

Cover Page

Order ID : Q1626

Project ID : Walsh CO-032 Sampling

Client : Walsh Construction Company II, LLC

Lab Sample Number

Q1626-01
Q1626-02
Q1626-03

Client Sample Number

CO-32-1
CO-32-1
CO-32-1

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: 3/28/2025

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 #: Q1626

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: PRATHA PARGHI

Date: 03/28/2025

LAB CHRONICLE

OrderID:	Q1626	OrderDate:	3/21/2025 12:59:00 PM
Client:	Walsh Construction Company II, LLC	Project:	Walsh CO-032 Sampling
Contact:	Evelyne Benie Dion Gokan	Location:	F11,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1626-01	CO-32-1	SOIL	VOC-TCLVOA-10	8260D	03/21/25		03/25/25	03/21/25
Q1626-02	CO-32-1	TCLP	TCLP VOA	8260D	03/21/25		03/25/25	03/21/25



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Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID:

0

Total Voc :

Total Concentration:



QC SUMMARY

Surrogate Summary

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
Q1626-01	CO-32-1	1,2-Dichloroethane-d4	50	61.1	122	63	155
		Dibromofluoromethane	50	52.2	104	70	134
		Toluene-d8	50	49.4	99	74	123
		4-Bromofluorobenzene	50	44.4	89	38	136
VY0325SBL01	VY0325SBL01	1,2-Dichloroethane-d4	50	56.0	112	63	155
		Dibromofluoromethane	50	51.1	102	70	134
		Toluene-d8	50	48.8	98	74	123
		4-Bromofluorobenzene	50	42.7	85	38	136
VY0325SBS01	VY0325SBS01	1,2-Dichloroethane-d4	50	55.6	111	63	155
		Dibromofluoromethane	50	52.4	105	70	134
		Toluene-d8	50	50.4	101	74	123
		4-Bromofluorobenzene	50	51.3	103	38	136
VY0325SBSD01	VY0325SBSD01	1,2-Dichloroethane-d4	50	58.2	116	63	155
		Dibromofluoromethane	50	54.9	110	70	134
		Toluene-d8	50	52.1	104	74	123
		4-Bromofluorobenzene	50	53.2	106	38	136

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: SW8260D

Datafile : VY021630.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY0325SBS01	Dichlorodifluoromethane	20	17.7	ug/Kg	89			64	136	
	Chloromethane	20	18.8	ug/Kg	94			70	130	
	Vinyl chloride	20	20.9	ug/Kg	104			72	129	
	Bromomethane	20	21.4	ug/Kg	107			58	141	
	Chloroethane	20	23.3	ug/Kg	117			69	130	
	Trichlorofluoromethane	20	23.3	ug/Kg	117			69	134	
	1,1,2-Trichlorotrifluoroethane	20	20.8	ug/Kg	104			81	123	
	1,1-Dichloroethene	20	20.0	ug/Kg	100			79	121	
	Acetone	100	90.1	ug/Kg	90			60	131	
	Carbon disulfide	20	16.1	ug/Kg	81			45	154	
	Methyl tert-butyl Ether	20	22.7	ug/Kg	114			77	129	
	Methyl Acetate	20	26.0	ug/Kg	130			69	149	
	Methylene Chloride	20	21.3	ug/Kg	106			56	174	
	trans-1,2-Dichloroethene	20	19.7	ug/Kg	99			80	123	
	1,1-Dichloroethane	20	22.0	ug/Kg	110			82	123	
	Cyclohexane	20	17.8	ug/Kg	89			76	122	
	2-Butanone	100	110	ug/Kg	110			69	131	
	Carbon Tetrachloride	20	20.6	ug/Kg	103			76	129	
	cis-1,2-Dichloroethene	20	21.3	ug/Kg	106			82	123	
	Bromochloromethane	20	21.6	ug/Kg	108			80	127	
	Chloroform	20	22.4	ug/Kg	112			82	125	
	1,1,1-Trichloroethane	20	21.4	ug/Kg	107			80	126	
	Methylcyclohexane	20	17.5	ug/Kg	88			77	123	
	Benzene	20	20.0	ug/Kg	100			84	121	
	1,2-Dichloroethane	20	22.0	ug/Kg	110			81	126	
	Trichloroethene	20	20.5	ug/Kg	103			83	122	
	1,2-Dichloropropane	20	21.6	ug/Kg	108			83	122	
	Bromodichloromethane	20	22.0	ug/Kg	110			82	123	
	4-Methyl-2-Pentanone	100	120	ug/Kg	120			70	135	
	Toluene	20	20.6	ug/Kg	103			83	122	
	t-1,3-Dichloropropene	20	20.9	ug/Kg	104			78	124	
	cis-1,3-Dichloropropene	20	21.1	ug/Kg	106			81	122	
	1,1,2-Trichloroethane	20	23.5	ug/Kg	117			82	125	
	2-Hexanone	100	120	ug/Kg	120			66	138	
	Dibromochloromethane	20	22.8	ug/Kg	114			79	125	
	1,2-Dibromoethane	20	22.0	ug/Kg	110			80	125	
	Tetrachloroethene	20	24.3	ug/Kg	121			83	125	
	Chlorobenzene	20	20.7	ug/Kg	104			84	122	
	Ethyl Benzene	20	19.8	ug/Kg	99			82	124	
	m/p-Xylenes	40	40.3	ug/Kg	101			83	124	
	o-Xylene	20	20.3	ug/Kg	102			83	123	
	Styrene	20	20.8	ug/Kg	104			82	124	
	Bromoform	20	23.2	ug/Kg	116			75	127	
	Isopropylbenzene	20	19.5	ug/Kg	98			82	124	
	1,1,2,2-Tetrachloroethane	20	21.3	ug/Kg	106			77	127	
	1,3-Dichlorobenzene	20	20.6	ug/Kg	103			83	122	
	1,4-Dichlorobenzene	20	20.8	ug/Kg	104			84	121	
	1,2-Dichlorobenzene	20	21.5	ug/Kg	108			83	124	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: SW8260D

Datafile : VY021630.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY0325SBS01	1,2-Dibromo-3-Chloropropane	20	23.0	ug/Kg	115			66	134	
	1,2,4-Trichlorobenzene	20	21.3	ug/Kg	106			78	127	
	1,2,3-Trichlorobenzene	20	21.8	ug/Kg	109			70	137	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: SW8260D

Datafile : VY021631.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY0325SBSD01	Dichlorodifluoromethane	20	19.3	ug/Kg	97	9		64	136	20
	Chloromethane	20	19.4	ug/Kg	97	3		70	130	20
	Vinyl chloride	20	20.8	ug/Kg	104	0		72	129	20
	Bromomethane	20	20.9	ug/Kg	104	3		58	141	20
	Chloroethane	20	22.3	ug/Kg	112	4		69	130	20
	Trichlorofluoromethane	20	23.2	ug/Kg	116	1		69	134	20
	1,1,2-Trichlorotrifluoroethane	20	21.7	ug/Kg	109	5		81	123	20
	1,1-Dichloroethene	20	20.2	ug/Kg	101	1		79	121	20
	Acetone	100	96.2	ug/Kg	96	6		60	131	20
	Carbon disulfide	20	16.1	ug/Kg	81	0		45	154	20
	Methyl tert-butyl Ether	20	22.7	ug/Kg	114	0		77	129	20
	Methyl Acetate	20	25.3	ug/Kg	127	2		69	149	20
	Methylene Chloride	20	22.5	ug/Kg	113	6		56	174	20
	trans-1,2-Dichloroethene	20	19.9	ug/Kg	100	1		80	123	20
	1,1-Dichloroethane	20	22.2	ug/Kg	111	1		82	123	20
	Cyclohexane	20	18.1	ug/Kg	91	2		76	122	20
	2-Butanone	100	110	ug/Kg	110	0		69	131	20
	Carbon Tetrachloride	20	20.6	ug/Kg	103	0		76	129	20
	cis-1,2-Dichloroethene	20	21.6	ug/Kg	108	2		82	123	20
	Bromochloromethane	20	20.8	ug/Kg	104	4		80	127	20
	Chloroform	20	23.2	ug/Kg	116	4		82	125	20
	1,1,1-Trichloroethane	20	22.2	ug/Kg	111	4		80	126	20
	Methylcyclohexane	20	17.8	ug/Kg	89	1		77	123	20
	Benzene	20	20.7	ug/Kg	104	4		84	121	20
	1,2-Dichloroethane	20	21.9	ug/Kg	110	0		81	126	20
	Trichloroethene	20	21.2	ug/Kg	106	3		83	122	20
	1,2-Dichloropropane	20	22.2	ug/Kg	111	3		83	122	20
	Bromodichloromethane	20	22.6	ug/Kg	113	3		82	123	20
	4-Methyl-2-Pentanone	100	120	ug/Kg	120	0		70	135	20
	Toluene	20	20.9	ug/Kg	104	1		83	122	20
	t-1,3-Dichloropropene	20	21.4	ug/Kg	107	3		78	124	20
	cis-1,3-Dichloropropene	20	21.2	ug/Kg	106	0		81	122	20
	1,1,2-Trichloroethane	20	23.7	ug/Kg	119	2		82	125	20
	2-Hexanone	100	120	ug/Kg	120	0		66	138	20
	Dibromochloromethane	20	23.2	ug/Kg	116	2		79	125	20
	1,2-Dibromoethane	20	22.6	ug/Kg	113	3		80	125	20
	Tetrachloroethene	20	23.6	ug/Kg	118	3		83	125	20
	Chlorobenzene	20	20.9	ug/Kg	104	0		84	122	20
	Ethyl Benzene	20	20.1	ug/Kg	101	2		82	124	20
	m/p-Xylenes	40	40.4	ug/Kg	101	0		83	124	20
	o-Xylene	20	20.4	ug/Kg	102	0		83	123	20
	Styrene	20	21.0	ug/Kg	105	1		82	124	20
	Bromoform	20	23.2	ug/Kg	116	0		75	127	20
	Isopropylbenzene	20	19.2	ug/Kg	96	2		82	124	20
	1,1,2,2-Tetrachloroethane	20	21.9	ug/Kg	110	4		77	127	20
	1,3-Dichlorobenzene	20	20.5	ug/Kg	103	0		83	122	20
	1,4-Dichlorobenzene	20	20.5	ug/Kg	103	1		84	121	20
	1,2-Dichlorobenzene	20	21.3	ug/Kg	106	2		83	124	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: SW8260D

Datafile : VY021631.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY0325SBSD01	1,2-Dibromo-3-Chloropropane	20	23.5	ug/Kg	117	2		66	134	20
	1,2,4-Trichlorobenzene	20	21.8	ug/Kg	109	3		78	127	20
	1,2,3-Trichlorobenzene	20	22.8	ug/Kg	114	4		70	137	20

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VY0325SBL01

Lab Name: CHEMTECH

Contract: WALS01

Lab Code: CHEM Case No.: Q1626

SAS No.: Q1626 SDG NO.: Q1626

Lab File ID: VY021629.D

Lab Sample ID: VY0325SBL01

Date Analyzed: 03/25/2025

Time Analyzed: 12:04

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

Heated Purge: (Y/N) Y

Instrument ID: MSVOA_Y

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VY0325SBS01	VY0325SBS01	VY021630.D	03/25/2025
VY0325SBSD01	VY0325SBSD01	VY021631.D	03/25/2025
CO-32-1	Q1626-01	VY021636.D	03/25/2025

COMMENTS: _____



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Fax : 908 789 8922

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: WALS01
Lab Code: CHEM Case No.: Q1626 SAS No.: Q1626 SDG NO.: Q1626
Lab File ID: VY021395.D BFB Injection Date: 03/04/2025
Instrument ID: MSVOA_Y BFB Injection Time: 08:52
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.6
75	30.0 - 60.0% of mass 95	54.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	1.4 (1.8) 1
174	50.0 - 100.0% of mass 95	77.8
175	5.0 - 9.0% of mass 174	6.6 (8.4) 1
176	95.0 - 101.0% of mass 174	75.7 (97.2) 1
177	5.0 - 9.0% of mass 176	5 (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
VSTDIC010	VSTDIC010	VY021397.D	03/04/2025	09:46
VSTDIC020	VSTDIC020	VY021398.D	03/04/2025	10:09
VSTDIC050	VSTDIC050	VY021399.D	03/04/2025	10:30
VSTDIC100	VSTDIC100	VY021400.D	03/04/2025	11:06
VSTDIC150	VSTDIC150	VY021401.D	03/04/2025	11:29
VSTDIC005	VSTDIC005	VY021403.D	03/04/2025	12:15



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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: WALS01
Lab Code: CHEM Case No.: Q1626 SAS No.: Q1626 SDG NO.: Q1626
Lab File ID: VY021627.D BFB Injection Date: 03/25/2025
Instrument ID: MSVOA_Y BFB Injection Time: 09:17
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.5
75	30.0 - 60.0% of mass 95	52.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	1.2 (1.5) 1
174	50.0 - 100.0% of mass 95	79.2
175	5.0 - 9.0% of mass 174	6.5 (8.2) 1
176	95.0 - 101.0% of mass 174	77 (97.2) 1
177	5.0 - 9.0% of mass 176	5.2 (6.7) 2

1-Value is % mass 174

2-Value is % mass 176

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VY021628.D	03/25/2025	11:31
VY0325SBL01	VY0325SBL01	VY021629.D	03/25/2025	12:04
VY0325SBS01	VY0325SBS01	VY021630.D	03/25/2025	12:36
VY0325SBSD01	VY0325SBSD01	VY021631.D	03/25/2025	12:59
CO-32-1	Q1626-01	VY021636.D	03/25/2025	15:22

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: WALS01
 Lab Code: CHEM Case No.: Q1626 SAS No.: Q1626 SDG NO.: Q1626
 Lab File ID: VY021628.D Date Analyzed: 03/25/2025
 Instrument ID: MSVOA_Y Time Analyzed: 11:31
 GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	208523	7.71	310165	8.62	269506	11.42
UPPER LIMIT	417046	8.207	620330	9.116	539012	11.92
LOWER LIMIT	104262	7.207	155083	8.116	134753	10.92
EPA SAMPLE NO.						
CO-32-1	215826	7.71	421203	8.62	386051	11.41
VY0325SBL01	234987	7.71	440273	8.62	390435	11.41
VY0325SBS01	176531	7.71	283151	8.62	250065	11.41
VY0325SBSD01	175250	7.71	281285	8.62	248863	11.41

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

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

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: WALS01
 Lab Code: CHEM Case No.: Q1626 SAS No.: Q1626 SDG NO.: Q1626
 Lab File ID: VY021628.D Date Analyzed: 03/25/2025
 Instrument ID: MSVOA_Y Time Analyzed: 11:31
 GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #	RT #				
12 HOUR STD	138648	13.346				
UPPER LIMIT	277296	13.846				
LOWER LIMIT	69324	12.846				
EPA SAMPLE NO.						
CO-32-1	154220	13.35				
VY0325SBL01	148940	13.35				
VY0325SBS01	132222	13.35				
VY0325SBSD01	132727	13.35				

IS4 = 1,4-Dichlorobenzene-d4

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

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



SAMPLE DATA

Report of Analysis

Client:	Walsh Construction Company II, LLC		Date Collected:	03/21/25	
Project:	Walsh CO-032 Sampling		Date Received:	03/21/25	
Client Sample ID:	CO-32-1		SDG No.:	Q1626	
Lab Sample ID:	Q1626-01		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	94.8	
Sample Wt/Vol:	9.82	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021636.D	1		03/25/25 15:22	VY032525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	0.61	U	0.61	2.70	ug/Kg
74-87-3	Chloromethane	0.61	U	0.61	2.70	ug/Kg
75-01-4	Vinyl Chloride	0.42	U	0.42	2.70	ug/Kg
74-83-9	Bromomethane	0.57	U	0.57	2.70	ug/Kg
75-00-3	Chloroethane	0.68	U	0.68	2.70	ug/Kg
75-69-4	Trichlorofluoromethane	0.65	U	0.65	2.70	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.57	U	0.57	2.70	ug/Kg
75-35-4	1,1-Dichloroethene	0.54	U	0.54	2.70	ug/Kg
67-64-1	Acetone	2.50	U	2.50	13.4	ug/Kg
75-15-0	Carbon Disulfide	0.57	U	0.57	2.70	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.39	U	0.39	2.70	ug/Kg
79-20-9	Methyl Acetate	0.83	U	0.83	2.70	ug/Kg
75-09-2	Methylene Chloride	1.90	U	1.90	5.40	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.46	U	0.46	2.70	ug/Kg
75-34-3	1,1-Dichloroethane	0.43	U	0.43	2.70	ug/Kg
110-82-7	Cyclohexane	0.42	U	0.42	2.70	ug/Kg
78-93-3	2-Butanone	3.50	U	3.50	13.4	ug/Kg
56-23-5	Carbon Tetrachloride	0.52	U	0.52	2.70	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.40	U	0.40	2.70	ug/Kg
74-97-5	Bromochloromethane	0.62	U	0.62	2.70	ug/Kg
67-66-3	Chloroform	0.45	U	0.45	2.70	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	2.70	ug/Kg
108-87-2	Methylcyclohexane	0.49	U	0.49	2.70	ug/Kg
71-43-2	Benzene	0.42	U	0.42	2.70	ug/Kg
107-06-2	1,2-Dichloroethane	0.42	U	0.42	2.70	ug/Kg
79-01-6	Trichloroethene	0.44	U	0.44	2.70	ug/Kg
78-87-5	1,2-Dichloropropane	0.49	U	0.49	2.70	ug/Kg
75-27-4	Bromodichloromethane	0.42	U	0.42	2.70	ug/Kg
108-10-1	4-Methyl-2-Pentanone	1.90	U	1.90	13.4	ug/Kg
108-88-3	Toluene	0.42	U	0.42	2.70	ug/Kg

Report of Analysis

Client:	Walsh Construction Company II, LLC		Date Collected:	03/21/25	
Project:	Walsh CO-032 Sampling		Date Received:	03/21/25	
Client Sample ID:	CO-32-1		SDG No.:	Q1626	
Lab Sample ID:	Q1626-01		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	94.8	
Sample Wt/Vol:	9.82	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021636.D	1		03/25/25 15:22	VY032525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.35	U	0.35	2.70	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.33	U	0.33	2.70	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.49	U	0.49	2.70	ug/Kg
591-78-6	2-Hexanone	2.00	U	2.00	13.4	ug/Kg
124-48-1	Dibromochloromethane	0.47	U	0.47	2.70	ug/Kg
106-93-4	1,2-Dibromoethane	0.47	U	0.47	2.70	ug/Kg
127-18-4	Tetrachloroethene	0.56	U	0.56	2.70	ug/Kg
108-90-7	Chlorobenzene	0.49	U	0.49	2.70	ug/Kg
100-41-4	Ethyl Benzene	0.36	U	0.36	2.70	ug/Kg
179601-23-1	m/p-Xylenes	0.67	U	0.67	5.40	ug/Kg
95-47-6	o-Xylene	0.44	U	0.44	2.70	ug/Kg
100-42-5	Styrene	0.38	U	0.38	2.70	ug/Kg
75-25-2	Bromoform	0.46	U	0.46	2.70	ug/Kg
98-82-8	Isopropylbenzene	0.42	U	0.42	2.70	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.65	U	0.65	2.70	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.92	U	0.92	2.70	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.84	U	0.84	2.70	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.78	U	0.78	2.70	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.99	U	0.99	2.70	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1.60	U	1.60	2.70	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	1.70	U	1.70	2.70	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	61.1		63 - 155	122%	SPK: 50
1868-53-7	Dibromofluoromethane	52.2		70 - 134	104%	SPK: 50
2037-26-5	Toluene-d8	49.4		74 - 123	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.4		38 - 136	89%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	216000	7.707			
540-36-3	1,4-Difluorobenzene	421000	8.616			
3114-55-4	Chlorobenzene-d5	386000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	154000	13.346			

Report of Analysis

Client:	Walsh Construction Company II, LLC		Date Collected:	03/21/25	
Project:	Walsh CO-032 Sampling		Date Received:	03/21/25	
Client Sample ID:	CO-32-1		SDG No.:	Q1626	
Lab Sample ID:	Q1626-01		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	94.8	
Sample Wt/Vol:	9.82	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021636.D	1		03/25/25 15:22	VY032525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032525\
Data File : VY021636.D
Acq On : 25 Mar 2025 15:22
Operator : SY/MD
Sample : Q1626-01
Misc : 9.82g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CO-32-1

Quant Time: Mar 26 01:37:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	215826	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	421203	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	386051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	154220	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	139460	61.136	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.280%
35) Dibromofluoromethane	7.634	113	144398	52.155	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.320%
50) Toluene-d8	10.109	98	517681	49.383	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.760%
62) 4-Bromofluorobenzene	12.408	95	158475	44.442	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.880%

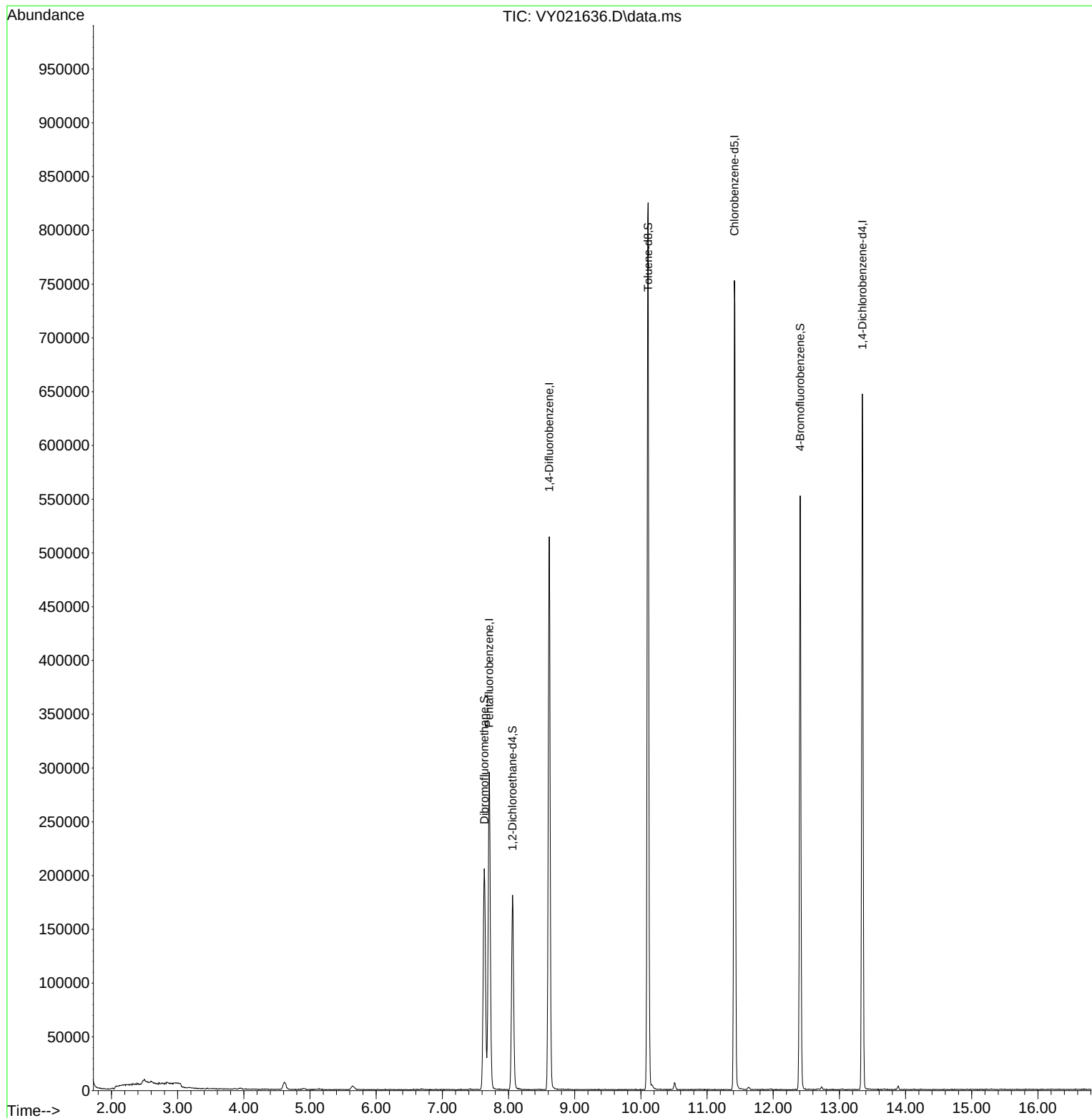
Target Compounds	Qvalue

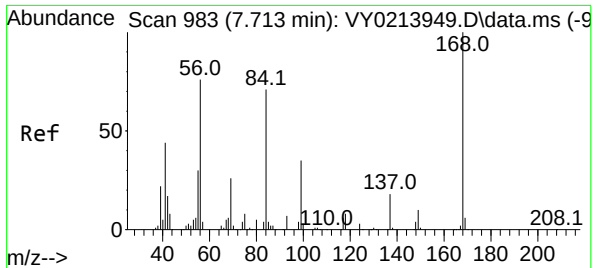
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032525\
Data File : VY021636.D
Acq On : 25 Mar 2025 15:22
Operator : SY/MD
Sample : Q1626-01
Misc : 9.82g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CO-32-1

Quant Time: Mar 26 01:37:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

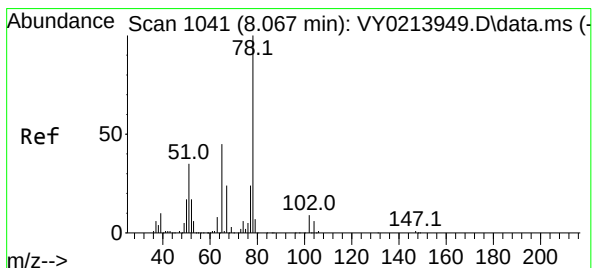
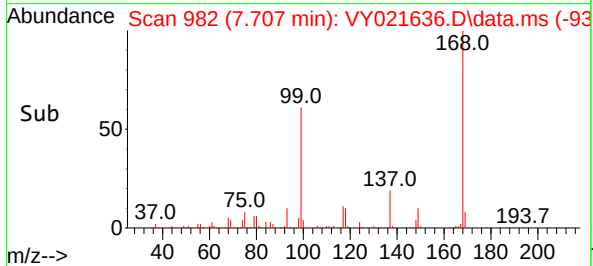
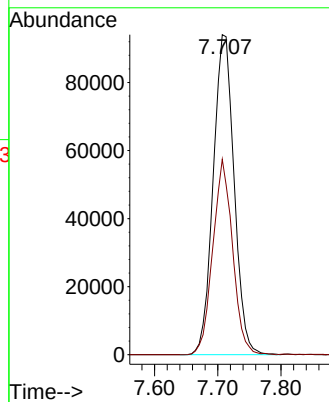
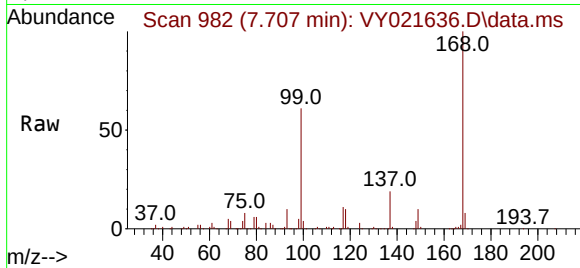




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021636.D
Acq: 25 Mar 2025 15:22

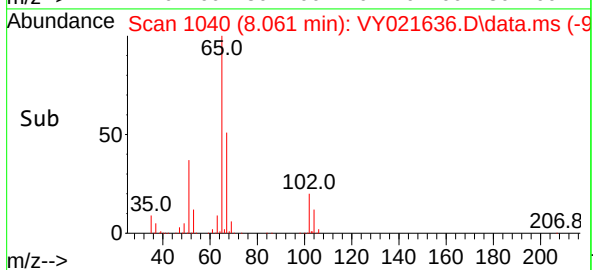
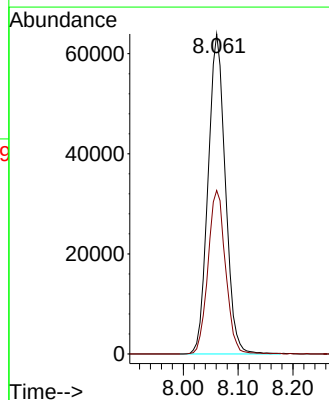
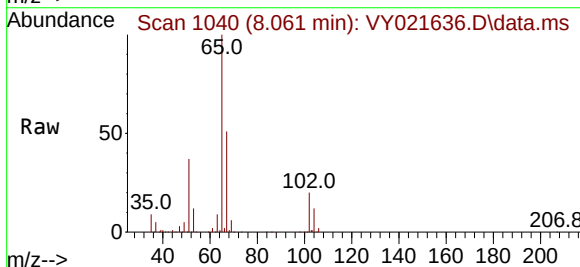
Instrument :
MSVOA_Y
ClientSampleId :
CO-32-1

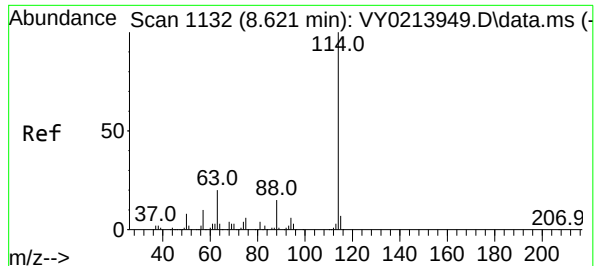
Tgt Ion:168 Resp: 215826
Ion Ratio Lower Upper
168 100
99 61.0 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 61.136 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021636.D
Acq: 25 Mar 2025 15:22

Tgt Ion: 65 Resp: 139460
Ion Ratio Lower Upper
65 100
67 51.8 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VY021636.D

Acq: 25 Mar 2025 15:22

Instrument :

MSVOA_Y

ClientSampleId :

CO-32-1

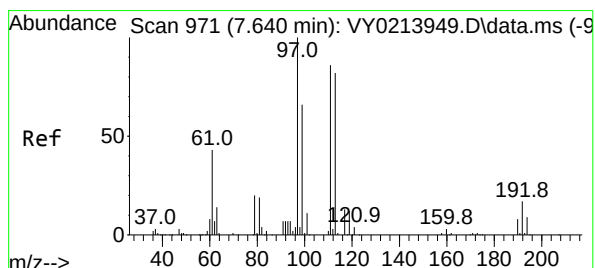
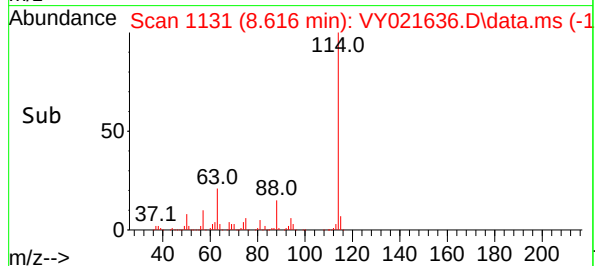
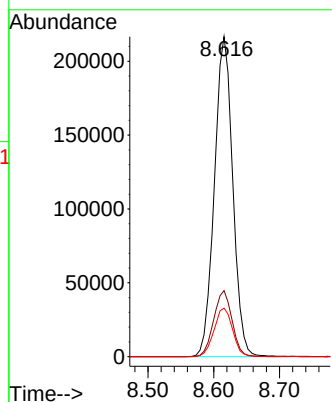
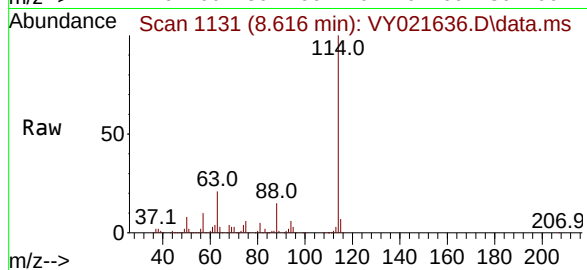
Tgt Ion:114 Resp: 421203

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.8

88 15.1 0.0 30.8



#35

Dibromofluoromethane

Concen: 52.155 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.006 min

Lab File: VY021636.D

Acq: 25 Mar 2025 15:22

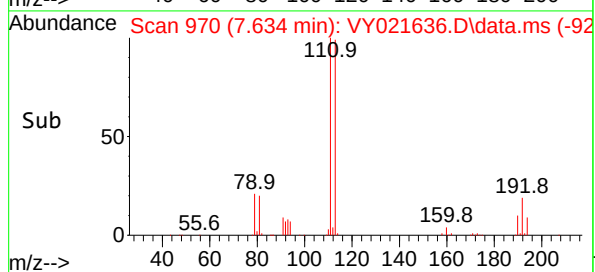
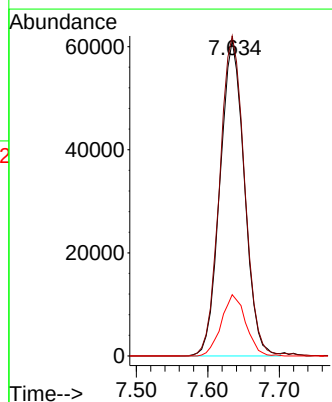
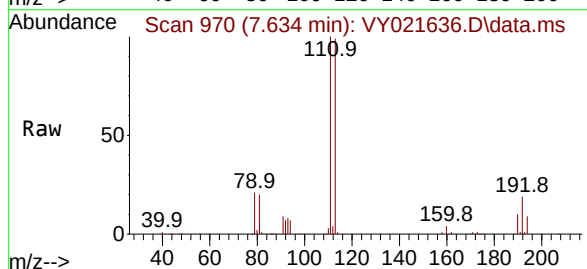
Tgt Ion:113 Resp: 144398

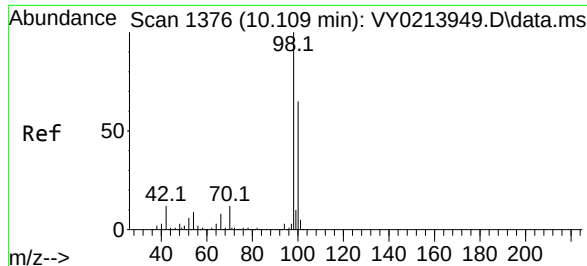
Ion Ratio Lower Upper

113 100

111 104.1 82.0 123.0

192 19.5 15.9 23.9





#50

Toluene-d8

Concen: 49.383 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021636.D

Acq: 25 Mar 2025 15:22

Instrument :

MSVOA_Y

ClientSampleId :

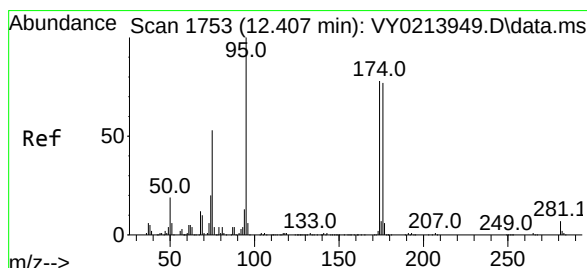
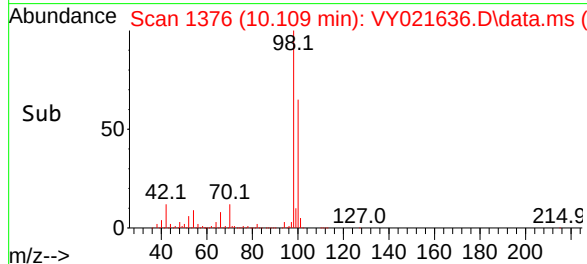
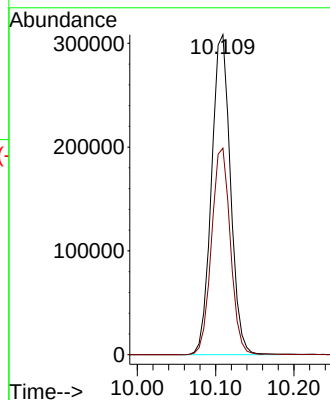
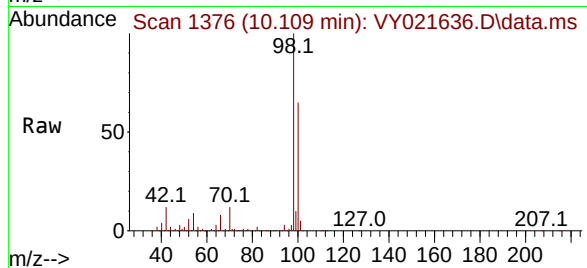
CO-32-1

Tgt Ion: 98 Resp: 517681

Ion Ratio Lower Upper

98 100

100 64.4 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 44.442 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY021636.D

Acq: 25 Mar 2025 15:22

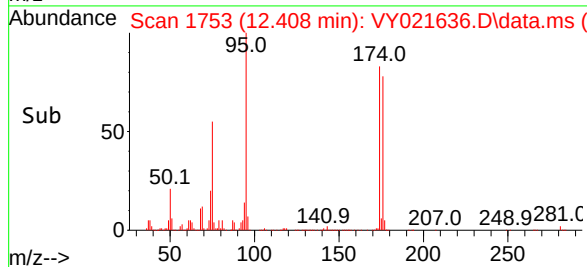
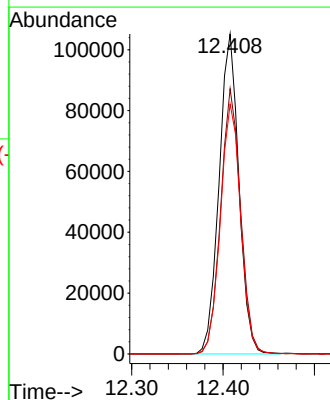
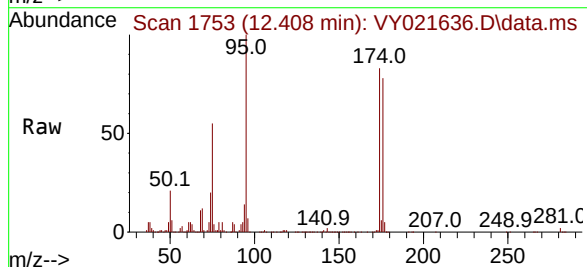
Tgt Ion: 95 Resp: 158475

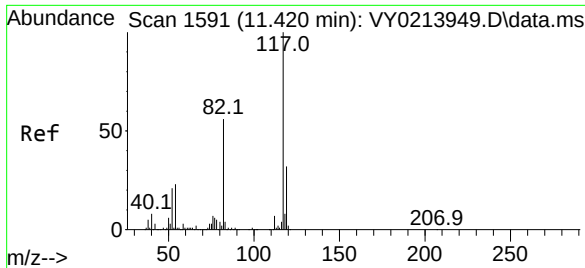
Ion Ratio Lower Upper

95 100

174 83.6 0.0 165.0

176 80.1 0.0 160.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY021636.D

Acq: 25 Mar 2025 15:22

Instrument :

MSVOA_Y

ClientSampleId :

CO-32-1

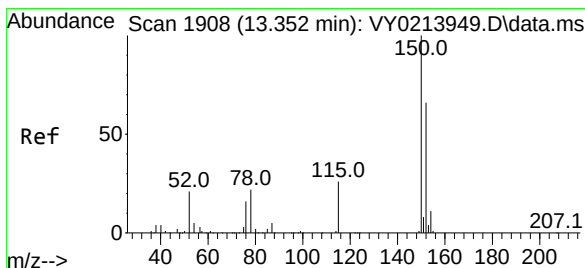
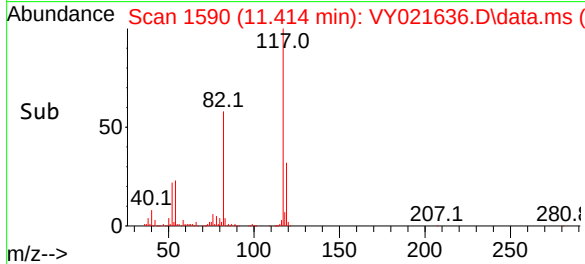
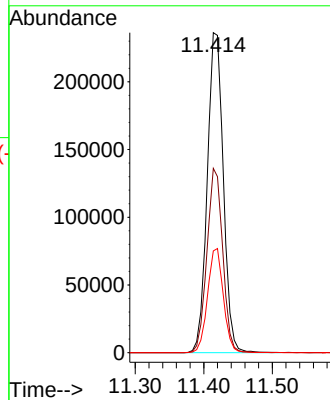
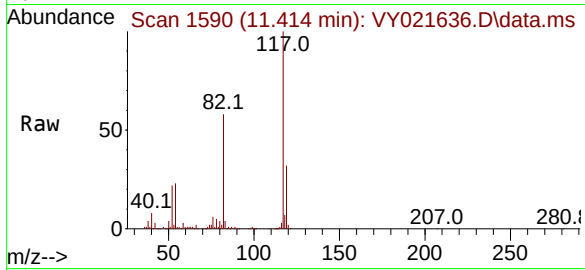
Tgt Ion:117 Resp: 386051

Ion Ratio Lower Upper

117 100

82 57.6 44.6 67.0

119 31.8 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY021636.D

Acq: 25 Mar 2025 15:22

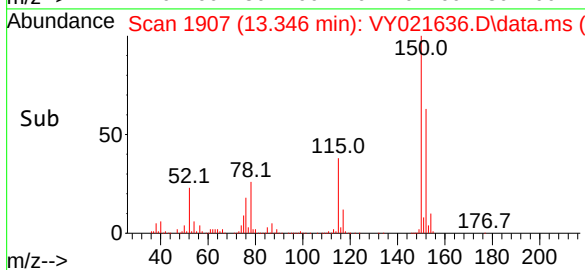
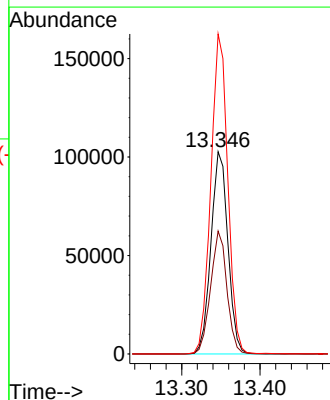
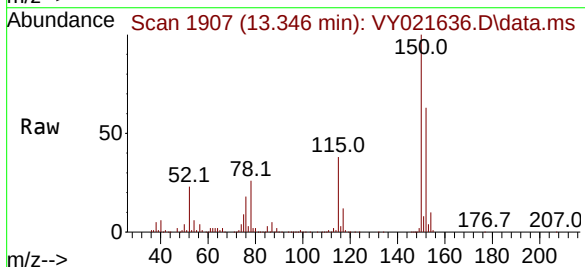
Tgt Ion:152 Resp: 154220

Ion Ratio Lower Upper

152 100

115 58.6 29.0 87.0

150 158.1 0.0 347.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032525\
Data File : VY021636.D
Acq On : 25 Mar 2025 15:22
Operator : SY/MD
Sample : Q1626-01
Misc : 9.82g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CO-32-1

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M

Title : SW846 8260

Signal : TIC: VY021636.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.610	467	474	486	rVB5	6657	21191	1.52%	0.302%
2	7.634	958	970	976	rBV	205522	493148	35.32%	7.030%
3	7.707	976	982	997	rVB	294807	663764	47.54%	9.462%
4	8.061	1031	1040	1056	rBV2	180745	392919	28.14%	5.601%
5	8.616	1121	1131	1148	rBV	514375	1008099	72.20%	14.370%
6	10.109	1367	1376	1384	rBV	824999	1396284	100.00%	19.904%
7	11.414	1582	1590	1604	rBV	752612	1226349	87.83%	17.481%
8	12.408	1745	1753	1765	rBV	552430	852911	61.08%	12.158%
9	13.346	1900	1907	1917	rBV	646910	960540	68.79%	13.692%

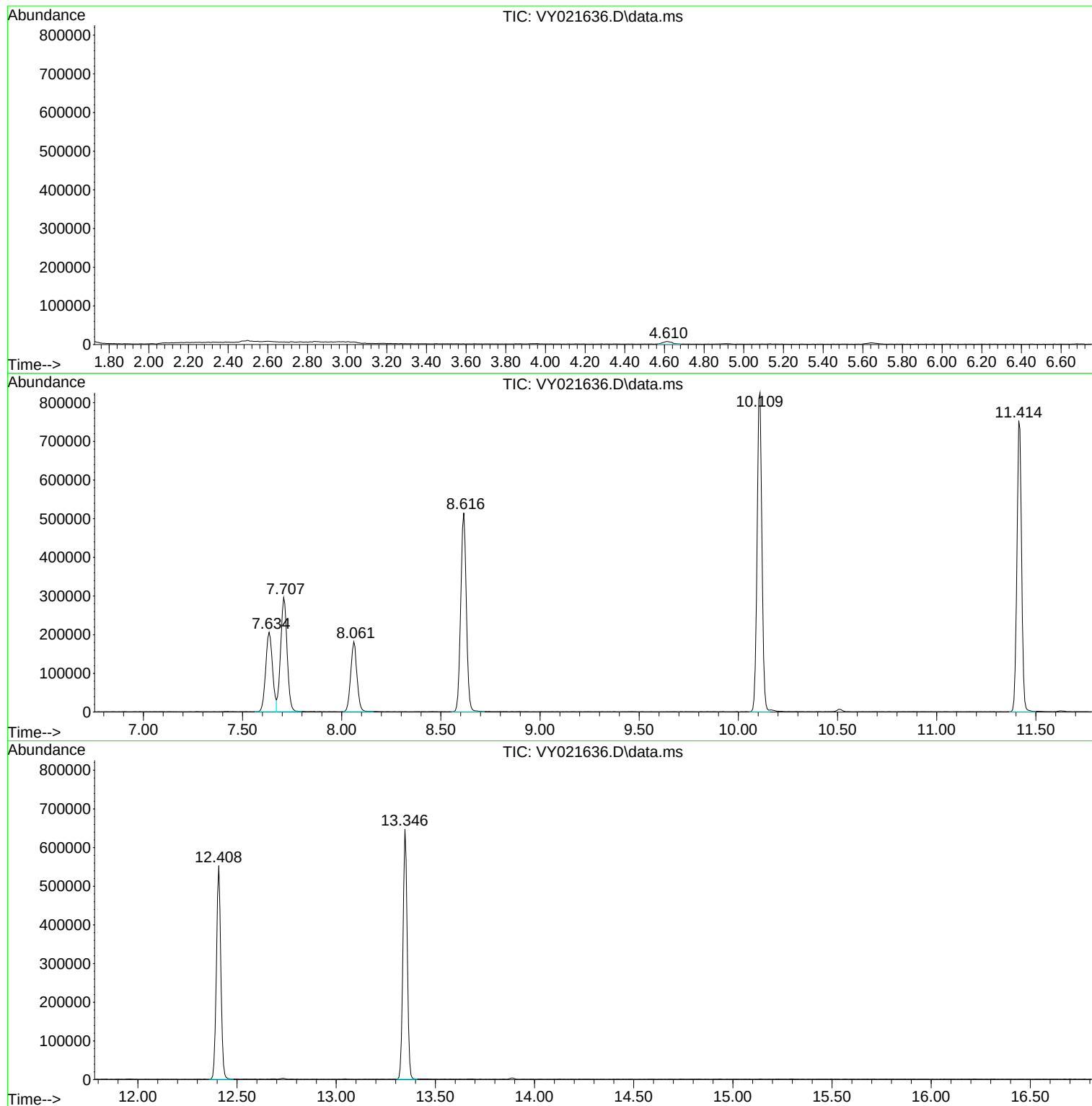
Sum of corrected areas: 7015205

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032525\
Data File : VY021636.D
Acq On : 25 Mar 2025 15:22
Operator : SY/MD
Sample : Q1626-01
Misc : 9.82g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CO-32-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032525\
Data File : VY021636.D
Acq On : 25 Mar 2025 15:22
Operator : SY/MD
Sample : Q1626-01
Misc : 9.82g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CO-32-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032525\
Data File : VY021636.D
Acq On : 25 Mar 2025 15:22
Operator : SY/MD
Sample : Q1626-01
Misc : 9.82g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CO-32-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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

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



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: WALS01
 Lab Code: CHEM Case No.: Q1626 SAS No.: Q1626 SDG No.: Q1626
 Instrument ID: MSVOA_Y Calibration Date(s): 03/04/2025 03/04/2025
 Heated Purge: (Y/N) Y Calibration Time(s): 09:46 12:15
 GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID:		RRF010 = VY021397.D		RRF020 = VY021398.D		RRF050 = VY021399.D			
		RRF100 = VY021400.D		RRF150 = VY021401.D		RRF005 = VY021403.D			
COMPOUND	RRF010	RRF020	RRF050	RRF100	RRF150	RRF005	RRF	% RSD	
Dichlorodifluoromethane	0.493	0.416	0.447	0.440	0.429	0.529	0.459	9.4	
Chloromethane	0.694	0.588	0.617	0.608	0.580	0.793	0.647	12.7	
Vinyl Chloride	0.762	0.639	0.691	0.706	0.665	0.778	0.707	7.7	
Bromomethane	0.555	0.450	0.468	0.483	0.468	0.641	0.511	14.4	
Chloroethane	0.505	0.427	0.460	0.458	0.432	0.521	0.467	8.2	
Trichlorofluoromethane	1.050	0.896	0.967	0.963	0.935	1.109	0.987	8	
1,1,2-Trichlorotrifluoroethane	0.600	0.507	0.538	0.542	0.525	0.668	0.563	10.7	
1,1-Dichloroethene	0.542	0.460	0.506	0.512	0.494	0.566	0.514	7.2	
Acetone	0.124	0.091	0.134	0.103	0.095	0.144	0.115	18.9	
Carbon Disulfide	1.705	1.425	1.631	1.618	1.546	1.732	1.610	7	
Methyl tert-butyl Ether	1.290	1.177	1.366	1.299	1.315	1.364	1.302	5.3	
Methyl Acetate	0.253	0.227	0.284	0.245	0.257	0.268	0.256	7.6	
Methylene Chloride	0.717	0.538	0.552	0.530	0.507	0.788	0.605	19.4	
trans-1,2-Dichloroethene	0.608	0.516	0.564	0.570	0.545	0.648	0.575	8.1	
1,1-Dichloroethane	1.124	0.955	1.050	1.035	0.991	1.179	1.056	7.9	
Cyclohexane	1.039	0.885	0.941	0.943	0.914	1.216	0.990	12.4	
2-Butanone	0.160	0.136	0.181	0.149	0.151	0.180	0.159	11.2	
Carbon Tetrachloride	0.627	0.538	0.587	0.595	0.579	0.625	0.592	5.6	
cis-1,2-Dichloroethene	0.675	0.592	0.654	0.658	0.639	0.702	0.653	5.6	
Bromochloromethane	0.481	0.423	0.467	0.426	0.380	0.478	0.443	9	
Chloroform	1.181	0.992	1.087	1.066	1.029	1.222	1.096	8.1	
1,1,1-Trichloroethane	1.063	0.894	0.978	0.983	0.953	1.151	1.004	9	
Methylcyclohexane	0.595	0.550	0.651	0.680	0.669	0.641	0.631	7.8	
Benzene	1.554	1.366	1.542	1.540	1.473	1.618	1.515	5.7	
1,2-Dichloroethane	0.446	0.386	0.436	0.414	0.408	0.453	0.424	6.1	
Trichloroethene	0.390	0.349	0.381	0.384	0.378	0.415	0.383	5.5	
1,2-Dichloropropane	0.371	0.333	0.368	0.358	0.347	0.388	0.361	5.3	
Bromodichloromethane	0.550	0.485	0.548	0.535	0.521	0.559	0.533	5	
4-Methyl-2-Pentanone	0.210	0.202	0.263	0.230	0.243	0.219	0.228	9.9	
Toluene	0.952	0.853	0.988	0.997	0.958	0.983	0.955	5.6	

