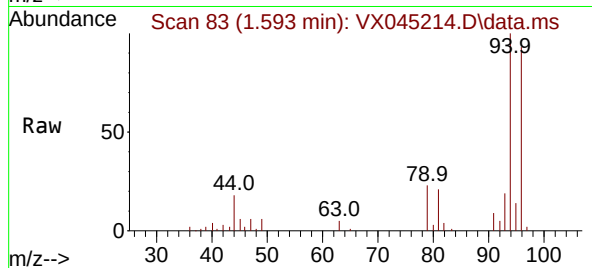
#5
Bromomethane
Concen: 18.900 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Tgt Ion: 94 Resp: 10762
Ion Ratio Lower Upper
94 100
96 93.1 75.0 112.4

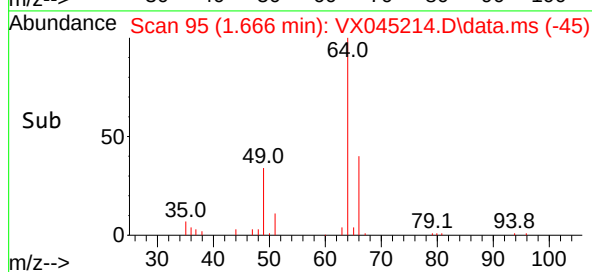
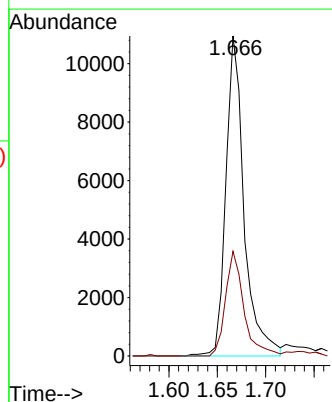
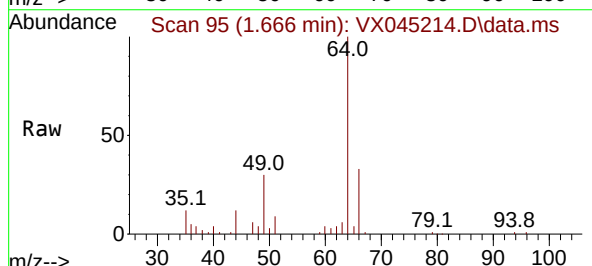
Manual Integrations
APPROVED

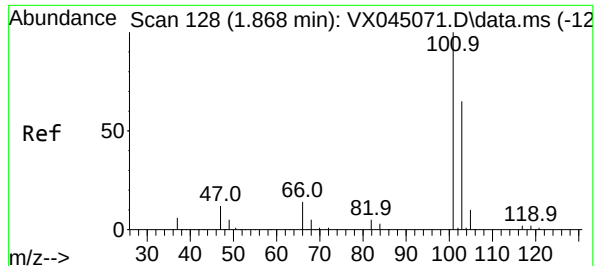
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#6
Chloroethane
Concen: 21.385 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

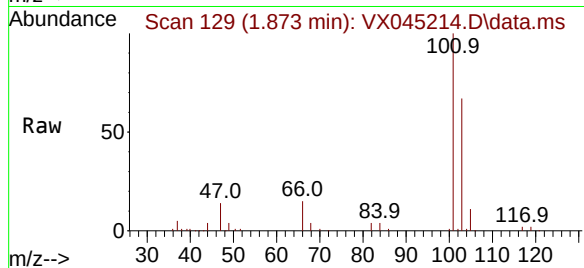
Tgt Ion: 64 Resp: 14288
Ion Ratio Lower Upper
64 100
66 32.7 26.7 40.1





#7
Trichlorofluoromethane
Concen: 19.119 ug/l
RT: 1.873 min Scan# 110
Delta R.T. 0.006 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

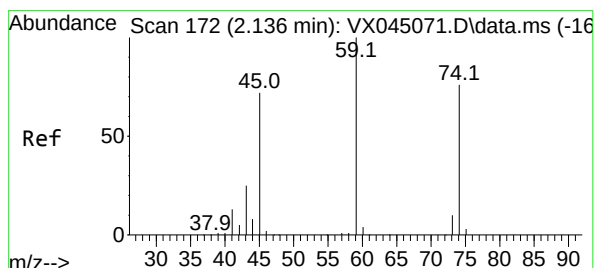
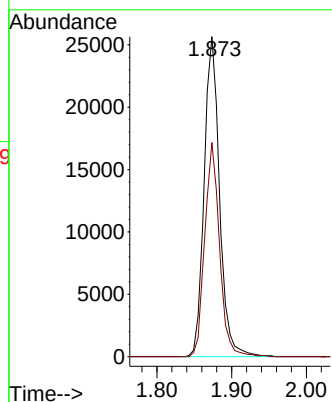
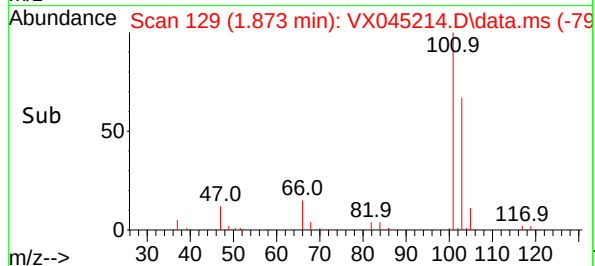
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01



Tgt Ion:101 Resp: 36662
Ion Ratio Lower Upper
101 100
103 66.9 52.1 78.1

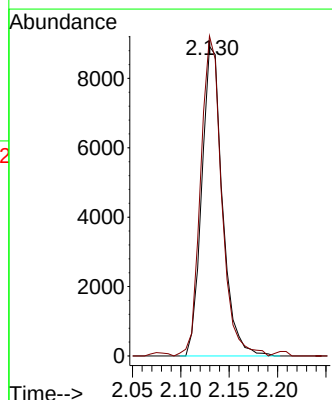
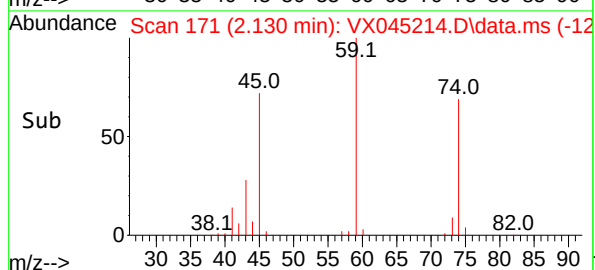
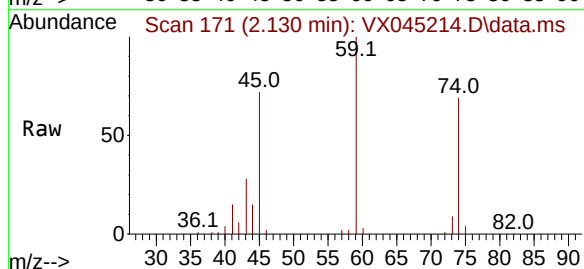
Manual Integrations
APPROVED

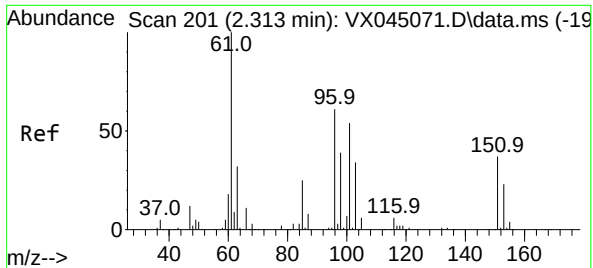
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#8
Diethyl Ether
Concen: 17.781 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

Tgt Ion: 74 Resp: 13336
Ion Ratio Lower Upper
74 100
45 104.8 51.5 154.5





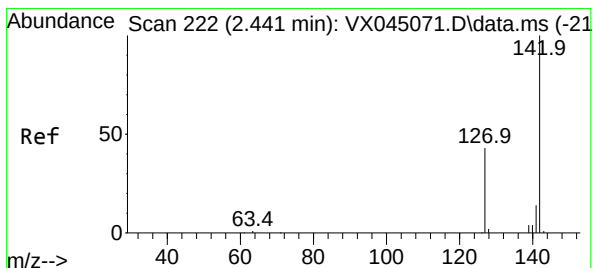
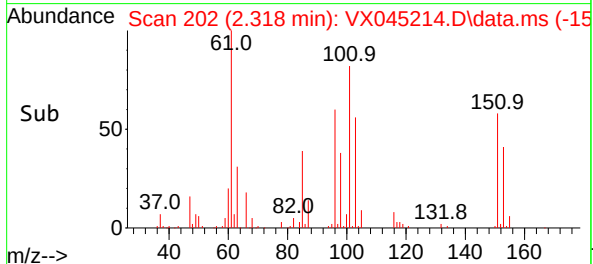
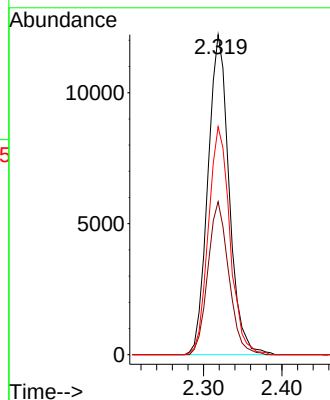
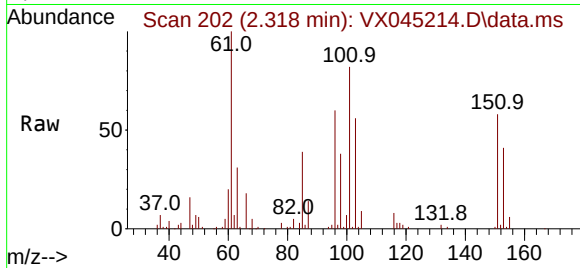
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.844 ug/l
RT: 2.318 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Tgt Ion:101 Resp: 2296
Ion Ratio Lower Upper
101 100
85 47.1 36.2 54.4
151 72.4 56.4 84.6

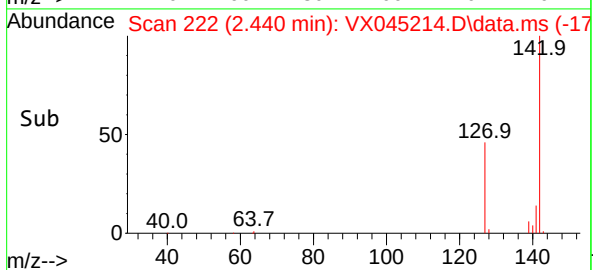
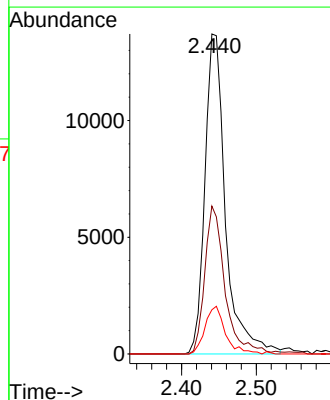
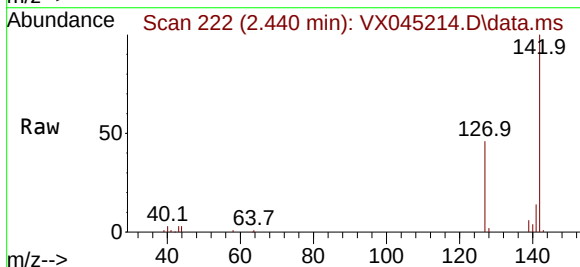
Manual Integrations
APPROVED

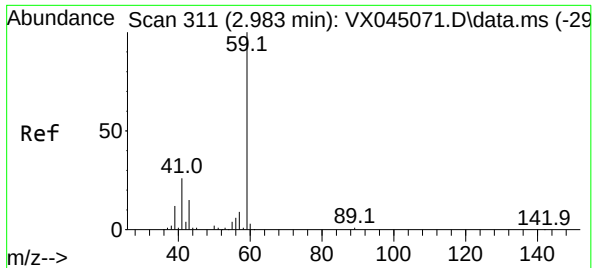
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#10
Methyl Iodide
Concen: 19.060 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

Tgt Ion:142 Resp: 26241
Ion Ratio Lower Upper
142 100
127 45.6 35.4 53.2
141 14.7 11.6 17.4





#11

Tert butyl alcohol

Concen: 83.432 ug/l

RT: 2.977 min Scan# 311

Delta R.T. -0.006 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

Tgt Ion: 59 Resp: 2382

Ion Ratio Lower Upper

59 100

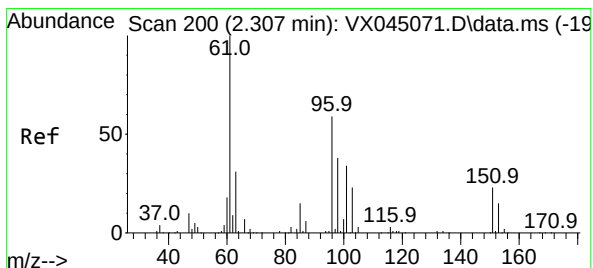
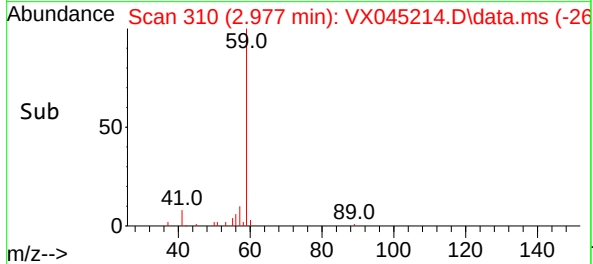
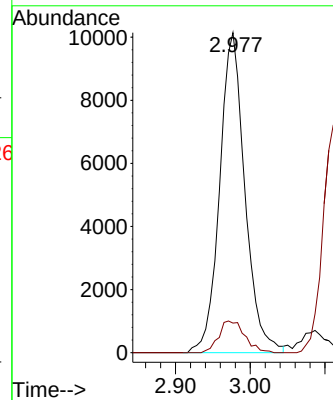
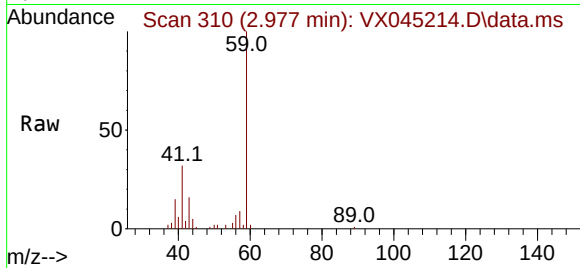
57 10.3 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#12

1,1-Dichloroethene

Concen: 18.796 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.000 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

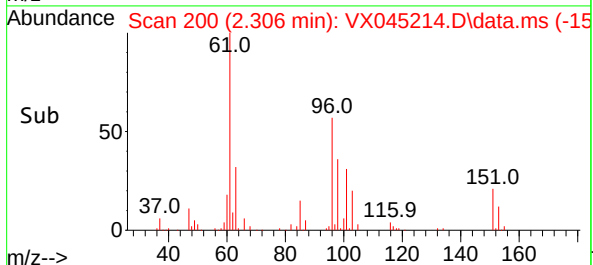
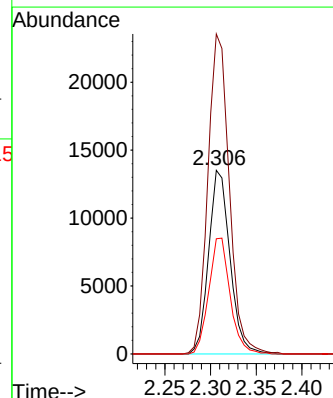
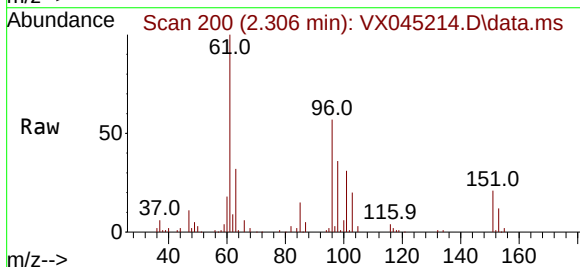
Tgt Ion: 96 Resp: 21892

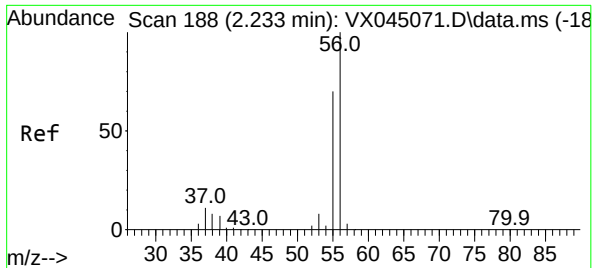
Ion Ratio Lower Upper

96 100

61 174.2 134.6 202.0

98 62.7 51.0 76.6





#13

Acrolein

Concen: 83.295 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.000 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

Tgt Ion: 56 Resp: 27498

Ion Ratio Lower Upper

56 100

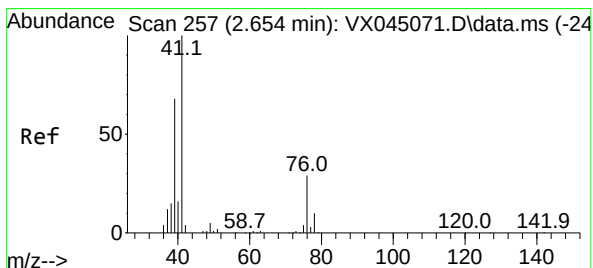
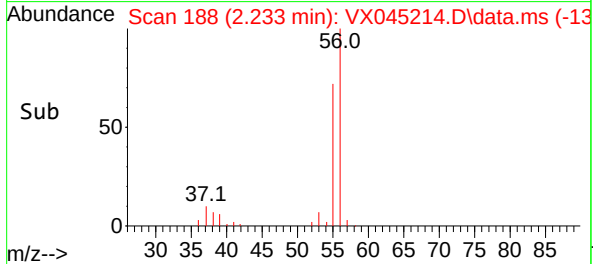
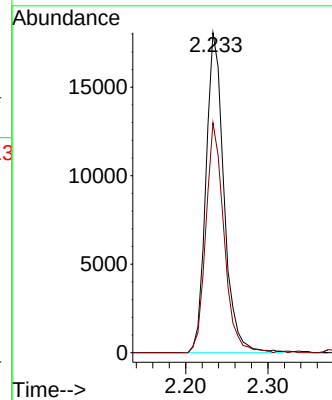
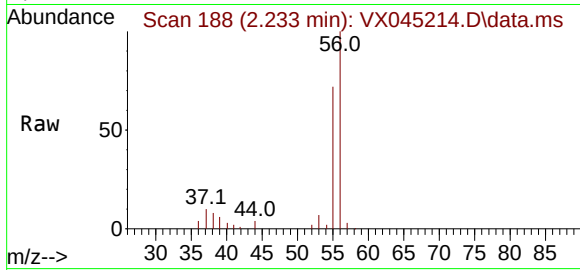
55 72.3 56.2 84.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#14

Allyl chloride

Concen: 20.452 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.000 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

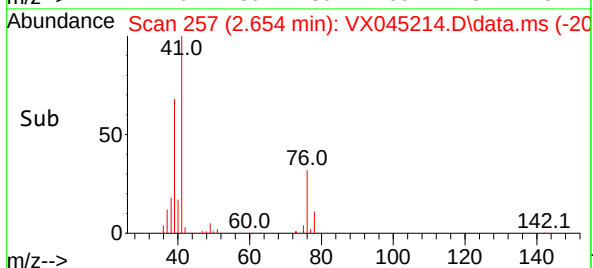
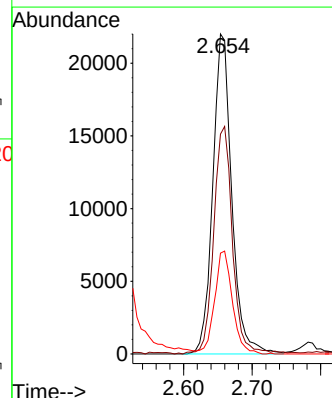
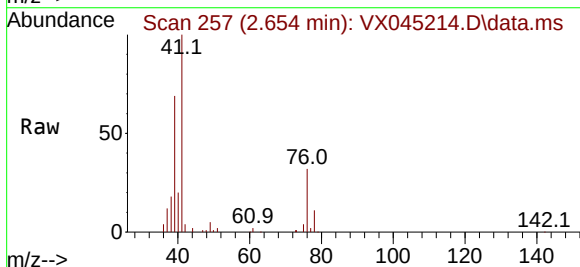
Tgt Ion: 41 Resp: 42402

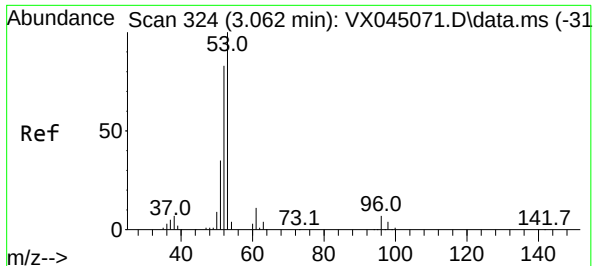
Ion Ratio Lower Upper

41 100

39 70.5 53.8 80.8

76 30.2 25.2 37.8





#15

Acrylonitrile

Concen: 100.359 ug/l

RT: 3.062 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

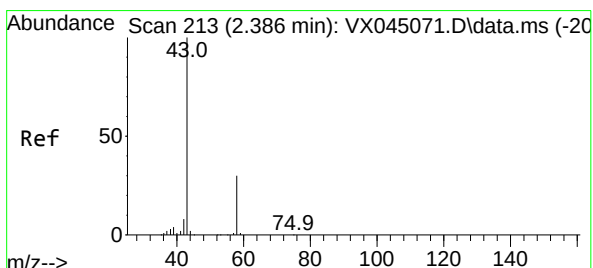
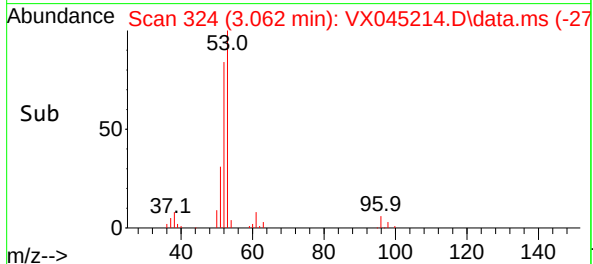
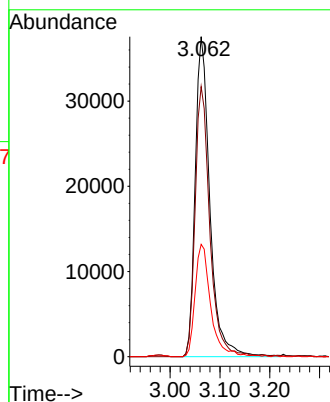
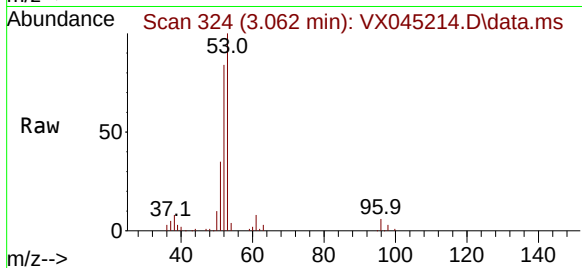
Tgt Ion: 53	Resp: 7681
Ion Ratio	Lower Upper
53 100	
52 84.1	66.2 99.2
51 37.1	29.0 43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#16

Acetone

Concen: 97.239 ug/l

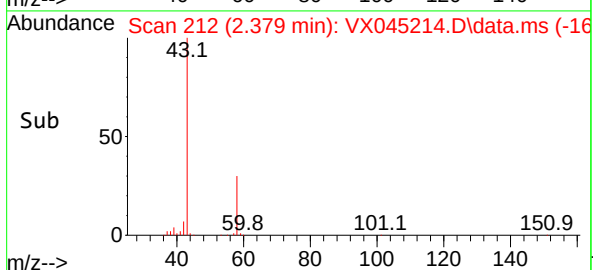
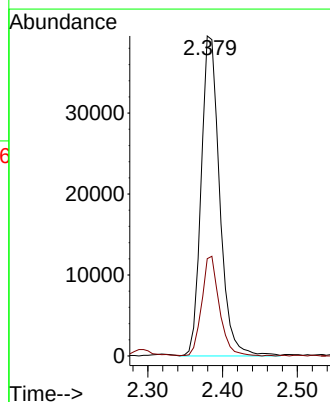
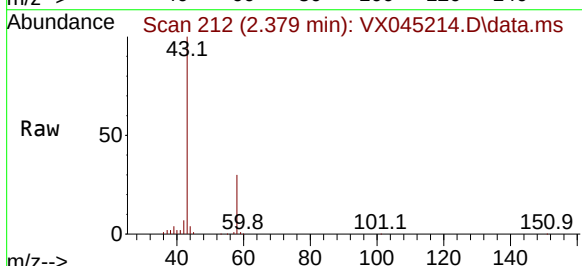
RT: 2.379 min Scan# 212

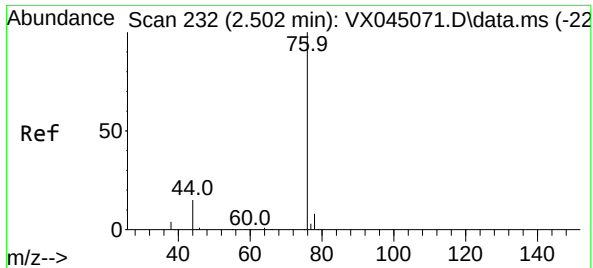
Delta R.T. -0.006 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

Tgt Ion: 43	Resp: 68022
Ion Ratio	Lower Upper
43 100	
58 30.3	24.2 36.4





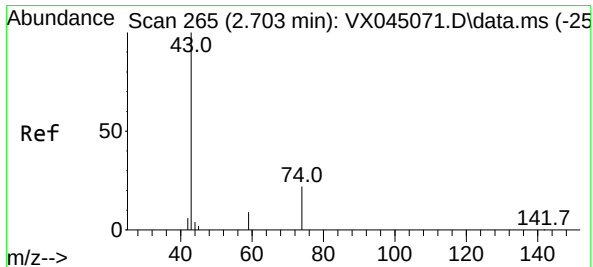
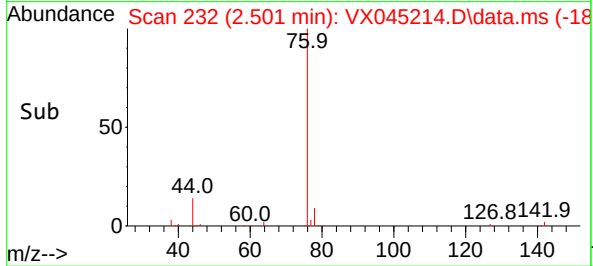
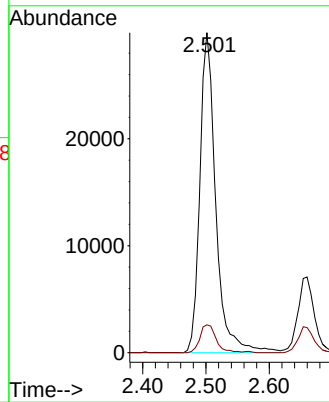
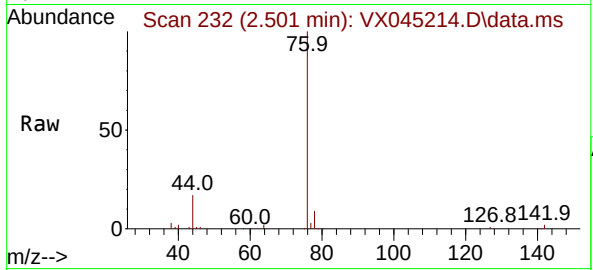
#17
Carbon Disulfide
Concen: 16.905 ug/l
RT: 2.501 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Tgt Ion: 76 Resp: 5244
Ion Ratio Lower Upper
76 100
78 8.7 6.6 9.8

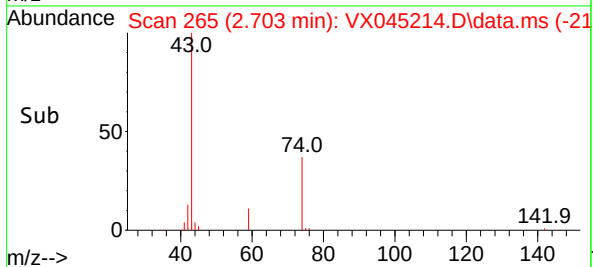
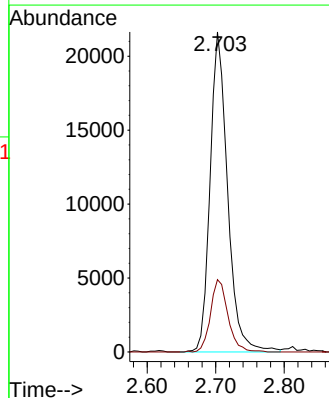
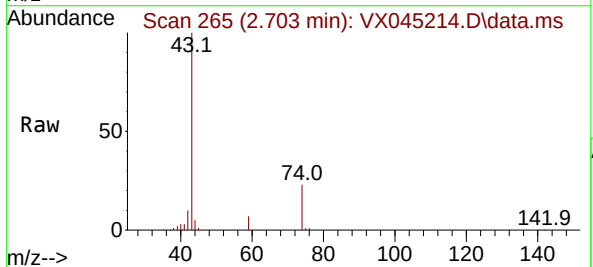
Manual Integrations
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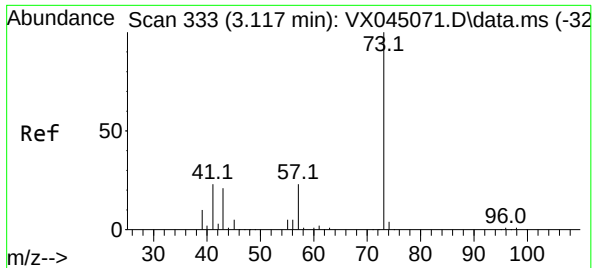
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#18
Methyl Acetate
Concen: 22.822 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

Tgt Ion: 43 Resp: 38406
Ion Ratio Lower Upper
43 100
74 22.6 17.4 26.2





#19

Methyl tert-butyl Ether

Concen: 19.456 ug/l

RT: 3.111 min Scan# 311

Delta R.T. -0.006 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

Tgt Ion: 73 Resp: 76028

Ion Ratio Lower Upper

73 100

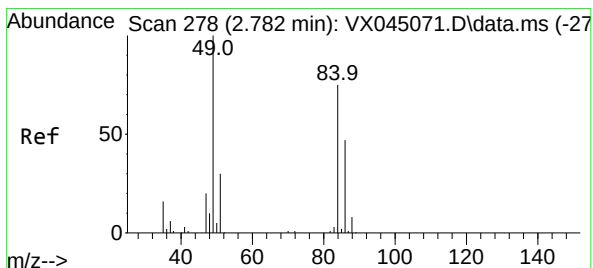
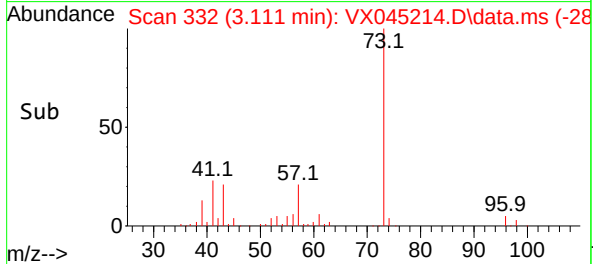
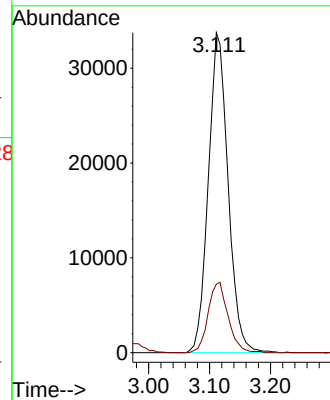
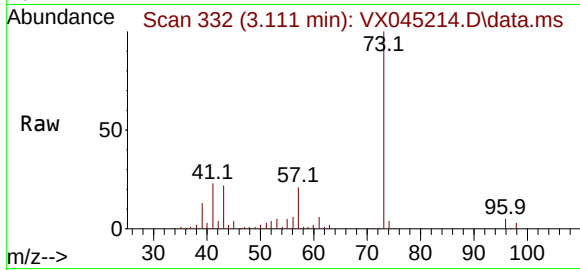
57 21.4 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#20

Methylene Chloride

Concen: 18.551 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

Tgt Ion: 84 Resp: 25706

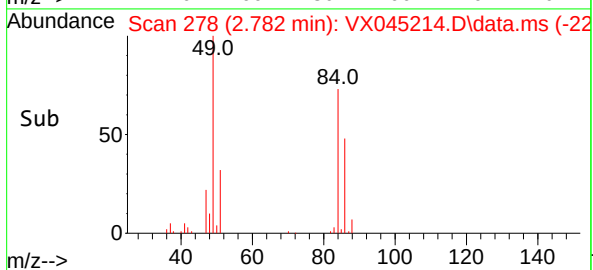
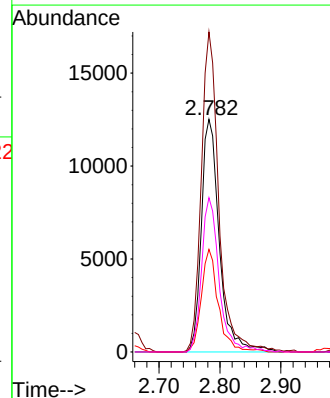
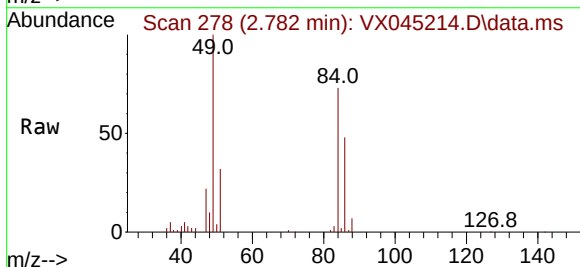
Ion Ratio Lower Upper

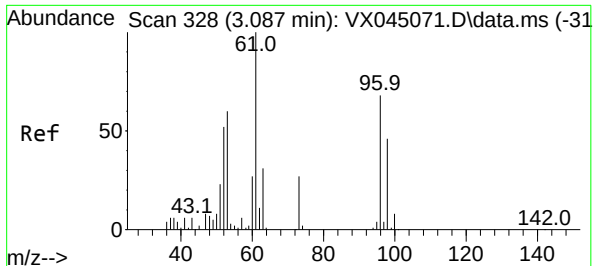
84 100

49 137.6 106.5 159.7

51 44.1 32.1 48.1

86 66.3 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 19.449 ug/l

RT: 3.087 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

Tgt Ion: 96 Resp: 22379

Ion Ratio Lower Upper

96 100

61 139.5 117.0 175.4

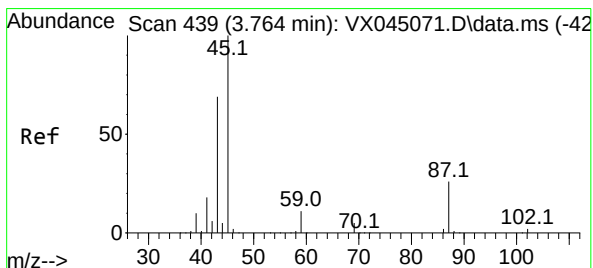
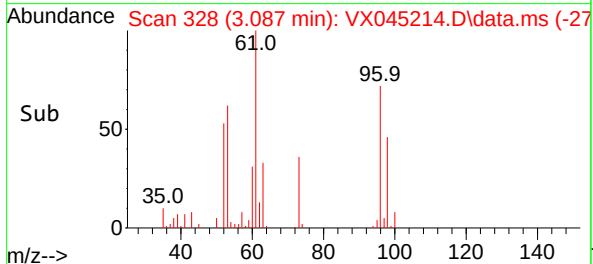
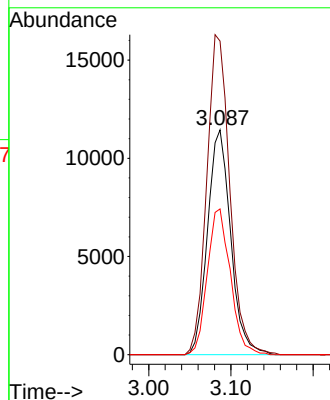
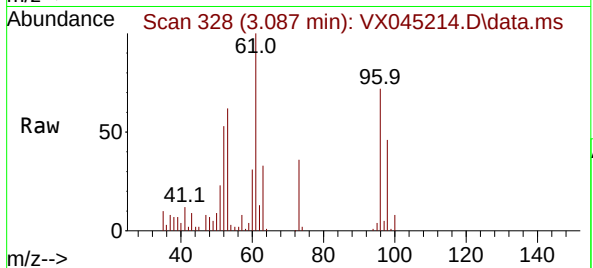
98 64.8 53.4 80.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#22

Diisopropyl ether

Concen: 19.501 ug/l

RT: 3.763 min Scan# 439

Delta R.T. -0.000 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

Tgt Ion: 45 Resp: 82227

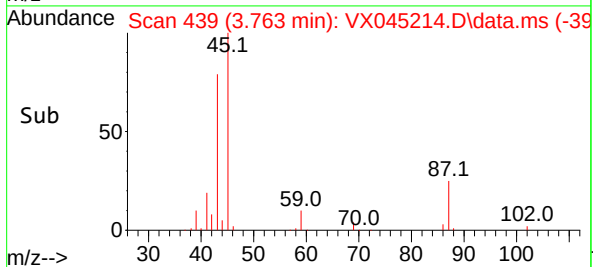
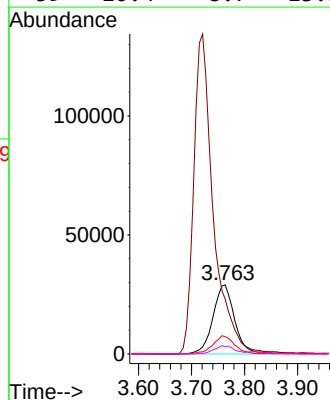
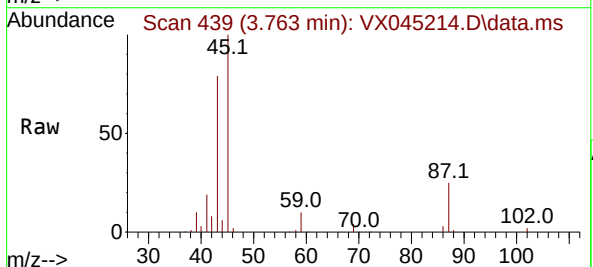
Ion Ratio Lower Upper

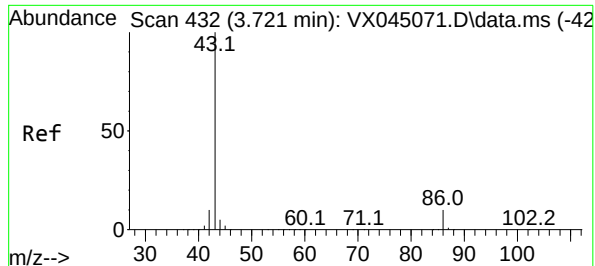
45 100

43 78.2 54.9 82.3

87 25.1 21.0 31.4

59 10.4 8.7 13.1





#23

Vinyl Acetate

Concen: 98.664 ug/l

RT: 3.721 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

Tgt Ion: 43 Resp: 347170

Ion Ratio Lower Upper

43

100

86

10.2

8.1

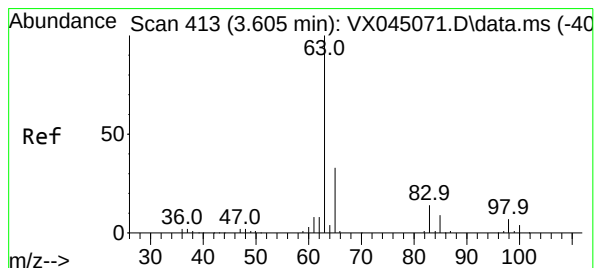
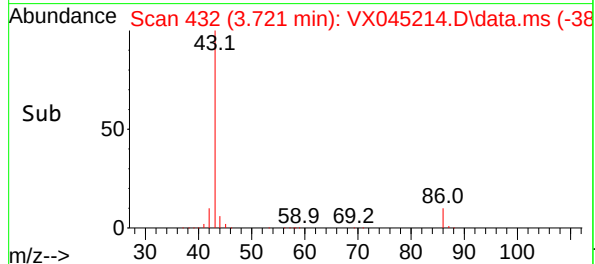
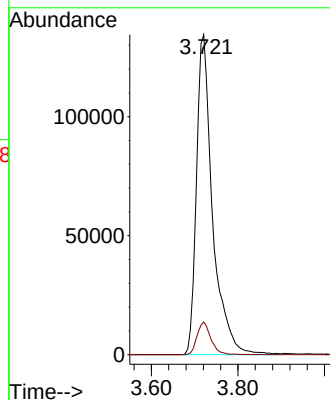
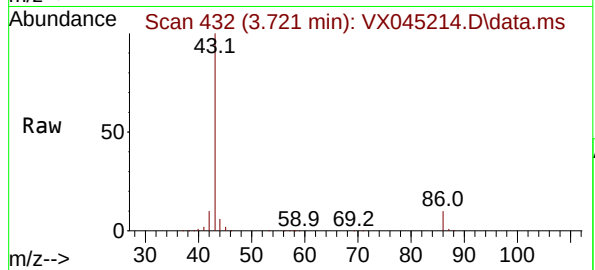
12.1

Manual Integrations

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Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#24

1,1-Dichloroethane

Concen: 19.636 ug/l

RT: 3.605 min Scan# 413

Delta R.T. -0.000 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

Tgt Ion: 63 Resp: 46401

Ion Ratio Lower Upper

63

100

98

6.9

3.4

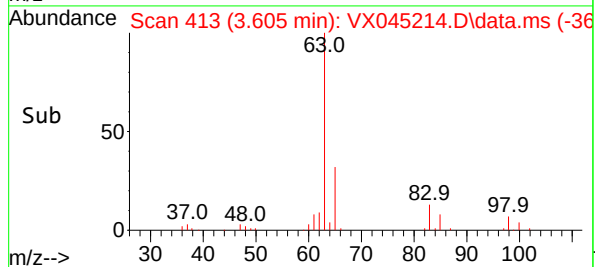
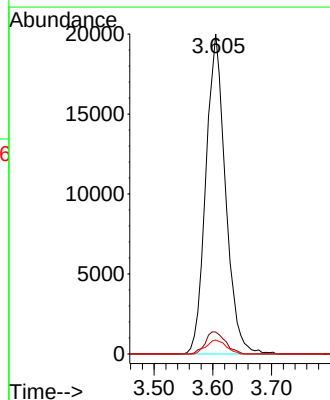
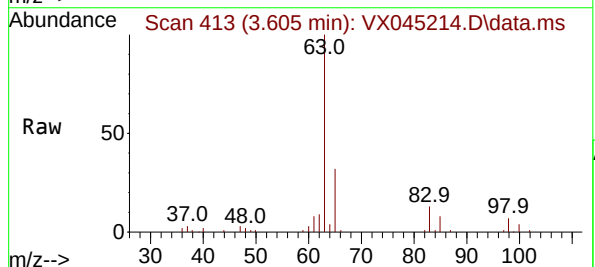
10.2

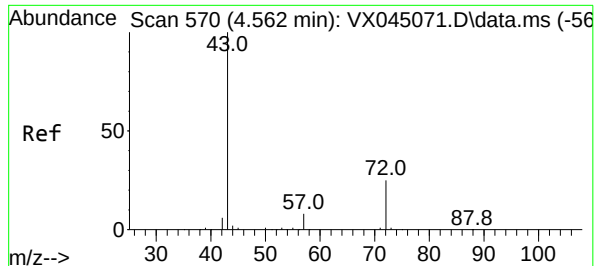
100

4.4

2.1

6.5





#25

2-Butanone

Concen: 103.036 ug/l

RT: 4.556 min Scan# 5

Delta R.T. -0.006 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

Tgt Ion: 43 Resp: 108494

Ion Ratio Lower Upper

43 100

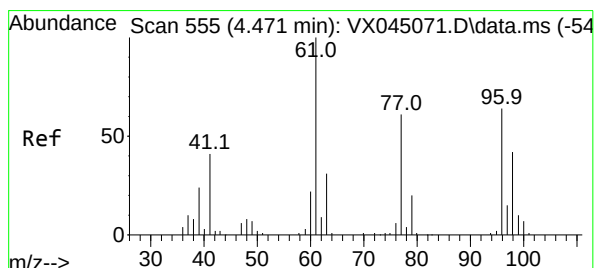
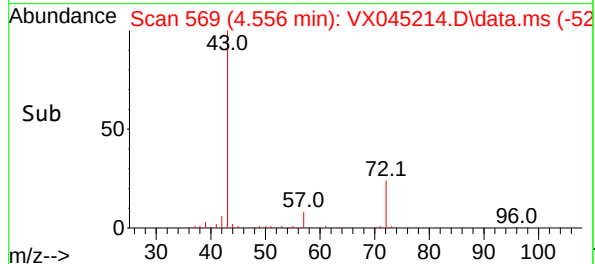
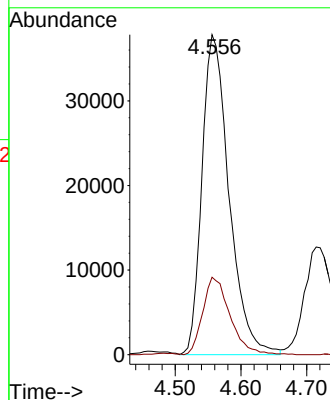
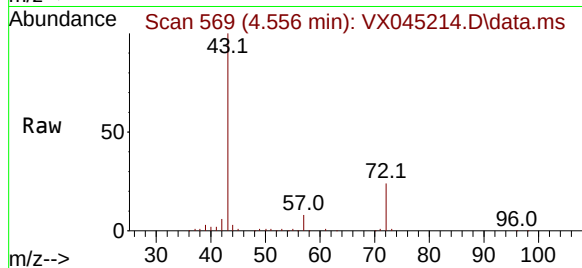
72 24.0 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#26

2,2-Dichloropropane

Concen: 28.640 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.000 min

Lab File: VX045214.D

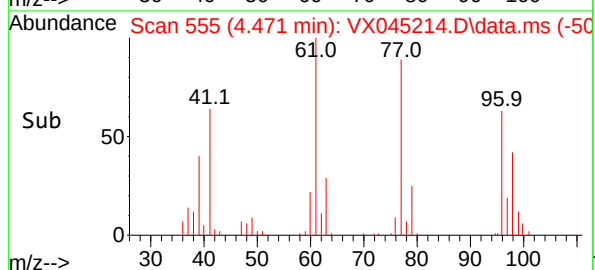
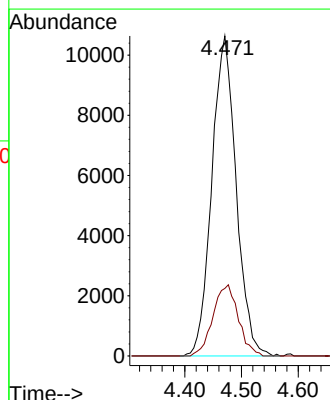
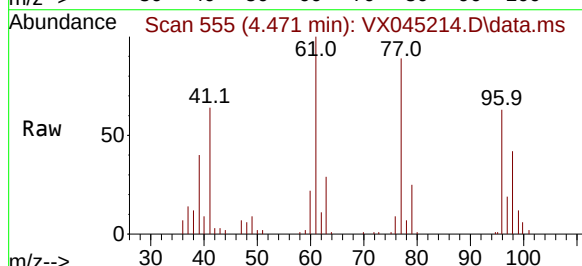
Acq: 11 Mar 2025 11:14

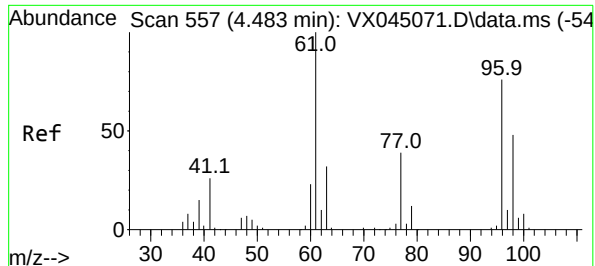
Tgt Ion: 77 Resp: 31745

Ion Ratio Lower Upper

77 100

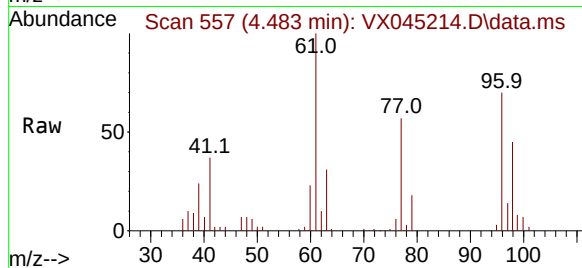
97 23.1 12.4 37.0





#27
 cis-1,2-Dichloroethene
 Concen: 19.233 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. -0.000 min
 Lab File: VX045214.D
 Acq: 11 Mar 2025 11:14

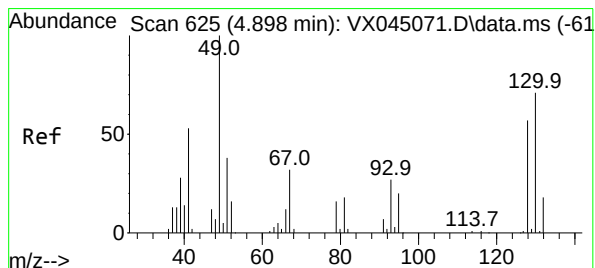
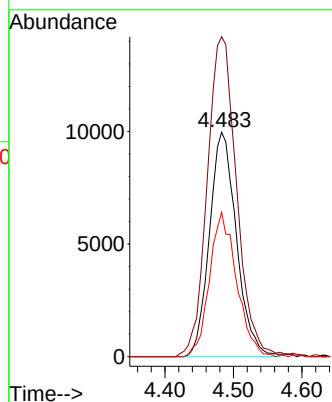
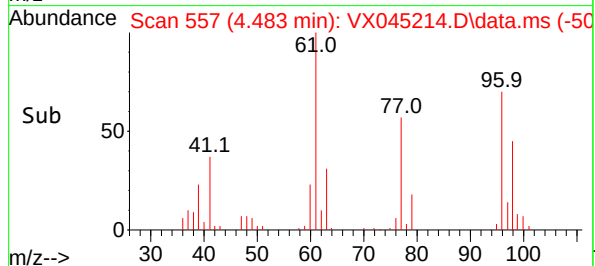
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBS01



Tgt Ion: 96 Resp: 27319
 Ion Ratio Lower Upper
 96 100
 61 154.7 0.0 283.2
 98 64.3 0.0 128.0

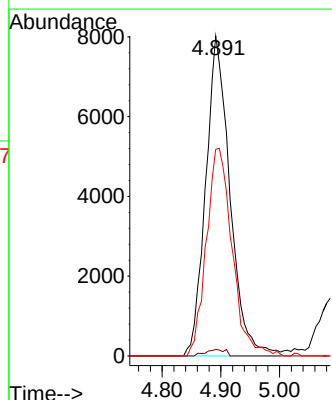
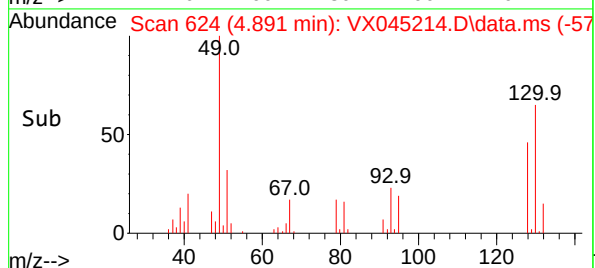
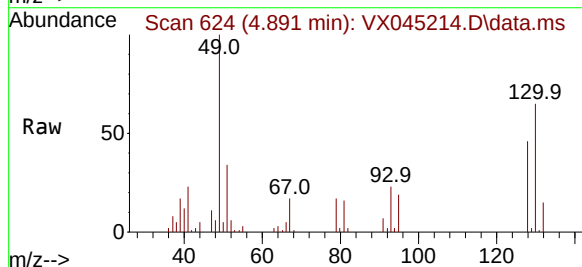
Manual Integrations
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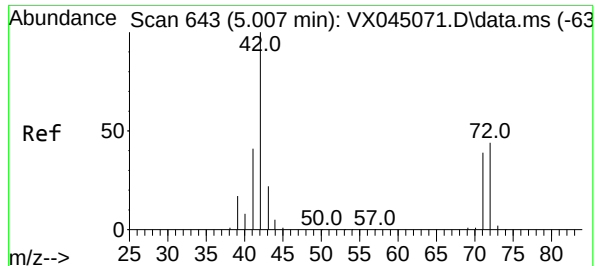
Reviewed By :John Carlone 03/12/2025
 Supervised By :Mahesh Dadoda 03/12/2025



#28
 Bromochloromethane
 Concen: 20.441 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX045214.D
 Acq: 11 Mar 2025 11:14

Tgt Ion: 49 Resp: 23024
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.4
 130 68.8 56.1 84.1





#29

Tetrahydrofuran

Concen: 98.728 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.000 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

Tgt Ion: 42 Resp: 6981

Ion Ratio Lower Upper

42 100

72 42.0 34.1 51.1

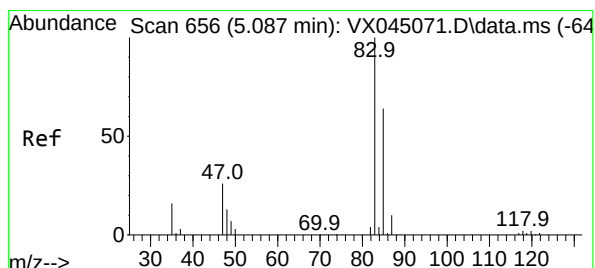
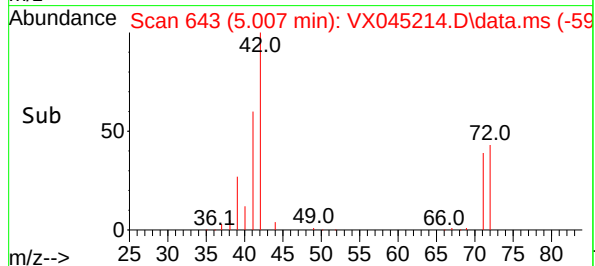
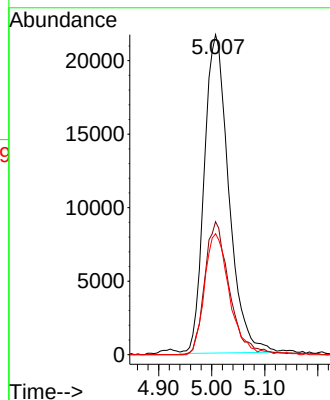
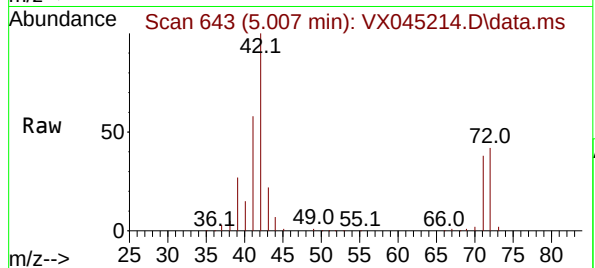
71 38.7 31.4 47.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#30

Chloroform

Concen: 19.880 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.006 min

Lab File: VX045214.D

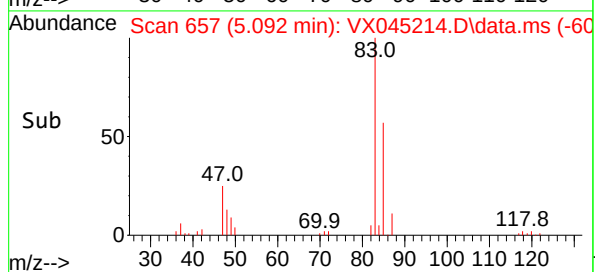
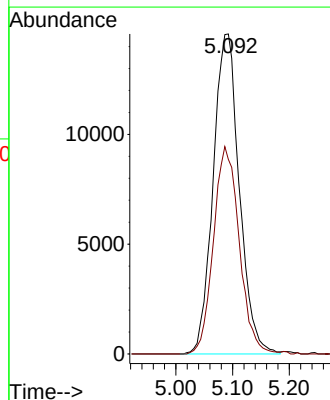
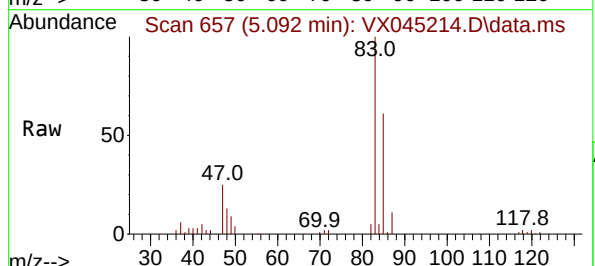
Acq: 11 Mar 2025 11:14