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



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

Lab Name: CHEMTECH Contract: WALS01
 Lab Code: CHEM Case No.: Q1626 SAS No.: Q1626 SDG No.: Q1626
 Instrument ID: MSVOA_Y Calibration Date(s): 03/04/2025 03/04/2025
 Heated Purge: (Y/N) Y Calibration Time(s): 09:46 12:15
 GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID:		RRF010 = VY021397.D		RRF020 = VY021398.D		RRF050 = VY021399.D			
		RRF100 = VY021400.D		RRF150 = VY021401.D		RRF005 = VY021403.D			
COMPOUND	RRF010	RRF020	RRF050	RRF100	RRF150	RRF005	RRF	% RSD	
t-1,3-Dichloropropene	0.447	0.420	0.499	0.495	0.495	0.461	0.470	6.8	
cis-1,3-Dichloropropene	0.544	0.498	0.587	0.579	0.566	0.570	0.557	5.8	
1,1,2-Trichloroethane	0.264	0.237	0.283	0.259	0.257	0.274	0.263	6	
2-Hexanone	0.135	0.129	0.182	0.156	0.163	0.139	0.151	13.1	
Dibromochloromethane	0.358	0.327	0.376	0.363	0.361	0.374	0.360	4.9	
1,2-Dibromoethane	0.246	0.226	0.262	0.248	0.247	0.258	0.248	5.1	
Tetrachloroethene	0.418	0.370	0.403	0.407	0.393	0.449	0.407	6.5	
Chlorobenzene	1.194	1.065	1.186	1.192	1.165	1.283	1.181	5.9	
Ethyl Benzene	2.005	1.825	2.135	2.209	2.146	2.115	2.072	6.7	
m/p-Xylenes	0.761	0.705	0.822	0.833	0.803	0.797	0.787	6	
o-Xylene	0.700	0.635	0.759	0.779	0.754	0.723	0.725	7.2	
Styrene	1.133	1.084	1.277	1.306	1.267	1.151	1.203	7.6	
Bromoform	0.227	0.213	0.250	0.237	0.238	0.235	0.233	5.3	
Isopropylbenzene	3.797	3.468	4.034	4.231	4.124	3.977	3.939	6.9	
1,1,2,2-Tetrachloroethane	0.712	0.637	0.727	0.667	0.690	0.737	0.695	5.4	
1,3-Dichlorobenzene	1.861	1.640	1.812	1.840	1.822	2.031	1.834	6.8	
1,4-Dichlorobenzene	1.820	1.624	1.782	1.783	1.764	1.989	1.794	6.5	
1,2-Dichlorobenzene	1.561	1.431	1.588	1.568	1.560	1.723	1.572	5.9	
1,2-Dibromo-3-Chloropropane	0.101	0.092	0.108	0.098	0.108	0.117	0.104	8.3	
1,2,4-Trichlorobenzene	0.723	0.735	0.908	0.926	0.994	0.864	0.859	12.7	
1,2,3-Trichlorobenzene	0.604	0.614	0.775	0.771	0.835	0.734	0.722	13	
1,2-Dichloroethane-d4	0.580	0.514	0.482	0.511	0.477	0.606	0.528	10	
Dibromofluoromethane	0.348	0.315	0.296	0.332	0.311	0.371	0.329	8.3	
Toluene-d8	1.276	1.179	1.135	1.289	1.203	1.384	1.244	7.2	
4-Bromofluorobenzene	0.424	0.394	0.386	0.433	0.405	0.498	0.423	9.6	

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

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y030425S.M
 Title : SW846 8260
 Last Update : Wed Mar 05 12:42:45 2025
 Response Via : Initial Calibration

Calibration Files

5 =VY021403.D 10 =VY021397.D 20 =VY021398.D 50 =VY021399.D 100 =VY021400.D 150 =VY021401.D

	Compound	5	10	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.529	0.493	0.416	0.447	0.440	0.429	0.459	9.38
3) P	Chloromethane	0.793	0.694	0.588	0.617	0.608	0.580	0.647	12.70
4) C	Vinyl Chloride	0.778	0.762	0.639	0.691	0.706	0.665	0.707	7.70#
5) T	Bromomethane	0.641	0.555	0.450	0.468	0.483	0.468	0.511	14.40
6) T	Chloroethane	0.521	0.505	0.427	0.460	0.458	0.432	0.467	8.21
7) T	Trichlorofluor...	1.109	1.050	0.896	0.967	0.963	0.935	0.987	7.97
8) T	Diethyl Ether	0.301	0.280	0.249	0.283	0.264	0.263	0.273	6.77
9) T	1,1,2-Trichlor...	0.668	0.600	0.507	0.538	0.542	0.525	0.563	10.69
10) T	Methyl Iodide	0.492	0.562	0.515	0.632	0.628	0.606	0.573	10.39
11) T	Tert butyl alc...	0.061	0.049	0.036	0.038	0.030	0.033	0.041	28.30
12) CM	1,1-Dichloroet...	0.566	0.542	0.460	0.506	0.512	0.494	0.514	7.23#
13) T	Acrolein	0.054	0.051	0.043	0.005	0.004	0.004	0.027	92.94
14) T	Allyl chloride	0.883	0.851	0.744	0.842	0.847	0.813	0.830	5.72
15) T	Acrylonitrile	0.122	0.121	0.105	0.125	0.111	0.113	0.116	6.52
16) T	Acetone	0.144	0.124	0.091	0.134	0.103	0.095	0.115	18.92
17) T	Carbon Disulfide	1.732	1.705	1.425	1.631	1.618	1.546	1.610	6.95
18) T	Methyl Acetate	0.268	0.253	0.227	0.284	0.245	0.257	0.256	7.60
19) T	Methyl tert-bu...	1.364	1.289	1.177	1.366	1.299	1.315	1.302	5.30
20) T	Methylene Chlo...	0.788	0.717	0.538	0.552	0.530	0.507	0.605	19.37
21) T	trans-1,2-Dich...	0.648	0.608	0.516	0.564	0.570	0.545	0.575	8.12
22) T	Diisopropyl ether	1.846	1.824	1.675	1.851	1.798	1.738	1.789	3.87
23) T	Vinyl Acetate	1.014	0.996	0.937	1.110	1.032	1.035	1.021	5.55
24) P	1,1-Dichloroet...	1.179	1.124	0.955	1.050	1.035	0.991	1.056	7.88
25) T	2-Butanone	0.180	0.160	0.136	0.181	0.149	0.151	0.159	11.20
26) T	2,2-Dichloropr...	1.106	1.043	0.860	0.938	0.955	0.926	0.971	9.11
27) T	cis-1,2-Dichlo...	0.702	0.675	0.592	0.654	0.658	0.639	0.653	5.64
28) T	Bromochloromet...	0.478	0.481	0.423	0.467	0.426	0.380	0.443	8.99
29) T	Tetrahydrofuran	0.104	0.096	0.089	0.111	0.094	0.098	0.098	7.69
30) C	Chloroform	1.222	1.181	0.992	1.087	1.066	1.029	1.096	8.11#
31) T	Cyclohexane	1.216	1.039	0.885	0.941	0.943	0.914	0.990	12.38
32) T	1,1,1-Trichlor...	1.151	1.063	0.894	0.978	0.983	0.953	1.004	9.02
33) S	1,2-Dichloroet...	0.606	0.580	0.514	0.482	0.511	0.477	0.528	9.98
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.371	0.348	0.315	0.296	0.332	0.311	0.329	8.31
36) T	1,1-Dichloropr...	0.549	0.528	0.462	0.518	0.525	0.504	0.514	5.73
37) T	Ethyl Acetate	0.242	0.225	0.206	0.248	0.220	0.225	0.227	6.72
38) T	Carbon Tetrach...	0.625	0.627	0.538	0.587	0.595	0.579	0.592	5.56
39) T	Methylcyclohexane	0.641	0.595	0.550	0.651	0.680	0.669	0.631	7.84
40) TM	Benzene	1.618	1.554	1.366	1.542	1.540	1.473	1.515	5.71
41) T	Methacrylonitrile	0.122	0.132	0.104	0.131	0.129	0.124	0.124	8.53
42) TM	1,2-Dichloroet...	0.453	0.446	0.386	0.436	0.414	0.408	0.424	6.07
43) T	Isopropyl Acetate	0.456	0.421	0.386	0.483	0.442	0.461	0.441	7.75
44) TM	Trichloroethene	0.415	0.390	0.349	0.381	0.384	0.378	0.383	5.51
45) C	1,2-Dichloropr...	0.388	0.371	0.333	0.368	0.358	0.347	0.361	5.33#
46) T	Dibromomethane	0.208	0.202	0.185	0.212	0.198	0.198	0.201	4.75
47) T	Bromodichlorom...	0.559	0.550	0.485	0.548	0.535	0.521	0.533	5.05
48) T	Methyl methacr...	0.187	0.183	0.184	0.229	0.212	0.222	0.203	10.14
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	10.05
50) S	Toluene-d8	1.384	1.276	1.179	1.135	1.289	1.203	1.244	7.24
51) T	4-Methyl-2-Pen...	0.219	0.210	0.202	0.263	0.230	0.243	0.228	9.85
52) CM	Toluene	0.983	0.952	0.853	0.988	0.997	0.958	0.955	5.56#
53) T	t-1,3-Dichloro...	0.461	0.447	0.420	0.499	0.495	0.495	0.470	6.82
54) T	cis-1,3-Dichlo...	0.570	0.544	0.498	0.587	0.579	0.566	0.557	5.84
55) T	1,1,2-Trichlor...	0.274	0.264	0.237	0.283	0.259	0.257	0.263	5.99
56) T	Ethyl methacry...	0.291	0.293	0.289	0.383	0.367	0.386	0.335	14.50

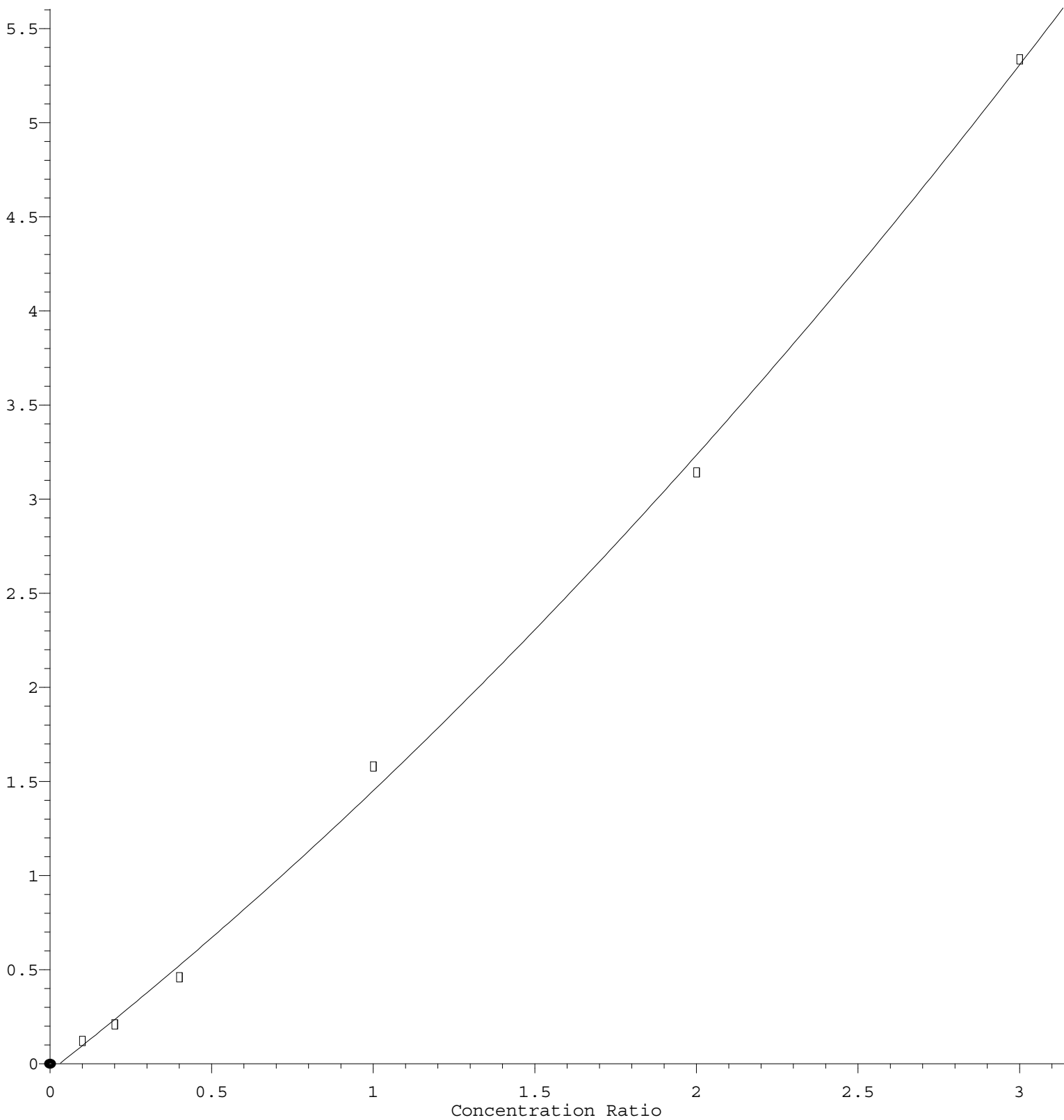
Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y030425S.M

57)	T	1,3-Dichloropr...	0.465	0.462	0.421	0.478	0.452	0.451	0.455	4.24
58)	T	2-Chloroethyl ...	0.136	0.135	0.139	0.174	0.162	0.181	0.155	13.30
59)	T	2-Hexanone	0.139	0.135	0.129	0.182	0.156	0.163	0.151	13.15
60)	T	Dibromochlorom...	0.374	0.358	0.327	0.376	0.363	0.361	0.360	4.92
61)	T	1,2-Dibromoethane	0.258	0.246	0.226	0.262	0.248	0.247	0.248	5.07
62)	S	4-Bromofluorob...	0.498	0.424	0.394	0.386	0.433	0.405	0.423	9.60
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.449	0.418	0.370	0.403	0.407	0.393	0.407	6.47
65)	PM	Chlorobenzene	1.283	1.194	1.065	1.186	1.192	1.165	1.181	5.93
66)	T	1,1,1,2-Tetrac...	0.449	0.420	0.377	0.421	0.423	0.414	0.417	5.61
67)	C	Ethyl Benzene	2.115	2.005	1.825	2.135	2.209	2.146	2.072	6.67#
68)	T	m/p-Xylenes	0.797	0.761	0.705	0.822	0.833	0.803	0.787	5.97
69)	T	o-Xylene	0.723	0.700	0.635	0.759	0.779	0.754	0.725	7.20
70)	T	Styrene	1.151	1.133	1.084	1.277	1.306	1.267	1.203	7.61
71)	P	Bromoform	0.235	0.227	0.213	0.250	0.237	0.238	0.233	5.28
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.977	3.797	3.468	4.034	4.231	4.124	3.939	6.93
74)	T	N-amyl acetate	0.765	0.746	0.743	0.950	0.925	1.003	0.855	13.67
75)	P	1,1,2,2-Tetrac...	0.737	0.712	0.637	0.727	0.667	0.690	0.695	5.44
76)	T	1,2,3-Trichlor...	0.627	0.523	0.430	0.491	0.488	0.464	0.504	13.47
77)	T	Bromobenzene	0.982	0.928	0.823	0.926	0.936	0.933	0.921	5.67
78)	T	n-propylbenzene	4.979	4.605	4.262	4.905	5.046	4.904	4.783	6.20
79)	T	2-Chlorotoluene	2.922	2.707	2.449	2.741	2.824	2.768	2.735	5.82
80)	T	1,3,5-Trimethy...	3.307	3.096	2.895	3.256	3.373	3.277	3.201	5.49
81)	T	trans-1,4-Dich...	0.213	0.214	0.193	0.238	0.229	0.243	0.222	8.31
82)	T	4-Chlorotoluene	2.991	2.866	2.534	2.849	2.931	2.824	2.832	5.59
83)	T	tert-Butylbenzene	2.890	2.771	2.493	2.924	3.096	2.959	2.855	7.23
84)	T	1,2,4-Trimethy...	3.241	3.006	2.901	3.274	3.353	3.294	3.178	5.70
85)	T	sec-Butylbenzene	4.457	3.977	3.848	4.358	4.471	4.380	4.248	6.29
86)	T	p-Isopropyltol...	3.547	3.237	3.132	3.591	3.761	3.732	3.500	7.42
87)	T	1,3-Dichlorobe...	2.031	1.861	1.640	1.812	1.840	1.822	1.834	6.80
88)	T	1,4-Dichlorobe...	1.989	1.820	1.624	1.782	1.783	1.764	1.794	6.54
89)	T	n-Butylbenzene	3.269	2.837	2.867	3.387	3.535	3.497	3.232	9.55
90)	T	Hexachloroethane	0.840	0.746	0.649	0.729	0.759	0.757	0.747	8.24
91)	T	1,2-Dichlorobe...	1.723	1.561	1.431	1.588	1.568	1.560	1.572	5.92
92)	T	1,2-Dibromo-3-...	0.117	0.101	0.092	0.108	0.098	0.108	0.104	8.28
93)	T	1,2,4-Trichlor...	0.864	0.723	0.735	0.908	0.926	0.994	0.859	12.66
94)	T	Hexachlorobuta...	0.581	0.469	0.480	0.551	0.567	0.582	0.538	9.41
95)	T	Naphthalene	1.214	1.048	1.148	1.580	1.571	1.779	1.390	21.00
96)	T	1,2,3-Trichlor...	0.734	0.604	0.614	0.775	0.771	0.835	0.722	12.99

(#) = Out of Range

Naphthalene

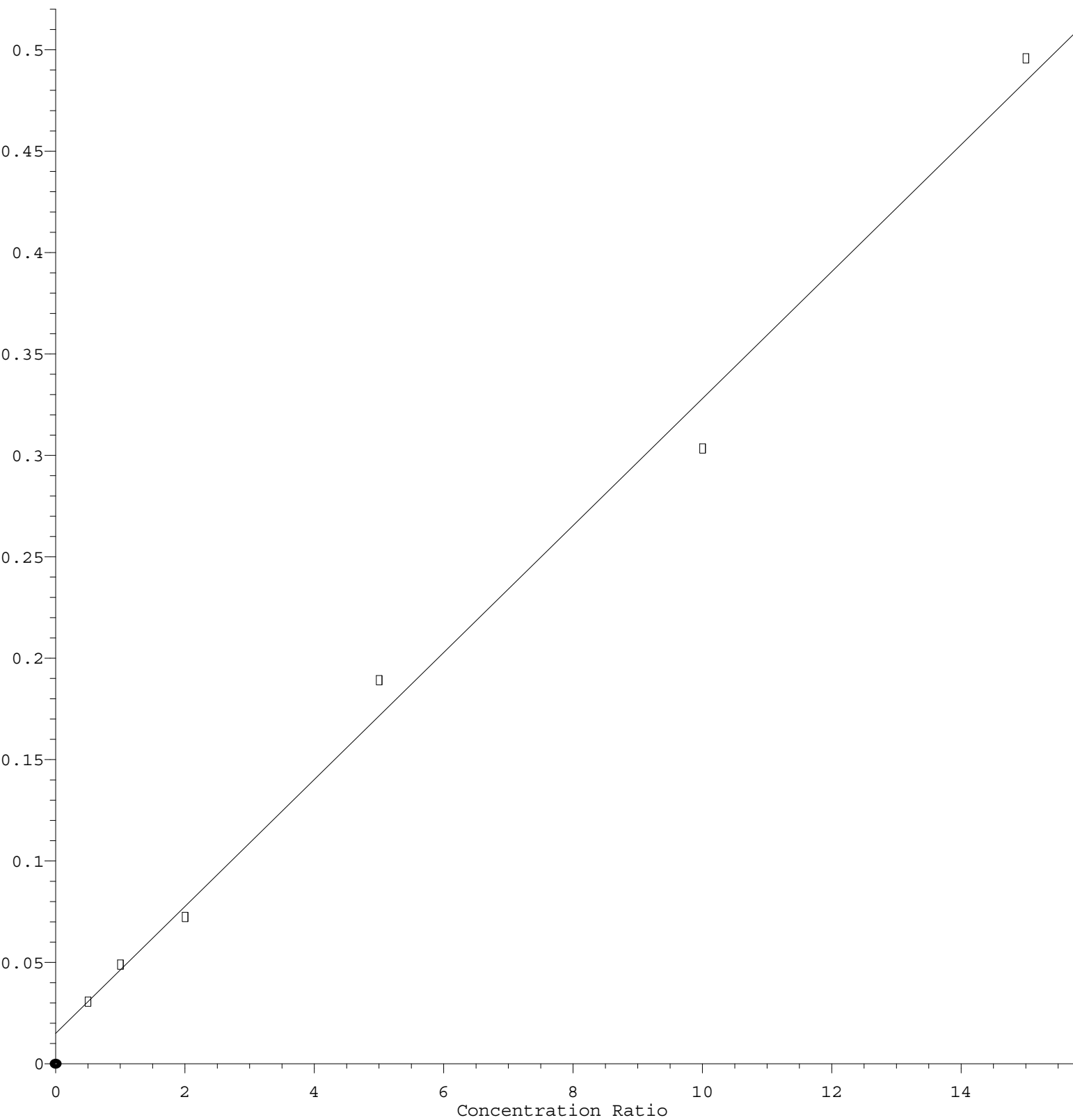
Response Ratio



$R = 1.461e-001 A^2 + 1.344e+000 A - 3.906e-002$
 Coef of Det (r^2) = 0.998562 Curve Fit: Quadratic
 Method Name: Z:\voasrv\HPCHEM1\MSVOA Y\methods\82Y030425S.M
 Calibration Table Last Updated: Wed Mar 05 12:42:45 2025

Tert butyl alcohol

Response Ratio



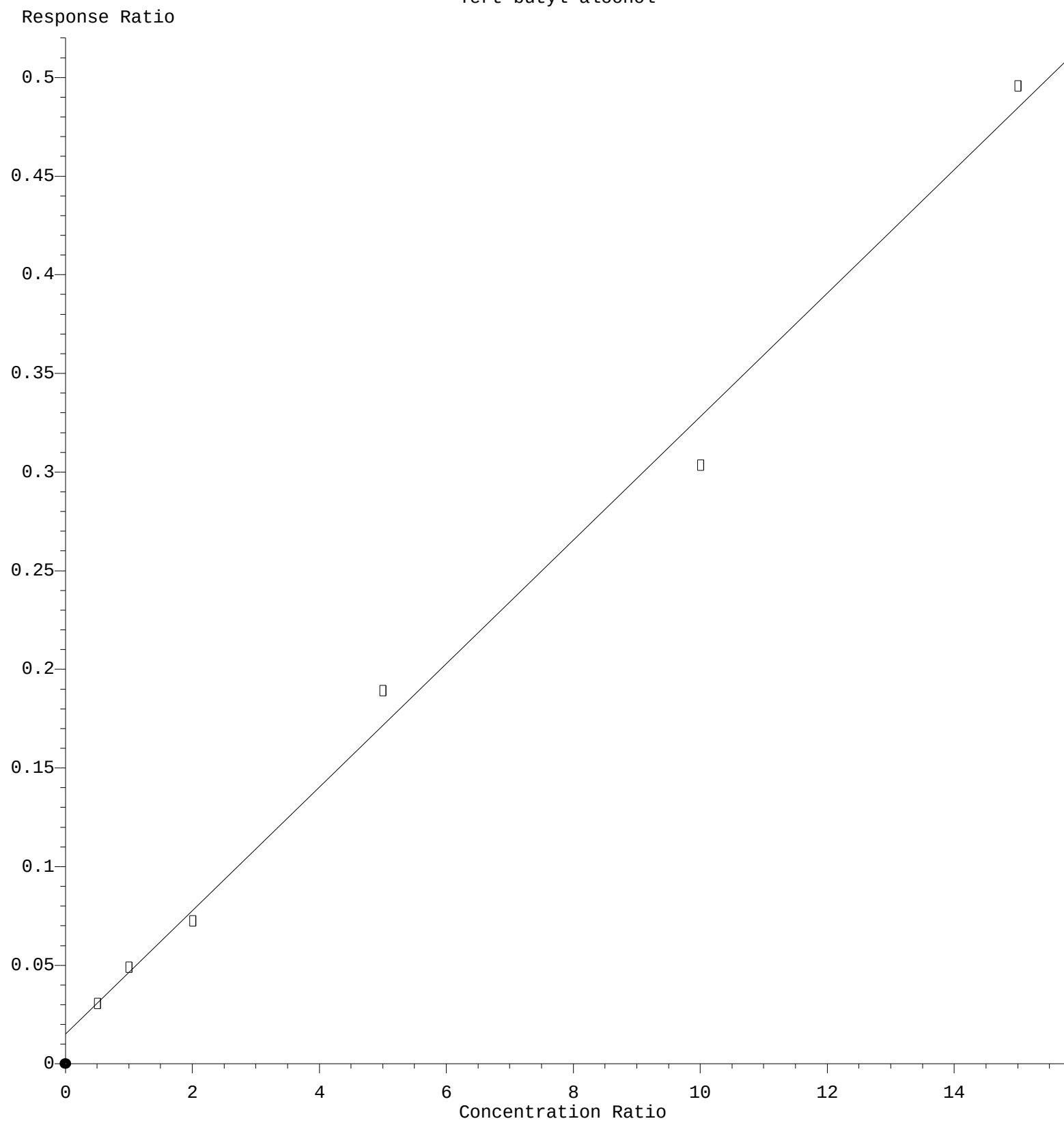
$$\text{Response} = 3.126\text{e-}002 * \text{Amt} + 1.549\text{e-}002$$

Coef of Det (r^2) = 0.993493 Curve Fit: Linear

Method Name: Z:\voasrv\HPCHEM1\MSVOA Y\methods\82Y030425S.M

Calibration Table Last Updated: Wed Mar 05 12:42:45 2025

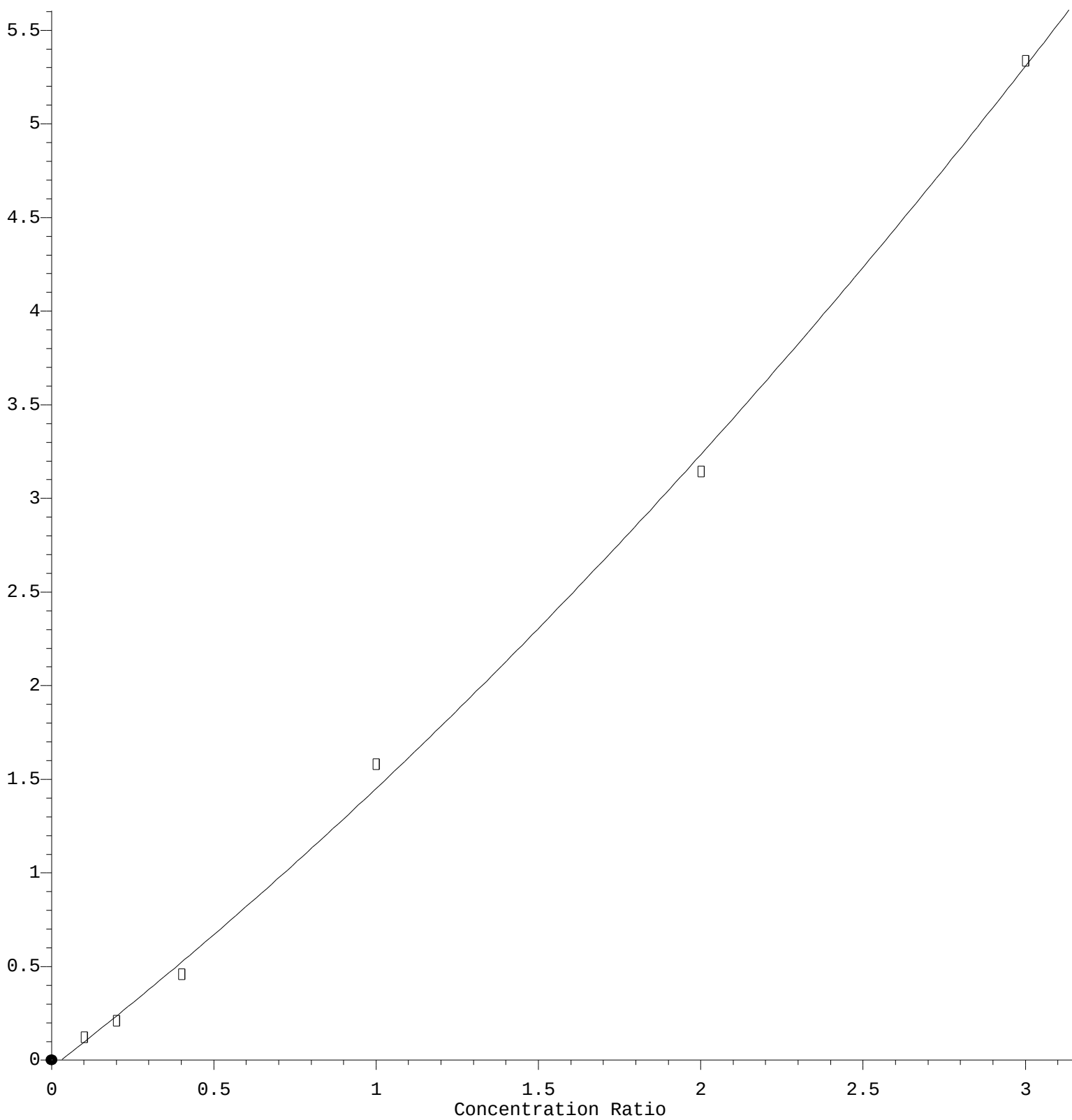
Tert butylalcohol



Response = $3.126 \times 10^{-2} \times \text{Amt} + 1.549 \times 10^{-2}$
 Coef of Det (r^2) = 0.993493 Curve Fit: Linear
 Method Name: Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Calibration Table Last Updated: Wed Mar 05 12:42:45 2025

Naphthalene

Response Ratio



$R = 1.461e-001 A^2 + 1.344e+000 A - 3.906e-002$
 Coef of Det (r^2) = 0.998562 Curve Fit: Quadratic
 Method Name: Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Calibration Table Last Updated: Wed Mar 05 12:42:45 2025

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
 Data File : VY021397.D
 Acq On : 04 Mar 2025 09:46
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
 Supervised By :Semsettin Yesilyurt 03/06/2025

Quant Time: Mar 05 02:57:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 02:30:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	210415	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	334495	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	286225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	137839	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	24408	10.975	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	21.960%#		
35) Dibromofluoromethane	7.640	113	23289	10.592	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	21.180%#		
50) Toluene-d8	10.109	98	85383	10.256	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	20.520%#		
62) 4-Bromofluorobenzene	12.407	95	28379	10.022	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	20.040%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	20733	10.737	ug/l	93
3) Chloromethane	2.074	50	29226	10.736	ug/l	100
4) Vinyl Chloride	2.208	62	32085	10.785	ug/l	95
5) Bromomethane	2.604	94	23372	10.870	ug/l	97
6) Chloroethane	2.744	64	21248	10.808	ug/l	95
7) Trichlorofluoromethane	3.067	101	44207	10.646	ug/l	97
8) Diethyl Ether	3.464	74	11802	10.256	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.823	101	25259	10.654	ug/l	98
10) Methyl Iodide	4.012	142	23638	9.809	ug/l	100
11) Tert butyl alcohol	4.872	59	10292m	53.545	ug/l	
12) 1,1-Dichloroethene	3.805	96	22821	10.558	ug/l	94
13) Acrolein	3.659	56	10792	95.404	ug/l	92
14) Allyl chloride	4.397	41	35815	10.253	ug/l	100
15) Acrylonitrile	5.073	53	25558	52.174	ug/l	99
16) Acetone	3.872	43	26021	53.644	ug/l	98
17) Carbon Disulfide	4.116	76	71755	10.593	ug/l	98
18) Methyl Acetate	4.397	43	10640	9.886	ug/l	95
19) Methyl tert-butyl Ether	5.128	73	54266	9.906	ug/l	99
20) Methylene Chloride	4.622	84	30170	11.849	ug/l	96
21) trans-1,2-Dichloroethene	5.128	96	25590	10.572	ug/l	90
22) Diisopropyl ether	6.030	45	76752	10.196	ug/l	96
23) Vinyl Acetate	5.969	43	209626	48.795	ug/l	99
24) 1,1-Dichloroethane	5.921	63	47303	10.647	ug/l	96
25) 2-Butanone	6.902	43	33631	50.121	ug/l	100
26) 2,2-Dichloropropane	6.890	77	43881	10.734	ug/l	100
27) cis-1,2-Dichloroethene	6.908	96	28406	10.330	ug/l	98
28) Bromochloromethane	7.250	49	20230	10.861	ug/l	99
29) Tetrahydrofuran	7.274	42	20096	48.513	ug/l	99
30) Chloroform	7.426	83	49699	10.773	ug/l	96
31) Cyclohexane	7.707	56	43729	10.499	ug/l #	91
32) 1,1,1-Trichloroethane	7.628	97	44743	10.592	ug/l	98
36) 1,1-Dichloropropene	7.841	75	35303	10.258	ug/l	99
37) Ethyl Acetate	6.994	43	15039	9.687	ug/l	99
38) Carbon Tetrachloride	7.823	117	41920	10.591	ug/l	98
39) Methylcyclohexane	9.109	83	39826	9.434	ug/l	94
40) Benzene	8.085	78	103944	10.253	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
 Data File : VY021397.D
 Acq On : 04 Mar 2025 09:46
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
 Supervised By :Semsettin Yesilyurt 03/06/2025

Quant Time: Mar 05 02:57:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 02:30:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	8855m	10.472	ug/l	
42) 1,2-Dichloroethane	8.164	62	29851	10.525	ug/l	99
43) Isopropyl Acetate	8.201	43	28138	9.529	ug/l #	90
44) Trichloroethene	8.871	130	26077	10.179	ug/l	98
45) 1,2-Dichloropropane	9.146	63	24839	10.294	ug/l	96
46) Dibromomethane	9.237	93	13535	10.081	ug/l	99
47) Bromodichloromethane	9.426	83	36777	10.315	ug/l	97
48) Methyl methacrylate	9.225	41	12236	8.937	ug/l	99
49) 1,4-Dioxane	9.249	88	2337	177.344	ug/l #	87
51) 4-Methyl-2-Pentanone	9.999	43	70235	46.097	ug/l	100
52) Toluene	10.176	92	63716	9.968	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	29928	9.528	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	36383	9.756	ug/l	96
55) 1,1,2-Trichloroethane	10.578	97	17683	10.069	ug/l	96
56) Ethyl methacrylate	10.444	69	19614	8.757	ug/l	99
57) 1,3-Dichloropropane	10.725	76	30899	10.151	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	45096	43.615	ug/l	100
59) 2-Hexanone	10.767	43	45211	44.876	ug/l	96
60) Dibromochloromethane	10.914	129	23922	9.936	ug/l	100
61) 1,2-Dibromoethane	11.017	107	16472	9.938	ug/l	96
64) Tetrachloroethene	10.652	164	23948	10.289	ug/l	97
65) Chlorobenzene	11.444	112	68332	10.110	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.523	131	24052	10.065	ug/l	99
67) Ethyl Benzene	11.523	91	114793	9.676	ug/l	97
68) m/p-Xylenes	11.633	106	87134	19.346	ug/l	98
69) o-Xylene	11.956	106	40080	9.655	ug/l	98
70) Styrene	11.974	104	64841	9.416	ug/l	99
71) Bromoform	12.139	173	12983	9.719	ug/l #	94
73) Isopropylbenzene	12.261	105	104663	9.639	ug/l	99
74) N-amyl acetate	12.072	43	20573	8.725	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.511	83	19638	10.249	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	14405m	10.371	ug/l	
77) Bromobenzene	12.535	156	25588	10.073	ug/l	99
78) n-propylbenzene	12.602	91	126938	9.626	ug/l	99
79) 2-Chlorotoluene	12.682	91	74631	9.898	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	85353	9.673	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	5896	9.650	ug/l	98
82) 4-Chlorotoluene	12.785	91	78997	10.118	ug/l	100
83) tert-Butylbenzene	13.005	119	76394	9.705	ug/l	98
84) 1,2,4-Trimethylbenzene	13.047	105	82865	9.458	ug/l	100
85) sec-Butylbenzene	13.182	105	109643	9.362	ug/l	100
86) p-Isopropyltoluene	13.297	119	89228	9.248	ug/l	100
87) 1,3-Dichlorobenzene	13.291	146	51307	10.147	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	50160	10.143	ug/l	97
89) n-Butylbenzene	13.620	91	78217	8.779	ug/l	100
90) Hexachloroethane	13.883	117	20579	9.998	ug/l	96
91) 1,2-Dichlorobenzene	13.663	146	43028	9.929	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.285	75	2787	9.710	ug/l	94
93) 1,2,4-Trichlorobenzene	14.925	180	19935	8.422	ug/l	97
94) Hexachlorobutadiene	15.029	225	12923	8.709	ug/l	98
95) Naphthalene	15.151	128	28894	9.071	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	16639	8.358	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
Data File : VY021397.D
Acq On : 04 Mar 2025 09:46
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

Quant Time: Mar 05 02:57:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 02:30:51 2025
Response via : Initial Calibration

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

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

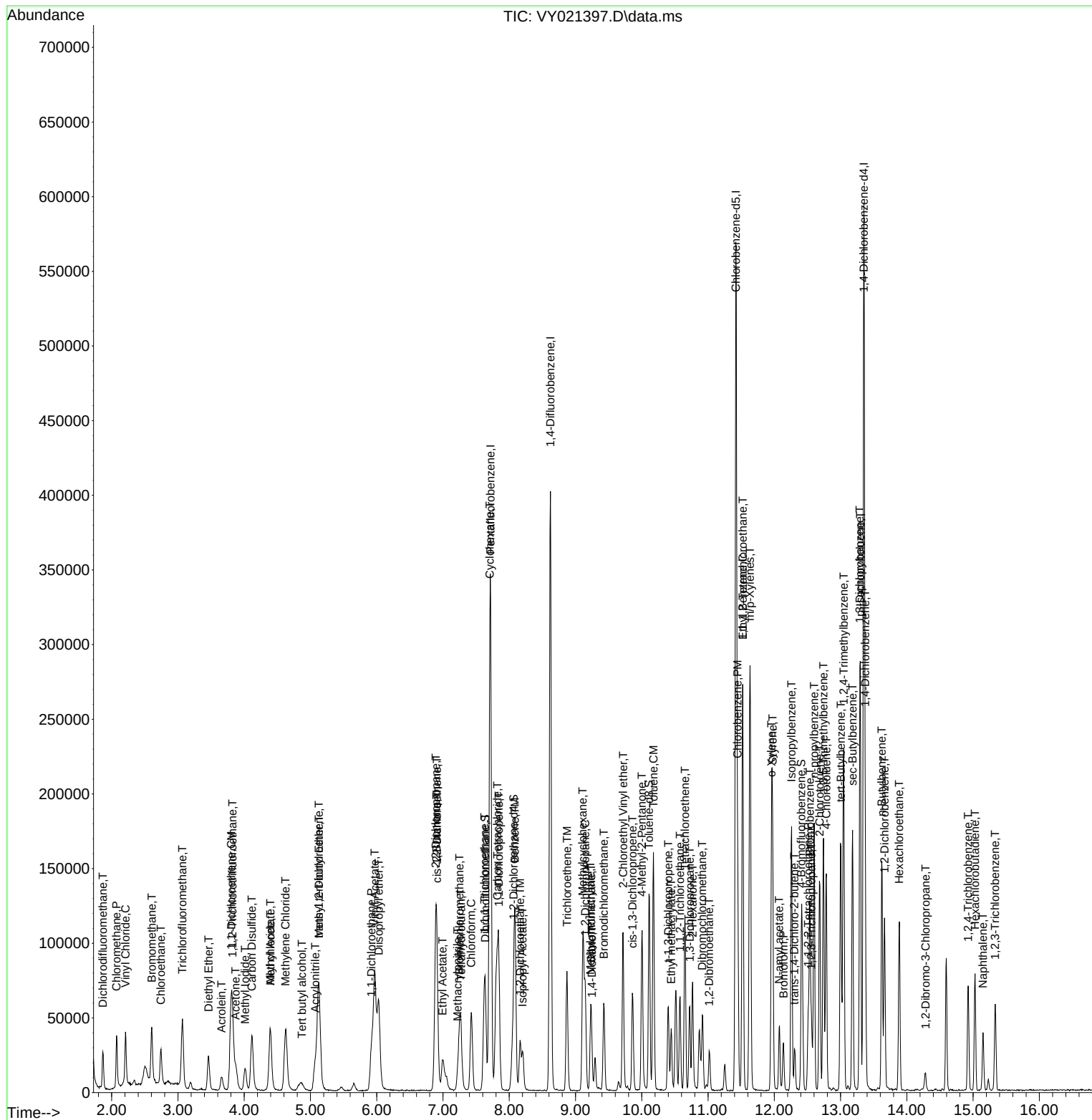
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 Data File : VY021397.D
 Acq On : 04 Mar 2025 09:46
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

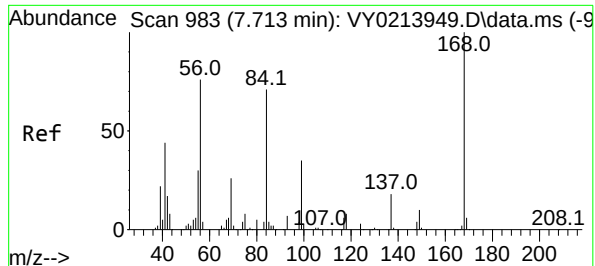
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Manual Integrations APPROVED

Reviewed By : Mahesh Dadoda 03/06/2025
 Supervised By : Semsettin Yesilyurt 03/06/2025

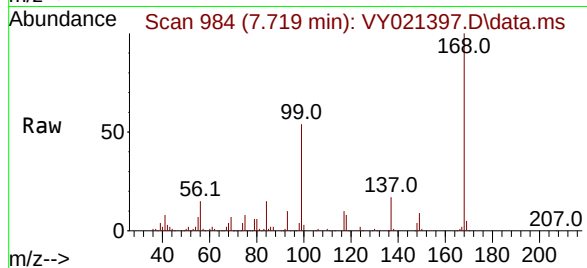
Quant Time: Mar 05 02:57:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 02:30:51 2025
 Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

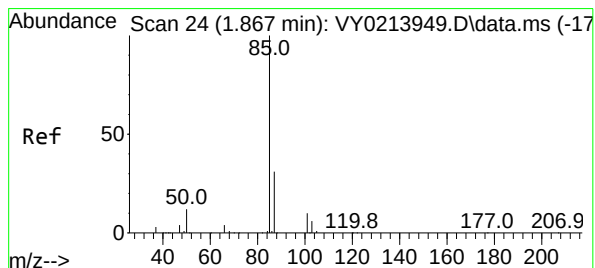
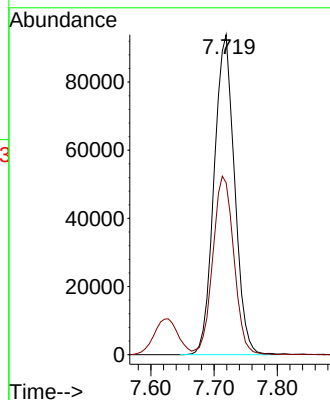
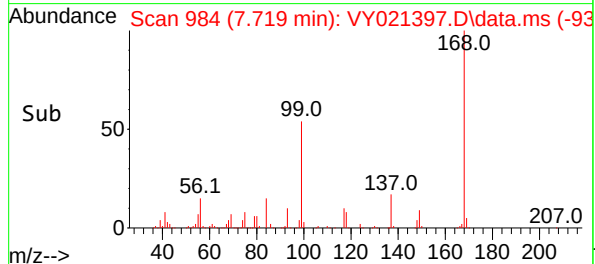
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion:168 Resp: 21041
Ion Ratio Lower Upper
168 100
99 53.7 46.0 69.0

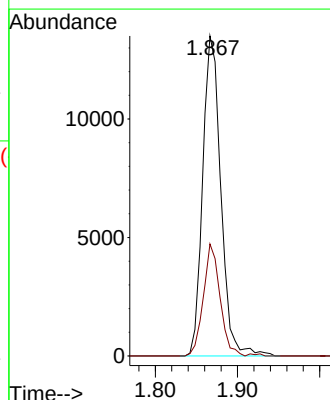
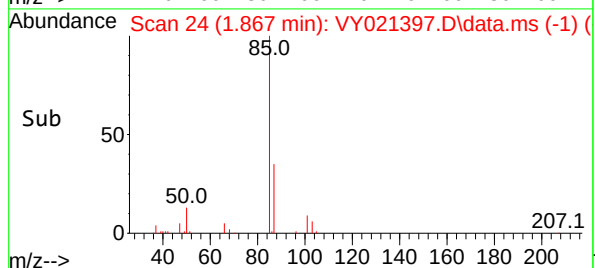
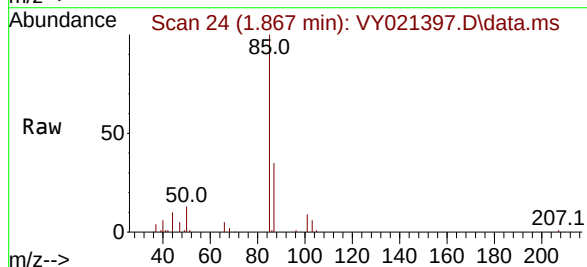
Manual Integrations
APPROVED

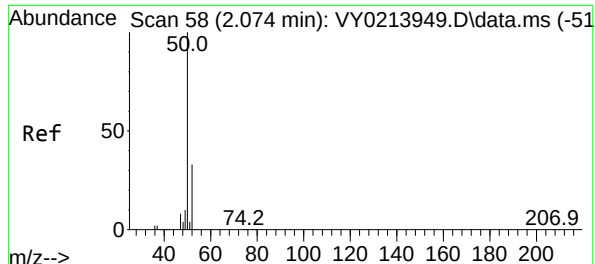
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#2
Dichlorodifluoromethane
Concen: 10.737 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

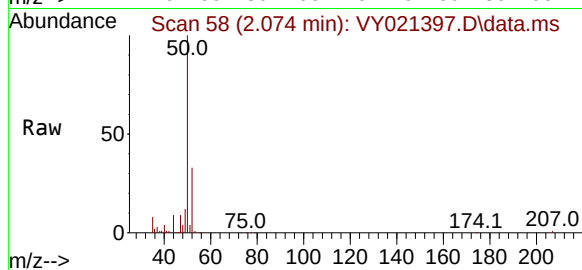
Tgt Ion: 85 Resp: 20733
Ion Ratio Lower Upper
85 100
87 35.0 15.7 47.0





#3
Chloromethane
Concen: 10.736 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

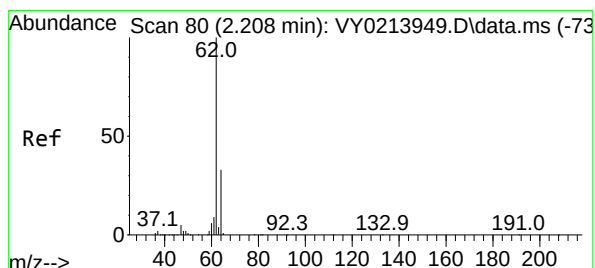
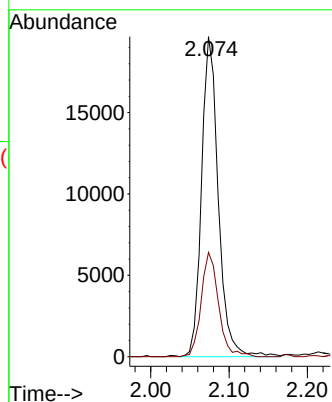
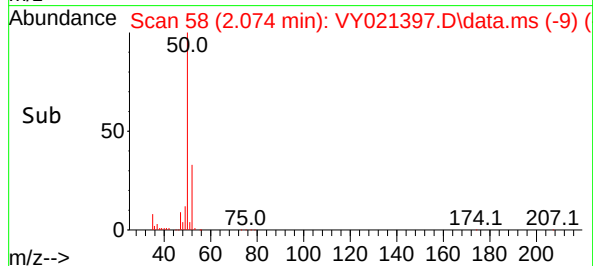
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 50 Resp: 29220
Ion Ratio Lower Upper
50 100
52 32.6 26.2 39.2

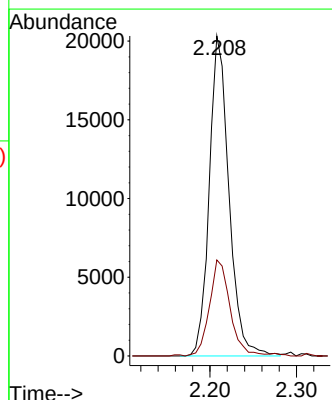
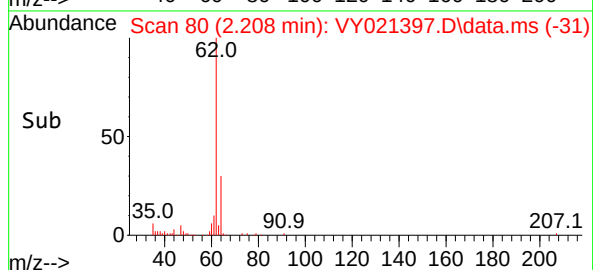
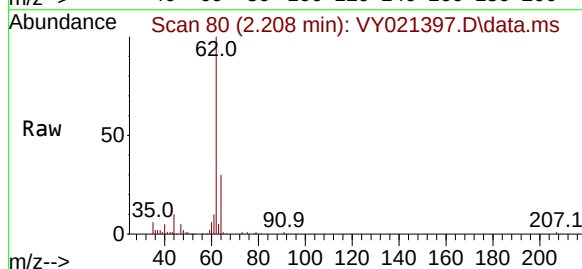
Manual Integrations
APPROVED

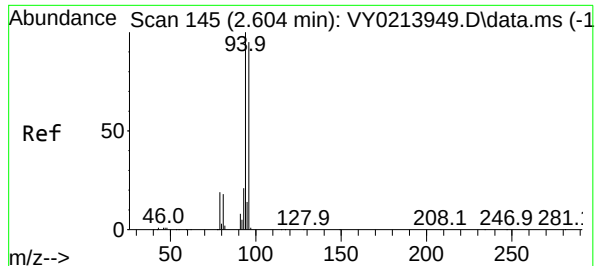
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#4
Vinyl Chloride
Concen: 10.785 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

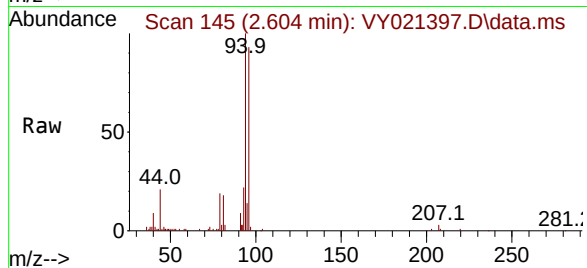
Tgt Ion: 62 Resp: 32085
Ion Ratio Lower Upper
62 100
64 29.6 26.2 39.2





#5
Bromomethane
Concen: 10.870 ug/l
RT: 2.604 min Scan# 145
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

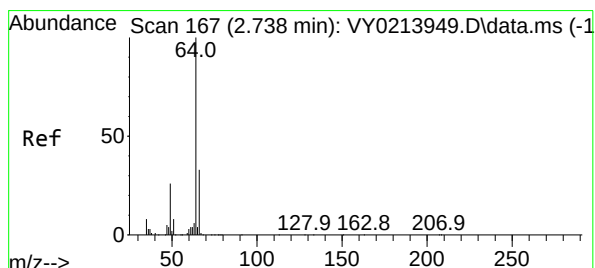
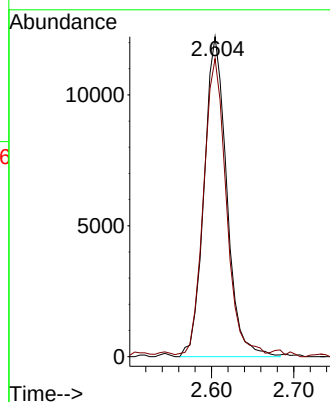
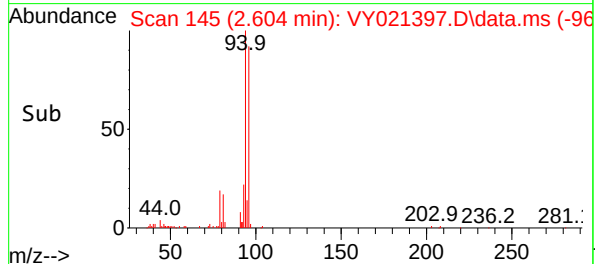
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



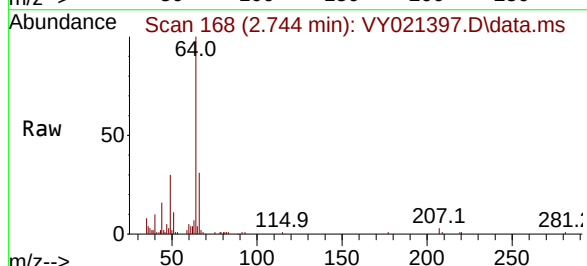
Tgt Ion: 94 Resp: 23372
Ion Ratio Lower Upper
94 100
96 92.1 76.3 114.5

Manual Integrations
APPROVED

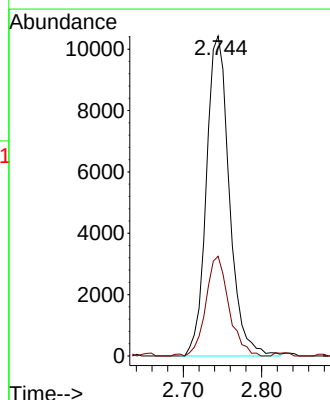
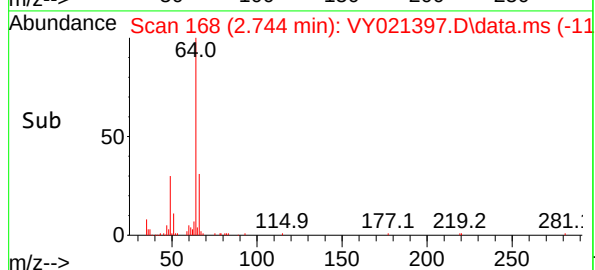
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

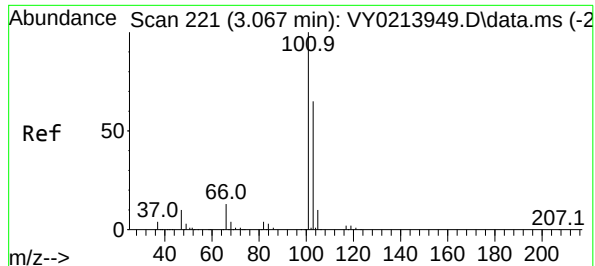


#6
Chloroethane
Concen: 10.808 ug/l
RT: 2.744 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46



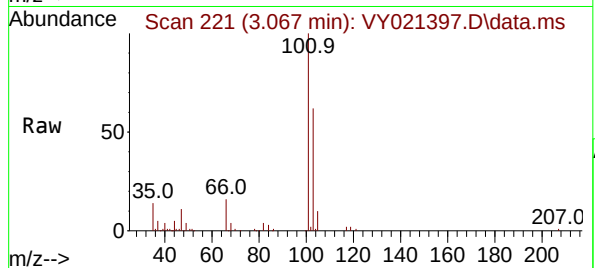
Tgt Ion: 64 Resp: 21248
Ion Ratio Lower Upper
64 100
66 30.5 26.7 40.1





#7
Trichlorofluoromethane
Concen: 10.646 ug/l
RT: 3.067 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

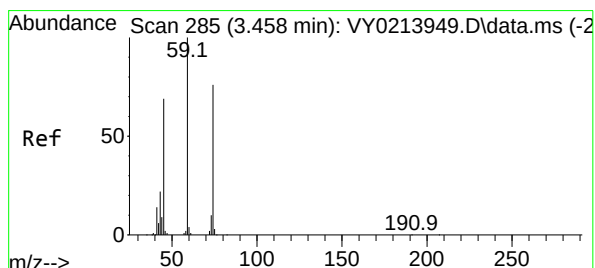
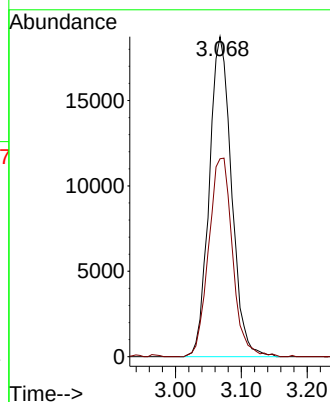
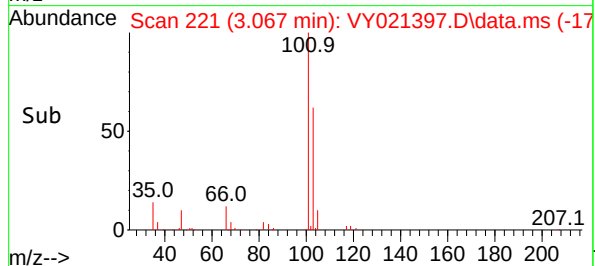
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion:101 Resp: 4420
Ion Ratio Lower Upper
101 100
103 61.9 51.7 77.5

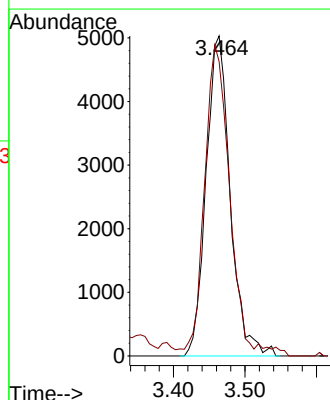
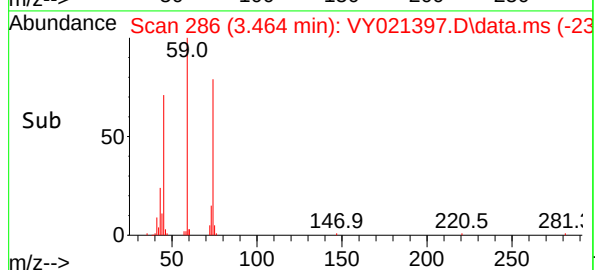
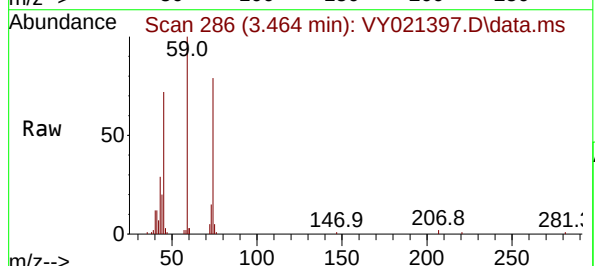
Manual Integrations
APPROVED

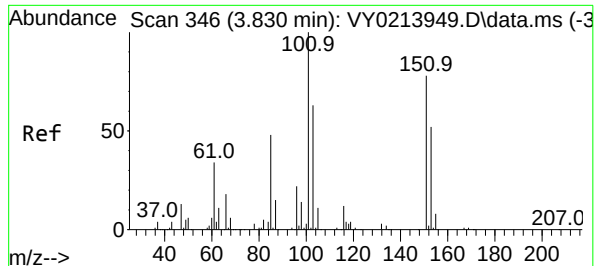
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#8
Diethyl Ether
Concen: 10.256 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.006 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

Tgt Ion: 74 Resp: 11802
Ion Ratio Lower Upper
74 100
45 95.1 49.7 149.1





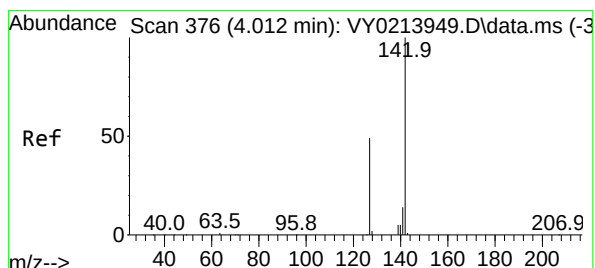
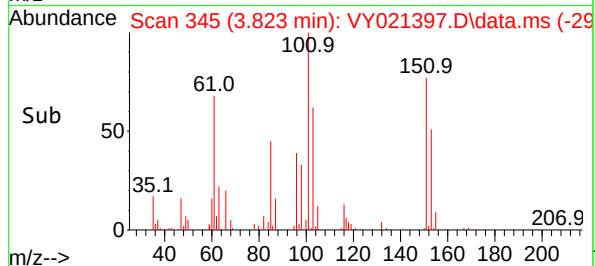
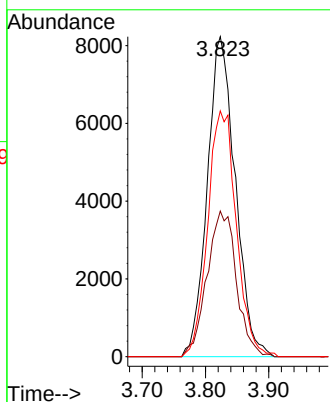
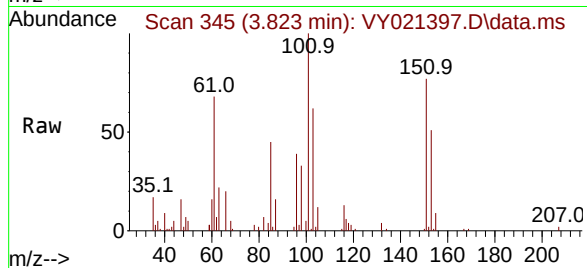
#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.654 ug/l
RT: 3.823 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion	101	Resp	2525
Ion	Ratio	Lower	Upper
101	100		
85	47.9	37.1	55.7
151	78.7	62.1	93.1

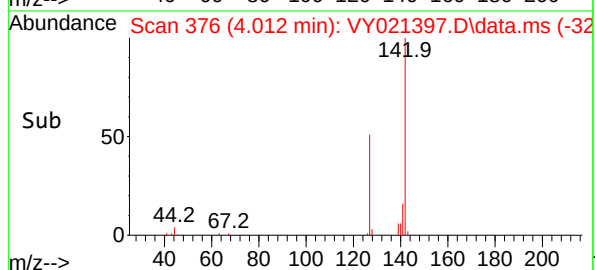
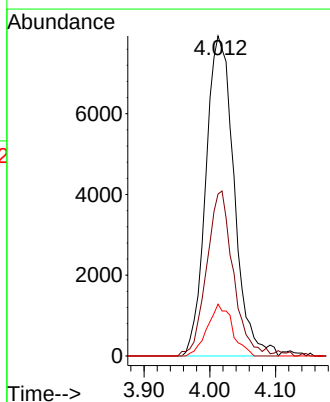
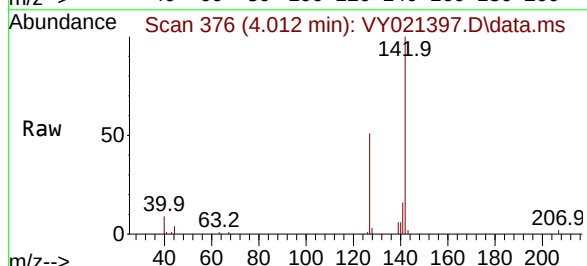
Manual Integrations
APPROVED

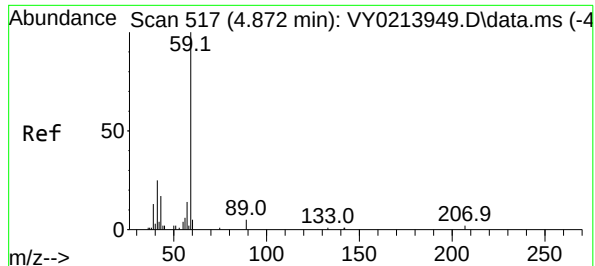
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#10
Methyl Iodide
Concen: 9.809 ug/l
RT: 4.012 min Scan# 376
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

Tgt Ion	142	Resp	23638
Ion	Ratio	Lower	Upper
142	100		
127	48.7	39.1	58.7
141	14.3	11.8	17.6





#11

Tert butyl alcohol

Concen: 53.545 ug/l m

RT: 4.872 min Scan# 517

Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 59 Resp: 10292

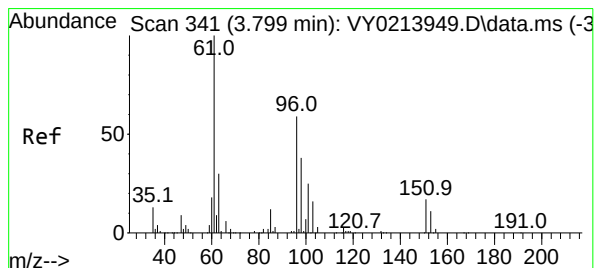
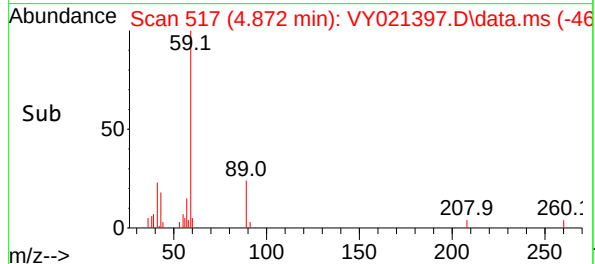
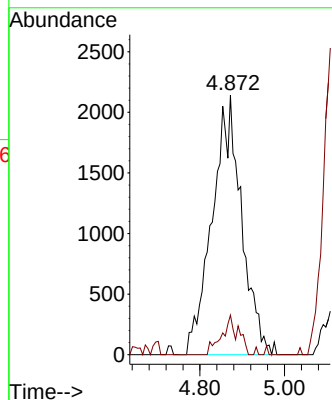
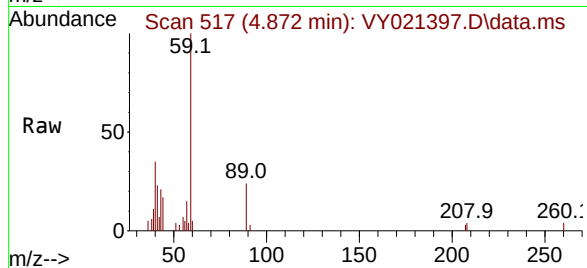
Ion Ratio Lower Upper

59 100

57 6.3 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#12

1,1-Dichloroethene

Concen: 10.558 ug/l

RT: 3.805 min Scan# 342

Delta R.T. 0.006 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

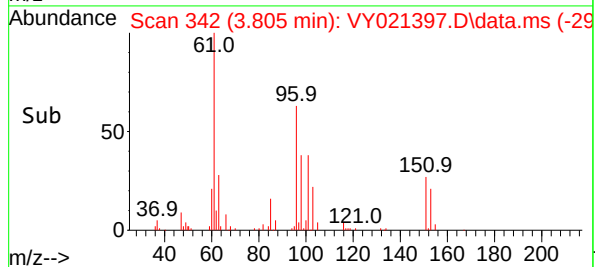
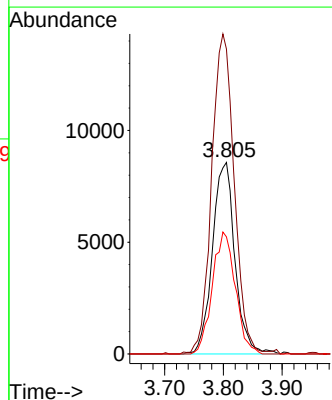
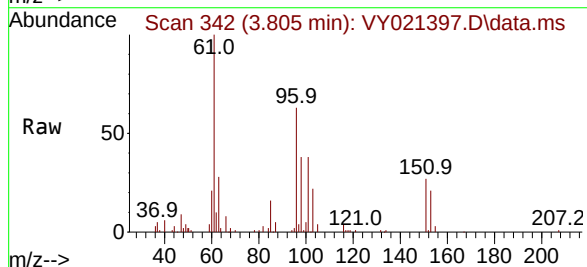
Tgt Ion: 96 Resp: 22821

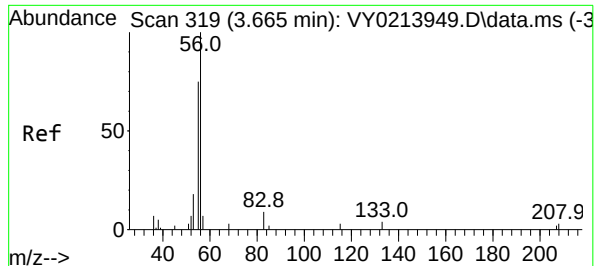
Ion Ratio Lower Upper

96 100

61 159.2 135.2 202.8

98 61.1 51.4 77.2





#13

Acrolein

Concen: 95.404 ug/l

RT: 3.659 min Scan# 318

Delta R.T. -0.006 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 56 Resp: 10792

Ion Ratio Lower Upper

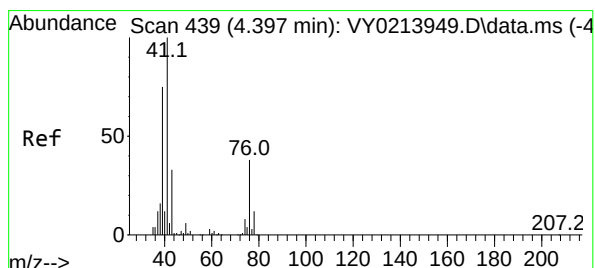
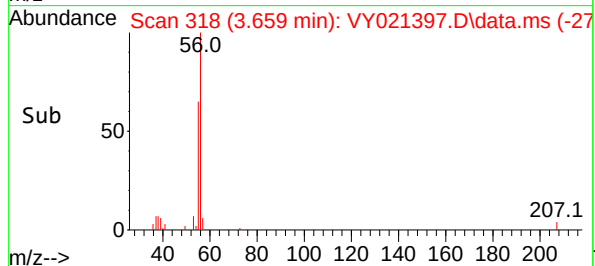
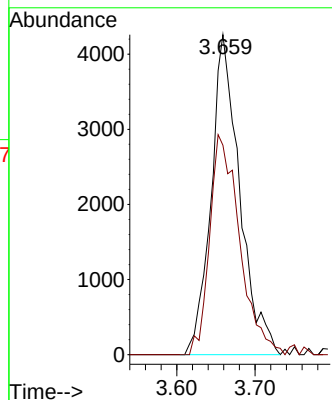
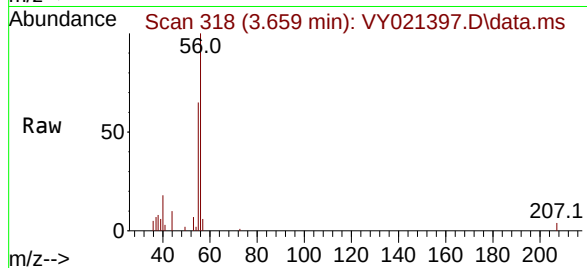
56 100

55 72.0 63.4 95.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#14

Allyl chloride

Concen: 10.253 ug/l

RT: 4.397 min Scan# 439

Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

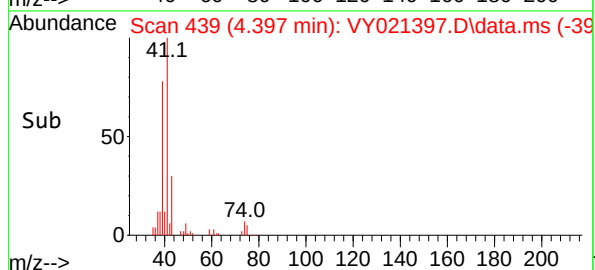
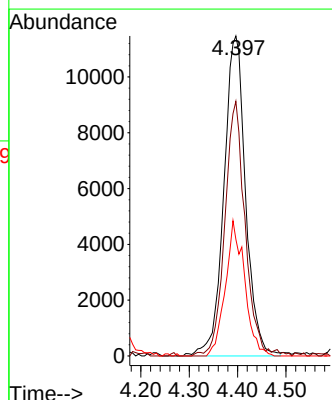
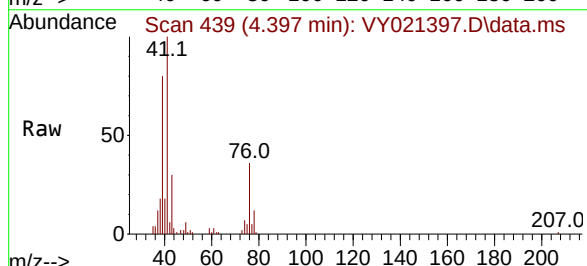
Tgt Ion: 41 Resp: 35815

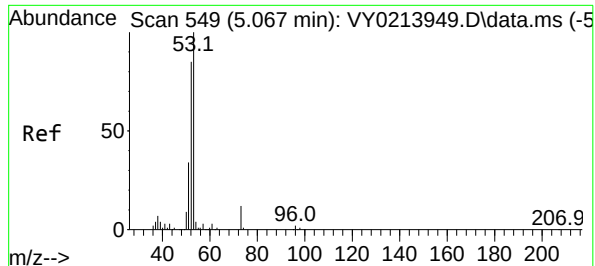
Ion Ratio Lower Upper

41 100

39 74.5 59.3 88.9

76 37.5 29.8 44.8





#15

Acrylonitrile

Concen: 52.174 ug/l

RT: 5.073 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY021397.D

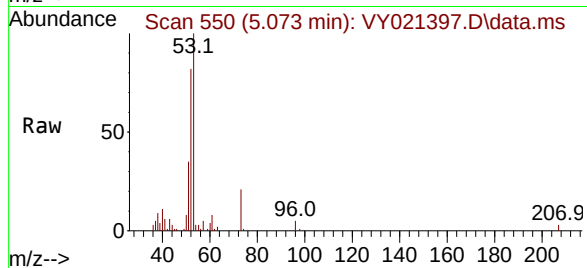
Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

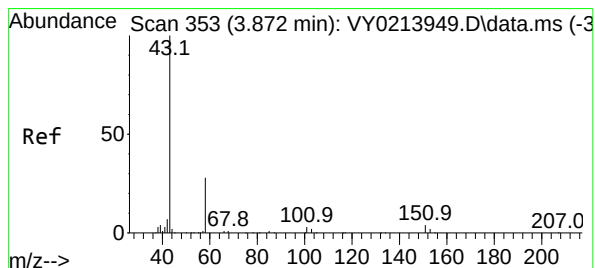
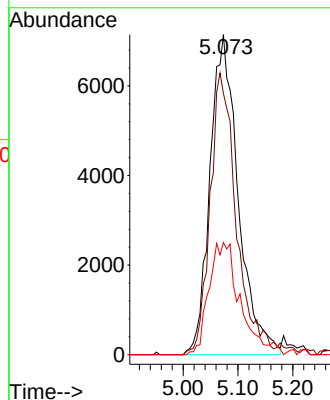
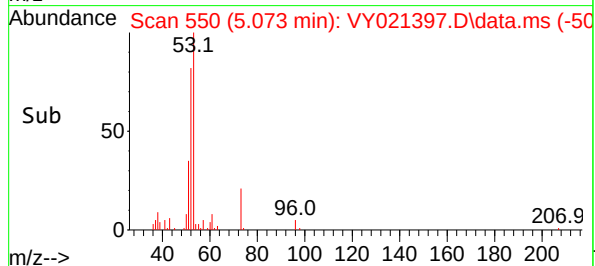
VSTDIC010



Tgt Ion:	53	Resp:	2555
Ion	Ratio	Lower	Upper
53	100		
52	81.2	66.3	99.5
51	37.6	30.3	45.5

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#16

Acetone

Concen: 53.644 ug/l

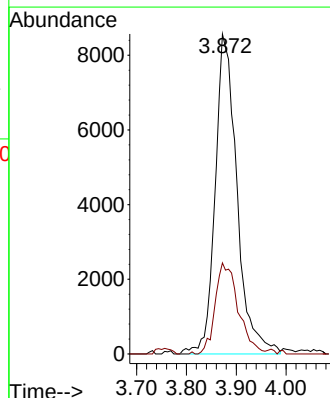
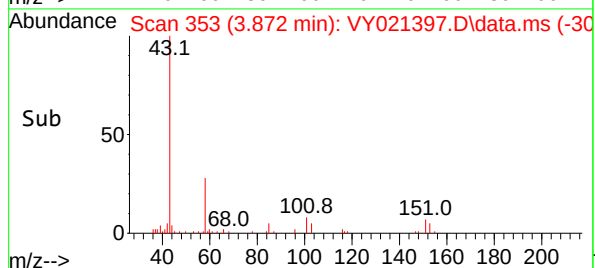
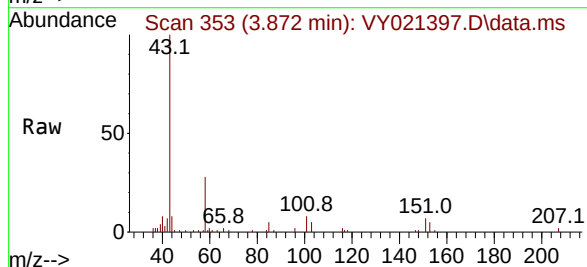
RT: 3.872 min Scan# 353

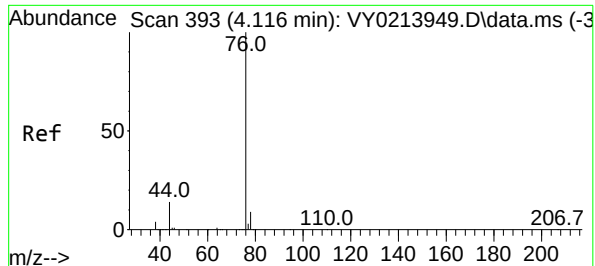
Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Tgt Ion:	43	Resp:	26021
Ion	Ratio	Lower	Upper
43	100		
58	28.4	22.1	33.1





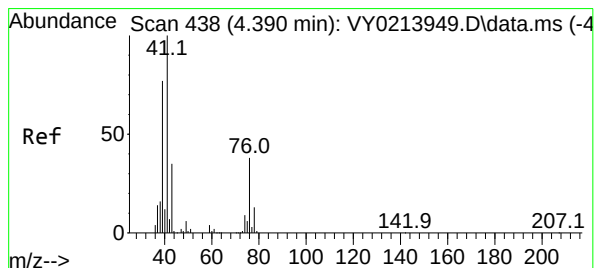
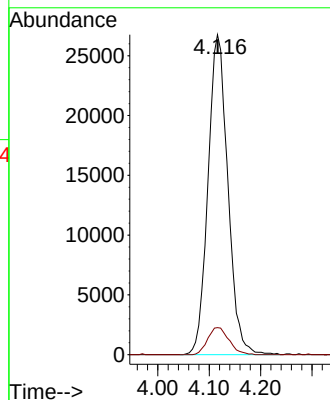
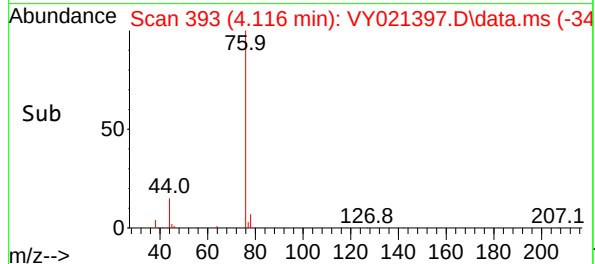
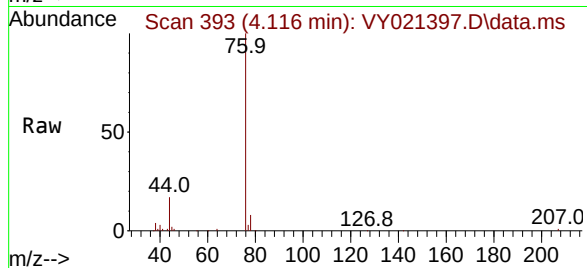
#17
Carbon Disulfide
Concen: 10.593 ug/l
RT: 4.116 min Scan# 393
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 76 Resp: 7175
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0

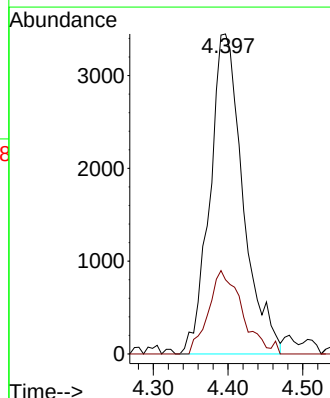
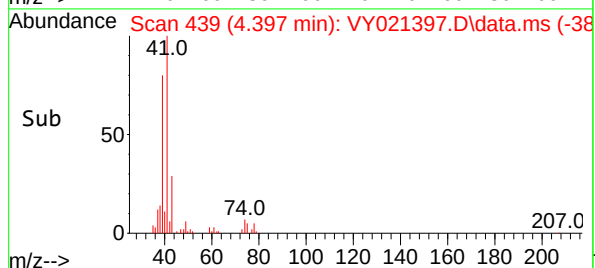
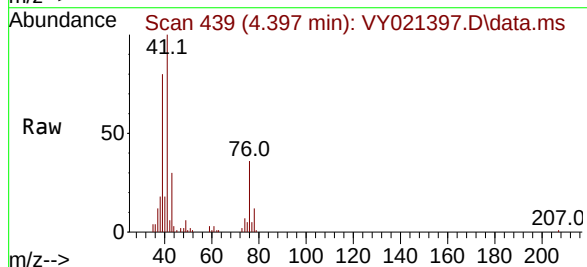
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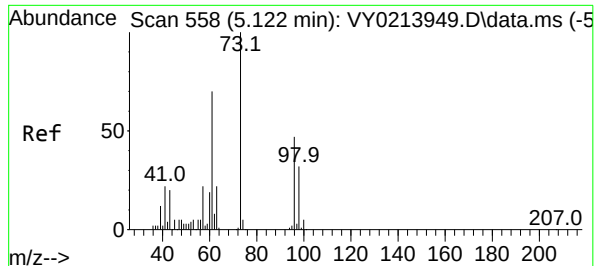
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#18
Methyl Acetate
Concen: 9.886 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

Tgt Ion: 43 Resp: 10640
Ion Ratio Lower Upper
43 100
74 26.6 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 9.906 ug/l

RT: 5.128 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 73 Resp: 5426

Ion Ratio Lower Upper

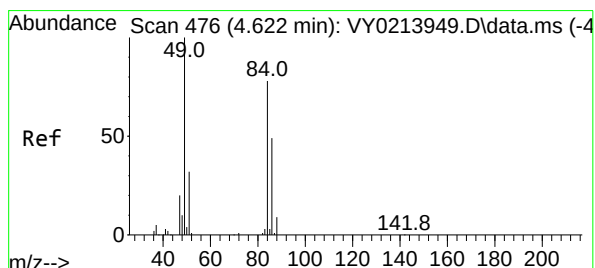
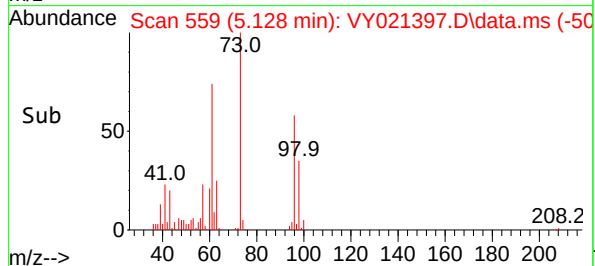
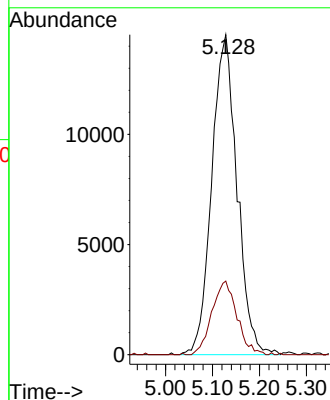
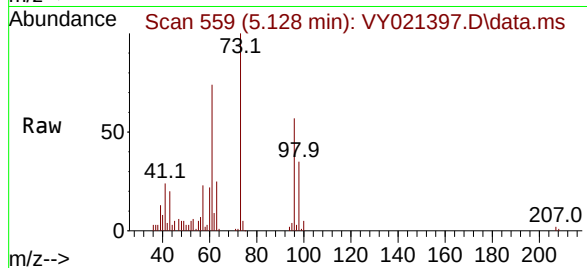
73 100

57 23.0 17.9 26.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#20

Methylene Chloride

Concen: 11.849 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Tgt Ion: 84 Resp: 30170

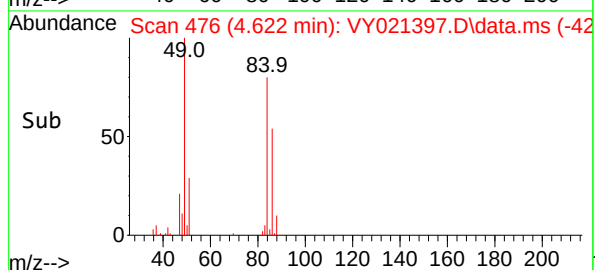
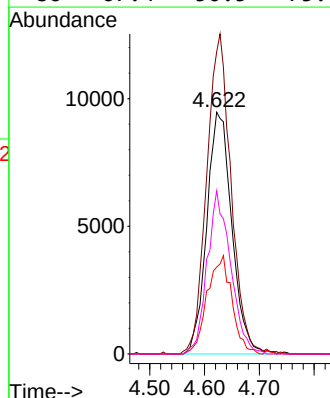
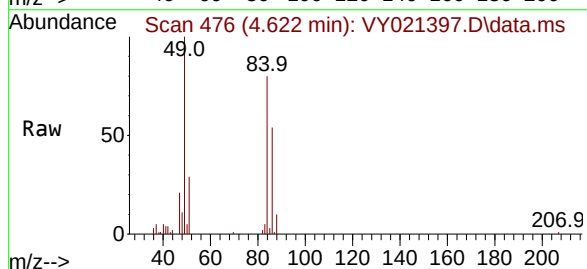
Ion Ratio Lower Upper

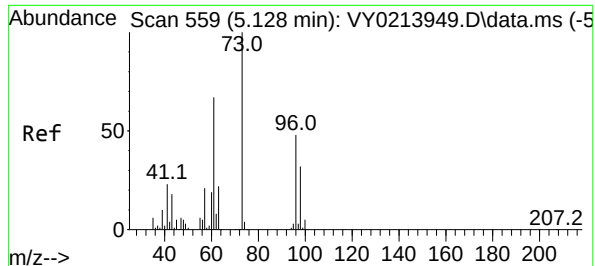
84 100

49 124.9 102.0 153.0

51 35.9 33.0 49.6

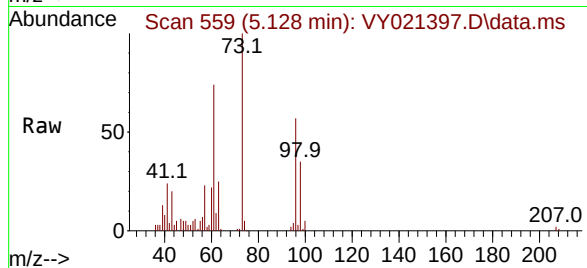
86 67.4 50.5 75.7





#21
trans-1,2-Dichloroethene
Concen: 10.572 ug/l
RT: 5.128 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

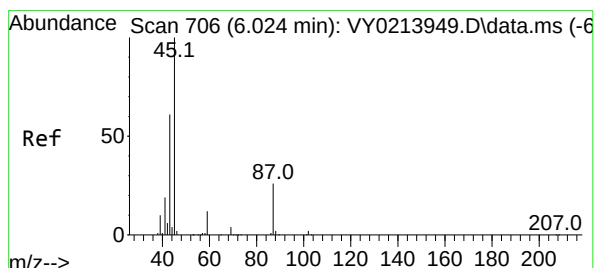
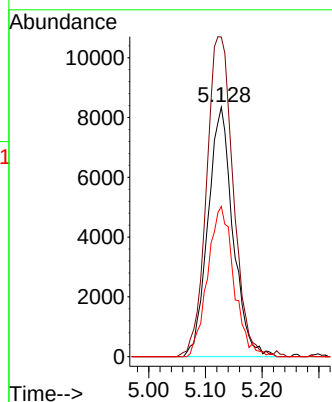
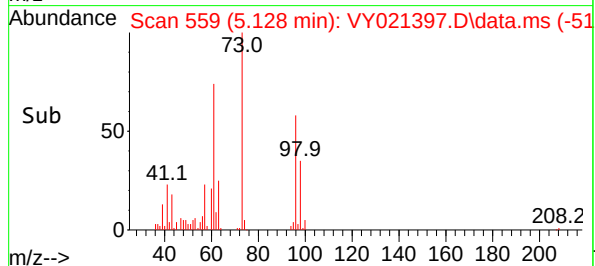
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 96 Resp: 25590
Ion Ratio Lower Upper
96 100
61 127.3 111.5 167.3
98 60.2 53.8 80.8

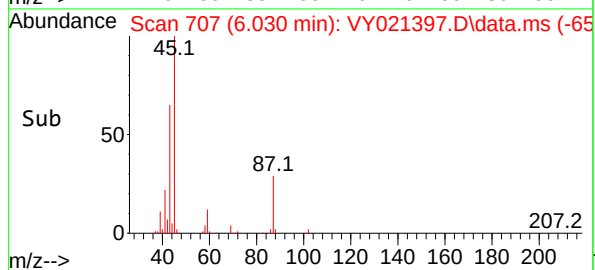
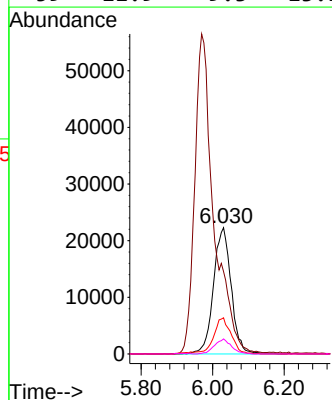
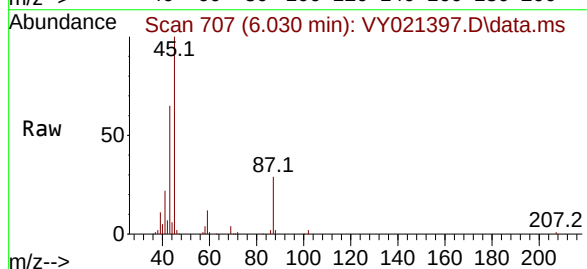
Manual Integrations
APPROVED

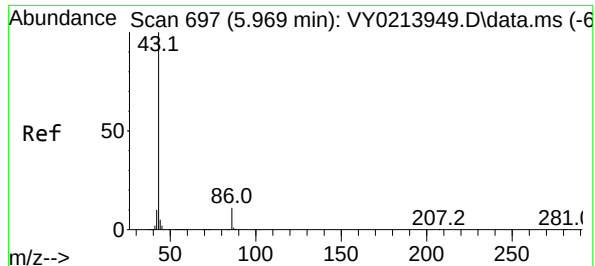
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#22
Diisopropyl ether
Concen: 10.196 ug/l
RT: 6.030 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

Tgt Ion: 45 Resp: 76752
Ion Ratio Lower Upper
45 100
43 64.4 48.7 73.1
87 28.6 21.5 32.3
59 11.9 9.3 13.9





#23

Vinyl Acetate

Concen: 48.795 ug/l

RT: 5.969 min Scan# 697

Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 43 Resp: 209620

Ion Ratio Lower Upper

43

100

86

11.0

8.5

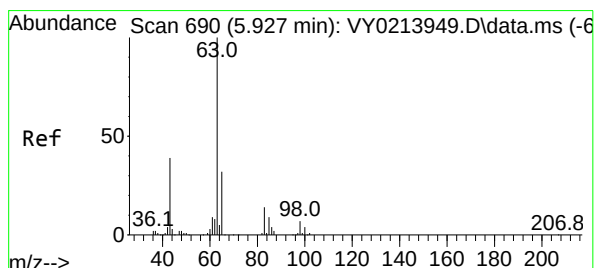
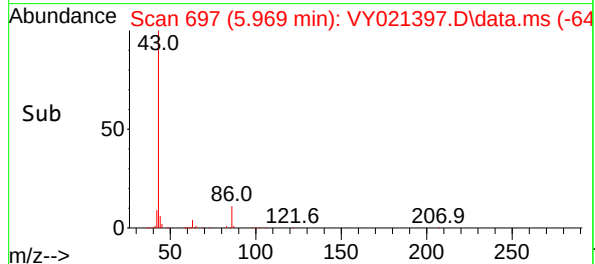
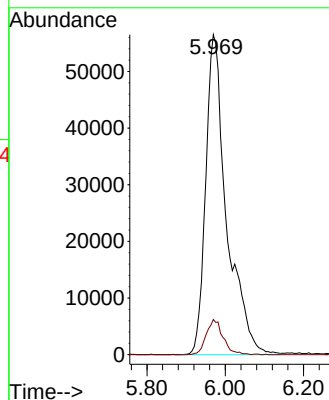
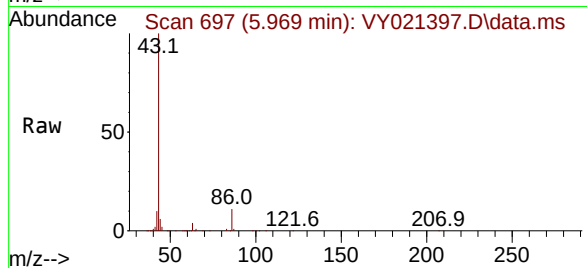
12.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#24

1,1-Dichloroethane

Concen: 10.647 ug/l

RT: 5.921 min Scan# 689

Delta R.T. -0.006 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Tgt Ion: 63 Resp: 47303

Ion Ratio Lower Upper

63

100

98

8.2

3.3

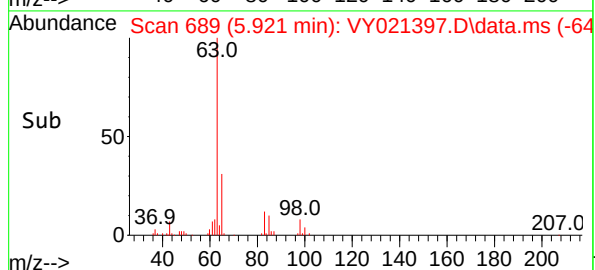
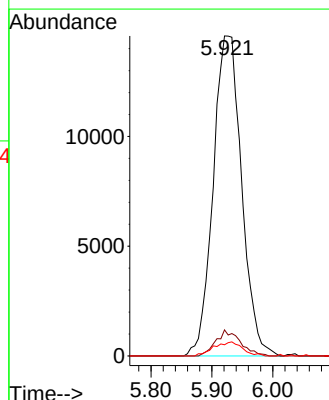
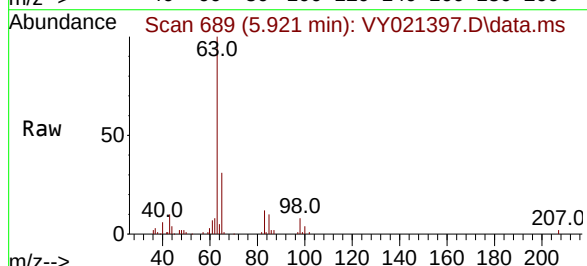
9.9

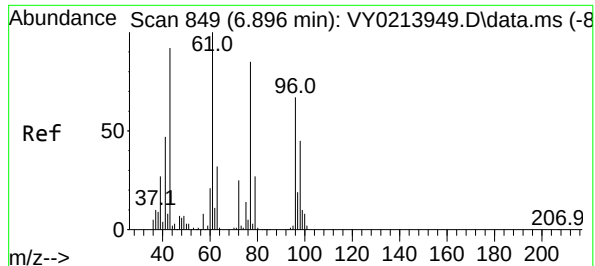
100

3.5

2.1

6.5





#25

2-Butanone

Concen: 50.121 ug/l

RT: 6.902 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 43 Resp: 3363

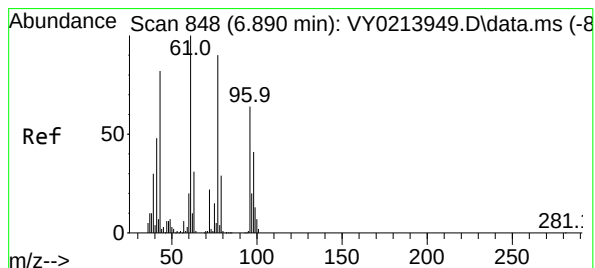
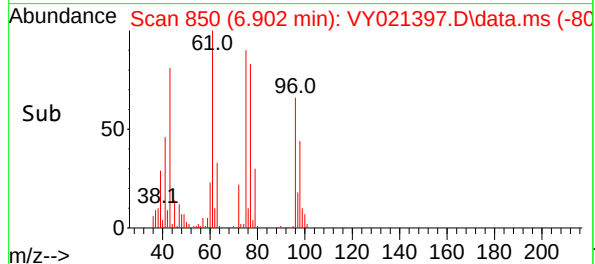
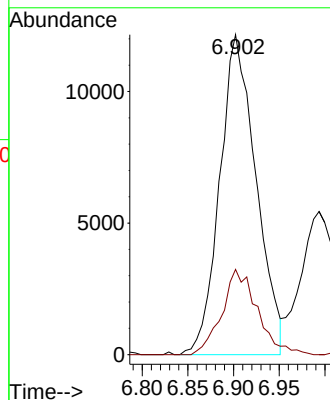
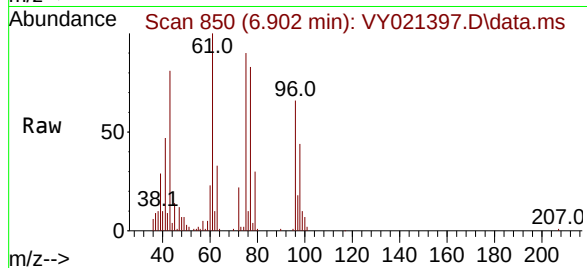
Ion Ratio Lower Upper

43 100

72 26.7 21.4 32.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#26

2,2-Dichloropropane

Concen: 10.734 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021397.D

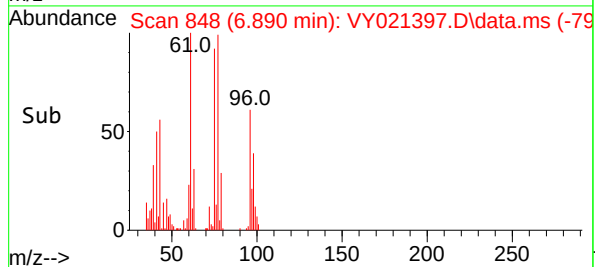
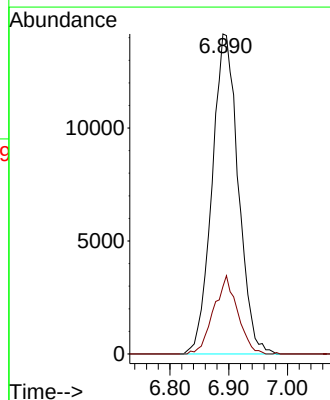
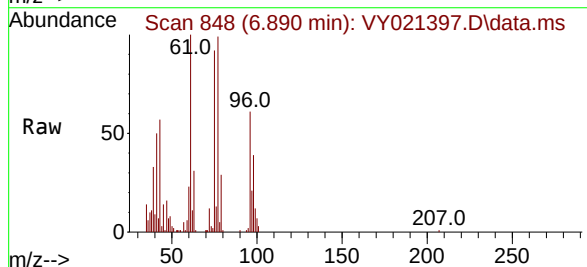
Acq: 04 Mar 2025 09:46