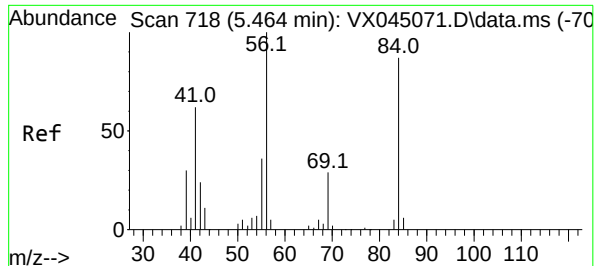
Tgt Ion: 83 Resp: 46678

Ion Ratio Lower Upper

83 100

85 60.8 51.4 77.2





#31

Cyclohexane

Concen: 19.670 ug/l

RT: 5.458 min Scan# 717

Delta R.T. -0.006 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

Tgt Ion: 56 Resp: 40348

Ion Ratio Lower Upper

56 100

69 31.5 23.4 35.2

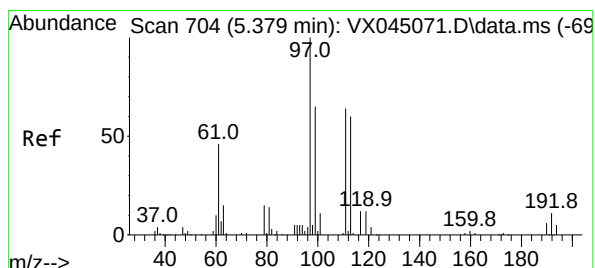
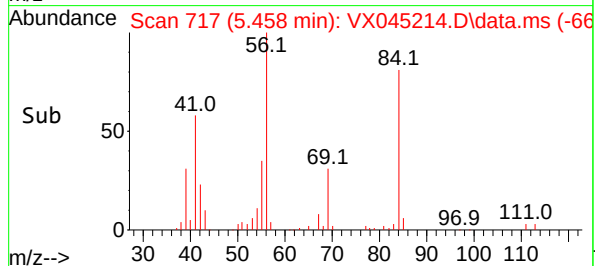
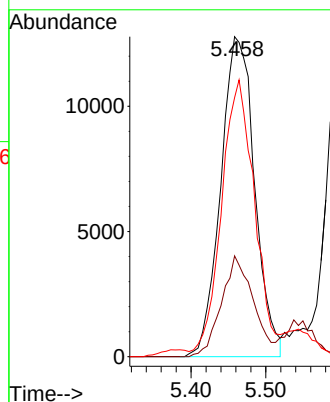
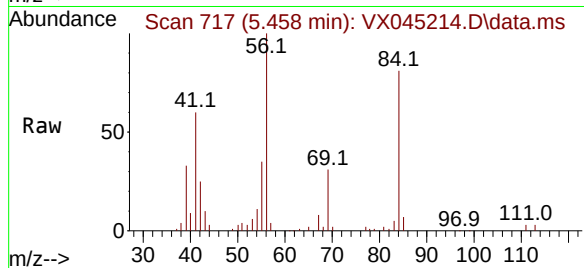
84 78.8 69.4 104.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#32

1,1,1-Trichloroethane

Concen: 19.990 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.006 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

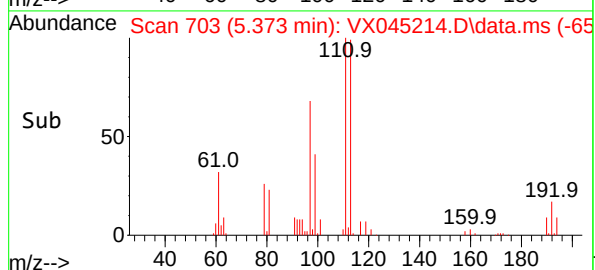
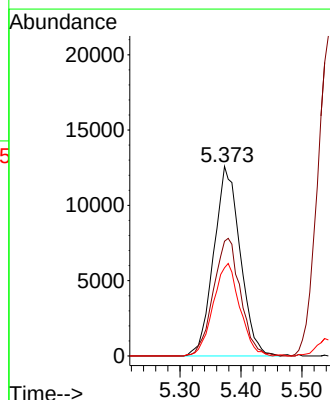
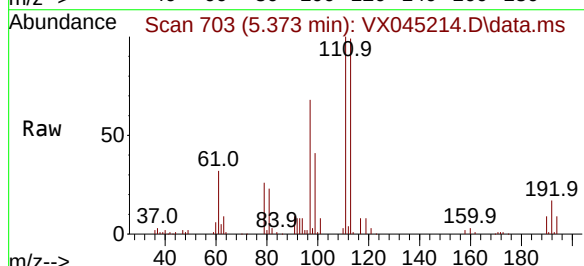
Tgt Ion: 97 Resp: 37908

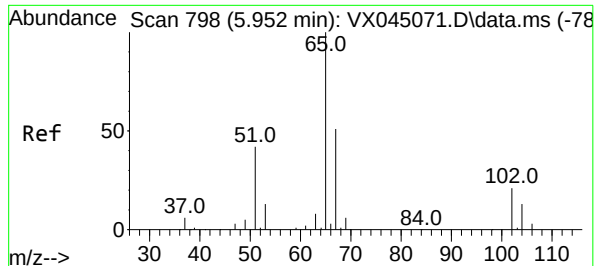
Ion Ratio Lower Upper

97 100

99 63.3 51.6 77.4

61 49.1 38.4 57.6





#33

1,2-Dichloroethane-d4

Concen: 52.022 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

Tgt Ion: 65 Resp: 78434

Ion Ratio Lower Upper

65 100

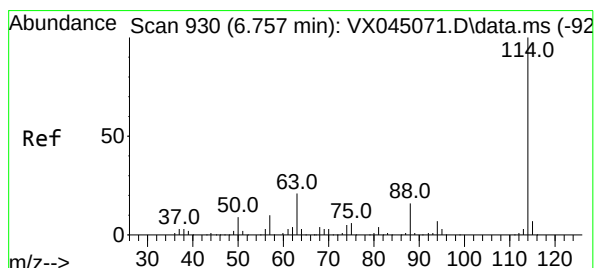
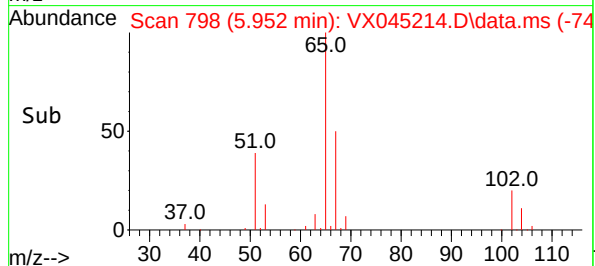
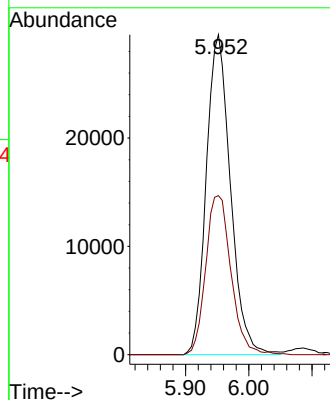
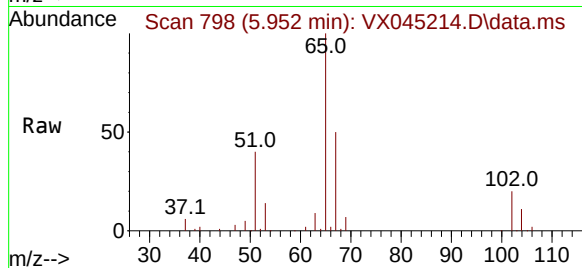
67 52.1 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

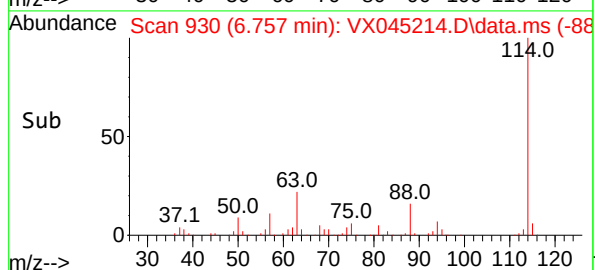
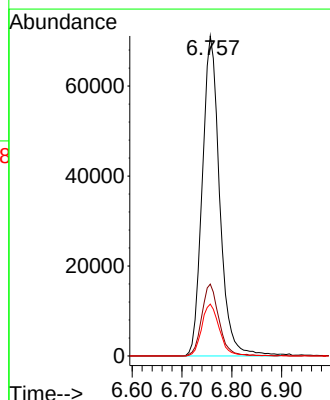
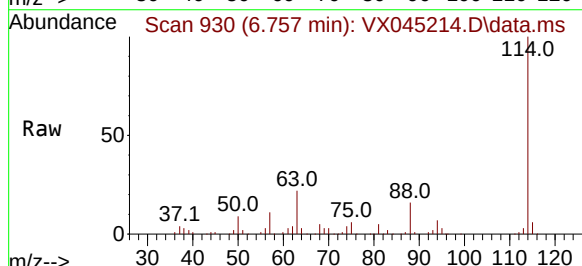
Tgt Ion:114 Resp: 172566

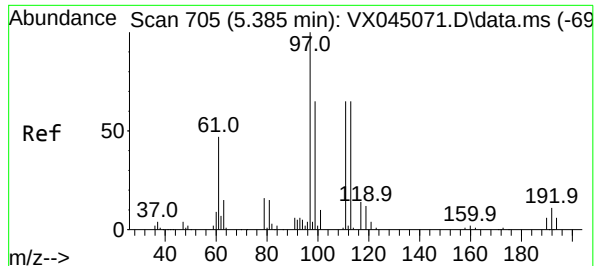
Ion Ratio Lower Upper

114 100

63 22.5 0.0 41.8

88 16.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.847 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

Tgt Ion:113 Resp: 5982

Ion Ratio Lower Upper

113 100

111 102.5 81.8 122.6

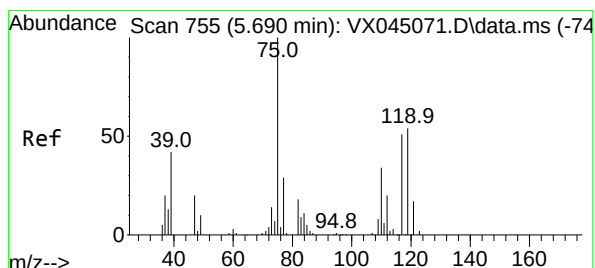
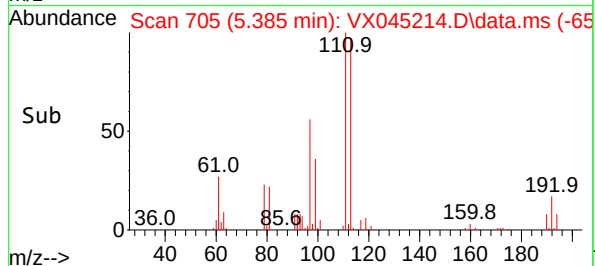
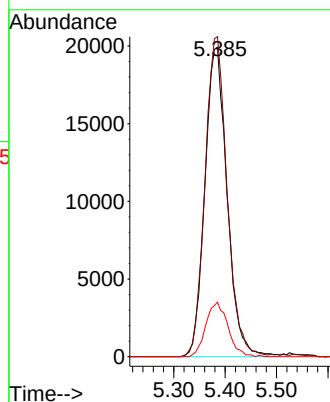
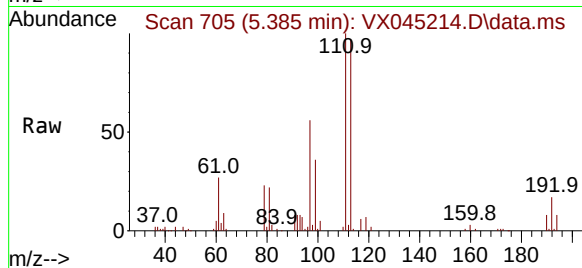
192 17.4 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#36

1,1-Dichloropropene

Concen: 18.899 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.006 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

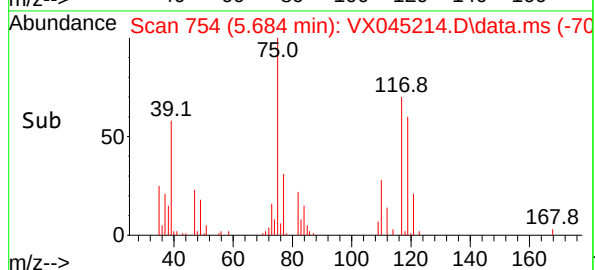
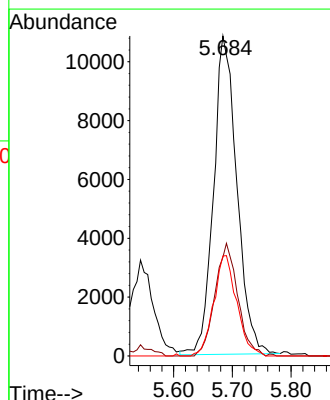
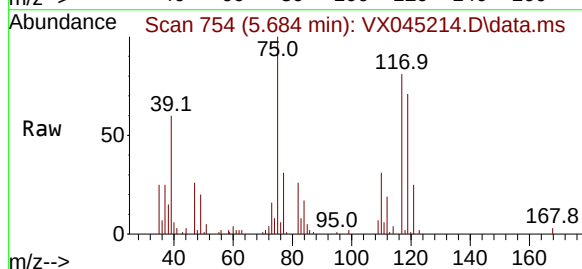
Tgt Ion: 75 Resp: 29907

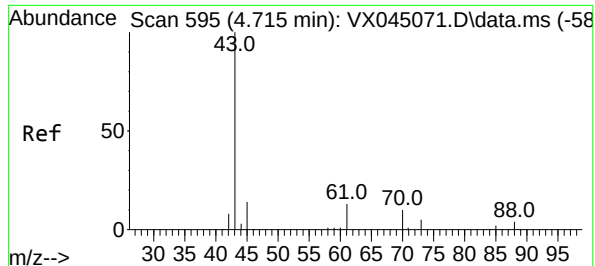
Ion Ratio Lower Upper

75 100

110 34.4 16.9 50.6

77 31.1 24.5 36.7





#37

Ethyl Acetate

Concen: 19.054 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

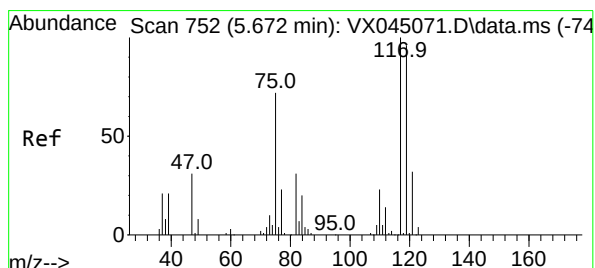
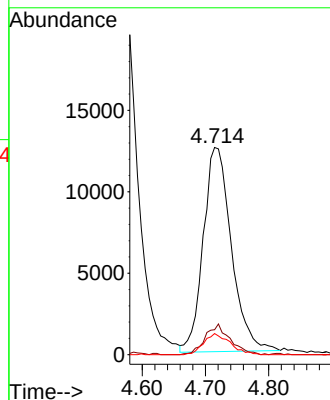
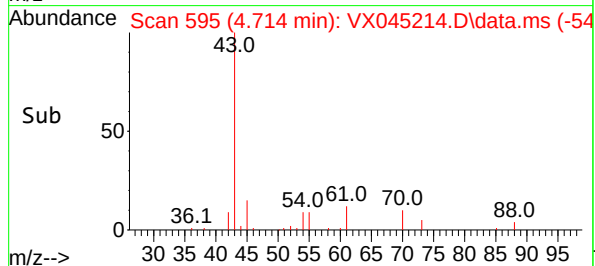
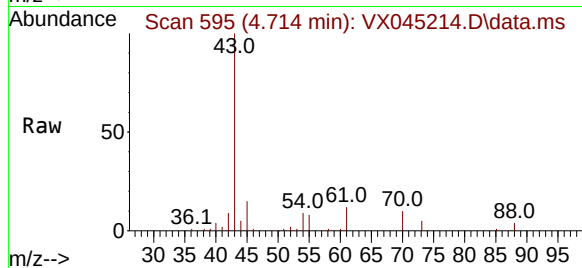
Tgt Ion:	43	Resp:	3885
Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.8	16.2
70	9.7	7.7	11.5

Manual Integrations

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Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#38

Carbon Tetrachloride

Concen: 19.746 ug/l

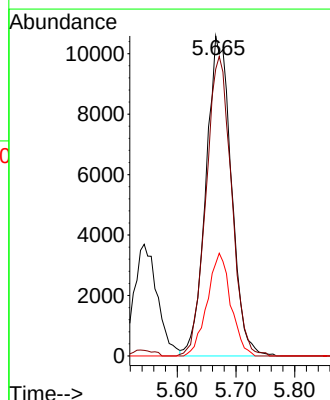
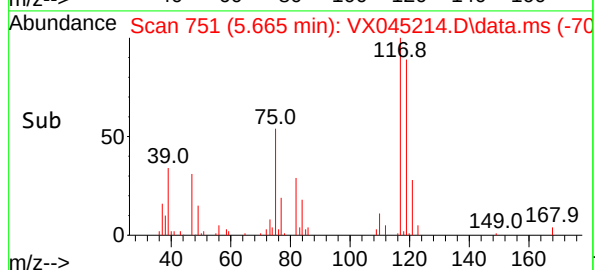
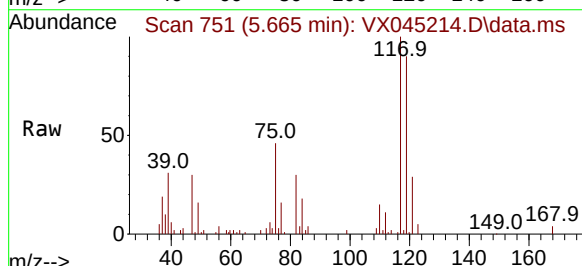
RT: 5.665 min Scan# 751

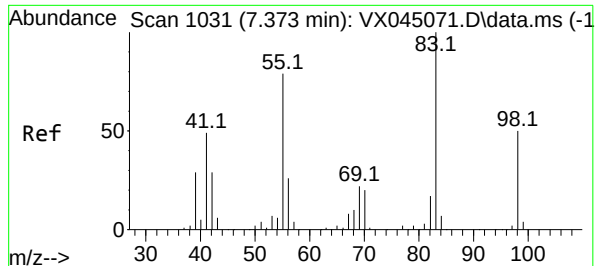
Delta R.T. -0.006 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

Tgt Ion:	117	Resp:	31723
Ion	Ratio	Lower	Upper
117	100		
119	89.6	76.7	115.1
121	28.9	25.5	38.3





#39

Methylcyclohexane

Concen: 19.935 ug/l

RT: 7.372 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

Tgt Ion: 83 Resp: 37800

Ion Ratio Lower Upper

83 100

55 82.7 63.0 94.4

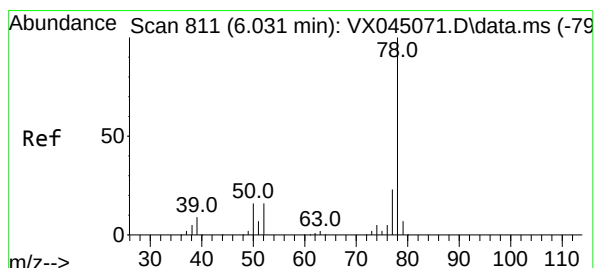
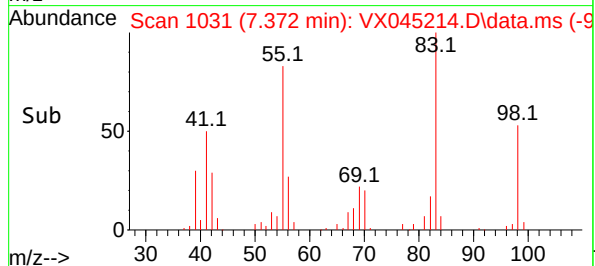
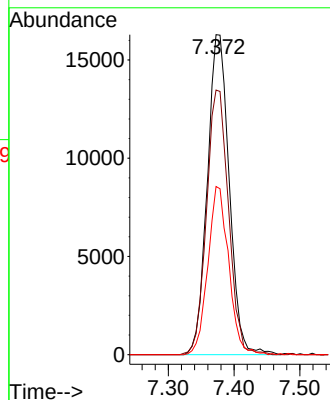
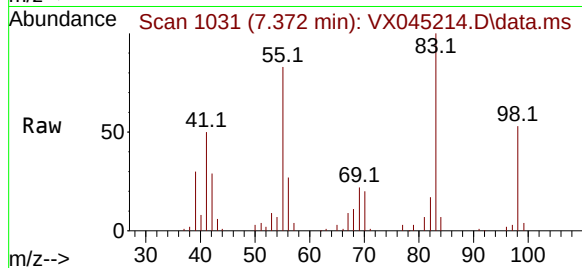
98 52.6 39.7 59.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#40

Benzene

Concen: 19.364 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.000 min

Lab File: VX045214.D

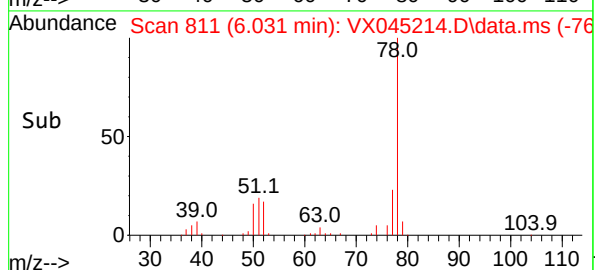
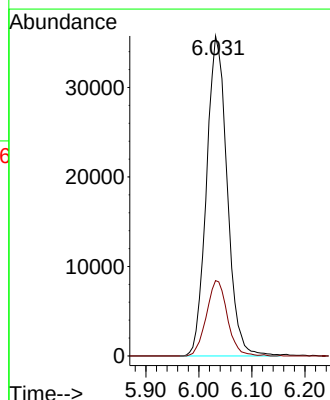
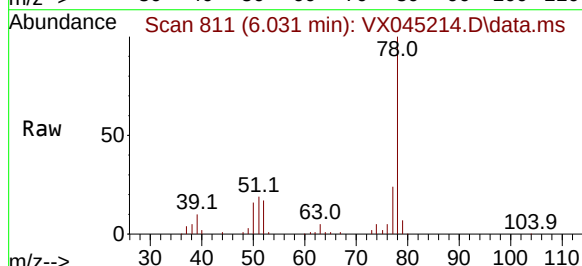
Acq: 11 Mar 2025 11:14

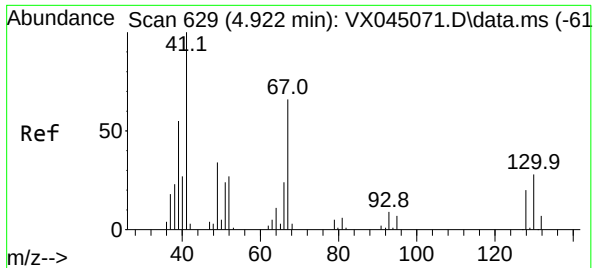
Tgt Ion: 78 Resp: 96762

Ion Ratio Lower Upper

78 100

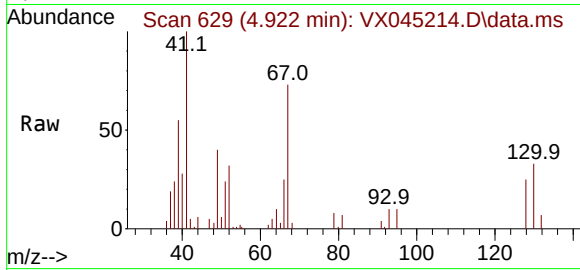
77 23.5 18.8 28.2





#41
Methacrylonitrile
Concen: 20.240 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

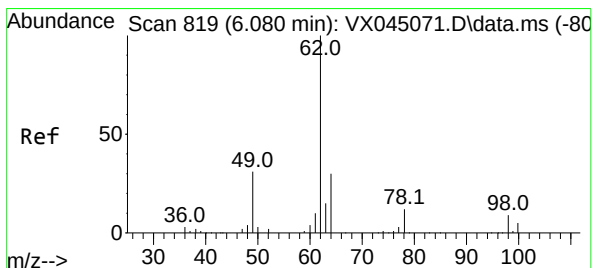
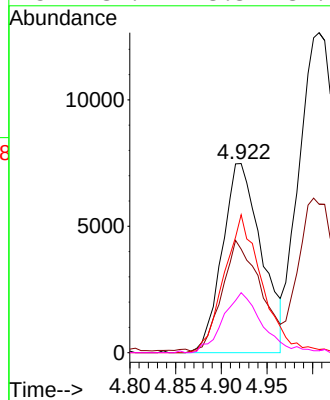
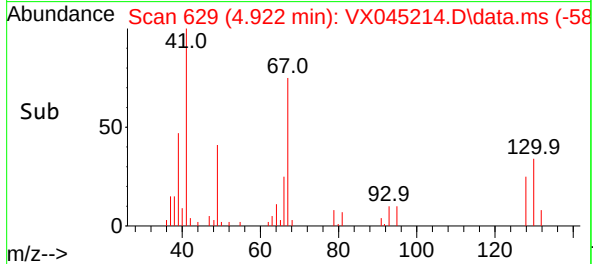
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01



Tgt Ion: 41 Resp: 22310
Ion Ratio Lower Upper
41 100
39 57.4 44.6 67.0
67 71.1 53.9 80.9
52 32.2 23.3 34.9

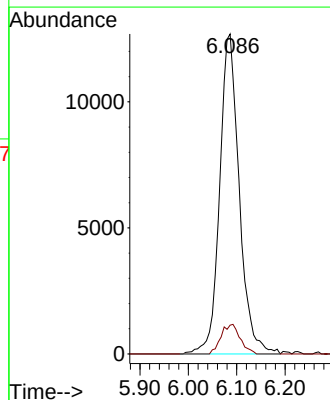
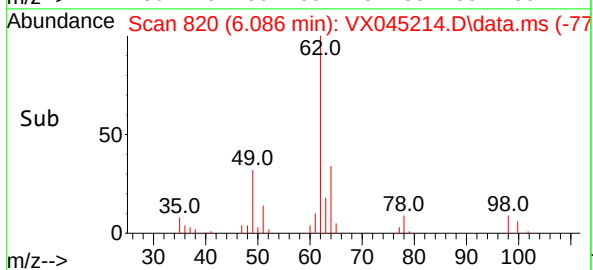
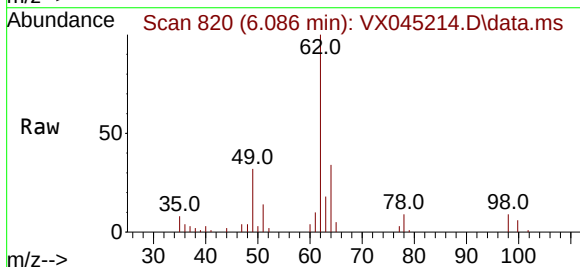
Manual Integrations
APPROVED

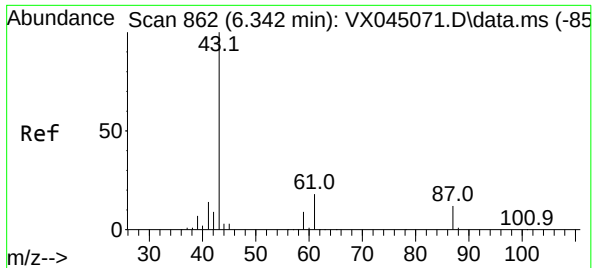
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#42
1,2-Dichloroethane
Concen: 19.836 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

Tgt Ion: 62 Resp: 35693
Ion Ratio Lower Upper
62 100
98 9.0 0.0 18.2





#43

Isopropyl Acetate

Concen: 20.011 ug/l

RT: 6.342 min Scan# 80

Delta R.T. -0.000 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

Tgt Ion: 43 Resp: 60338

Ion Ratio Lower Upper

43 100

61 17.1 14.9 22.3

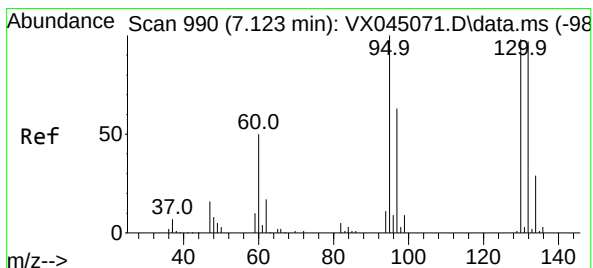
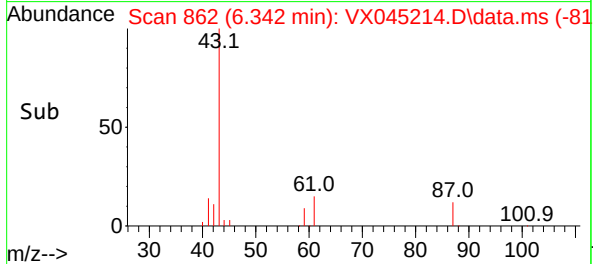
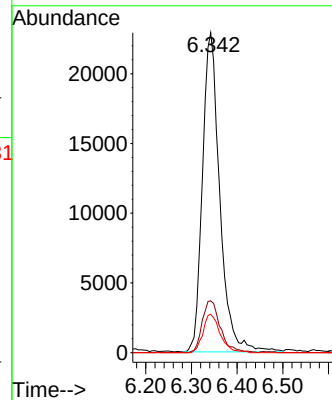
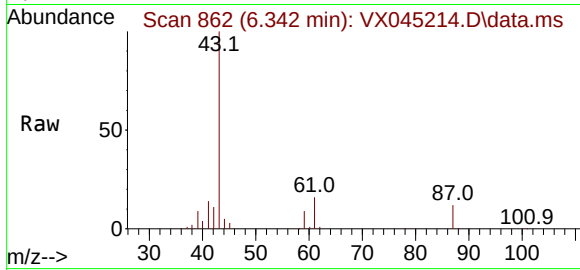
87 12.0 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#44

Trichloroethene

Concen: 18.944 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX045214.D

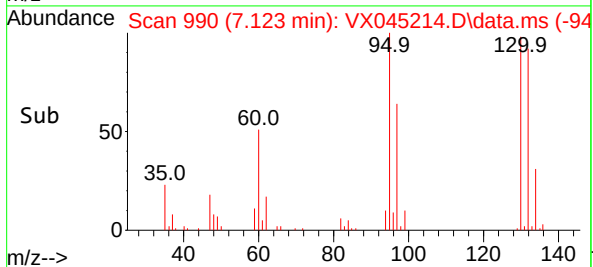
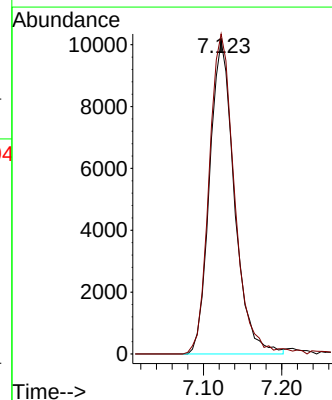
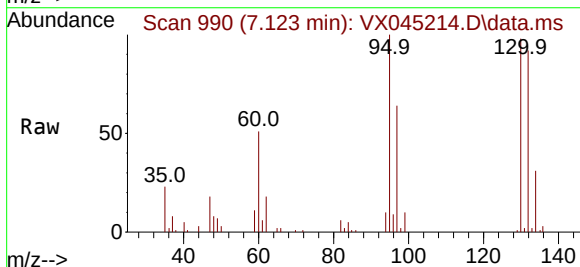
Acq: 11 Mar 2025 11:14

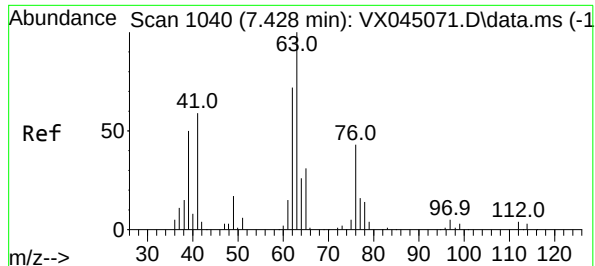
Tgt Ion:130 Resp: 22228

Ion Ratio Lower Upper

130 100

95 102.1 0.0 205.0





#45

1,2-Dichloropropane

Concen: 18.936 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

Tgt Ion: 63 Resp: 24329

Ion Ratio Lower Upper

63 100

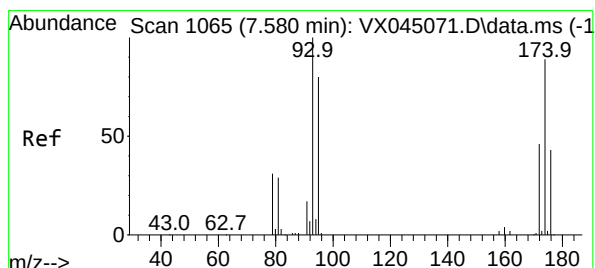
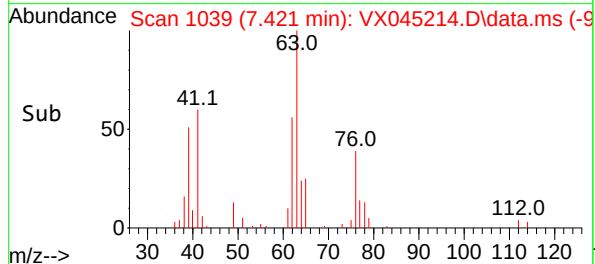
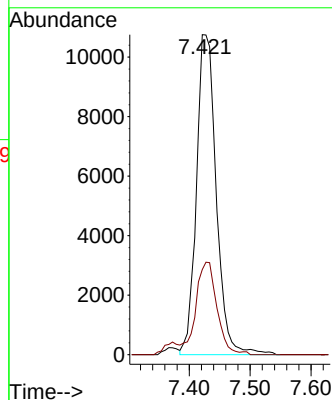
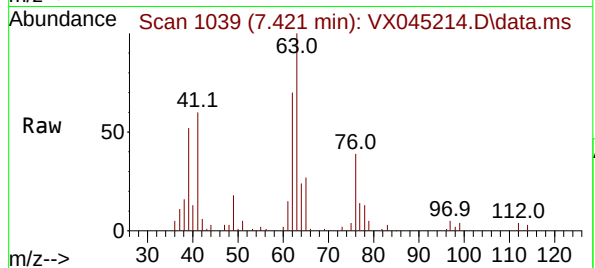
65 26.6 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#46

Dibromomethane

Concen: 20.132 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

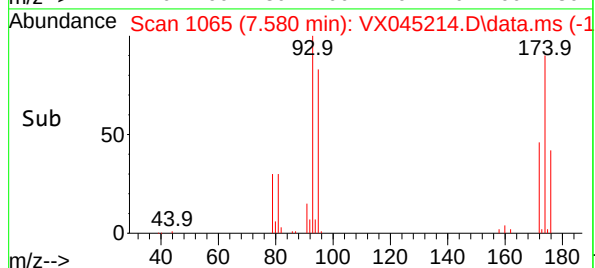
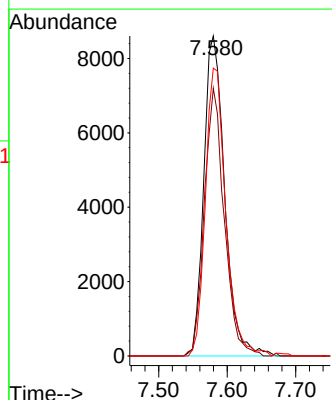
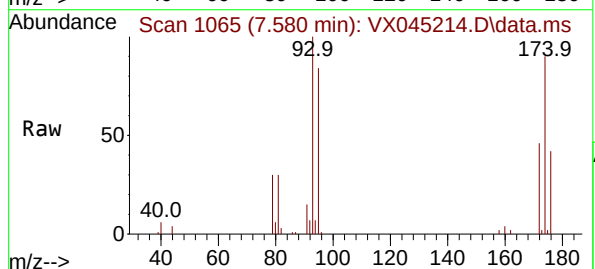
Tgt Ion: 93 Resp: 18282

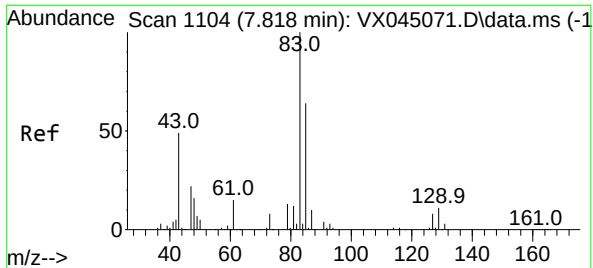
Ion Ratio Lower Upper

93 100

95 79.8 65.8 98.8

174 87.9 72.2 108.2





#47

Bromodichloromethane

Concen: 19.571 ug/l

RT: 7.818 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

Tgt Ion: 83 Resp: 34860

Ion Ratio Lower Upper

83 100

85 64.2 51.1 76.7

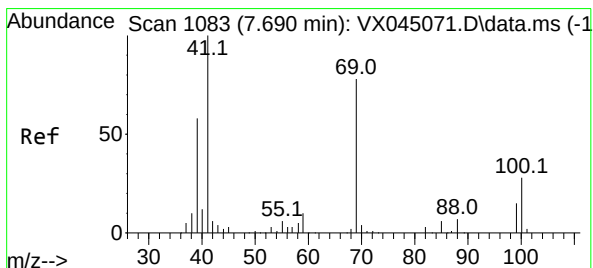
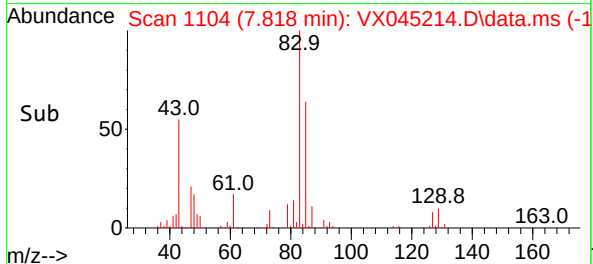
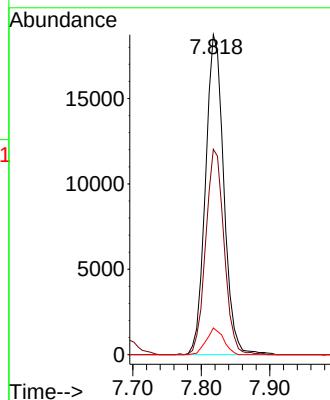
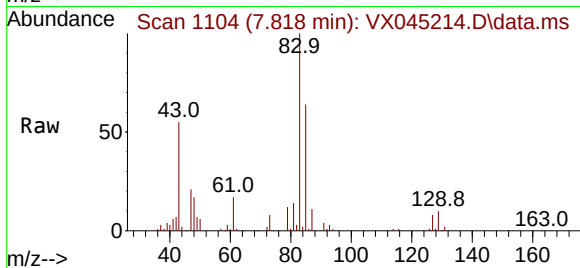
127 8.3 6.4 9.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#48

Methyl methacrylate

Concen: 19.905 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. 0.006 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

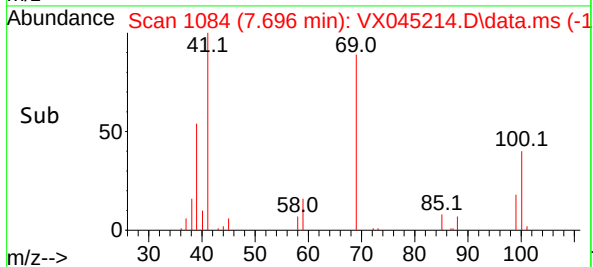
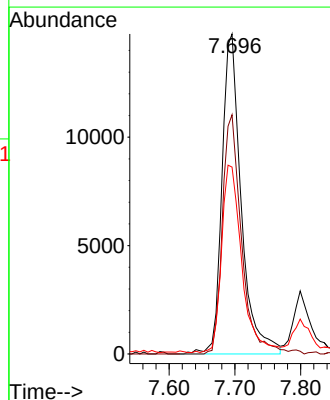
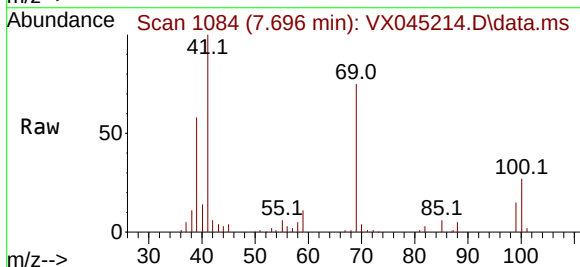
Tgt Ion: 41 Resp: 30110

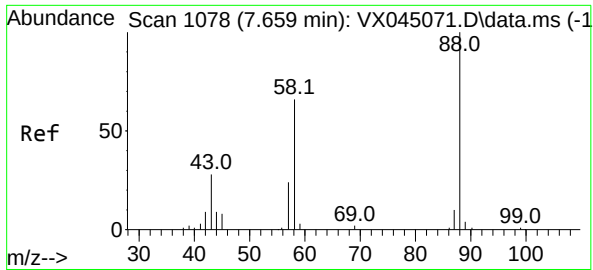
Ion Ratio Lower Upper

41 100

69 73.9 63.0 94.6

39 61.1 47.5 71.3





#49

1,4-Dioxane

Concen: 376.974 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

Tgt Ion: 88 Resp: 12029

Ion Ratio Lower Upper

88 100

43 40.5 28.7 43.1

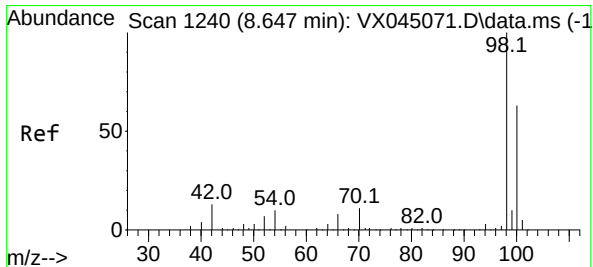
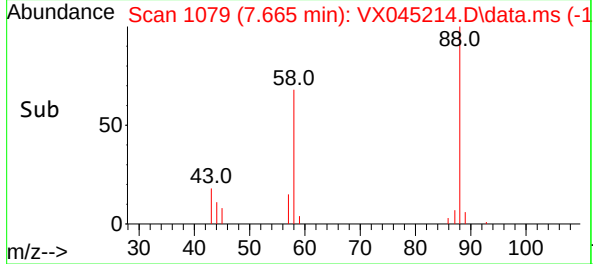
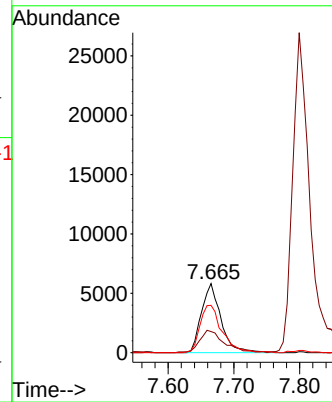
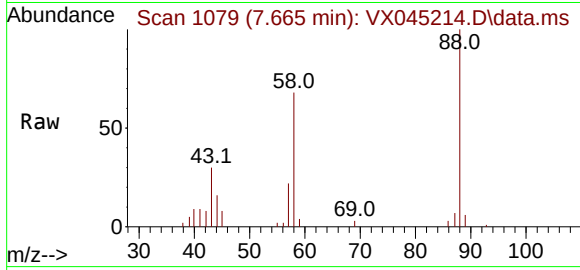
58 76.0 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#50

Toluene-d8

Concen: 51.200 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX045214.D

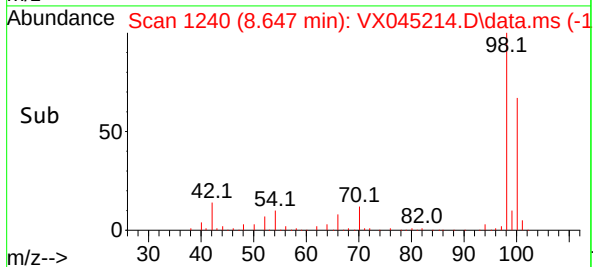
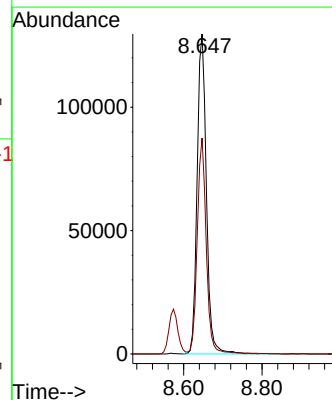
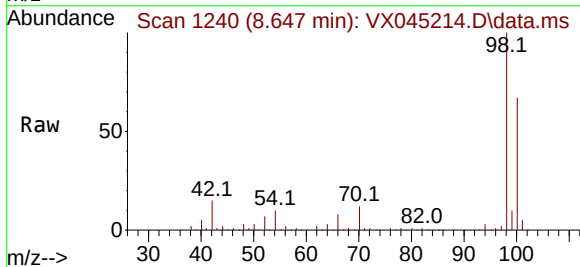
Acq: 11 Mar 2025 11:14

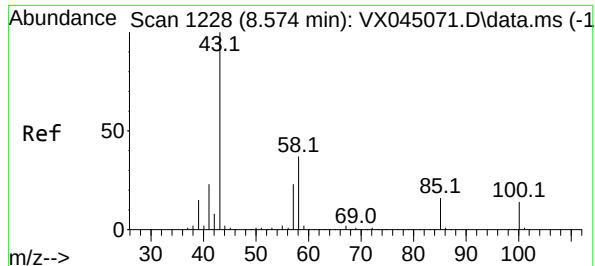
Tgt Ion: 98 Resp: 214187

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0





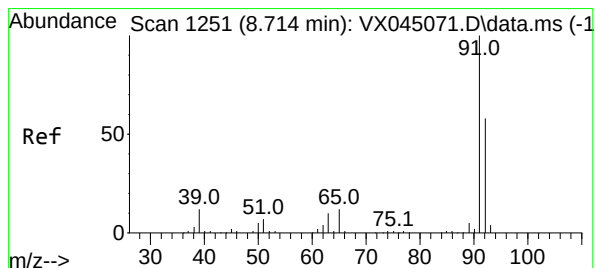
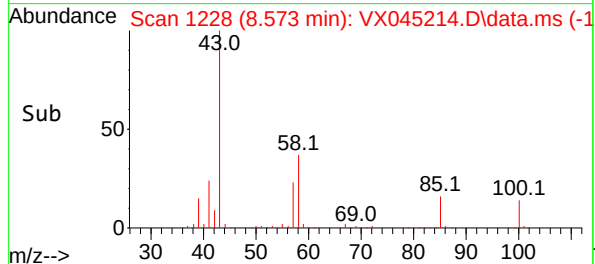
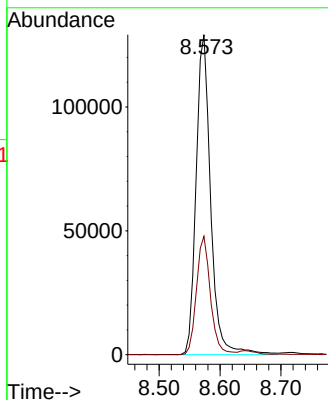
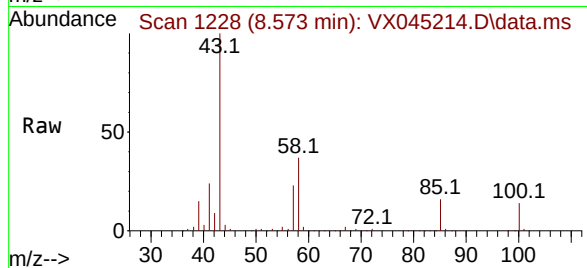
#51
4-Methyl-2-Pentanone
Concen: 105.932 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Tgt Ion: 43 Resp: 21446
Ion Ratio Lower Upper
43 100
58 35.7 29.2 43.8

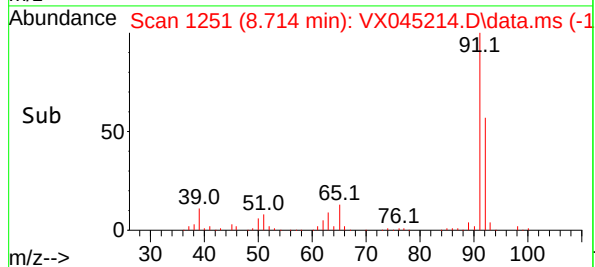
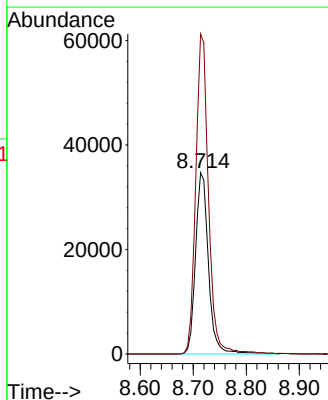
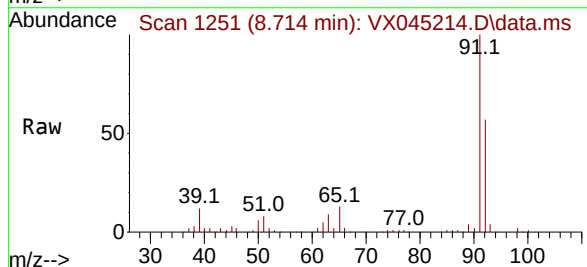
Manual Integrations
APPROVED

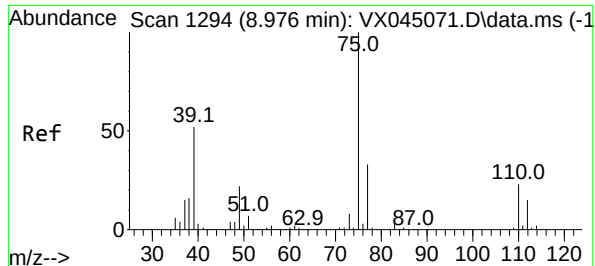
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#52
Toluene
Concen: 20.030 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

Tgt Ion: 92 Resp: 58726
Ion Ratio Lower Upper
92 100
91 174.6 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 20.021 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

Tgt Ion: 75 Resp: 29814

Ion Ratio Lower Upper

75 100

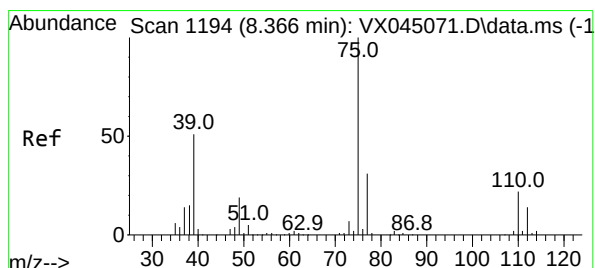
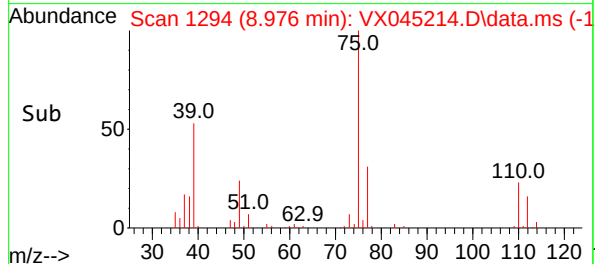
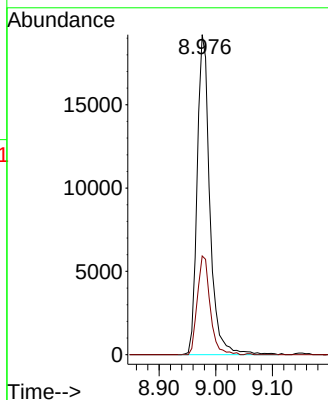
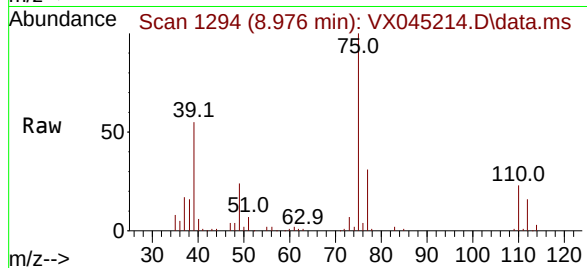
77 30.8 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#54

cis-1,3-Dichloropropene

Concen: 20.578 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

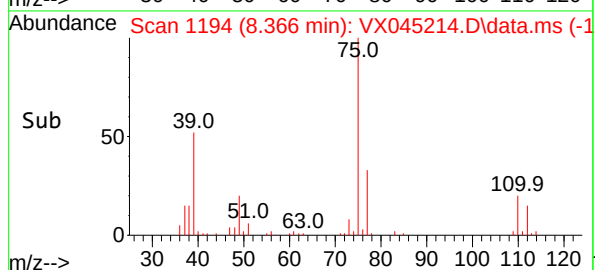
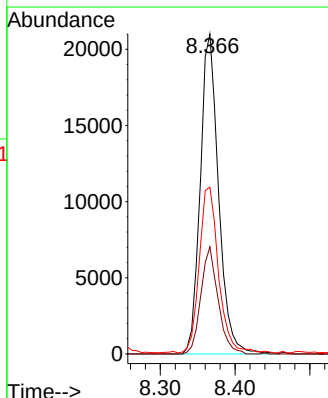
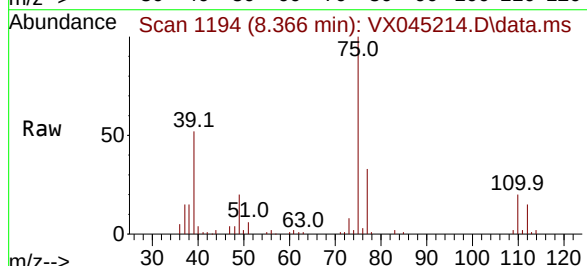
Tgt Ion: 75 Resp: 35732

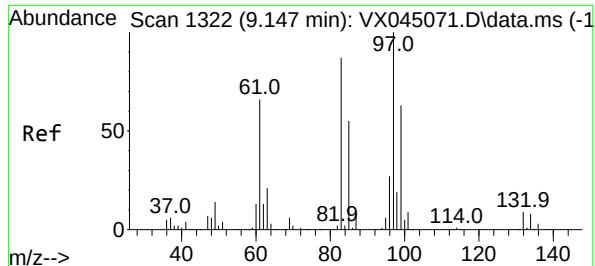
Ion Ratio Lower Upper

75 100

77 33.5 24.7 37.1

39 51.8 40.7 61.1





#55

1,1,2-Trichloroethane

Concen: 19.483 ug/l

RT: 9.153 min Scan# 1322

Delta R.T. 0.006 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

Tgt Ion: 97 Resp: 23510

Ion Ratio Lower Upper

97 100

83 88.5 69.4 104.2

85 56.6 44.1 66.1

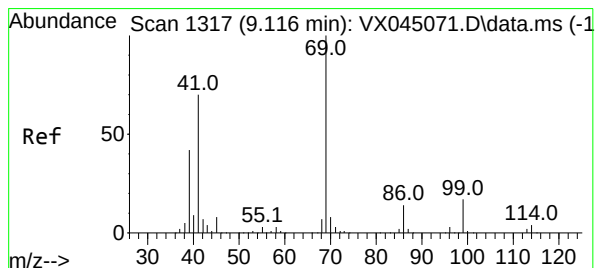
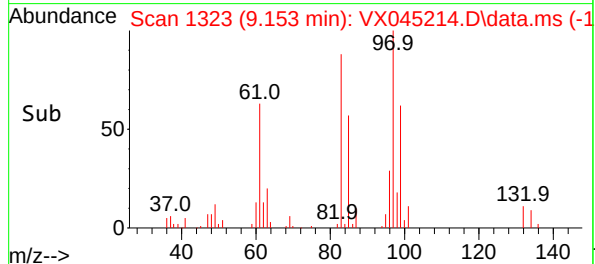
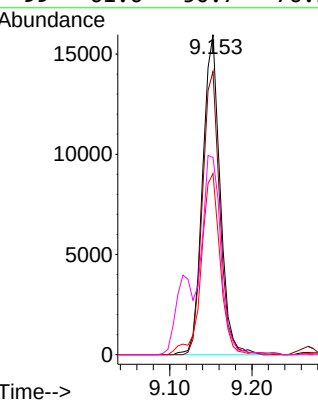
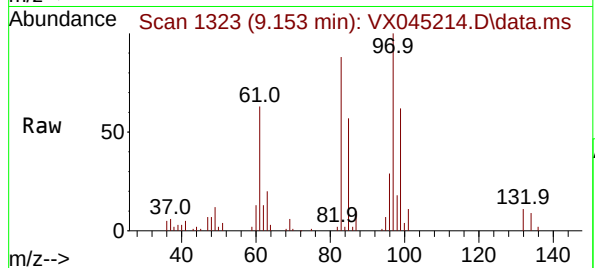
99 61.6 50.7 76.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#56

Ethyl methacrylate

Concen: 19.616 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

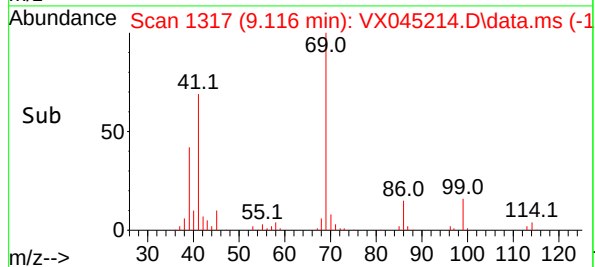
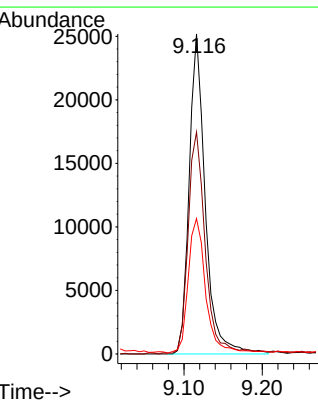
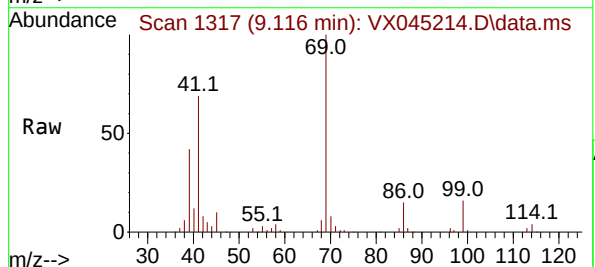
Tgt Ion: 69 Resp: 35989