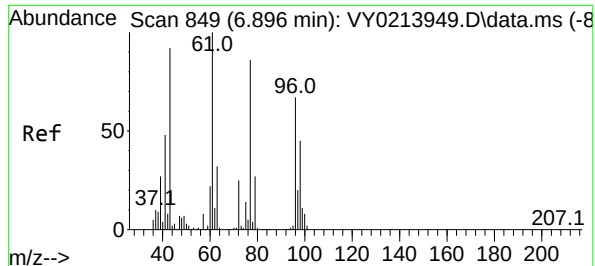
Tgt Ion: 77 Resp: 43881

Ion Ratio Lower Upper

77 100

97 22.3 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 10.330 ug/l

RT: 6.908 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

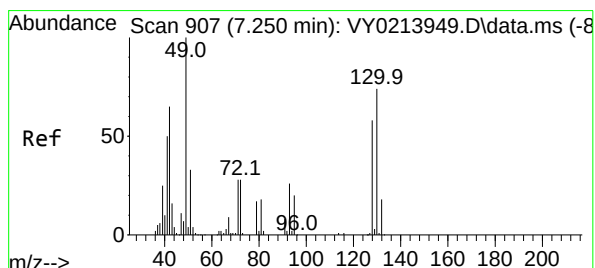
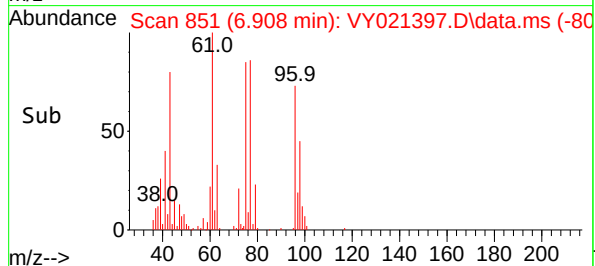
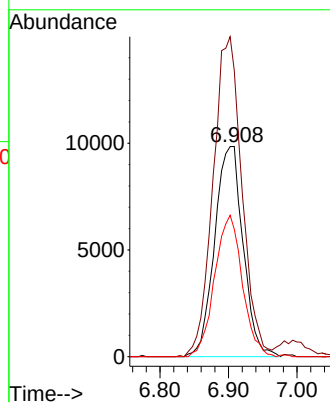
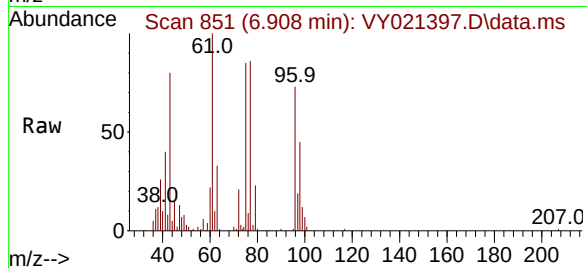
VSTDIC010

Tgt Ion: 96	Resp: 2840
Ion Ratio	Lower Upper
96 100	
61 153.9	0.0 300.8
98 65.3	0.0 130.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#28

Bromochloromethane

Concen: 10.861 ug/l

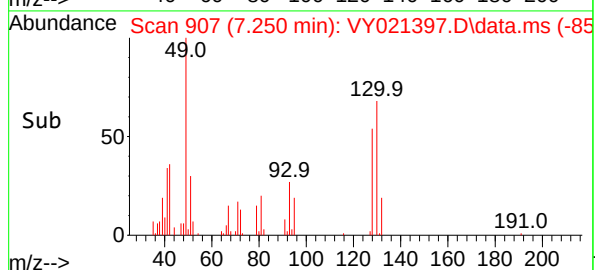
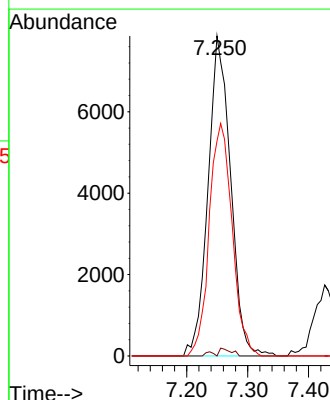
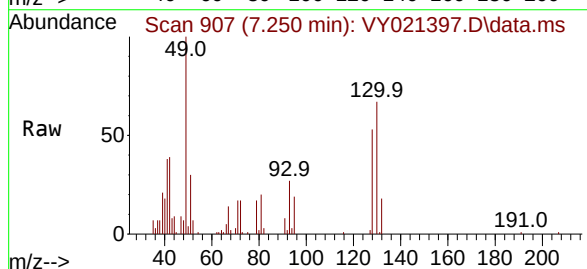
RT: 7.250 min Scan# 907

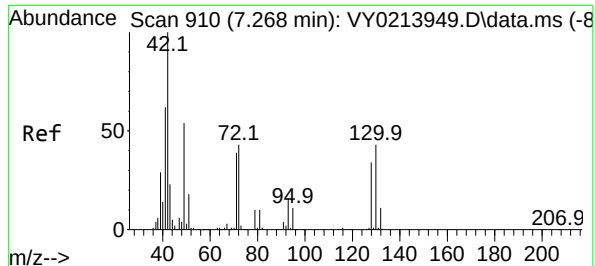
Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Tgt Ion: 49	Resp: 20230
Ion Ratio	Lower Upper
49 100	
129 1.2	0.0 4.2
130 73.8	59.6 89.4





#29

Tetrahydrofuran

Concen: 48.513 ug/l

RT: 7.274 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 42 Resp: 20090

Ion Ratio Lower Upper

42 100

72 43.0 34.8 52.2

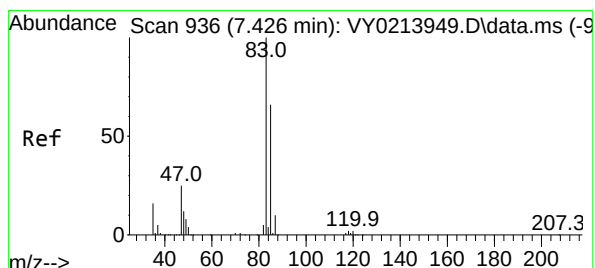
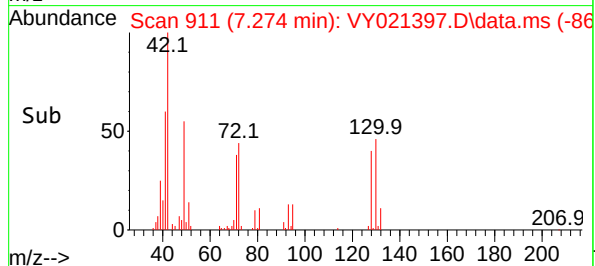
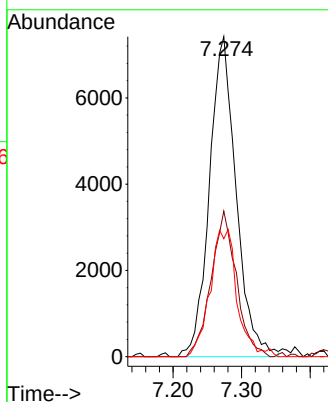
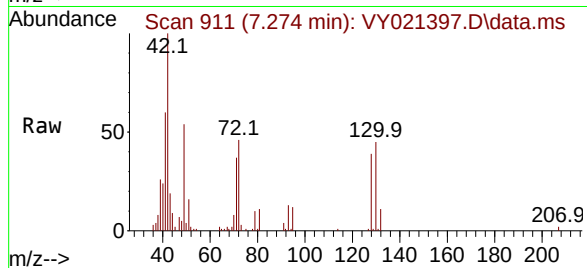
71 40.4 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#30

Chloroform

Concen: 10.773 ug/l

RT: 7.426 min Scan# 936

Delta R.T. 0.000 min

Lab File: VY021397.D

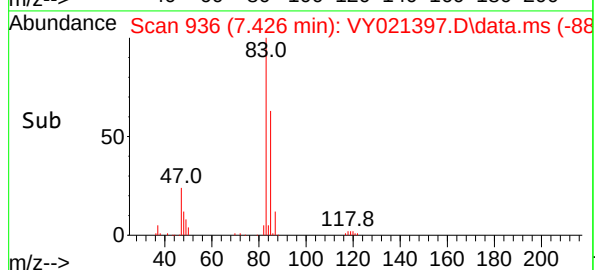
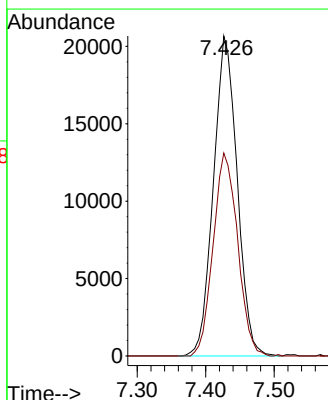
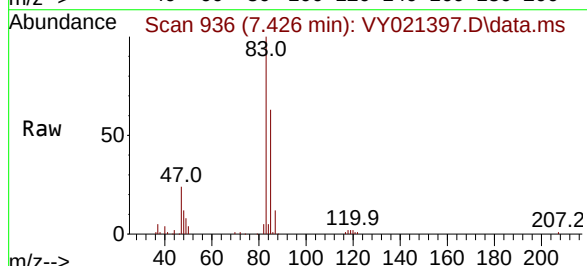
Acq: 04 Mar 2025 09:46

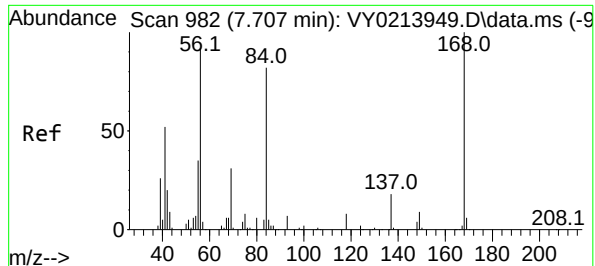
Tgt Ion: 83 Resp: 49699

Ion Ratio Lower Upper

83 100

85 63.4 53.1 79.7





#31

Cyclohexane

Concen: 10.499 ug/l

RT: 7.707 min Scan# 982

Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 56 Resp: 43729

Ion Ratio Lower Upper

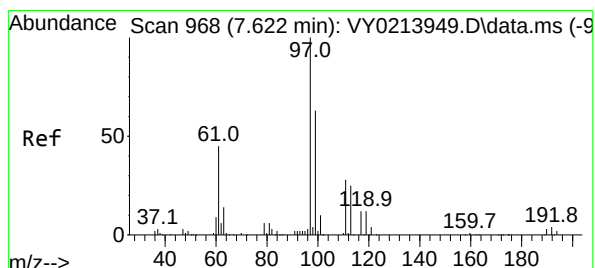
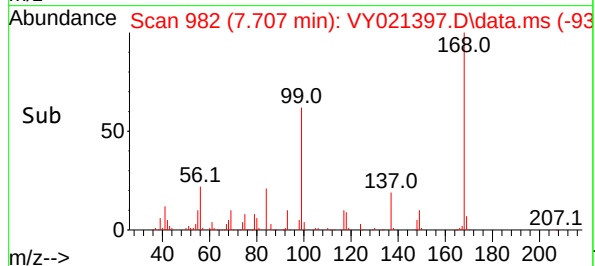
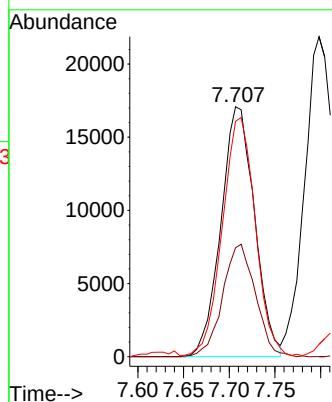
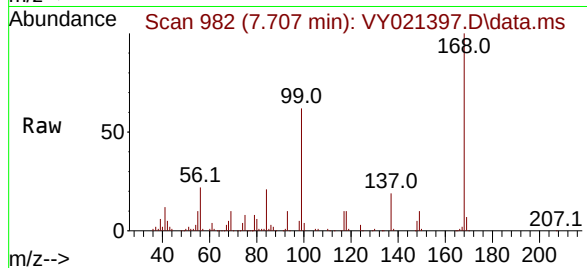
56 100

69 43.6 27.0 40.4

84 93.8 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#32

1,1,1-Trichloroethane

Concen: 10.592 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

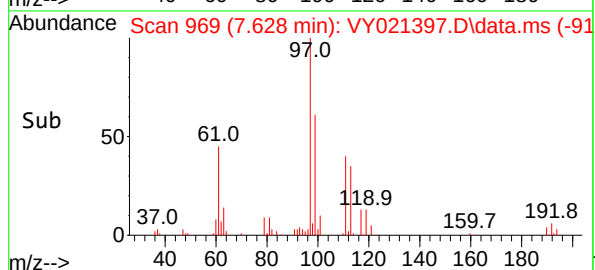
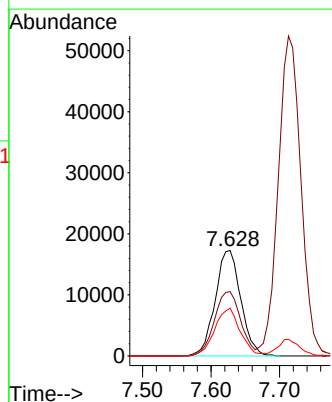
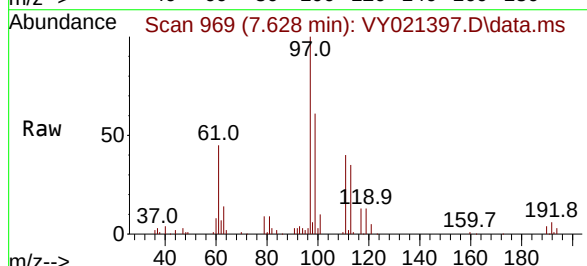
Tgt Ion: 97 Resp: 44743

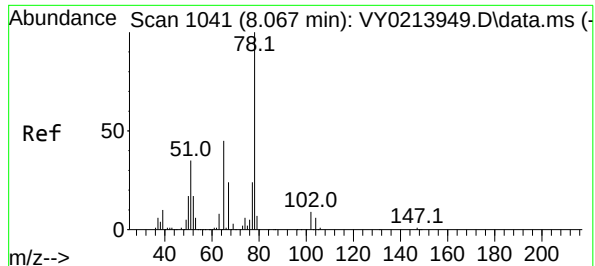
Ion Ratio Lower Upper

97 100

99 62.7 51.7 77.5

61 45.2 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 10.975 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 65 Resp: 24408

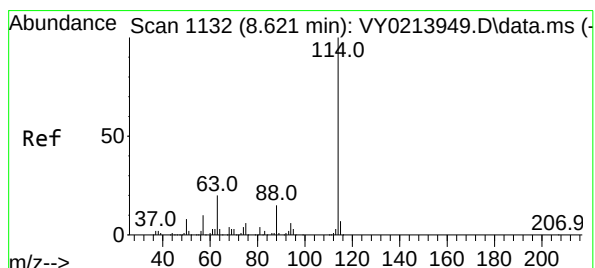
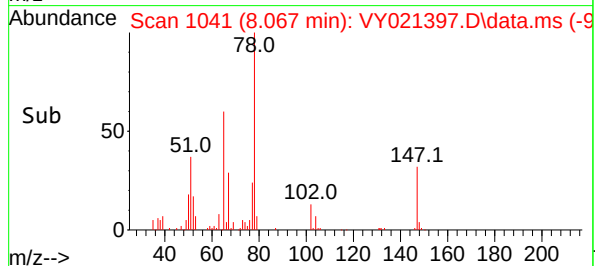
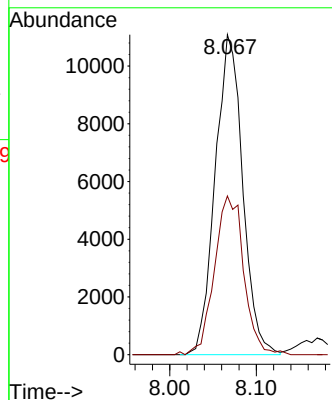
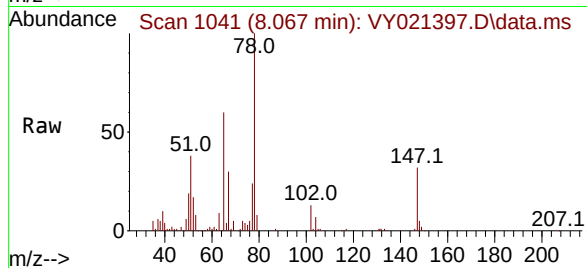
Ion Ratio Lower Upper

65 100

67 53.0 0.0 102.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.621 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

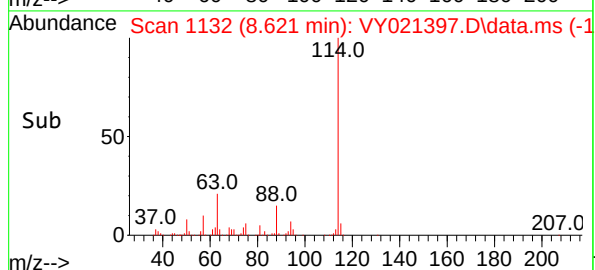
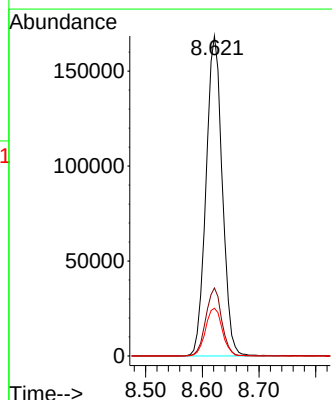
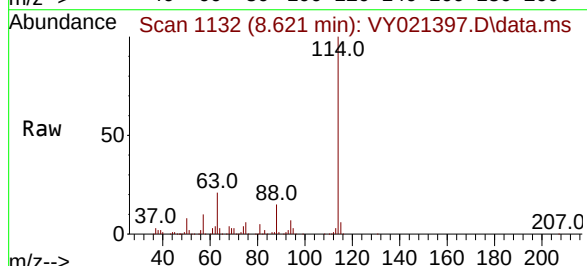
Tgt Ion:114 Resp: 334495

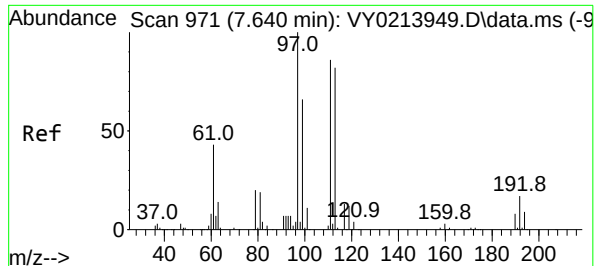
Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.8

88 14.9 0.0 30.8





#35

Dibromofluoromethane

Concen: 10.592 ug/l

RT: 7.640 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

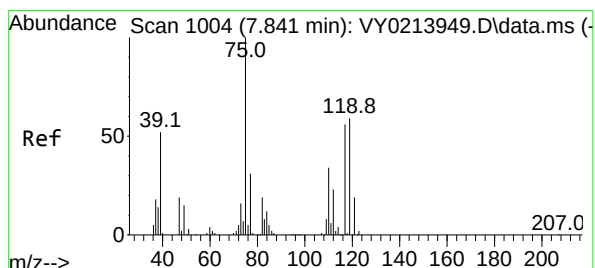
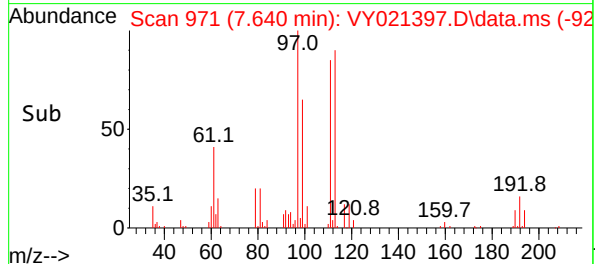
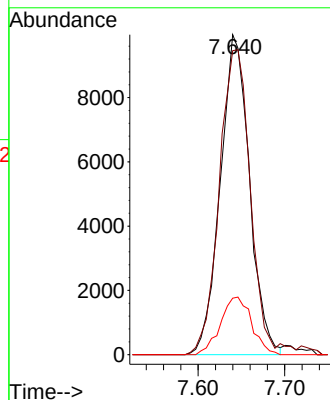
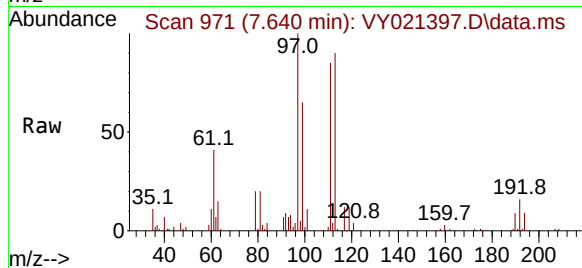
VSTDIC010

Tgt Ion:	113	Resp:	23289
Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.0	123.0
192	19.2	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#36

1,1-Dichloropropene

Concen: 10.258 ug/l

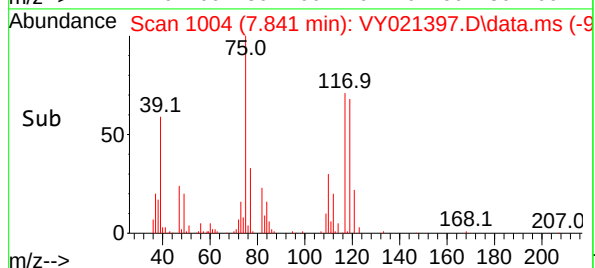
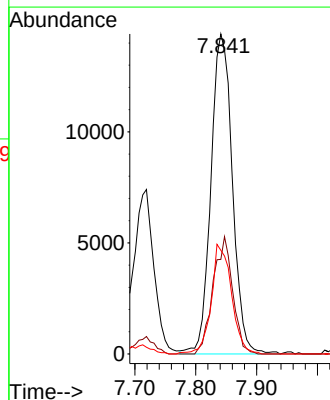
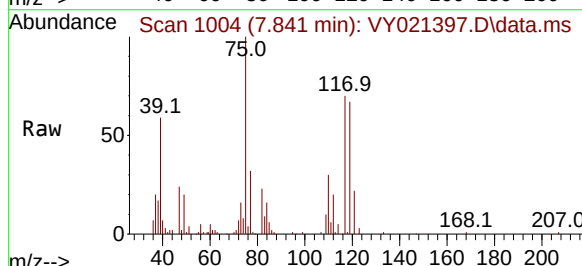
RT: 7.841 min Scan# 1004

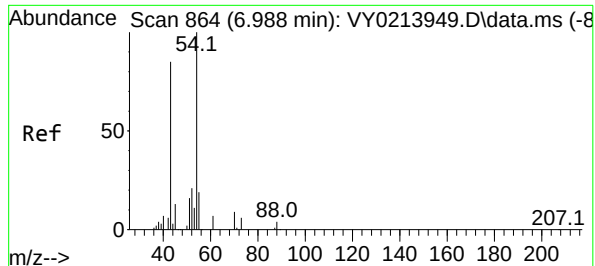
Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

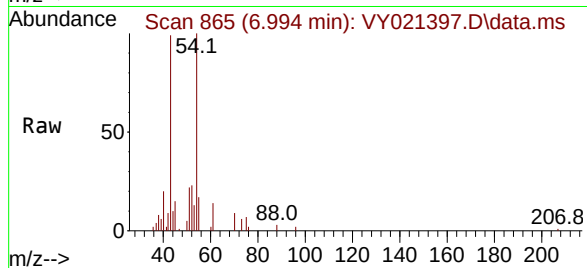
Tgt Ion:	75	Resp:	35303
Ion	Ratio	Lower	Upper
75	100		
110	33.5	17.3	51.7
77	32.3	25.4	38.2





#37
Ethyl Acetate
Concen: 9.687 ug/l
RT: 6.994 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

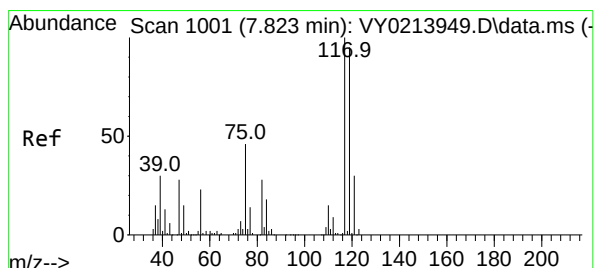
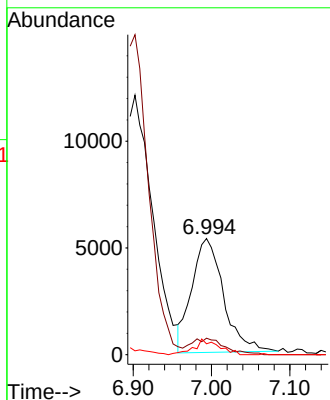
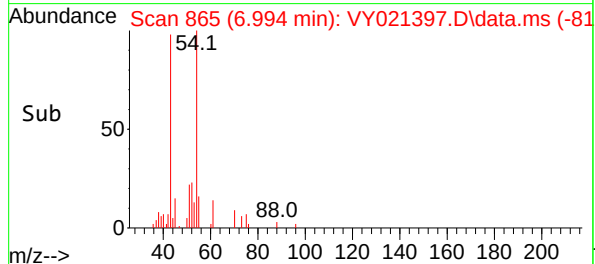
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 43 Resp: 15039
Ion Ratio Lower Upper
43 100
61 15.1 11.4 17.0
70 10.4 8.2 12.2

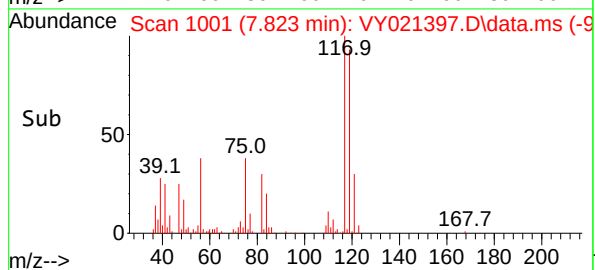
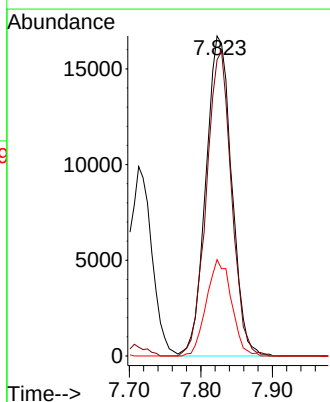
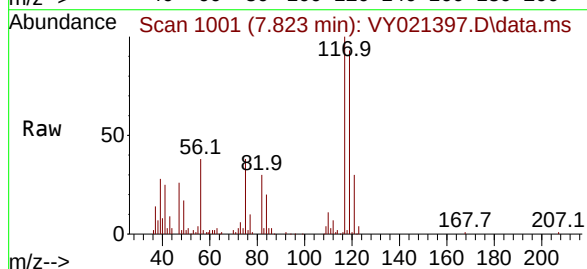
Manual Integrations
APPROVED

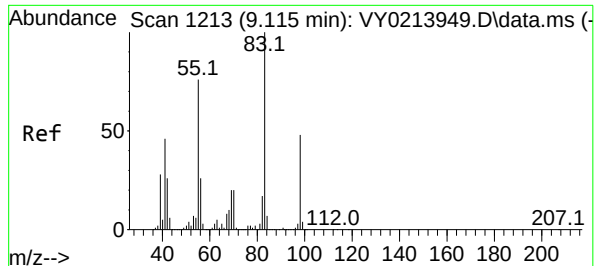
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#38
Carbon Tetrachloride
Concen: 10.591 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

Tgt Ion:117 Resp: 41920
Ion Ratio Lower Upper
117 100
119 92.6 75.8 113.8
121 30.1 23.9 35.9





#39

Methylcyclohexane

Concen: 9.434 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

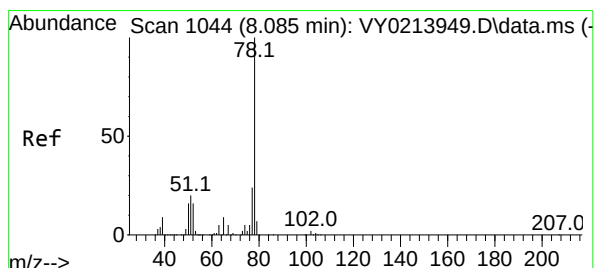
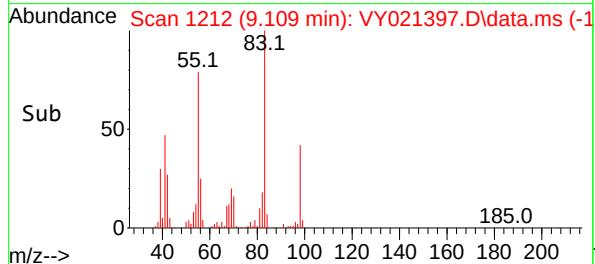
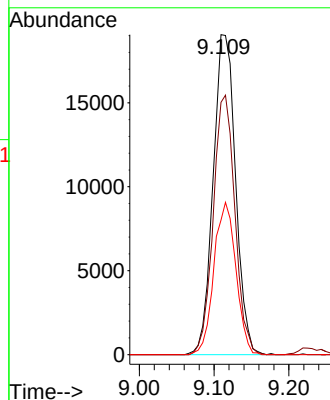
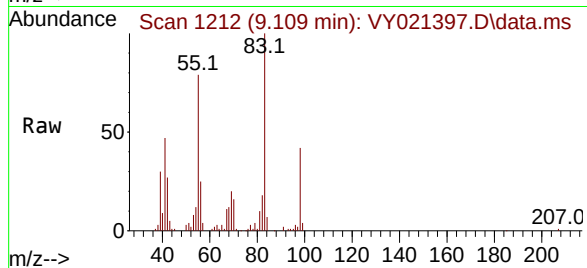
VSTDIC010

Tgt Ion:	83	Resp:	39820
Ion	Ratio	Lower	Upper
83	100		
55	78.9	60.7	91.1
98	42.0	38.6	57.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#40

Benzene

Concen: 10.253 ug/l

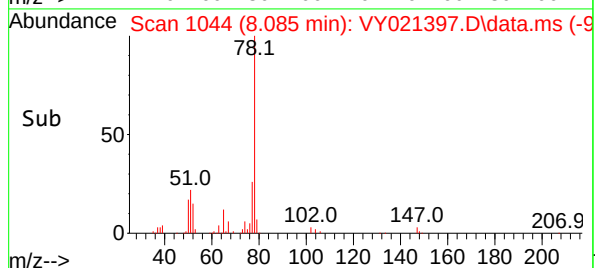
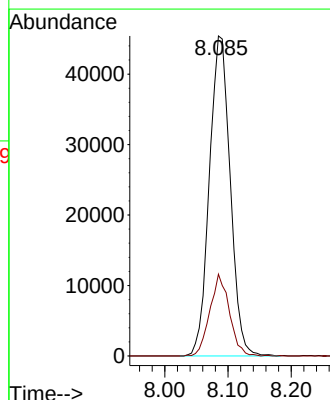
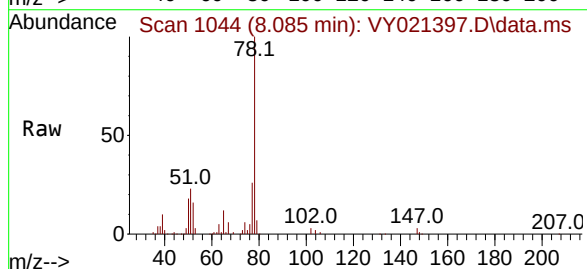
RT: 8.085 min Scan# 1044

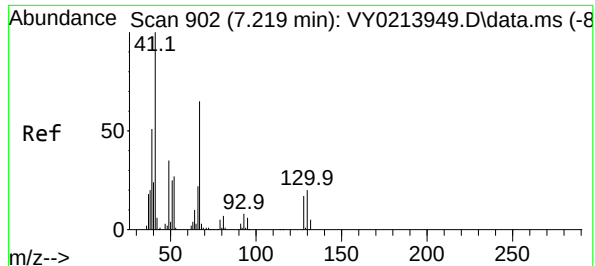
Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

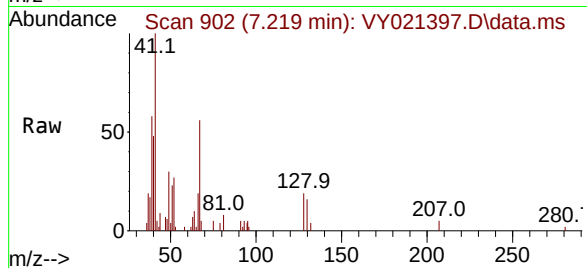
Tgt Ion:	78	Resp:	103944
Ion	Ratio	Lower	Upper
78	100		
77	25.6	19.0	28.4





#41
Methacrylonitrile
Concen: 10.472 ug/l m
RT: 7.219 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

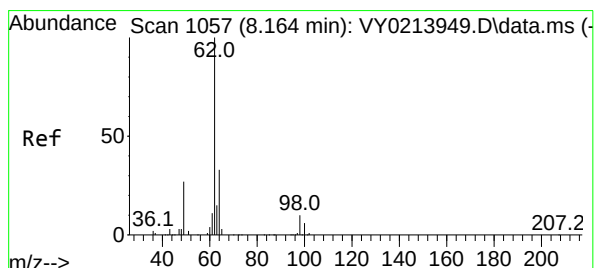
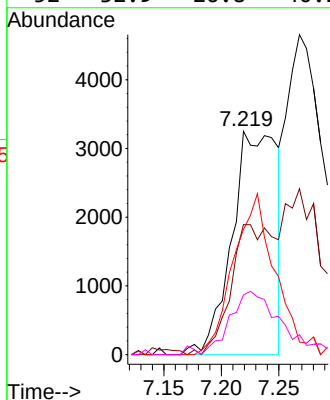
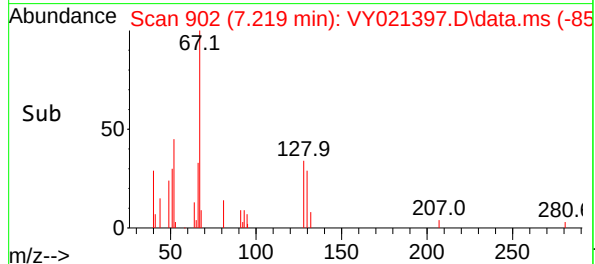
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



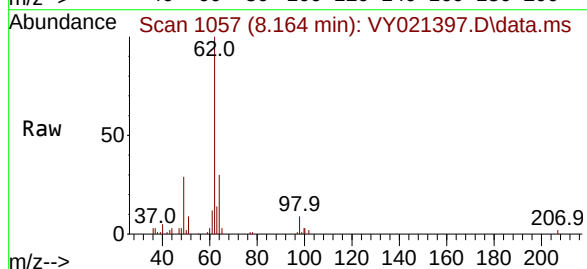
Tgt Ion: 41 Resp: 8851
Ion Ratio Lower Upper
41 100
39 50.9 35.0 52.6
67 66.7 61.2 91.8
52 32.9 26.8 40.2

Manual Integrations
APPROVED

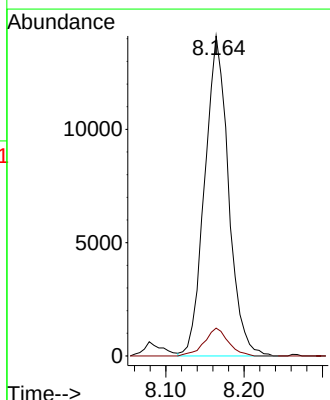
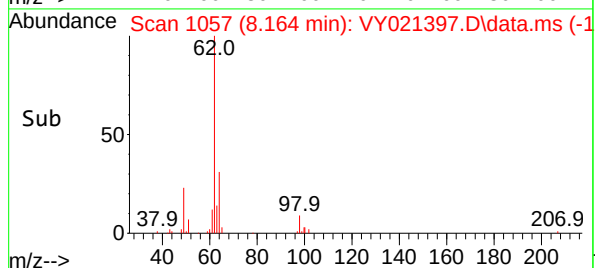
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

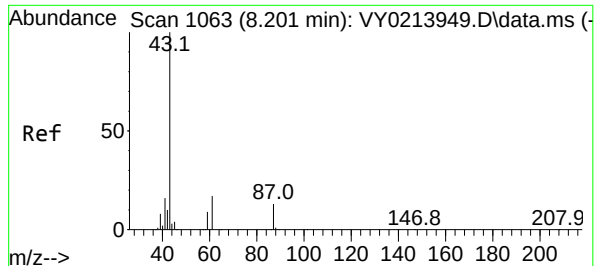


#42
1,2-Dichloroethane
Concen: 10.525 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46



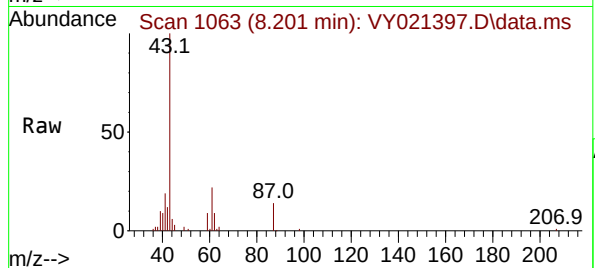
Tgt Ion: 62 Resp: 29851
Ion Ratio Lower Upper
62 100
98 8.7 0.0 18.2





#43
Isopropyl Acetate
Concen: 9.529 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

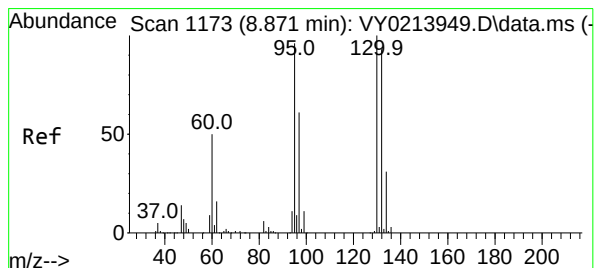
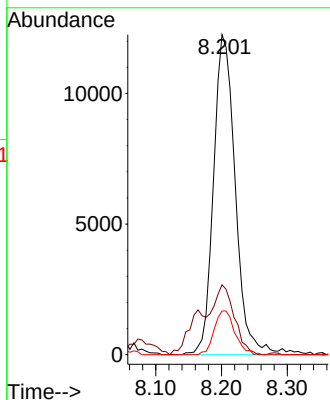
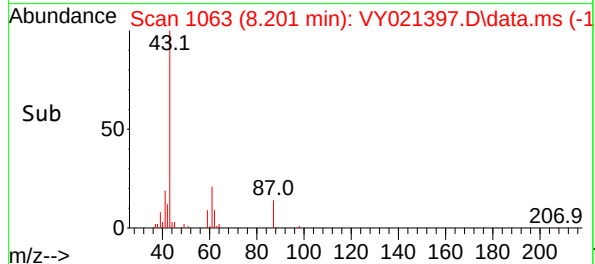
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 28138
Ion Ratio Lower Upper
43 100
61 21.6 23.4 35.0
87 13.0 10.5 15.7

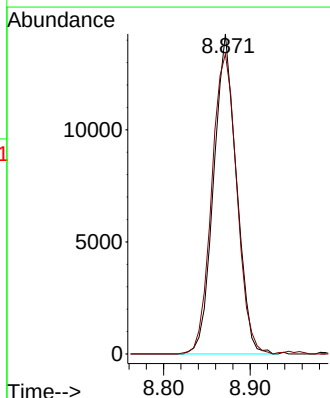
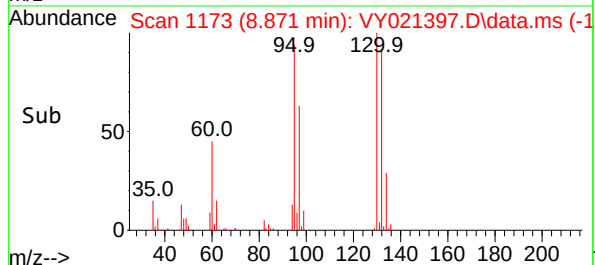
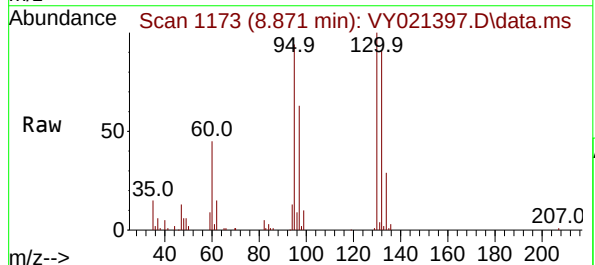
Manual Integrations
APPROVED

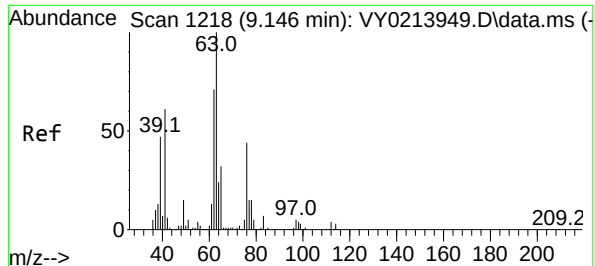
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#44
Trichloroethene
Concen: 10.179 ug/l
RT: 8.871 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

Tgt Ion:130 Resp: 26077
Ion Ratio Lower Upper
130 100
95 93.8 0.0 191.6





#45

1,2-Dichloropropane

Concen: 10.294 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 63 Resp: 24839

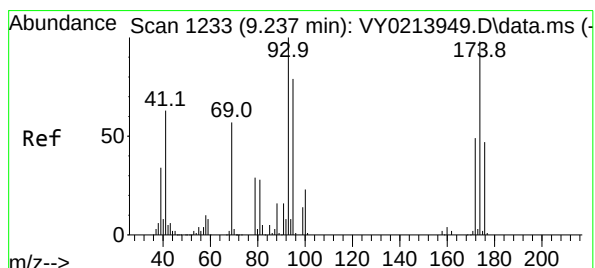
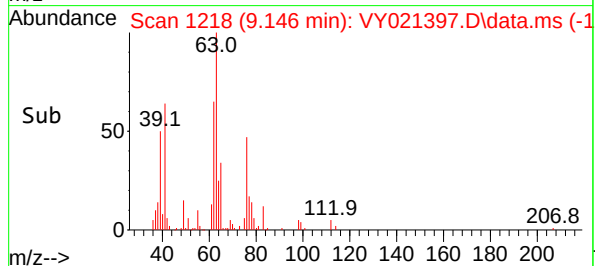
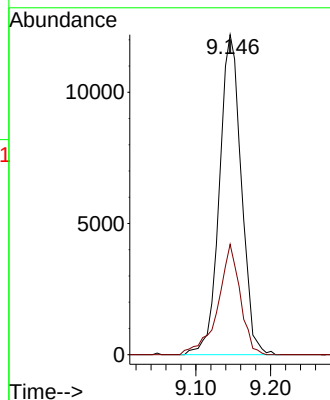
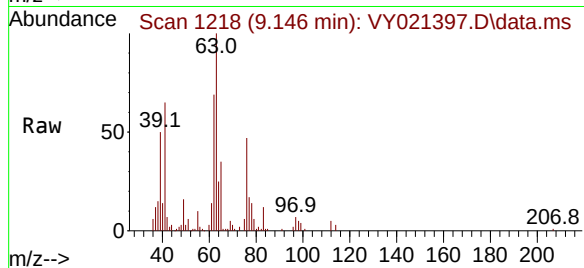
Ion Ratio Lower Upper

63 100

65 34.5 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#46

Dibromomethane

Concen: 10.081 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

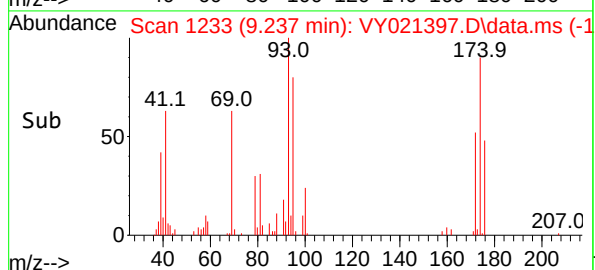
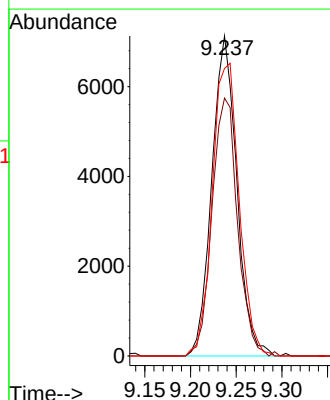
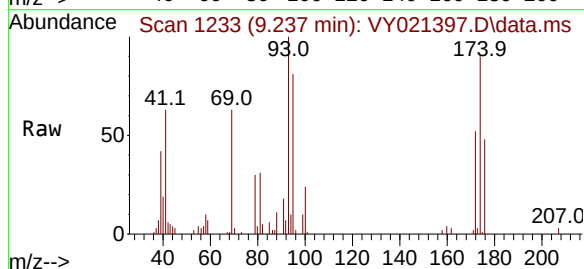
Tgt Ion: 93 Resp: 13535

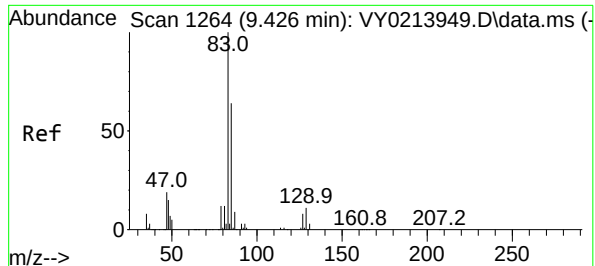
Ion Ratio Lower Upper

93 100

95 82.6 65.8 98.8

174 98.3 77.9 116.9





#47

Bromodichloromethane

Concen: 10.315 ug/l

RT: 9.426 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

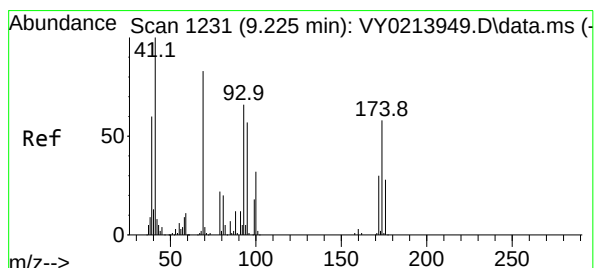
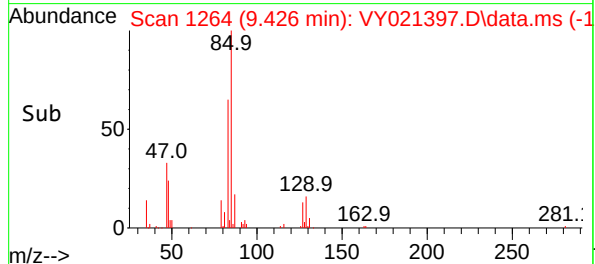
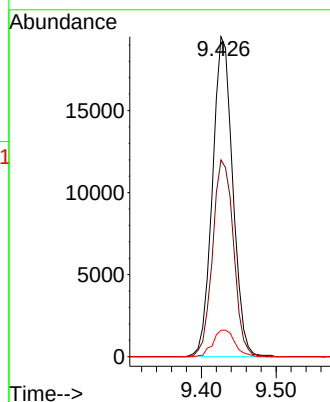
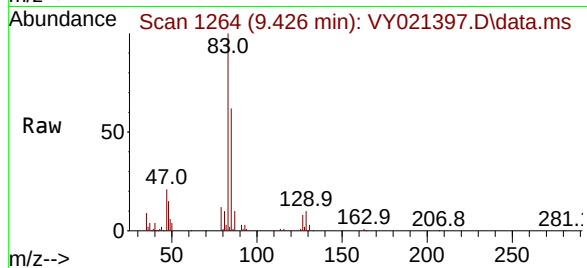
VSTDIC010

Tgt Ion:	83	Resp:	3677
Ion	Ratio	Lower	Upper
83	100		
85	61.5	51.1	76.7
127	8.3	6.7	10.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#48

Methyl methacrylate

Concen: 8.937 ug/l

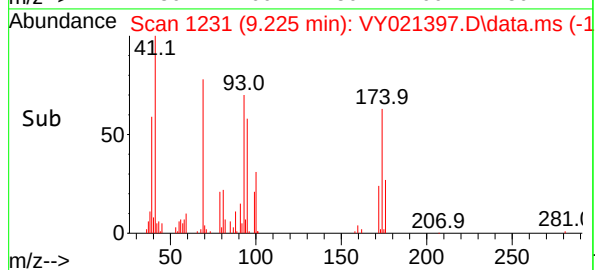
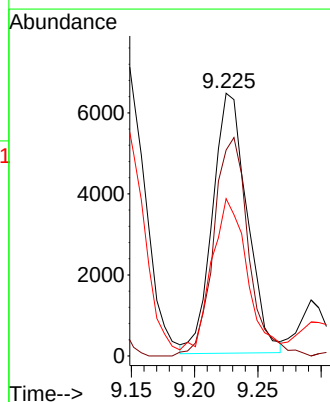
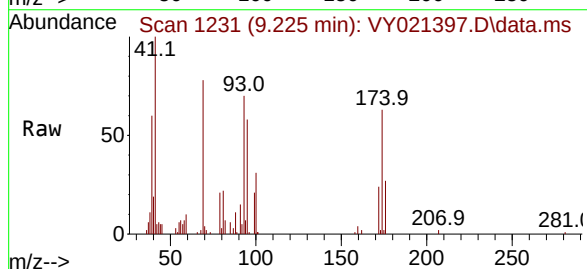
RT: 9.225 min Scan# 1231

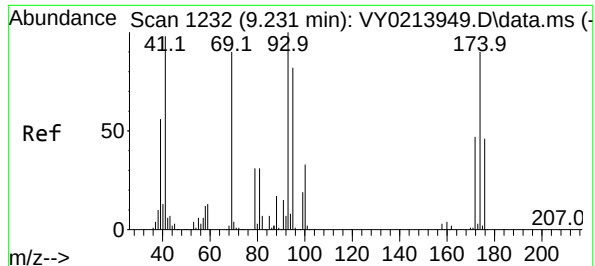
Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Tgt Ion:	41	Resp:	12236
Ion	Ratio	Lower	Upper
41	100		
69	84.4	67.8	101.8
39	58.8	46.4	69.6





#49

1,4-Dioxane

Concen: 177.344 ug/l

RT: 9.249 min Scan# 1235

Delta R.T. 0.018 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 88 Resp: 233

Ion Ratio Lower Upper

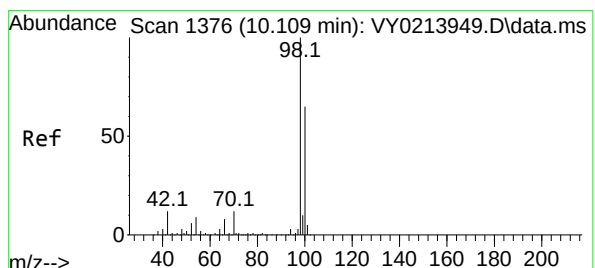
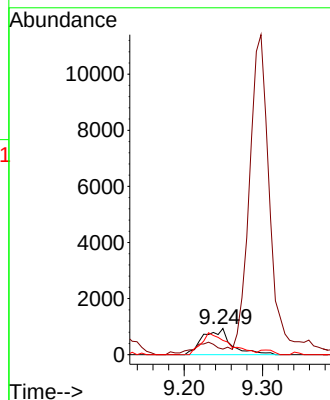
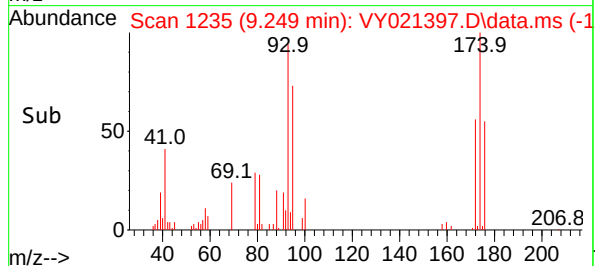
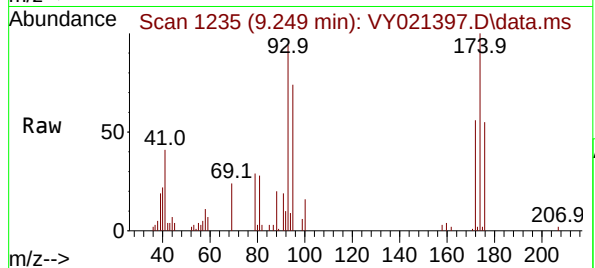
88 100

43 42.8 25.0 37.4

58 81.1 58.4 87.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#50

Toluene-d8

Concen: 10.256 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021397.D

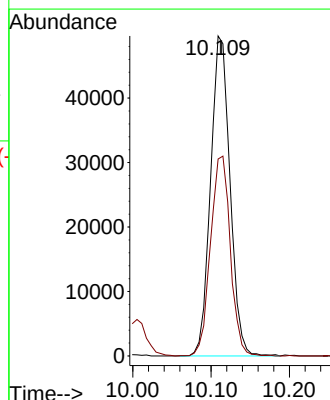
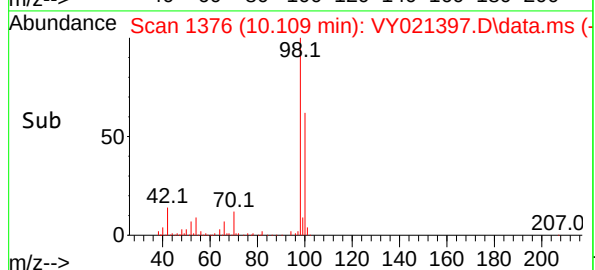
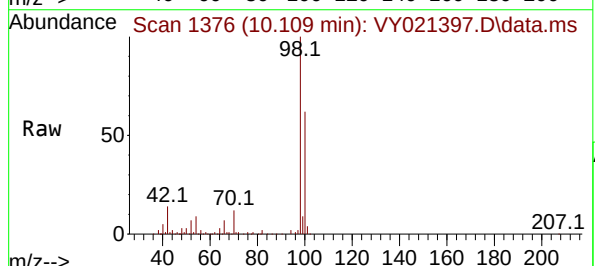
Acq: 04 Mar 2025 09:46

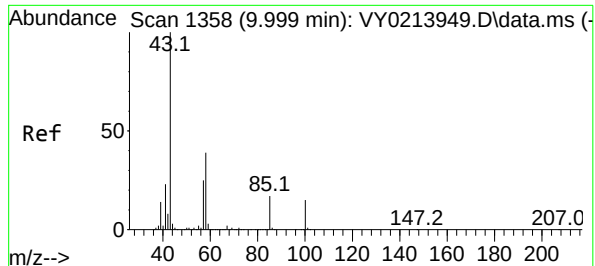
Tgt Ion: 98 Resp: 85383

Ion Ratio Lower Upper

98 100

100 63.9 52.1 78.1





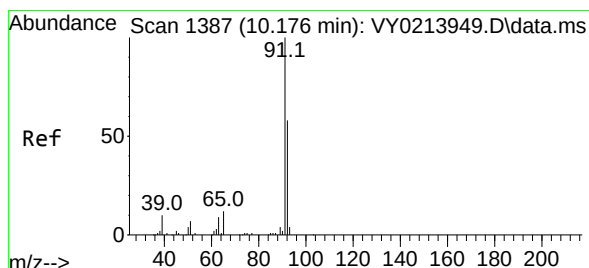
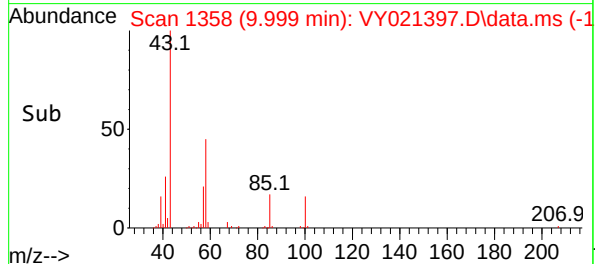
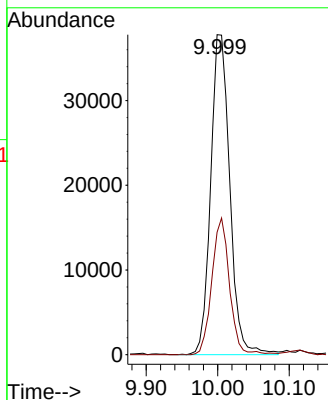
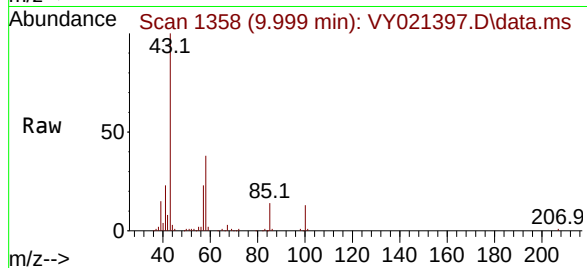
#51
4-Methyl-2-Pentanone
Concen: 46.097 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 70235
Ion Ratio Lower Upper
43 100
58 39.4 31.4 47.2

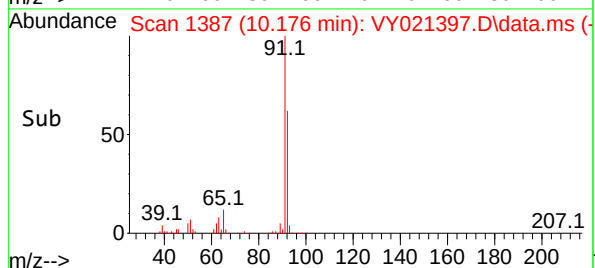
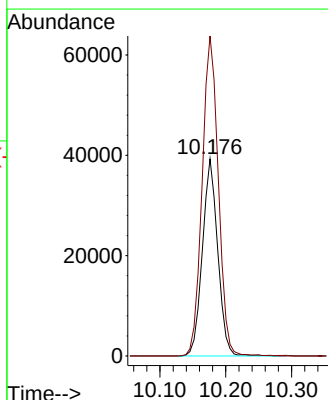
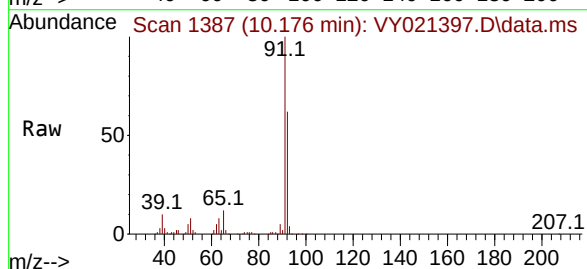
Manual Integrations
APPROVED

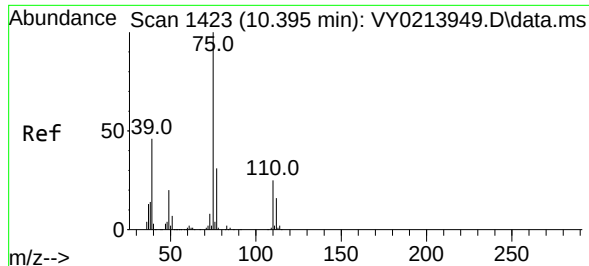
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#52
Toluene
Concen: 9.968 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

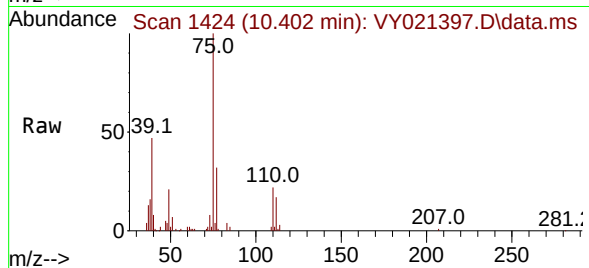
Tgt Ion: 92 Resp: 63716
Ion Ratio Lower Upper
92 100
91 171.3 138.2 207.2





#53
t-1,3-Dichloropropene
Concen: 9.528 ug/l
RT: 10.402 min Scan# 1424
Delta R.T. 0.006 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

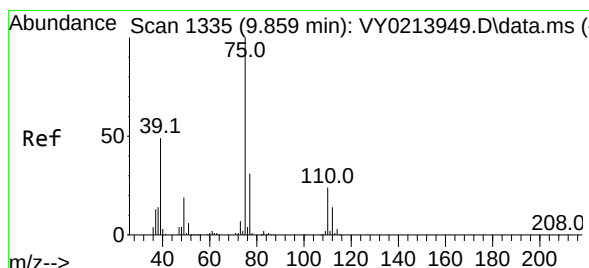
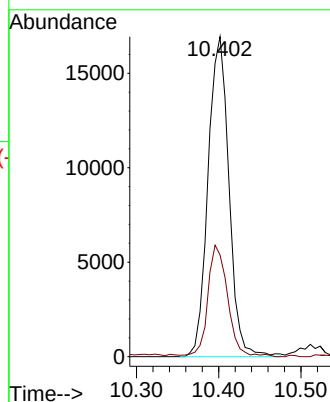
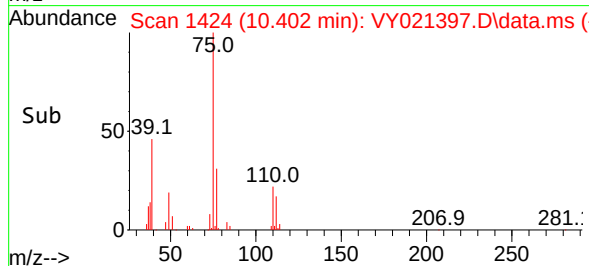
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 75 Resp: 29928
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.6

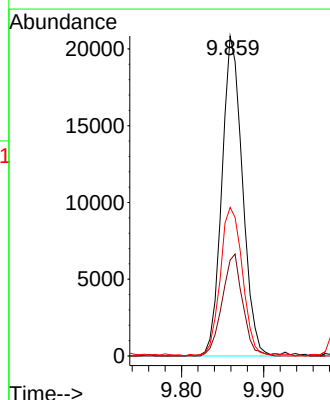
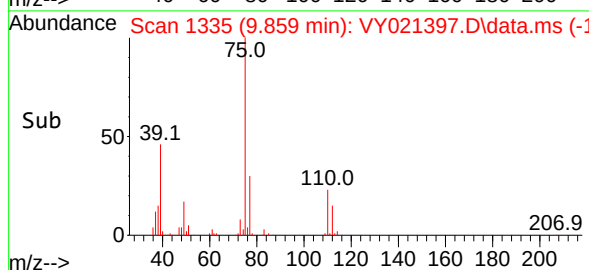
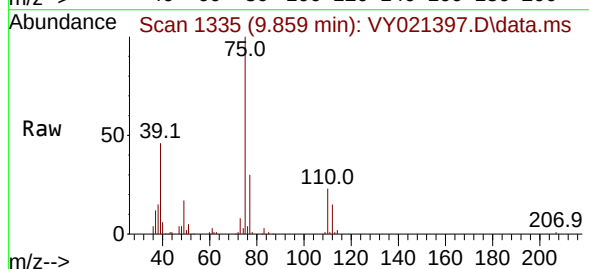
Manual Integrations
APPROVED

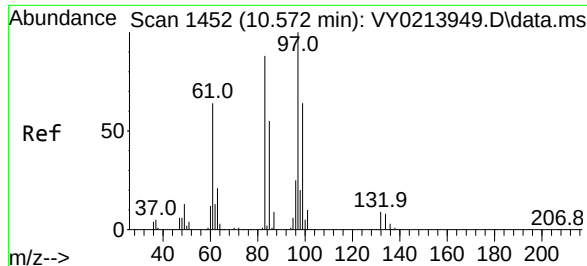
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#54
cis-1,3-Dichloropropene
Concen: 9.756 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

Tgt Ion: 75 Resp: 36383
Ion Ratio Lower Upper
75 100
77 30.0 24.6 37.0
39 46.0 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 10.069 ug/l

RT: 10.578 min Scan# 1452

Delta R.T. 0.006 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 97 Resp: 1768

Ion Ratio Lower Upper

97 100

83 89.6 70.0 105.0

85 58.1 44.3 66.5

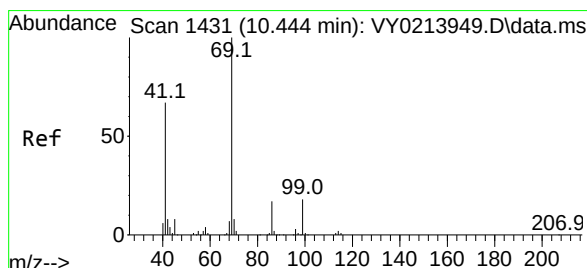
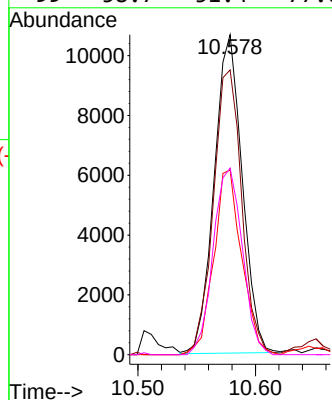
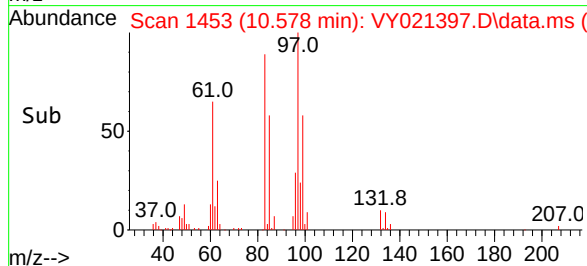
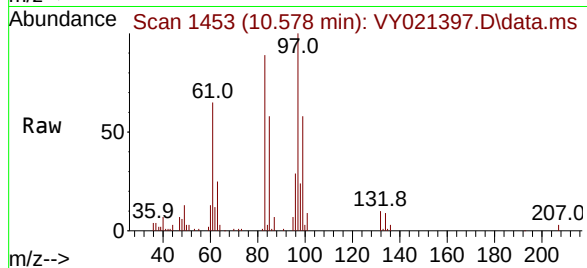
99 58.7 51.4 77.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#56

Ethyl methacrylate

Concen: 8.757 ug/l

RT: 10.444 min Scan# 1431

Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

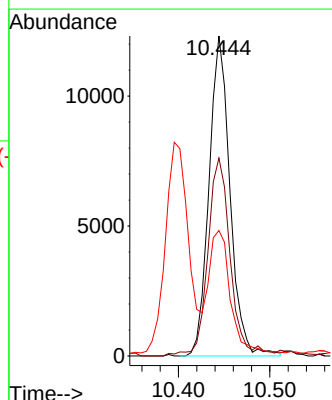
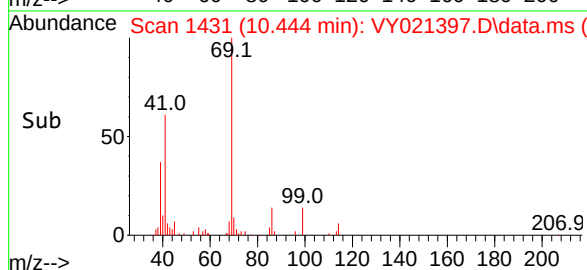
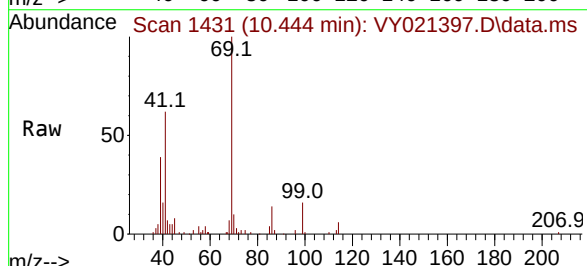
Tgt Ion: 69 Resp: 19614

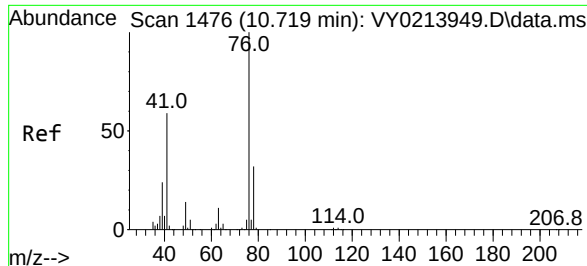
Ion Ratio Lower Upper

69 100

41 66.0 53.3 79.9

39 39.0 31.0 46.6





#57

1,3-Dichloropropane

Concen: 10.151 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 76 Resp: 3089

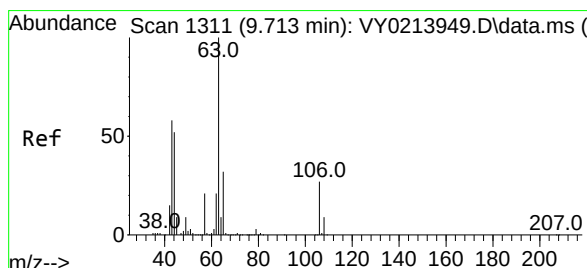
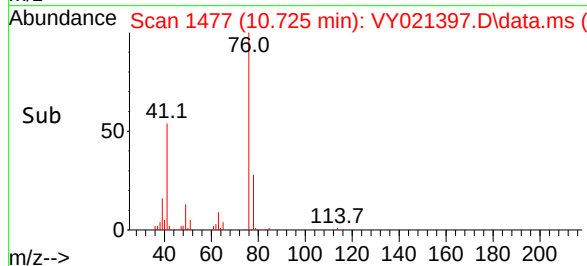
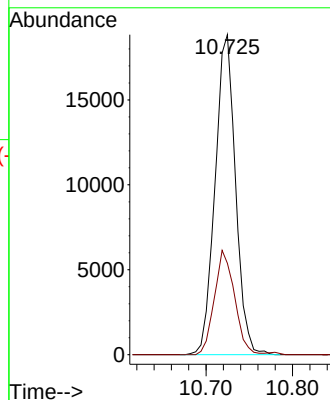
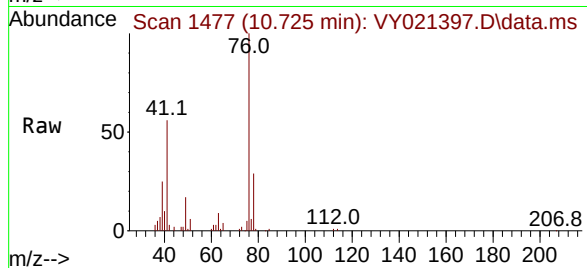
Ion Ratio Lower Upper

76 100

78 32.1 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#58

2-Chloroethyl Vinyl ether

Concen: 43.615 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY021397.D

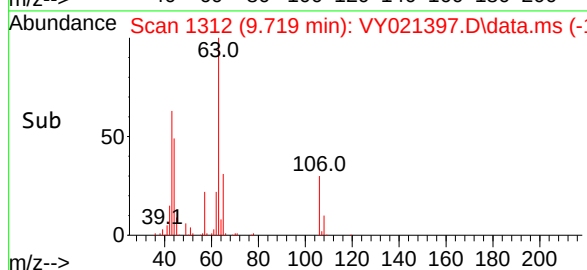
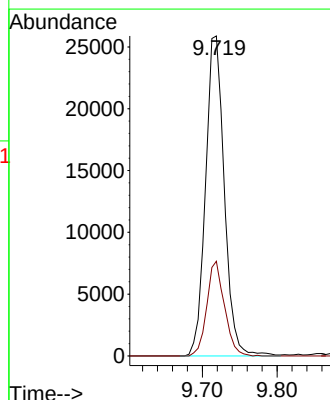
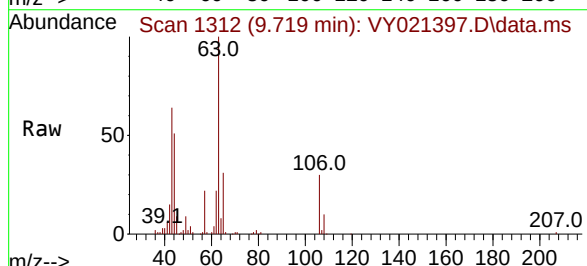
Acq: 04 Mar 2025 09:46

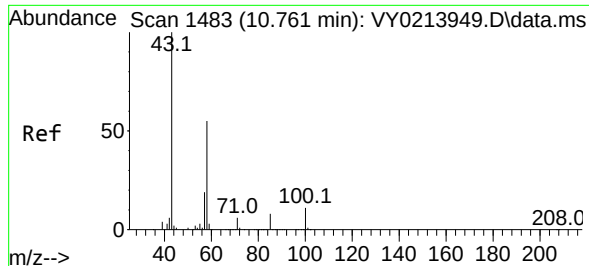
Tgt Ion: 63 Resp: 45096

Ion Ratio Lower Upper

63 100

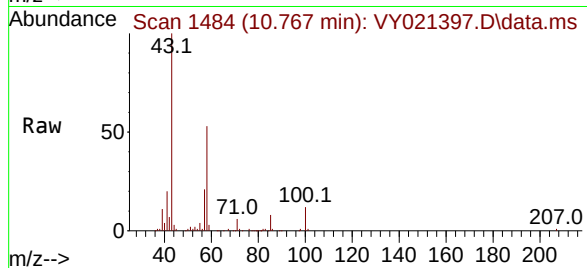
106 27.8 22.1 33.1





#59
2-Hexanone
Concen: 44.876 ug/l
RT: 10.767 min Scan# 1484
Delta R.T. 0.006 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

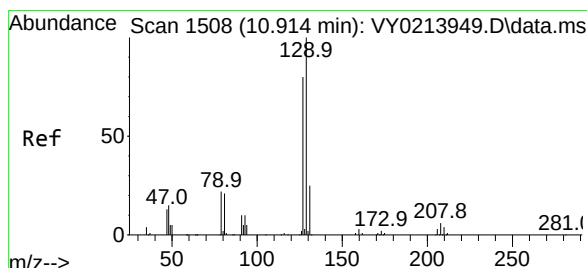
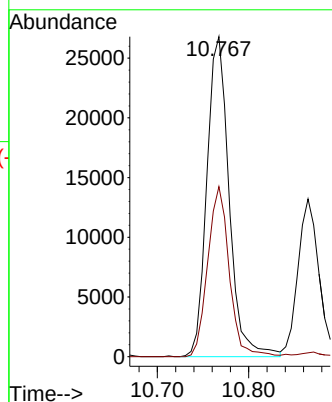
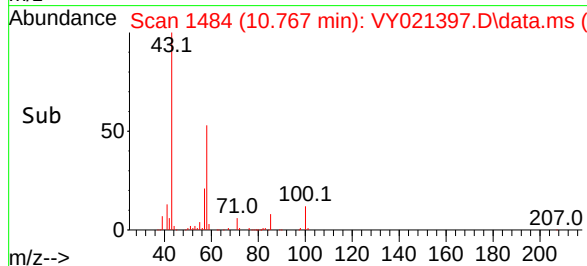
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 4521
Ion Ratio Lower Upper
43 100
58 51.4 27.3 81.8

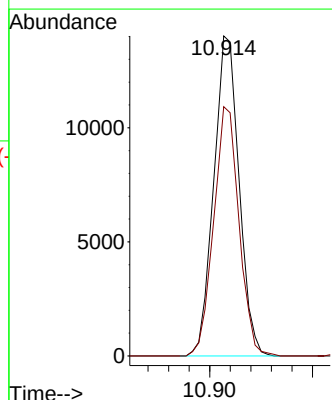
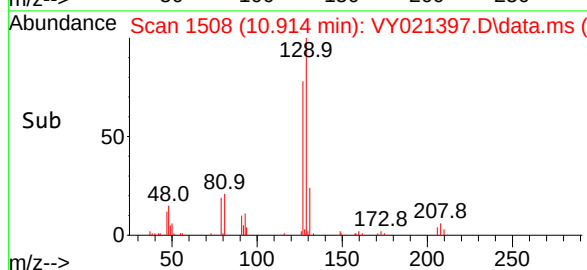
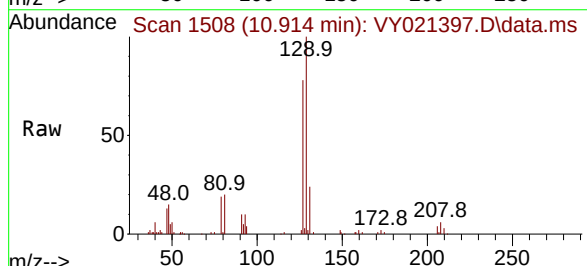
Manual Integrations
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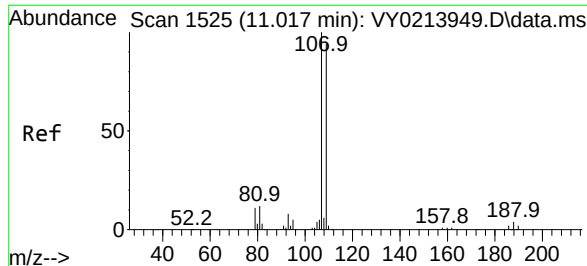
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#60
Dibromochloromethane
Concen: 9.936 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

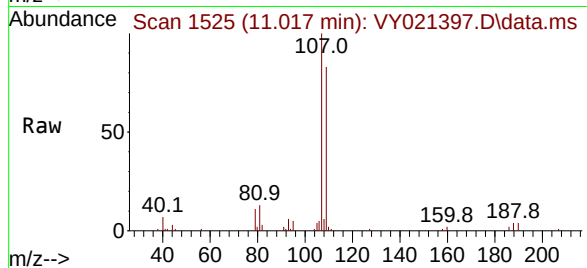
Tgt Ion:129 Resp: 23922
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.3





#61
1,2-Dibromoethane
Concen: 9.938 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

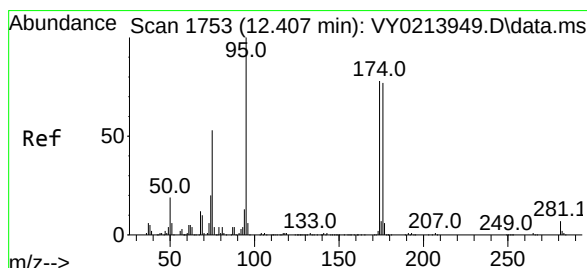
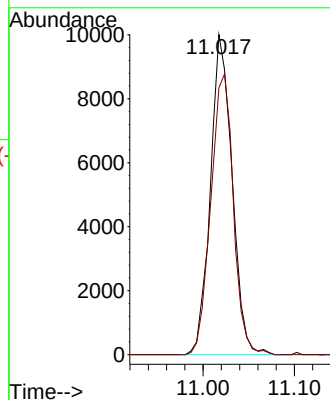
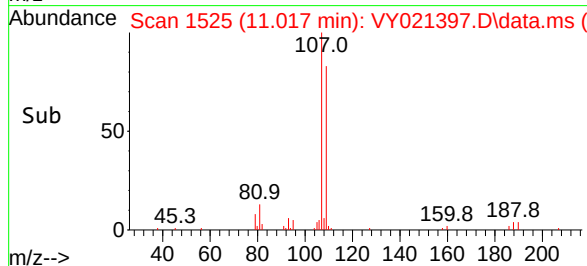
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 107 Resp: 16472
Ion Ratio Lower Upper
107 100
109 91.1 75.8 113.8

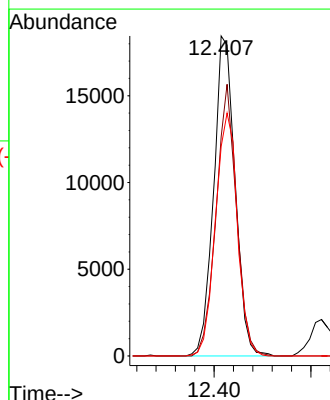
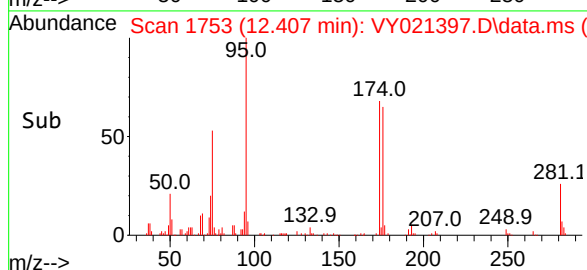
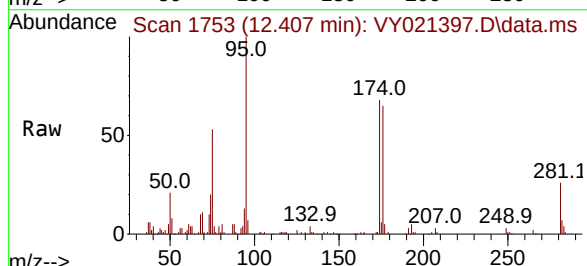
Manual Integrations
APPROVED

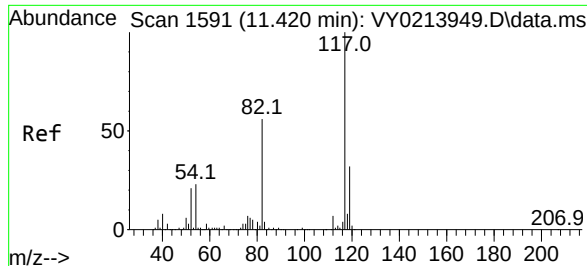
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#62
4-Bromofluorobenzene
Concen: 10.022 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

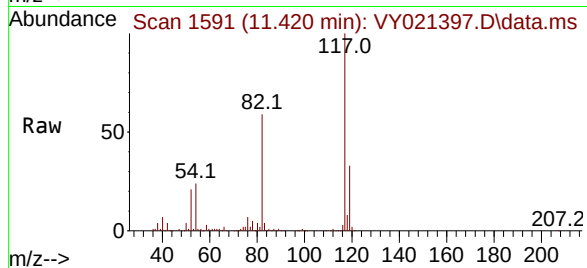
Tgt Ion: 95 Resp: 28379
Ion Ratio Lower Upper
95 100
174 80.7 0.0 165.0
176 77.7 0.0 160.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

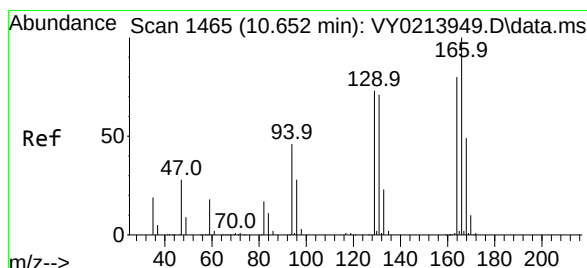
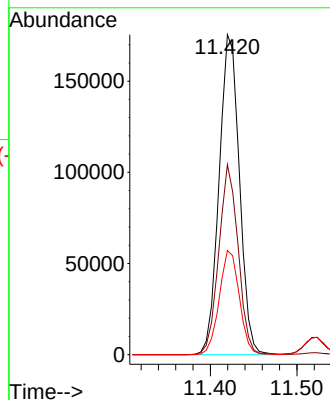
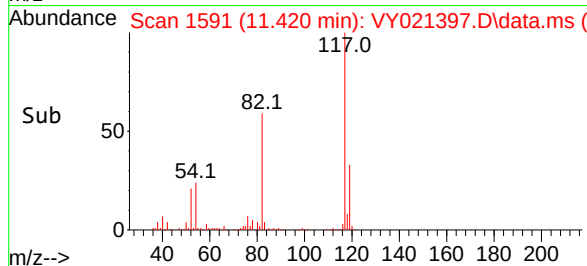
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion:117 Resp: 286225
Ion Ratio Lower Upper
117 100
82 59.4 44.6 67.0
119 32.6 25.4 38.0

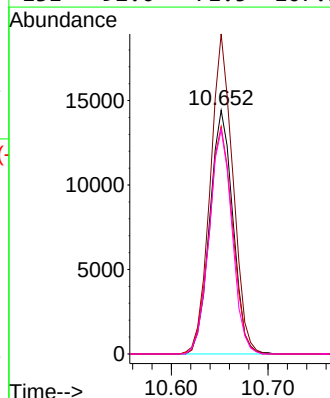
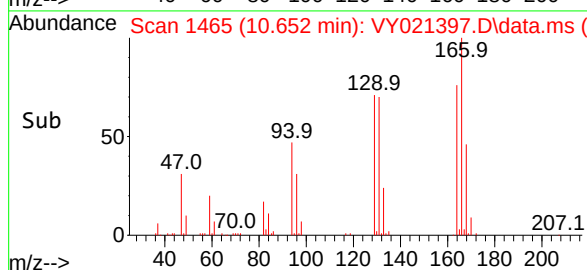
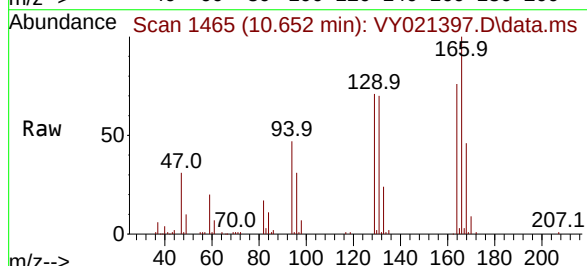
Manual Integrations
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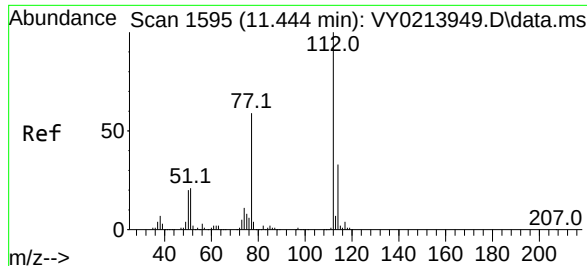
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#64
Tetrachloroethene
Concen: 10.289 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

Tgt Ion:164 Resp: 23948
Ion Ratio Lower Upper
164 100
166 131.3 100.4 150.6
129 93.3 73.8 110.8
131 92.0 71.5 107.3





#65

Chlorobenzene

Concen: 10.110 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion:112 Resp: 6833

Ion Ratio Lower Upper

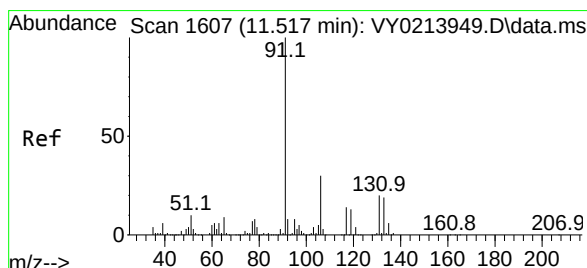
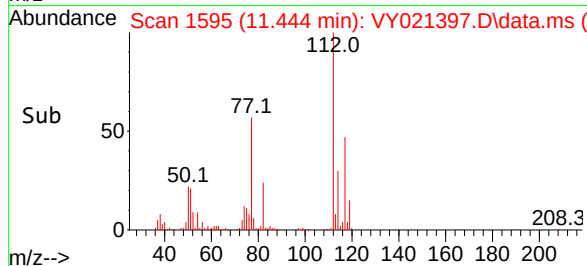
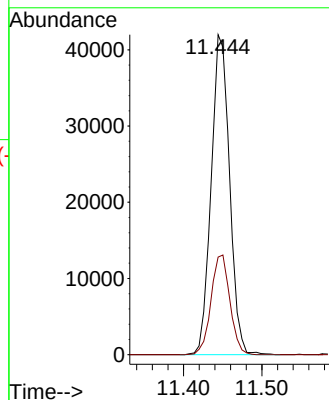
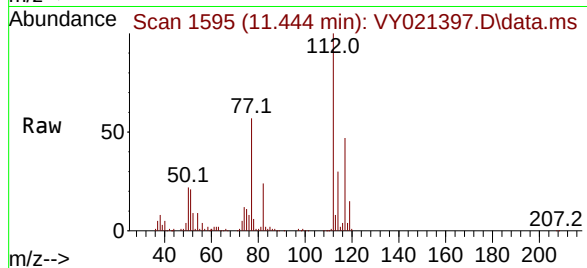
112 100

114 30.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#66

1,1,1,2-Tetrachloroethane

Concen: 10.065 ug/l

RT: 11.523 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

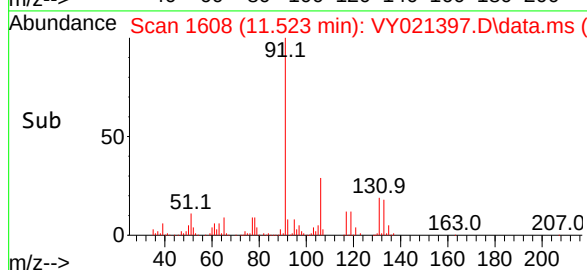
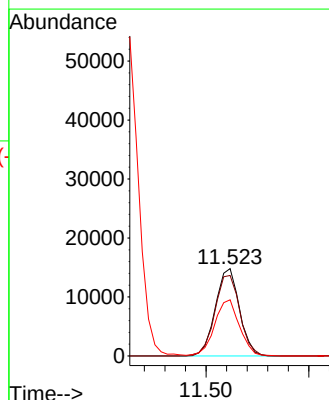
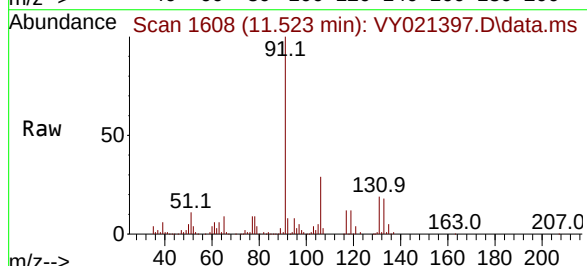
Tgt Ion:131 Resp: 24052

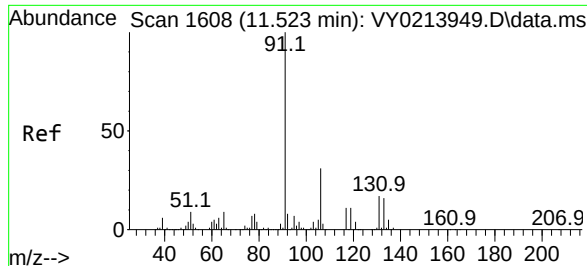
Ion Ratio Lower Upper

131 100

133 95.6 47.6 142.9

119 66.7 32.3 96.9





#67

Ethyl Benzene

Concen: 9.676 ug/l

RT: 11.523 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 91 Resp: 11479

Ion Ratio Lower Upper

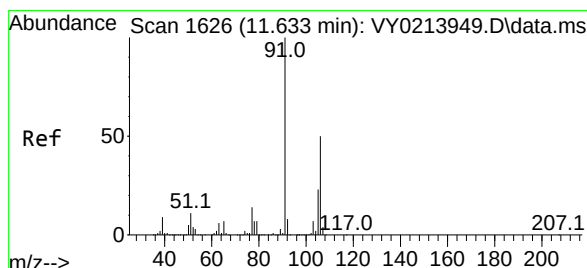
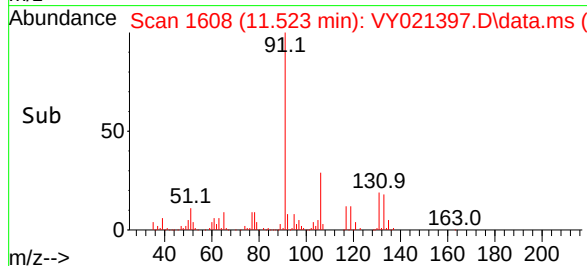
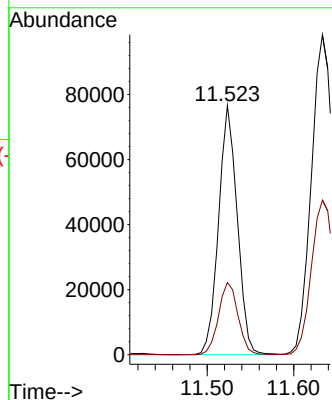
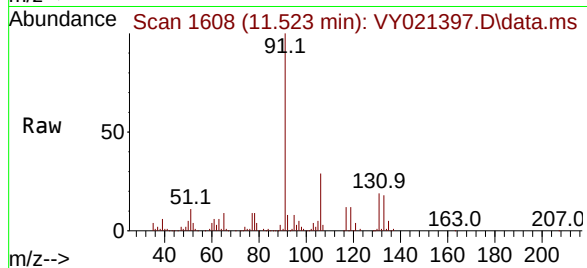
91 100

106 28.9 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#68

m/p-Xylenes

Concen: 19.346 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY021397.D

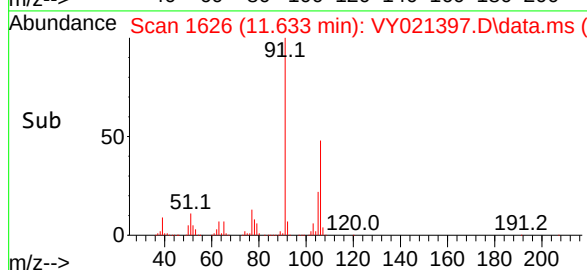
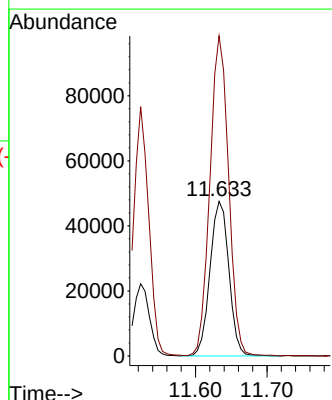
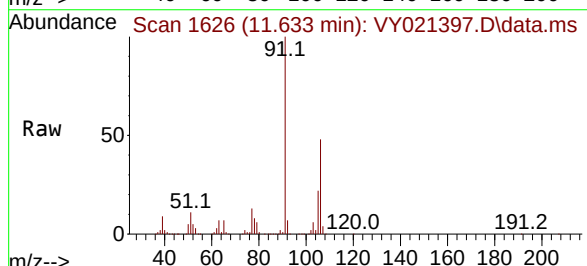
Acq: 04 Mar 2025 09:46

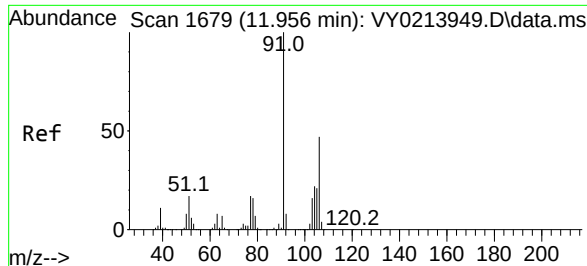
Tgt Ion:106 Resp: 87134

Ion Ratio Lower Upper

106 100

91 205.2 161.7 242.5





#69

o-Xylene

Concen: 9.655 ug/l

RT: 11.956 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion:106 Resp: 40080

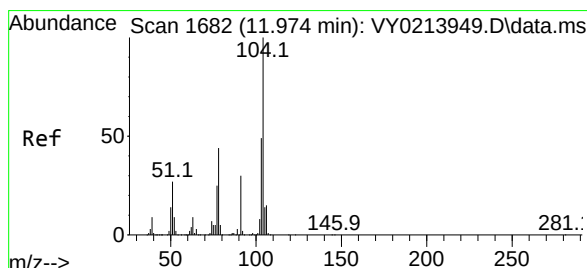
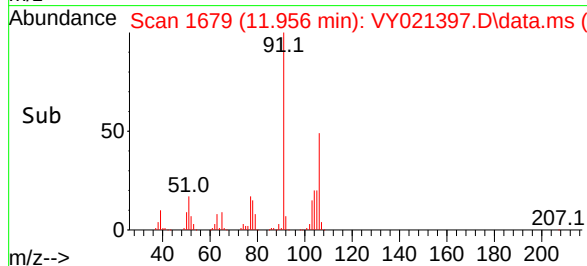
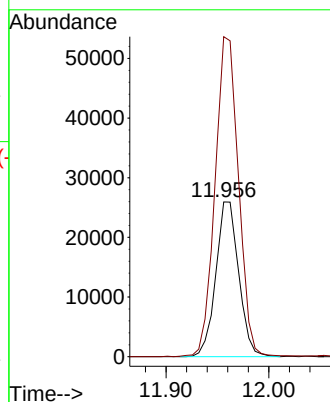
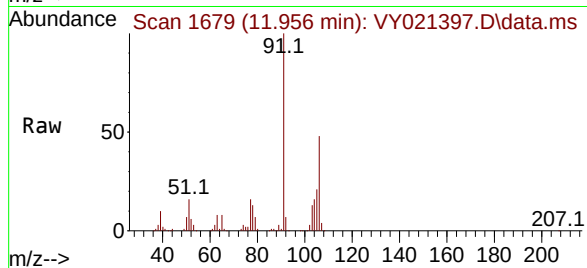
Ion Ratio Lower Upper

106 100

91 212.6 107.6 322.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#70

Styrene

Concen: 9.416 ug/l

RT: 11.974 min Scan# 1682

Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

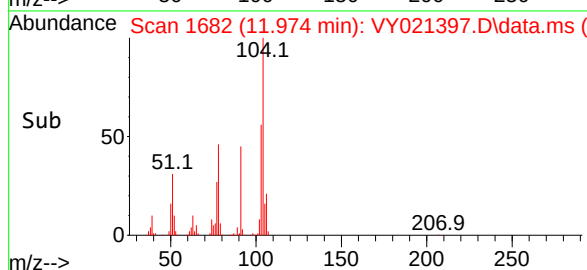
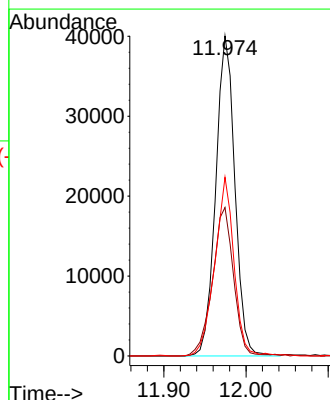
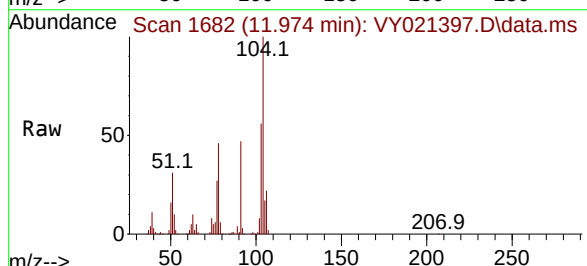
Tgt Ion:104 Resp: 64841

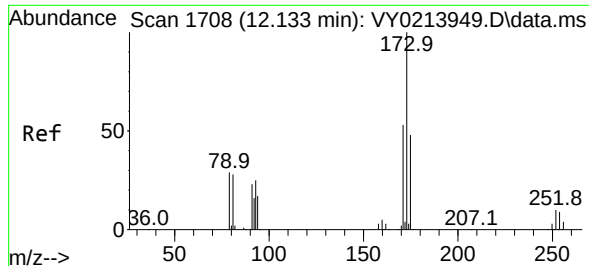
Ion Ratio Lower Upper

104 100

78 51.1 40.7 61.1

103 56.5 44.1 66.1





#71

Bromoform

Concen: 9.719 ug/l

RT: 12.139 min Scan# 1709

Delta R.T. 0.006 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion:173 Resp: 1298

Ion Ratio Lower Upper

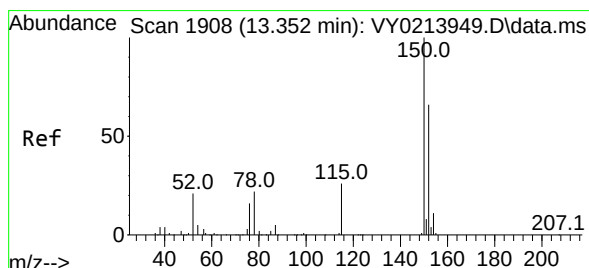
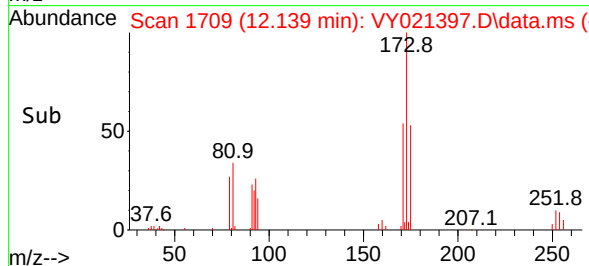
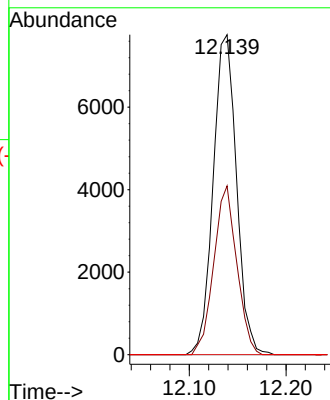
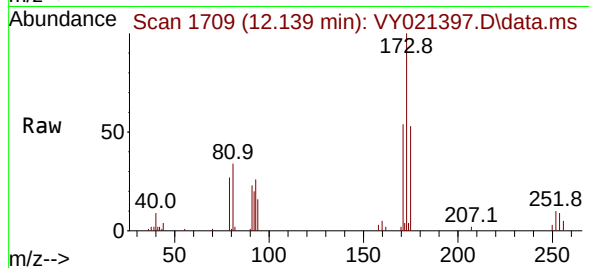
173 100