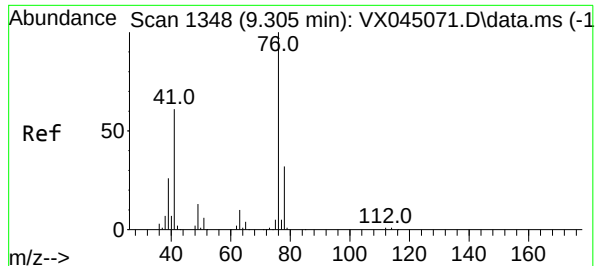
Ion Ratio Lower Upper

69 100

41 74.9 57.0 85.4

39 45.8 34.2 51.4





#57

1,3-Dichloropropane

Concen: 20.124 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

Tgt Ion: 76 Resp: 42034

Ion Ratio Lower Upper

76 100

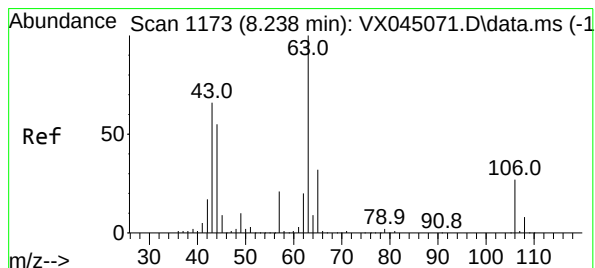
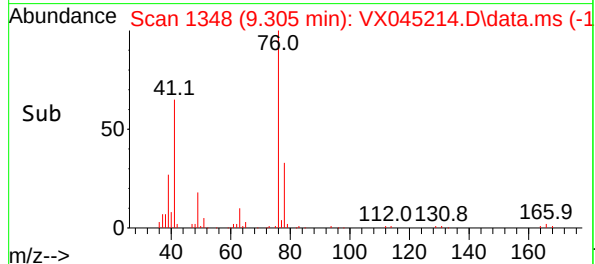
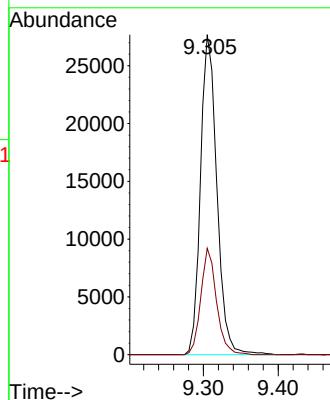
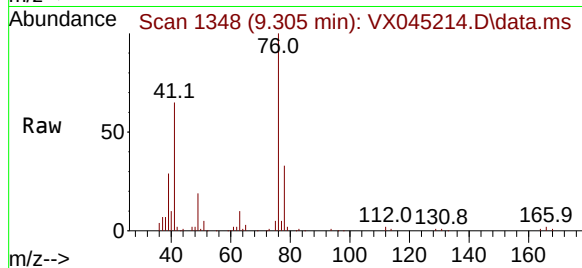
78 31.9 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#58

2-Chloroethyl Vinyl ether

Concen: 96.201 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045214.D

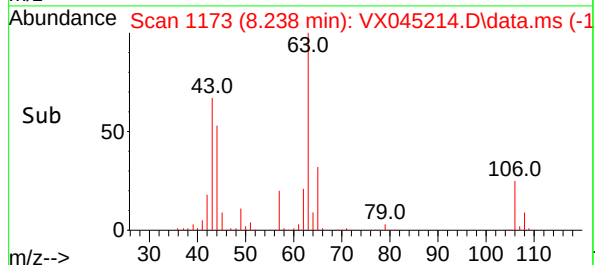
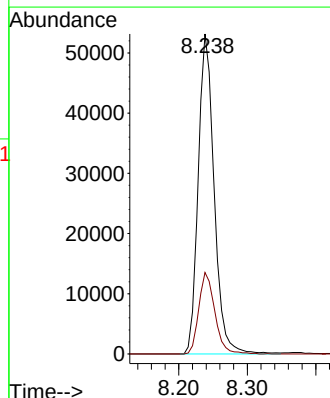
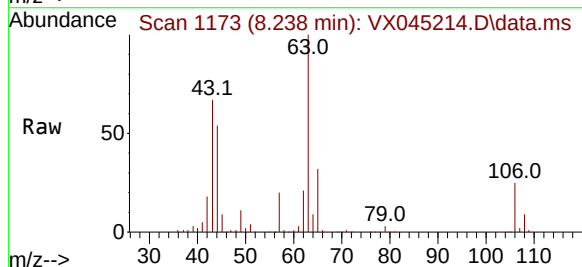
Acq: 11 Mar 2025 11:14

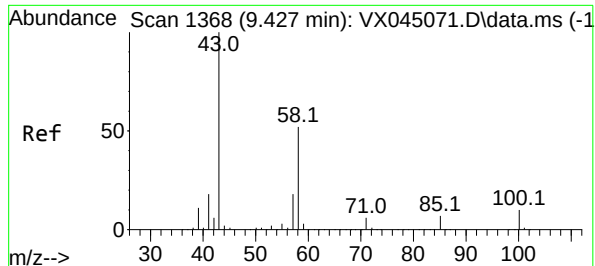
Tgt Ion: 63 Resp: 86098

Ion Ratio Lower Upper

63 100

106 25.6 21.5 32.3





#59

2-Hexanone

Concen: 108.556 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

Tgt Ion: 43 Resp: 159240

Ion Ratio Lower Upper

43 100

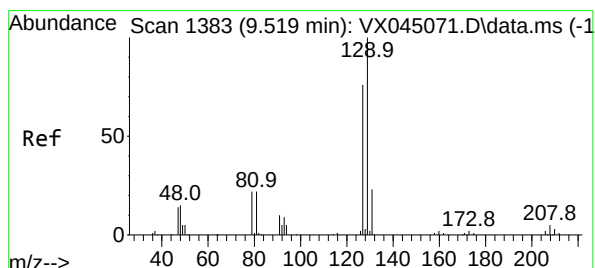
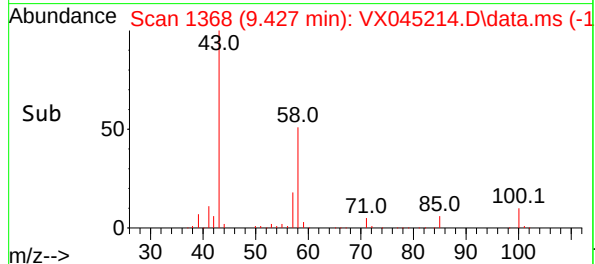
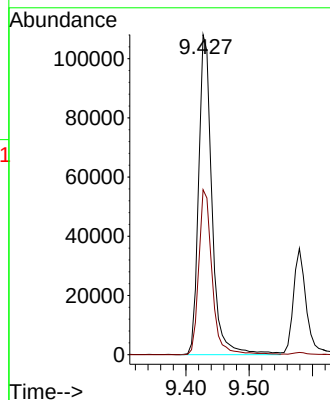
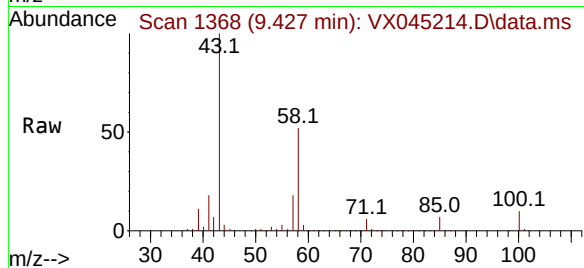
58 51.5 25.9 77.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#60

Dibromochloromethane

Concen: 19.524 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX045214.D

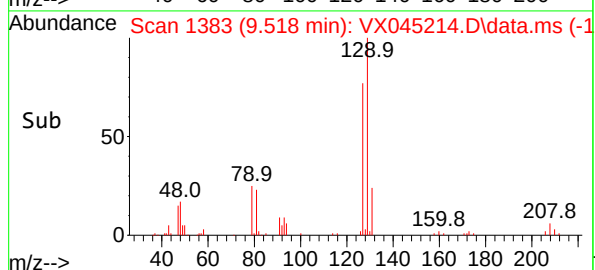
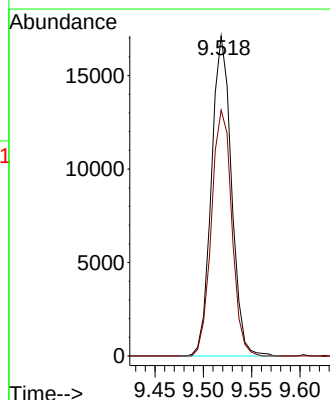
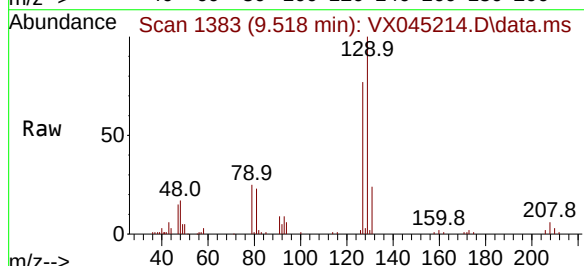
Acq: 11 Mar 2025 11:14

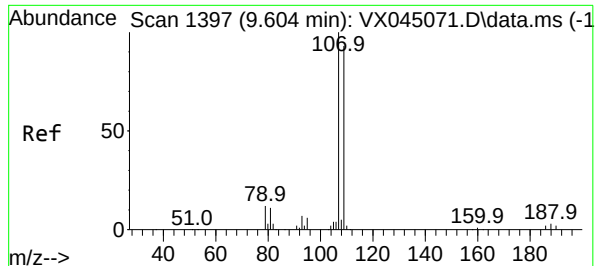
Tgt Ion:129 Resp: 24640

Ion Ratio Lower Upper

129 100

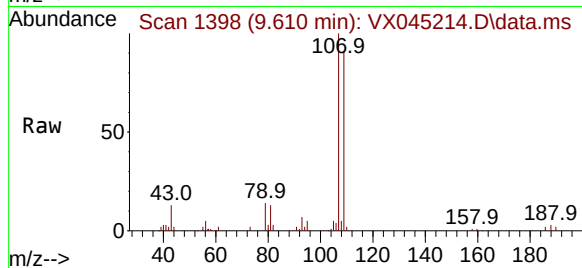
127 78.0 38.5 115.5





#61
1,2-Dibromoethane
Concen: 19.647 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

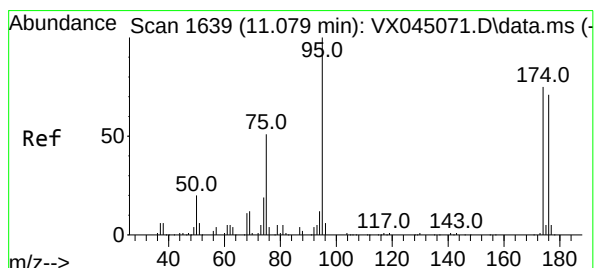
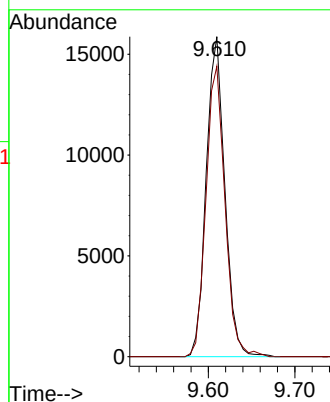
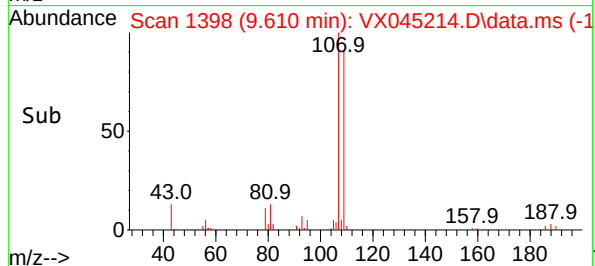
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01



Tgt Ion:107 Resp: 2367
Ion Ratio Lower Upper
107 100
109 92.7 76.1 114.1

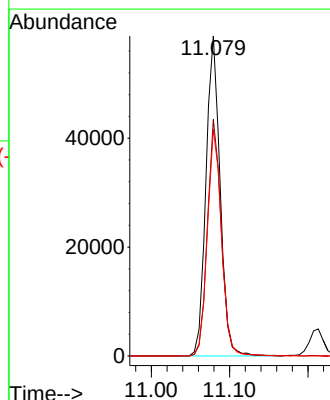
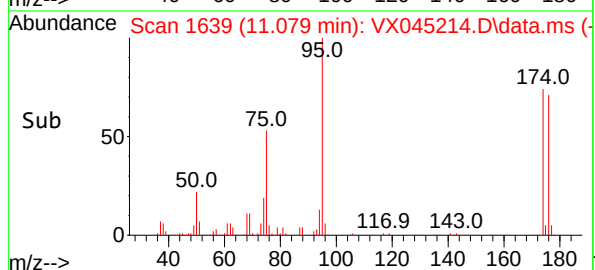
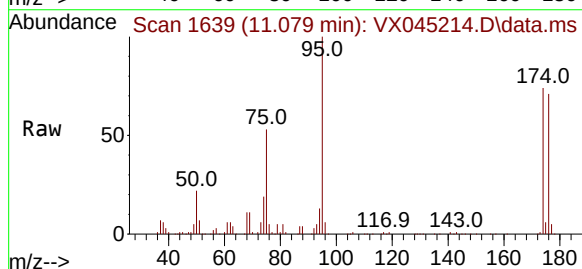
Manual Integrations
APPROVED

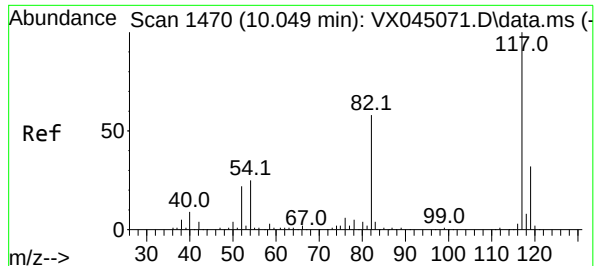
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#62
4-Bromofluorobenzene
Concen: 52.930 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

Tgt Ion: 95 Resp: 73373
Ion Ratio Lower Upper
95 100
174 72.7 0.0 148.2
176 70.8 0.0 141.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

Tgt Ion:117 Resp: 151770

Ion Ratio Lower Upper

117 100

82 57.4 46.3 69.5

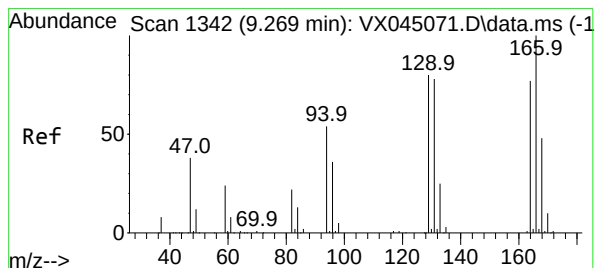
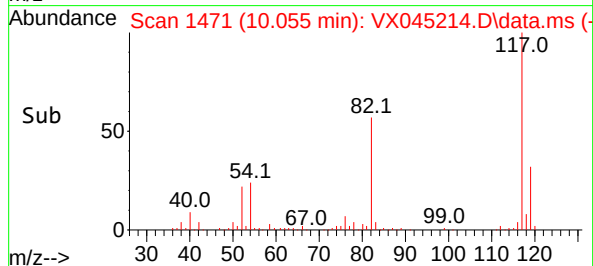
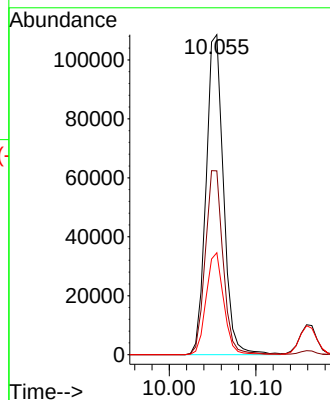
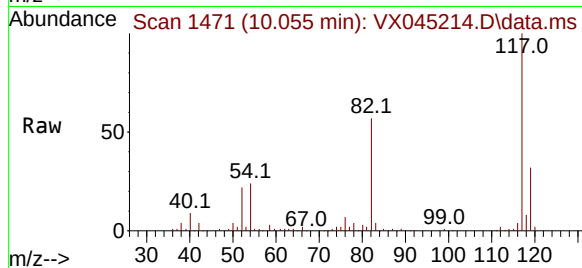
119 31.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#64

Tetrachloroethene

Concen: 19.537 ug/l

RT: 9.268 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

Tgt Ion:164 Resp: 18990

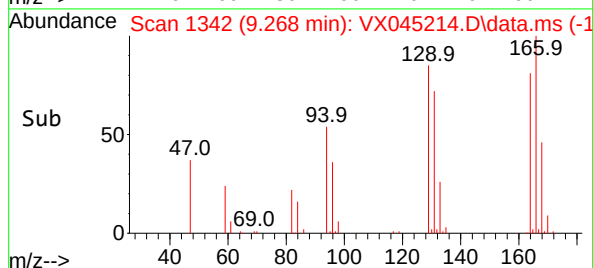
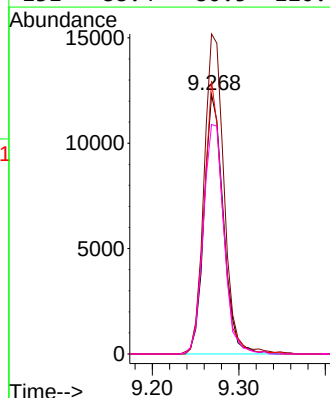
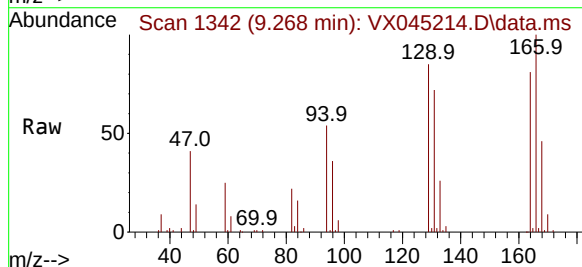
Ion Ratio Lower Upper

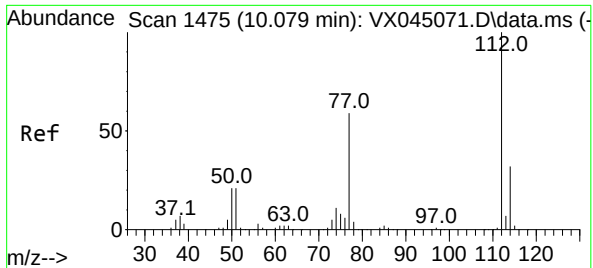
164 100

166 123.4 103.6 155.4

129 105.2 82.7 124.1

131 88.4 80.5 120.7





#65

Chlorobenzene

Concen: 19.739 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

Tgt Ion:112 Resp: 63389

Ion Ratio Lower Upper

112 100

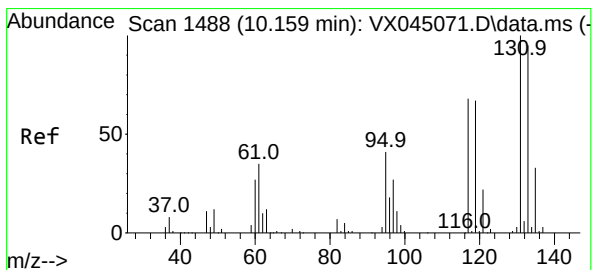
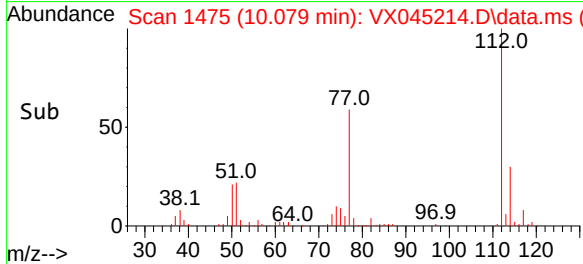
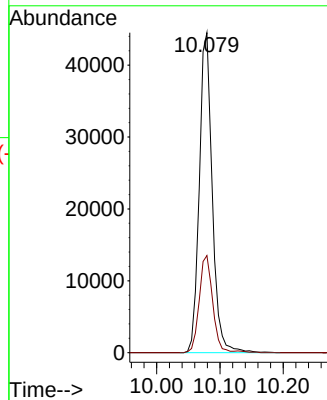
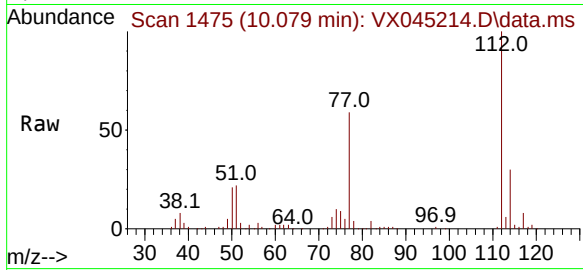
114 30.3 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#66

1,1,1,2-Tetrachloroethane

Concen: 19.659 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

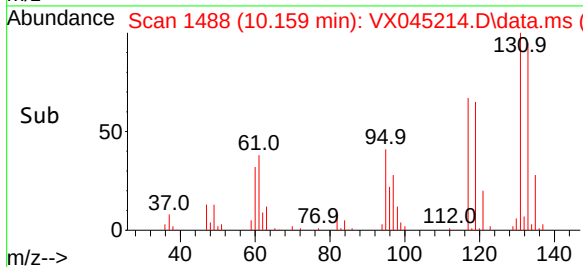
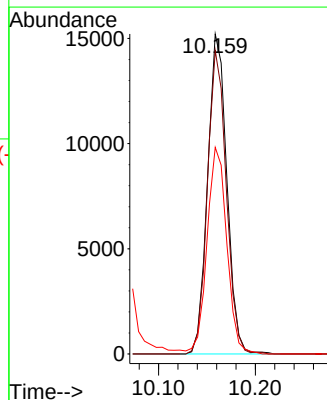
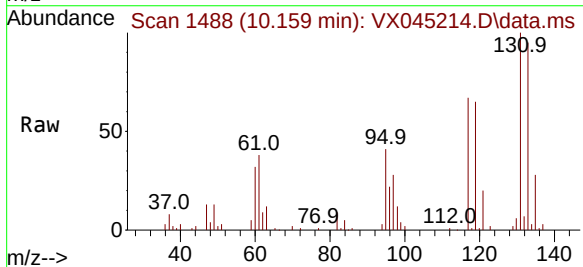
Tgt Ion:131 Resp: 21025

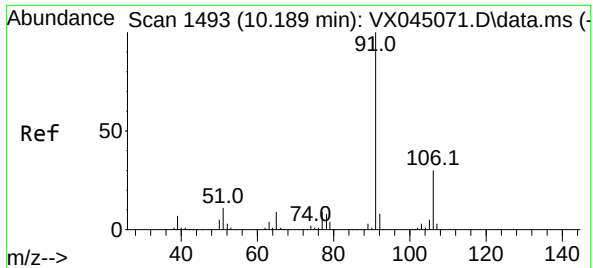
Ion Ratio Lower Upper

131 100

133 93.4 48.6 145.9

119 66.2 33.9 101.7





#67

Ethyl Benzene

Concen: 19.770 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

Tgt Ion: 91 Resp: 110625

Ion Ratio Lower Upper

91 100

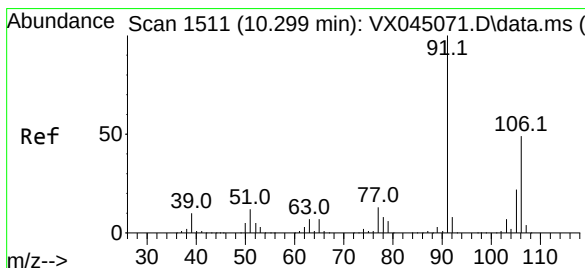
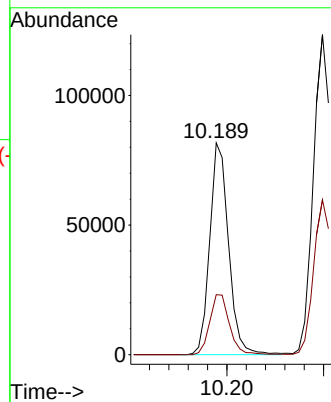
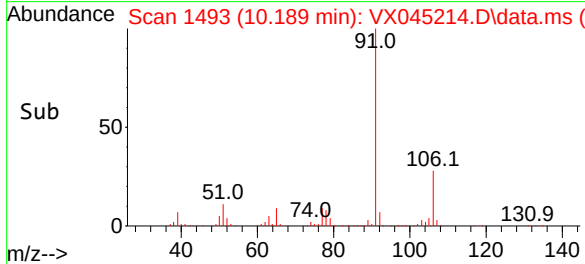
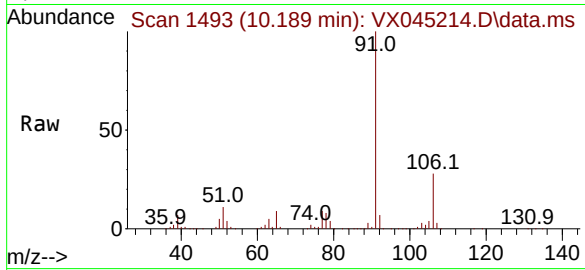
106 28.4 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#68

m/p-Xylenes

Concen: 40.069 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX045214.D

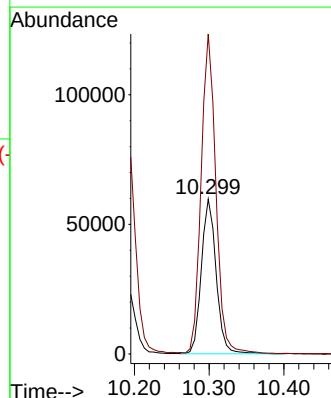
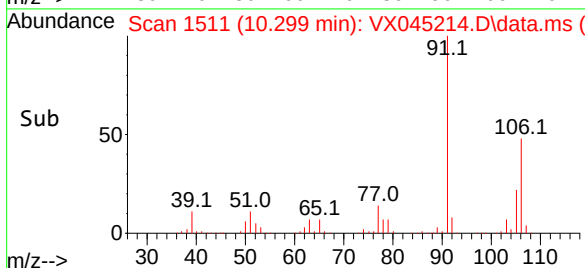
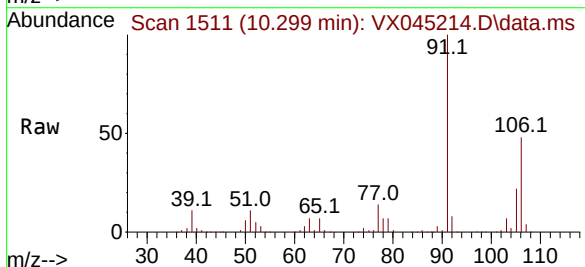
Acq: 11 Mar 2025 11:14

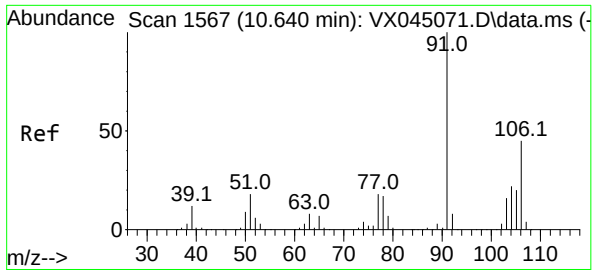
Tgt Ion:106 Resp: 82080

Ion Ratio Lower Upper

106 100

91 206.1 165.4 248.0





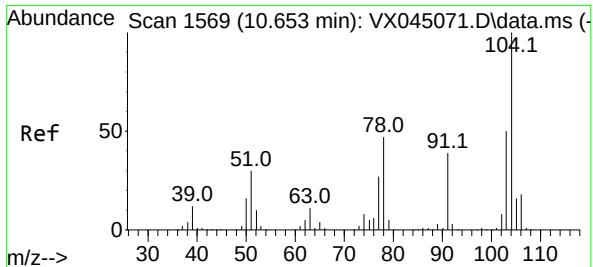
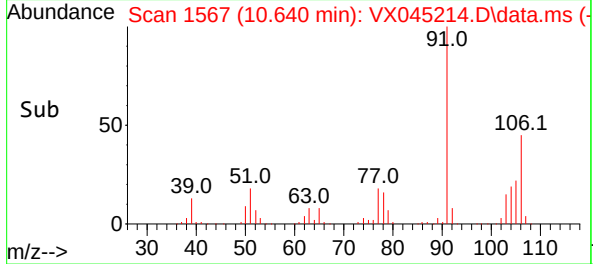
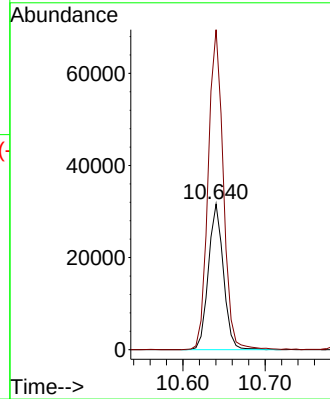
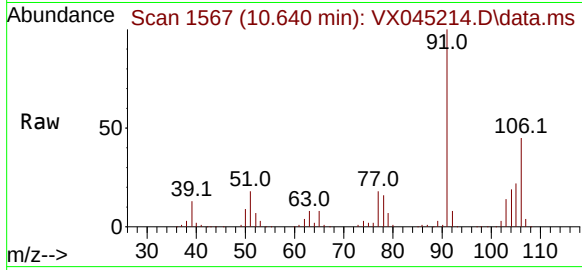
#69
o-Xylene
Concen: 19.413 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Tgt Ion:106 Resp: 40108
Ion Ratio Lower Upper
106 100
91 221.5 109.9 329.6

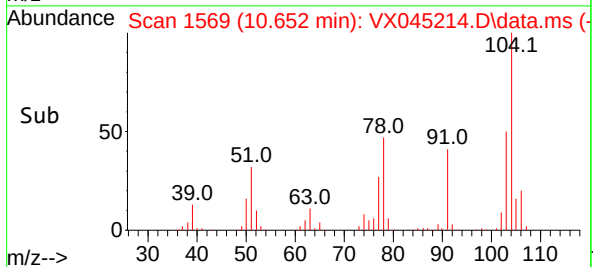
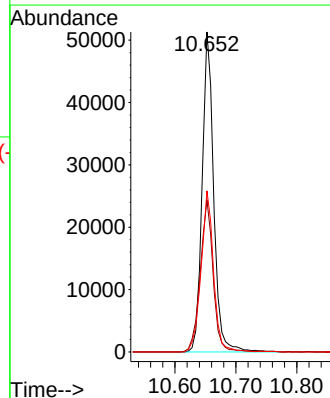
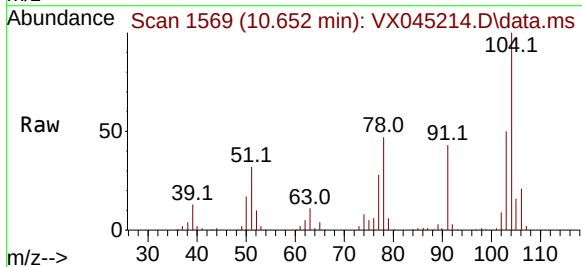
Manual Integrations
APPROVED

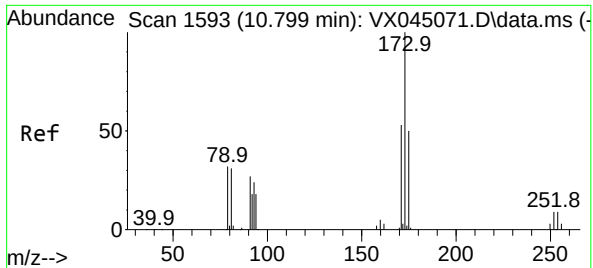
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#70
Styrene
Concen: 20.260 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

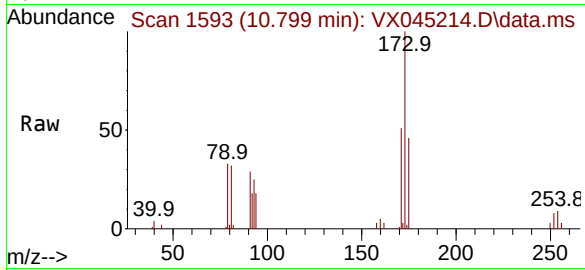
Tgt Ion:104 Resp: 67728
Ion Ratio Lower Upper
104 100
78 53.0 42.2 63.4
103 54.3 43.8 65.8





#71
Bromoform
Concen: 20.029 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

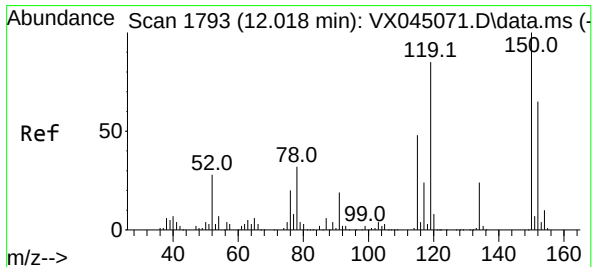
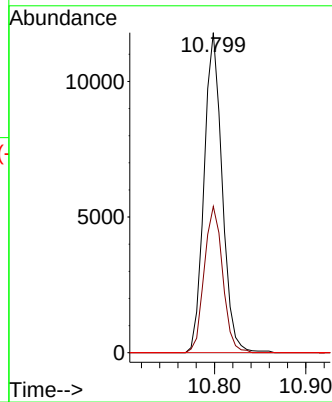
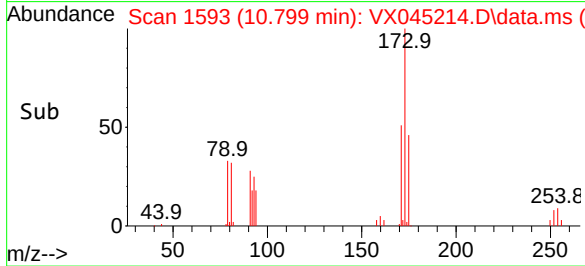
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01



Tgt Ion:173 Resp: 1615
Ion Ratio Lower Upper
173 100
175 46.6 24.6 73.6
254 0.0 0.0 0.0

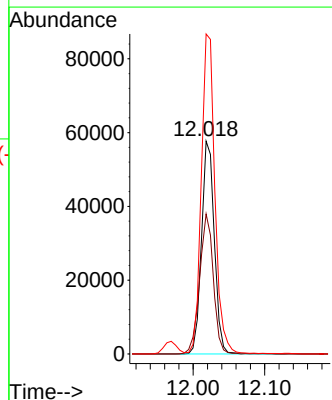
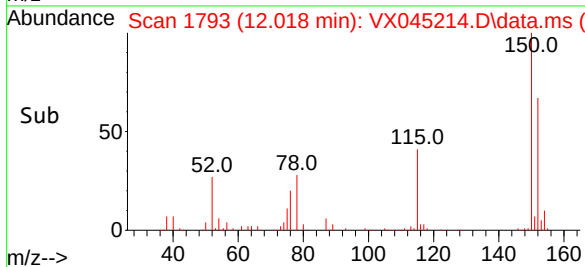
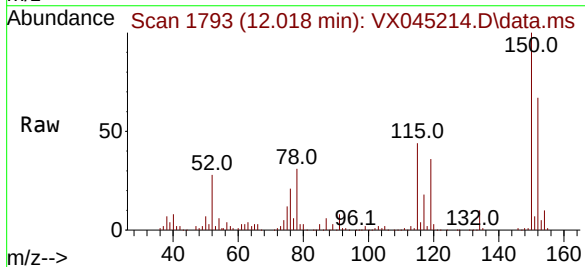
Manual Integrations
APPROVED

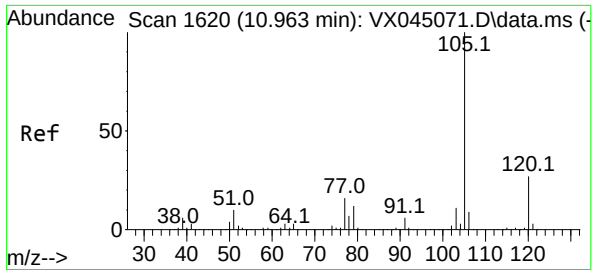
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

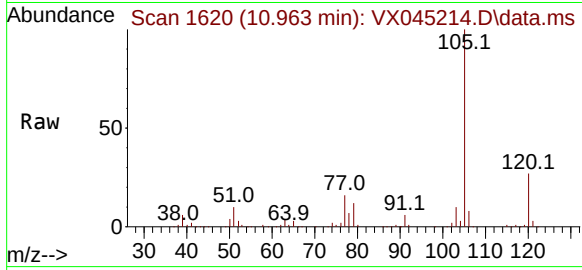
Tgt Ion:152 Resp: 71836
Ion Ratio Lower Upper
152 100
115 69.9 44.2 132.6
150 159.1 0.0 349.0





#73
Isopropylbenzene
Concen: 19.084 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

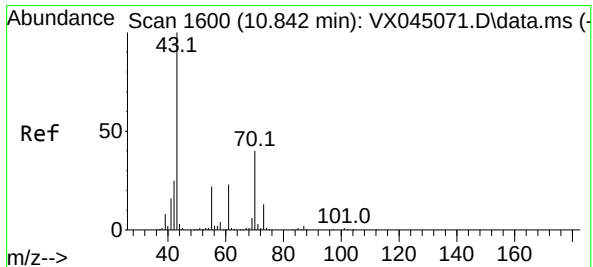
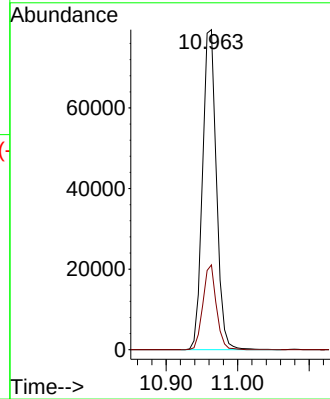
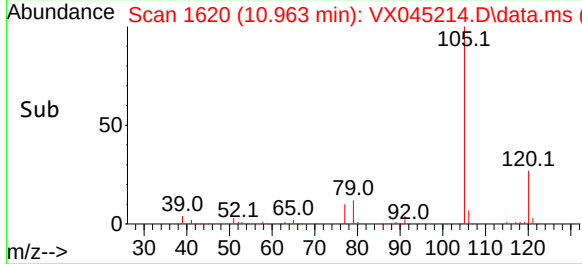
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01



Tgt Ion:105 Resp: 107000
Ion Ratio Lower Upper
105 100
120 25.6 13.2 39.5

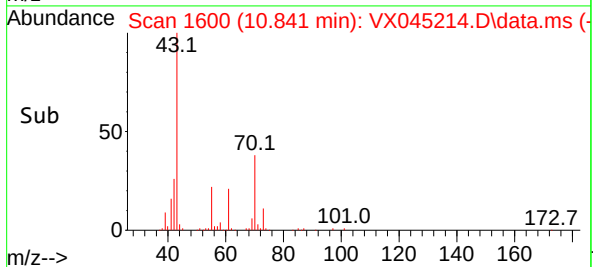
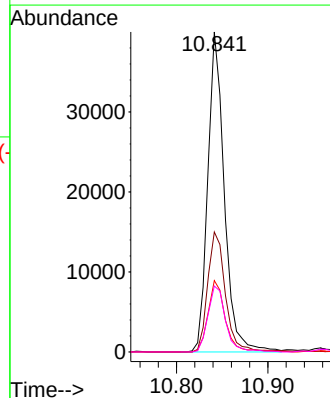
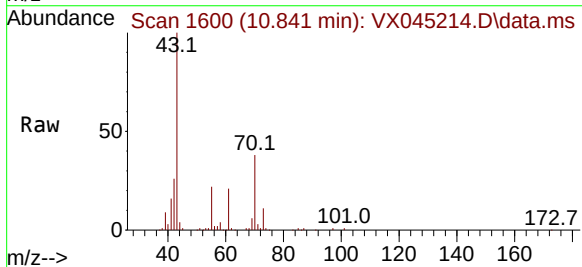
Manual Integrations
APPROVED

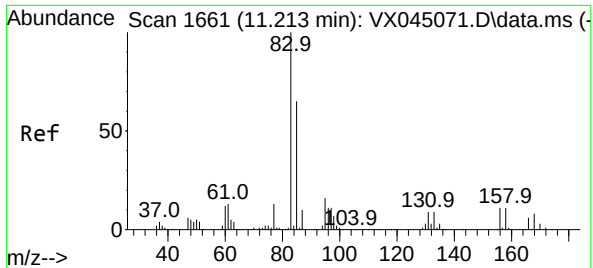
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#74
N-ethyl acetate
Concen: 19.067 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

Tgt Ion: 43 Resp: 50165
Ion Ratio Lower Upper
43 100
70 40.0 31.8 47.6
55 23.5 18.3 27.5
61 22.0 18.3 27.5





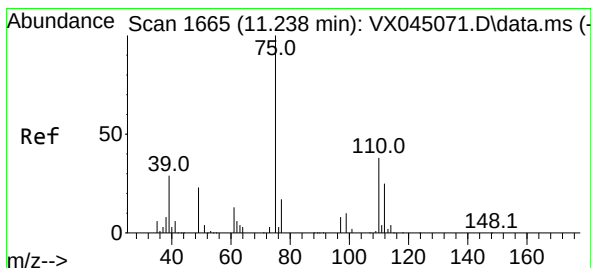
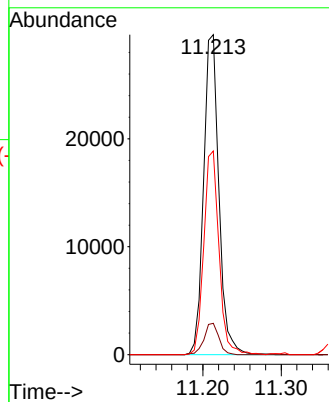
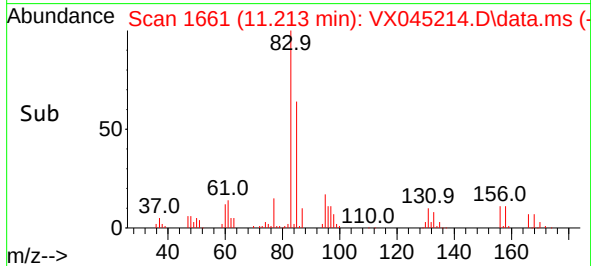
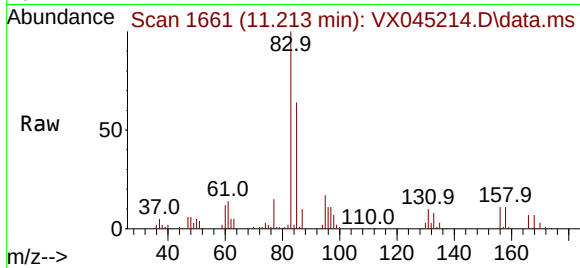
#75
1,1,2,2-Tetrachloroethane
Concen: 19.498 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Tgt Ion: 83 Resp: 40119
Ion Ratio Lower Upper
83 100
131 9.6 4.5 13.4
85 63.2 31.7 95.1

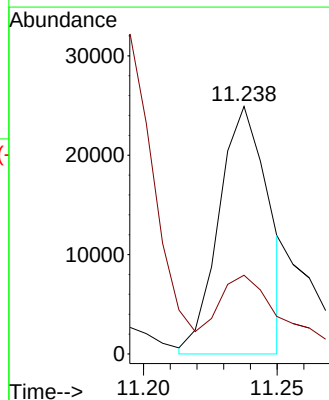
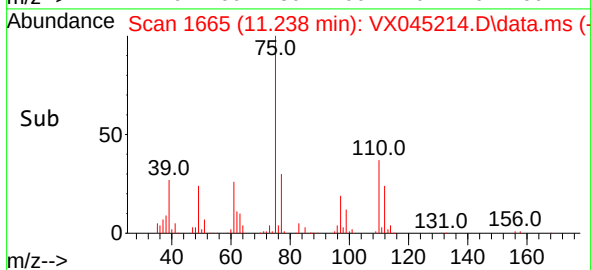
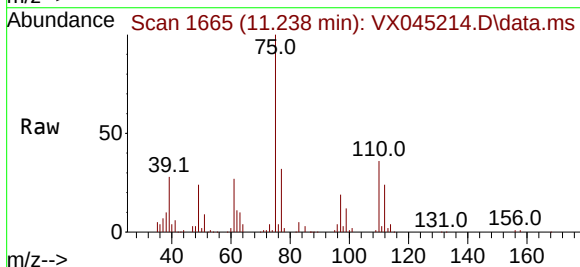
Manual Integrations
APPROVED

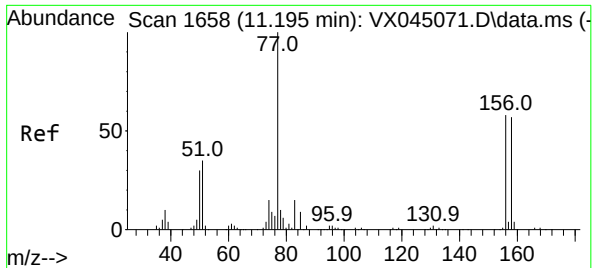
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#76
1,2,3-Trichloropropane
Concen: 19.230 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

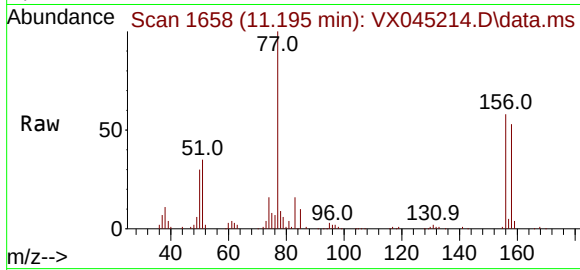
Tgt Ion: 75 Resp: 32153
Ion Ratio Lower Upper
75 100
77 41.9 20.7 62.1





#77
Bromobenzene
Concen: 18.531 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

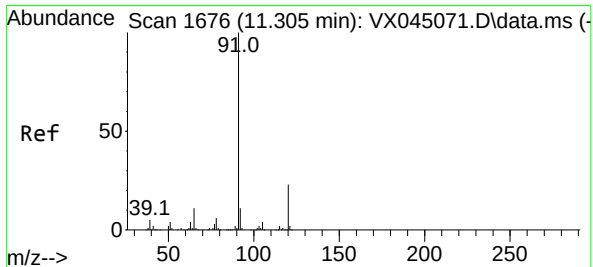
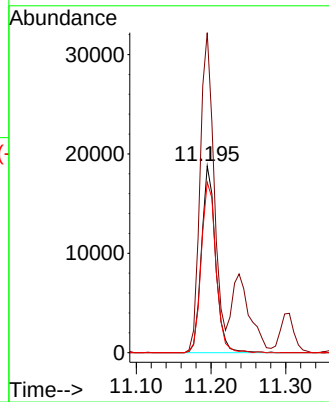
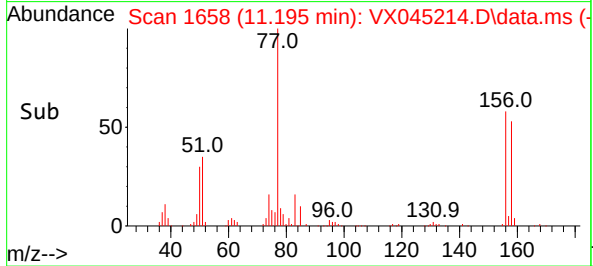
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01



Tgt Ion:156 Resp: 2451
Ion Ratio Lower Upper
156 100
77 170.4 85.8 257.4
158 95.0 48.4 145.2

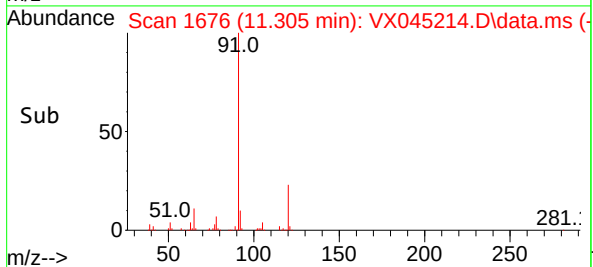
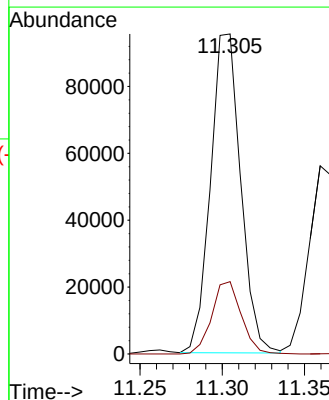
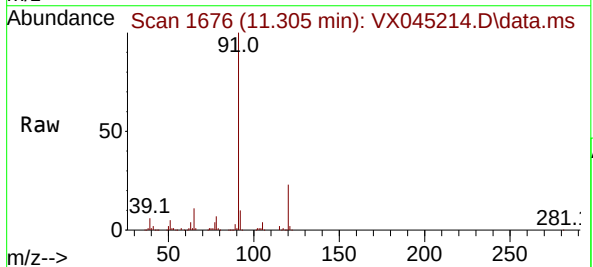
Manual Integrations
APPROVED

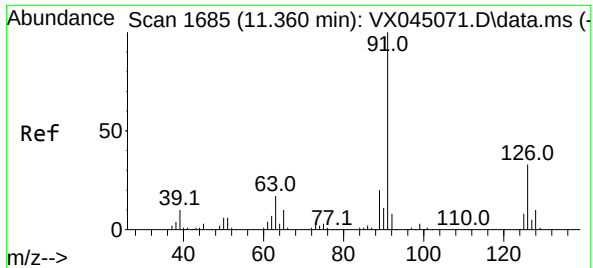
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#78
n-propylbenzene
Concen: 19.227 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

Tgt Ion: 91 Resp: 121782
Ion Ratio Lower Upper
91 100
120 22.2 11.2 33.6





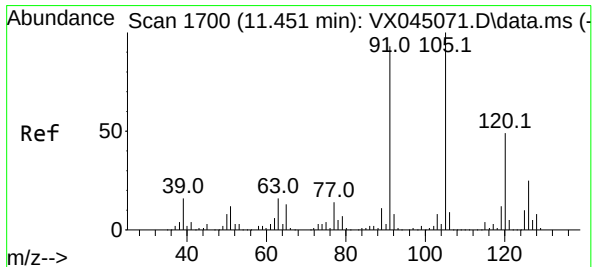
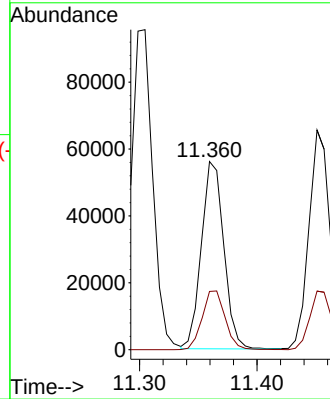
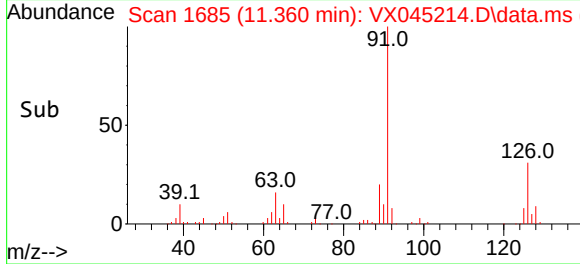
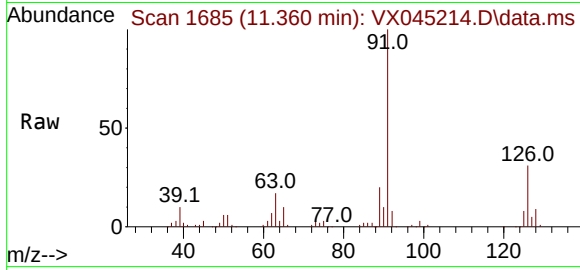
#79
2-Chlorotoluene
Concen: 18.427 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Tgt Ion: 91 Resp: 7433
Ion Ratio Lower Upper
91 100
126 32.2 16.4 49.4

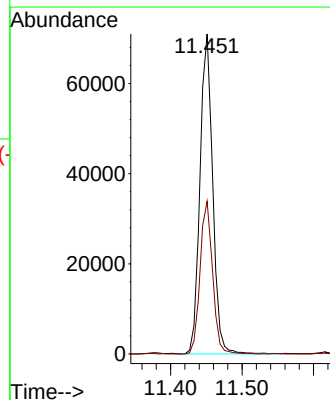
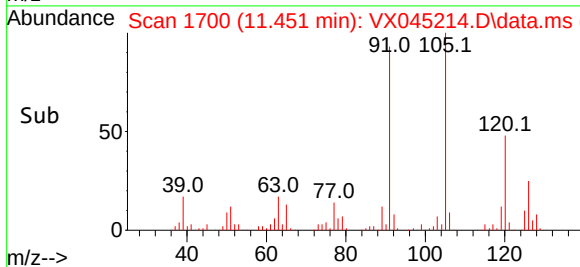
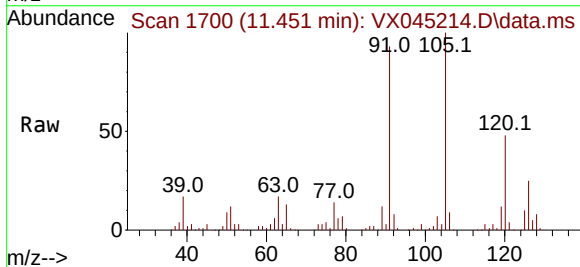
Manual Integrations
APPROVED

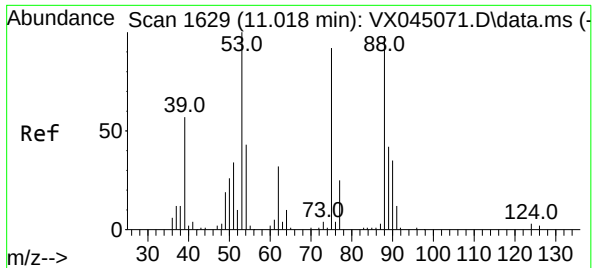
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.336 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

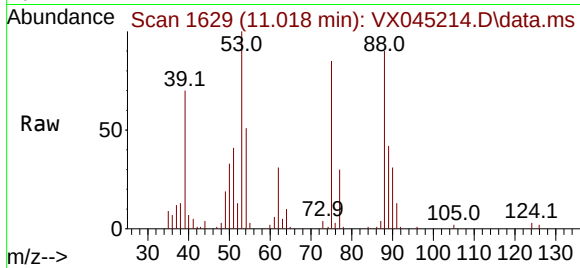
Tgt Ion:105 Resp: 87665
Ion Ratio Lower Upper
105 100
120 47.0 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 18.233 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

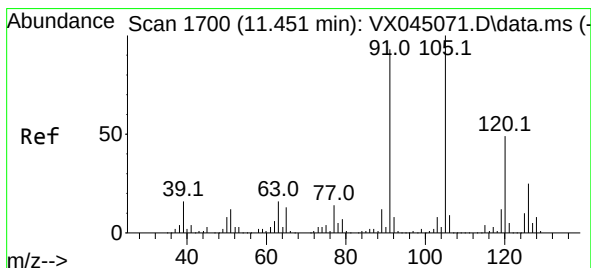
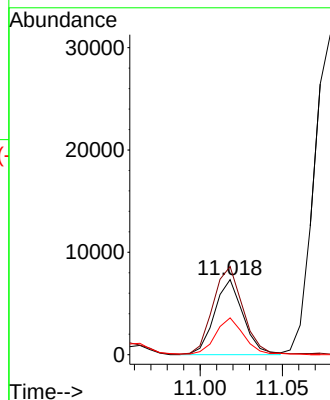
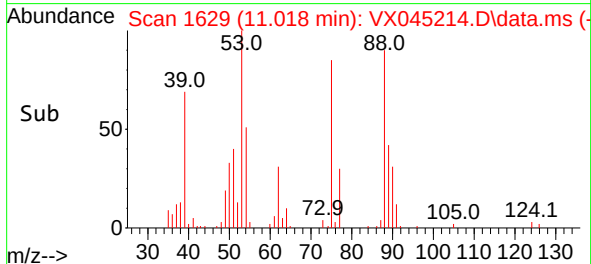
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01



Tgt Ion: 75 Resp: 8908
Ion Ratio Lower Upper
75 100
53 120.4 88.5 132.7
89 49.0 36.2 54.4