175 52.2 23.9 71.7

254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

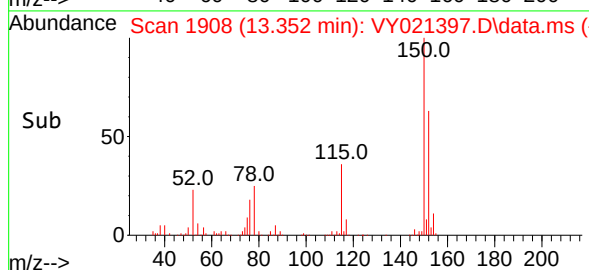
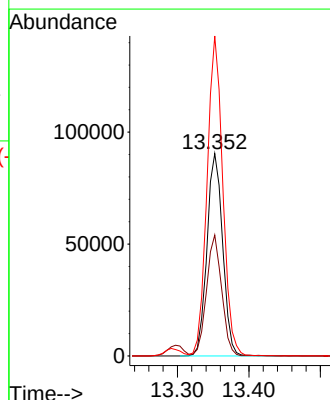
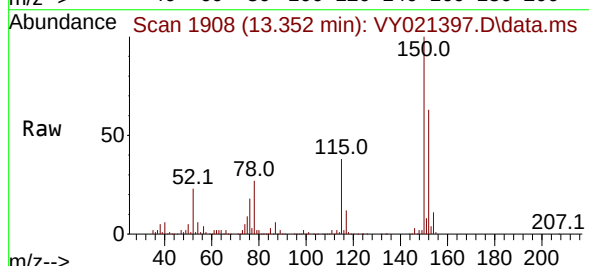
Tgt Ion:152 Resp: 137839

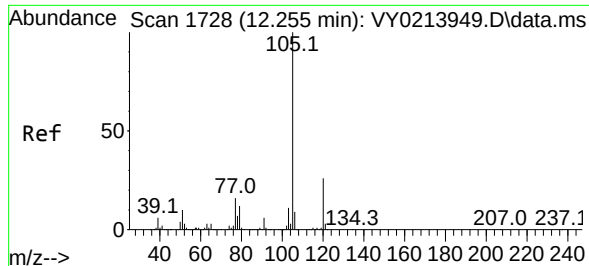
Ion Ratio Lower Upper

152 100

115 57.3 29.0 87.0

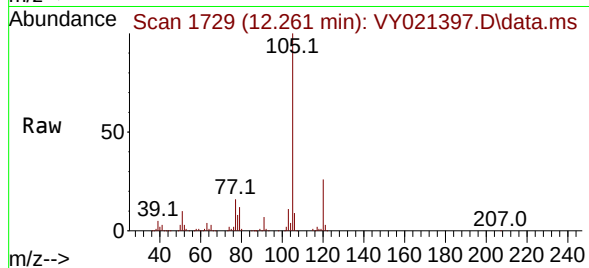
150 158.4 0.0 347.2





#73
Isopropylbenzene
Concen: 9.639 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. 0.006 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

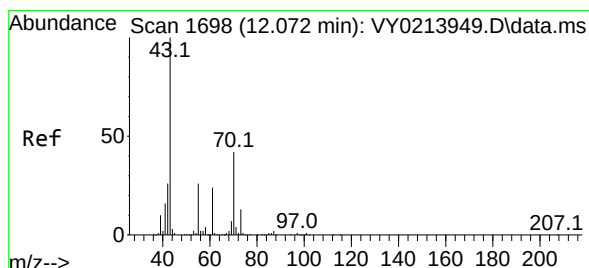
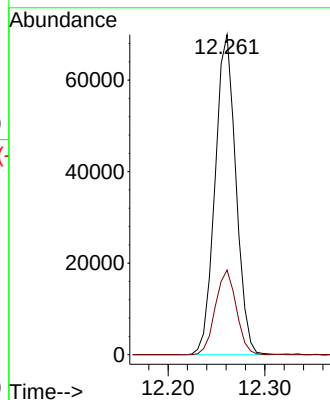
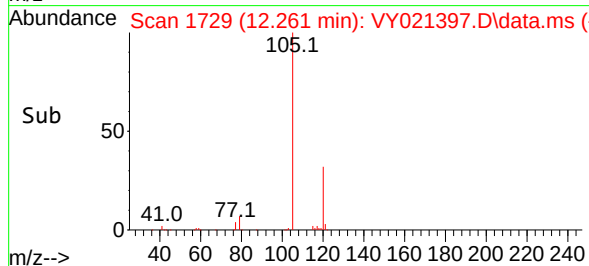
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion:105 Resp: 10466
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.3

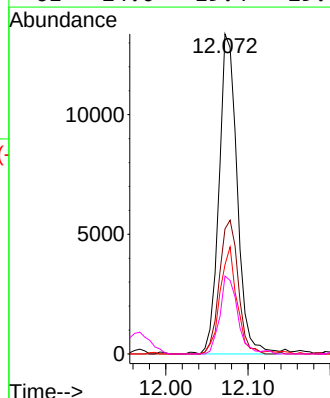
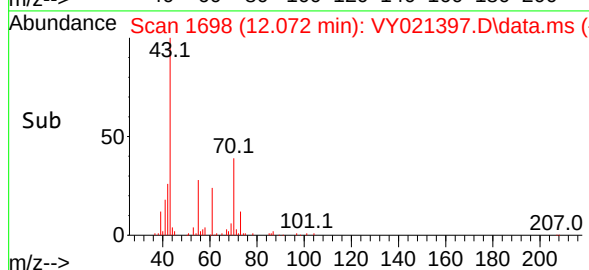
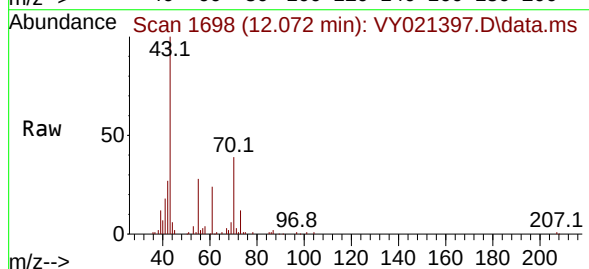
Manual Integrations
APPROVED

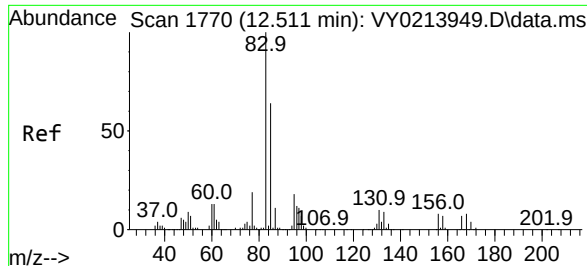
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#74
N-ethyl acetate
Concen: 8.725 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

Tgt Ion: 43 Resp: 20573
Ion Ratio Lower Upper
43 100
70 43.1 34.6 51.8
55 31.1 21.1 31.7
61 24.0 19.4 29.0





#75

1,1,2,2-Tetrachloroethane

Concen: 10.249 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 83 Resp: 19638

Ion Ratio Lower Upper

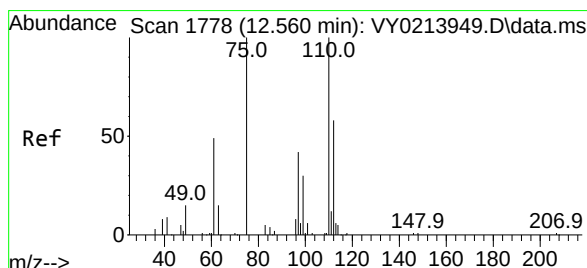
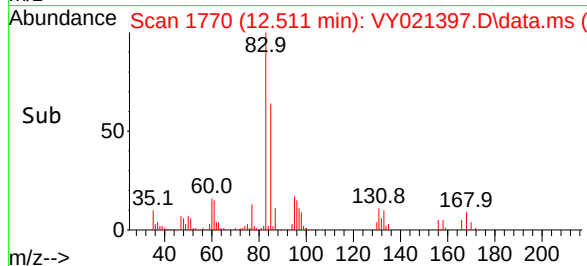
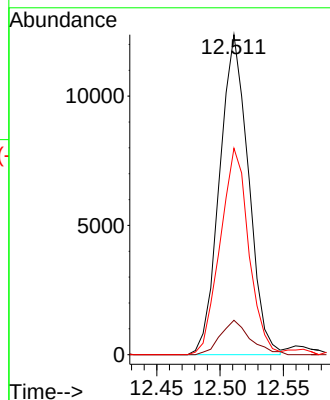
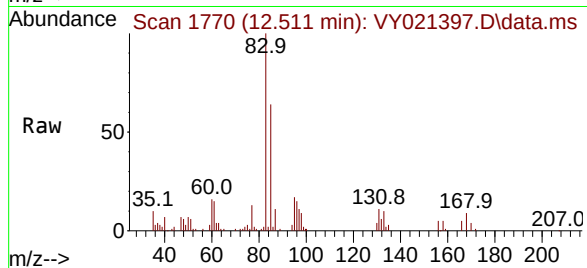
83 100

131 11.1 5.3 16.1

85 63.9 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#76

1,2,3-Trichloropropane

Concen: 10.371 ug/l m

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY021397.D

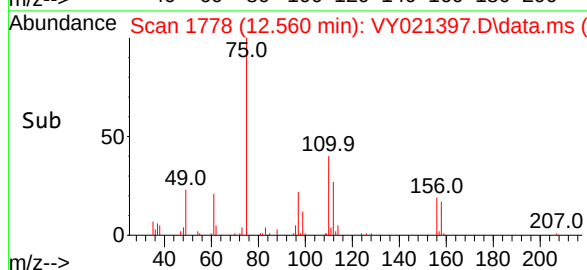
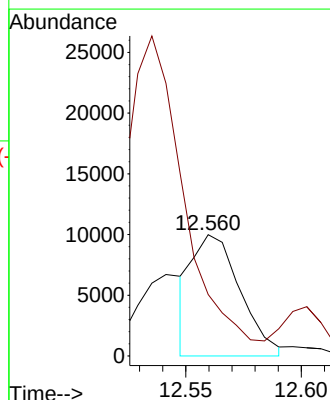
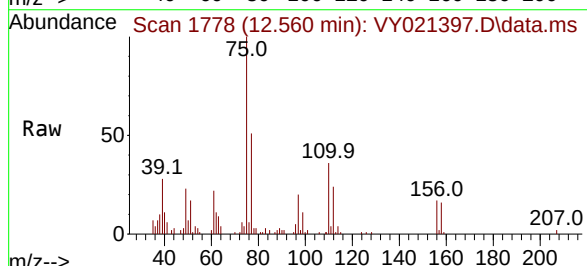
Acq: 04 Mar 2025 09:46

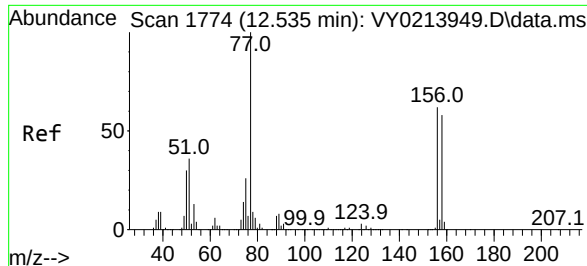
Tgt Ion: 75 Resp: 14405

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 10.073 ug/l

RT: 12.535 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

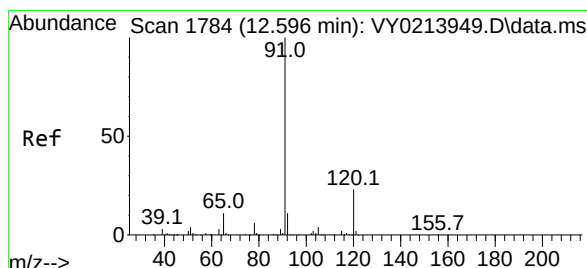
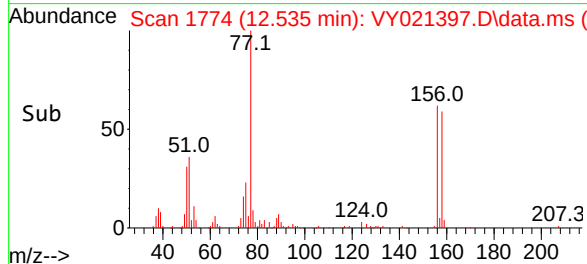
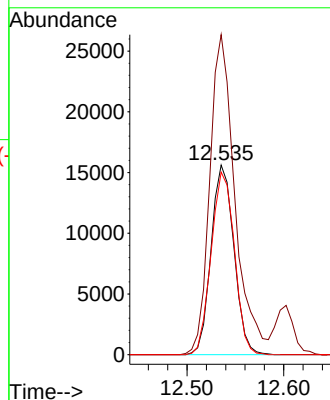
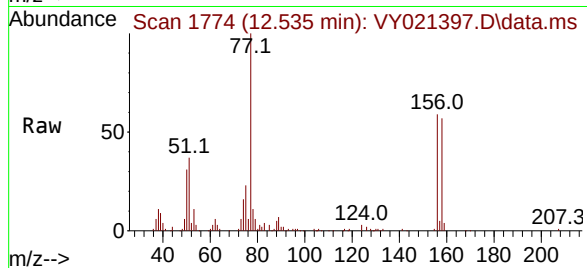
VSTDIC010

Tgt Ion:	156	Resp:	2558
Ion Ratio	Lower	Upper	
156	100		
77	186.2	93.6	280.8
158	98.0	48.3	144.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#78

n-propylbenzene

Concen: 9.626 ug/l

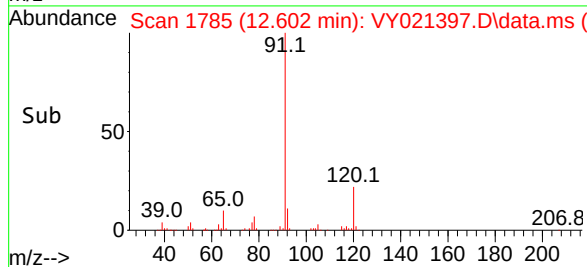
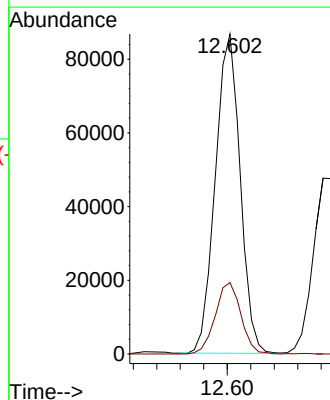
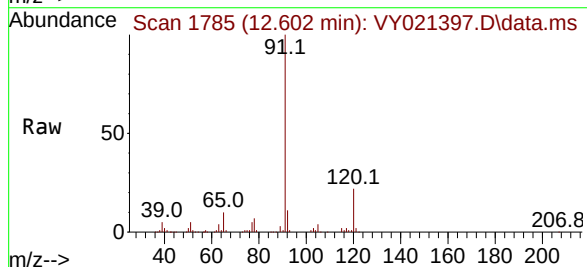
RT: 12.602 min Scan# 1785

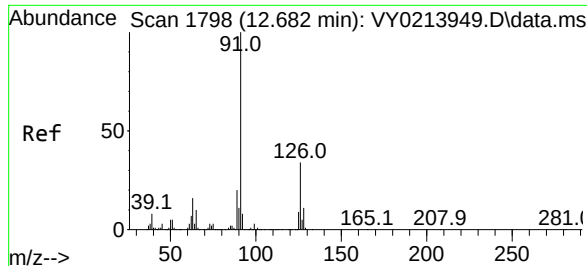
Delta R.T. 0.006 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Tgt Ion:	91	Resp:	126938
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.3	33.8





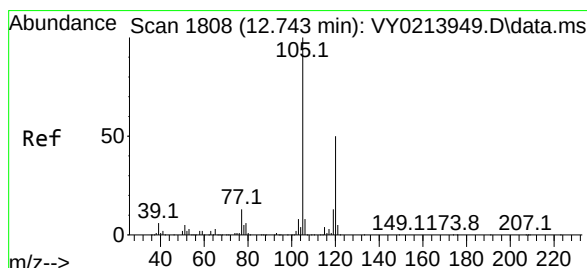
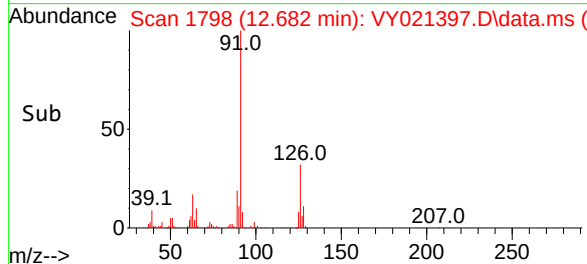
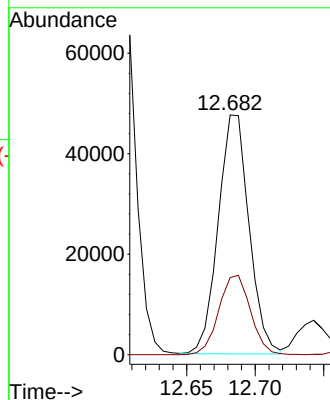
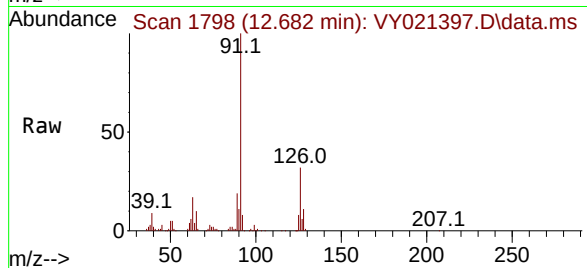
#79
2-Chlorotoluene
Concen: 9.898 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 7463
Ion Ratio Lower Upper
91 100
126 34.0 17.2 51.6

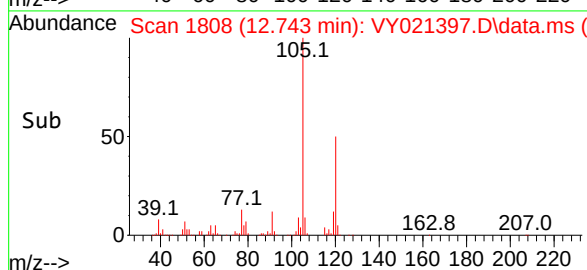
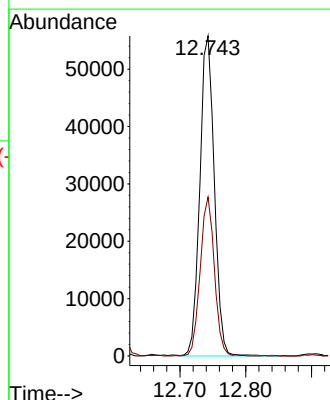
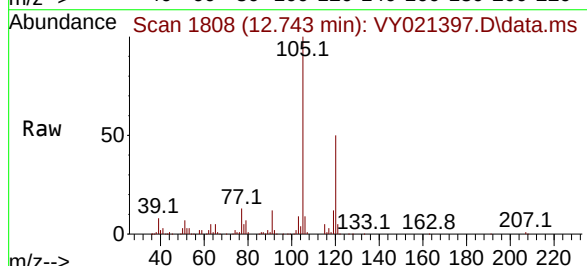
Manual Integrations
APPROVED

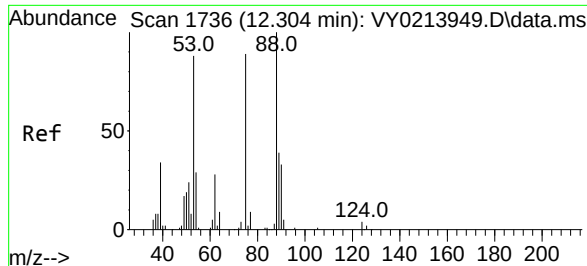
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#80
1,3,5-Trimethylbenzene
Concen: 9.673 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

Tgt Ion:105 Resp: 85353
Ion Ratio Lower Upper
105 100
120 48.7 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 9.650 ug/l

RT: 12.304 min Scan# 1736

Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

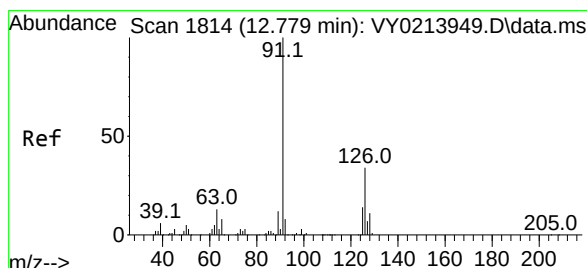
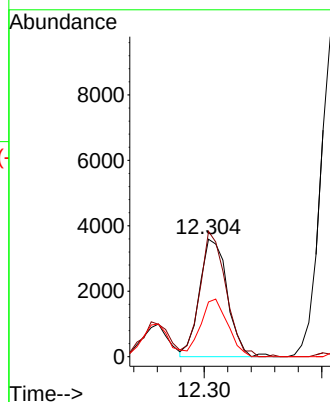
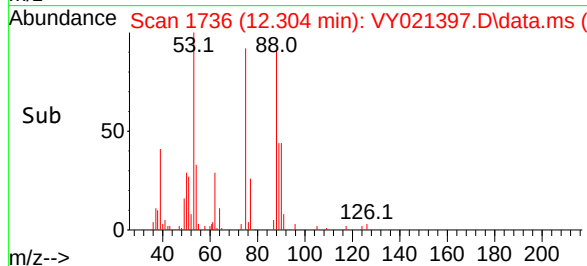
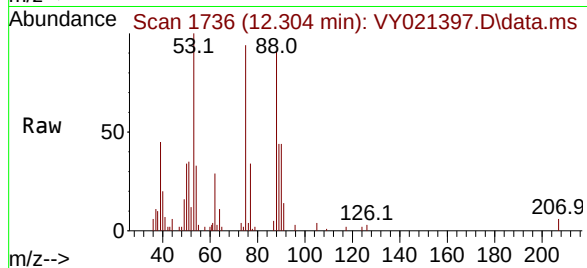
VSTDIC010

Tgt Ion:	75	Resp:	5890
Ion	Ratio	Lower	Upper
75	100		
53	99.6	81.0	121.4
89	47.2	36.9	55.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#82

4-Chlorotoluene

Concen: 10.118 ug/l

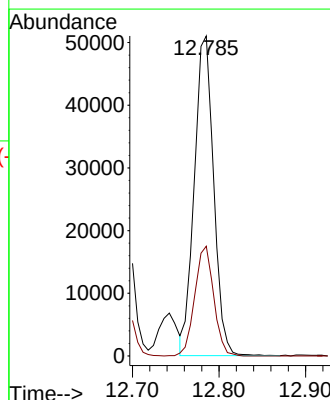
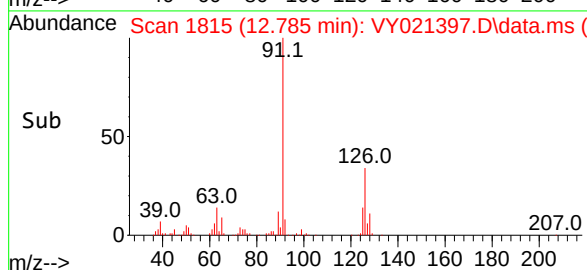
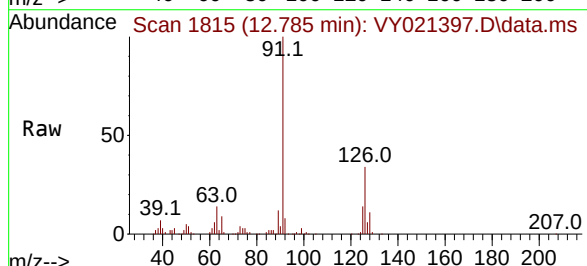
RT: 12.785 min Scan# 1815

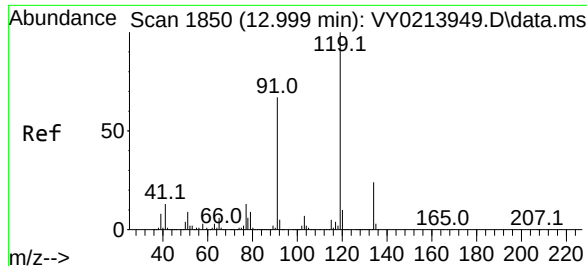
Delta R.T. 0.006 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Tgt Ion:	91	Resp:	78997
Ion	Ratio	Lower	Upper
91	100		
126	33.7	17.0	51.0





#83

tert-Butylbenzene

Concen: 9.705 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. 0.006 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

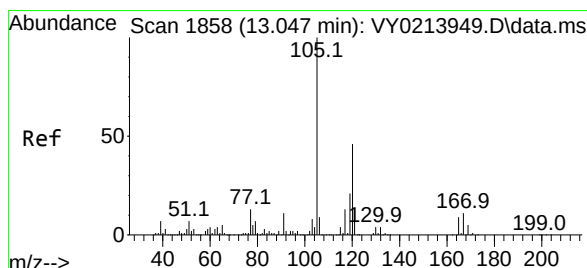
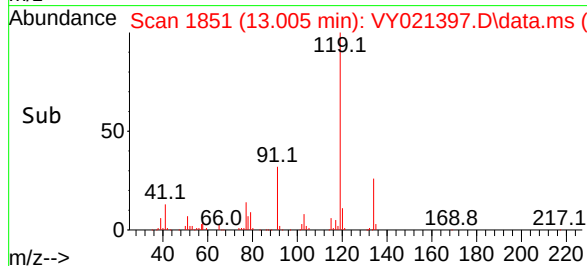
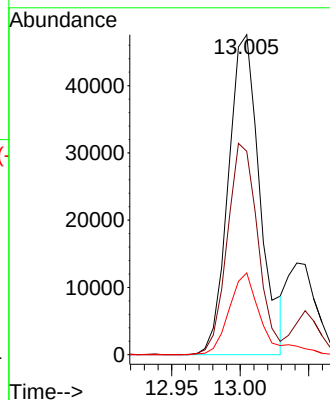
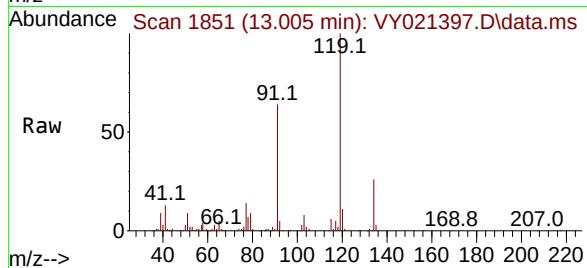
VSTDIC010

Tgt Ion:	119	Resp:	76394
Ion	Ratio	Lower	Upper
119	100		
91	64.1	33.2	99.6
134	26.2	13.5	40.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#84

1,2,4-Trimethylbenzene

Concen: 9.458 ug/l

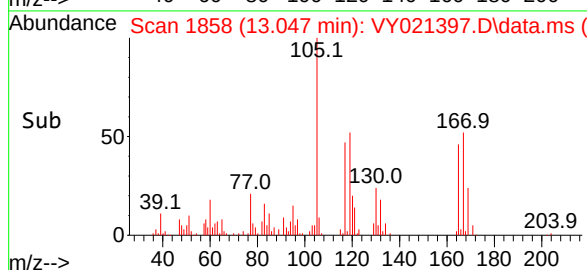
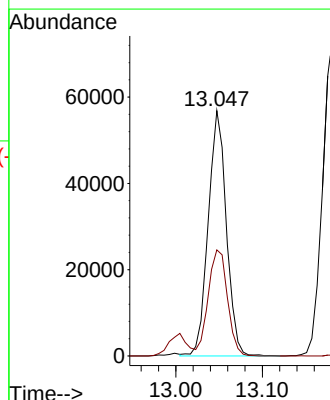
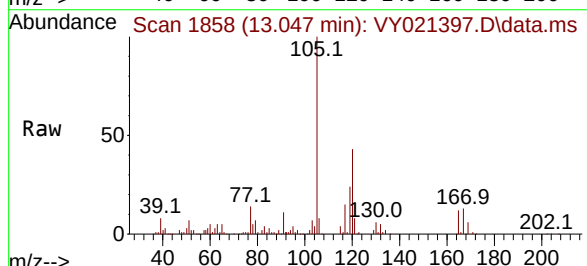
RT: 13.047 min Scan# 1858

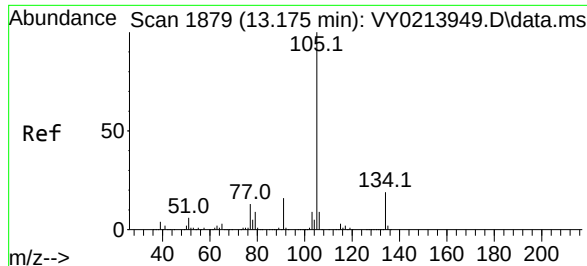
Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Tgt Ion:	105	Resp:	82865
Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.7	68.1





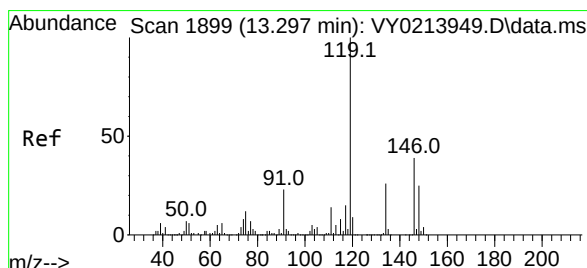
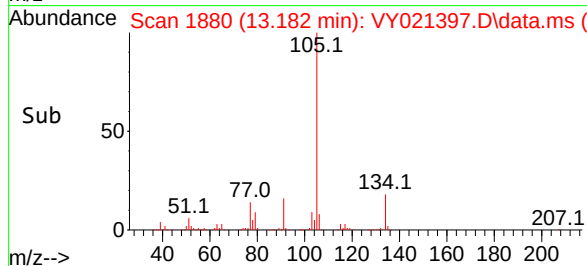
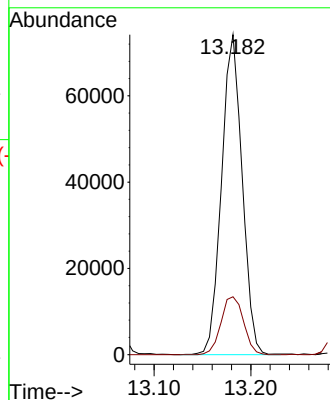
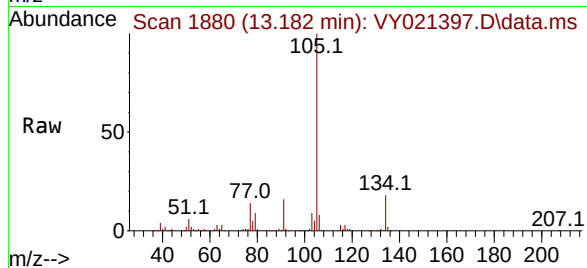
#85
sec-Butylbenzene
Concen: 9.362 ug/l
RT: 13.182 min Scan# 1880
Delta R.T. 0.006 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:105 Resp: 10964
Ion Ratio Lower Upper
105 100
134 19.8 9.9 29.7

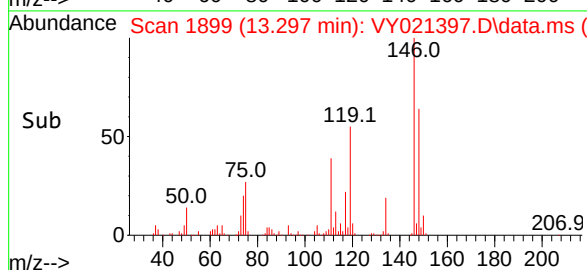
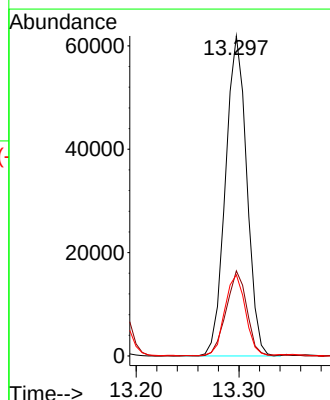
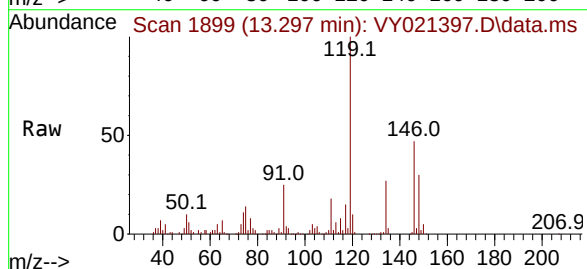
Manual Integrations
APPROVED

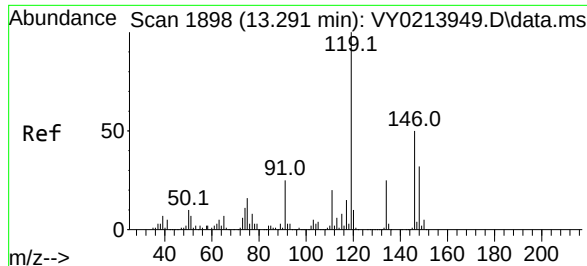
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#86
p-Isopropyltoluene
Concen: 9.248 ug/l
RT: 13.297 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

Tgt Ion:119 Resp: 89228
Ion Ratio Lower Upper
119 100
134 25.8 13.1 39.1
91 24.5 12.2 36.6





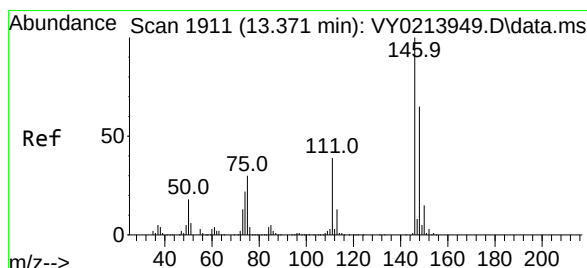
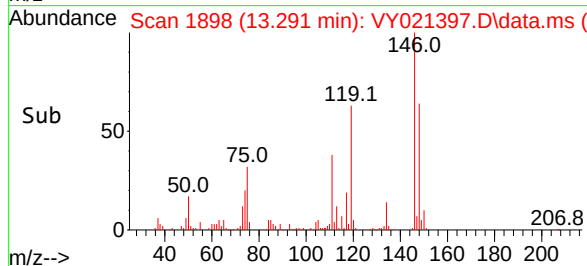
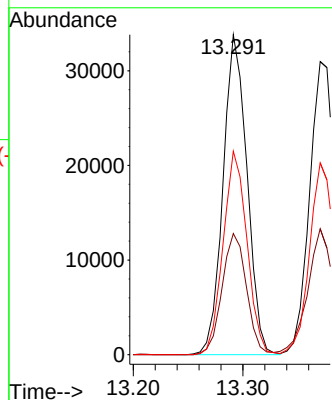
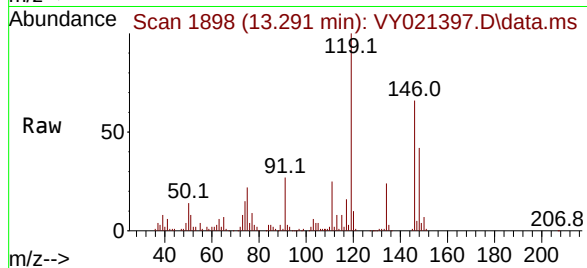
#87
1,3-Dichlorobenzene
Concen: 10.147 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	20.0	60.0
148	63.3	31.8	95.3

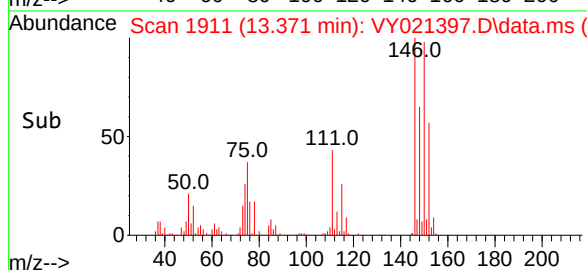
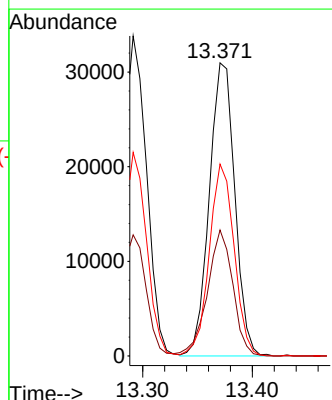
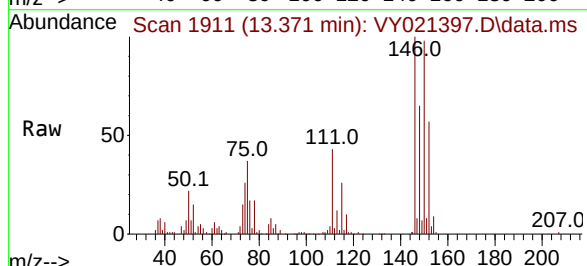
Manual Integrations
APPROVED

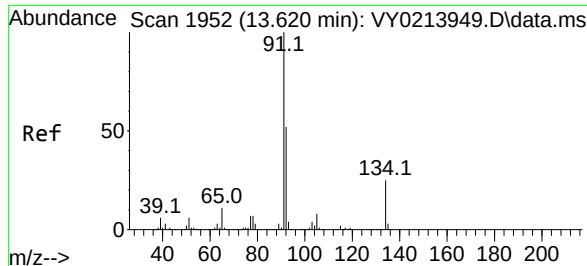
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#88
1,4-Dichlorobenzene
Concen: 10.143 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.0	19.6	58.8
148	63.9	32.3	96.8





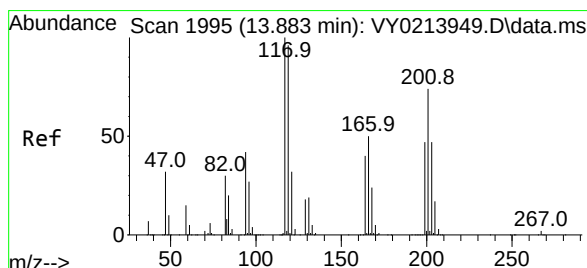
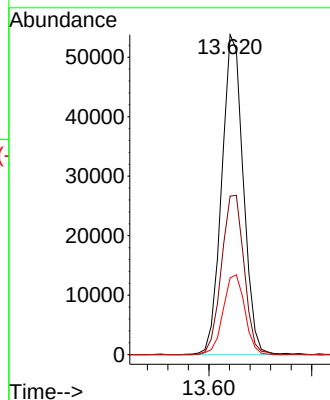
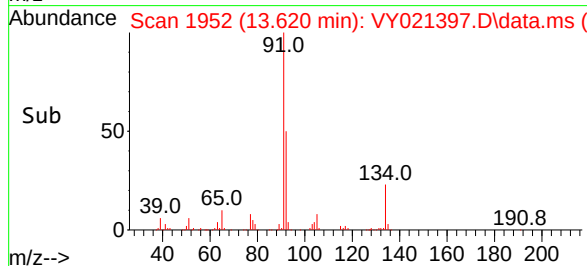
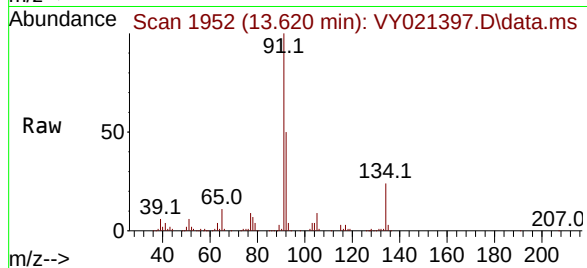
#89
n-Butylbenzene
Concen: 8.779 ug/l
RT: 13.620 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.1	78.3
134	25.1	12.6	37.8

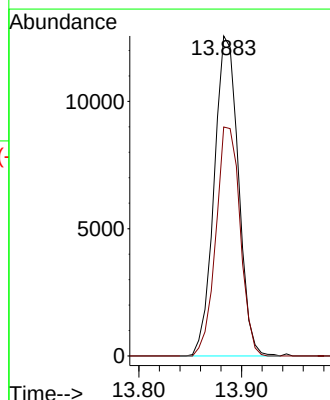
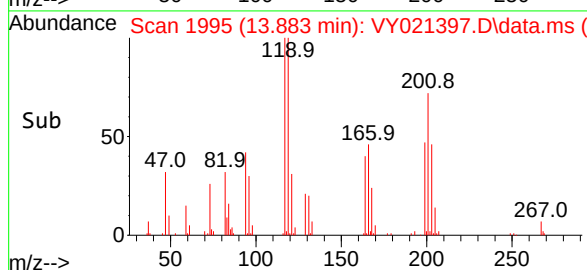
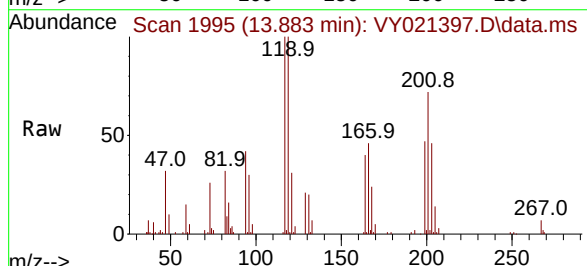
Manual Integrations
APPROVED

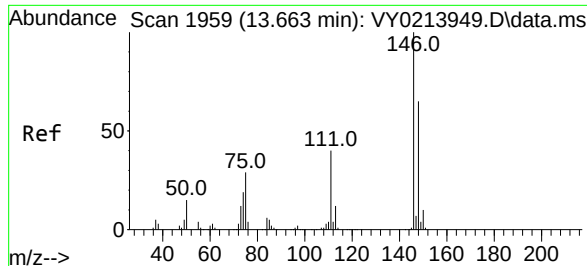
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#90
Hexachloroethane
Concen: 9.998 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

Tgt Ion	Ratio	Lower	Upper
117	100		
201	71.5	37.4	112.2





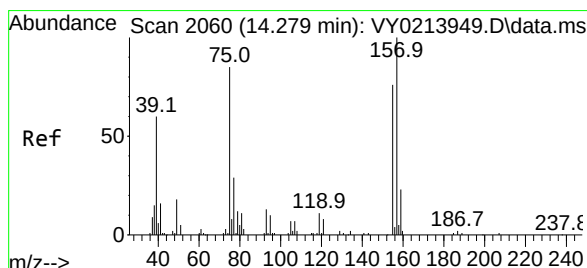
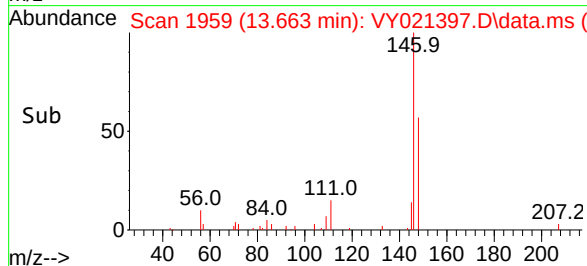
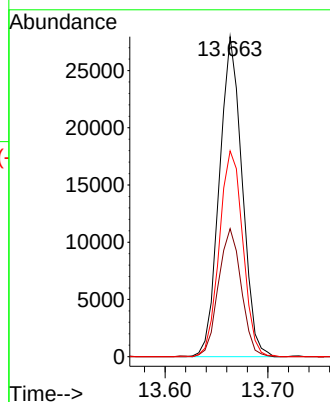
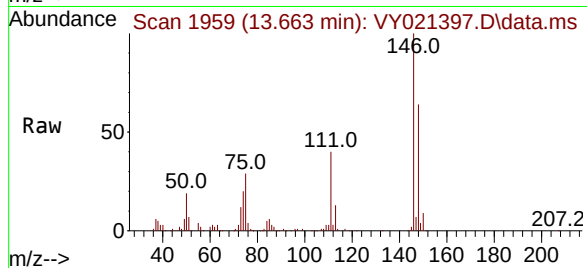
#91
1,2-Dichlorobenzene
Concen: 9.929 ug/l
RT: 13.663 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:146 Resp: 43028
Ion Ratio Lower Upper
146 100
111 40.1 20.7 62.1
148 66.3 32.1 96.5

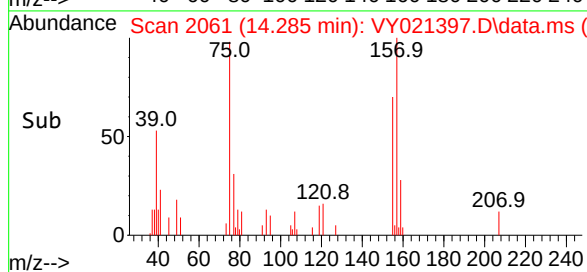
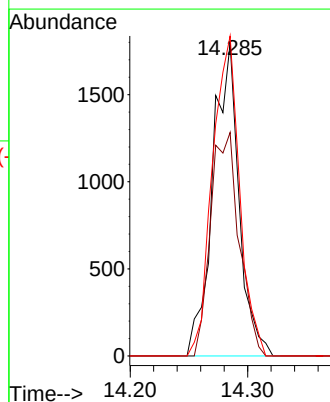
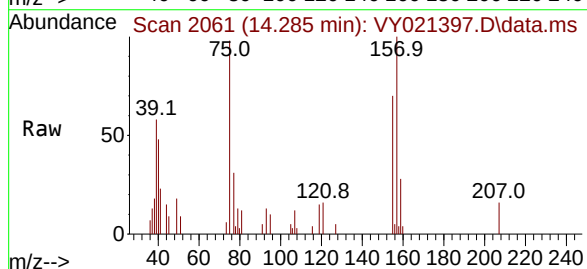
Manual Integrations
APPROVED

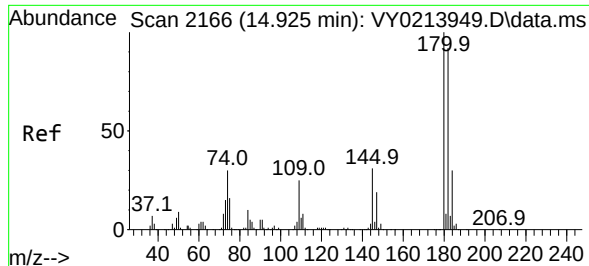
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 9.710 ug/l
RT: 14.285 min Scan# 2061
Delta R.T. 0.006 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

Tgt Ion: 75 Resp: 2787
Ion Ratio Lower Upper
75 100
155 78.0 43.5 130.5
157 105.4 54.4 163.2





#93

1,2,4-Trichlorobenzene

Concen: 8.422 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion:180 Resp: 1993

Ion Ratio Lower Upper

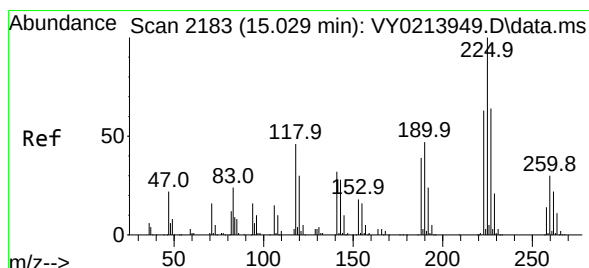
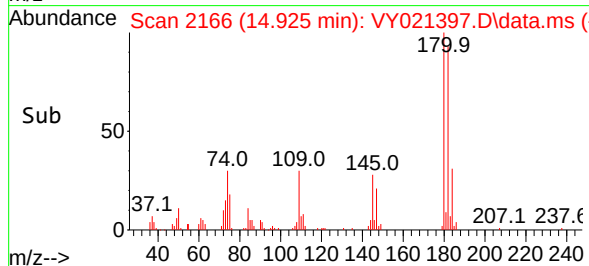
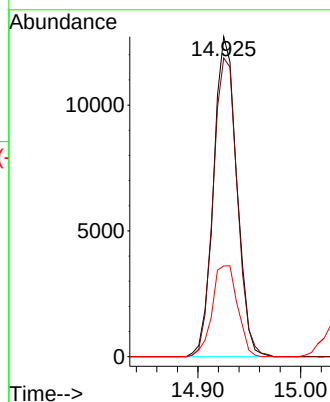
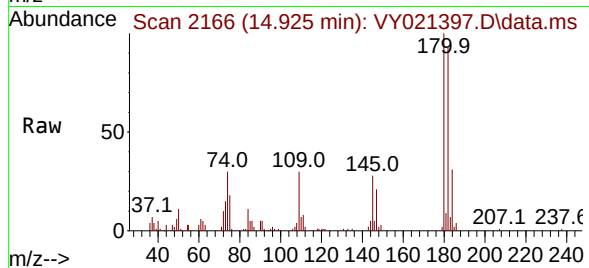
180 100

182 96.6 46.7 140.0

145 31.1 15.6 46.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#94

Hexachlorobutadiene

Concen: 8.709 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

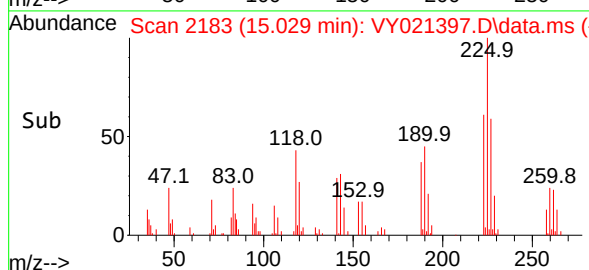
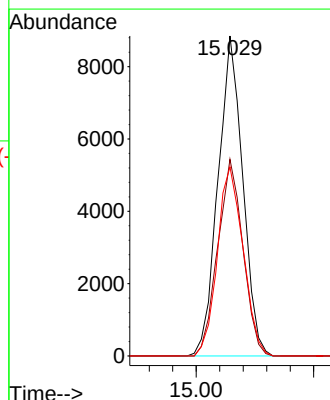
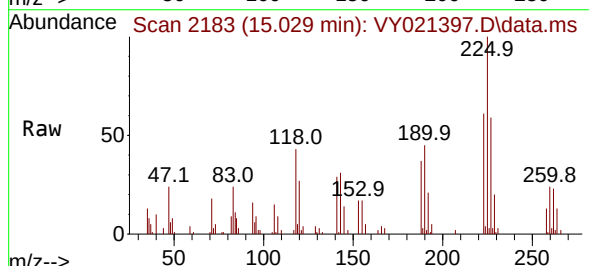
Tgt Ion:225 Resp: 12923