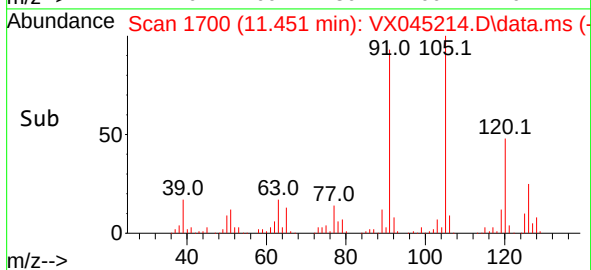
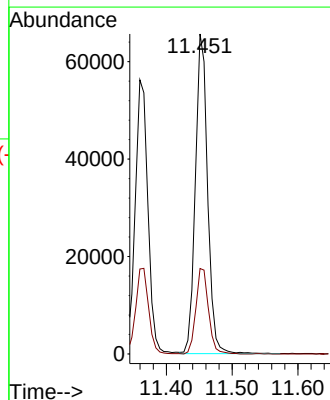
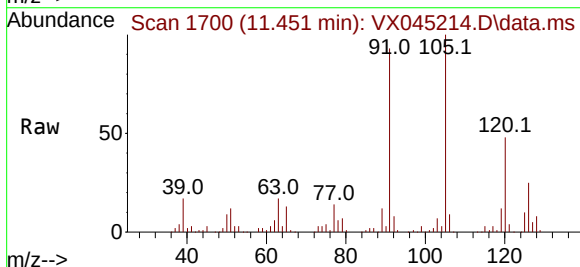
Manual Integrations
APPROVED

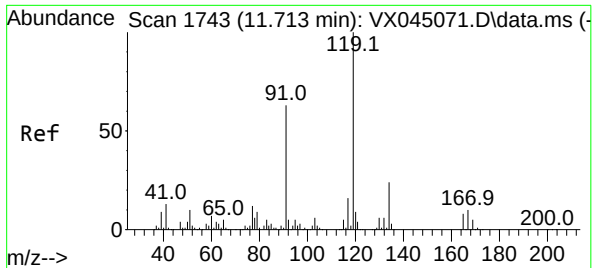
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#82
4-Chlorotoluene
Concen: 19.196 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

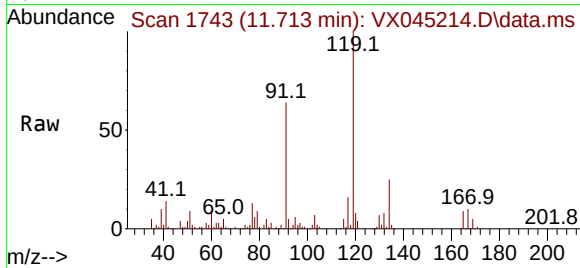
Tgt Ion: 91 Resp: 84393
Ion Ratio Lower Upper
91 100
126 27.6 14.1 42.4





#83
tert-Butylbenzene
Concen: 18.764 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

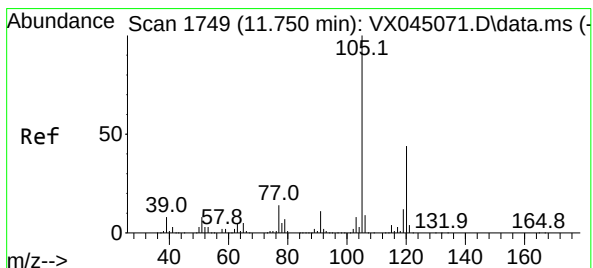
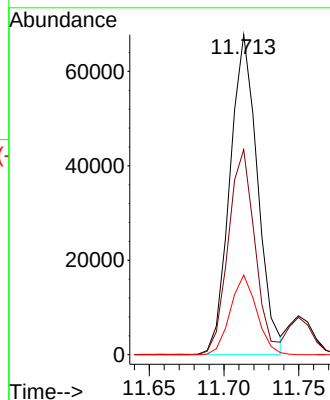
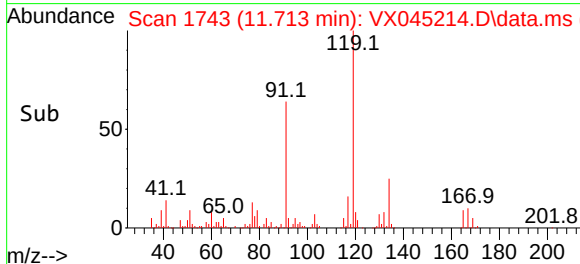
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01



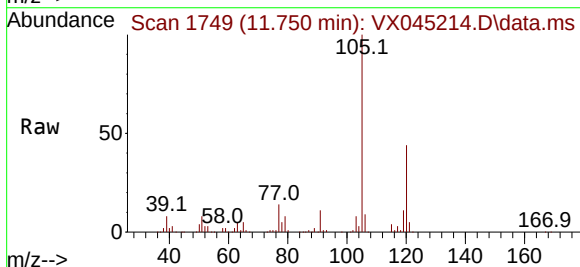
Tgt Ion:119 Resp: 87408
Ion Ratio Lower Upper
119 100
91 61.8 30.7 92.1
134 23.7 11.7 35.0

Manual Integrations
APPROVED

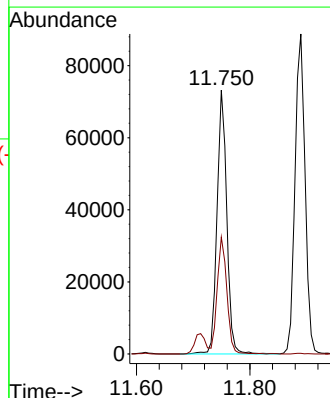
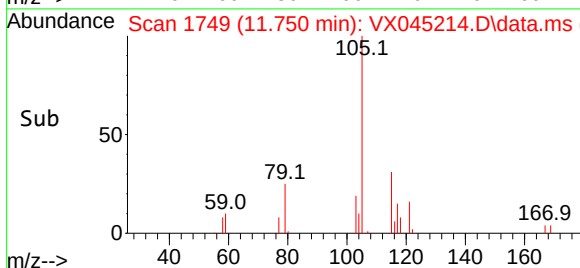
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

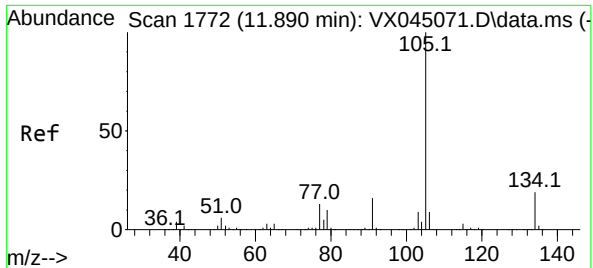


#84
1,2,4-Trimethylbenzene
Concen: 19.161 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14



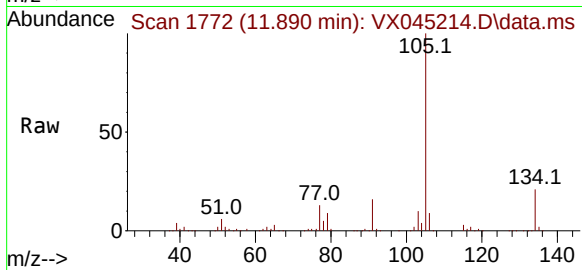
Tgt Ion:105 Resp: 87408
Ion Ratio Lower Upper
105 100
120 43.7 22.1 66.1





#85
 sec-Butylbenzene
 Concen: 19.595 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX045214.D
 Acq: 11 Mar 2025 11:14

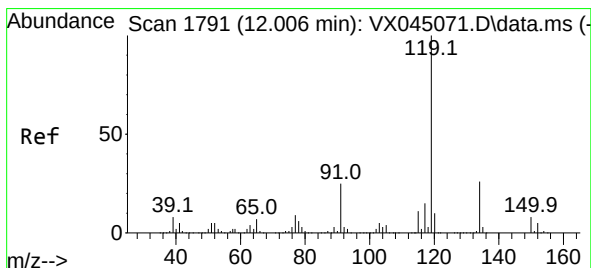
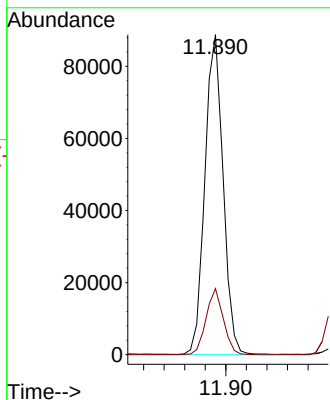
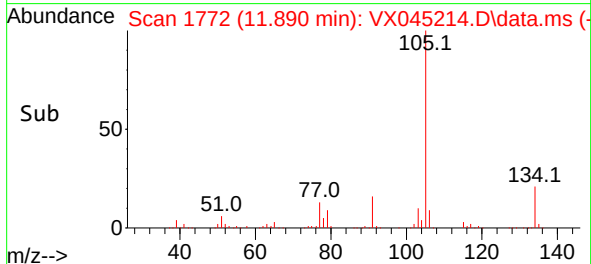
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBS01



Tgt Ion:105 Resp: 109340
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4

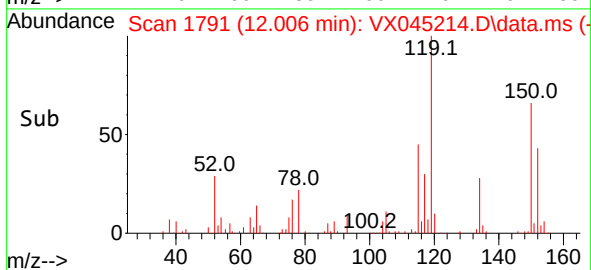
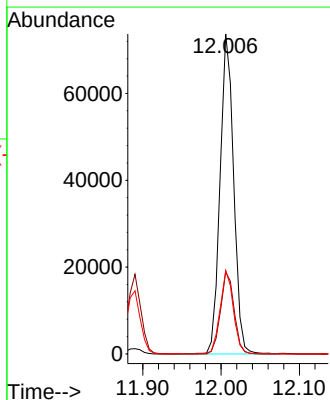
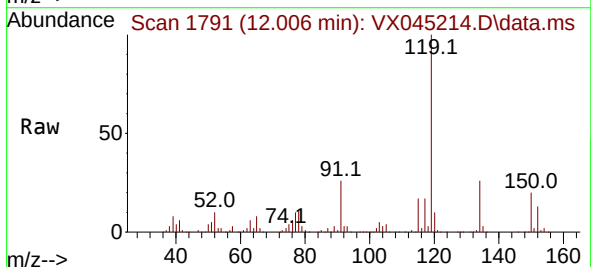
Manual Integrations
 APPROVED

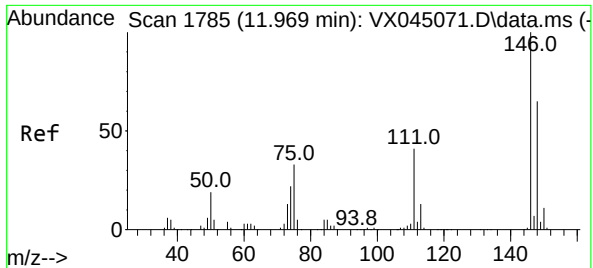
Reviewed By :John Carlone 03/12/2025
 Supervised By :Mahesh Dadoda 03/12/2025



#86
 p-Isopropyltoluene
 Concen: 19.784 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045214.D
 Acq: 11 Mar 2025 11:14

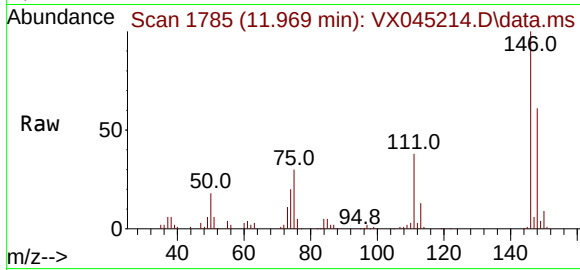
Tgt Ion:119 Resp: 89213
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.9 38.6
 91 25.5 12.7 38.0





#87
1,3-Dichlorobenzene
Concen: 19.261 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

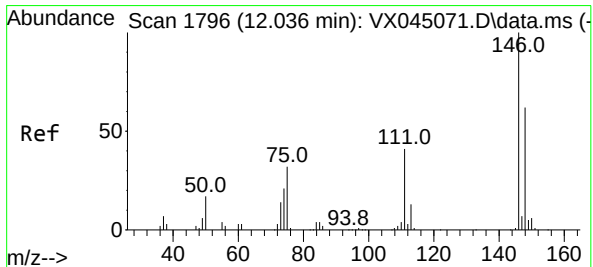
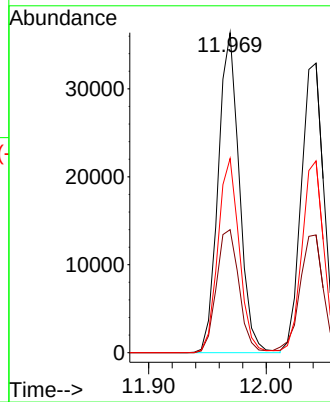
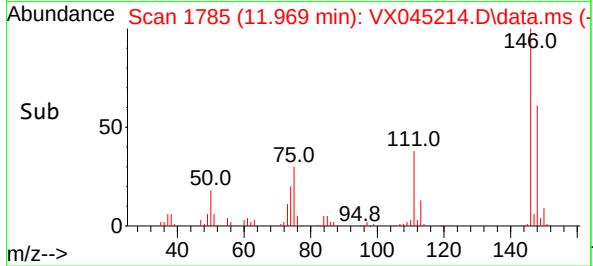
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01



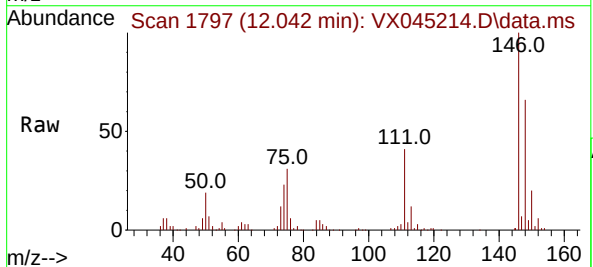
Tgt Ion:146 Resp: 45450
Ion Ratio Lower Upper
146 100
111 41.1 21.1 63.4
148 61.0 31.9 95.7

Manual Integrations
APPROVED

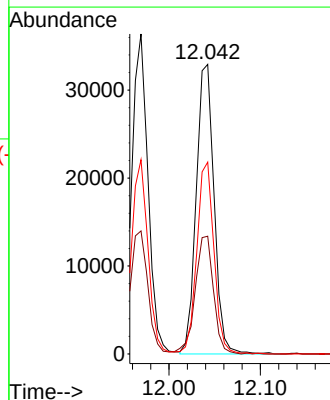
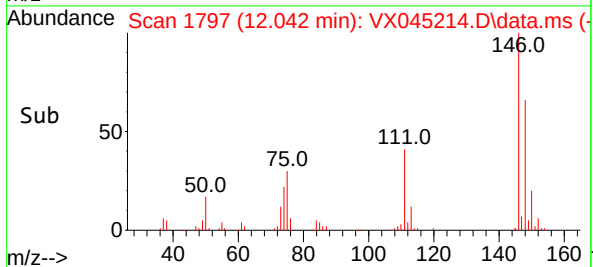
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

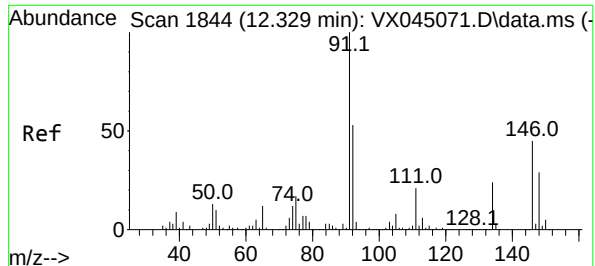


#88
1,4-Dichlorobenzene
Concen: 18.734 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14



Tgt Ion:146 Resp: 44731
Ion Ratio Lower Upper
146 100
111 42.0 20.2 60.5
148 63.7 31.9 95.9





#89

n-Butylbenzene

Concen: 19.837 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

Tgt Ion: 91 Resp: 7704

Ion Ratio Lower Upper

91 100

92 52.4 26.7 80.0

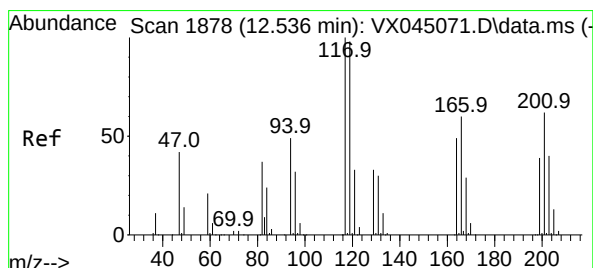
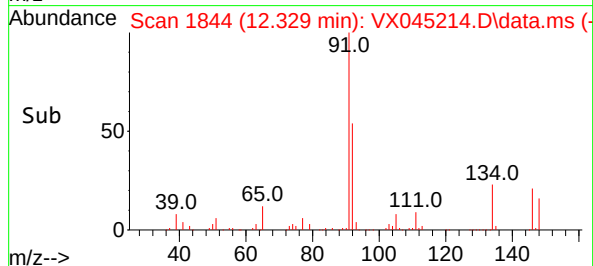
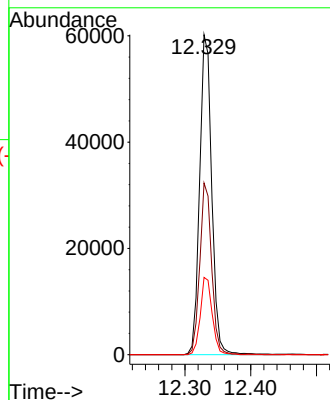
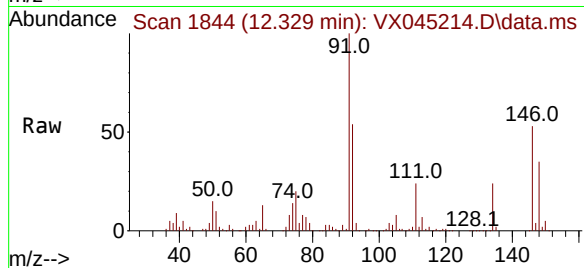
134 23.8 12.2 36.6

Manual Integrations

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Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#90

Hexachloroethane

Concen: 17.526 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX045214.D

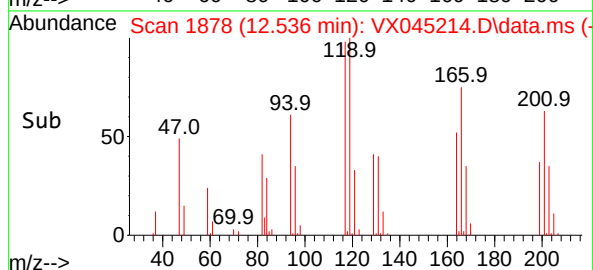
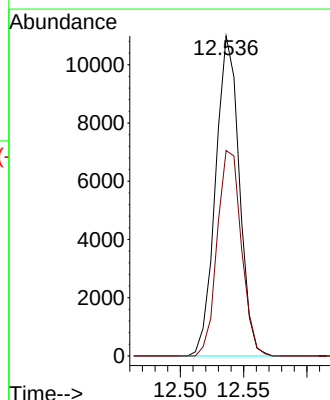
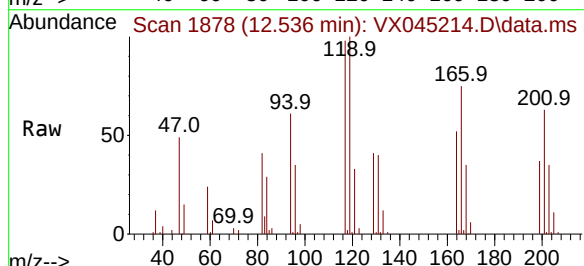
Acq: 11 Mar 2025 11:14

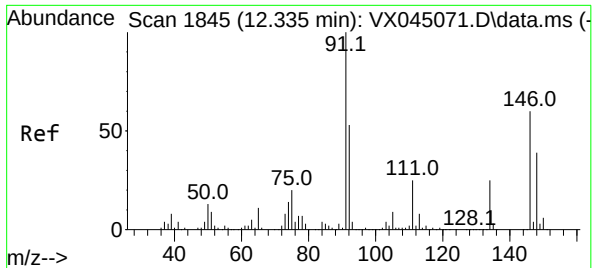
Tgt Ion:117 Resp: 14295

Ion Ratio Lower Upper

117 100

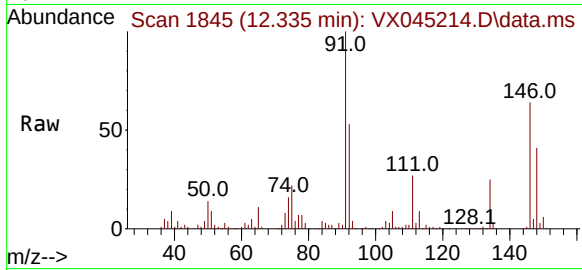
201 65.6 31.9 95.9





#91
1,2-Dichlorobenzene
Concen: 19.416 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

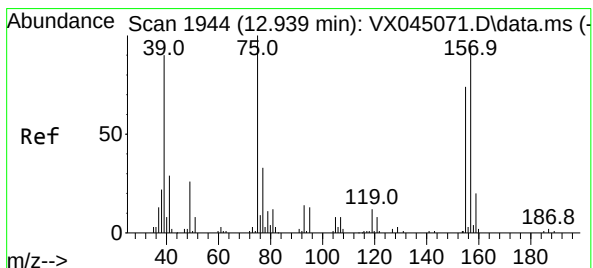
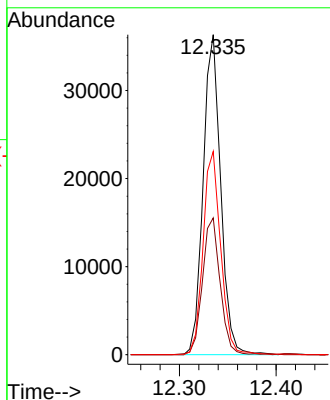
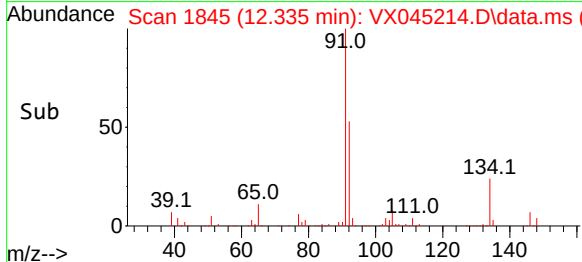
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01



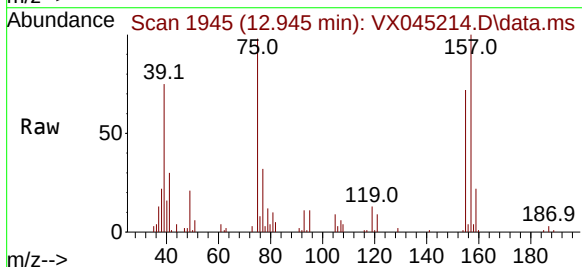
Tgt Ion:146 Resp: 45960
Ion Ratio Lower Upper
146 100
111 43.2 21.6 65.0
148 63.8 31.9 95.9

Manual Integrations
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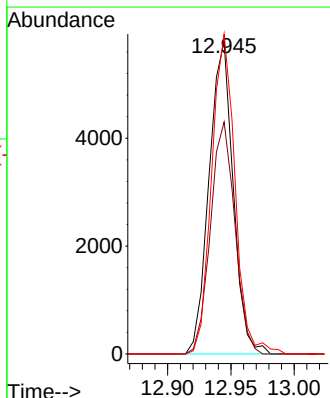
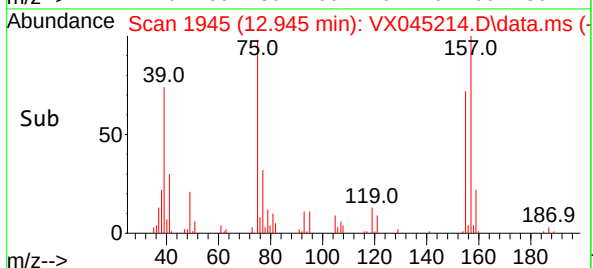
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

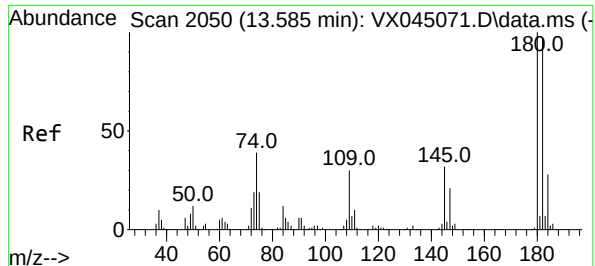


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.117 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14



Tgt Ion: 75 Resp: 7663
Ion Ratio Lower Upper
75 100
155 75.0 39.6 118.7
157 99.5 51.1 153.4





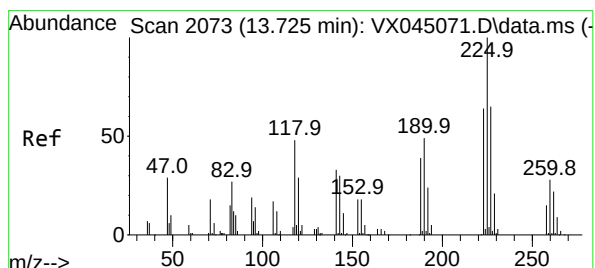
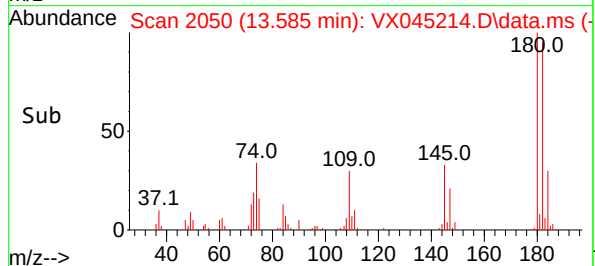
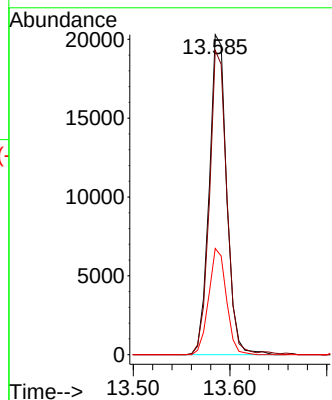
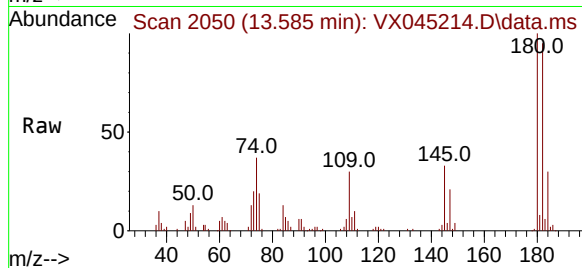
#93
1,2,4-Trichlorobenzene
Concen: 18.873 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Tgt Ion:180 Resp: 2544
Ion Ratio Lower Upper
180 100
182 94.4 47.3 141.9
145 33.6 16.3 48.9

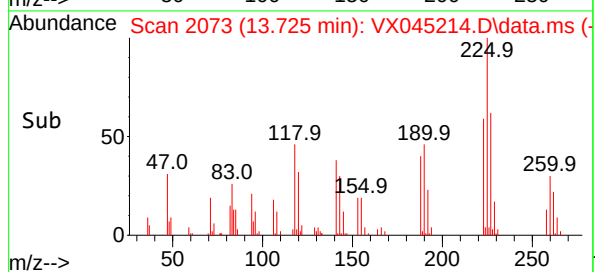
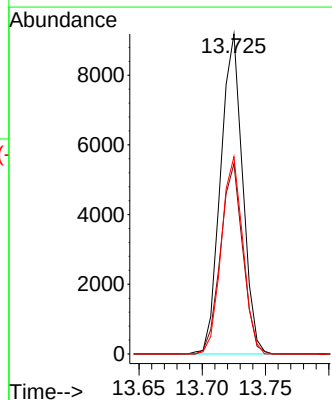
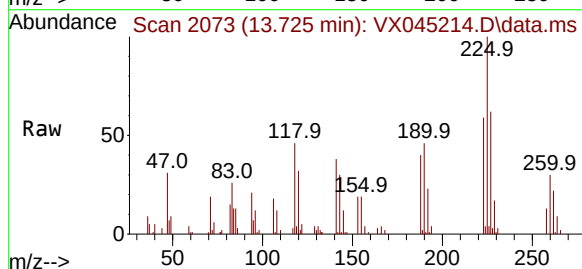
Manual Integrations
APPROVED

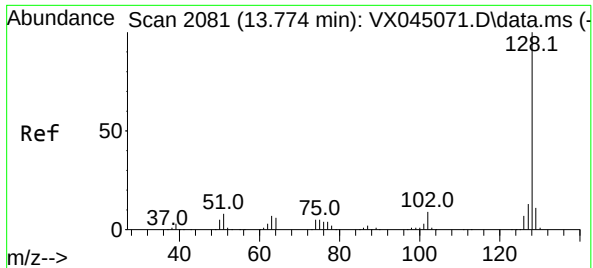
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#94
Hexachlorobutadiene
Concen: 20.075 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

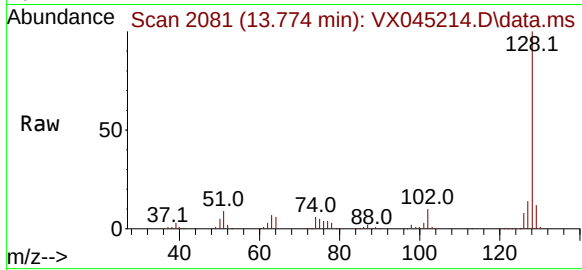
Tgt Ion:225 Resp: 11095
Ion Ratio Lower Upper
225 100
223 59.7 31.9 95.7
227 60.4 31.4 94.0





#95
Naphthalene
Concen: 18.846 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

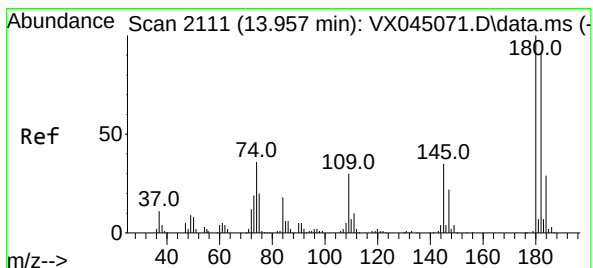
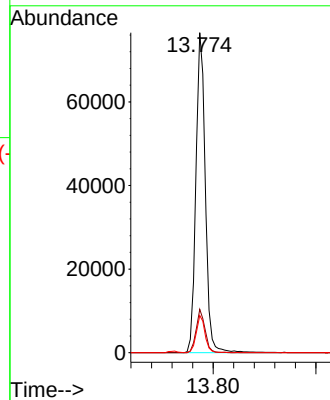
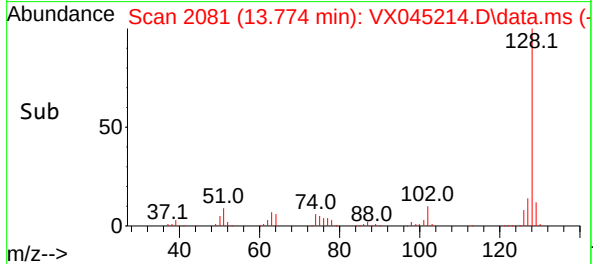
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01



Tgt Ion:128 Resp: 9761
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.7 13.1

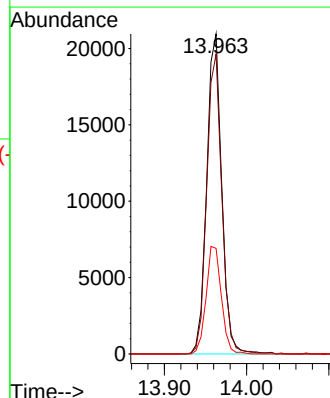
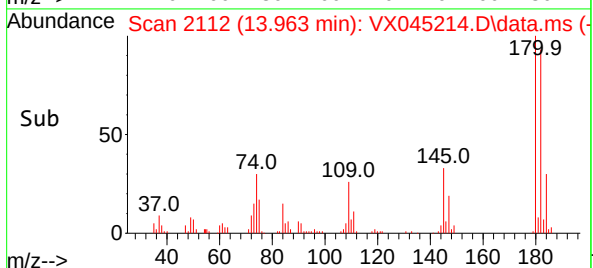
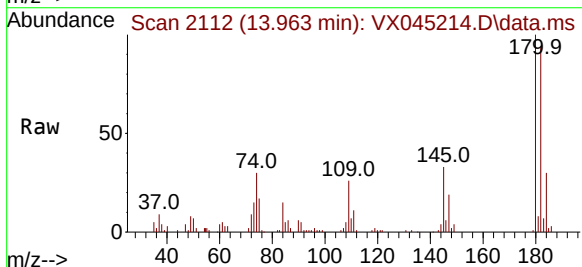
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.685 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

Tgt Ion:180 Resp: 26572
Ion Ratio Lower Upper
180 100
182 94.4 47.5 142.6
145 34.2 17.0 50.9



Report of Analysis

Client:	G Environmental		Date Collected:	
Project:	DPW		Date Received:	
Client Sample ID:	VX0311WBSD01		SDG No.:	Q1525
Lab Sample ID:	VX0311WBSD01		Matrix:	Water
Analytical Method:	SW8260		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045215.D	1		03/11/25 11:40	VX031125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
74-87-3	Chloromethane	17.9		0.35	1.00	ug/L
75-01-4	Vinyl Chloride	16.9		0.34	1.00	ug/L
74-83-9	Bromomethane	19.1		1.40	5.00	ug/L
75-00-3	Chloroethane	19.7		0.56	1.00	ug/L
75-65-0	Tert butyl alcohol	84.1		5.60	25.0	ug/L
75-35-4	1,1-Dichloroethene	18.4		0.26	1.00	ug/L
67-64-1	Acetone	96.0		1.40	5.00	ug/L
75-15-0	Carbon Disulfide	16.4		0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.3		0.16	1.00	ug/L
75-09-2	Methylene Chloride	19.2		0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.2		0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.2		0.23	1.00	ug/L
78-93-3	2-Butanone	100		1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.4		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.2		0.25	1.00	ug/L
67-66-3	Chloroform	19.5		0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.2		0.19	1.00	ug/L
71-43-2	Benzene	19.2		0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.9		0.24	1.00	ug/L
79-01-6	Trichloroethene	19.0		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.1		0.19	1.00	ug/L
75-27-4	Bromodichloromethane	19.8		0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.75	5.00	ug/L
108-88-3	Toluene	19.8		0.18	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	20.1		0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.1		0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.0		0.21	1.00	ug/L
591-78-6	2-Hexanone	110		1.10	5.00	ug/L
124-48-1	Dibromochloromethane	19.9		0.18	1.00	ug/L
127-18-4	Tetrachloroethene	19.3		0.25	1.00	ug/L

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	DPW	Date Received:	
Client Sample ID:	VX0311WBSD01	SDG No.:	Q1525
Lab Sample ID:	VX0311WBSD01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045215.D	1		03/11/25 11:40	VX031125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	19.6		0.13	1.00	ug/L
100-41-4	Ethyl Benzene	19.7		0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	39.9		0.31	2.00	ug/L
95-47-6	o-Xylene	20.2		0.14	1.00	ug/L
100-42-5	Styrene	20.5		0.16	1.00	ug/L
75-25-2	Bromoform	20.3		0.21	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.7		0.27	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.1		70 (74) - 130 (125)	102%	SPK: 50
1868-53-7	Dibromofluoromethane	51.0		70 (75) - 130 (124)	102%	SPK: 50
2037-26-5	Toluene-d8	50.7		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.4		70 (77) - 130 (121)	109%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	92100	5.544			
540-36-3	1,4-Difluorobenzene	166000	6.757			
3114-55-4	Chlorobenzene-d5	149000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	68900	12.018			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
 Data File : VX045215.D
 Acq On : 11 Mar 2025 11:40
 Operator : JC/MD
 Sample : VX0311WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/12/2025
 Supervised By : Mahesh Dadoda 03/12/2025

Quant Time: Mar 12 01:44:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	92082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	166231	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	148942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	68861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	74856	51.107	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.220%			
35) Dibromofluoromethane	5.379	113	56645	50.961	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.920%			
50) Toluene-d8	8.647	98	204141	50.659	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.320%			
62) 4-Bromofluorobenzene	11.079	95	72695	54.440	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.880%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	22434	19.355	ug/l	93
3) Chloromethane	1.307	50	25404	17.909	ug/l	98
4) Vinyl Chloride	1.374	62	23820	16.928	ug/l	95
5) Bromomethane	1.593	94	10572	19.112	ug/l	100
6) Chloroethane	1.666	64	12761	19.661	ug/l	88
7) Trichlorofluoromethane	1.867	101	34778	18.670	ug/l	96
8) Diethyl Ether	2.130	74	12910	17.718	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.312	101	22149	20.696	ug/l	99
10) Methyl Iodide	2.440	142	25294	18.912	ug/l	96
11) Tert butyl alcohol	2.977	59	23337	84.116	ug/l	100
12) 1,1-Dichloroethene	2.306	96	20823	18.403	ug/l	98
13) Acrolein	2.233	56	25369	79.103	ug/l	99
14) Allyl chloride	2.654	41	39210	19.468	ug/l	98
15) Acrylonitrile	3.062	53	75766	101.896	ug/l	100
16) Acetone	2.386	43	65266	96.039	ug/l	98
17) Carbon Disulfide	2.501	76	49556	16.444	ug/l	99
18) Methyl Acetate	2.703	43	37547	22.967	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	73152	19.270	ug/l	100
20) Methylene Chloride	2.782	84	25802	19.167	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	21427	19.168	ug/l	93
22) Diisopropyl ether	3.757	45	79872	19.499	ug/l #	81
23) Vinyl Acetate	3.721	43	341251	99.830	ug/l	100
24) 1,1-Dichloroethane	3.605	63	43990	19.162	ug/l	97
25) 2-Butanone	4.556	43	105263	102.904	ug/l	98
26) 2,2-Dichloropropane	4.465	77	29182	27.101	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	26511	19.212	ug/l	96
28) Bromochloromethane	4.897	49	21801	19.924	ug/l	98
29) Tetrahydrofuran	5.007	42	67355	98.050	ug/l	99
30) Chloroform	5.086	83	44426	19.477	ug/l	98
31) Cyclohexane	5.458	56	37985	19.062	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	35413	19.223	ug/l	98
36) 1,1-Dichloropropene	5.684	75	28849	18.925	ug/l	99
37) Ethyl Acetate	4.714	43	36207	18.433	ug/l	98
38) Carbon Tetrachloride	5.672	117	29989	19.378	ug/l	94
39) Methylcyclohexane	7.373	83	36647	20.064	ug/l	97
40) Benzene	6.031	78	92458	19.208	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
 Data File : VX045215.D
 Acq On : 11 Mar 2025 11:40
 Operator : JC/MD
 Sample : VX0311WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/12/2025
 Supervised By : Mahesh Dadoda 03/12/2025

Quant Time: Mar 12 01:44:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	21766	20.493	ug/l	98
42) 1,2-Dichloroethane	6.086	62	34432	19.864	ug/l	100
43) Isopropyl Acetate	6.342	43	57873	19.925	ug/l	100
44) Trichloroethene	7.123	130	21499	19.021	ug/l	100
45) 1,2-Dichloropropane	7.427	63	23603	19.071	ug/l	93
46) Dibromomethane	7.580	93	17341	19.824	ug/l	99
47) Bromodichloromethane	7.818	83	33921	19.769	ug/l	99
48) Methyl methacrylate	7.696	41	29960	20.560	ug/l	98
49) 1,4-Dioxane	7.665	88	11450	372.504	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	212449	108.934	ug/l	99
52) Toluene	8.714	92	56008	19.831	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	28894	20.143	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	33564	20.066	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	23281	20.024	ug/l	99
56) Ethyl methacrylate	9.116	69	37256	21.080	ug/l	98
57) 1,3-Dichloropropane	9.305	76	41547	20.649	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	84737	98.289	ug/l	99
59) 2-Hexanone	9.427	43	154662	109.453	ug/l	99
60) Dibromochloromethane	9.518	129	24209	19.914	ug/l	99
61) 1,2-Dibromoethane	9.610	107	23982	20.662	ug/l	98
64) Tetrachloroethene	9.269	164	18450	19.341	ug/l	94
65) Chlorobenzene	10.079	112	61875	19.633	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.159	131	19978	19.035	ug/l	97
67) Ethyl Benzene	10.189	91	108234	19.710	ug/l	98
68) m/p-Xylenes	10.299	106	80292	39.941	ug/l	97
69) o-Xylene	10.640	106	40924	20.185	ug/l	98
70) Styrene	10.652	104	67151	20.469	ug/l	99
71) Bromoform	10.799	173	16098	20.340	ug/l #	99
73) Isopropylbenzene	10.957	105	104215	19.390	ug/l	99
74) N-amyl acetate	10.841	43	49701	19.707	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	38763	19.653	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	30828m	19.234	ug/l	
77) Bromobenzene	11.195	156	24637	19.428	ug/l	97
78) n-propylbenzene	11.305	91	121031	19.934	ug/l	99
79) 2-Chlorotoluene	11.360	91	74800	19.344	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	87336	20.096	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8951	19.112	ug/l	92
82) 4-Chlorotoluene	11.451	91	84411	20.030	ug/l	100
83) tert-Butylbenzene	11.713	119	86368	19.342	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	87556	20.023	ug/l	100
85) sec-Butylbenzene	11.890	105	109529	20.477	ug/l	99
86) p-Isopropyltoluene	12.006	119	88543	20.483	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	44375	19.615	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	43983	19.217	ug/l	98
89) n-Butylbenzene	12.329	91	76829	20.636	ug/l	99
90) Hexachloroethane	12.536	117	14287	18.273	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	44841	19.759	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7436	19.352	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	25138	19.453	ug/l	97
94) Hexachlorobutadiene	13.725	225	10532	19.880	ug/l	98
95) Naphthalene	13.774	128	95200	19.175	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	26292	19.287	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
Data File : VX045215.D
Acq On : 11 Mar 2025 11:40
Operator : JC/MD
Sample : VX0311WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

Quant Time: Mar 12 01:44:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

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

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

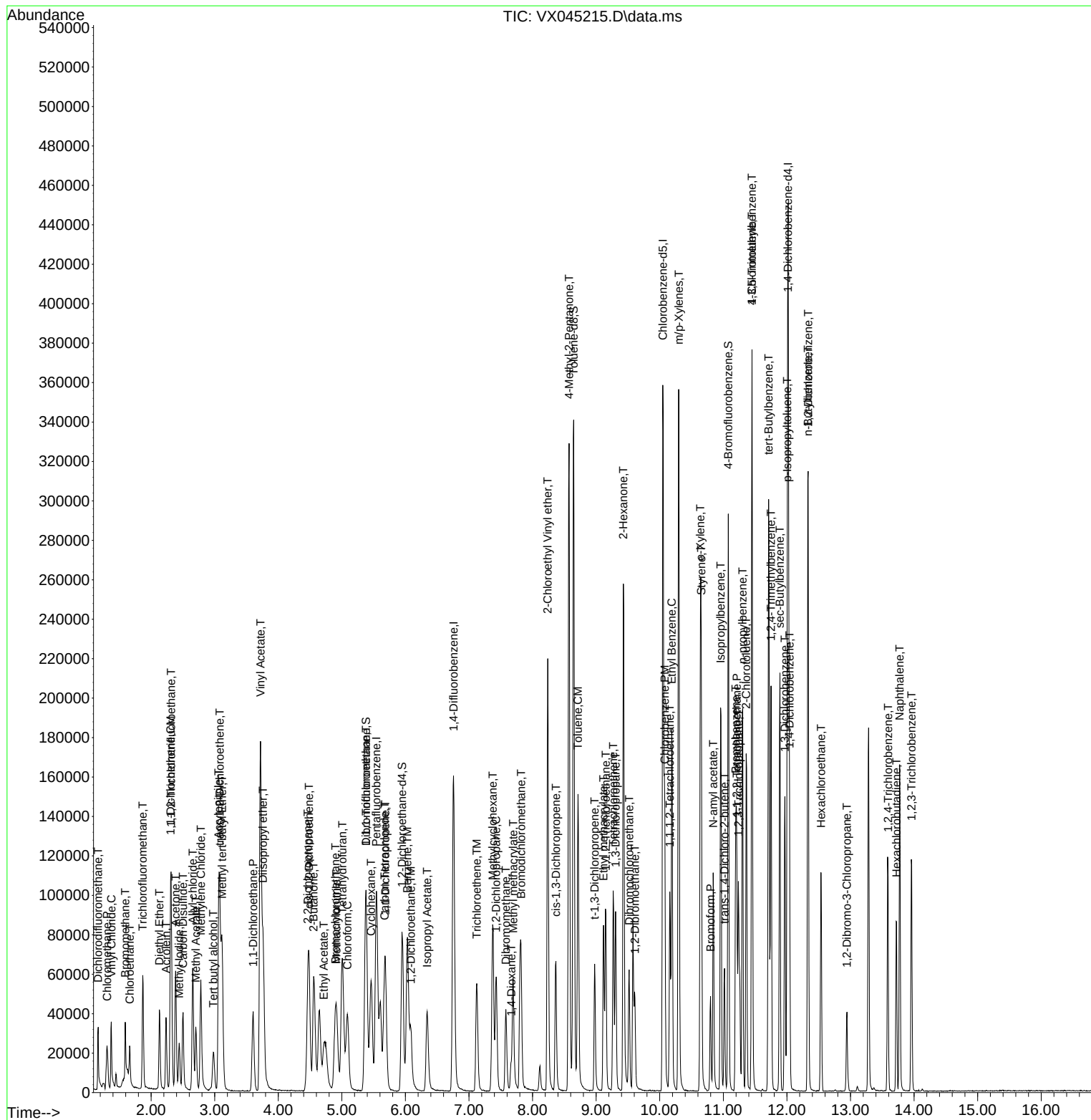
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Data File : VX045215.D
Acq On : 11 Mar 2025 11:40
Operator : JC/MD
Sample : VX0311WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

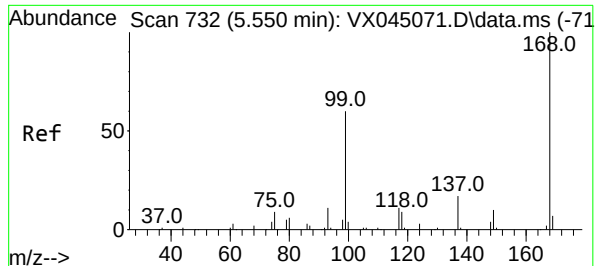
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

Quant Time: Mar 12 01:44:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration





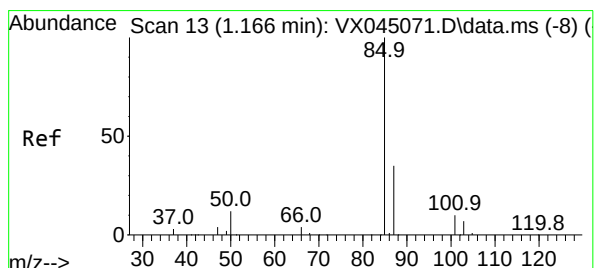
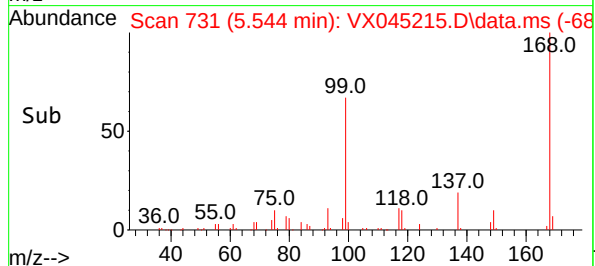
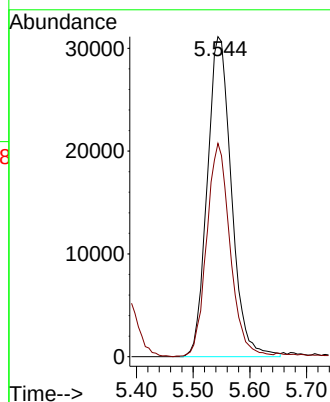
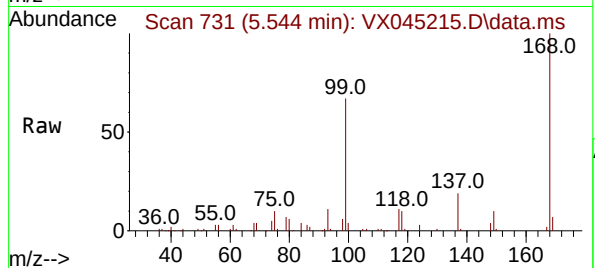
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

Tgt Ion:168 Resp: 9208
Ion Ratio Lower Upper
168 100
99 66.5 48.2 72.4

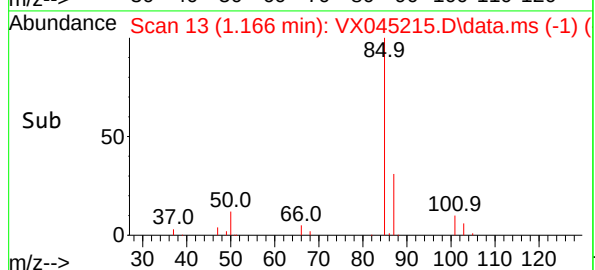
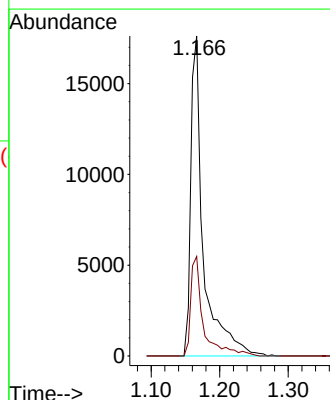
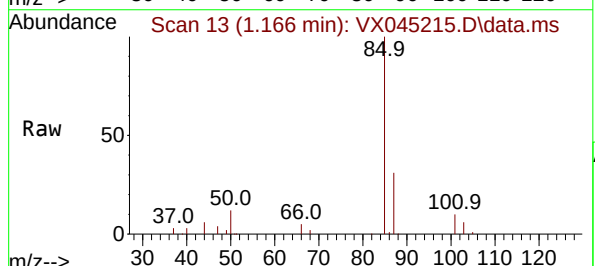
Manual Integrations
APPROVED

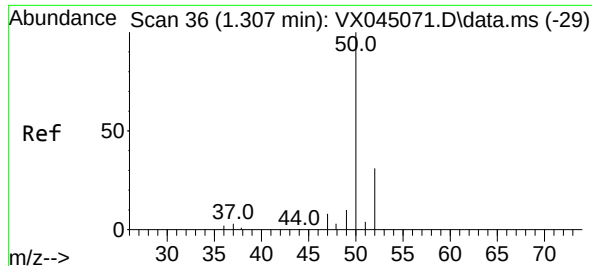
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#2
Dichlorodifluoromethane
Concen: 19.355 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

Tgt Ion: 85 Resp: 22434
Ion Ratio Lower Upper
85 100
87 31.1 17.4 52.3





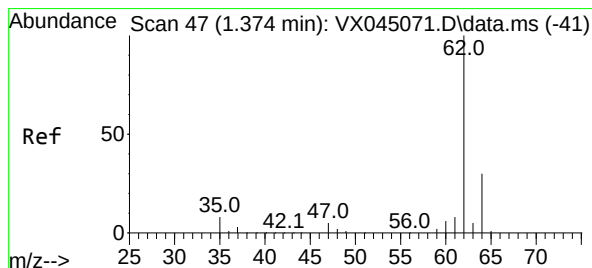
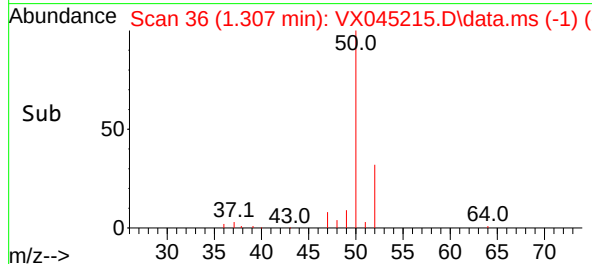
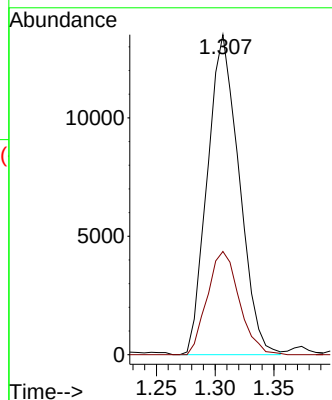
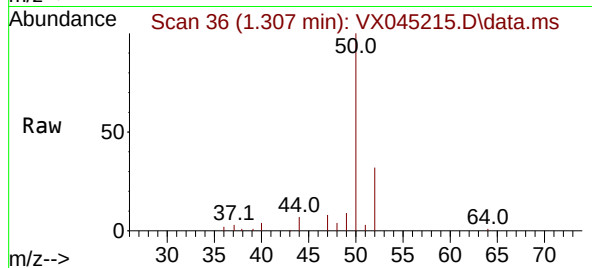
#3
Chloromethane
Concen: 17.909 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

Tgt Ion: 50 Resp: 25404
Ion Ratio Lower Upper
50 100
52 32.3 25.0 37.4

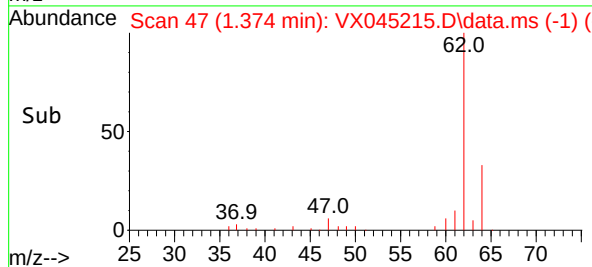
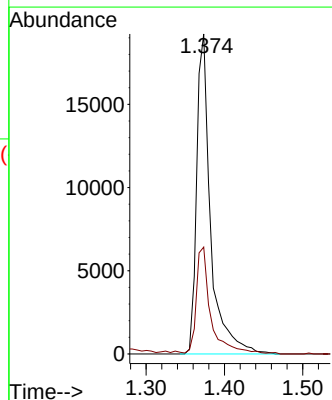
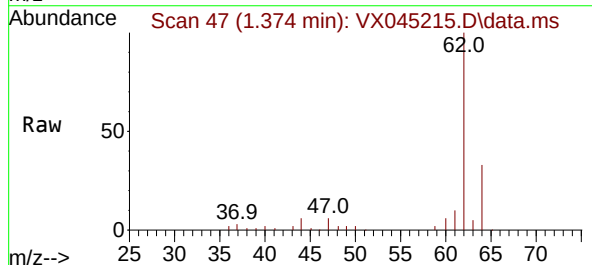
Manual Integrations
APPROVED

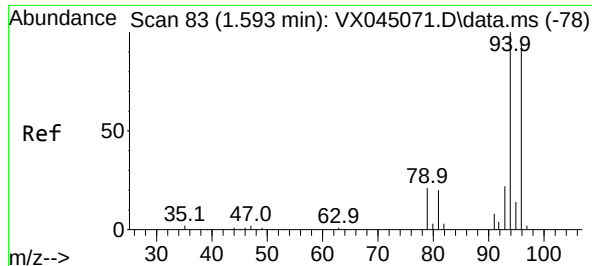
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#4
Vinyl Chloride
Concen: 16.928 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

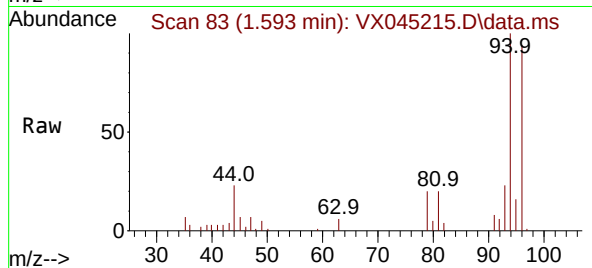
Tgt Ion: 62 Resp: 23820
Ion Ratio Lower Upper
62 100
64 33.4 24.3 36.5





#5
Bromomethane
Concen: 19.112 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

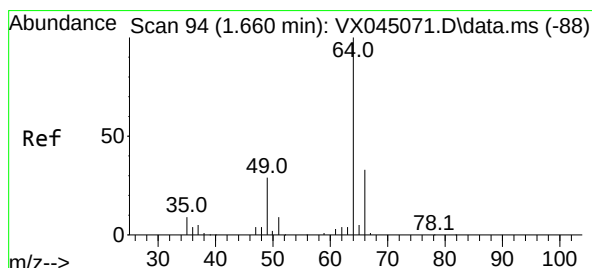
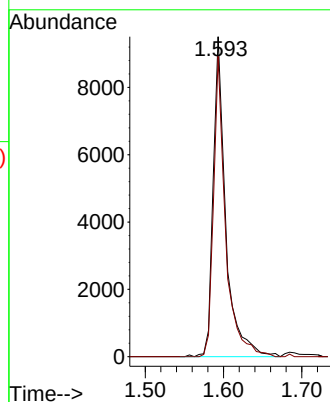
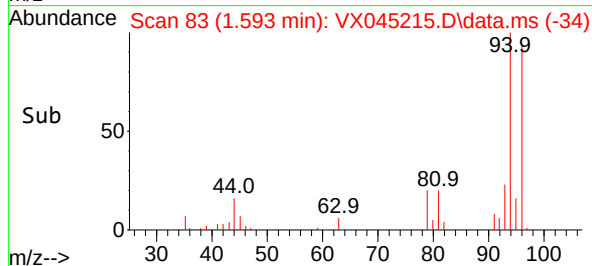
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01



Tgt Ion: 94 Resp: 10572
Ion Ratio Lower Upper
94 100
96 93.8 75.0 112.4

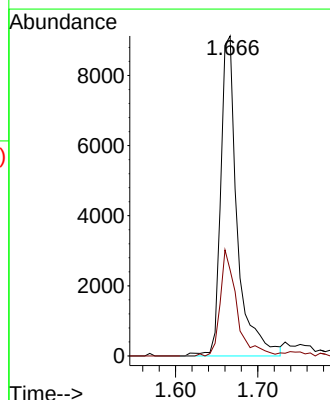
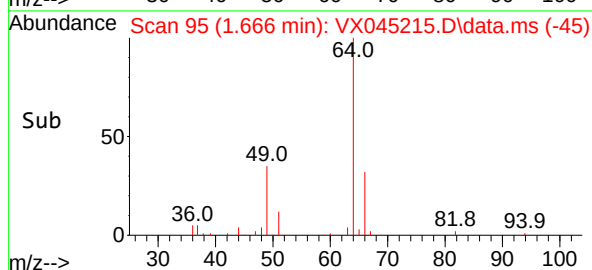
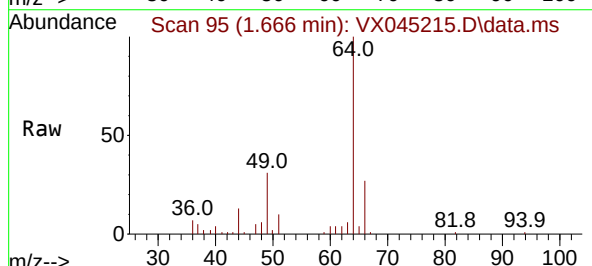
Manual Integrations
APPROVED

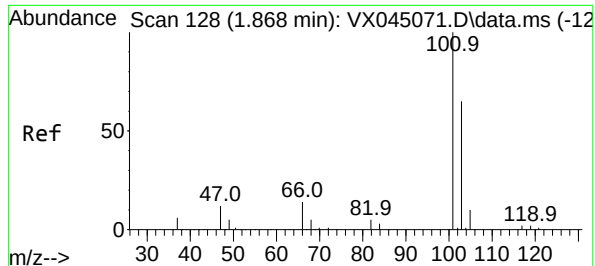
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#6
Chloroethane
Concen: 19.661 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

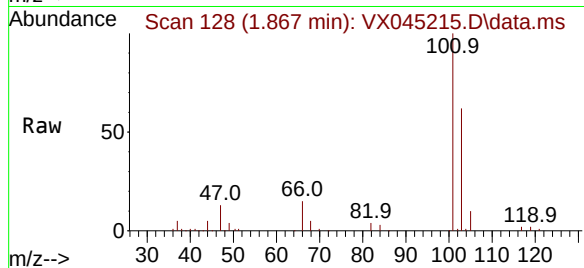
Tgt Ion: 64 Resp: 12761
Ion Ratio Lower Upper
64 100
66 26.8 26.7 40.1





#7
Trichlorofluoromethane
Concen: 18.670 ug/l
RT: 1.867 min Scan# 110
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

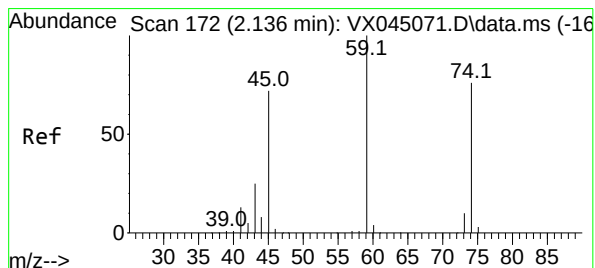
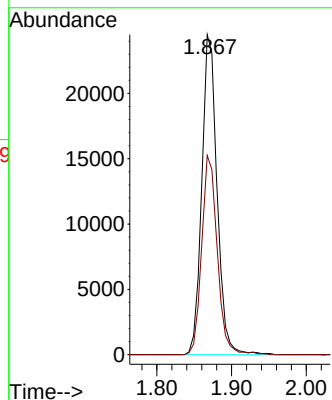
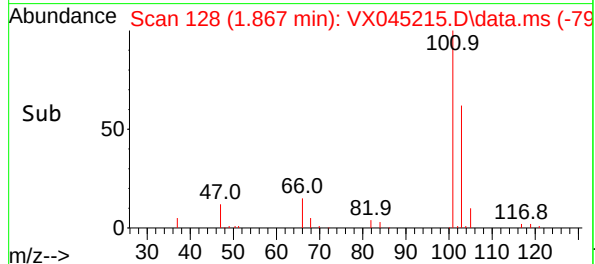
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01



Tgt Ion:101 Resp: 34778
Ion Ratio Lower Upper
101 100
103 62.3 52.1 78.1

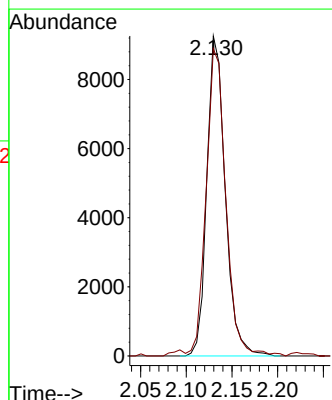
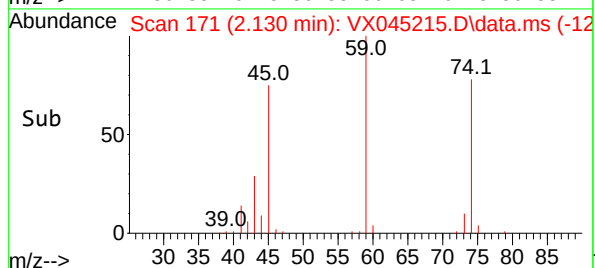
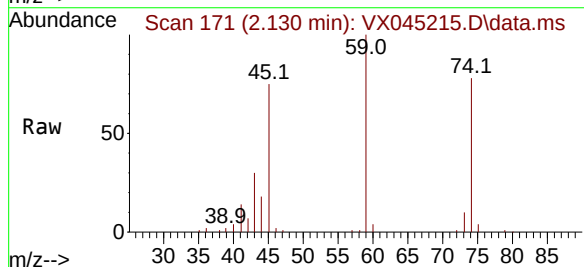
Manual Integrations
APPROVED

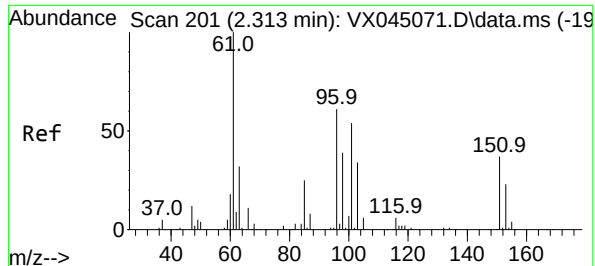
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#8
Diethyl Ether
Concen: 17.718 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

Tgt Ion: 74 Resp: 12910
Ion Ratio Lower Upper
74 100
45 104.1 51.5 154.5





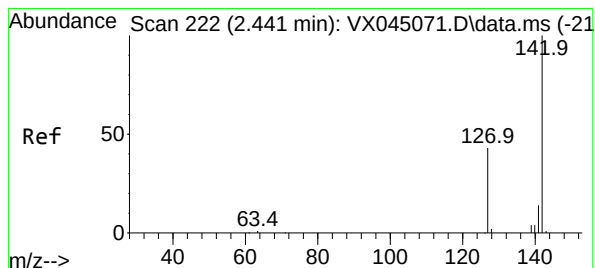
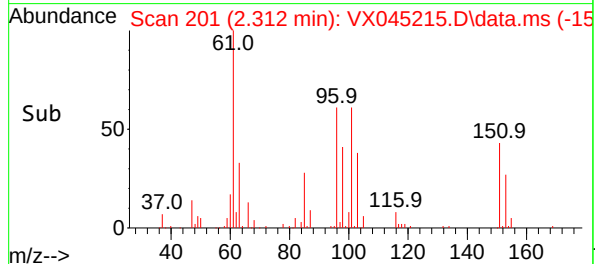
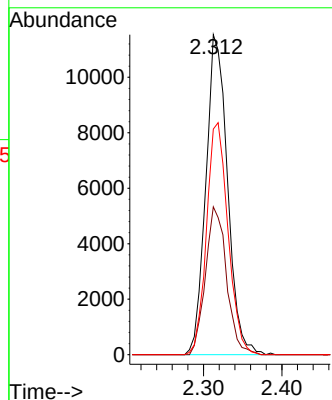
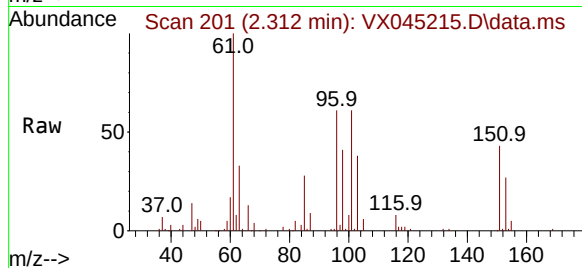
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.696 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

Tgt Ion:101 Resp: 22149
Ion Ratio Lower Upper
101 100
85 45.0 36.2 54.4
151 71.9 56.4 84.6

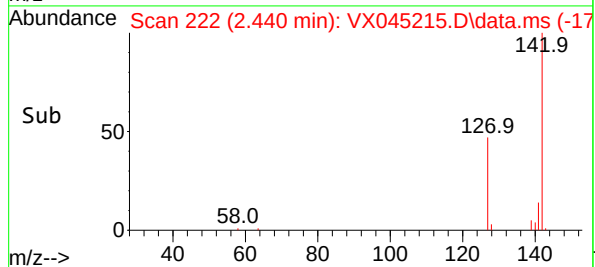
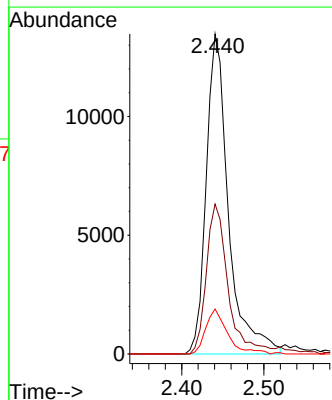
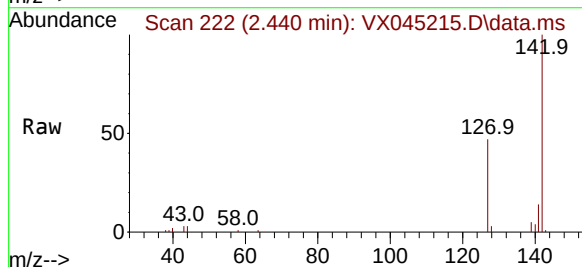
Manual Integrations
APPROVED

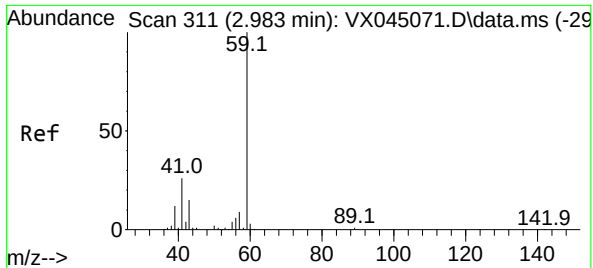
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#10
Methyl Iodide
Concen: 18.912 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

Tgt Ion:142 Resp: 25294
Ion Ratio Lower Upper
142 100
127 47.6 35.4 53.2
141 13.9 11.6 17.4





#11

Tert butyl alcohol

Concen: 84.116 ug/l

RT: 2.977 min Scan# 311

Delta R.T. -0.006 min

Lab File: VX045215.D

Acq: 11 Mar 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

Tgt Ion: 59 Resp: 2333

Ion Ratio Lower Upper

59 100

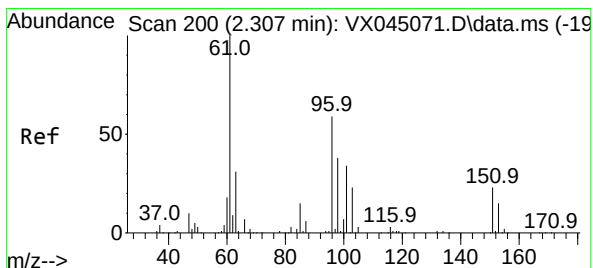
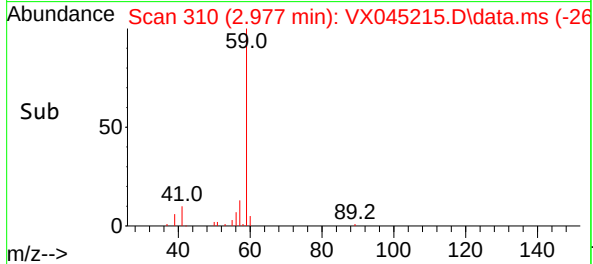
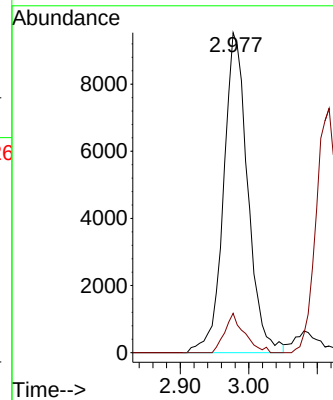
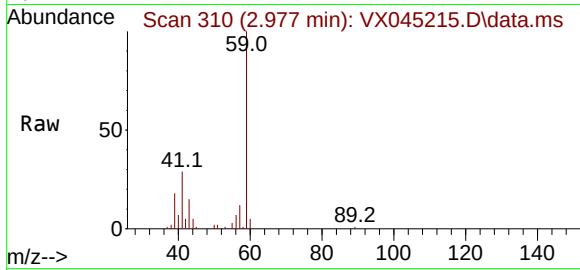
57 9.9 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#12

1,1-Dichloroethene

Concen: 18.403 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.000 min

Lab File: VX045215.D

Acq: 11 Mar 2025 11:40

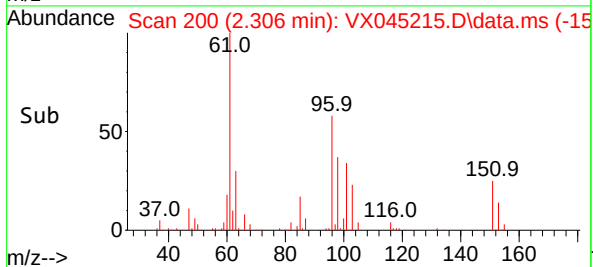
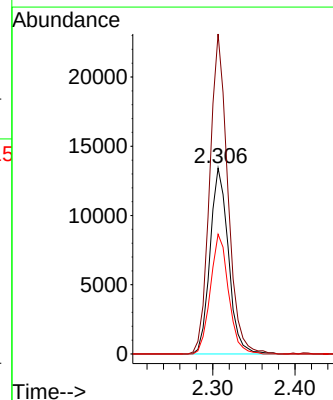
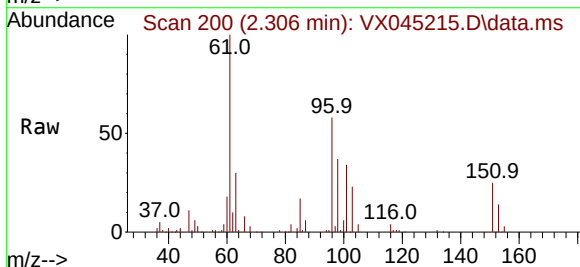
Tgt Ion: 96 Resp: 20823

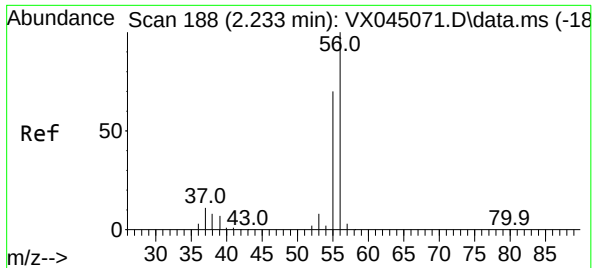
Ion Ratio Lower Upper

96 100

61 172.1 134.6 202.0

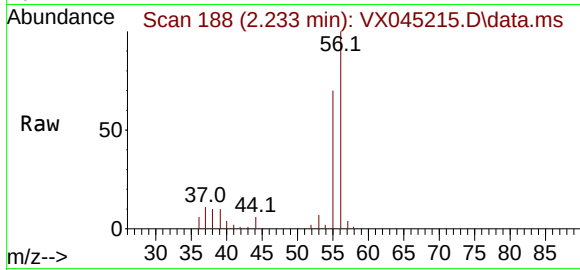
98 64.4 51.0 76.6





#13
Acrolein
Concen: 79.103 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

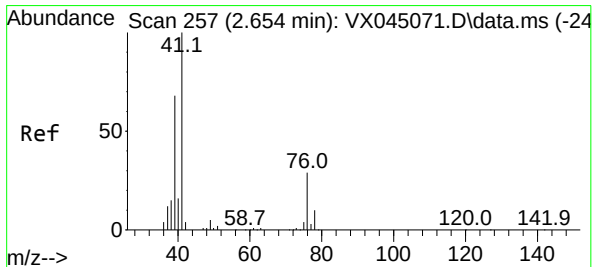
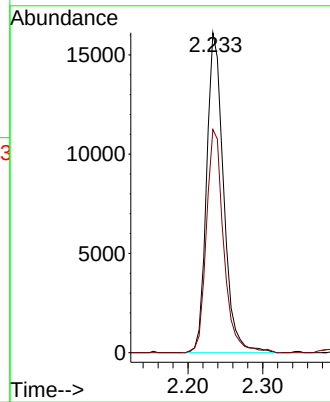
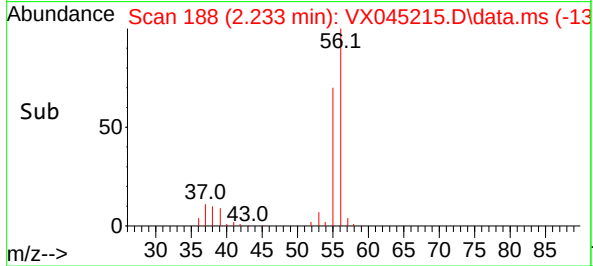
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01



Tgt Ion: 56 Resp: 25369
Ion Ratio Lower Upper
56 100
55 71.3 56.2 84.4

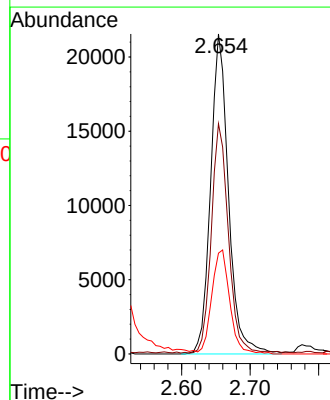
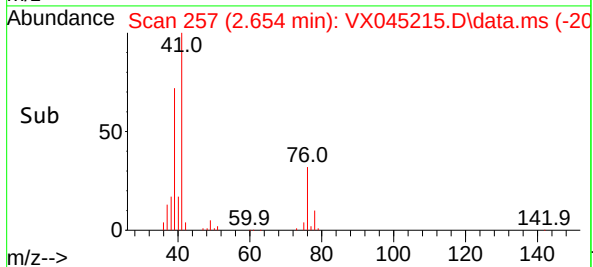
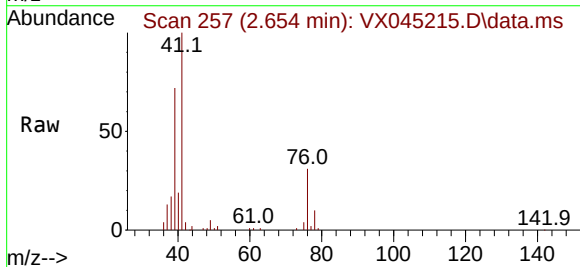
Manual Integrations
APPROVED

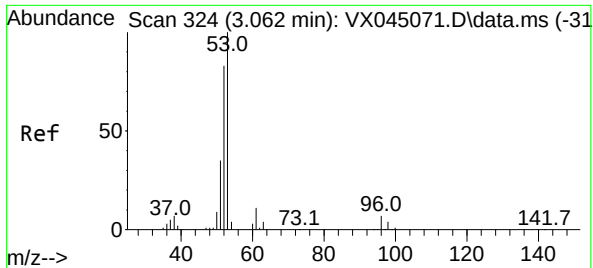
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#14
Allyl chloride
Concen: 19.468 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

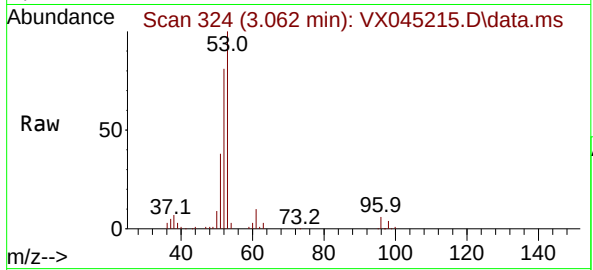
Tgt Ion: 41 Resp: 39210
Ion Ratio Lower Upper
41 100
39 68.5 53.8 80.8
76 32.6 25.2 37.8





#15
Acrylonitrile
Concen: 101.896 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

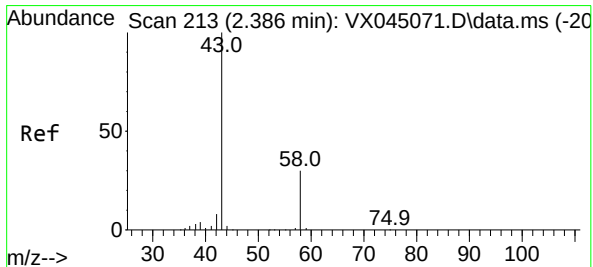
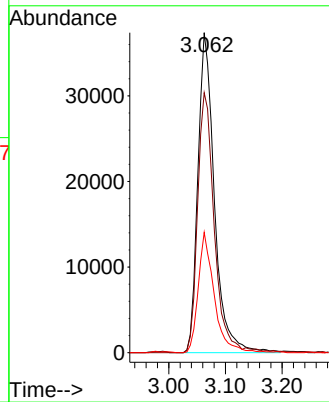
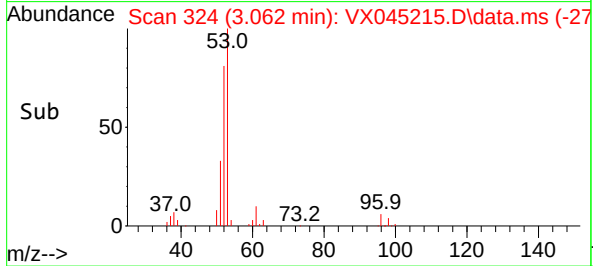
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01



Tgt Ion: 53 Resp: 75760
Ion Ratio Lower Upper
53 100
52 82.4 66.2 99.2
51 36.4 29.0 43.4

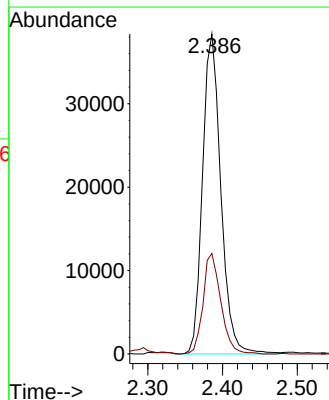
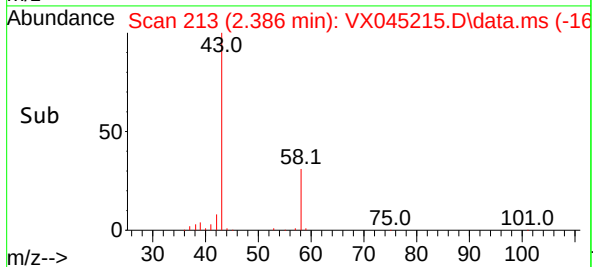
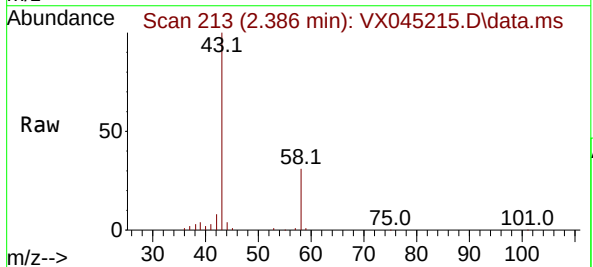
Manual Integrations
APPROVED

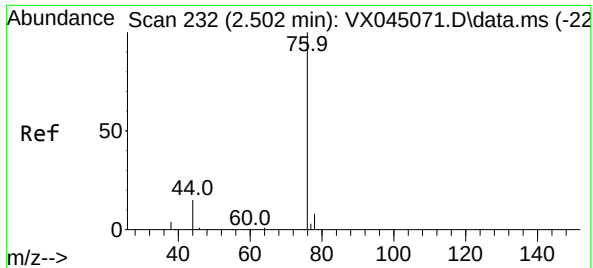
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#16
Acetone
Concen: 96.039 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

Tgt Ion: 43 Resp: 65266
Ion Ratio Lower Upper
43 100
58 31.4 24.2 36.4





#17

Carbon Disulfide

Concen: 16.444 ug/l

RT: 2.501 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX045215.D

Acq: 11 Mar 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

Tgt Ion: 76 Resp: 4955

Ion Ratio Lower Upper

76 100

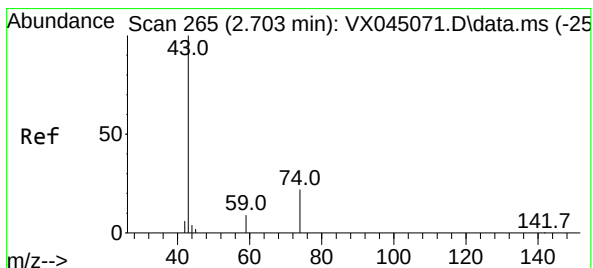
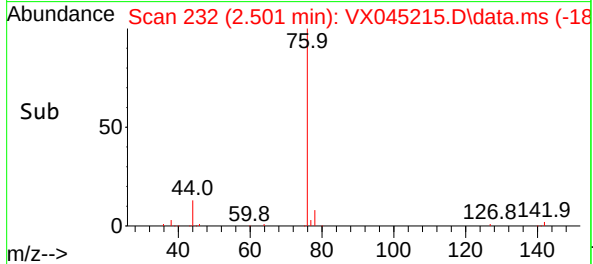
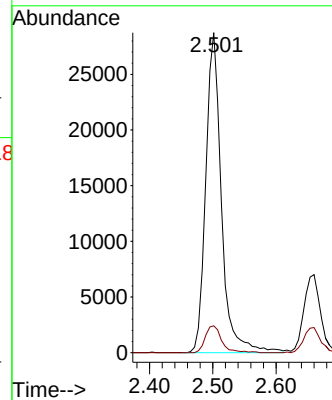
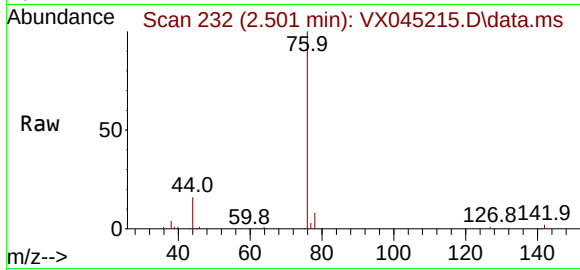
78 8.4 6.6 9.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#18

Methyl Acetate

Concen: 22.967 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX045215.D

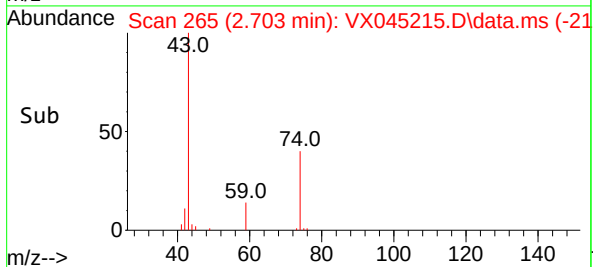
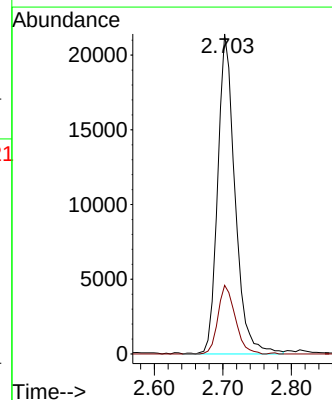
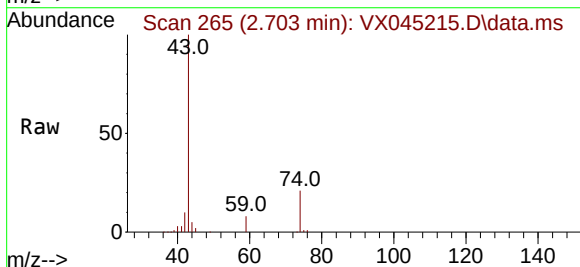
Acq: 11 Mar 2025 11:40

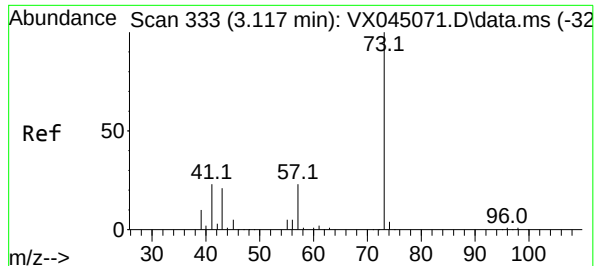
Tgt Ion: 43 Resp: 37547

Ion Ratio Lower Upper

43 100

74 21.3 17.4 26.2





#19

Methyl tert-butyl Ether

Concen: 19.270 ug/l

RT: 3.117 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX045215.D

Acq: 11 Mar 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

Tgt Ion: 73 Resp: 73152

Ion Ratio Lower Upper

73 100

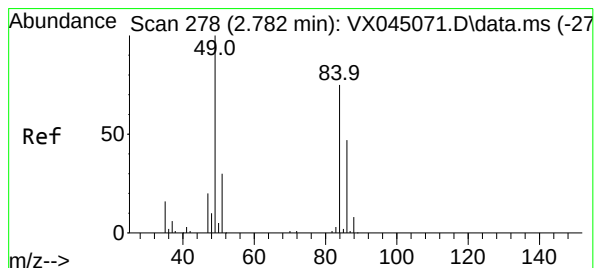
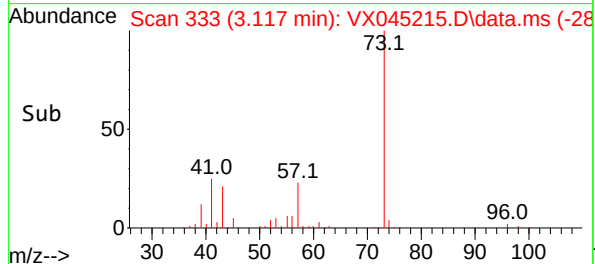
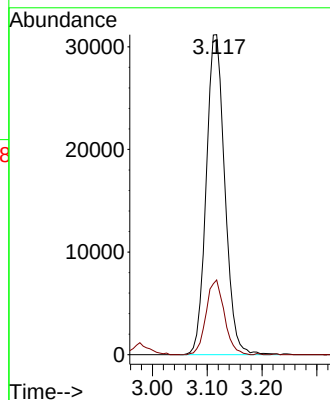
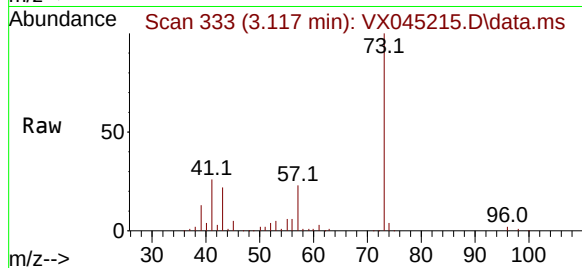
57 23.3 18.5 27.7

Manual Integrations

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Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#20

Methylene Chloride

Concen: 19.167 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX045215.D

Acq: 11 Mar 2025 11:40

Tgt Ion: 84 Resp: 25802

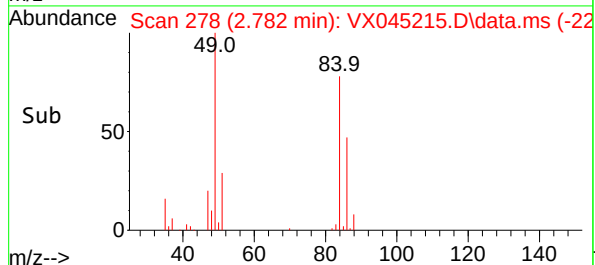
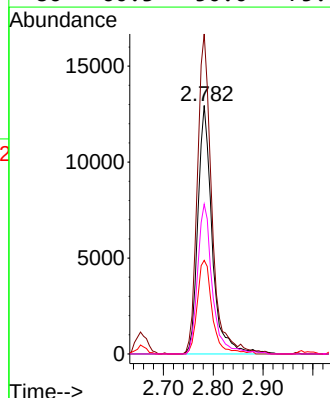
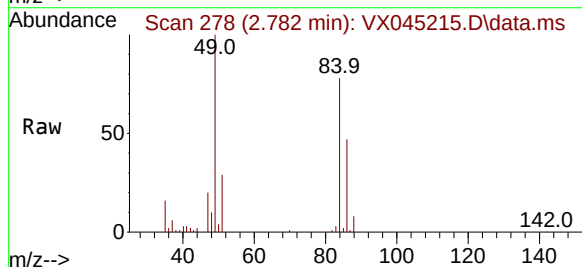
Ion Ratio Lower Upper

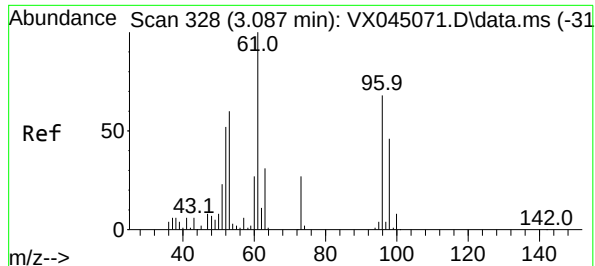
84 100

49 128.8 106.5 159.7

51 37.7 32.1 48.1

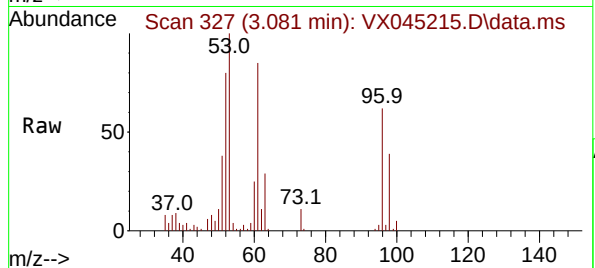
86 60.3 50.0 75.0





#21
trans-1,2-Dichloroethene
Concen: 19.168 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

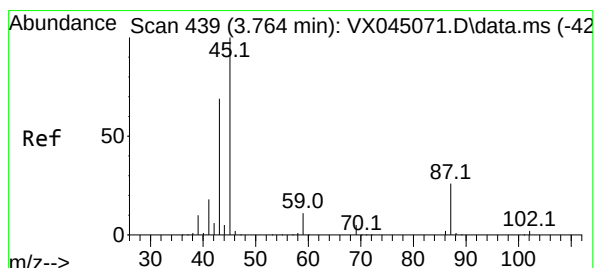
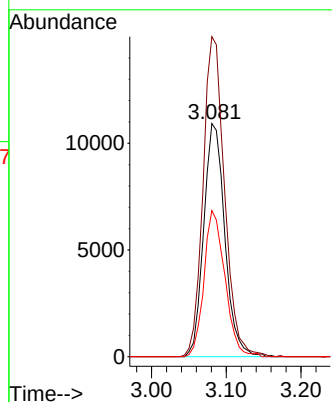
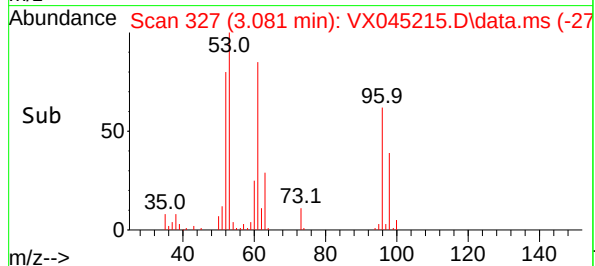
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01



Tgt Ion: 96 Resp: 2142
Ion Ratio Lower Upper
96 100
61 137.3 117.0 175.4
98 62.7 53.4 80.2

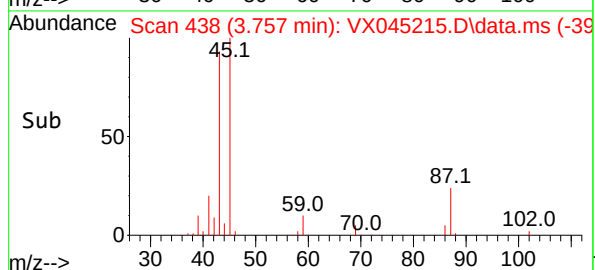
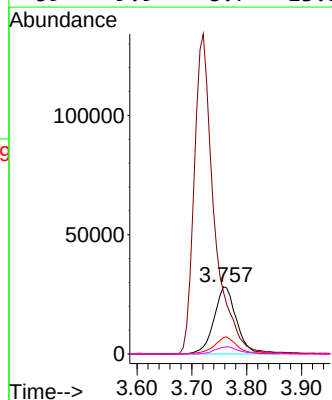
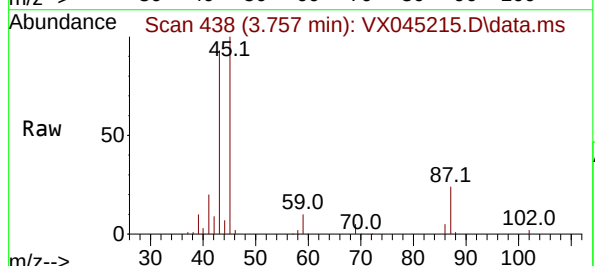
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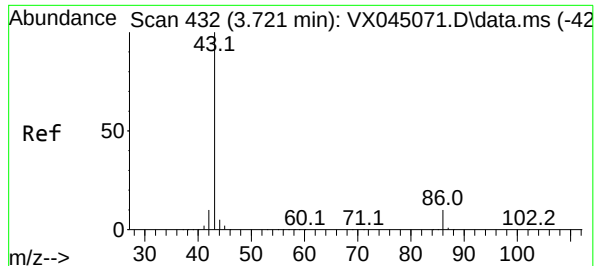
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#22
Diisopropyl ether
Concen: 19.499 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

Tgt Ion: 45 Resp: 79872
Ion Ratio Lower Upper
45 100
43 91.5 54.9 82.3#
87 24.5 21.0 31.4
59 9.9 8.7 13.1





#23

Vinyl Acetate

Concen: 99.830 ug/l

RT: 3.721 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX045215.D

Acq: 11 Mar 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

Tgt Ion: 43 Resp: 34125

Ion Ratio Lower Upper

43 100

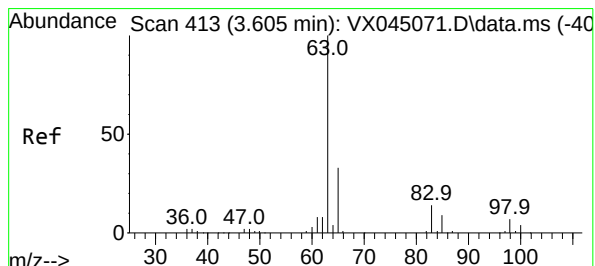
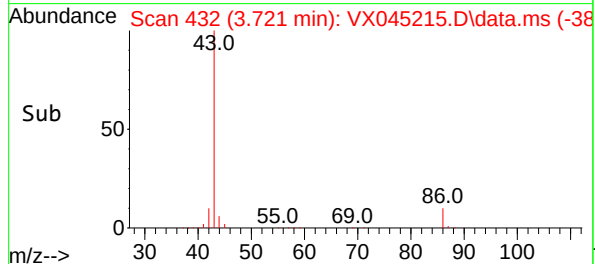
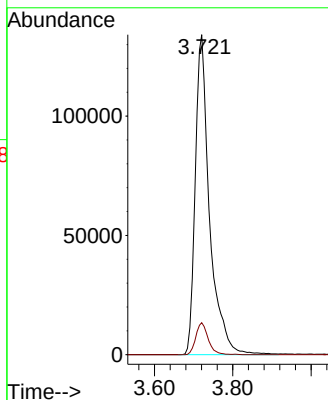
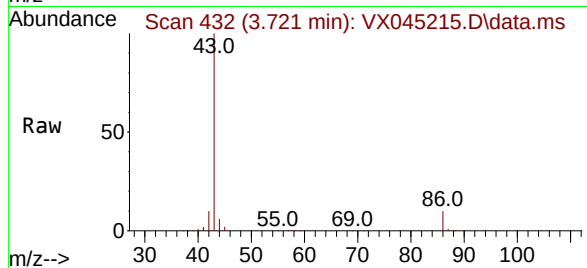
86 10.0 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#24

1,1-Dichloroethane

Concen: 19.162 ug/l

RT: 3.605 min Scan# 413

Delta R.T. -0.000 min

Lab File: VX045215.D

Acq: 11 Mar 2025 11:40

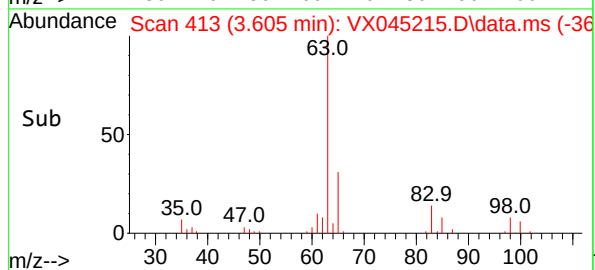
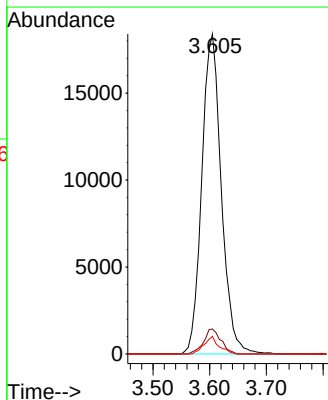
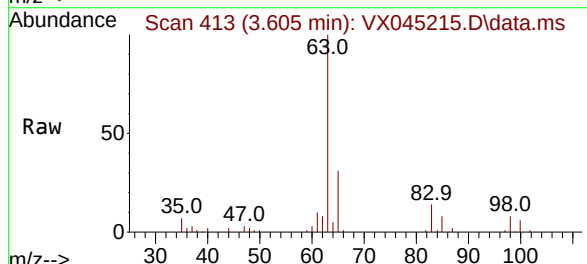
Tgt Ion: 63 Resp: 43990

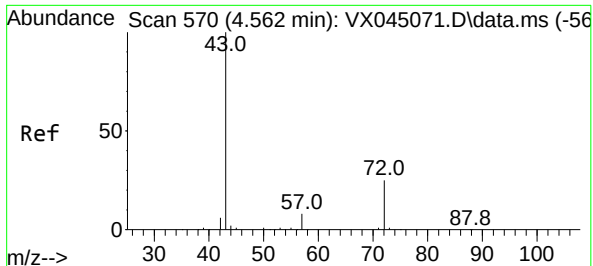
Ion Ratio Lower Upper

63 100

98 7.8 3.4 10.2

100 5.5 2.1 6.5





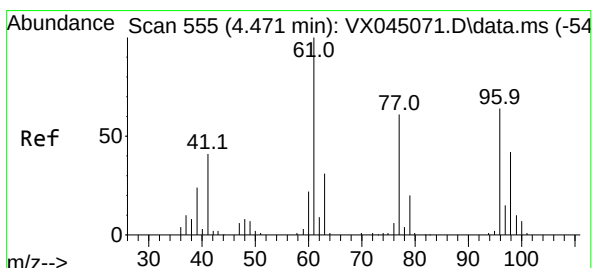
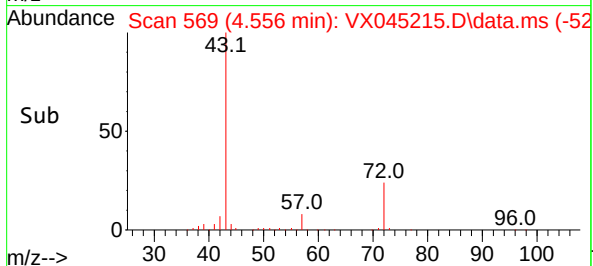
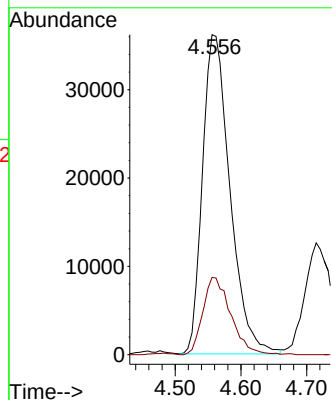
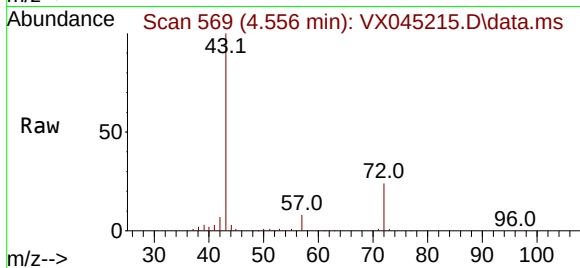
#25
2-Butanone
Concen: 102.904 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

Tgt Ion: 43 Resp: 10526
Ion Ratio Lower Upper
43 100
72 24.2 20.0 30.0

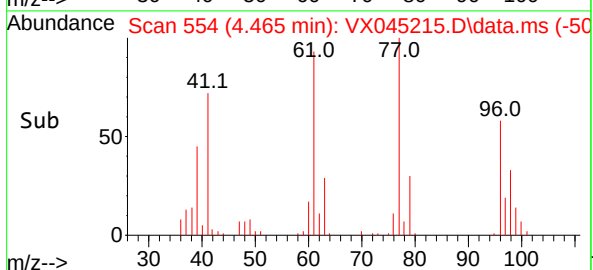
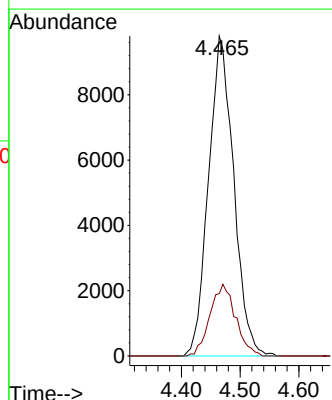
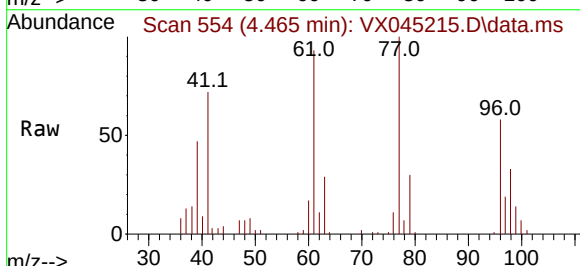
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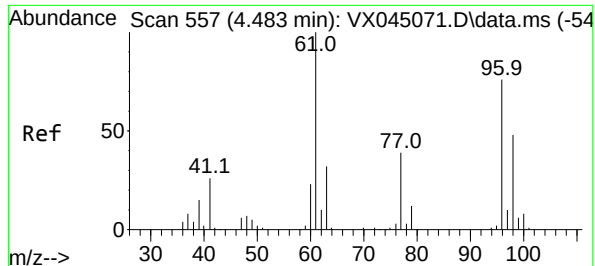
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#26
2,2-Dichloropropane
Concen: 27.101 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

Tgt Ion: 77 Resp: 29182
Ion Ratio Lower Upper
77 100
97 22.8 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 19.212 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX045215.D

Acq: 11 Mar 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

Tgt Ion: 96 Resp: 2651

Ion Ratio Lower Upper

96 100

61 148.6 0.0 283.2

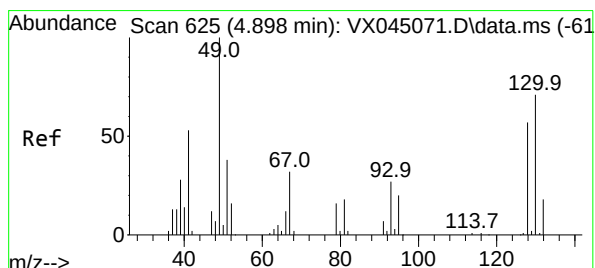
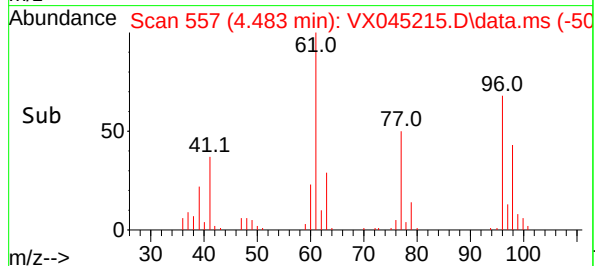
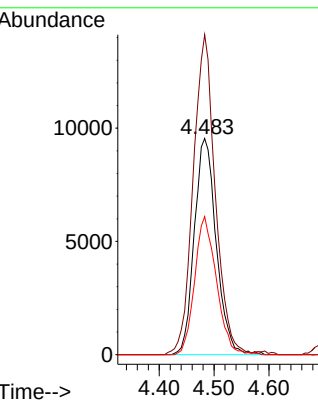
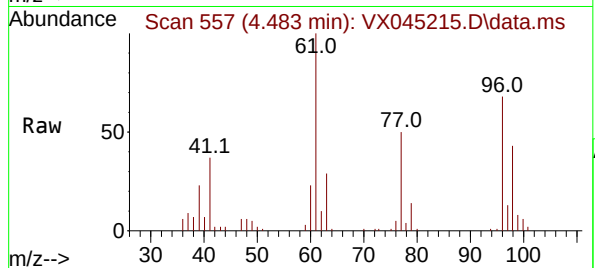
98 63.4 0.0 128.0

Manual Integrations

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Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#28

Bromochloromethane

Concen: 19.924 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.000 min

Lab File: VX045215.D

Acq: 11 Mar 2025 11:40

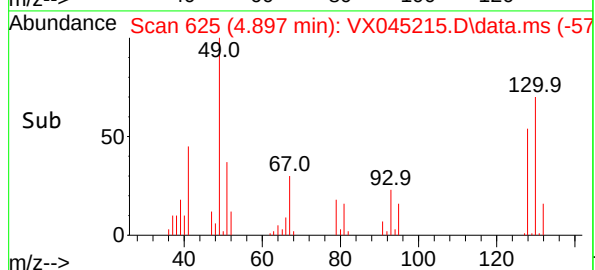
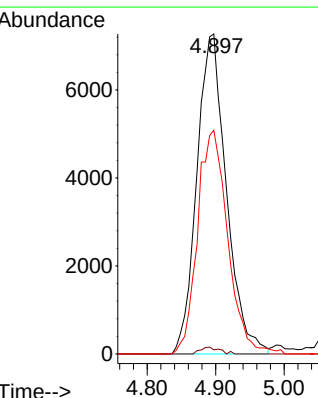
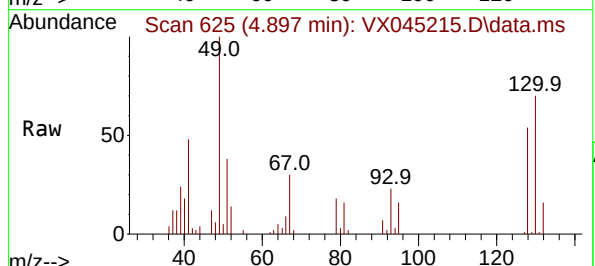
Tgt Ion: 49 Resp: 21801

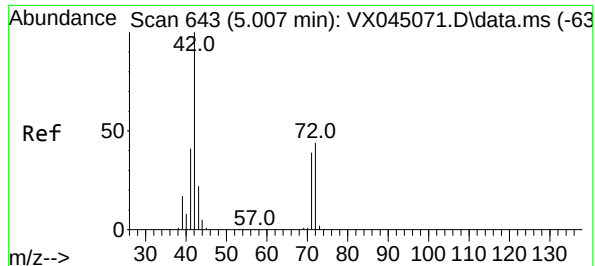
Ion Ratio Lower Upper

49 100

129 1.4 0.0 3.4

130 71.4 56.1 84.1





#29

Tetrahydrofuran

Concen: 98.050 ug/l

RT: 5.007 min Scan# 643

Delta R.T. -0.000 min

Lab File: VX045215.D

Acq: 11 Mar 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

Tgt Ion: 42 Resp: 6735

Ion Ratio Lower Upper

42 100

72 43.1 34.1 51.1

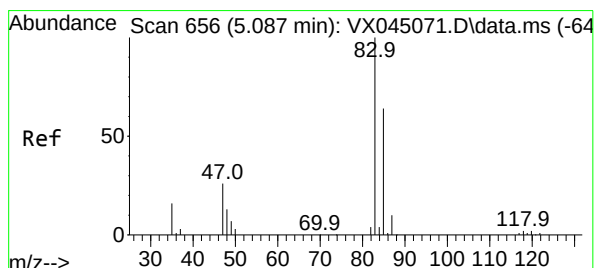
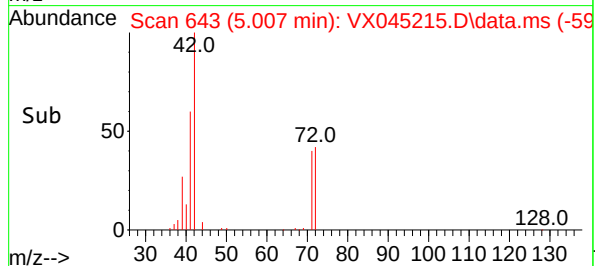
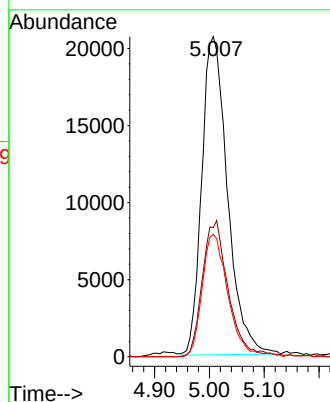
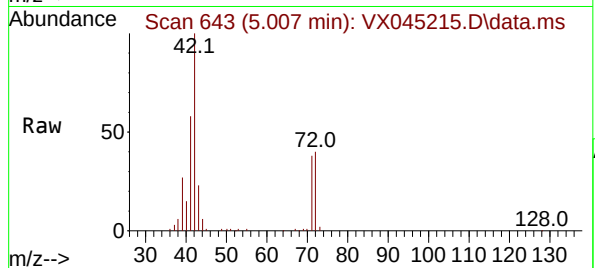
71 38.5 31.4 47.0

Manual Integrations

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Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#30

Chloroform

Concen: 19.477 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.000 min

Lab File: VX045215.D

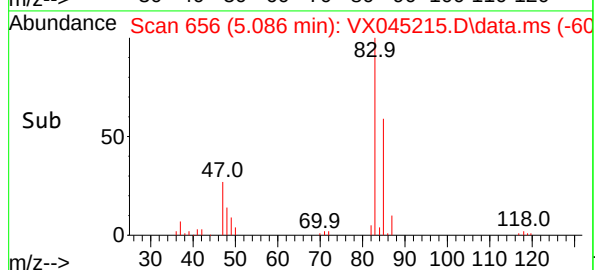
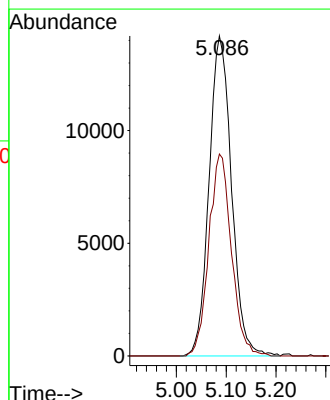
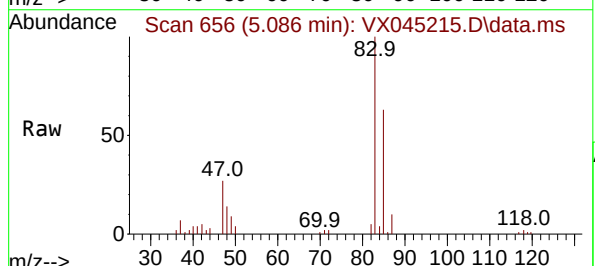
Acq: 11 Mar 2025 11:40

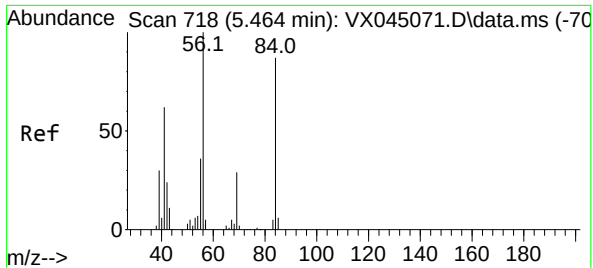
Tgt Ion: 83 Resp: 44426

Ion Ratio Lower Upper

83 100

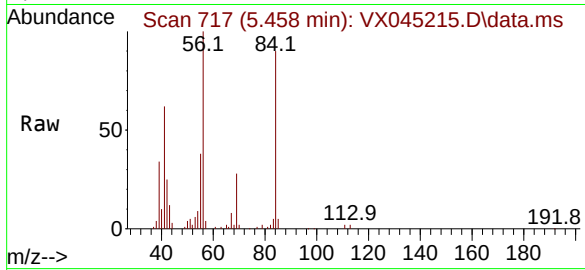
85 63.1 51.4 77.2





#31
Cyclohexane
Concen: 19.062 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