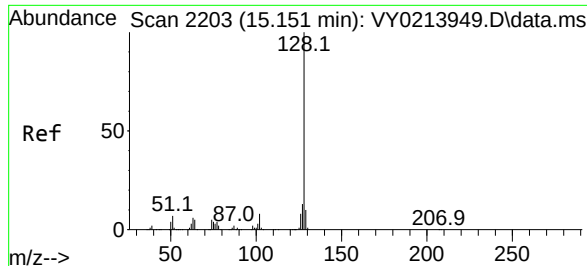
Ion Ratio Lower Upper

225 100

223 62.4 31.4 94.2

227 61.6 31.8 95.4





#95

Naphthalene

Concen: 9.071 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. -0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

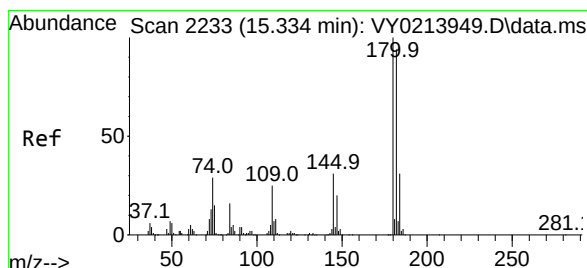
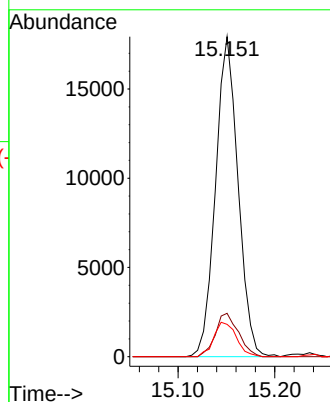
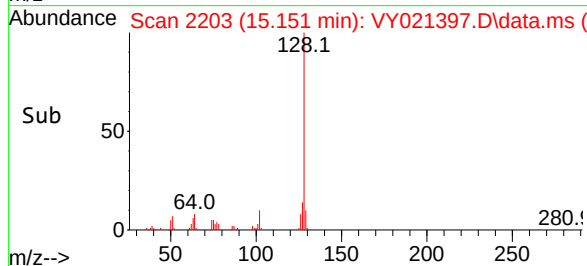
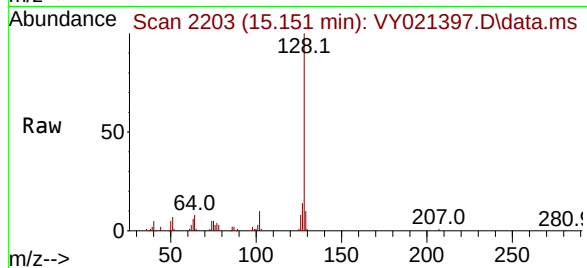
VSTDIC010

Tgt Ion:	128	Resp:	28894
Ion Ratio	Lower	Upper	
128	100		
127	13.9	10.6	15.8
129	10.9	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#96

1,2,3-Trichlorobenzene

Concen: 8.358 ug/l

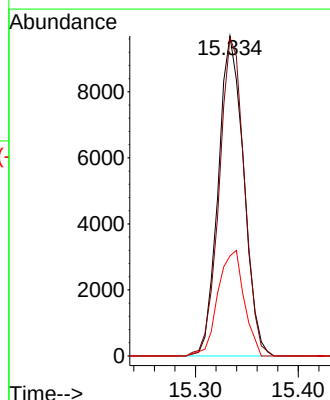
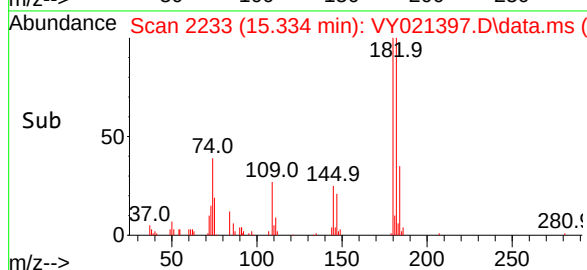
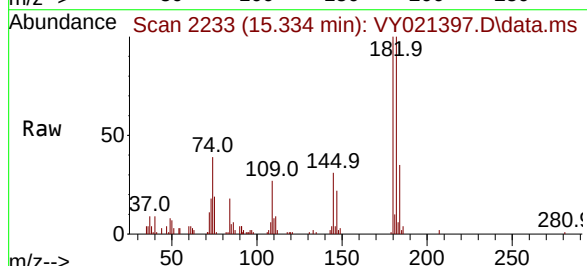
RT: 15.334 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Tgt Ion:	180	Resp:	16639
Ion Ratio	Lower	Upper	
180	100		
182	98.0	47.2	141.6
145	33.8	16.4	49.1



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
 Data File : VY021398.D
 Acq On : 04 Mar 2025 10:09
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
 Supervised By :Semsettin Yesilyurt 03/06/2025

Quant Time: Mar 05 02:58:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 02:30:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	234648	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	364702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	318510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	158359	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	48282	19.468	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	38.940%#		
35) Dibromofluoromethane	7.640	113	45904	19.149	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	38.300%#		
50) Toluene-d8	10.109	98	172011	18.951	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	37.900%#		
62) 4-Bromofluorobenzene	12.407	95	57456	18.609	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	37.220%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	39013	18.118	ug/l	99
3) Chloromethane	2.074	50	55232	18.193	ug/l	98
4) Vinyl Chloride	2.208	62	59949	18.070	ug/l	97
5) Bromomethane	2.598	94	42205	17.602	ug/l	97
6) Chloroethane	2.738	64	40060	18.272	ug/l	98
7) Trichlorofluoromethane	3.062	101	84097	18.161	ug/l	99
8) Diethyl Ether	3.458	74	23333	18.183	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.824	101	47597	18.003	ug/l	99
10) Methyl Iodide	4.007	142	48356	17.994	ug/l	99
11) Tert butyl alcohol	4.866	59	16988	91.100	ug/l	97
12) 1,1-Dichloroethene	3.799	96	43203	17.924	ug/l	96
13) Acrolein	3.659	56	20256	160.575	ug/l	90
14) Allyl chloride	4.397	41	69859	17.935	ug/l	99
15) Acrylonitrile	5.067	53	49390	90.413	ug/l	99
16) Acetone	3.872	43	42878	79.267	ug/l	97
17) Carbon Disulfide	4.110	76	133782	17.710	ug/l	98
18) Methyl Acetate	4.391	43	21340	17.780	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	110487	18.085	ug/l	97
20) Methylene Chloride	4.628	84	50462	17.772	ug/l	97
21) trans-1,2-Dichloroethene	5.122	96	48412	17.935	ug/l	98
22) Diisopropyl ether	6.024	45	157248	18.732	ug/l	96
23) Vinyl Acetate	5.970	43	439671	91.773	ug/l	99
24) 1,1-Dichloroethane	5.921	63	89625	18.090	ug/l	98
25) 2-Butanone	6.902	43	63994	85.523	ug/l	92
26) 2,2-Dichloropropane	6.890	77	80697	17.702	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	55597	18.130	ug/l	99
28) Bromochloromethane	7.250	49	39711	19.118	ug/l	98
29) Tetrahydrofuran	7.274	42	41984	90.885	ug/l	98
30) Chloroform	7.427	83	93077	18.092	ug/l	98
31) Cyclohexane	7.707	56	83067	17.884	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	83884	17.807	ug/l	99
36) 1,1-Dichloropropene	7.841	75	67437	17.972	ug/l	98
37) Ethyl Acetate	6.988	43	30017m	17.733	ug/l	
38) Carbon Tetrachloride	7.823	117	78440	18.176	ug/l	99
39) Methylcyclohexane	9.115	83	80192	17.422	ug/l	100
40) Benzene	8.085	78	199273	18.027	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
 Data File : VY021398.D
 Acq On : 04 Mar 2025 10:09
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
 Supervised By :Semsettin Yesilyurt 03/06/2025

Quant Time: Mar 05 02:58:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 02:30:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	15135	16.416	ug/l #	77
42) 1,2-Dichloroethane	8.164	62	56356	18.224	ug/l	100
43) Isopropyl Acetate	8.201	43	56260	17.474	ug/l #	87
44) Trichloroethene	8.865	130	50961	18.244	ug/l	97
45) 1,2-Dichloropropane	9.146	63	48565	18.460	ug/l	93
46) Dibromomethane	9.231	93	26972	18.426	ug/l	99
47) Bromodichloromethane	9.426	83	70770	18.205	ug/l	99
48) Methyl methacrylate	9.225	41	26835	17.976	ug/l	97
49) 1,4-Dioxane	9.237	88	5448	379.181	ug/l	94
51) 4-Methyl-2-Pentanone	9.999	43	147076	88.535	ug/l	99
52) Toluene	10.176	92	124450	17.858	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	61342	17.911	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	72678	17.873	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	34630	18.085	ug/l	98
56) Ethyl methacrylate	10.444	69	42134	17.253	ug/l	99
57) 1,3-Dichloropropane	10.719	76	61443	18.514	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	101217	89.786	ug/l	100
59) 2-Hexanone	10.768	43	94397	85.937	ug/l	98
60) Dibromochloromethane	10.914	129	47714	18.176	ug/l	98
61) 1,2-Dibromoethane	11.017	107	32927	18.220	ug/l	96
64) Tetrachloroethene	10.652	164	47121	18.193	ug/l	97
65) Chlorobenzene	11.444	112	135648	18.035	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	47998	18.050	ug/l	99
67) Ethyl Benzene	11.523	91	232468	17.609	ug/l	99
68) m/p-Xylenes	11.633	106	179664	35.847	ug/l	99
69) o-Xylene	11.956	106	80909	17.516	ug/l	98
70) Styrene	11.975	104	138147	18.027	ug/l	99
71) Bromoform	12.133	173	27186	18.288	ug/l #	99
73) Isopropylbenzene	12.255	105	219699	17.612	ug/l	99
74) N-amyl acetate	12.072	43	47062	17.372	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.511	83	40373	18.341	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	27215m	17.055	ug/l	
77) Bromobenzene	12.536	156	52163	17.874	ug/l	97
78) n-propylbenzene	12.596	91	269961	17.819	ug/l	99
79) 2-Chlorotoluene	12.682	91	155109	17.906	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	183398	18.091	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	12253	17.456	ug/l	98
82) 4-Chlorotoluene	12.779	91	160509	17.893	ug/l	99
83) tert-Butylbenzene	12.999	119	157912	17.461	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	183733	18.254	ug/l	100
85) sec-Butylbenzene	13.182	105	243719	18.113	ug/l	100
86) p-Isopropyltoluene	13.298	119	198423	17.900	ug/l	99
87) 1,3-Dichlorobenzene	13.291	146	103878	17.882	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	102862	18.106	ug/l	100
89) n-Butylbenzene	13.621	91	181603	17.741	ug/l	99
90) Hexachloroethane	13.883	117	41098	17.379	ug/l	97
91) 1,2-Dichlorobenzene	13.663	146	90658	18.208	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	5850	17.741	ug/l	92
93) 1,2,4-Trichlorobenzene	14.925	180	46578	17.127	ug/l	100
94) Hexachlorobutadiene	15.029	225	30431	17.851	ug/l	98
95) Naphthalene	15.145	128	72734	17.845	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	38873	16.996	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
Data File : VY021398.D
Acq On : 04 Mar 2025 10:09
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

Quant Time: Mar 05 02:58:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 02:30:51 2025
Response via : Initial Calibration

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

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

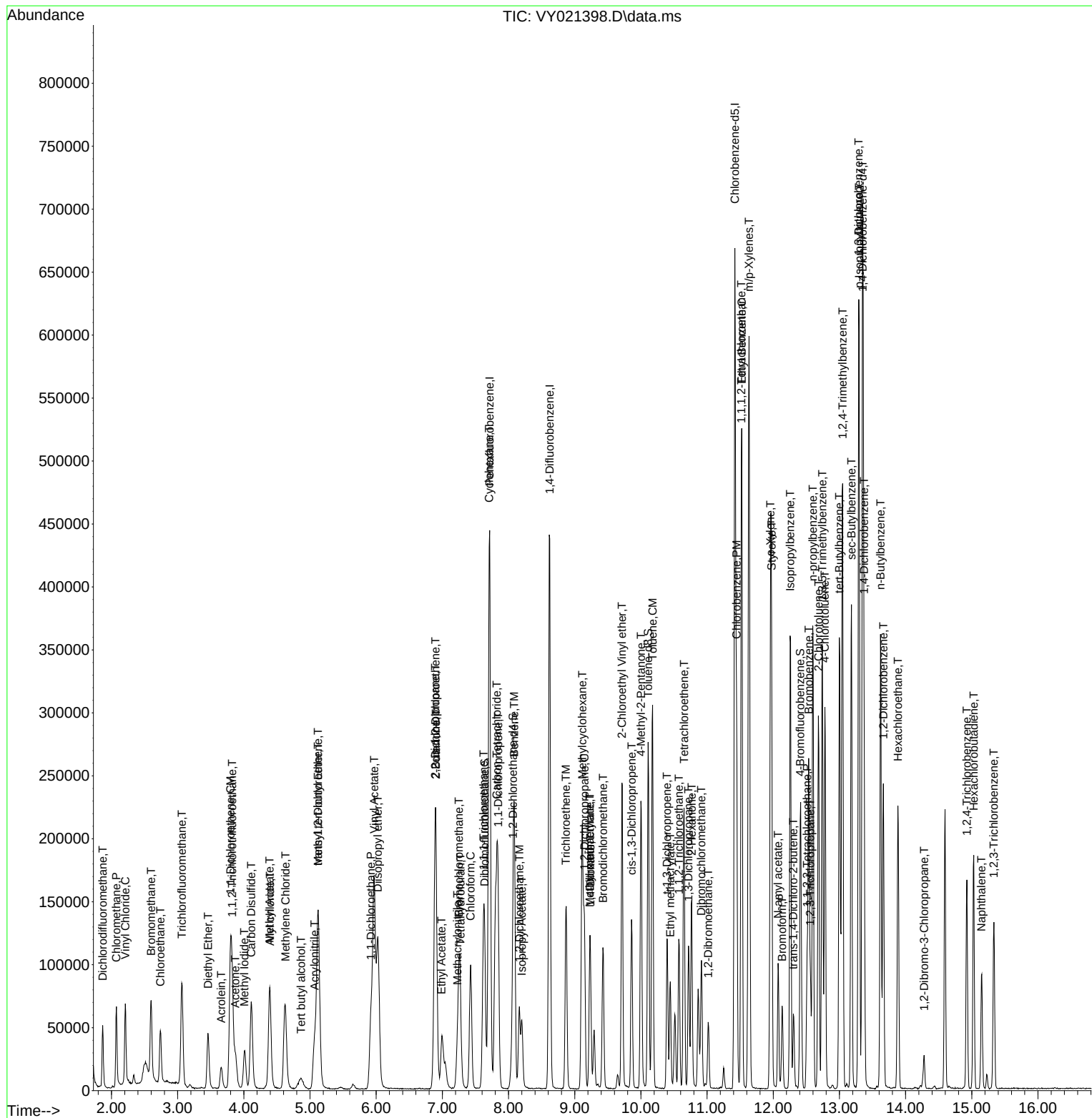
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 Data File : VY021398.D
 Acq On : 04 Mar 2025 10:09
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 4 Sample Multiplier: 1

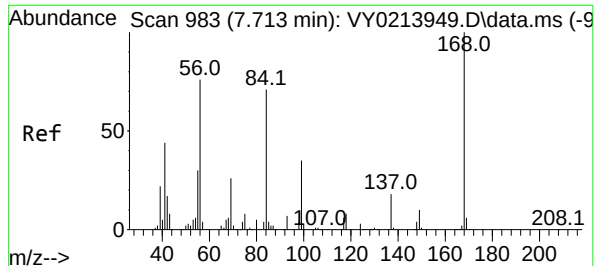
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: Mar 05 02:58:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 02:30:51 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

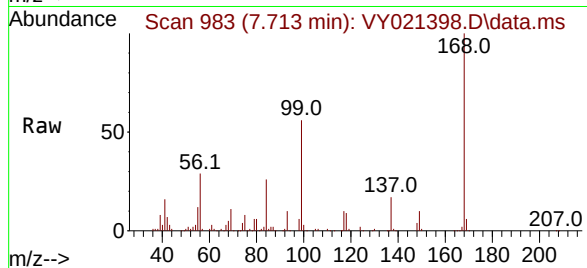
Reviewed By : Mahesh Dadoda 03/06/2025
 Supervised By : Semsettin Yesilyurt 03/06/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

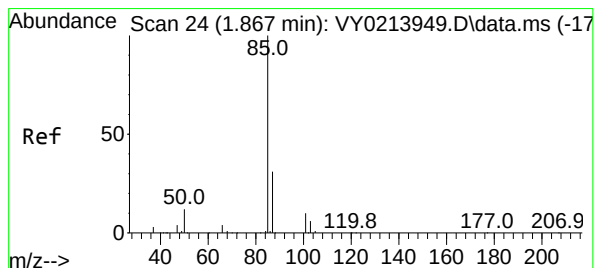
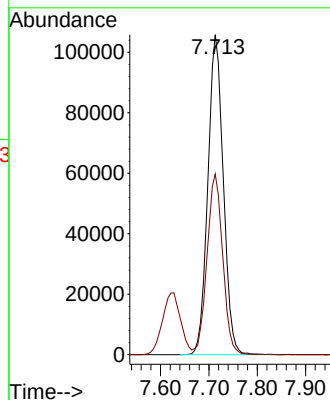
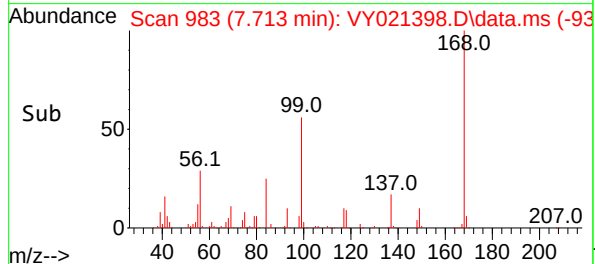
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion:168 Resp: 234648
Ion Ratio Lower Upper
168 100
99 56.5 46.0 69.0

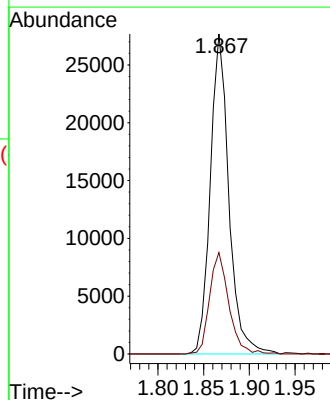
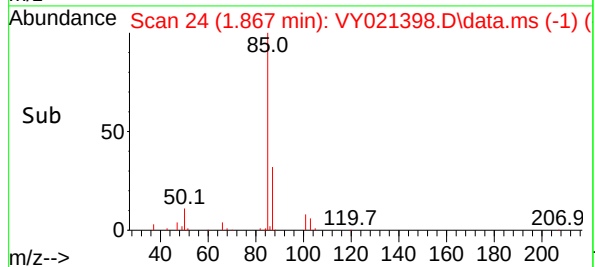
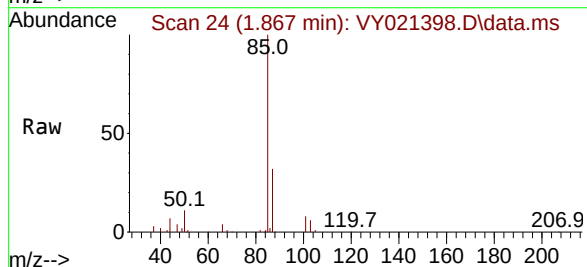
Manual Integrations
APPROVED

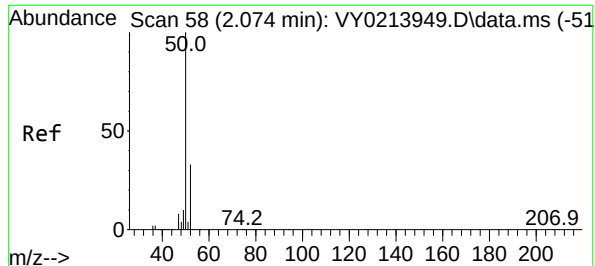
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#2
Dichlorodifluoromethane
Concen: 18.118 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

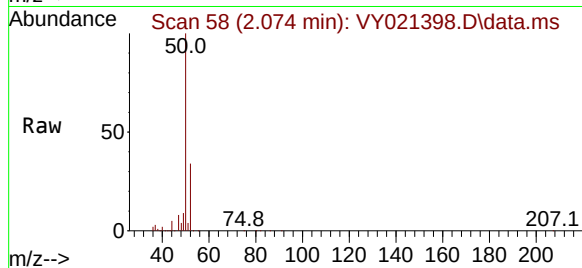
Tgt Ion: 85 Resp: 39013
Ion Ratio Lower Upper
85 100
87 31.7 15.7 47.0





#3
Chloromethane
Concen: 18.193 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

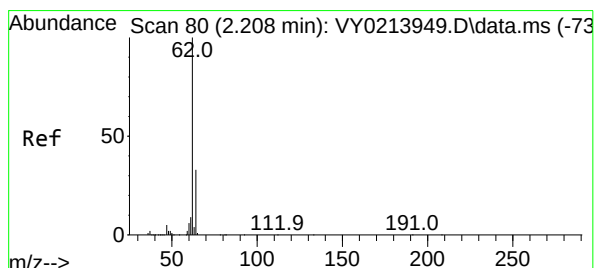
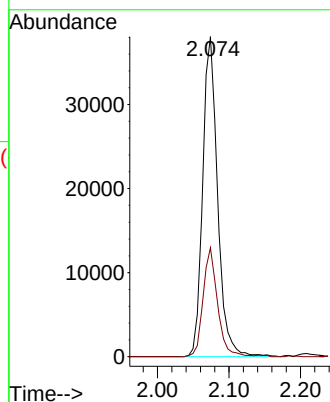
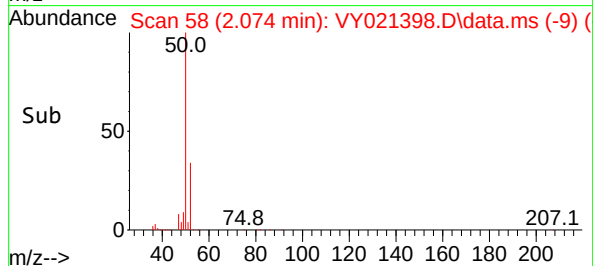
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 50 Resp: 5523
Ion Ratio Lower Upper
50 100
52 34.0 26.2 39.2

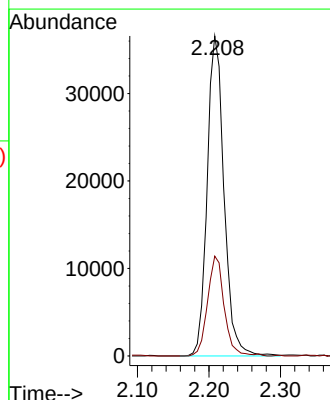
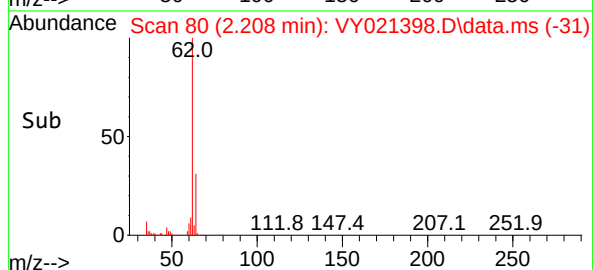
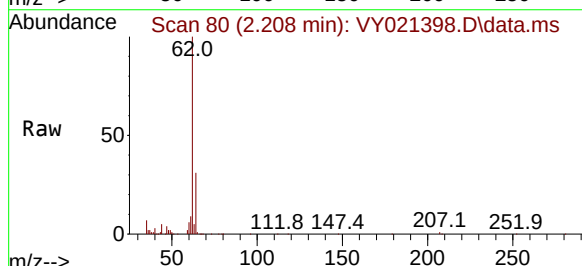
Manual Integrations
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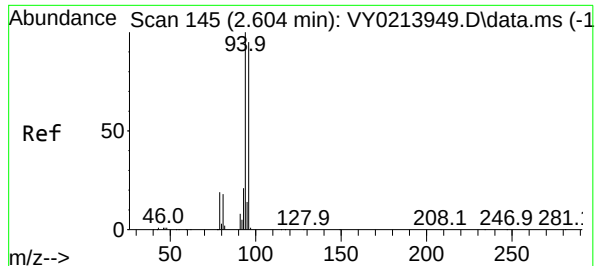
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#4
Vinyl Chloride
Concen: 18.070 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

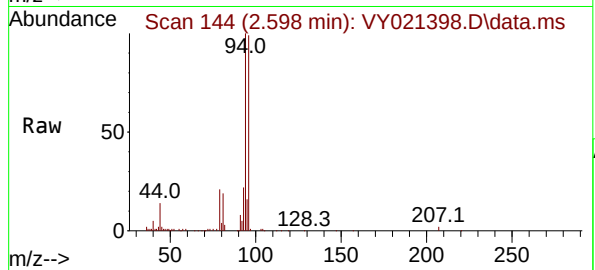
Tgt Ion: 62 Resp: 59949
Ion Ratio Lower Upper
62 100
64 31.2 26.2 39.2





#5
Bromomethane
Concen: 17.602 ug/l
RT: 2.598 min Scan# 145
Delta R.T. -0.006 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

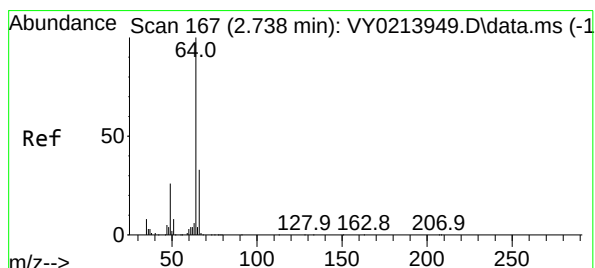
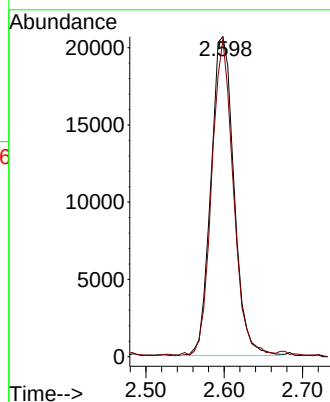
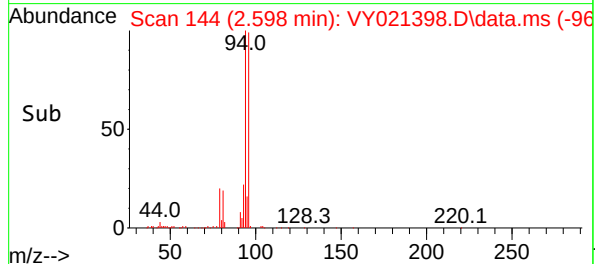
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 94 Resp: 42205
Ion Ratio Lower Upper
94 100
96 98.6 76.3 114.5

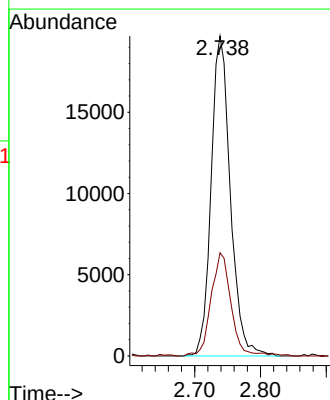
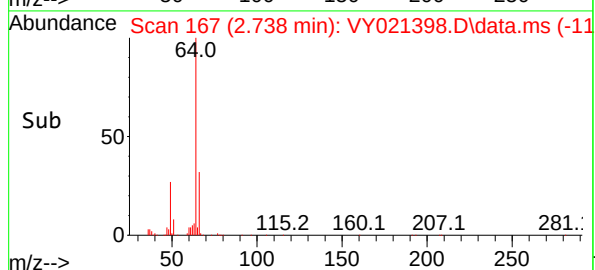
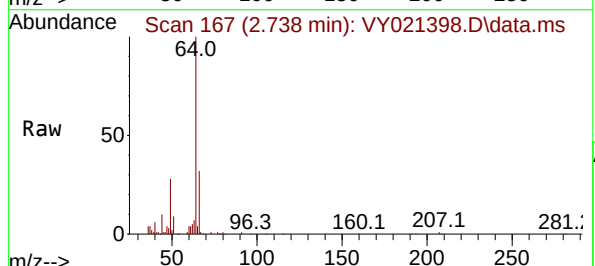
Manual Integrations
APPROVED

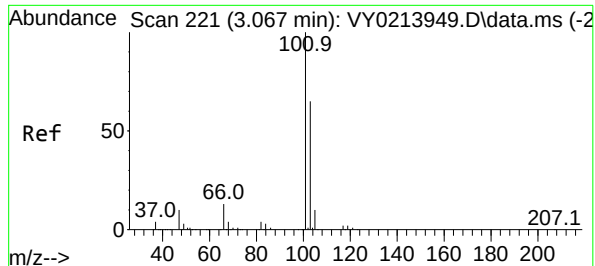
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#6
Chloroethane
Concen: 18.272 ug/l
RT: 2.738 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Tgt Ion: 64 Resp: 40060
Ion Ratio Lower Upper
64 100
66 32.3 26.7 40.1





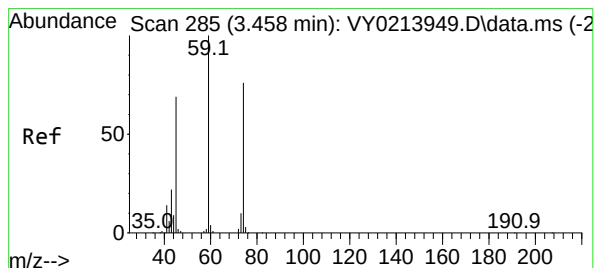
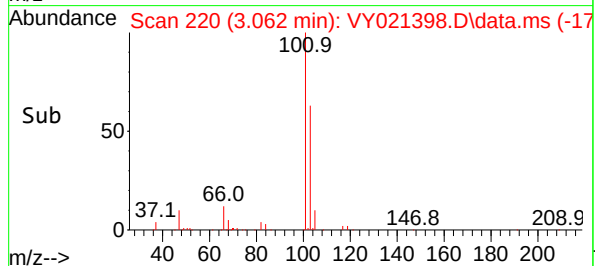
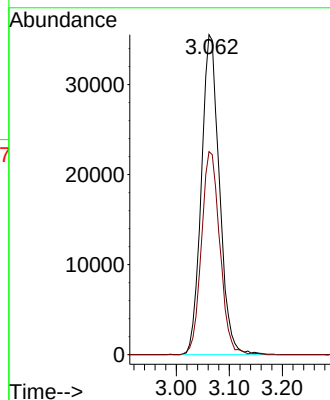
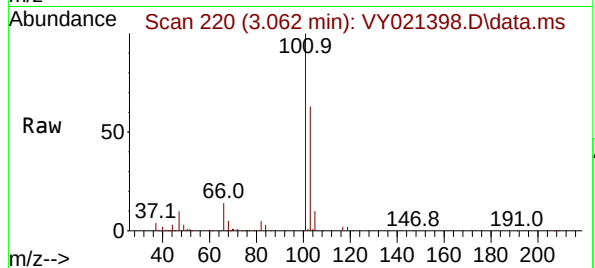
#7
Trichlorofluoromethane
Concen: 18.161 ug/l
RT: 3.062 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 8409
Ion Ratio Lower Upper
101 100
103 63.5 51.7 77.5

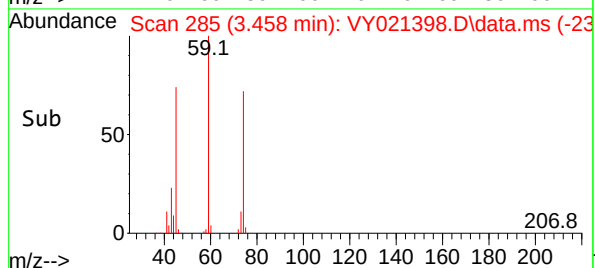
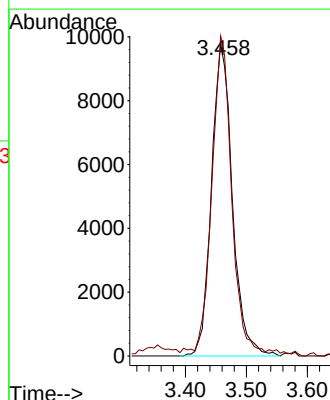
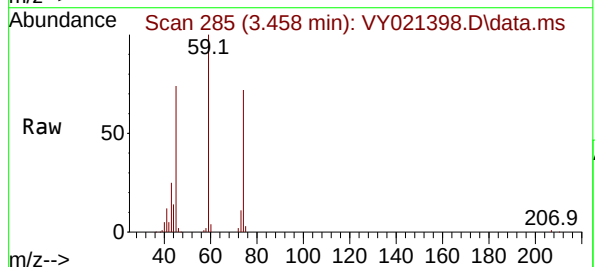
Manual Integrations
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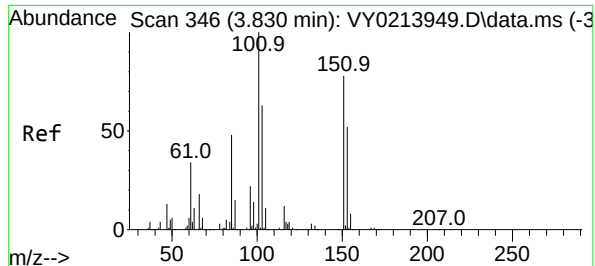
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#8
Diethyl Ether
Concen: 18.183 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Tgt Ion: 74 Resp: 23333
Ion Ratio Lower Upper
74 100
45 95.1 49.7 149.1





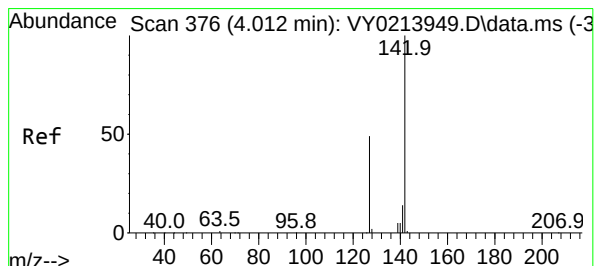
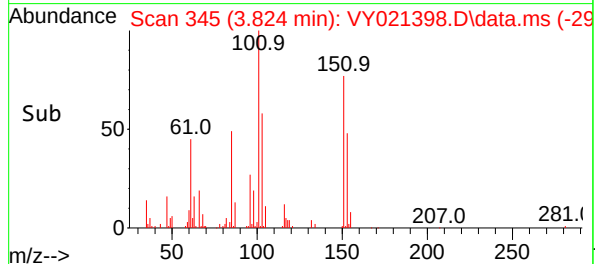
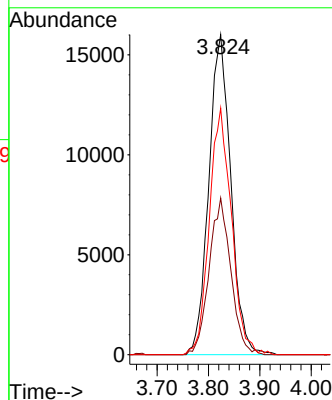
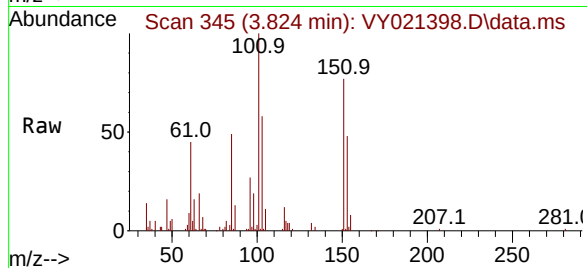
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.003 ug/l
RT: 3.824 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 4759
Ion Ratio Lower Upper
101 100
85 48.2 37.1 55.7
151 77.8 62.1 93.1

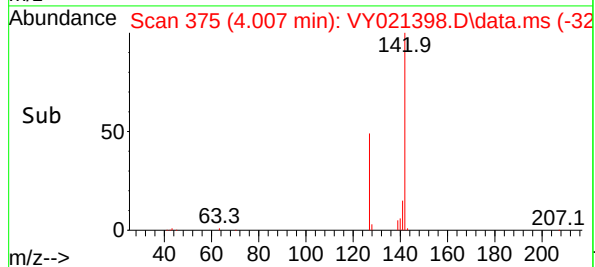
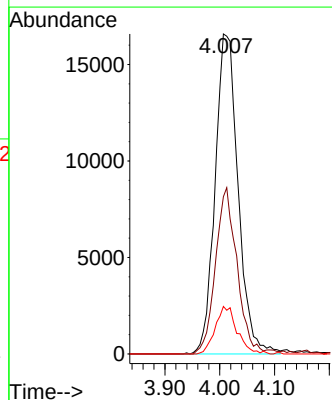
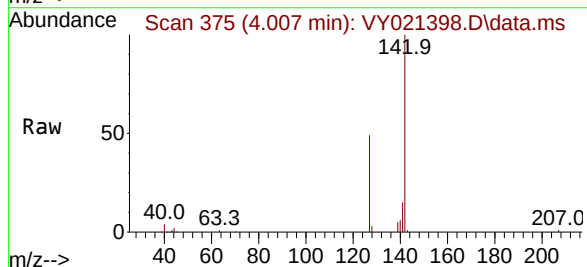
Manual Integrations
APPROVED

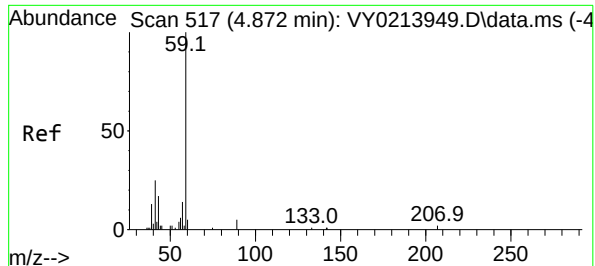
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#10
Methyl Iodide
Concen: 17.994 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.006 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Tgt Ion:142 Resp: 48356
Ion Ratio Lower Upper
142 100
127 48.5 39.1 58.7
141 14.1 11.8 17.6





#11

Tert butyl alcohol

Concen: 91.100 ug/l

RT: 4.866 min Scan# 517

Delta R.T. -0.006 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 59 Resp: 1698

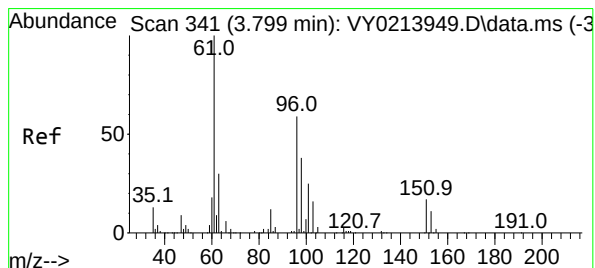
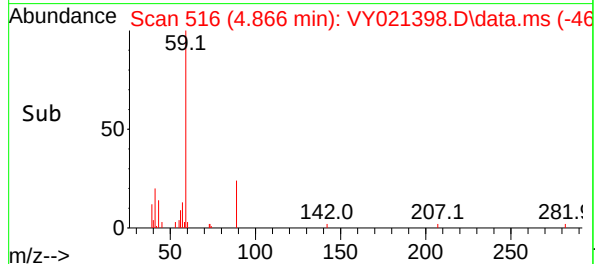
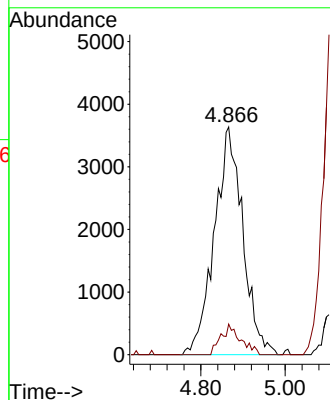
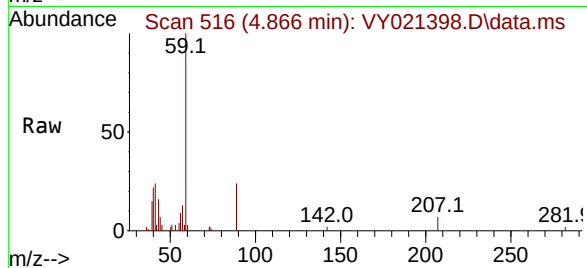
Ion Ratio Lower Upper

59 100

57 9.2 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#12

1,1-Dichloroethene

Concen: 17.924 ug/l

RT: 3.799 min Scan# 341

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

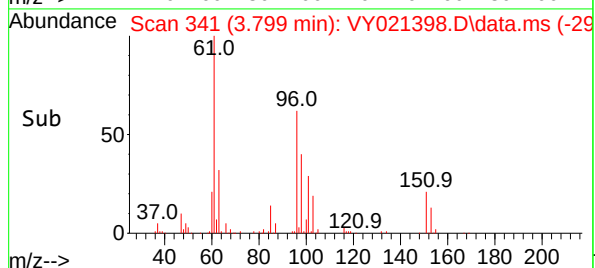
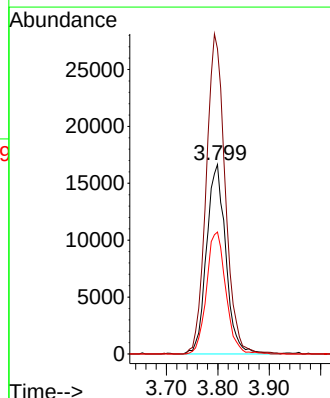
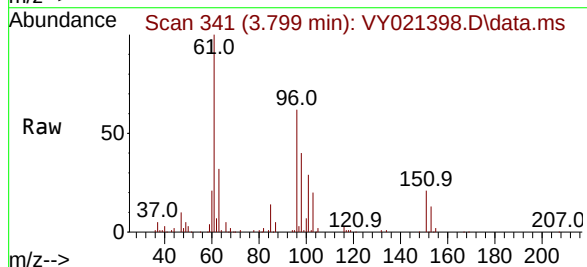
Tgt Ion: 96 Resp: 43203

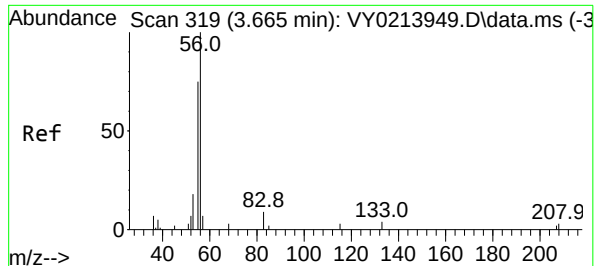
Ion Ratio Lower Upper

96 100

61 161.1 135.2 202.8

98 64.4 51.4 77.2





#13

Acrolein

Concen: 160.575 ug/l

RT: 3.659 min Scan# 319

Delta R.T. -0.006 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 20250

Ion Ratio Lower Upper

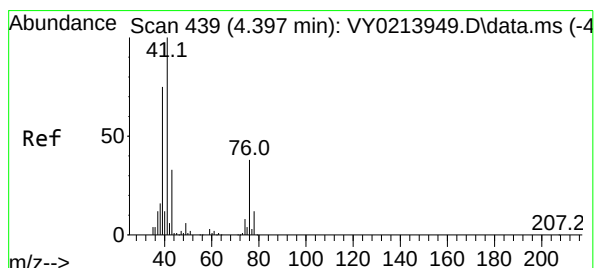
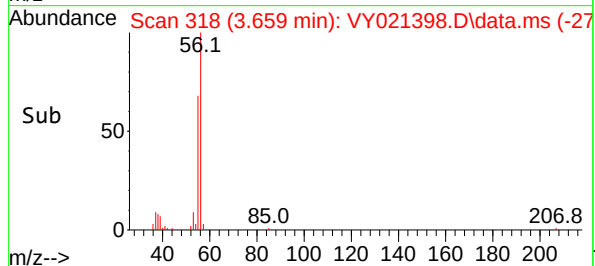
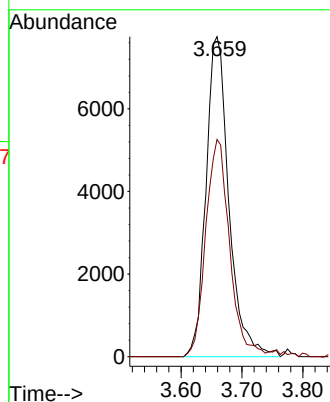
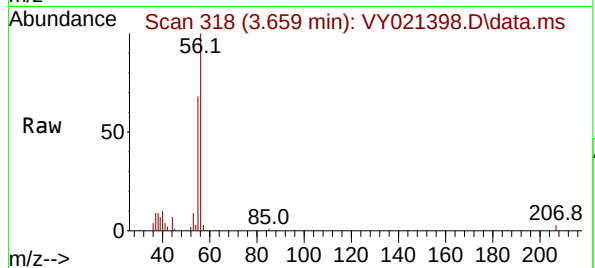
56 100

55 70.4 63.4 95.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#14

Allyl chloride

Concen: 17.935 ug/l

RT: 4.397 min Scan# 439

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

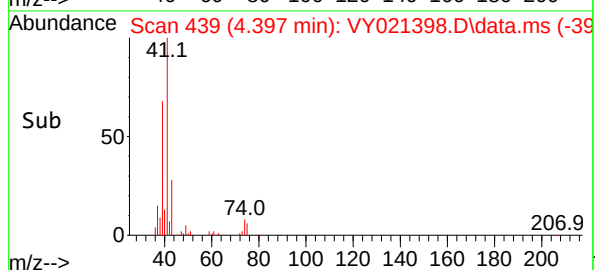
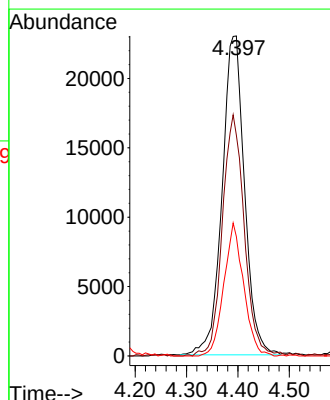
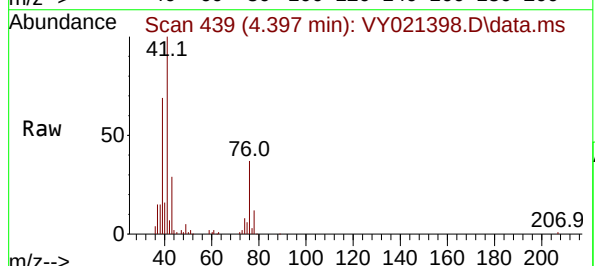
Tgt Ion: 41 Resp: 69859

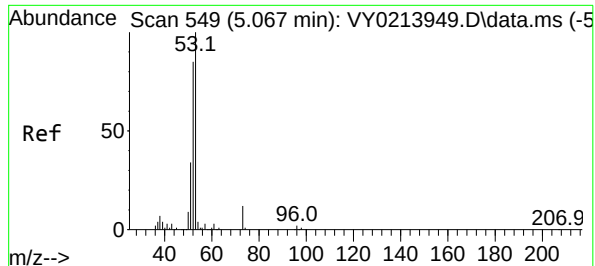
Ion Ratio Lower Upper

41 100

39 73.8 59.3 88.9

76 36.7 29.8 44.8





#15

Acrylonitrile

Concen: 90.413 ug/l

RT: 5.067 min Scan# 549

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

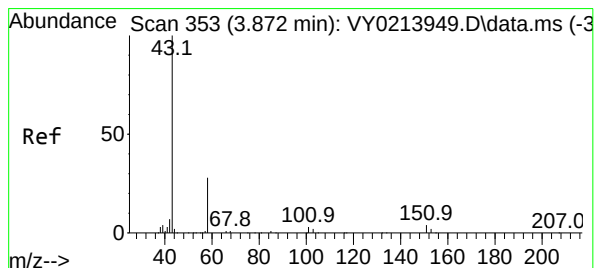
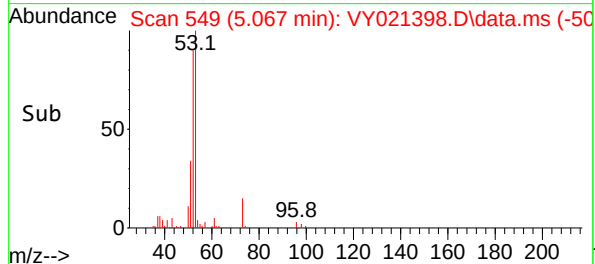
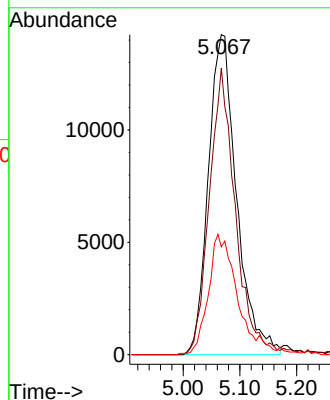
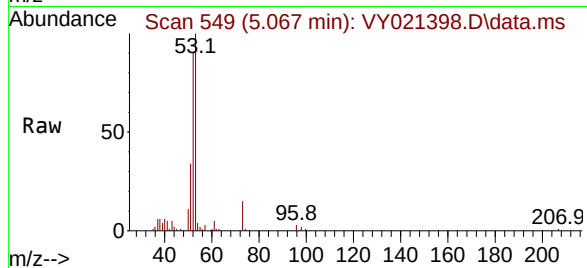
VSTDICC020

Tgt Ion: 53	Resp: 49390
Ion Ratio	Lower Upper
53 100	
52 82.0	66.3 99.5
51 38.6	30.3 45.5