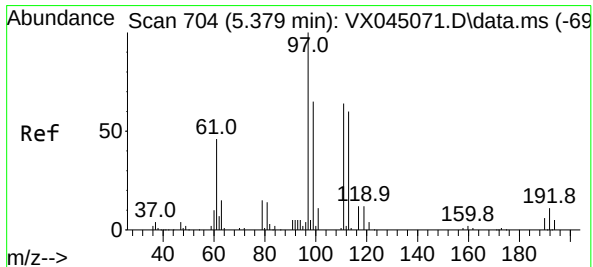
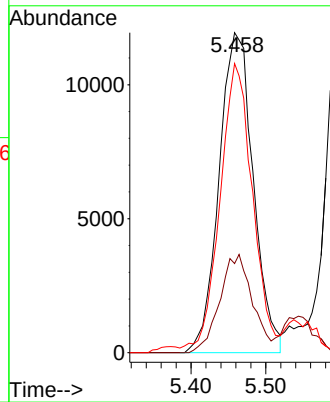
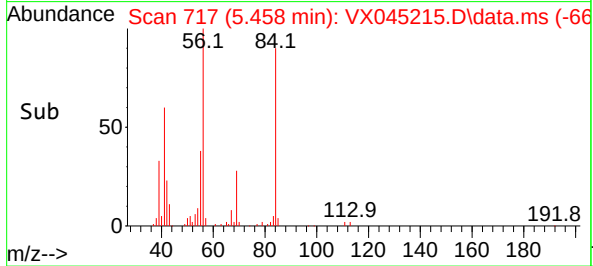
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01



Tgt Ion: 56 Resp: 3798
Ion Ratio Lower Upper
56 100
69 27.9 23.4 35.2
84 88.9 69.4 104.2

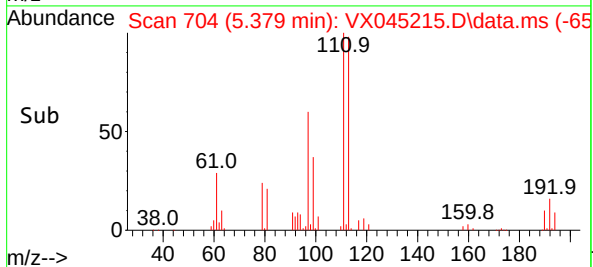
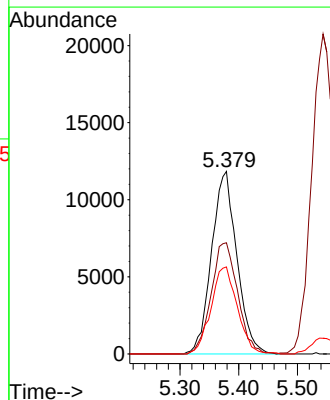
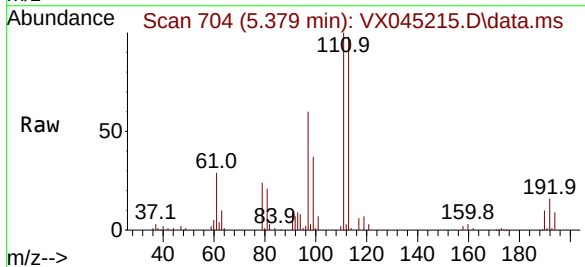
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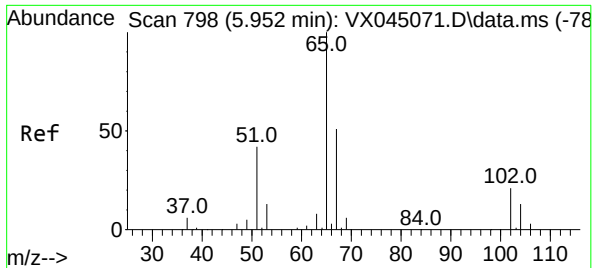
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#32
1,1,1-Trichloroethane
Concen: 19.223 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

Tgt Ion: 97 Resp: 35413
Ion Ratio Lower Upper
97 100
99 63.7 51.6 77.4
61 49.7 38.4 57.6





#33

1,2-Dichloroethane-d4

Concen: 51.107 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045215.D

Acq: 11 Mar 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

Tgt Ion: 65 Resp: 74850

Ion Ratio Lower Upper

65 100

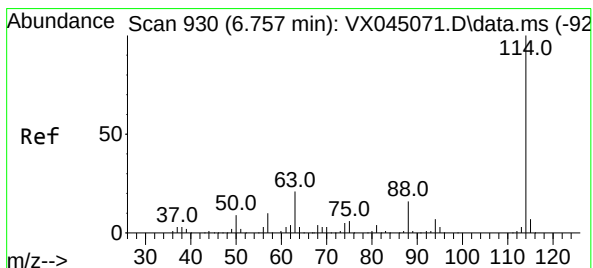
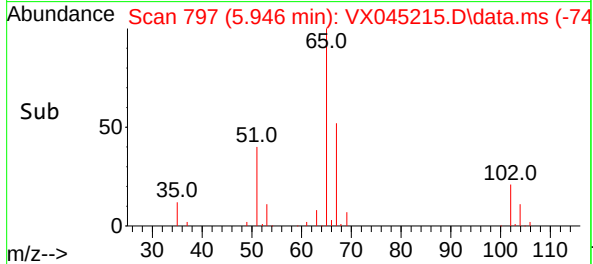
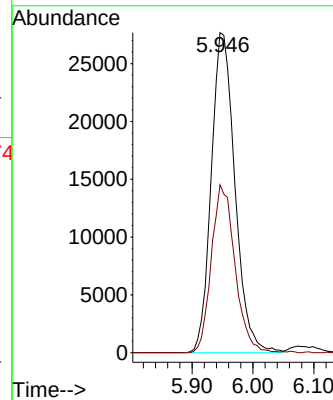
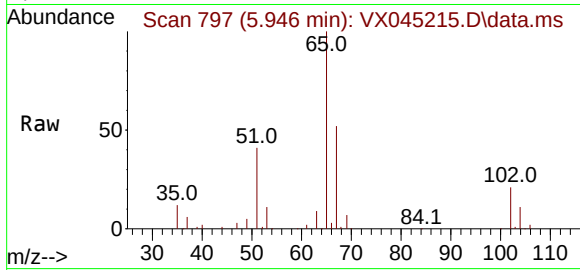
67 52.0 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045215.D

Acq: 11 Mar 2025 11:40

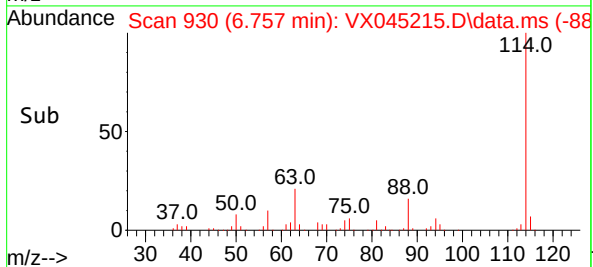
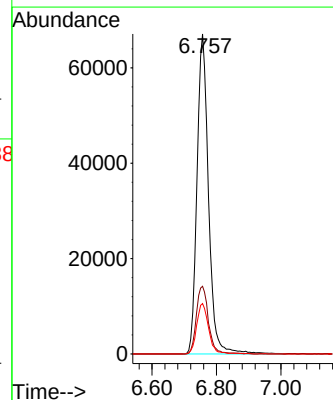
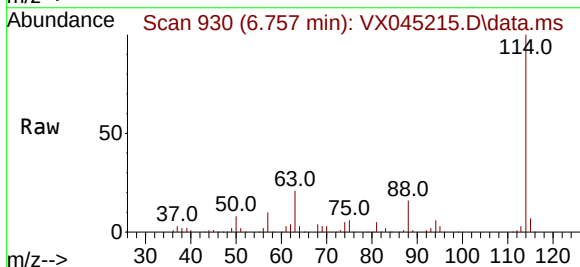
Tgt Ion:114 Resp: 166231

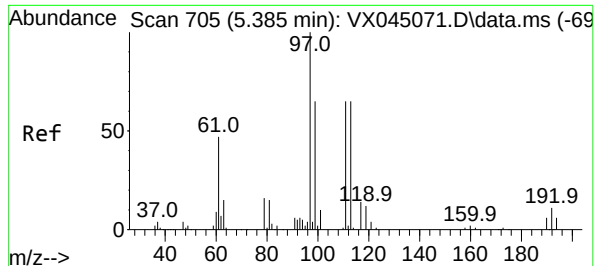
Ion Ratio Lower Upper

114 100

63 21.2 0.0 41.8

88 15.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.961 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX045215.D

Acq: 11 Mar 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

Tgt Ion:113 Resp: 5664

Ion Ratio Lower Upper

113 100

111 103.1 81.8 122.6

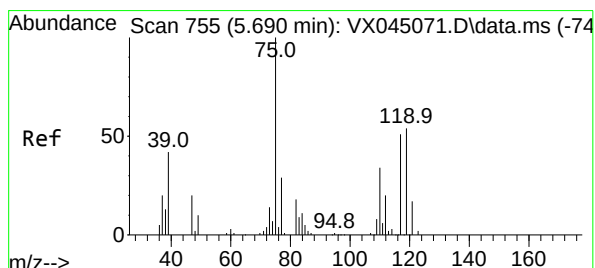
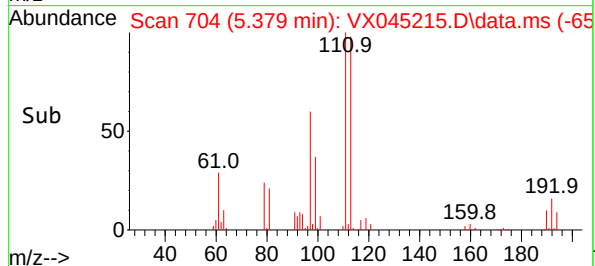
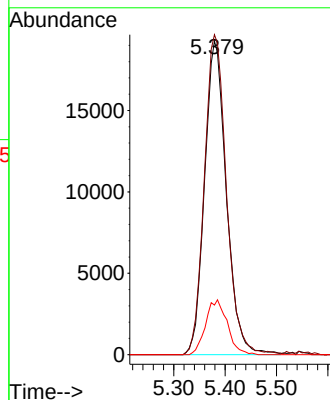
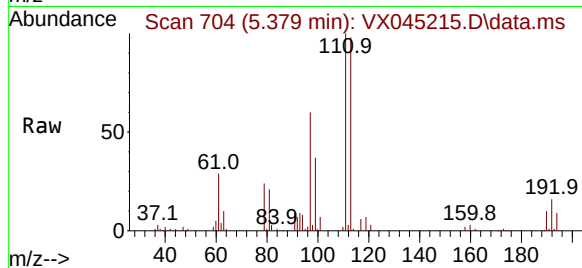
192 17.5 14.3 21.5

Manual Integrations

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Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#36

1,1-Dichloropropene

Concen: 18.925 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.006 min

Lab File: VX045215.D

Acq: 11 Mar 2025 11:40

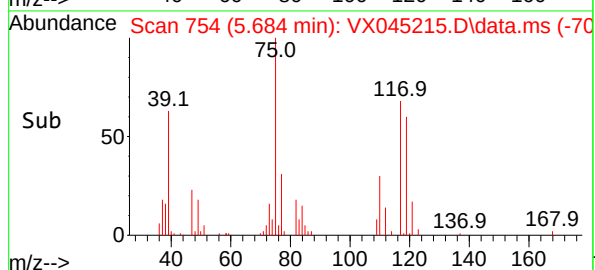
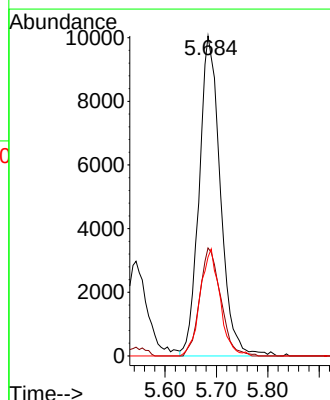
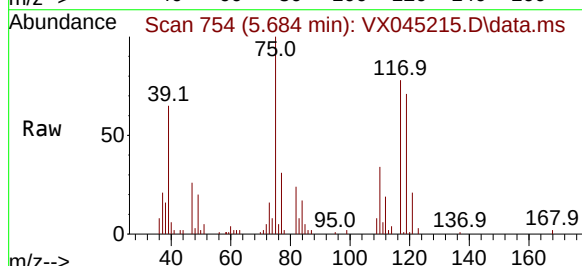
Tgt Ion: 75 Resp: 28849

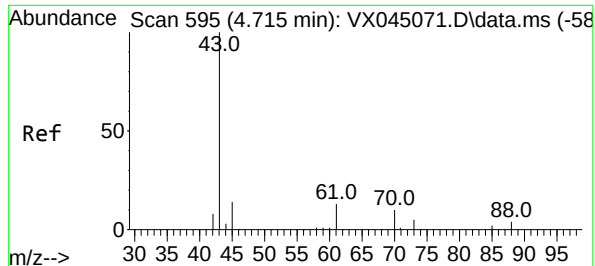
Ion Ratio Lower Upper

75 100

110 33.4 16.9 50.6

77 31.4 24.5 36.7





#37

Ethyl Acetate

Concen: 18.433 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX045215.D

Acq: 11 Mar 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

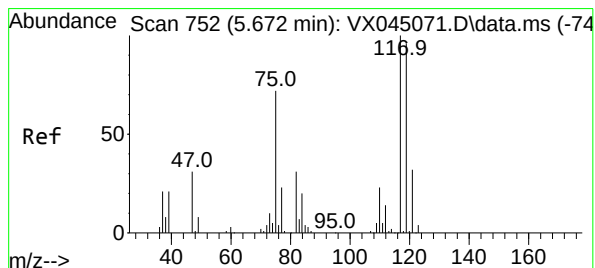
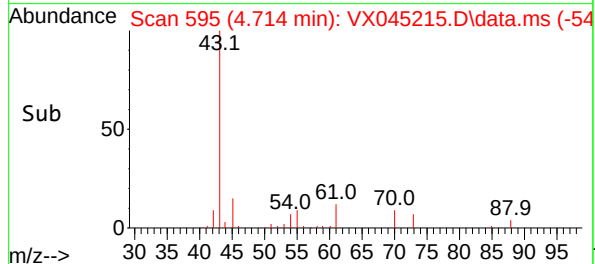
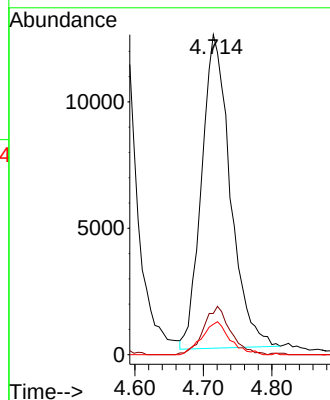
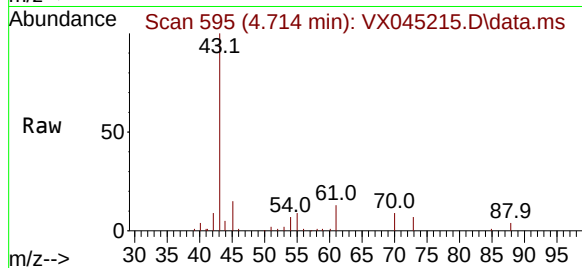
VX0311WBSD01

Tgt Ion:	43	Resp:	3620
Ion Ratio	Lower	Upper	
43	100		
61	14.4	10.8	16.2
70	10.2	7.7	11.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#38

Carbon Tetrachloride

Concen: 19.378 ug/l

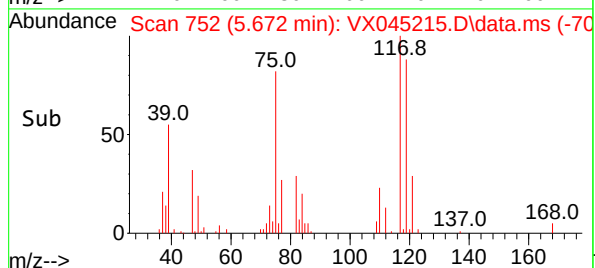
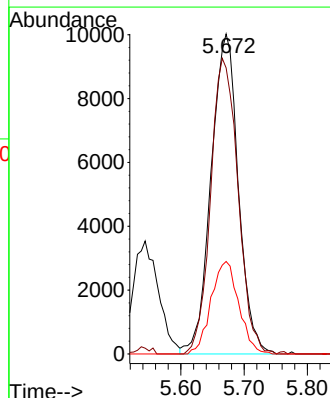
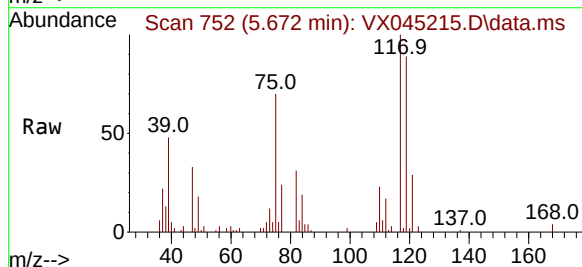
RT: 5.672 min Scan# 752

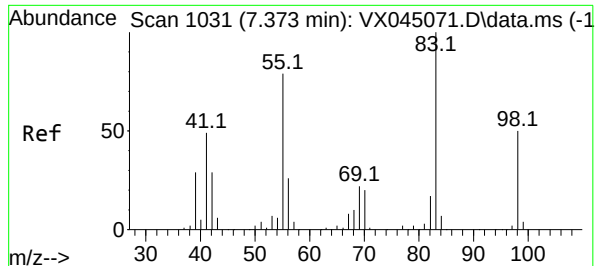
Delta R.T. -0.000 min

Lab File: VX045215.D

Acq: 11 Mar 2025 11:40

Tgt Ion:	117	Resp:	29989
Ion Ratio	Lower	Upper	
117	100		
119	89.4	76.7	115.1
121	28.9	25.5	38.3





#39

Methylcyclohexane

Concen: 20.064 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX045215.D

Acq: 11 Mar 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

Tgt Ion: 83 Resp: 3664

Ion Ratio Lower Upper

83 100

55 82.0 63.0 94.4

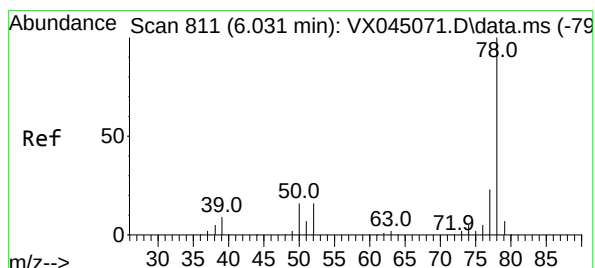
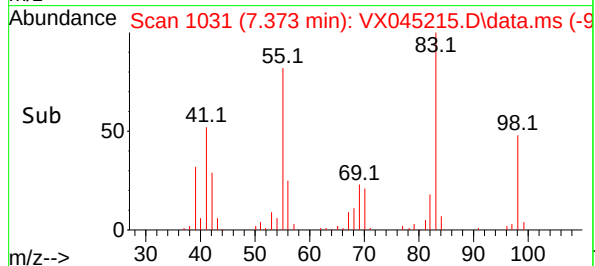
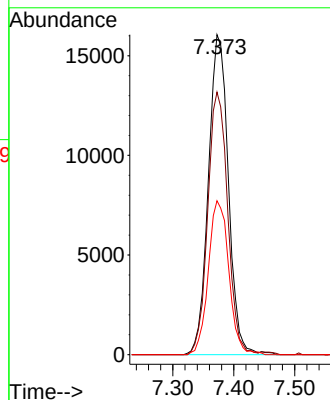
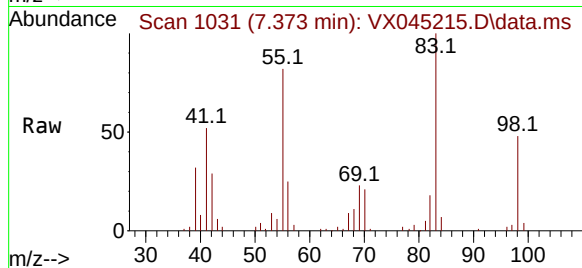
98 48.1 39.7 59.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#40

Benzene

Concen: 19.208 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.000 min

Lab File: VX045215.D

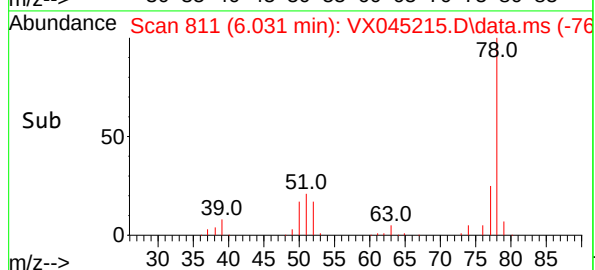
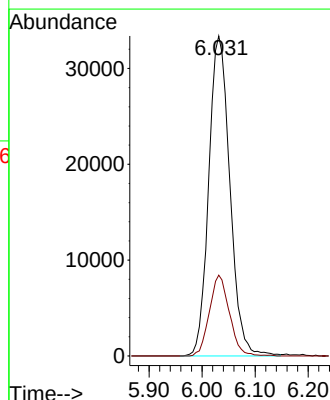
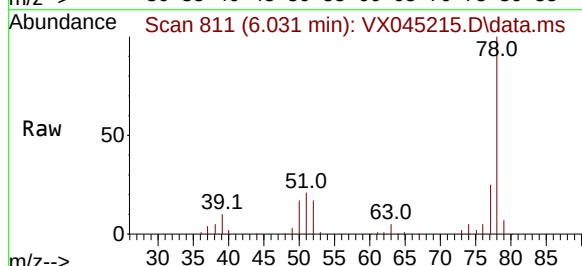
Acq: 11 Mar 2025 11:40

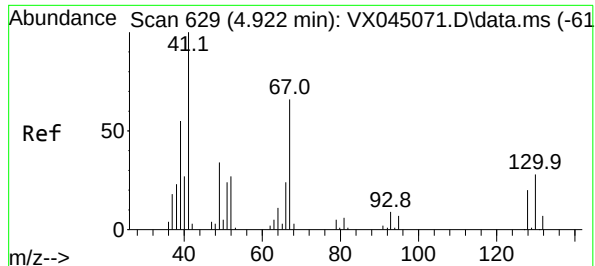
Tgt Ion: 78 Resp: 92458

Ion Ratio Lower Upper

78 100

77 25.3 18.8 28.2





#41

Methacrylonitrile

Concen: 20.493 ug/l

RT: 4.916 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX045215.D

Acq: 11 Mar 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

Tgt Ion: 41 Resp: 2176

Ion Ratio Lower Upper

41 100

39 57.7 44.6 67.0

67 68.5 53.9 80.9

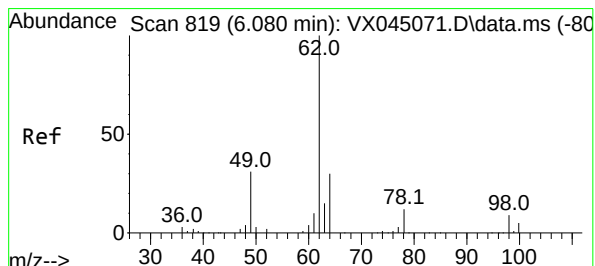
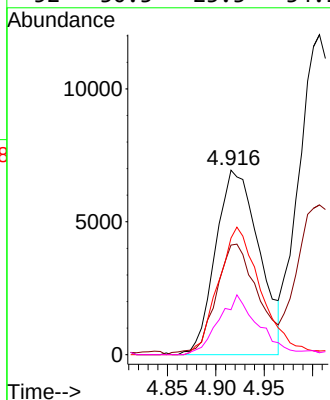
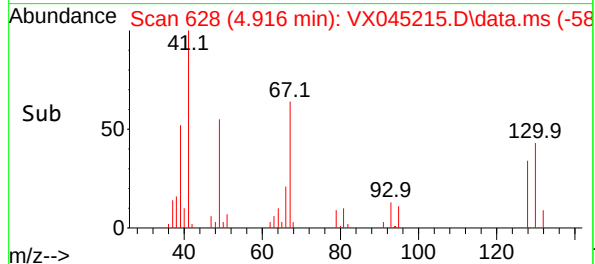
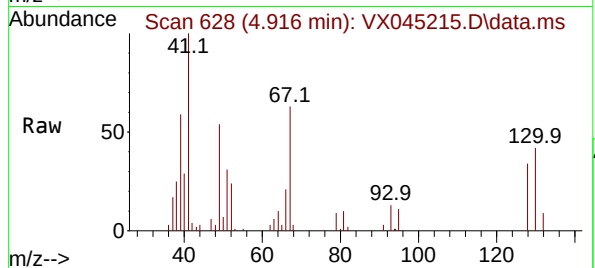
52 30.3 23.3 34.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#42

1,2-Dichloroethane

Concen: 19.864 ug/l

RT: 6.086 min Scan# 820

Delta R.T. 0.006 min

Lab File: VX045215.D

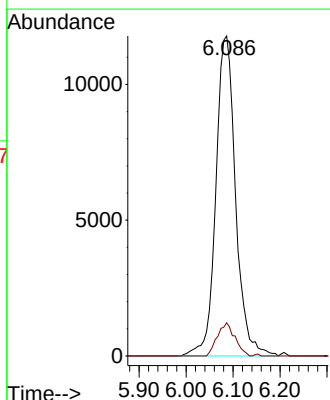
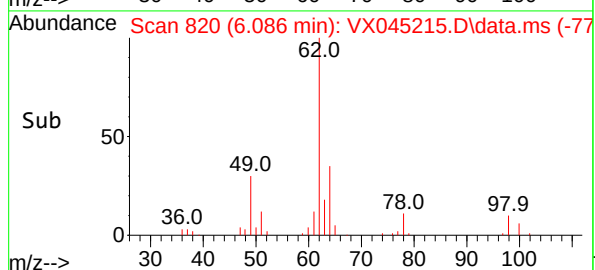
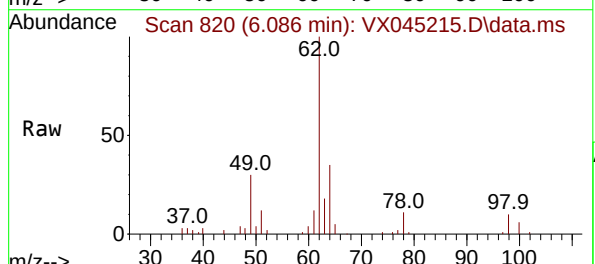
Acq: 11 Mar 2025 11:40

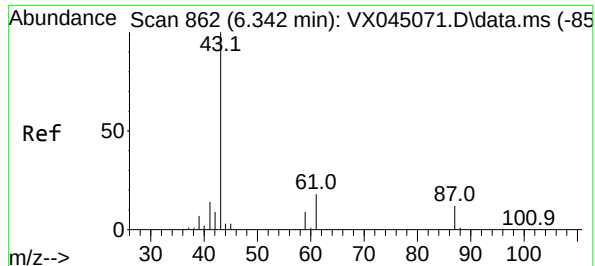
Tgt Ion: 62 Resp: 34432

Ion Ratio Lower Upper

62 100

98 9.2 0.0 18.2





#43

Isopropyl Acetate

Concen: 19.925 ug/l

RT: 6.342 min Scan# 80

Delta R.T. -0.000 min

Lab File: VX045215.D

Acq: 11 Mar 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

Tgt Ion: 43 Resp: 5787

Ion Ratio Lower Upper

43

100

61

18.4

87

11.9

14.9

9.4

22.3

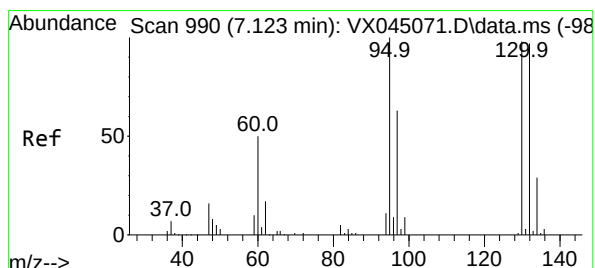
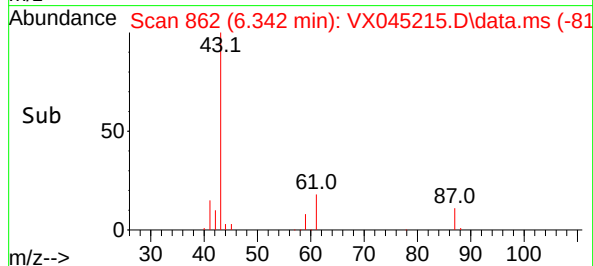
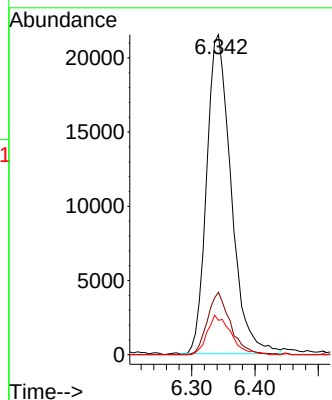
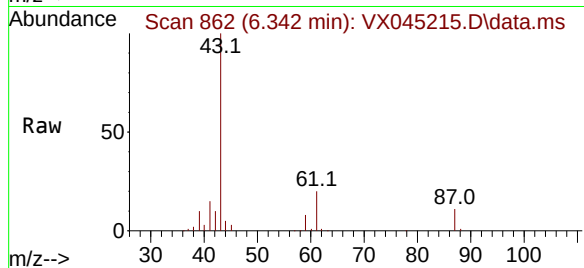
14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#44

Trichloroethene

Concen: 19.021 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX045215.D

Acq: 11 Mar 2025 11:40

Tgt Ion:130 Resp: 21499

Ion Ratio Lower Upper

130

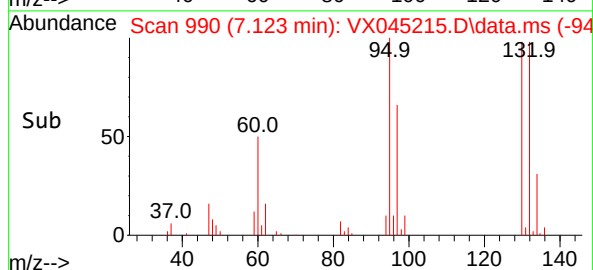
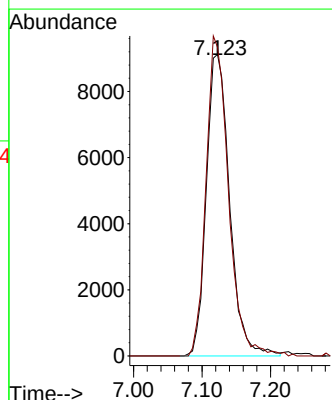
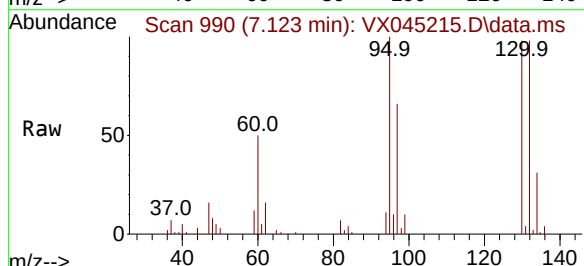
100

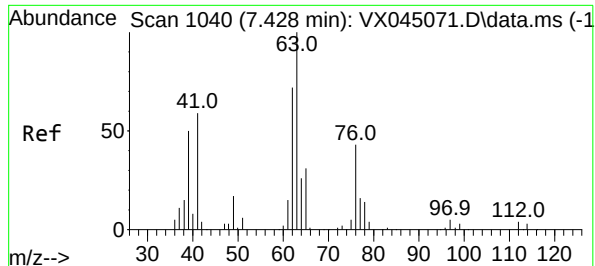
95

102.4

0.0

205.0





#45

1,2-Dichloropropane

Concen: 19.071 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX045215.D

Acq: 11 Mar 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

Tgt Ion: 63 Resp: 2360

Ion Ratio Lower Upper

63 100

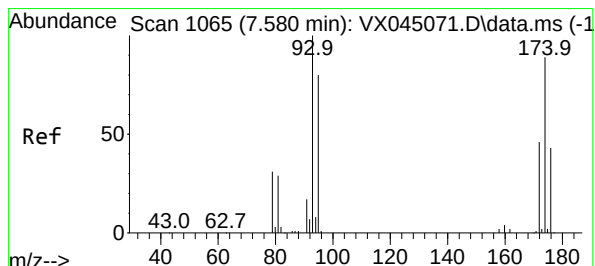
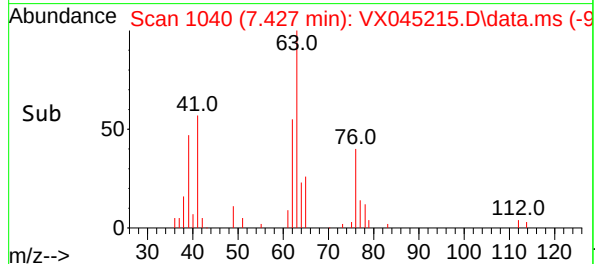
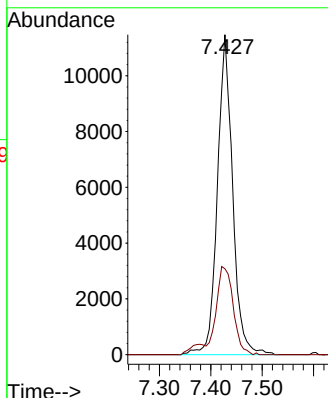
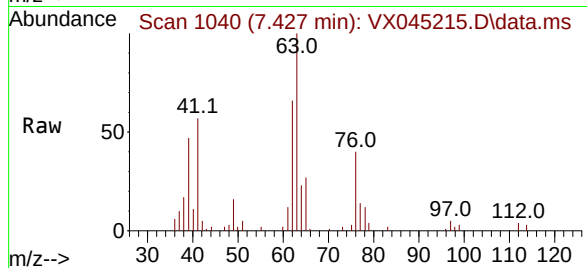
65 26.8 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#46

Dibromomethane

Concen: 19.824 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX045215.D

Acq: 11 Mar 2025 11:40

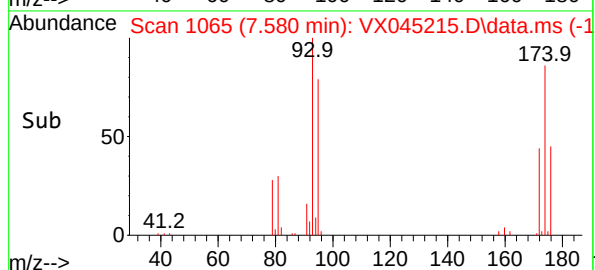
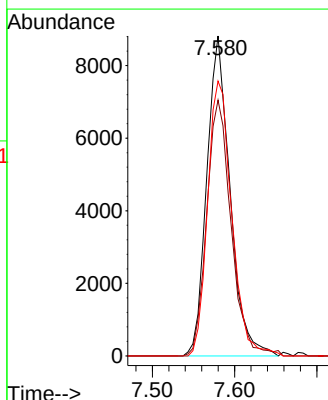
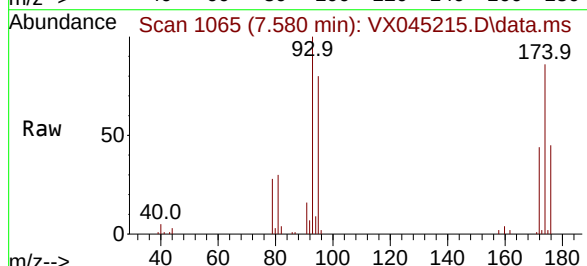
Tgt Ion: 93 Resp: 17341

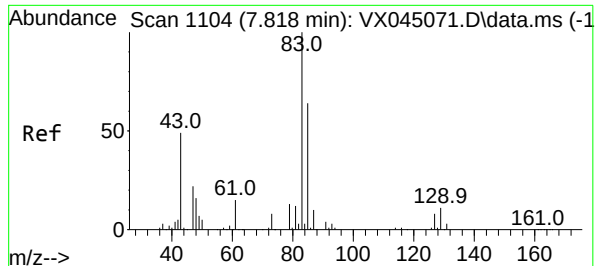
Ion Ratio Lower Upper

93 100

95 83.6 65.8 98.8

174 89.0 72.2 108.2





#47

Bromodichloromethane

Concen: 19.769 ug/l

RT: 7.818 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX045215.D

Acq: 11 Mar 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

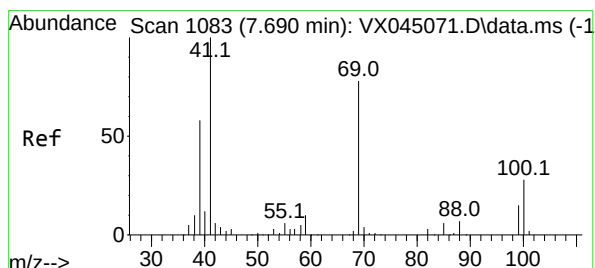
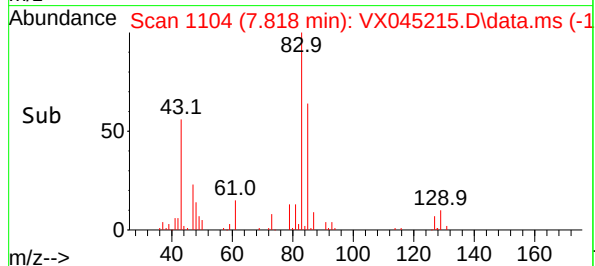
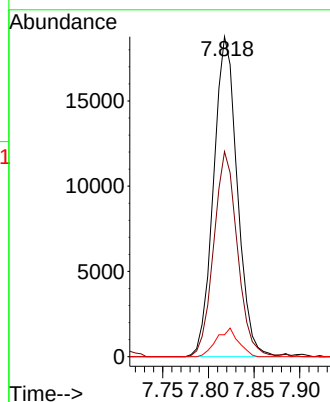
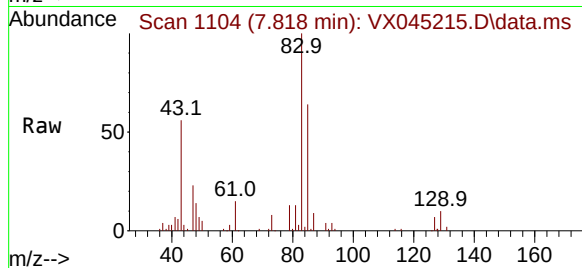
Tgt Ion:	83	Resp:	3392
Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.1	76.7
127	6.8	6.4	9.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#48

Methyl methacrylate

Concen: 20.560 ug/l

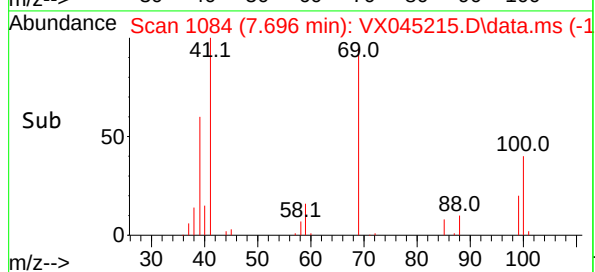
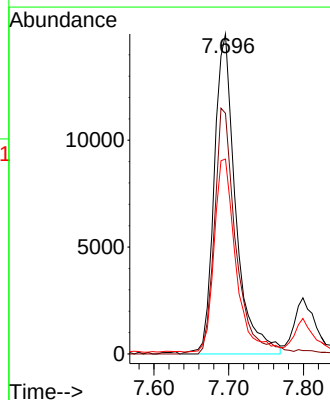
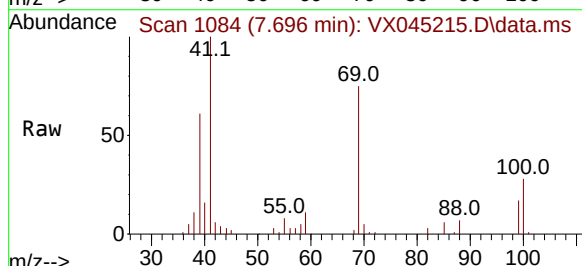
RT: 7.696 min Scan# 1084

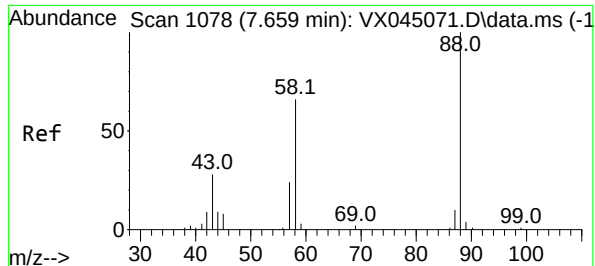
Delta R.T. 0.006 min

Lab File: VX045215.D

Acq: 11 Mar 2025 11:40

Tgt Ion:	41	Resp:	29960
Ion	Ratio	Lower	Upper
41	100		
69	76.1	63.0	94.6
39	60.6	47.5	71.3





#49

1,4-Dioxane

Concen: 372.504 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX045215.D

Acq: 11 Mar 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

Tgt Ion: 88 Resp: 11450

Ion Ratio Lower Upper

88 100

43 39.7 28.7 43.1

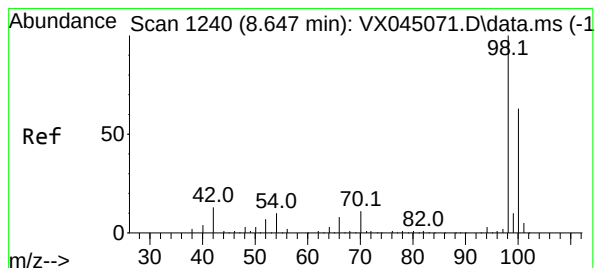
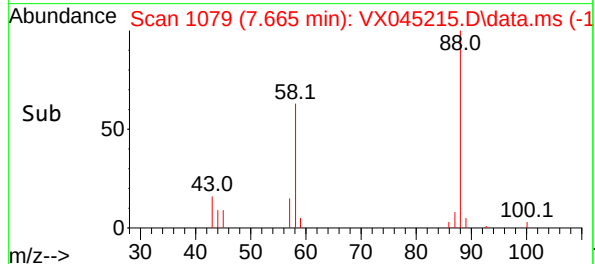
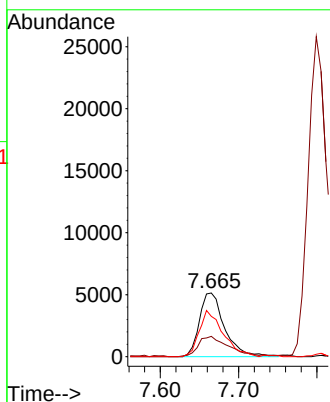
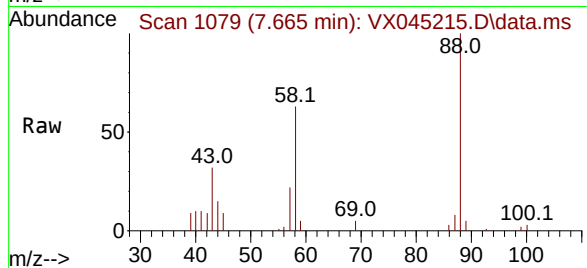
58 69.0 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#50

Toluene-d8

Concen: 50.659 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX045215.D

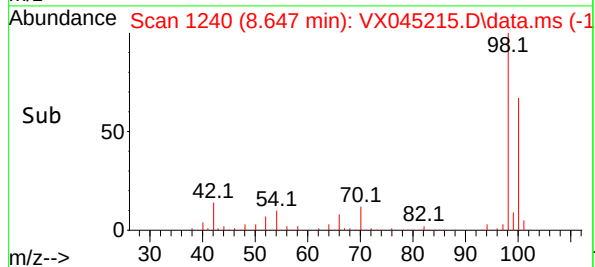
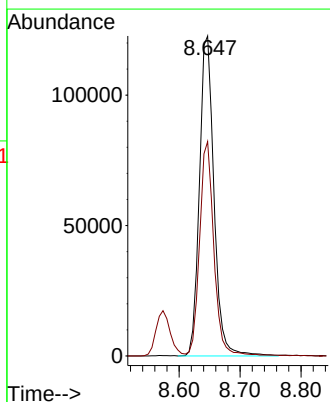
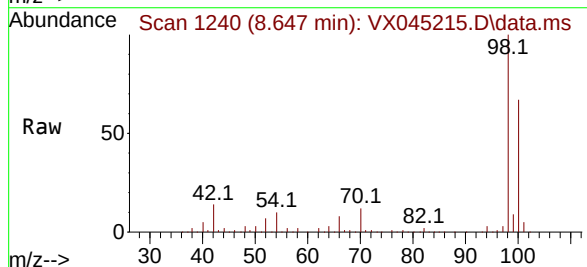
Acq: 11 Mar 2025 11:40

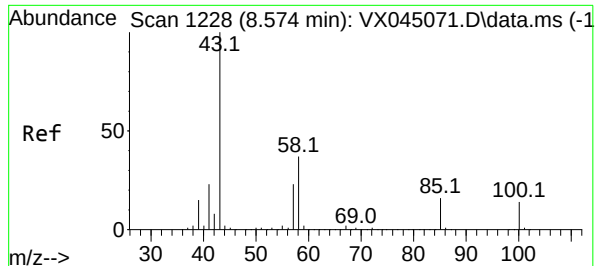
Tgt Ion: 98 Resp: 204141

Ion Ratio Lower Upper

98 100

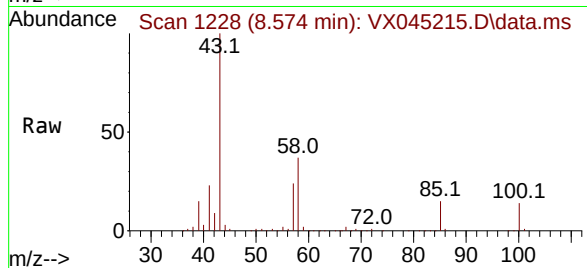
100 65.3 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 108.934 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

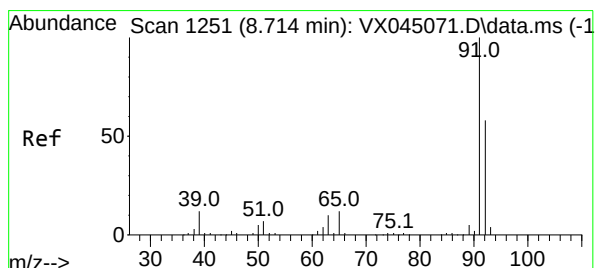
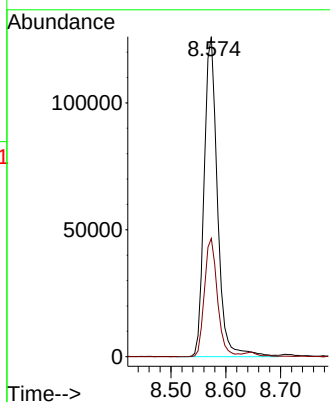
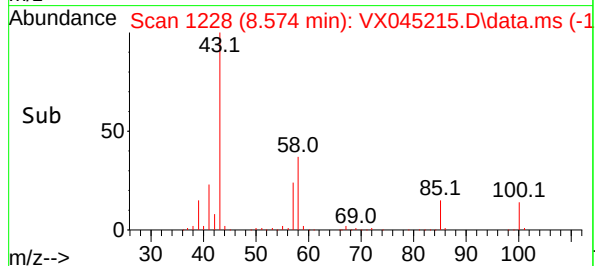
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01



Tgt Ion: 43 Resp: 212449
Ion Ratio Lower Upper
43 100
58 36.1 29.2 43.8

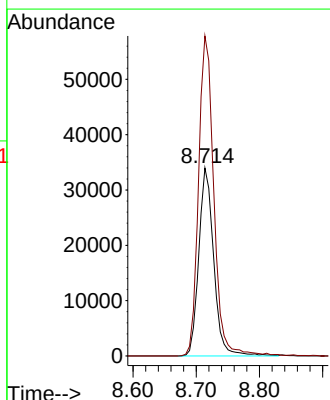
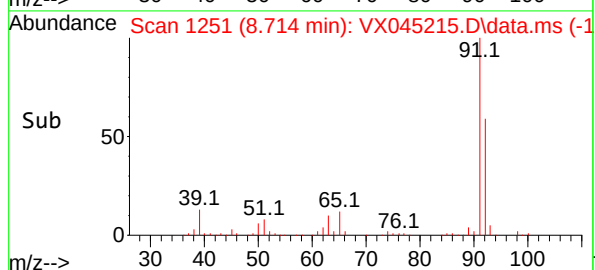
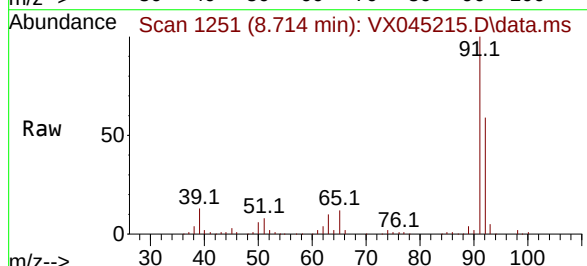
Manual Integrations
APPROVED

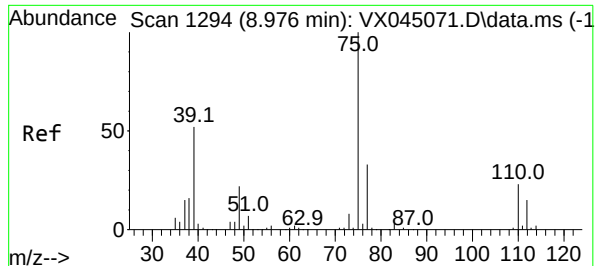
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#52
Toluene
Concen: 19.831 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

Tgt Ion: 92 Resp: 56008
Ion Ratio Lower Upper
92 100
91 174.5 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 20.143 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX045215.D

Acq: 11 Mar 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

Tgt Ion: 75 Resp: 28894

Ion Ratio Lower Upper

75 100

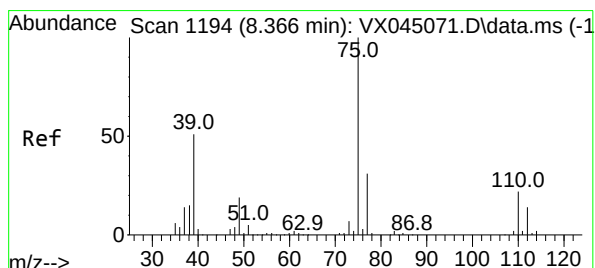
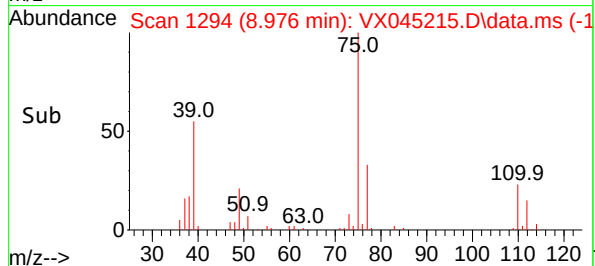
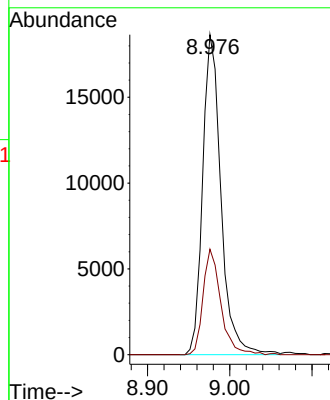
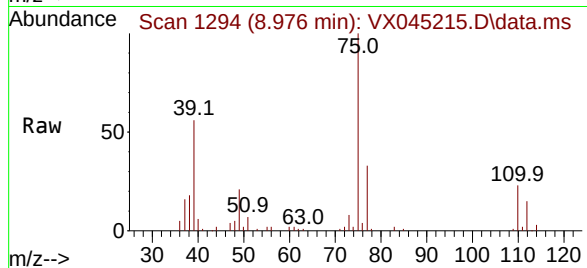
77 33.0 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#54

cis-1,3-Dichloropropene

Concen: 20.066 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX045215.D

Acq: 11 Mar 2025 11:40

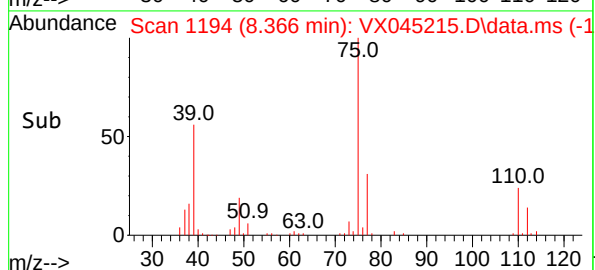
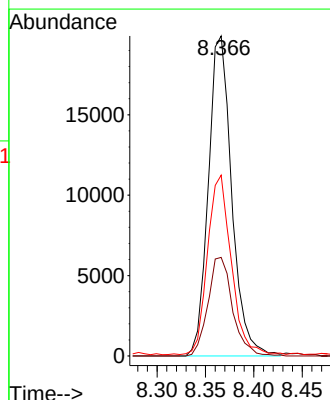
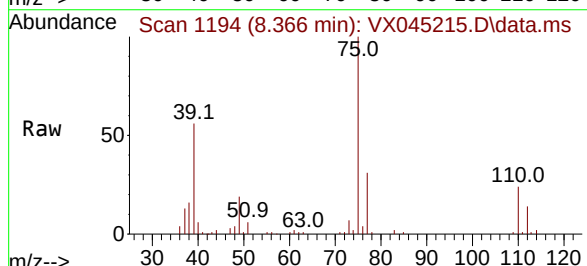
Tgt Ion: 75 Resp: 33564

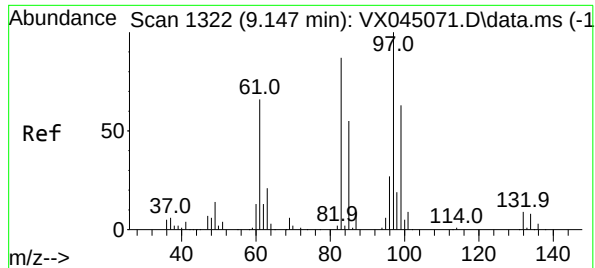
Ion Ratio Lower Upper

75 100

77 30.8 24.7 37.1

39 56.0 40.7 61.1





#55

1,1,2-Trichloroethane

Concen: 20.024 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.006 min

Lab File: VX045215.D

Acq: 11 Mar 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

Tgt Ion: 97 Resp: 2328

Ion Ratio Lower Upper

97 100

83 87.1 69.4 104.2

85 56.5 44.1 66.1

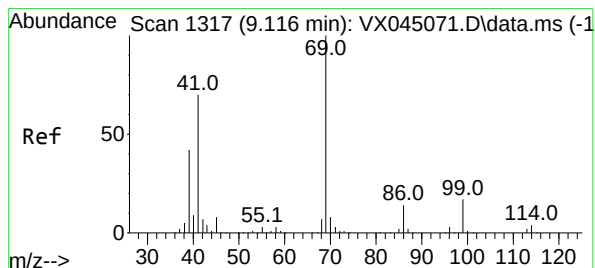
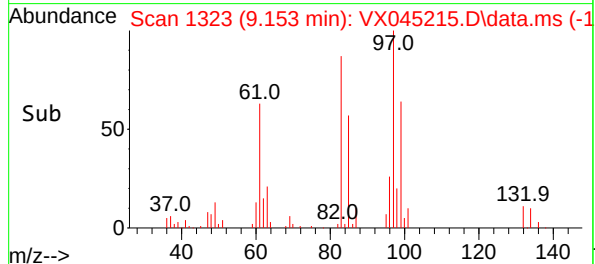
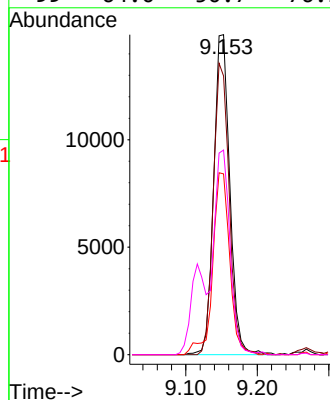
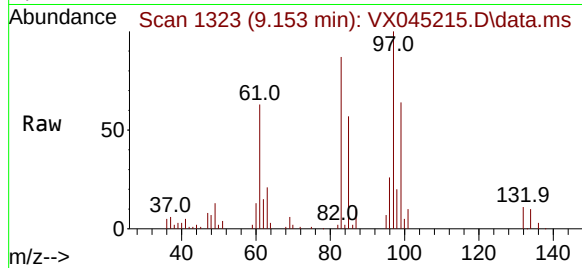
99 64.0 50.7 76.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#56

Ethyl methacrylate

Concen: 21.080 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX045215.D

Acq: 11 Mar 2025 11:40

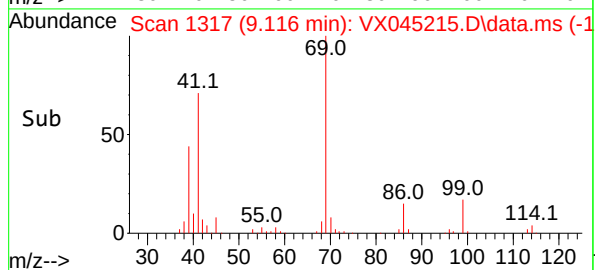
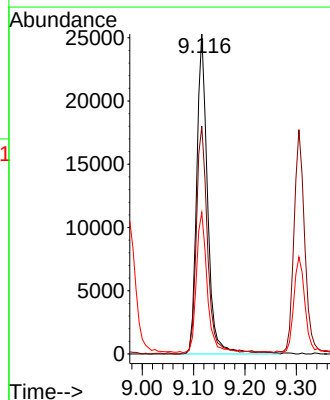
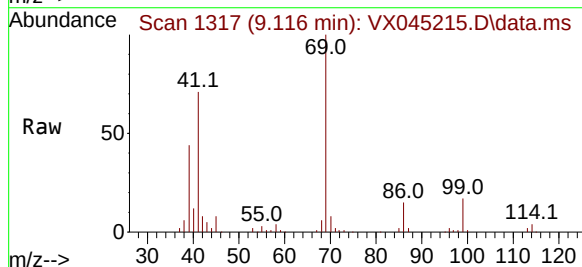
Tgt Ion: 69 Resp: 37256

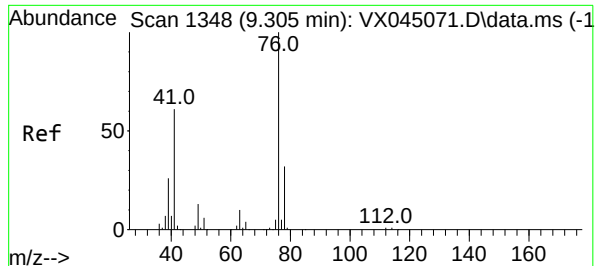
Ion Ratio Lower Upper

69 100

41 73.2 57.0 85.4

39 43.5 34.2 51.4





#57

1,3-Dichloropropane

Concen: 20.649 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045215.D

Acq: 11 Mar 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

Tgt Ion: 76 Resp: 4154

Ion Ratio Lower Upper

76 100

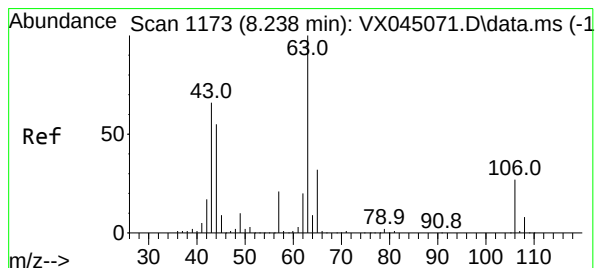
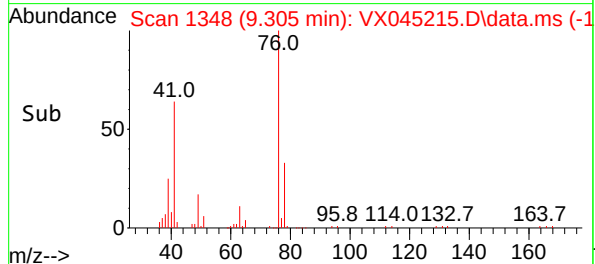
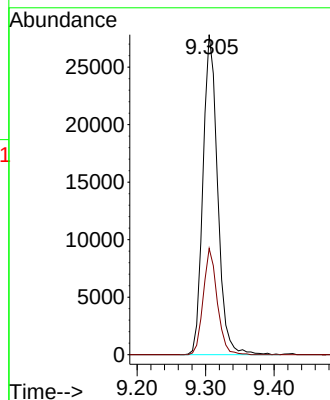
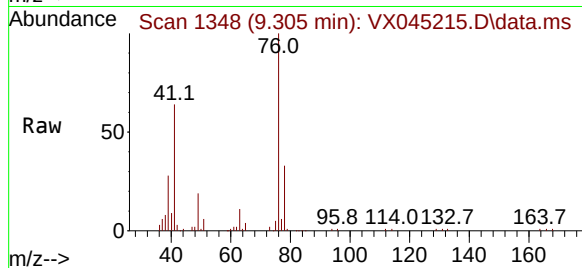
78 31.6 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#58

2-Chloroethyl Vinyl ether

Concen: 98.289 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045215.D

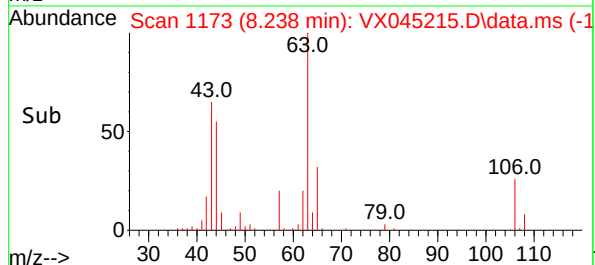
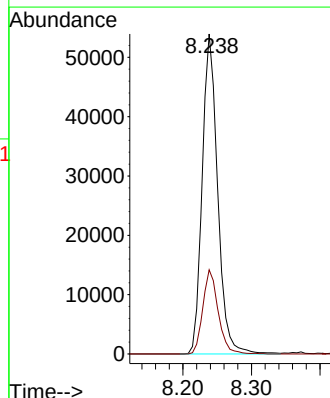
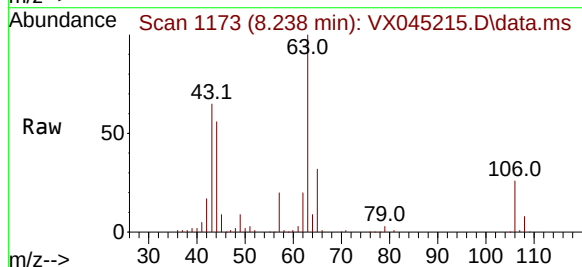
Acq: 11 Mar 2025 11:40

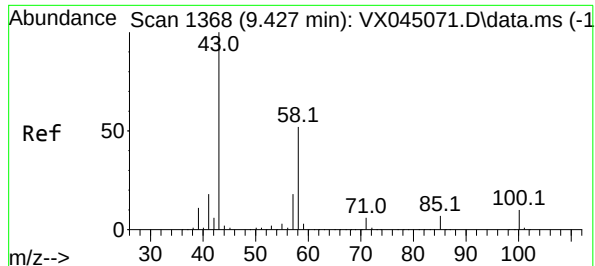
Tgt Ion: 63 Resp: 84737

Ion Ratio Lower Upper

63 100

106 26.2 21.5 32.3





#59

2-Hexanone

Concen: 109.453 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX045215.D

Acq: 11 Mar 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

Tgt Ion: 43 Resp: 154662

Ion Ratio Lower Upper

43 100

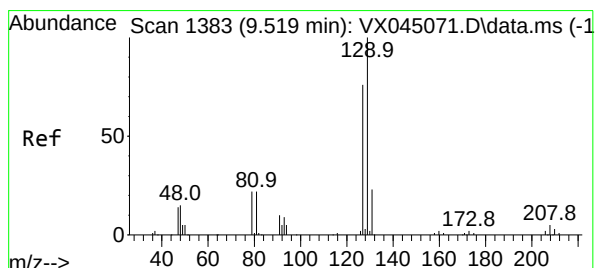
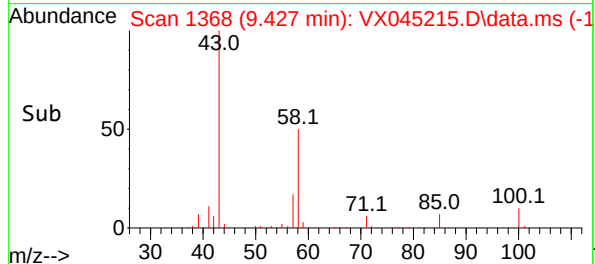
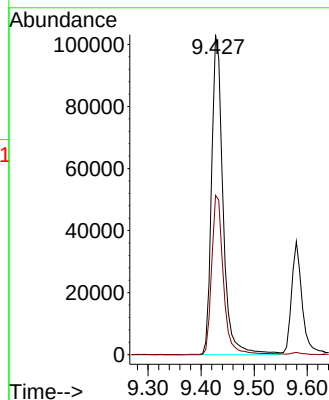
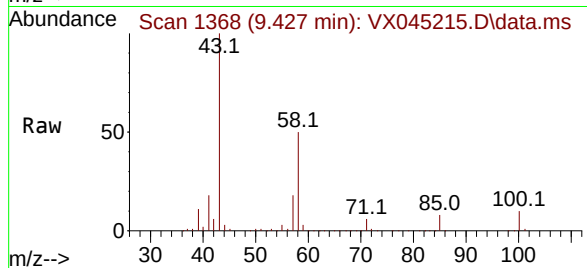
58 51.2 25.9 77.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#60

Dibromochloromethane

Concen: 19.914 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX045215.D

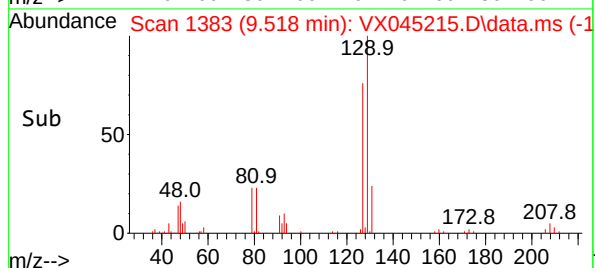
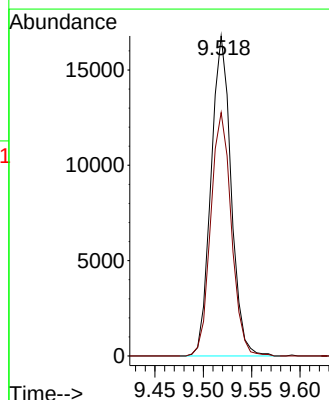
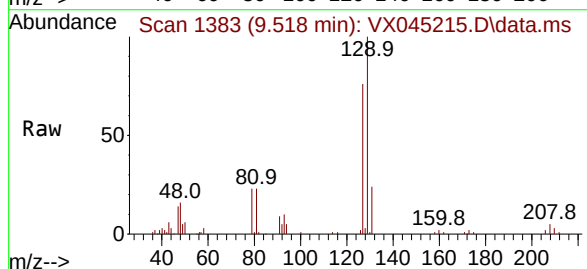
Acq: 11 Mar 2025 11:40

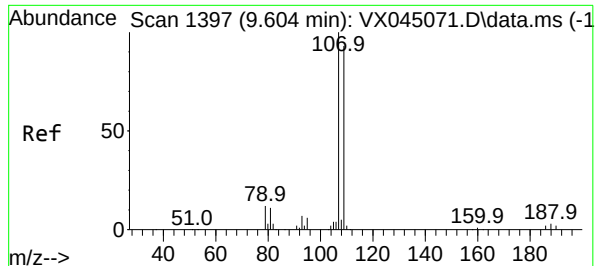
Tgt Ion:129 Resp: 24209

Ion Ratio Lower Upper

129 100

127 78.0 38.5 115.5





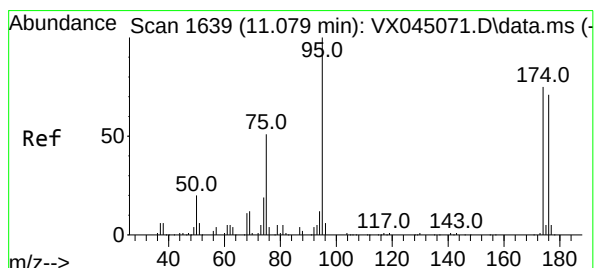
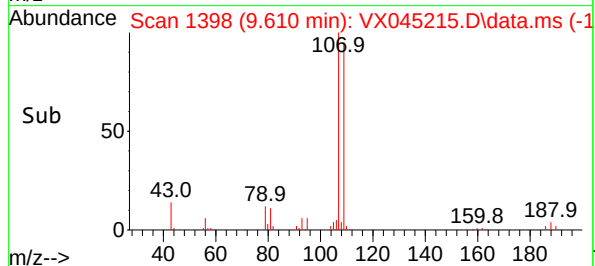
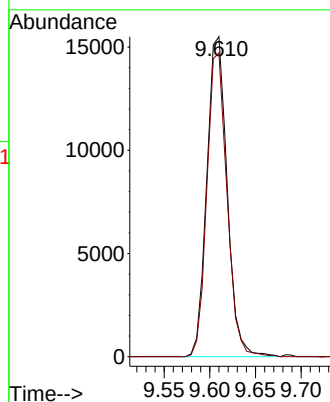
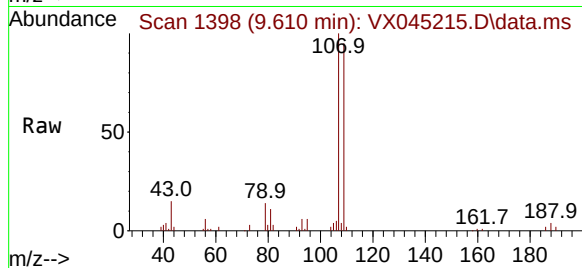
#61
1,2-Dibromoethane
Concen: 20.662 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

Tgt Ion:107 Resp: 2398
Ion Ratio Lower Upper
107 100
109 93.5 76.1 114.1

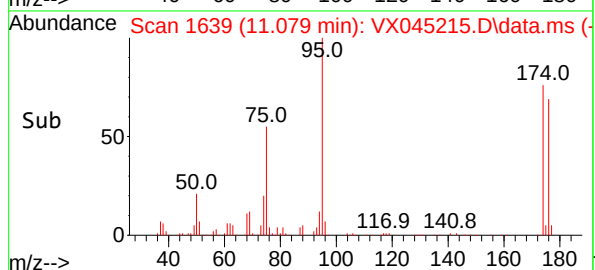
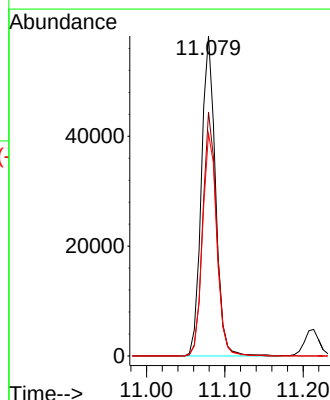
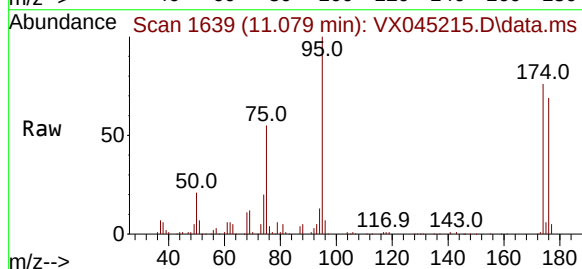
Manual Integrations
APPROVED

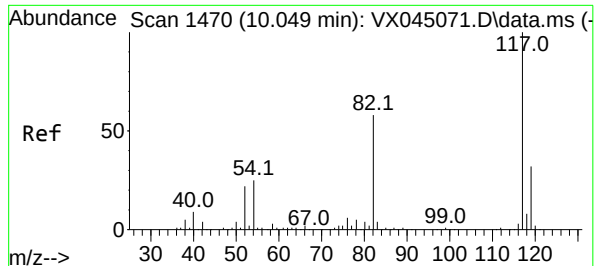
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#62
4-Bromofluorobenzene
Concen: 54.440 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

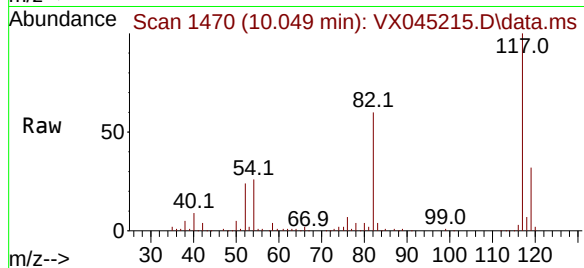
Tgt Ion: 95 Resp: 72695
Ion Ratio Lower Upper
95 100
174 75.0 0.0 148.2
176 70.5 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

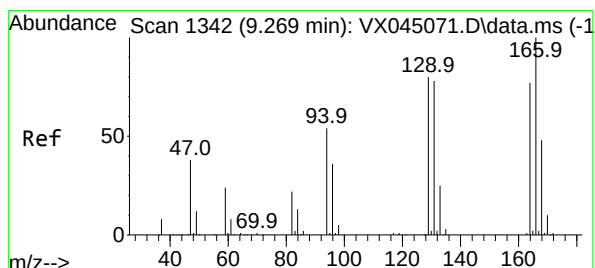
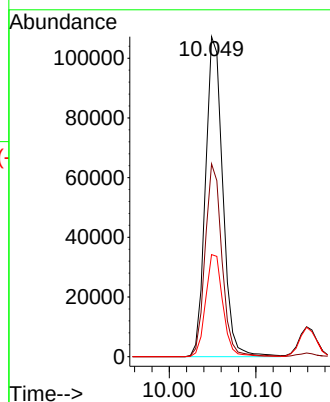
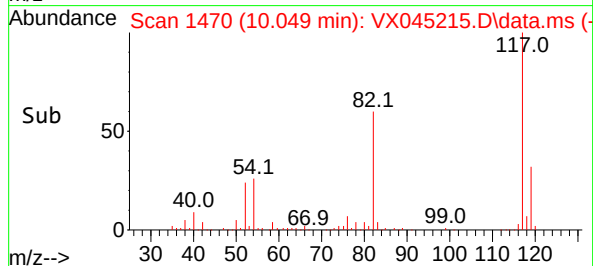
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01



Tgt Ion:117 Resp: 14894
Ion Ratio Lower Upper
117 100
82 60.3 46.3 69.5
119 31.9 25.7 38.5

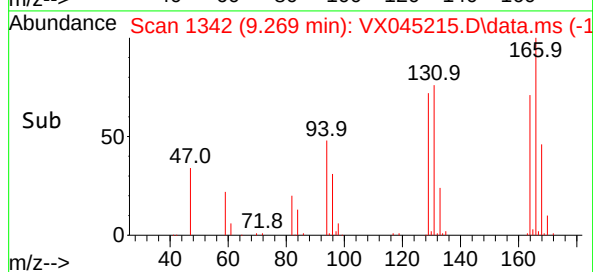
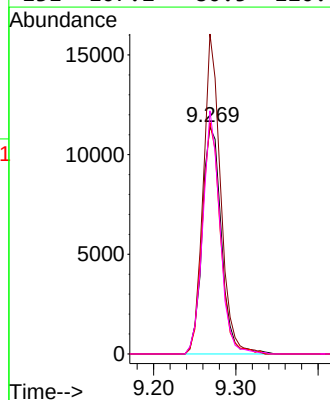
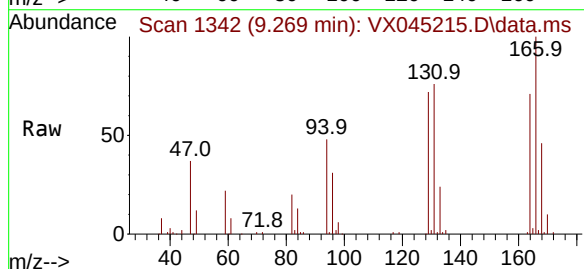
Manual Integrations
APPROVED

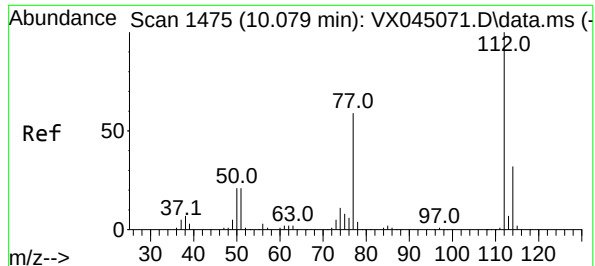
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#64
Tetrachloroethene
Concen: 19.341 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

Tgt Ion:164 Resp: 18450
Ion Ratio Lower Upper
164 100
166 141.1 103.6 155.4
129 102.0 82.7 124.1
131 107.2 80.5 120.7





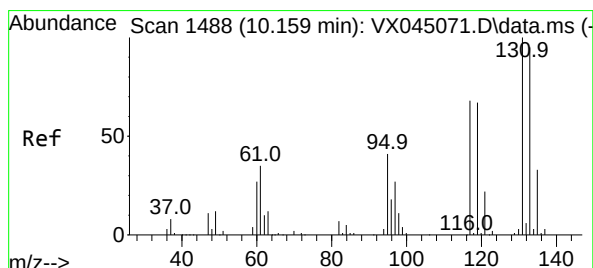
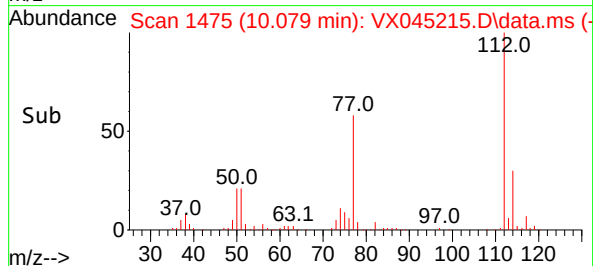
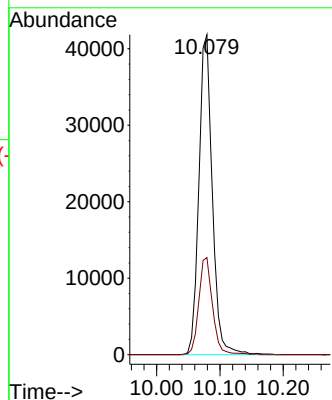
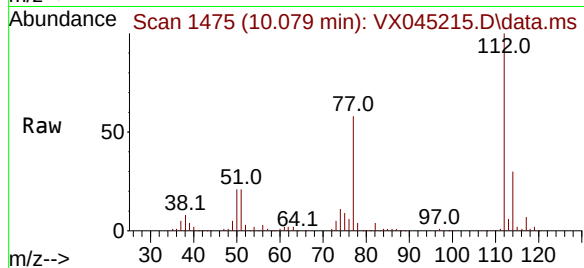
#65
Chlorobenzene
Concen: 19.633 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

Tgt Ion:112 Resp: 61875
Ion Ratio Lower Upper
112 100
114 30.3 26.0 39.0

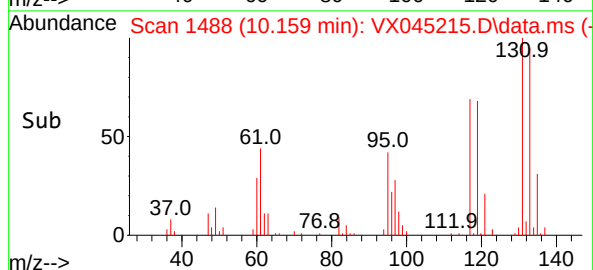
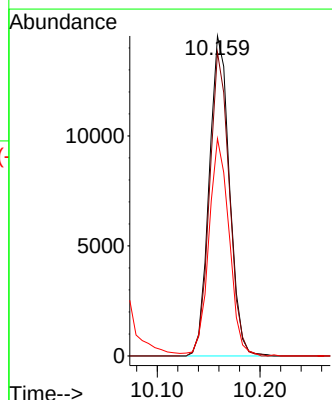
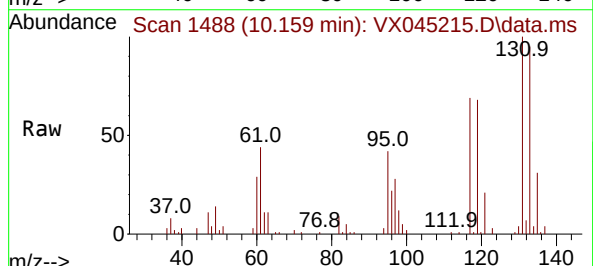
Manual Integrations
APPROVED

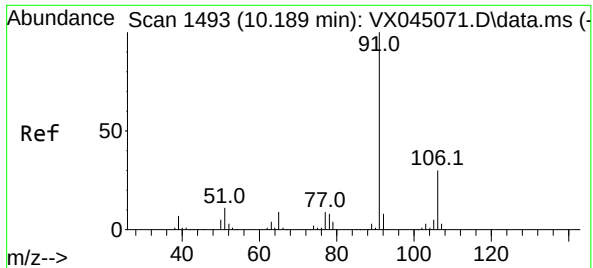
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.035 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

Tgt Ion:131 Resp: 19978
Ion Ratio Lower Upper
131 100
133 92.8 48.6 145.9
119 67.9 33.9 101.7





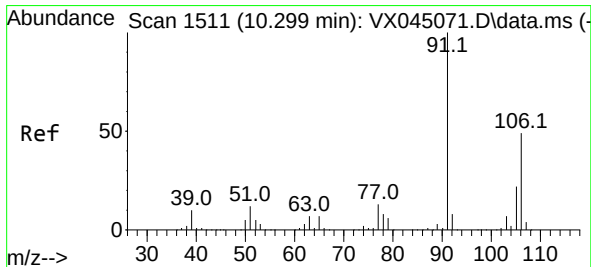
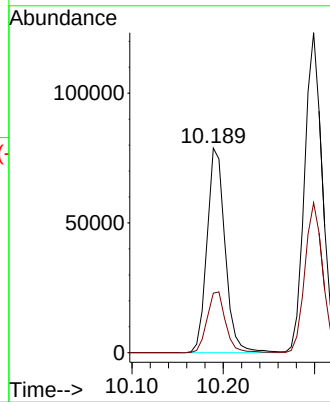
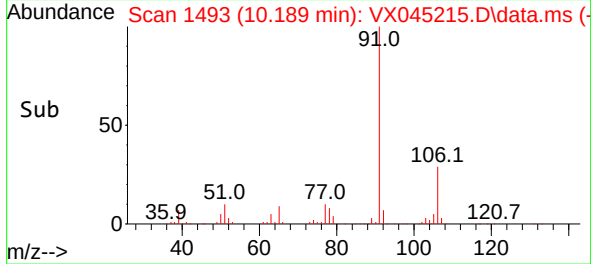
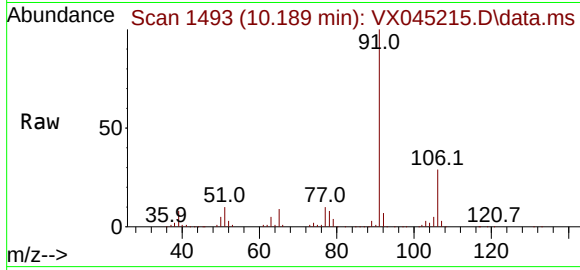
#67
Ethyl Benzene
Concen: 19.710 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

Tgt Ion: 91 Resp: 108234
Ion Ratio Lower Upper
91 100
106 29.1 23.9 35.9

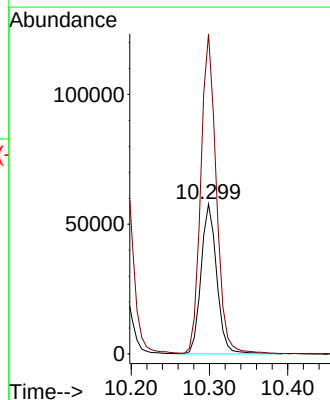
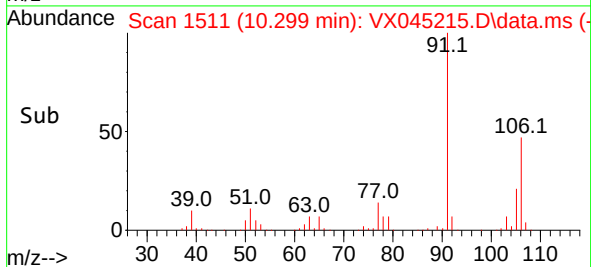
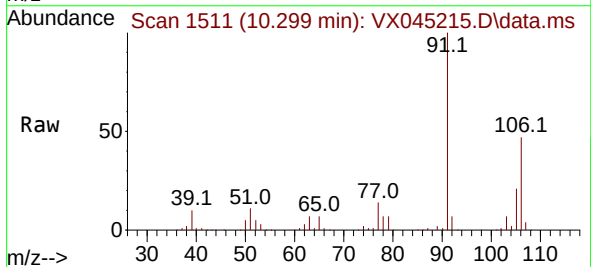
Manual Integrations
APPROVED

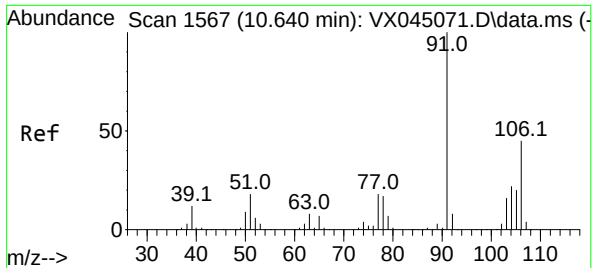
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#68
m/p-Xylenes
Concen: 39.941 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

Tgt Ion:106 Resp: 80292
Ion Ratio Lower Upper
106 100
91 211.5 165.4 248.0





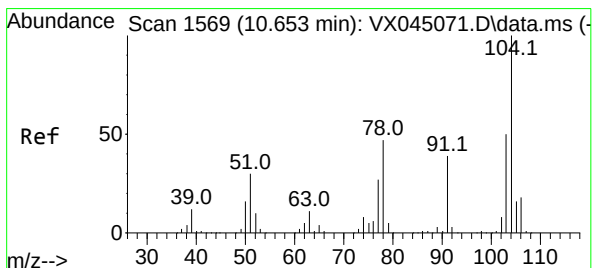
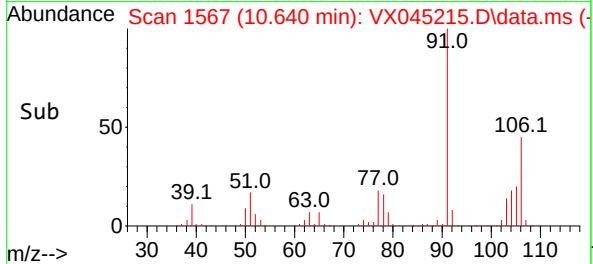
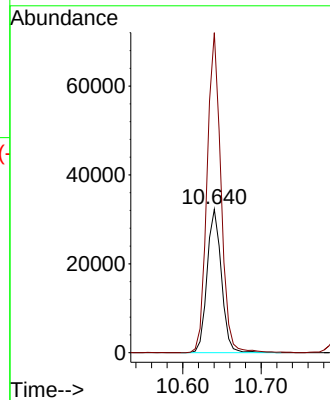
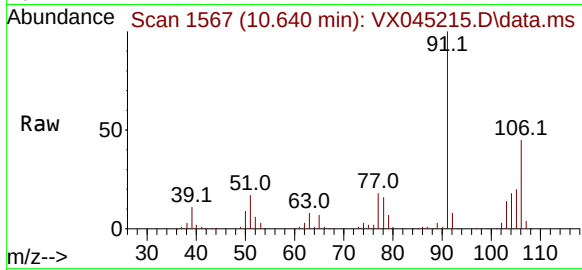
#69
o-Xylene
Concen: 20.185 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

Tgt Ion:106 Resp: 40924
Ion Ratio Lower Upper
106 100
91 215.9 109.9 329.6

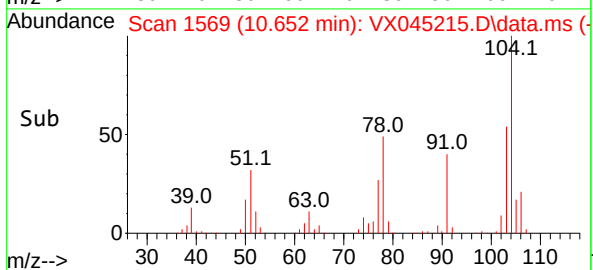
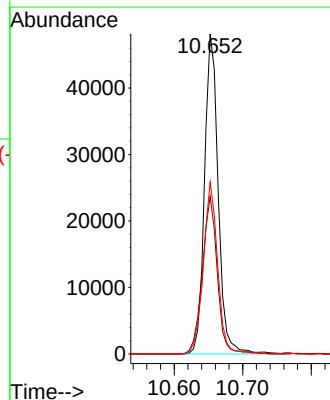
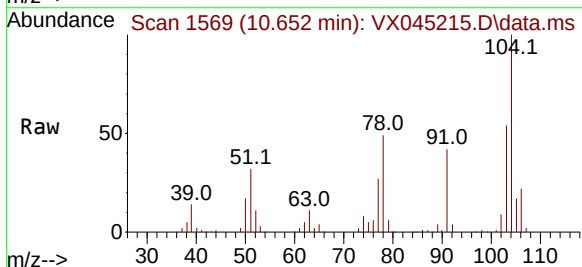
Manual Integrations
APPROVED

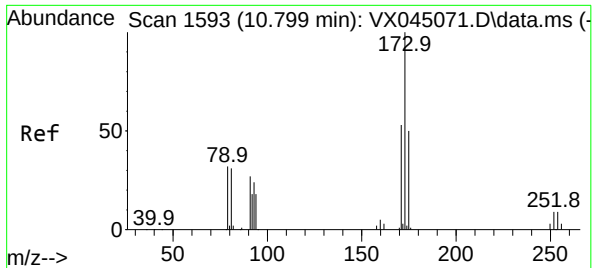
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#70
Styrene
Concen: 20.469 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

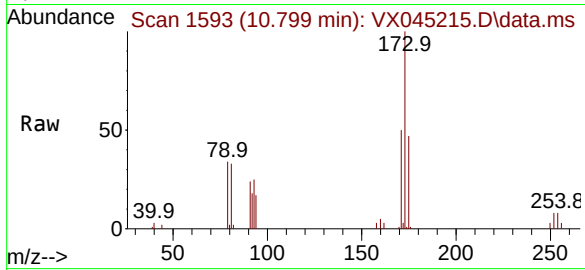
Tgt Ion:104 Resp: 67151
Ion Ratio Lower Upper
104 100
78 53.5 42.2 63.4
103 56.2 43.8 65.8





#71
Bromoform
Concen: 20.340 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

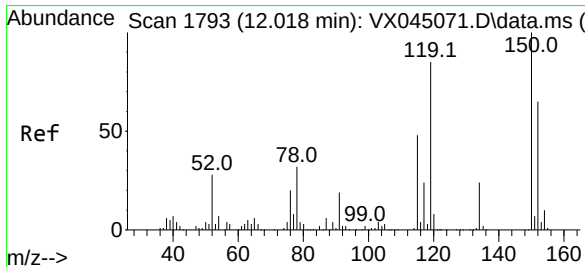
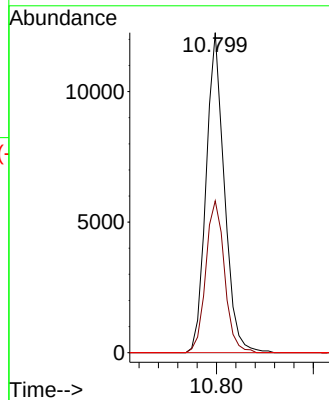
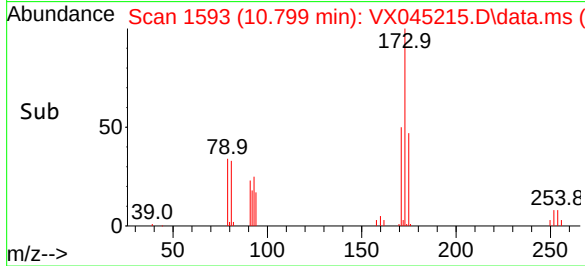
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01



Tgt Ion:173 Resp: 16098
Ion Ratio Lower Upper
173 100
175 48.8 24.6 73.6
254 0.0 0.0 0.0

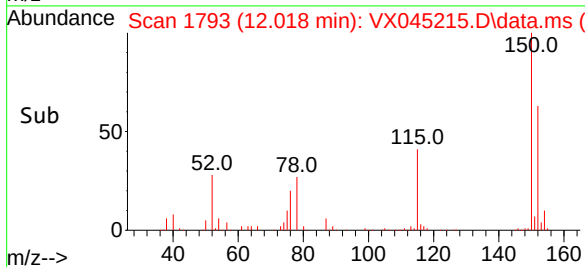
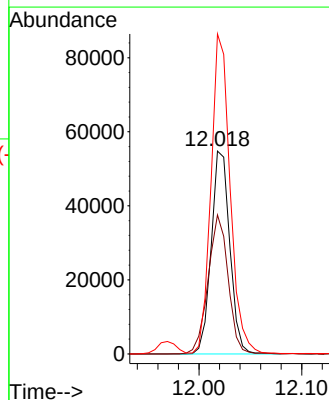
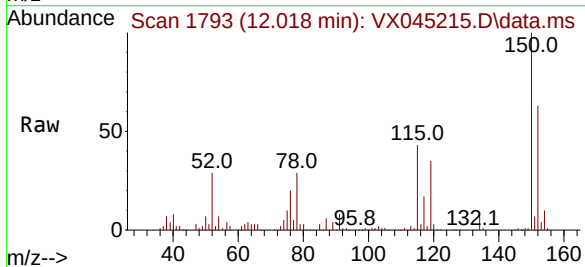
Manual Integrations
APPROVED

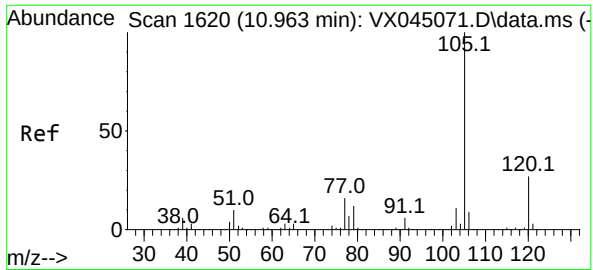
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

Tgt Ion:152 Resp: 68861
Ion Ratio Lower Upper
152 100
115 73.8 44.2 132.6
150 161.8 0.0 349.0





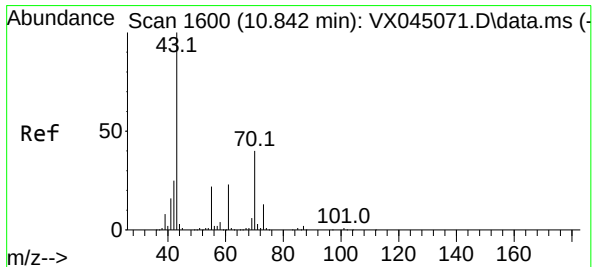
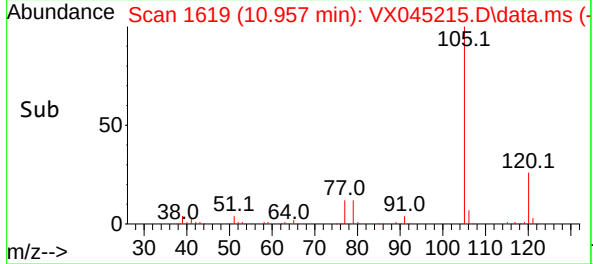
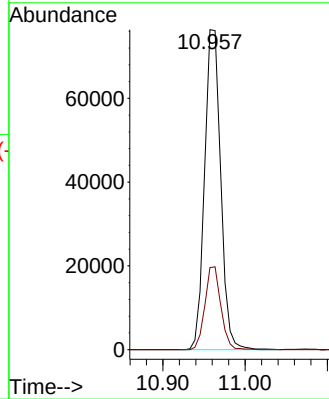
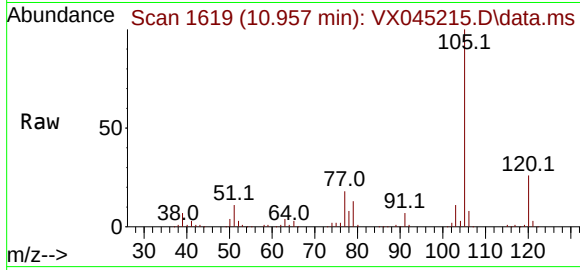
#73
Isopropylbenzene
Concen: 19.390 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

Tgt Ion:105 Resp: 104215
Ion Ratio Lower Upper
105 100
120 25.6 13.2 39.5

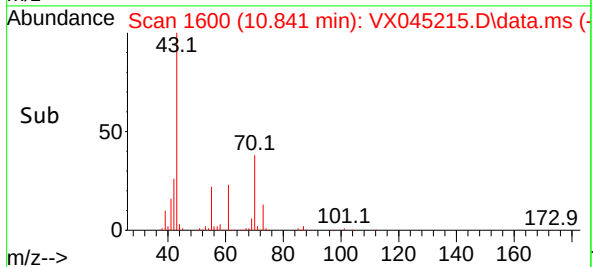
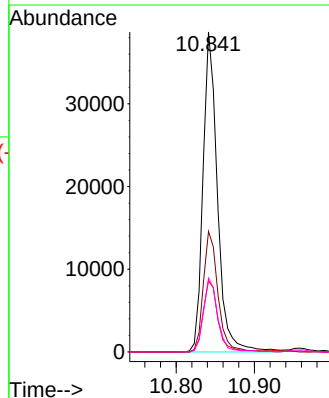
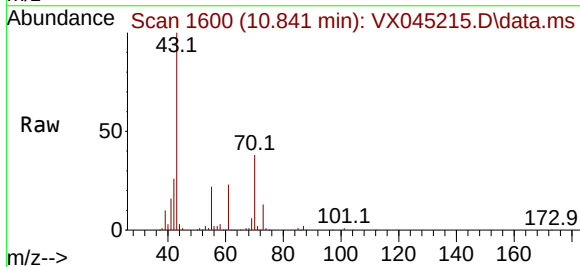
Manual Integrations
APPROVED

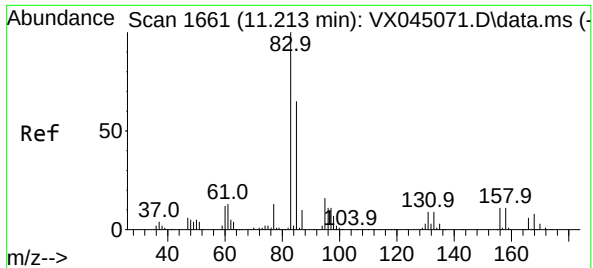
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#74
N-ethyl acetate
Concen: 19.707 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

Tgt Ion: 43 Resp: 49701
Ion Ratio Lower Upper
43 100
70 38.0 31.8 47.6
55 22.9 18.3 27.5
61 22.7 18.3 27.5





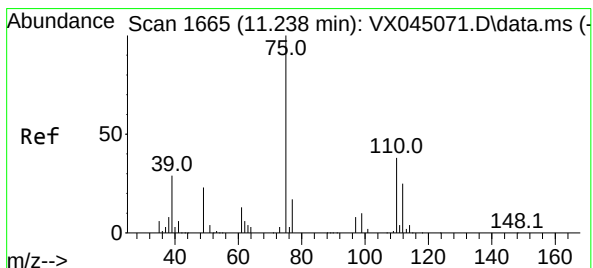
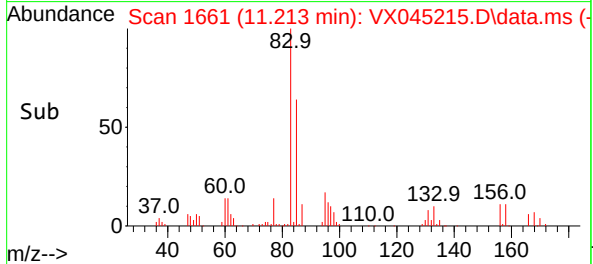
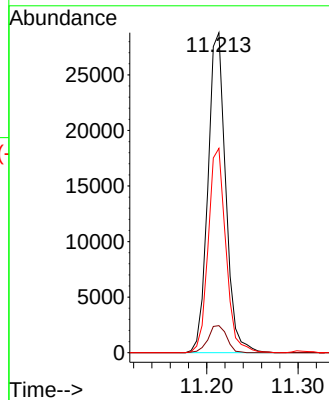
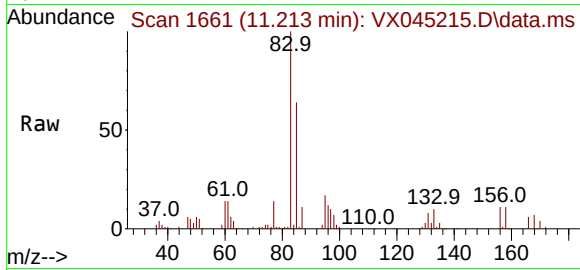
#75
1,1,2,2-Tetrachloroethane
Concen: 19.653 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

Tgt Ion: 83 Resp: 3876
Ion Ratio Lower Upper
83 100
131 8.9 4.5 13.4
85 63.4 31.7 95.1

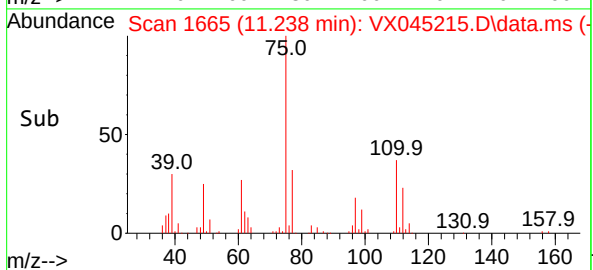
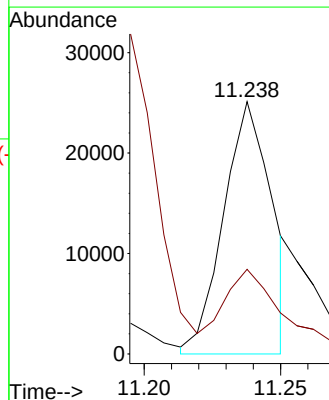
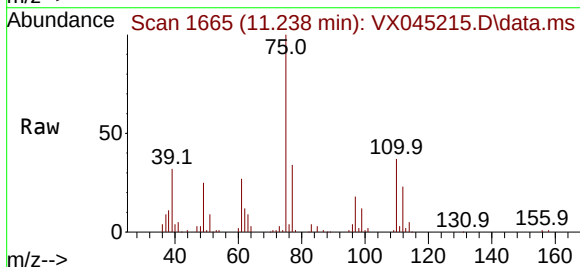
Manual Integrations
APPROVED

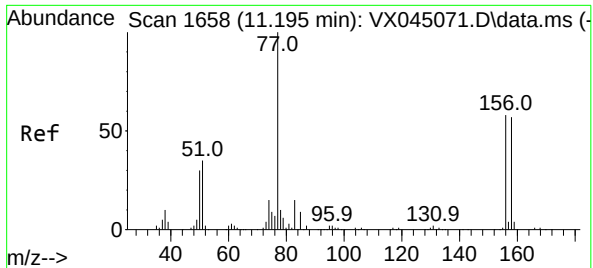
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#76
1,2,3-Trichloropropane
Concen: 19.234 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

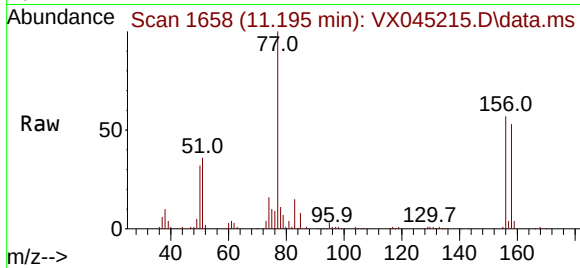
Tgt Ion: 75 Resp: 30828
Ion Ratio Lower Upper
75 100
77 42.8 20.7 62.1





#77
Bromobenzene
Concen: 19.428 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

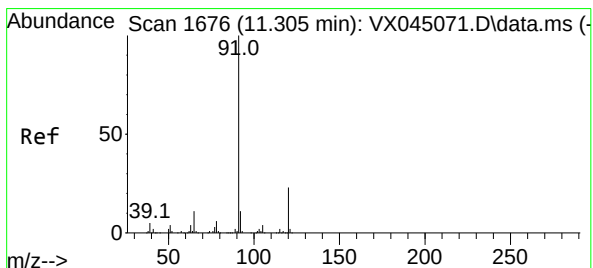
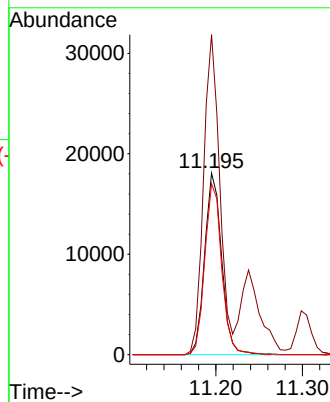
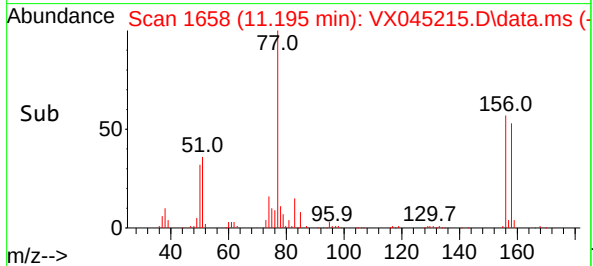
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01



Tgt Ion:156 Resp: 2463
Ion Ratio Lower Upper
156 100
77 167.5 85.8 257.4
158 93.7 48.4 145.2

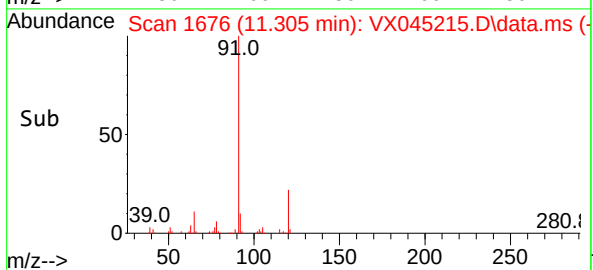
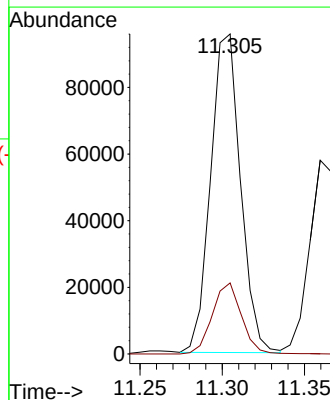
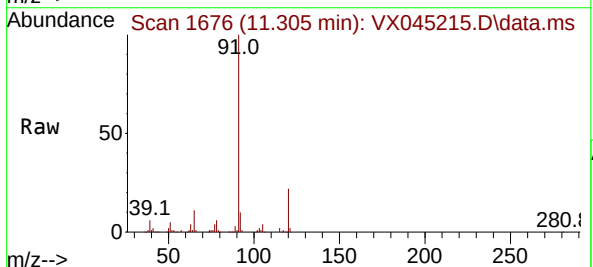
Manual Integrations
APPROVED

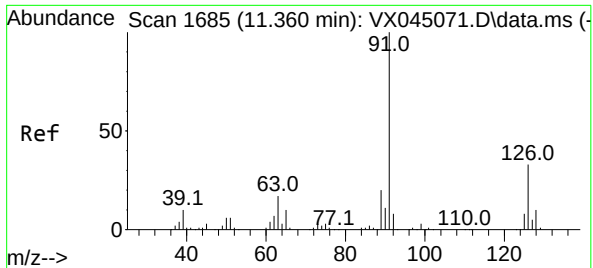
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#78
n-propylbenzene
Concen: 19.934 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

Tgt Ion: 91 Resp: 121031
Ion Ratio Lower Upper
91 100
120 21.8 11.2 33.6





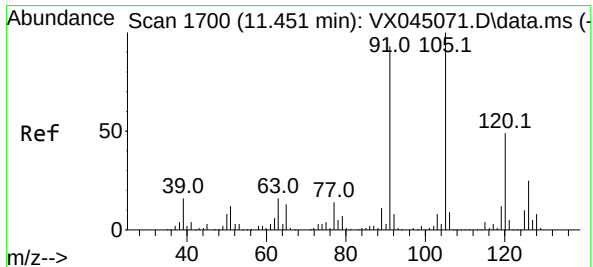
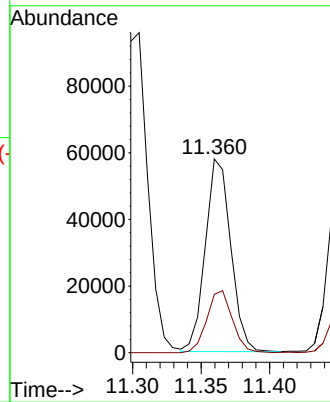
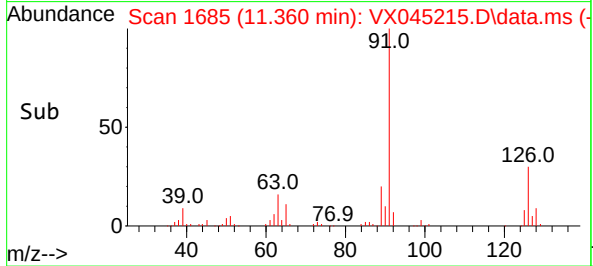
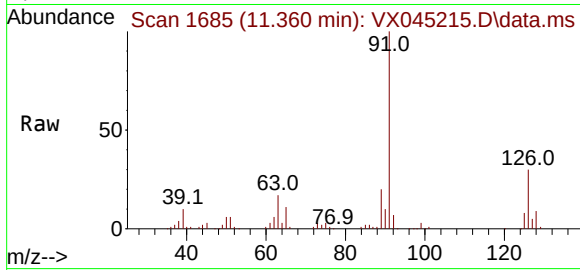
#79
2-Chlorotoluene
Concen: 19.344 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

Tgt Ion: 91 Resp: 74800
Ion Ratio Lower Upper
91 100
126 32.1 16.4 49.4

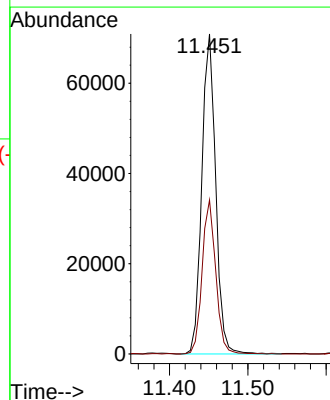
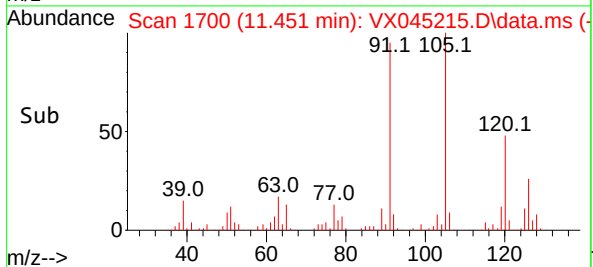
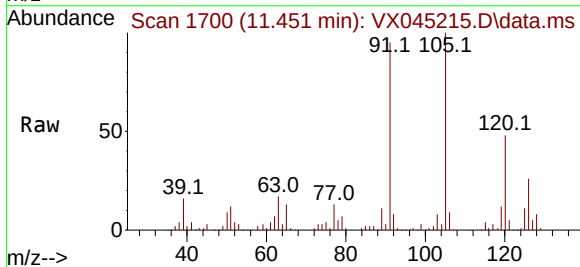
Manual Integrations
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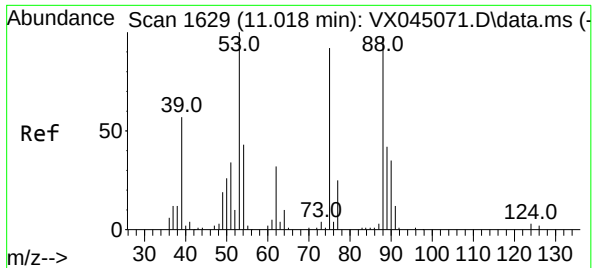
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.096 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

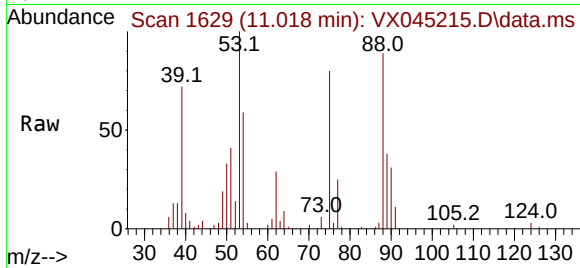
Tgt Ion:105 Resp: 87336
Ion Ratio Lower Upper
105 100
120 47.2 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 19.112 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

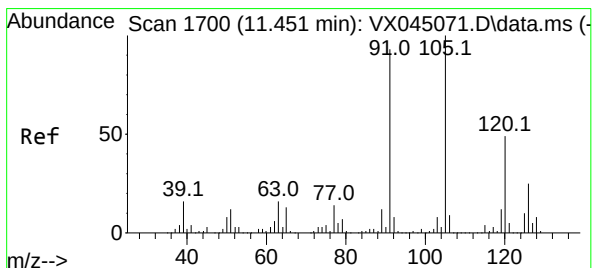
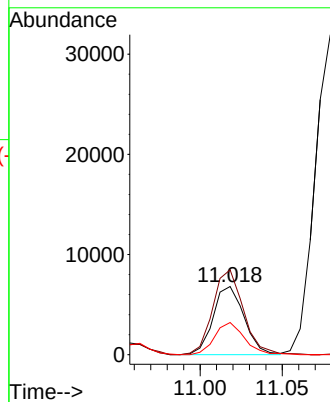
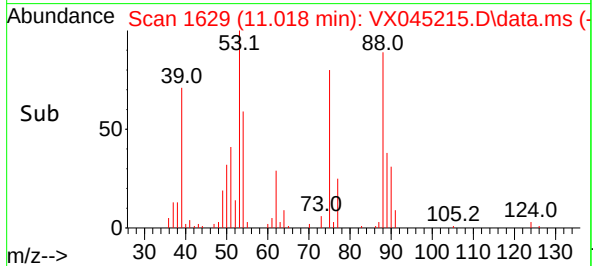
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01



Tgt Ion: 75 Resp: 895
Ion Ratio Lower Upper
75 100
53 123.0 88.5 132.7
89 45.2 36.2 54.4

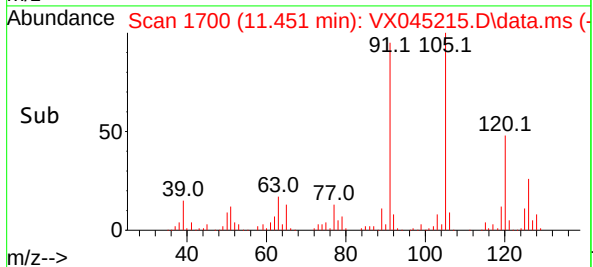
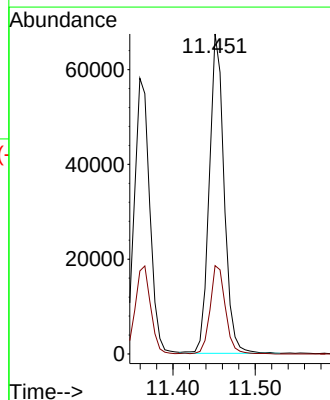
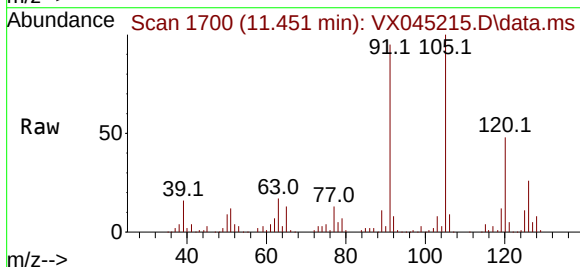
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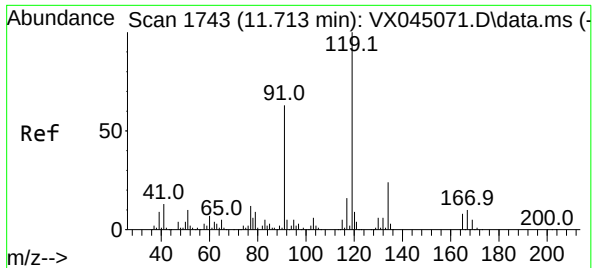
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#82
4-Chlorotoluene
Concen: 20.030 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

Tgt Ion: 91 Resp: 84411
Ion Ratio Lower Upper
91 100
126 28.5 14.1 42.4





#83

tert-Butylbenzene

Concen: 19.342 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX045215.D

Acq: 11 Mar 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

Tgt Ion:119 Resp: 8636

Ion Ratio Lower Upper

119 100

91 62.2 30.7 92.1

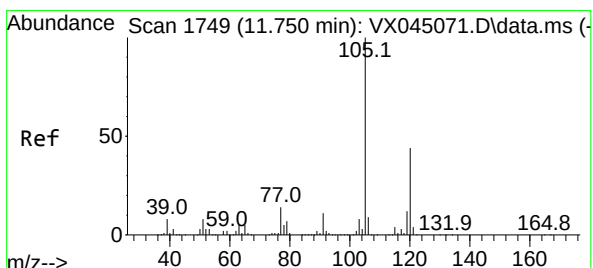
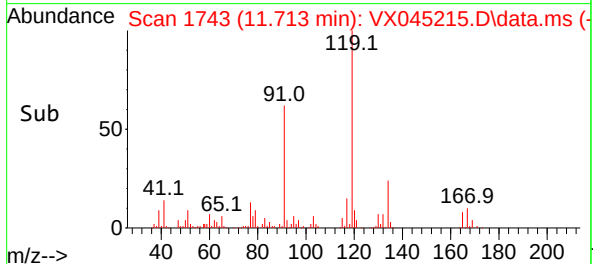
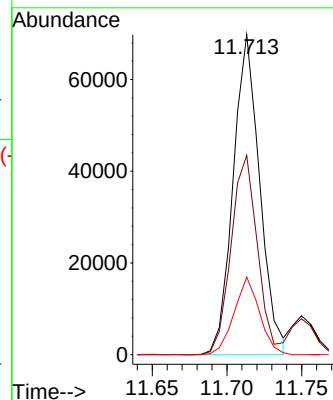
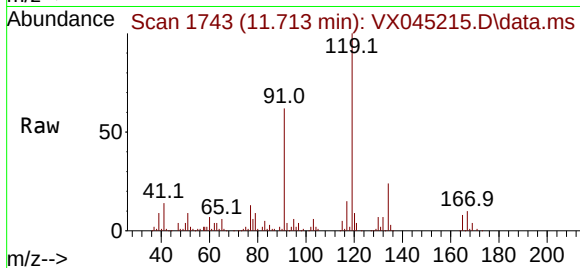
134 23.3 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#84

1,2,4-Trimethylbenzene

Concen: 20.023 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX045215.D

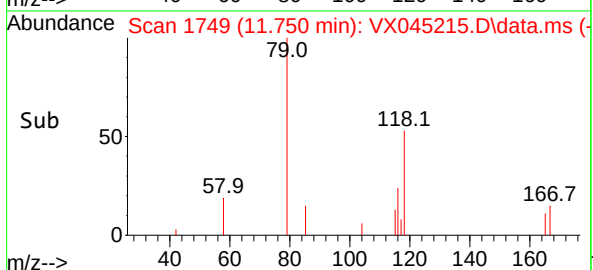
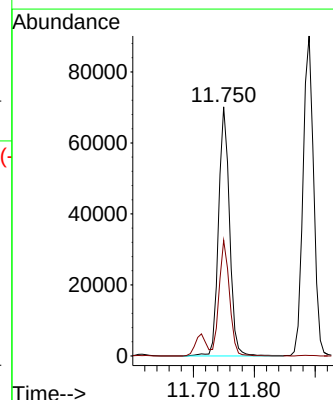
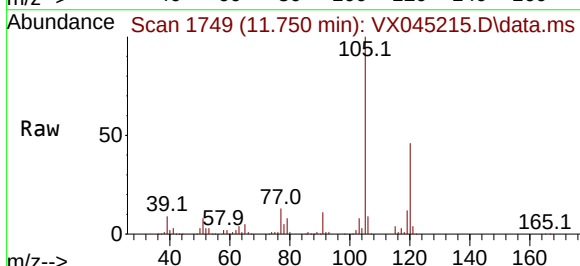
Acq: 11 Mar 2025 11:40

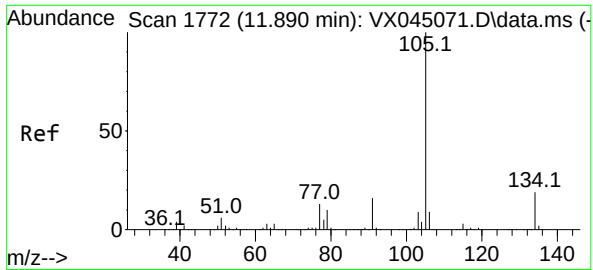
Tgt Ion:105 Resp: 87556

Ion Ratio Lower Upper

105 100

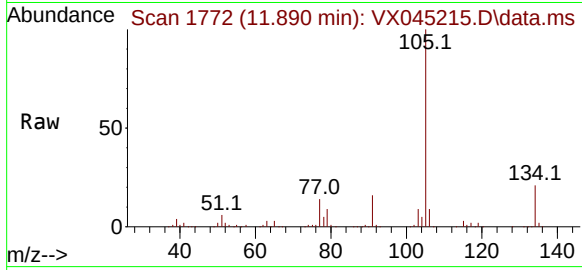
120 44.3 22.1 66.1





#85
 sec-Butylbenzene
 Concen: 20.477 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX045215.D
 Acq: 11 Mar 2025 11:40

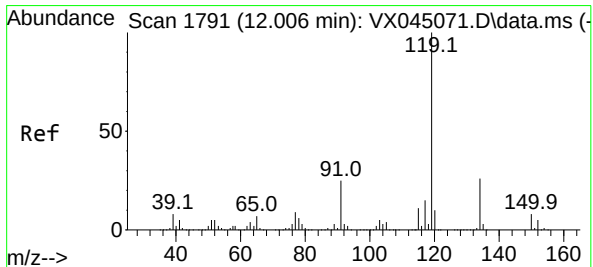
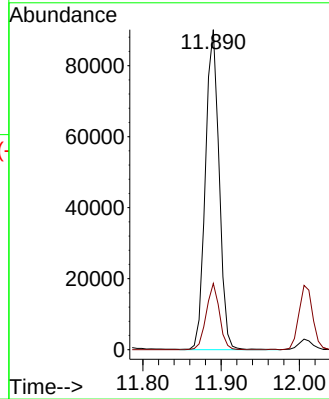
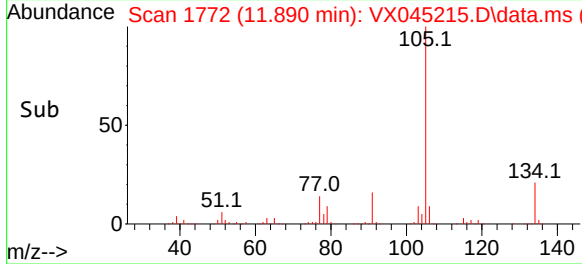
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD01



Tgt Ion:105 Resp: 109529
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.4

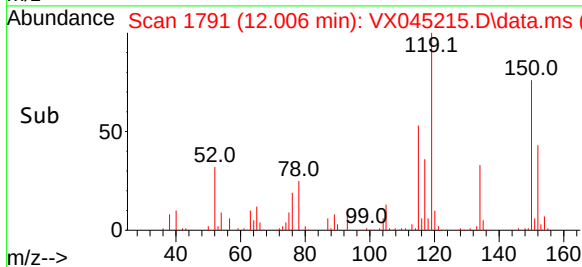
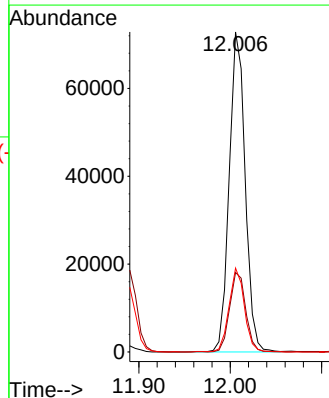
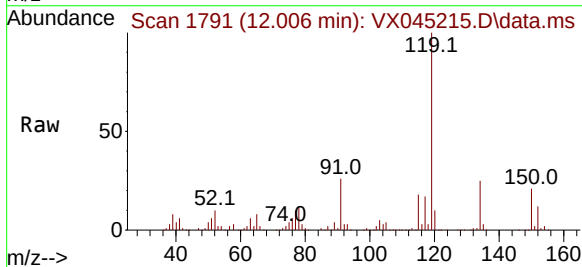
Manual Integrations
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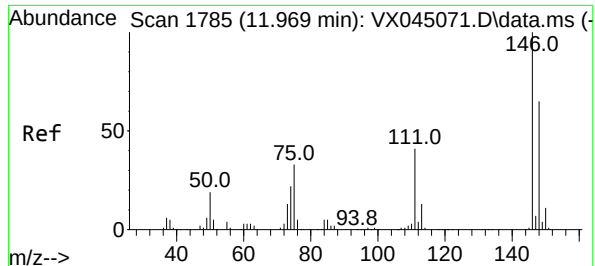
Reviewed By :John Carlone 03/12/2025
 Supervised By :Mahesh Dadoda 03/12/2025



#86
 p-Isopropyltoluene
 Concen: 20.483 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045215.D
 Acq: 11 Mar 2025 11:40

Tgt Ion:119 Resp: 88543
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.9 38.6
 91 25.4 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 19.615 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX045215.D

Acq: 11 Mar 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

Tgt Ion:146 Resp: 44375

Ion Ratio Lower Upper

146 100

111 41.4 21.1 63.4

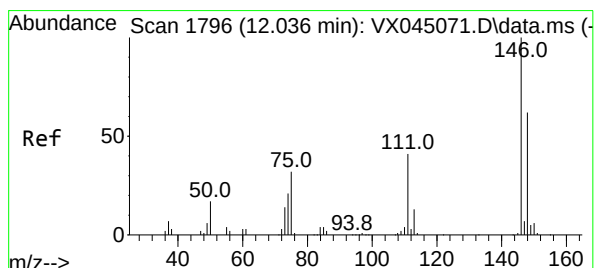
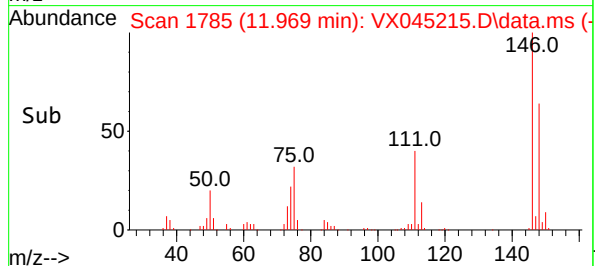
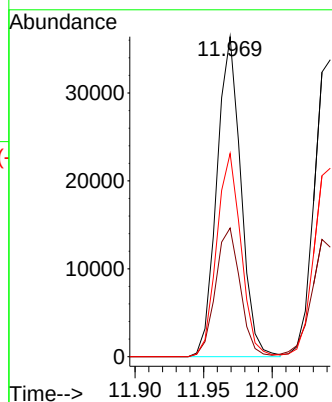
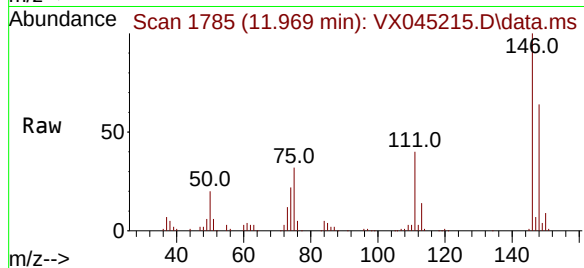
148 64.2 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#88

1,4-Dichlorobenzene

Concen: 19.217 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX045215.D

Acq: 11 Mar 2025 11:40

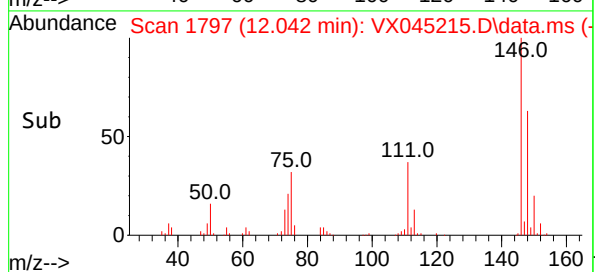
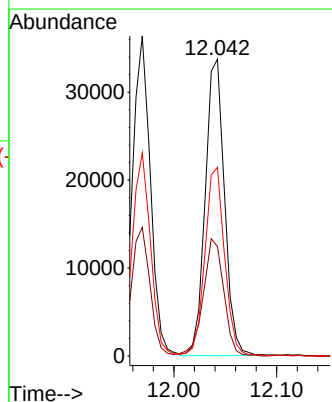
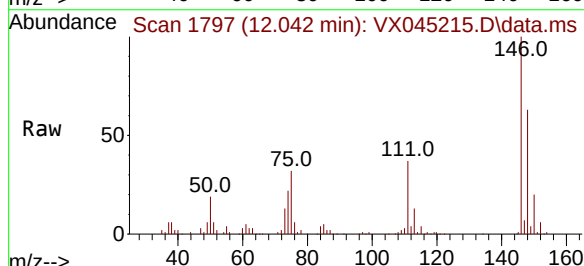
Tgt Ion:146 Resp: 43983

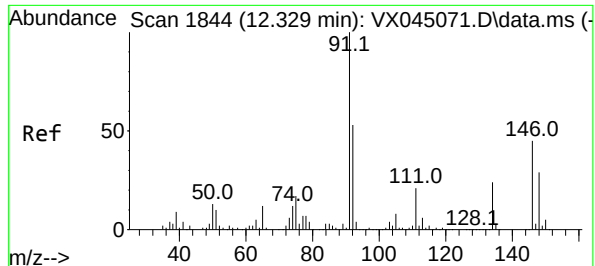
Ion Ratio Lower Upper

146 100

111 42.3 20.2 60.5

148 64.7 31.9 95.9





#89

n-Butylbenzene

Concen: 20.636 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX045215.D

Acq: 11 Mar 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

Tgt Ion: 91 Resp: 76829

Ion Ratio Lower Upper

91 100

92 54.0 26.7 80.0

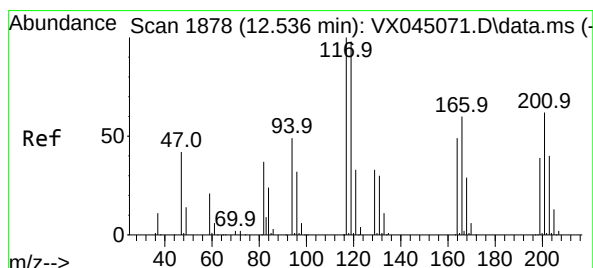
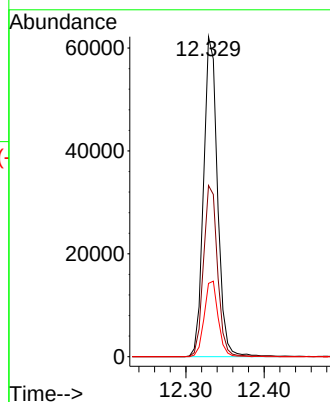
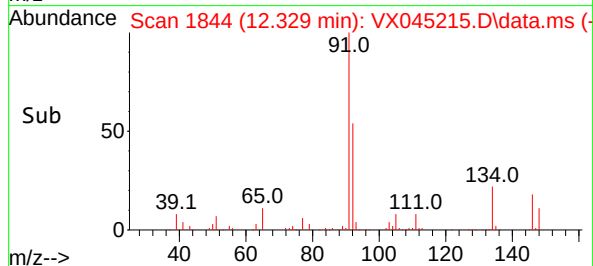
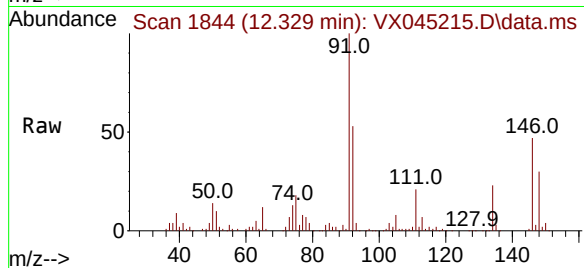
134 23.6 12.2 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#90

Hexachloroethane

Concen: 18.273 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX045215.D

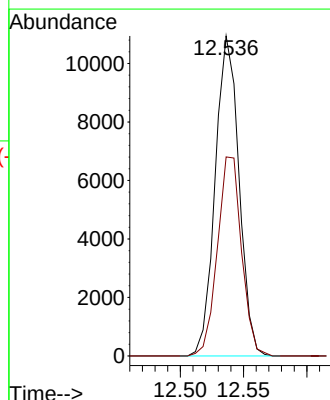
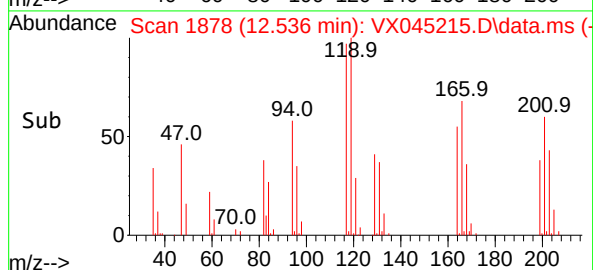
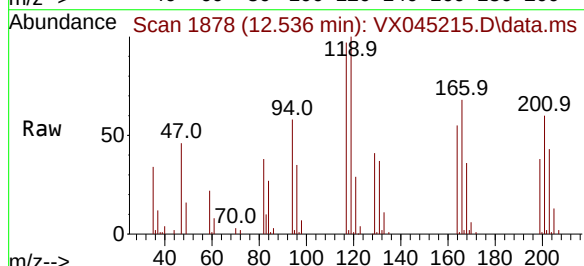
Acq: 11 Mar 2025 11:40

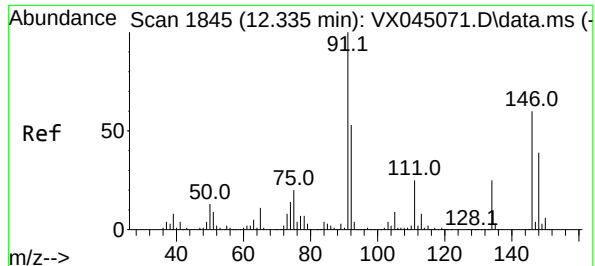
Tgt Ion:117 Resp: 14287

Ion Ratio Lower Upper

117 100

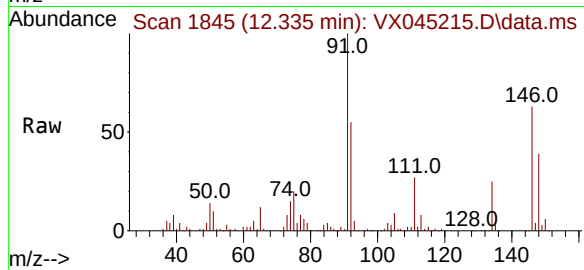
201 63.3 31.9 95.9





#91
1,2-Dichlorobenzene
Concen: 19.759 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

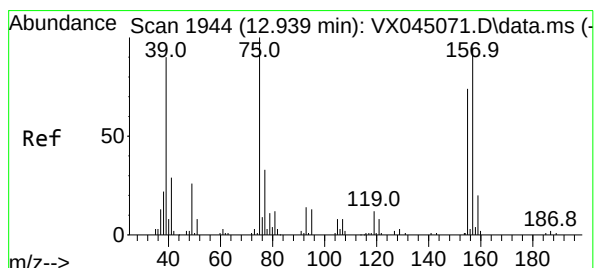
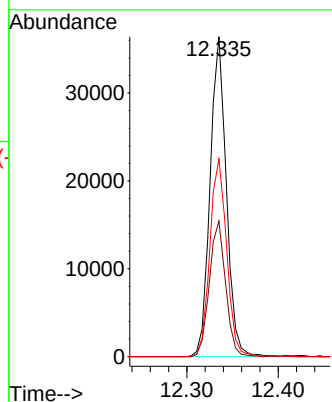
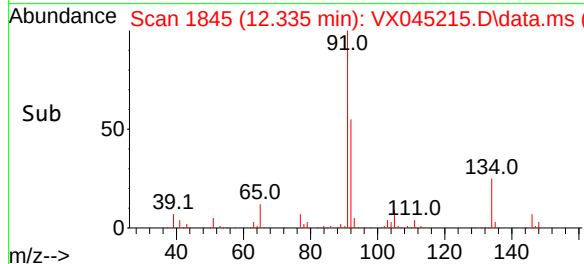
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01



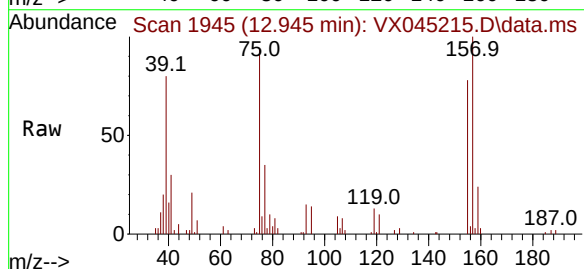
Tgt Ion:146 Resp: 4484
Ion Ratio Lower Upper
146 100
111 42.4 21.6 65.0
148 63.9 31.9 95.9

Manual Integrations
APPROVED

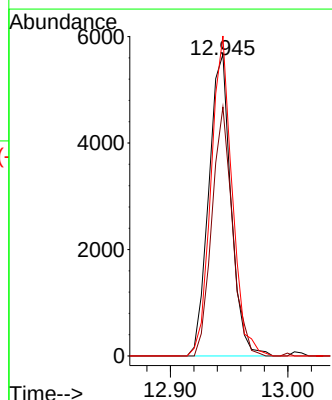
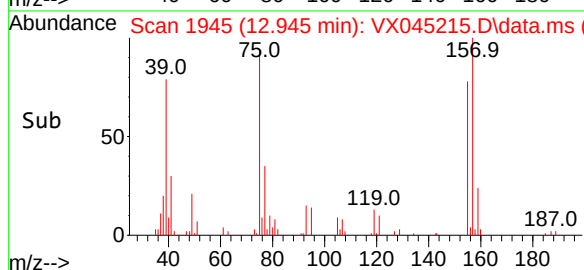
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

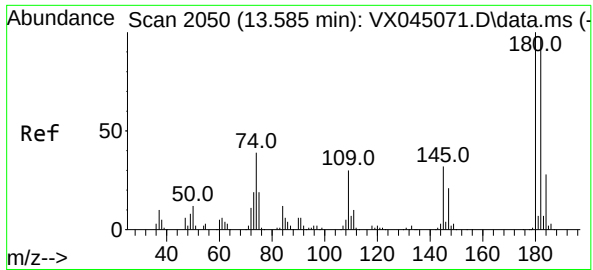


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.352 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40



Tgt Ion: 75 Resp: 7436
Ion Ratio Lower Upper
75 100
155 76.2 39.6 118.7
157 100.8 51.1 153.4





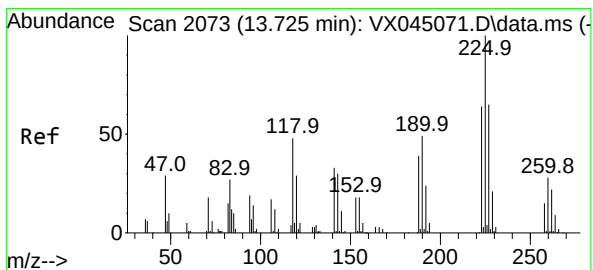
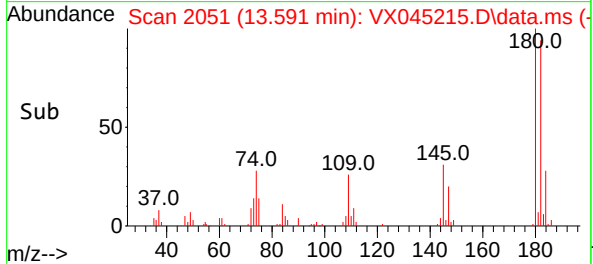
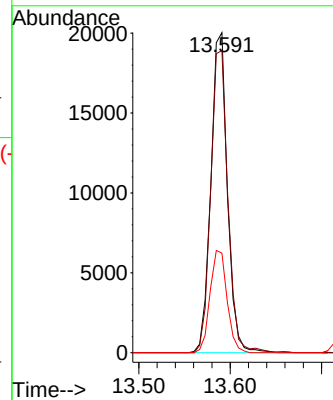
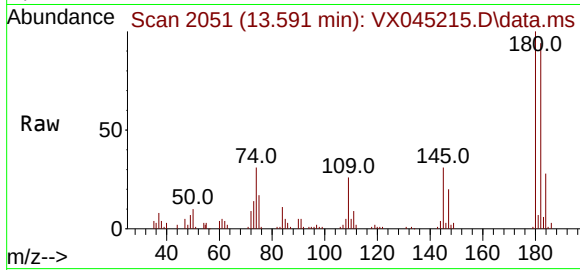
#93
1,2,4-Trichlorobenzene
Concen: 19.453 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

Tgt Ion:180 Resp: 25138
Ion Ratio Lower Upper
180 100
182 97.8 47.3 141.9
145 32.8 16.3 48.9

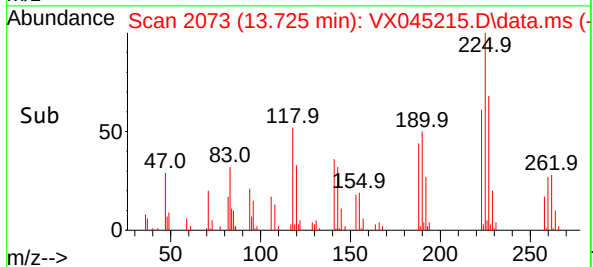
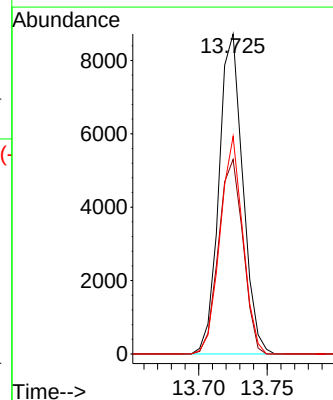
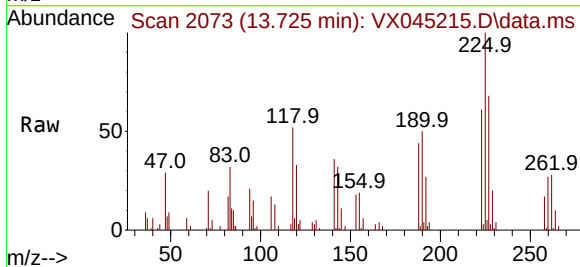
Manual Integrations
APPROVED

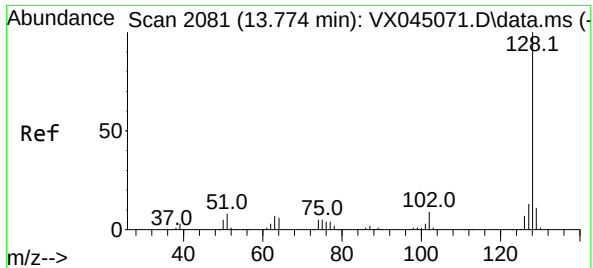
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#94
Hexachlorobutadiene
Concen: 19.880 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

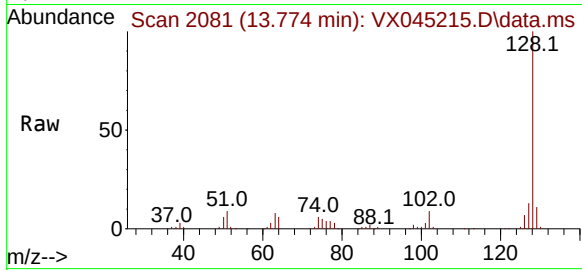
Tgt Ion:225 Resp: 10532
Ion Ratio Lower Upper
225 100
223 62.4 31.9 95.7
227 64.8 31.4 94.0





#95
Naphthalene
Concen: 19.175 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

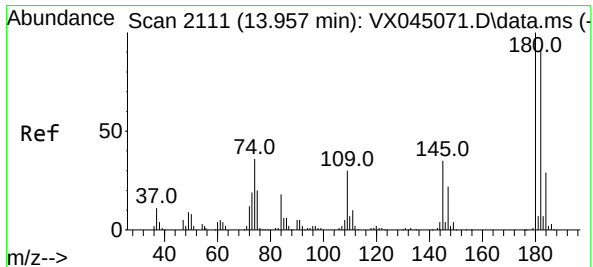
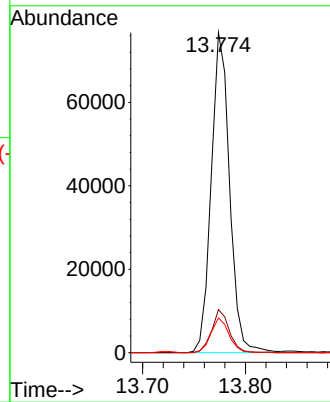
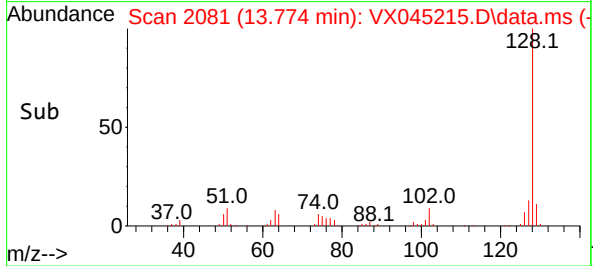
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01



Tgt Ion:128 Resp: 95200
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.8 8.7 13.1

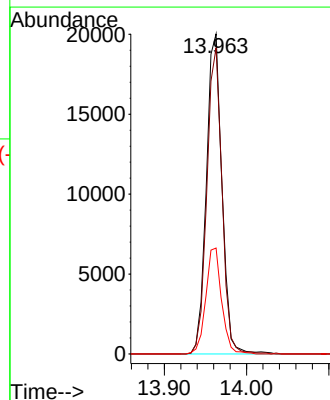
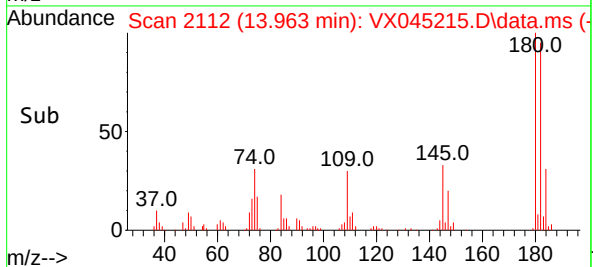
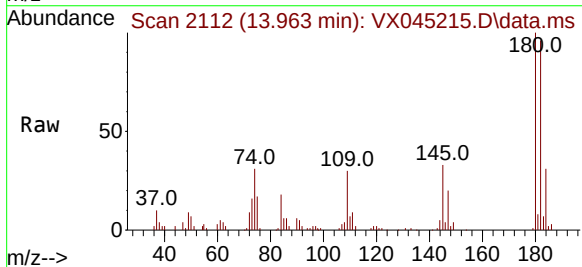
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.287 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

Tgt Ion:180 Resp: 26292
Ion Ratio Lower Upper
180 100
182 93.3 47.5 142.6
145 33.8 17.0 50.9



Manual Integration Report

Sequence:

VX022825

Instrument

MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX045068.D	1,2,3-Trichloropropane	JOHN	2/28/2025 10:05:09 AM	MMDadoda	2/28/2025 11:09:31 AM	Peak Integrated by Software
VSTDICC001	VX045068.D	1,4-Dichlorobenzene	JOHN	2/28/2025 10:05:09 AM	MMDadoda	2/28/2025 11:09:31 AM	Peak Integrated by Software
VSTDICC001	VX045068.D	Carbon Tetrachloride	JOHN	2/28/2025 10:05:09 AM	MMDadoda	2/28/2025 11:09:31 AM	Peak Integrated by Software
VSTDICC001	VX045068.D	Chloroethane	JOHN	2/28/2025 10:05:09 AM	MMDadoda	2/28/2025 11:09:31 AM	Peak Integrated by Software
VSTDICC001	VX045068.D	Ethyl Acetate	JOHN	2/28/2025 10:05:09 AM	MMDadoda	2/28/2025 11:09:31 AM	Peak Integrated by Software
VSTDICC001	VX045068.D	Methacrylonitrile	JOHN	2/28/2025 10:05:09 AM	MMDadoda	2/28/2025 11:09:31 AM	Peak Integrated by Software
VSTDICC001	VX045068.D	Methyl methacrylate	JOHN	2/28/2025 10:05:09 AM	MMDadoda	2/28/2025 11:09:31 AM	Peak Integrated by Software
VSTDICC005	VX045069.D	1,2,3-Trichloropropane	JOHN	2/28/2025 10:05:14 AM	MMDadoda	2/28/2025 11:09:31 AM	Peak Integrated by Software
VSTDICC005	VX045069.D	Tert butyl alcohol	JOHN	2/28/2025 10:05:14 AM	MMDadoda	2/28/2025 11:09:31 AM	Peak Integrated by Software
VSTDICC020	VX045070.D	1,2,3-Trichloropropane	JOHN	2/28/2025 10:05:21 AM	MMDadoda	2/28/2025 11:09:33 AM	Peak Integrated by Software
VSTDICCC050	VX045071.D	1,2,3-Trichloropropane	JOHN	2/28/2025 10:05:25 AM	MMDadoda	2/28/2025 11:09:35 AM	Peak Integrated by Software
VSTDICC100	VX045072.D	1,2,3-Trichloropropane	JOHN	2/28/2025 10:05:30 AM	MMDadoda	2/28/2025 11:09:37 AM	Peak Integrated by Software
VSTDICC150	VX045073.D	1,2,3-Trichloropropane	JOHN	2/28/2025 10:05:33 AM	MMDadoda	2/28/2025 11:09:42 AM	Peak Integrated by Software

Manual Integration Report

Sequence:

VX022825

Instrument

MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICV050	VX045075.D	1,2,3-Trichloropropane	JOHN	2/28/2025 10:05:38 AM	MMDadoda	2/28/2025 11:09:44 AM	Peak Integrated by Software
VSTDCCC050	VX045077.D	1,2,3-Trichloropropane	JOHN	3/3/2025 8:20:45 AM	MMDadoda	3/3/2025 1:49:43 PM	Peak Integrated by Software
VSTDCCC050	VX045077.D	Tert butyl alcohol	JOHN	3/3/2025 8:20:45 AM	MMDadoda	3/3/2025 1:49:43 PM	Peak Integrated by Software
VSTDCCC050	VX045098.D	1,2,3-Trichloropropane	JOHN	3/3/2025 8:20:59 AM	MMDadoda	3/3/2025 1:49:50 PM	Peak Integrated by Software

Manual Integration Report

Sequence:

VX031125

Instrument

MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX045211.D	1,2,3-Trichloropropane	JOHN	3/12/2025 9:52:29 AM	MMDadoda	3/12/2025 3:17:16 PM	Peak Integrated by Software
VX0311WBS01	VX045214.D	1,2,3-Trichloropropane	JOHN	3/12/2025 9:52:33 AM	MMDadoda	3/12/2025 3:17:16 PM	Peak Integrated by Software
VX0311WBSD01	VX045215.D	1,2,3-Trichloropropane	JOHN	3/12/2025 9:52:37 AM	MMDadoda	3/12/2025 3:17:18 PM	Peak Integrated by Software
Q1525-01	VX045235.D	n-Butylbenzene	JOHN	3/12/2025 9:52:55 AM	MMDadoda	3/12/2025 3:17:19 PM	Peak Integrated by Software
VSTDCCC050	VX045236.D	1,2,3-Trichloropropane	JOHN	3/12/2025 9:53:00 AM	MMDadoda	3/12/2025 3:17:20 PM	Peak Integrated by Software

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX022825

Review By	Mahesh Dadoda	Review On	2/28/2025 11:09:50 AM
Supervise By	Semsettin Yesilyurt	Supervise On	2/28/2025 11:11:09 AM
SubDirectory	VX022825	HP Acquire Method	HP Processing Method 82X022825W.M
STD. NAME	STD REF.#		
Tune/Reschk	VP133187,VP133189		
Initial Calibration Stds	VP133194,VP133195,VP133196,VP133197,VP133198,VP133199		
CCC	VP133188,VP133190		
Internal Standard/PEM			
ICV/I.BLK	VP133200		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX045067.D	28 Feb 2025 01:03	JC/MD	Ok
2	VSTDIC001	VX045068.D	28 Feb 2025 01:27	JC/MD	Ok,M
3	VSTDIC005	VX045069.D	28 Feb 2025 02:13	JC/MD	Ok,M
4	VSTDIC020	VX045070.D	28 Feb 2025 02:37	JC/MD	Ok,M
5	VSTDIC050	VX045071.D	28 Feb 2025 03:00	JC/MD	Ok,M
6	VSTDIC100	VX045072.D	28 Feb 2025 03:23	JC/MD	Ok,M
7	VSTDIC150	VX045073.D	28 Feb 2025 03:47	JC/MD	Ok,M
8	IBLK	VX045074.D	28 Feb 2025 04:10	JC/MD	Ok
9	VSTDICV050	VX045075.D	28 Feb 2025 04:33	JC/MD	Ok,M
10	BFB	VX045076.D	28 Feb 2025 10:03	JC/MD	Ok
11	VSTDIC050	VX045077.D	28 Feb 2025 10:32	JC/MD	Ok,M
12	VX0228MBL01	VX045078.D	28 Feb 2025 11:00	JC/MD	Ok
13	VX0228WBL01	VX045079.D	28 Feb 2025 11:23	JC/MD	Ok
14	VX0228WBS01	VX045080.D	28 Feb 2025 11:46	JC/MD	Ok,M
15	VX0228WBSD01	VX045081.D	28 Feb 2025 12:13	JC/MD	Ok,M
16	Q1401-03	VX045082.D	28 Feb 2025 12:37	JC/MD	Ok
17	Q1401-06	VX045083.D	28 Feb 2025 13:00	JC/MD	Ok
18	Q1423-01	VX045084.D	28 Feb 2025 13:23	JC/MD	Ok
19	Q1423-03	VX045085.D	28 Feb 2025 13:47	JC/MD	Ok
20	Q1403-01	VX045086.D	28 Feb 2025 14:10	JC/MD	Ok
21	Q1403-02	VX045087.D	28 Feb 2025 14:33	JC/MD	Ok

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX022825

Review By	Maresh Dadoda	Review On	2/28/2025 11:09:50 AM
Supervise By	Semsettin Yesilyurt	Supervise On	2/28/2025 11:11:09 AM
SubDirectory	VX022825	HP Acquire Method	HP Processing Method 82X022825W.M
STD. NAME	STD REF.#		
Tune/Reschk	VP133187,VP133189		
Initial Calibration Stds	VP133194,VP133195,VP133196,VP133197,VP133198,VP133199		
CCC	VP133188,VP133190		
Internal Standard/PEM			
ICV/I.BLK	VP133200		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	Q1435-01	VX045088.D	28 Feb 2025 14:57	JC/MD	Ok
23	Q1403-04	VX045089.D	28 Feb 2025 15:20	JC/MD	Ok
24	Q1462-02	VX045090.D	28 Feb 2025 15:44	JC/MD	Ok
25	Q1469-01	VX045091.D	28 Feb 2025 16:07	JC/MD	Ok
26	Q1469-02	VX045092.D	28 Feb 2025 16:31	JC/MD	Ok
27	Q1469-03	VX045093.D	28 Feb 2025 16:54	JC/MD	Ok
28	Q1469-04	VX045094.D	28 Feb 2025 17:17	JC/MD	Ok
29	Q1403-03	VX045095.D	28 Feb 2025 17:41	JC/MD	Ok
30	Q1462-01	VX045096.D	28 Feb 2025 18:04	JC/MD	Ok,M
31	IBLK	VX045097.D	28 Feb 2025 18:27	JC/MD	Ok
32	VSTDCCC050	VX045098.D	28 Feb 2025 18:50	JC/MD	Ok,M

M : Manual Integration

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX031125

Review By	John Carlone	Review On	3/12/2025 10:04:41 AM
Supervise By	Maresh Dadoda	Supervise On	3/12/2025 3:17:22 PM
SubDirectory	VX031125	HP Acquire Method	HP Processing Method 82X022825W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP133244		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP133245,VP133246		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX045210.D	11 Mar 2025 09:30	JC/MD	Ok
2	VSTDCCC050	VX045211.D	11 Mar 2025 09:59	JC/MD	Ok,M
3	VX0311MBL01	VX045212.D	11 Mar 2025 10:27	JC/MD	Ok
4	VX0311WBL01	VX045213.D	11 Mar 2025 10:51	JC/MD	Ok
5	VX0311WBS01	VX045214.D	11 Mar 2025 11:14	JC/MD	Ok,M
6	VX0311WBSD01	VX045215.D	11 Mar 2025 11:40	JC/MD	Ok,M
7	Q1502-01	VX045216.D	11 Mar 2025 12:03	JC/MD	Ok
8	IBLK	VX045217.D	11 Mar 2025 12:27	JC/MD	Ok
9	Q1500-07DL	VX045218.D	11 Mar 2025 12:50	JC/MD	Ok
10	Q1531-16DL	VX045219.D	11 Mar 2025 13:13	JC/MD	Ok
11	Q1500-04DL	VX045220.D	11 Mar 2025 13:36	JC/MD	Ok
12	Q1531-03DL	VX045221.D	11 Mar 2025 14:00	JC/MD	Ok
13	Q1531-05DL	VX045222.D	11 Mar 2025 14:23	JC/MD	Ok
14	Q1531-11DL	VX045223.D	11 Mar 2025 14:46	JC/MD	Ok
15	Q1531-17DL	VX045224.D	11 Mar 2025 15:09	JC/MD	Ok
16	Q1531-07DL	VX045225.D	11 Mar 2025 15:33	JC/MD	Ok
17	Q1531-18	VX045226.D	11 Mar 2025 15:56	JC/MD	Ok
18	Q1531-21	VX045227.D	11 Mar 2025 16:19	JC/MD	Ok
19	Q1531-02	VX045228.D	11 Mar 2025 16:43	JC/MD	Ok
20	Q1541-01	VX045229.D	11 Mar 2025 17:06	JC/MD	Ok
21	Q1531-19	VX045230.D	11 Mar 2025 17:29	JC/MD	Dilution

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX031125

Review By	John Carlone	Review On	3/12/2025 10:04:41 AM
Supervise By	Mahesh Dadoda	Supervise On	3/12/2025 3:17:22 PM
SubDirectory	VX031125	HP Acquire Method	HP Processing Method 82X022825W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP133244		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP133245,VP133246		

22	Q1531-20	VX045231.D	11 Mar 2025 17:52	JC/MD	ReRun
23	Q1531-12	VX045232.D	11 Mar 2025 18:16	JC/MD	Dilution
24	Q1531-15	VX045233.D	11 Mar 2025 18:39	JC/MD	Dilution
25	Q1531-06	VX045234.D	11 Mar 2025 19:02	JC/MD	Not Ok
26	Q1525-01	VX045235.D	11 Mar 2025 19:25	JC/MD	Ok,M
27	VSTDCCC050	VX045236.D	11 Mar 2025 19:49	JC/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX022825

Review By	Mahesh Dadoda	Review On	2/28/2025 11:09:50 AM
Supervise By	Semsettin Yesilyurt	Supervise On	2/28/2025 11:11:09 AM
SubDirectory	VX022825	HP Acquire Method	HP Processing Method 82X022825W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133187,VP133189
Initial Calibration Stds	VP133194,VP133195,VP133196,VP133197,VP133198,VP133199
CCC	VP133188,VP133190
Internal Standard/PEM	
ICV/I.BLK	VP133200
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX045067.D	28 Feb 2025 01:03		JC/MD	Ok
2	VSTDIC001	VSTDIC001	VX045068.D	28 Feb 2025 01:27		JC/MD	Ok,M
3	VSTDIC005	VSTDIC005	VX045069.D	28 Feb 2025 02:13		JC/MD	Ok,M
4	VSTDIC020	VSTDIC020	VX045070.D	28 Feb 2025 02:37		JC/MD	Ok,M
5	VSTDIC050	VSTDIC050	VX045071.D	28 Feb 2025 03:00		JC/MD	Ok,M
6	VSTDIC100	VSTDIC100	VX045072.D	28 Feb 2025 03:23		JC/MD	Ok,M
7	VSTDIC150	VSTDIC150	VX045073.D	28 Feb 2025 03:47		JC/MD	Ok,M
8	IBLK	IBLK	VX045074.D	28 Feb 2025 04:10		JC/MD	Ok
9	VSTDICV050	ICVVX022825	VX045075.D	28 Feb 2025 04:33		JC/MD	Ok,M
10	BFB	BFB	VX045076.D	28 Feb 2025 10:03		JC/MD	Ok
11	VSTDCCC050	VSTDCCC050	VX045077.D	28 Feb 2025 10:32	V12668	JC/MD	Ok,M
12	VX0228MBL01	VX0228MBL01	VX045078.D	28 Feb 2025 11:00		JC/MD	Ok
13	VX0228WBL01	VX0228WBL01	VX045079.D	28 Feb 2025 11:23		JC/MD	Ok
14	VX0228WBS01	VX0228WBS01	VX045080.D	28 Feb 2025 11:46		JC/MD	Ok,M
15	VX0228WBSD01	VX0228WBSD01	VX045081.D	28 Feb 2025 12:13		JC/MD	Ok,M
16	Q1401-03	BP-VPB-192-GW-840-8	VX045082.D	28 Feb 2025 12:37	vial B pH<2	JC/MD	Ok
17	Q1401-06	BP-VPB-192-GW-900-9	VX045083.D	28 Feb 2025 13:00	vial B pH<2	JC/MD	Ok
18	Q1423-01	BP-VPB-192-TB-20250	VX045084.D	28 Feb 2025 13:23	vial B pH<2 TB	JC/MD	Ok

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX022825

Review By	Maresh Dadoda	Review On	2/28/2025 11:09:50 AM
Supervise By	Semsettin Yesilyurt	Supervise On	2/28/2025 11:11:09 AM
SubDirectory	VX022825	HP Acquire Method	HP Processing Method 82X022825W.M
STD. NAME	STD REF.#		
Tune/Reschk	VP133187,VP133189		
Initial Calibration Stds	VP133194,VP133195,VP133196,VP133197,VP133198,VP133199		
CCC	VP133188,VP133190		
Internal Standard/PEM			
ICV/I.BLK	VP133200		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	Q1423-03	BP-VPB-192-EB-20250	VX045085.D	28 Feb 2025 13:47	vial B pH<2 EB	JC/MD	Ok
20	Q1403-01	Storage-Blank-SOIL-RE	VX045086.D	28 Feb 2025 14:10	vial B pH<2	JC/MD	Ok
21	Q1403-02	Storage-Blank-WATER-	VX045087.D	28 Feb 2025 14:33	vial B pH<2	JC/MD	Ok
22	Q1435-01	286107	VX045088.D	28 Feb 2025 14:57	vial A pH<2	JC/MD	Ok
23	Q1403-04	Storage-Blank-SAMPLE	VX045089.D	28 Feb 2025 15:20	vial B pH<2	JC/MD	Ok
24	Q1462-02	FB	VX045090.D	28 Feb 2025 15:44	vial A pH<2 FB	JC/MD	Ok
25	Q1469-01	Storage-Blank-SOIL-RE	VX045091.D	28 Feb 2025 16:07	vial A pH<2	JC/MD	Ok
26	Q1469-02	Storage-Blank-WATER-	VX045092.D	28 Feb 2025 16:31	vial A pH<2	JC/MD	Ok
27	Q1469-03	Storage-Blank-WATER-	VX045093.D	28 Feb 2025 16:54	vial A pH<2	JC/MD	Ok
28	Q1469-04	Storage-Blank-SAMPLE	VX045094.D	28 Feb 2025 17:17	vial A pH<2	JC/MD	Ok
29	Q1403-03	Storage-Blank-WATER-	VX045095.D	28 Feb 2025 17:41	vial B pH<2	JC/MD	Ok
30	Q1462-01	MW2	VX045096.D	28 Feb 2025 18:04	vial A pH<2	JC/MD	Ok,M
31	IBLK	IBLK	VX045097.D	28 Feb 2025 18:27		JC/MD	Ok
32	VSTDCCC050	VSTDCCC050EC	VX045098.D	28 Feb 2025 18:50		JC/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX031125

Review By	John Carlone	Review On	3/12/2025 10:04:41 AM
Supervise By	Maresh Dadoda	Supervise On	3/12/2025 3:17:22 PM
SubDirectory	VX031125	HP Acquire Method	HP Processing Method 82X022825W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP133244		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP133245,VP133246		

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX045210.D	11 Mar 2025 09:30		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX045211.D	11 Mar 2025 09:59	CCAL failed low for comp. #11	JC/MD	Ok,M
3	VX0311MBL01	VX0311MBL01	VX045212.D	11 Mar 2025 10:27		JC/MD	Ok
4	VX0311WBL01	VX0311WBL01	VX045213.D	11 Mar 2025 10:51		JC/MD	Ok
5	VX0311WBS01	VX0311WBS01	VX045214.D	11 Mar 2025 11:14		JC/MD	Ok,M
6	VX0311WBSD01	VX0311WBSD01	VX045215.D	11 Mar 2025 11:40		JC/MD	Ok,M
7	Q1502-01	PT-VOA-WP	VX045216.D	11 Mar 2025 12:03	PT-VOA-WP (8260)	JC/MD	Ok
8	IBLK	IBLK	VX045217.D	11 Mar 2025 12:27		JC/MD	Ok
9	Q1500-07DL	MW179D-20250305DL	VX045218.D	11 Mar 2025 12:50	vial B pH<2	JC/MD	Ok
10	Q1531-16DL	RE125D1-20250307DL	VX045219.D	11 Mar 2025 13:13	vial B pH<2	JC/MD	Ok
11	Q1500-04DL	MW178I1-20250305DL	VX045220.D	11 Mar 2025 13:36	vial B pH<2	JC/MD	Ok
12	Q1531-03DL	RE122D1-20250305DL	VX045221.D	11 Mar 2025 14:00	vial B pH<2	JC/MD	Ok
13	Q1531-05DL	RE126D2-20250306DL	VX045222.D	11 Mar 2025 14:23	vial B pH<2	JC/MD	Ok
14	Q1531-11DL	RE103D2-20250306DL	VX045223.D	11 Mar 2025 14:46	vial B pH<2	JC/MD	Ok
15	Q1531-17DL	RE125D2-20250307DL	VX045224.D	11 Mar 2025 15:09	vial B pH<2	JC/MD	Ok
16	Q1531-07DL	RE103D1-20250306DL	VX045225.D	11 Mar 2025 15:33	vial B pH<2	JC/MD	Ok
17	Q1531-18	FB01	VX045226.D	11 Mar 2025 15:56	vial A pH<2 FB	JC/MD	Ok
18	Q1531-21	TB	VX045227.D	11 Mar 2025 16:19	vial A pH<2 TB	JC/MD	Ok

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX031125

Review By	John Carlone	Review On	3/12/2025 10:04:41 AM
Supervise By	Maresh Dadoda	Supervise On	3/12/2025 3:17:22 PM
SubDirectory	VX031125	HP Acquire Method	HP Processing Method 82X022825W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP133244		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP133245,VP133246		

19	Q1531-02	RE122D3-20250305	VX045228.D	11 Mar 2025 16:43	vial B pH<2	JC/MD	Ok
20	Q1541-01	205703	VX045229.D	11 Mar 2025 17:06	vial A pH<2	JC/MD	Ok
21	Q1531-19	RE104D2-20250307	VX045230.D	11 Mar 2025 17:29	vial A pH<2 Need 10X	JC/MD	Dilution
22	Q1531-20	RE104D3-20250307	VX045231.D	11 Mar 2025 17:52	vial A pH<2 E flage in previous sample	JC/MD	ReRun
23	Q1531-12	RE108D2-20250306	VX045232.D	11 Mar 2025 18:16	vial A pH<2 Need 40X	JC/MD	Dilution
24	Q1531-15	RE105D2-20250306	VX045233.D	11 Mar 2025 18:39	vial A pH<2 Need 40X	JC/MD	Dilution
25	Q1531-06	DUP01-20250306	VX045234.D	11 Mar 2025 19:02	run straight	JC/MD	Not Ok
26	Q1525-01	MW10	VX045235.D	11 Mar 2025 19:25	vial B pH<2	JC/MD	Ok,M
27	VSTDCCC050	VSTDCCC050EC	VX045236.D	11 Mar 2025 19:49		JC/MD	Ok,M

M : Manual Integration



SHIPPING DOCUMENTS

CLIENT INFORMATION				CLIENT PROJECT INFORMATION				CLIENT BILLING INFORMATION					
REPORT TO BE SENT TO: COMPANY: <u>G ENVIRONMENTAL</u>				PROJECT NAME: <u>DPW</u>				BILL TO: <u>G ENVIRONMENTAL</u> PO#:					
ADDRESS: <u>8 CARRIAGE</u>				PROJECT NO.: LOCATION: <u>NJ</u>				ADDRESS: <u>8 CARRIAGE</u>					
CITY: STATE: <u>NJ</u> ZIP: <u>07076</u>				PROJECT MANAGER: <u>GL</u>				CITY: STATE: <u>NJ</u> ZIP: <u>07076</u>					
ATTENTION: <u>GARY</u>				e-mail:				ATTENTION: PHONE:					
PHONE: FAX:				PHONE: FAX:				ANALYSIS					
DATA TURNAROUND INFORMATION				DATA DELIVERABLE INFORMATION									
FAX (RUSH) DAYS*				☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)									
HARDCOPY (DATA PACKAGE): <u>Standard</u> DAYS*				☒ Level 2 (Results + QC) ☒ NJ Reduced ☐ US EPA CLP									
EDD: DAYS*				☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B									
*TO BE APPROVED BY CHEMTECH				☐ + Raw Data ☐ Other <u>NO</u>									
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS				EDD FORMAT <u>hardcopy</u>									
ALLIANCE SAMPLE ID		PROJECT SAMPLE IDENTIFICATION		SAMPLE MATRIX		SAMPLE TYPE		SAMPLE COLLECTION		PRESERVATIVES		COMMENTS	
						COMP GRAB		DATE TIME		# OF BOTTLES			
1.		<u>MW10</u>		<u>SW</u>		<u>X</u>		<u>3/12/25 12:25</u>		<u>X X X X X</u>		<u>pH 1.0 H₂SO₄</u>	
2.													
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:		DATE/TIME:		RECEIVED BY:		Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP: <u>2.1°C</u>							
1. <u>Hand</u>		<u>3/12/25</u>		<u>8:35</u> <u>CQ</u>		Comments: <u>2 R-Bottles</u>							
RELINQUISHED BY SAMPLER:		DATE/TIME:		RECEIVED BY:									
2.				2.									
RELINQUISHED BY SAMPLER:		DATE/TIME:		RECEIVED BY:									
3.				3.									
Page ____ of						CLIENT: ☐ Hand Delivered ☐ Other				Shipment Complete ☐ YES ☐ NO			

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1525	GENV01	Order Date : 3/7/2025 11:17:00 AM	Project Mgr :
Client Name : G Environmental		Project Name : DPW	Report Type : Level 1 NJ Reduced
Client Contact : Gary Landis		Receive DateTime : 3/7/2025 8:35:00 AM	EDD Type : Excel NJ
Invoice Name : G Environmental		Purchase Order :	Hard Copy Date :
Invoice Contact : Gary Landis			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1525-01	MW10	Water	03/06/2025	12:25		VOCMS Group1	8260-Low		10 Bus. Days

Relinquished By : CL

Date / Time : 3-7-25 11:55

Received By : pl

Date / Time : 3-7-25 11:55

Storage Area : VOA Refridgerator Room