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#16

Acetone

Concen: 79.267 ug/l

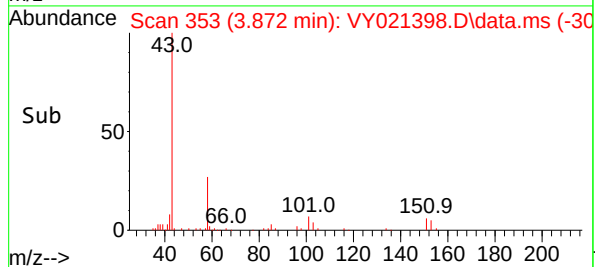
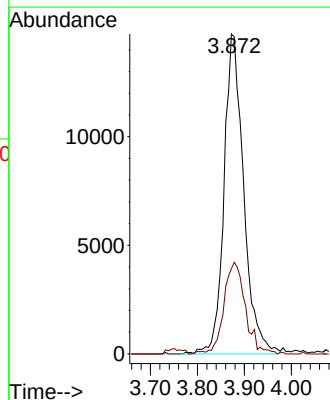
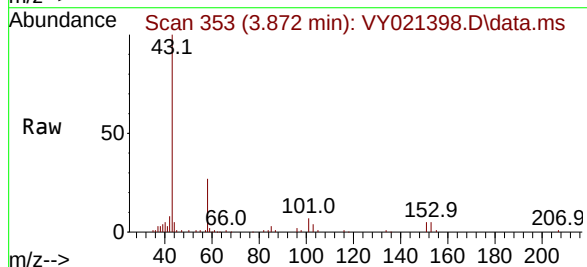
RT: 3.872 min Scan# 353

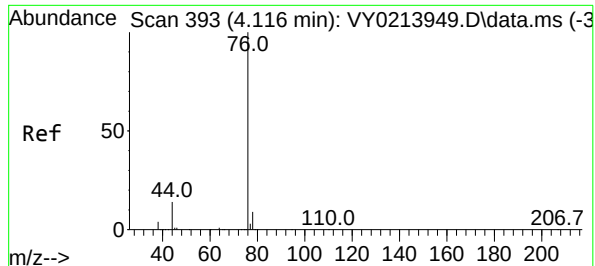
Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Tgt Ion: 43	Resp: 42878
Ion Ratio	Lower Upper
43 100	
58 26.1	22.1 33.1





#17

Carbon Disulfide

Concen: 17.710 ug/l

RT: 4.110 min Scan# 393

Delta R.T. -0.006 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 13378

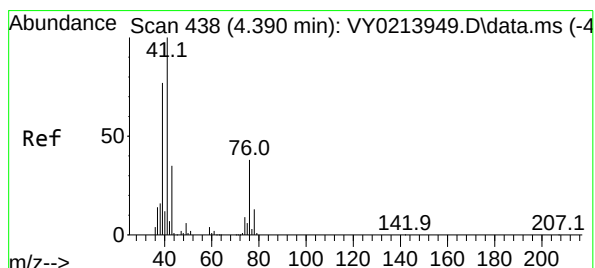
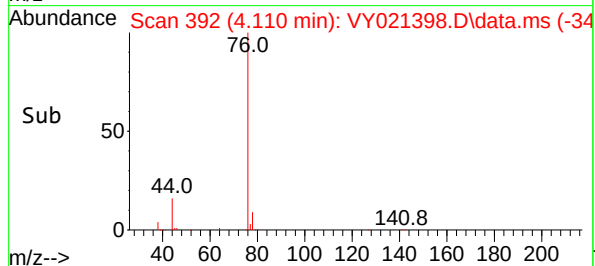
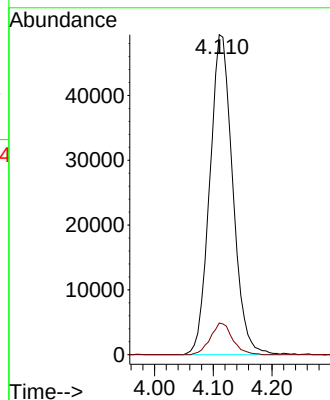
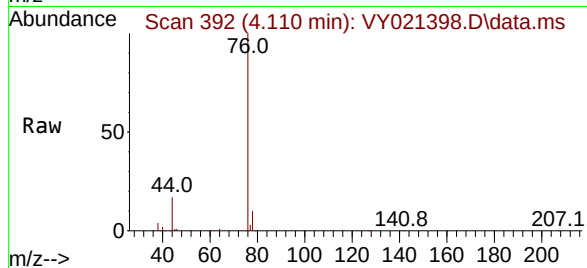
Ion Ratio Lower Upper

76 100

78 9.9 7.4 11.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#18

Methyl Acetate

Concen: 17.780 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.000 min

Lab File: VY021398.D

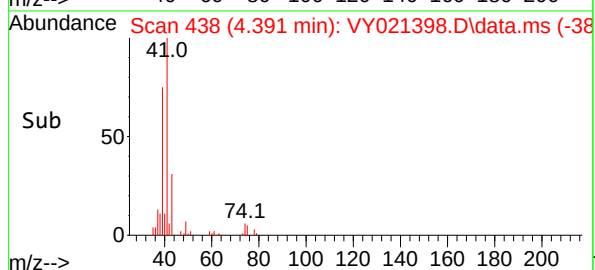
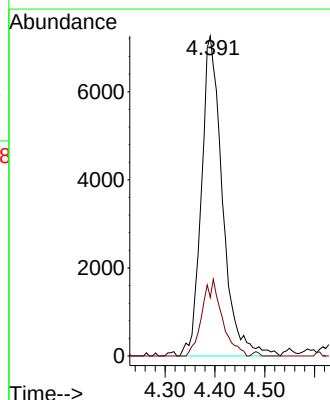
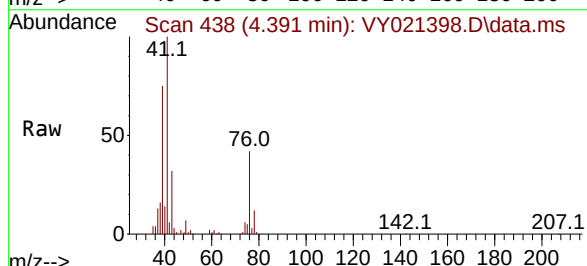
Acq: 04 Mar 2025 10:09

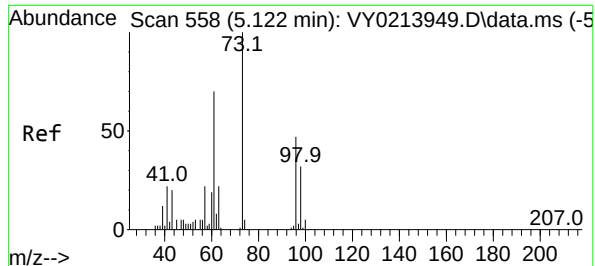
Tgt Ion: 43 Resp: 21340

Ion Ratio Lower Upper

43 100

74 22.8 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 18.085 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 73 Resp: 11048

Ion Ratio Lower Upper

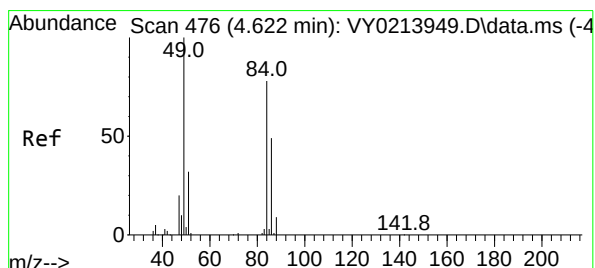
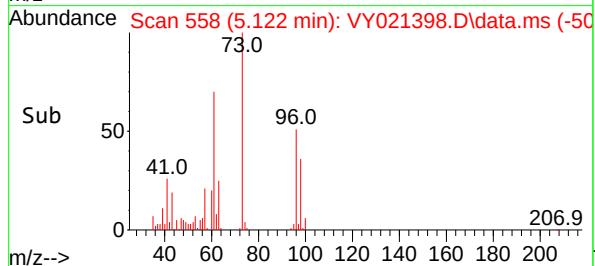
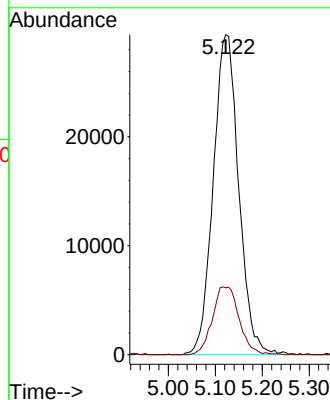
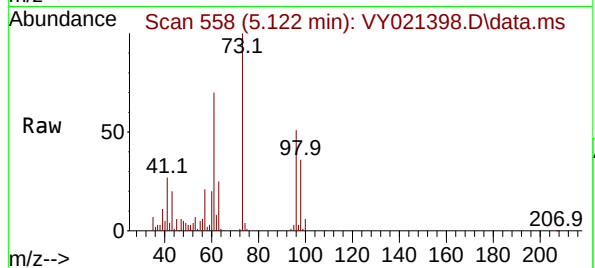
73 100

57 20.9 17.9 26.9

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#20

Methylene Chloride

Concen: 17.772 ug/l

RT: 4.628 min Scan# 477

Delta R.T. 0.006 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Tgt Ion: 84 Resp: 50462

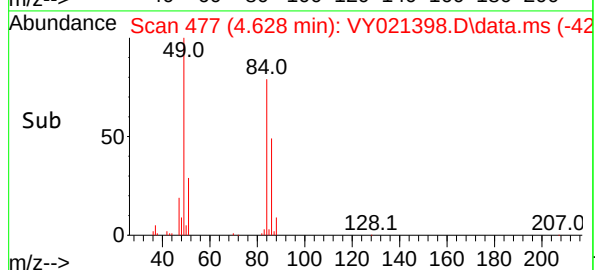
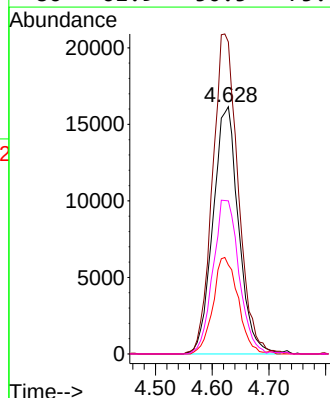
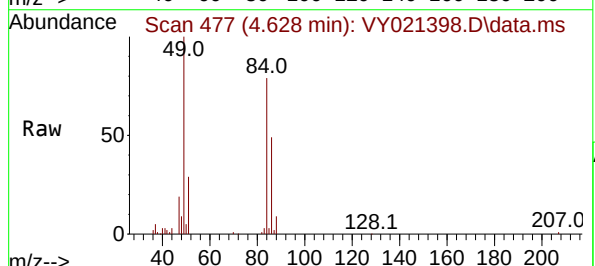
Ion Ratio Lower Upper

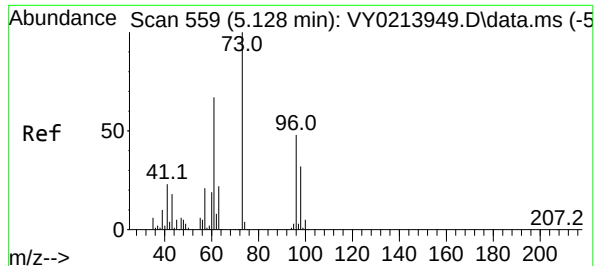
84 100

49 126.3 102.0 153.0

51 36.0 33.0 49.6

86 61.9 50.5 75.7





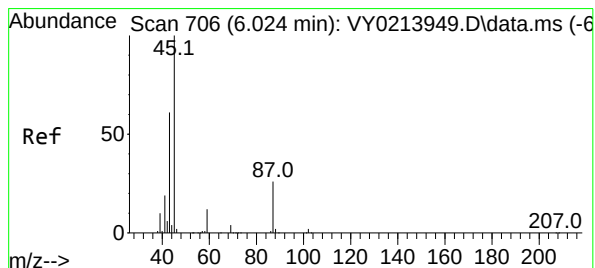
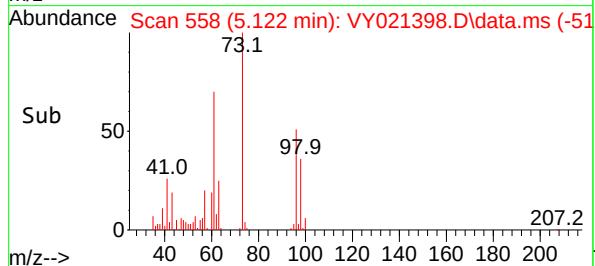
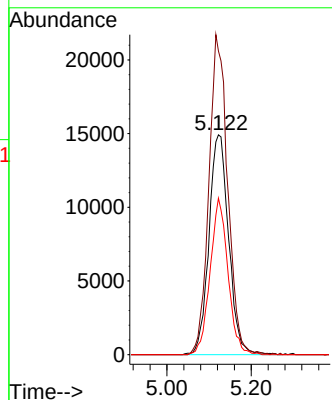
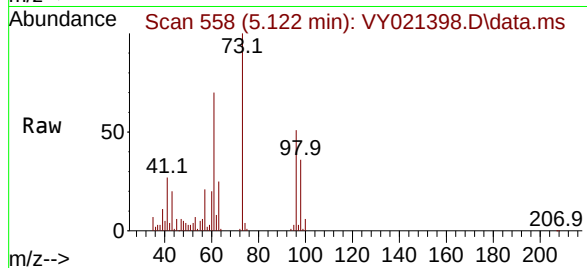
#21
trans-1,2-Dichloroethene
Concen: 17.935 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 96 Resp: 4841
Ion Ratio Lower Upper
96 100
61 138.1 111.5 167.3
98 71.2 53.8 80.8

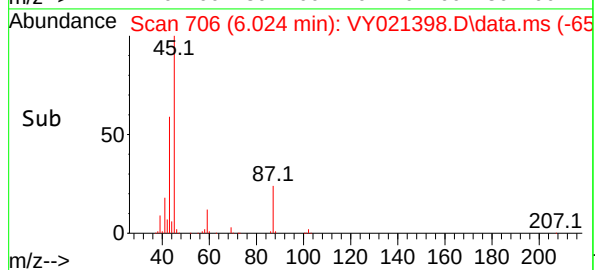
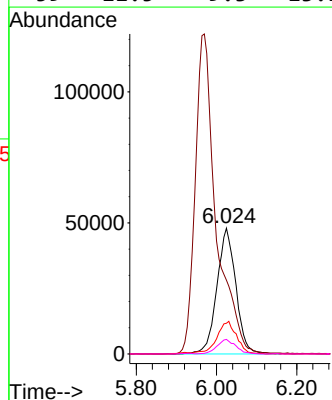
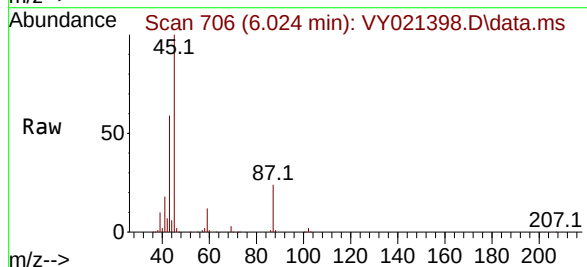
Manual Integrations
APPROVED

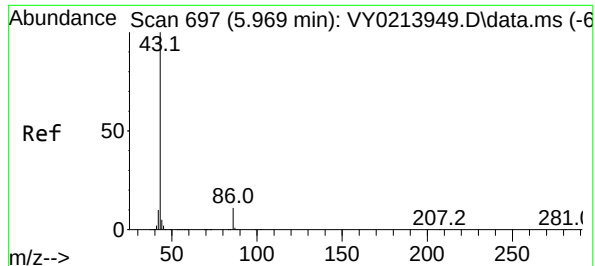
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#22
Diisopropyl ether
Concen: 18.732 ug/l
RT: 6.024 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Tgt Ion: 45 Resp: 157248
Ion Ratio Lower Upper
45 100
43 58.0 48.7 73.1
87 24.4 21.5 32.3
59 11.5 9.3 13.9





#23

Vinyl Acetate

Concen: 91.773 ug/l

RT: 5.970 min Scan# 697

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 43967

Ion Ratio Lower Upper

43

100

86

10.3

8.5

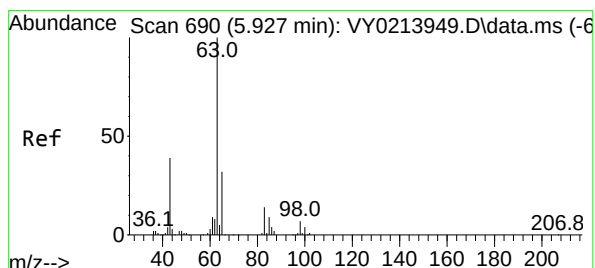
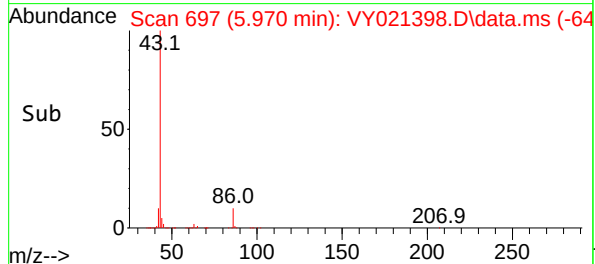
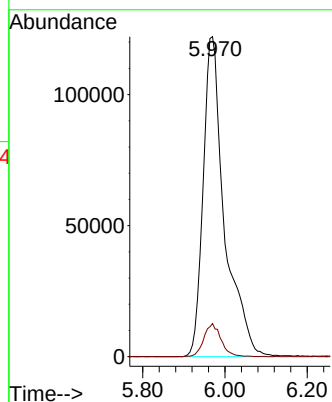
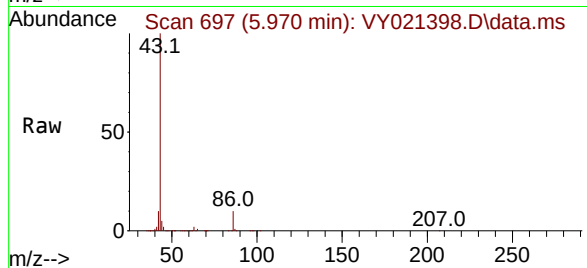
12.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#24

1,1-Dichloroethane

Concen: 18.090 ug/l

RT: 5.921 min Scan# 689

Delta R.T. -0.006 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Tgt Ion: 63 Resp: 89625

Ion Ratio Lower Upper

63

100

98

7.4

3.3

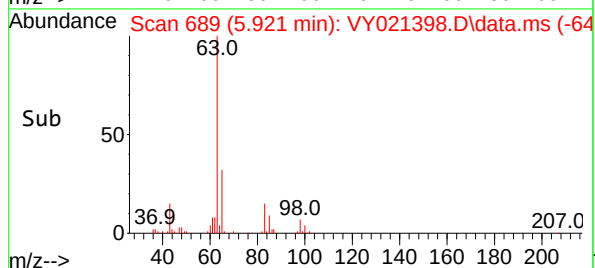
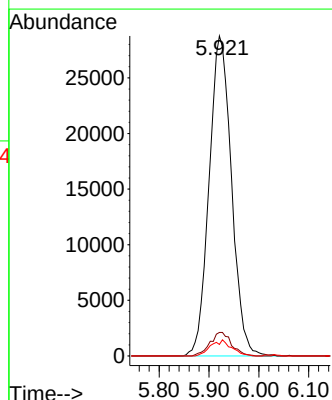
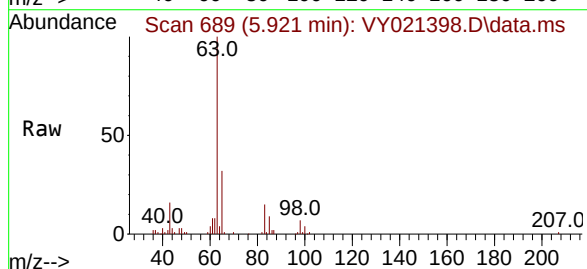
9.9

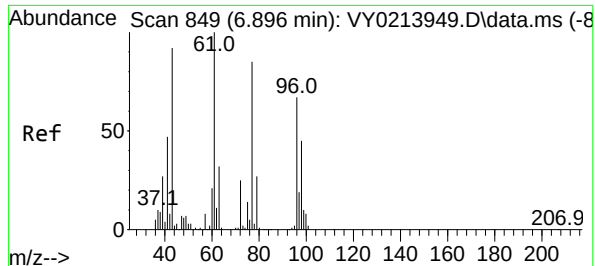
100

3.6

2.1

6.5





#25

2-Butanone

Concen: 85.523 ug/l

RT: 6.902 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 63994

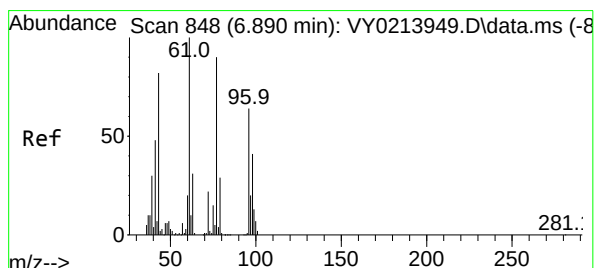
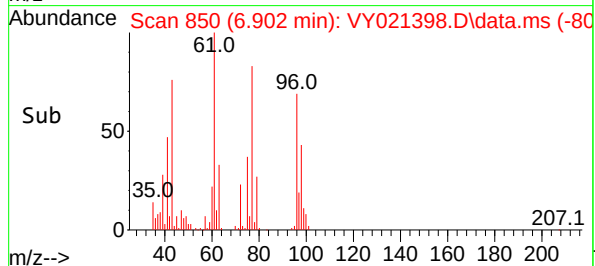
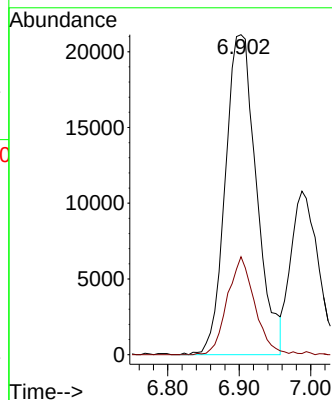
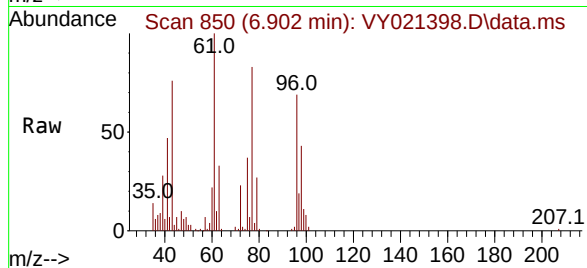
Ion Ratio Lower Upper

43 100

72 30.6 21.4 32.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#26

2,2-Dichloropropane

Concen: 17.702 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021398.D

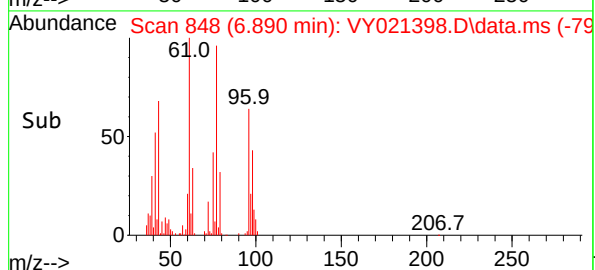
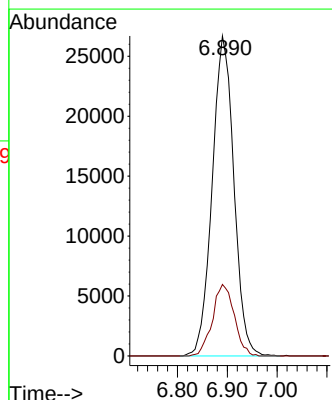
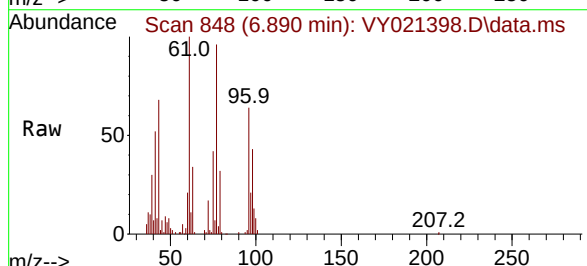
Acq: 04 Mar 2025 10:09

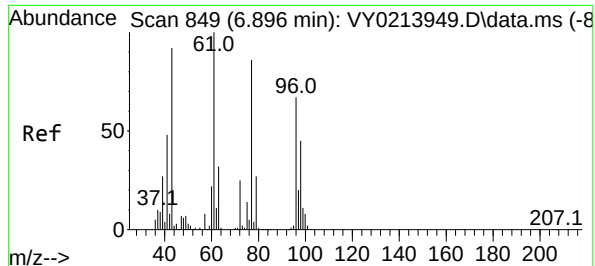
Tgt Ion: 77 Resp: 80697

Ion Ratio Lower Upper

77 100

97 22.4 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 18.130 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

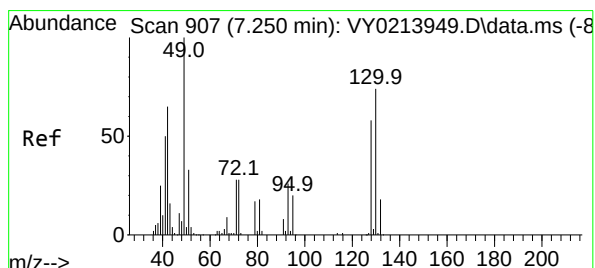
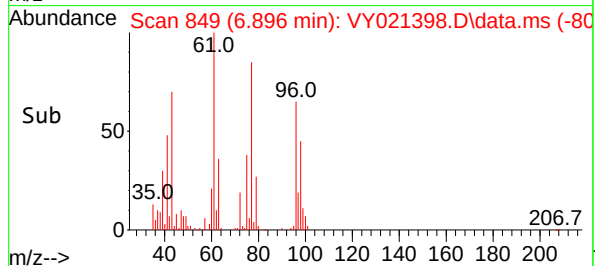
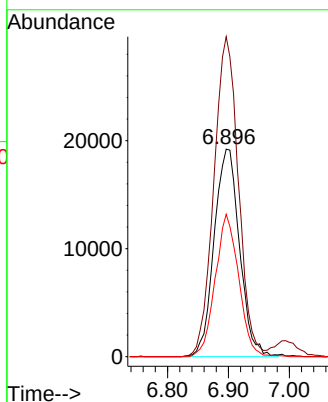
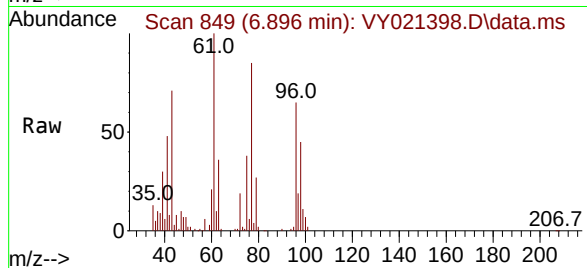
VSTDICC020

Tgt Ion:	96	Resp:	5559
Ion	Ratio	Lower	Upper
96	100		
61	148.8	0.0	300.8
98	63.5	0.0	130.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#28

Bromochloromethane

Concen: 19.118 ug/l

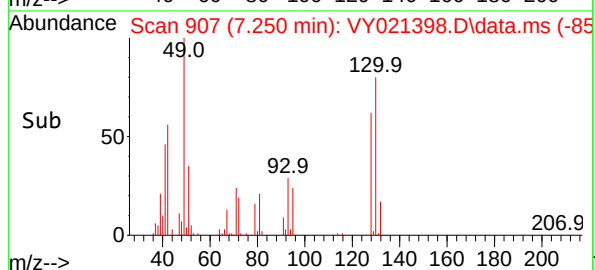
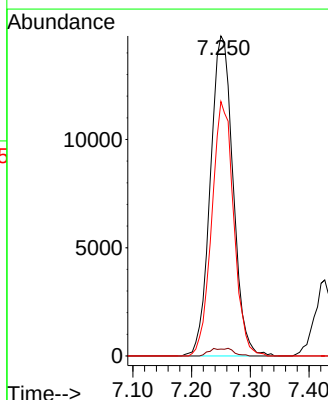
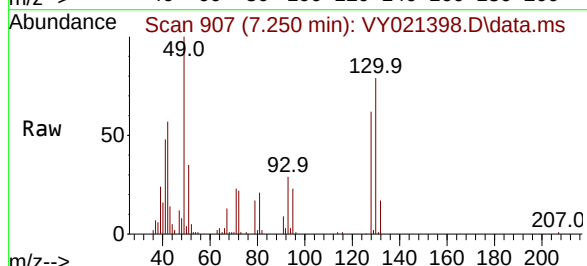
RT: 7.250 min Scan# 907

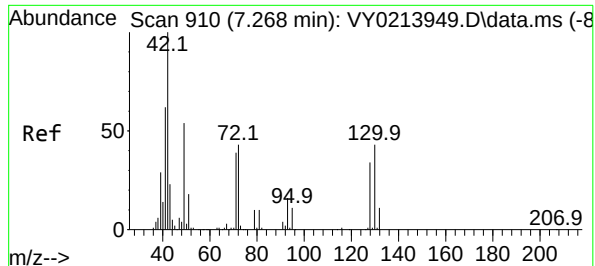
Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Tgt Ion:	49	Resp:	39711
Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.2
130	76.6	59.6	89.4





#29

Tetrahydrofuran

Concen: 90.885 ug/l

RT: 7.274 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

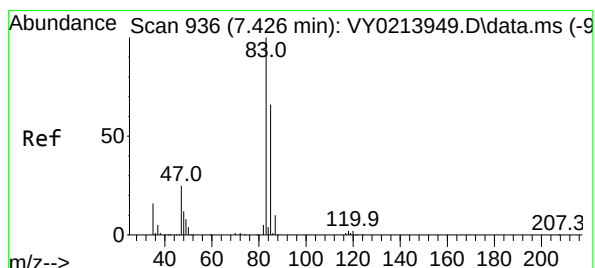
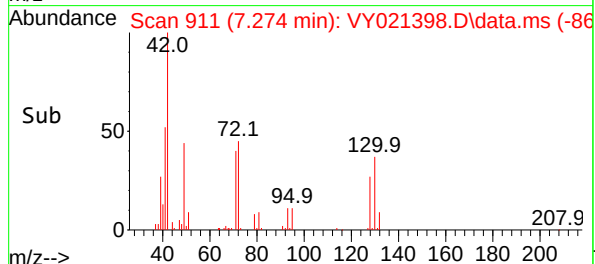
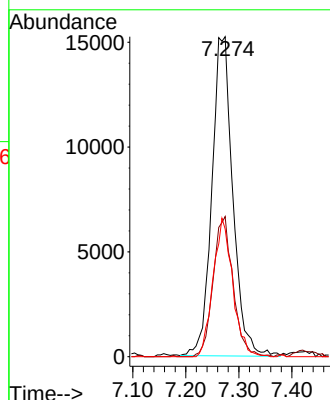
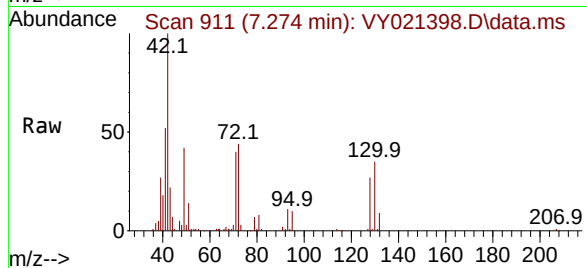
VSTDICC020

Tgt Ion:	42	Resp:	41984
Ion Ratio	Lower	Upper	
42	100		
72	41.7	34.8	52.2
71	40.4	32.6	48.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#30

Chloroform

Concen: 18.092 ug/l

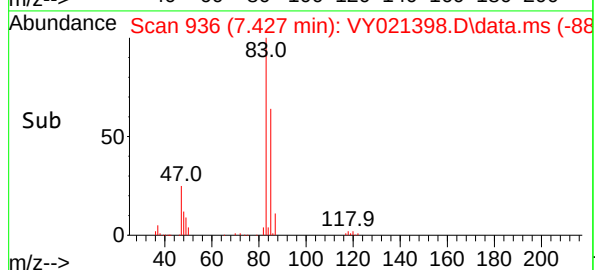
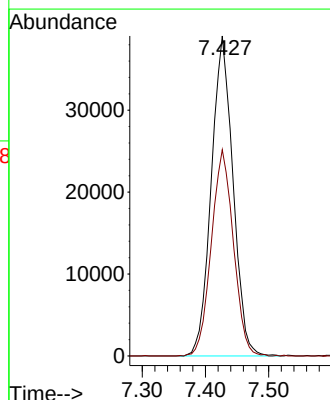
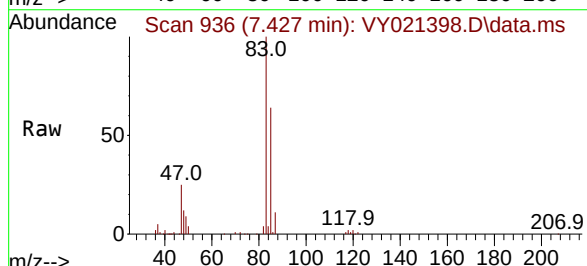
RT: 7.427 min Scan# 936

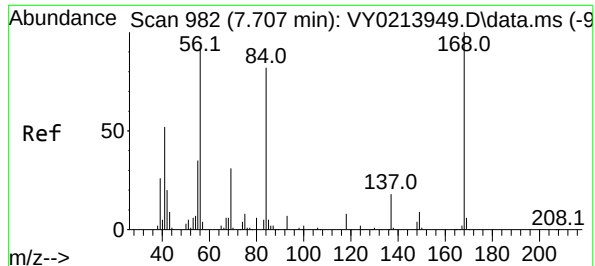
Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Tgt Ion:	83	Resp:	93077
Ion Ratio	Lower	Upper	
83	100		
85	64.4	53.1	79.7





#31

Cyclohexane

Concen: 17.884 ug/l

RT: 7.707 min Scan# 982

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

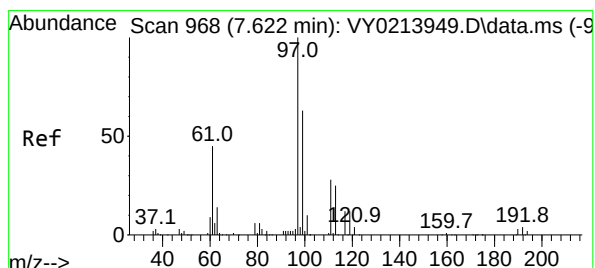
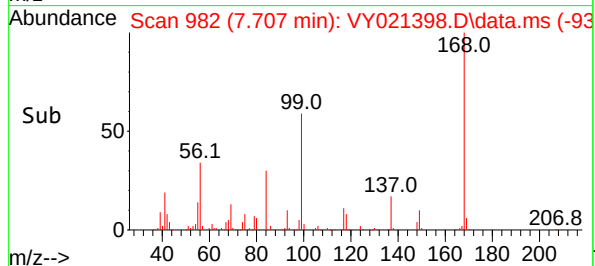
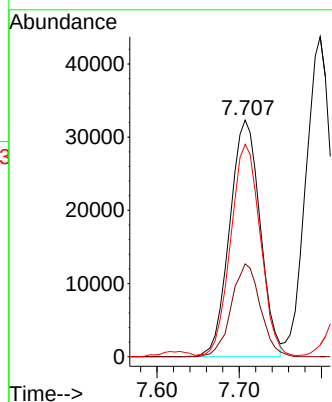
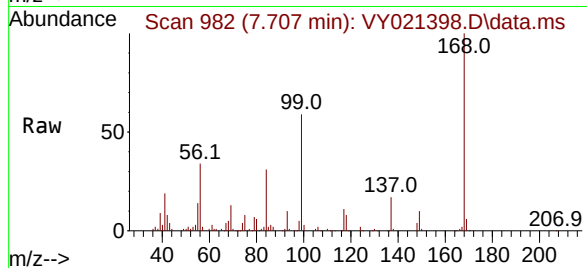
VSTDICC020

Tgt Ion:	56	Resp:	8306
Ion	Ratio	Lower	Upper
56	100		
69	39.2	27.0	40.4
84	87.2	71.1	106.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#32

1,1,1-Trichloroethane

Concen: 17.807 ug/l

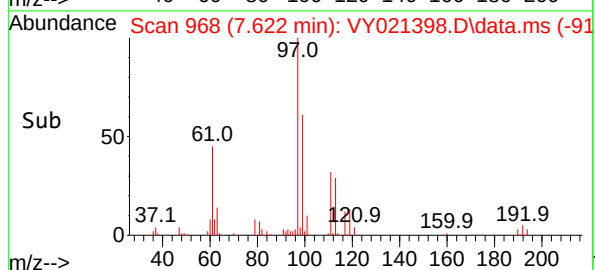
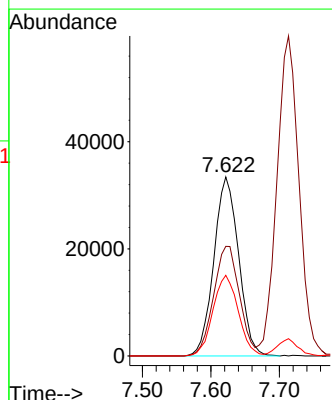
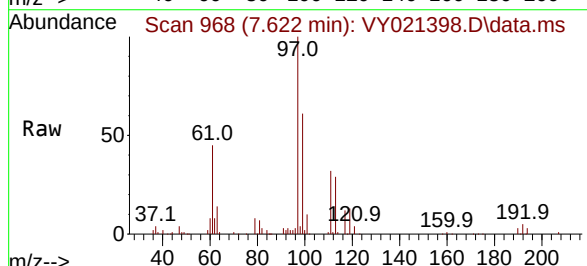
RT: 7.622 min Scan# 968

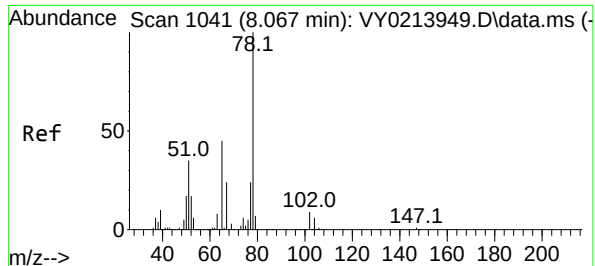
Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Tgt Ion:	97	Resp:	83884
Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.7	77.5
61	46.0	35.7	53.5





#33

1,2-Dichloroethane-d4

Concen: 19.468 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 4828

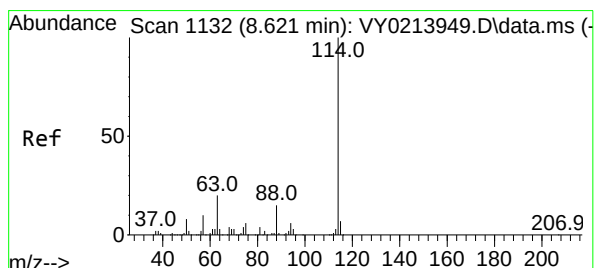
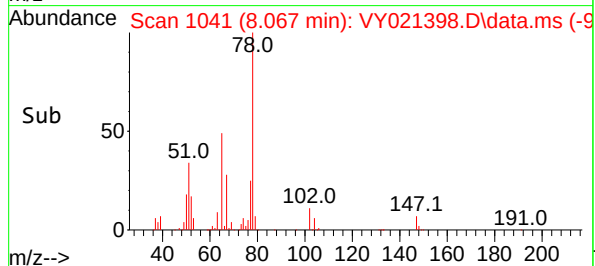
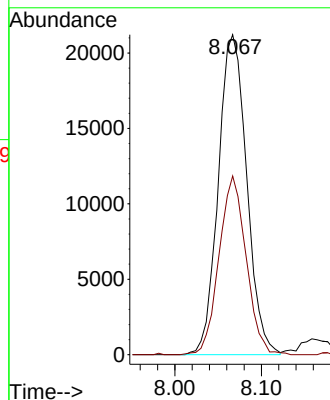
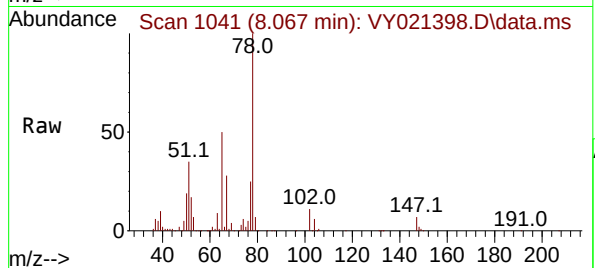
Ion Ratio Lower Upper

65 100

67 53.3 0.0 102.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

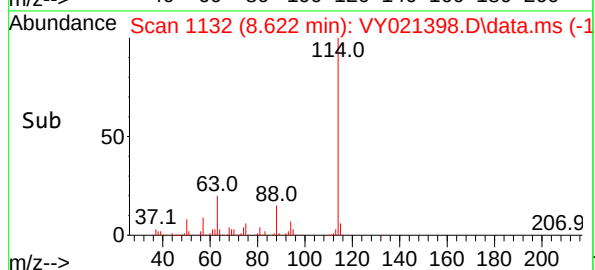
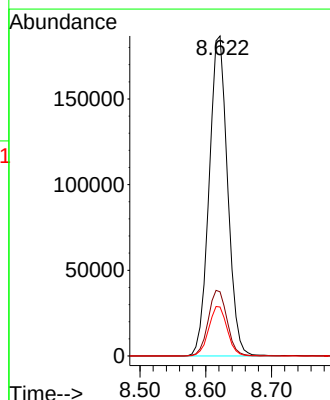
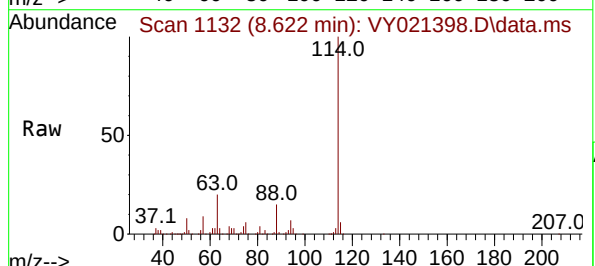
Tgt Ion:114 Resp: 364702

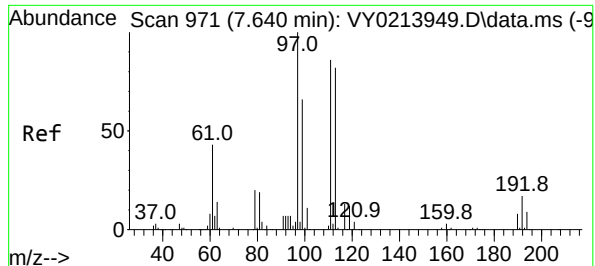
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.8

88 15.3 0.0 30.8





#35

Dibromofluoromethane

Concen: 19.149 ug/l

RT: 7.640 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion:113 Resp: 45904

Ion Ratio Lower Upper

113 100

111 101.2 82.0 123.0

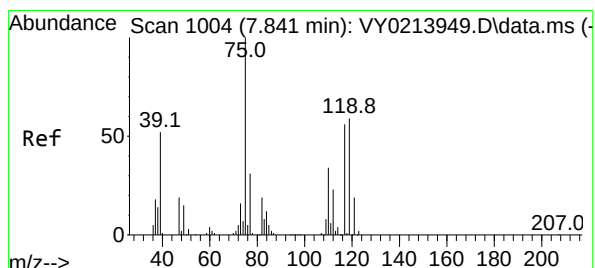
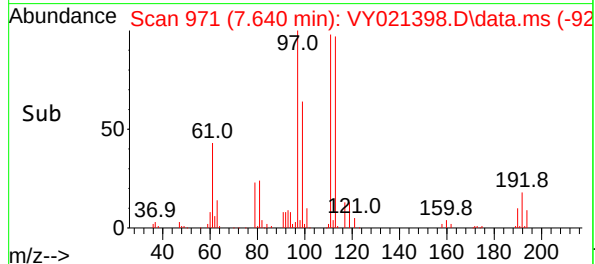
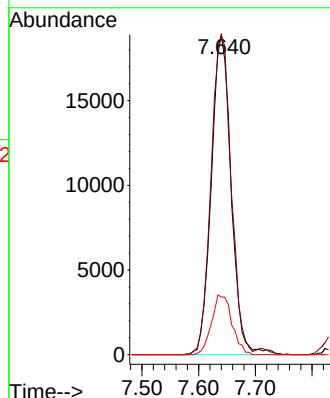
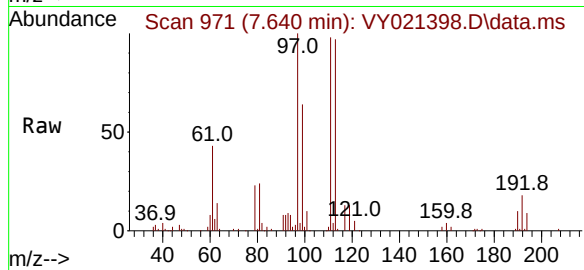
192 19.2 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#36

1,1-Dichloropropene

Concen: 17.972 ug/l

RT: 7.841 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

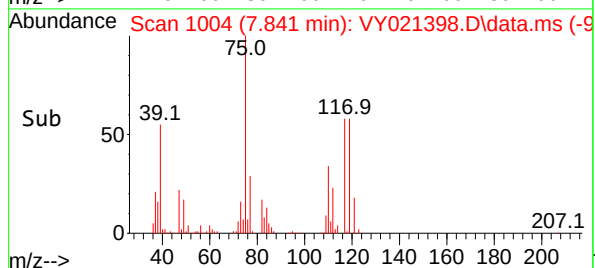
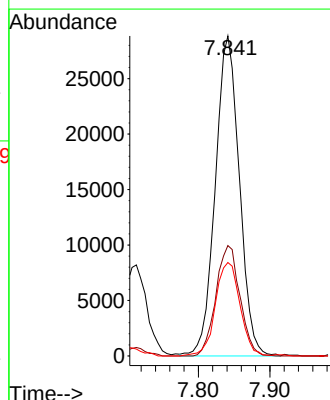
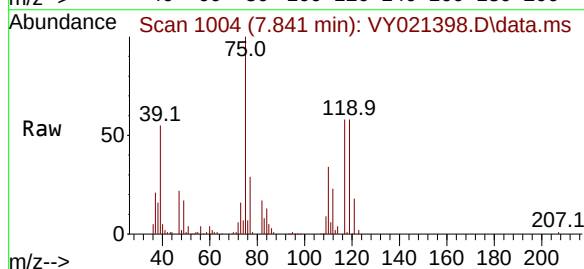
Tgt Ion: 75 Resp: 67437

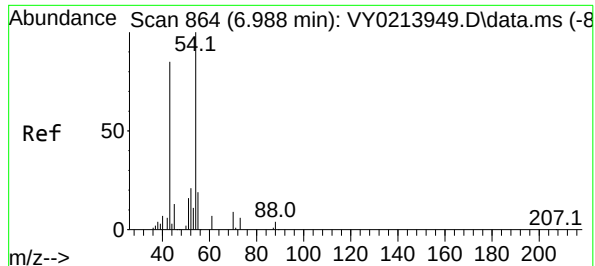
Ion Ratio Lower Upper

75 100

110 34.3 17.3 51.7

77 29.9 25.4 38.2





#37

Ethyl Acetate

Concen: 17.733 ug/l m

RT: 6.988 min Scan# 864

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

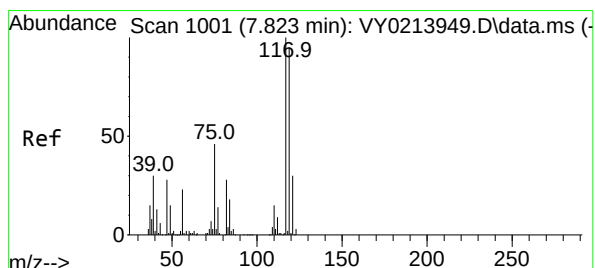
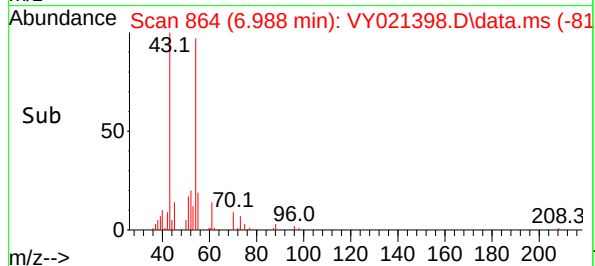
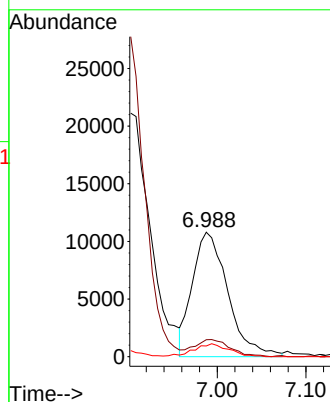
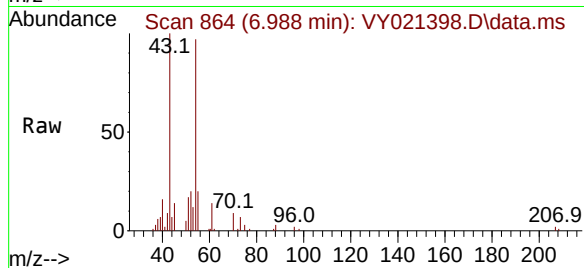
VSTDIC020

Tgt Ion:	43	Resp:	3001
Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.4	17.0
70	10.3	8.2	12.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#38

Carbon Tetrachloride

Concen: 18.176 ug/l

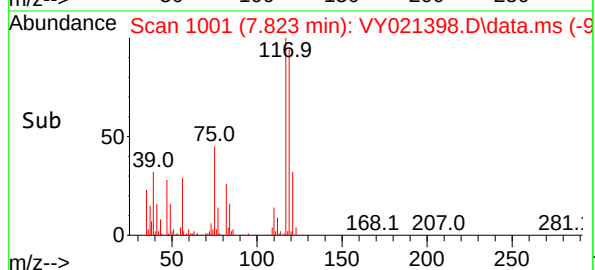
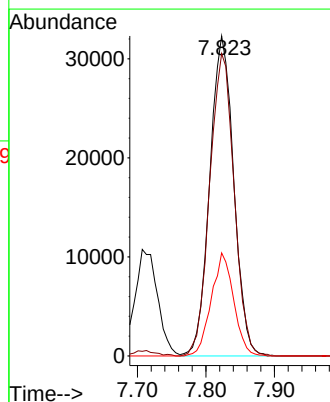
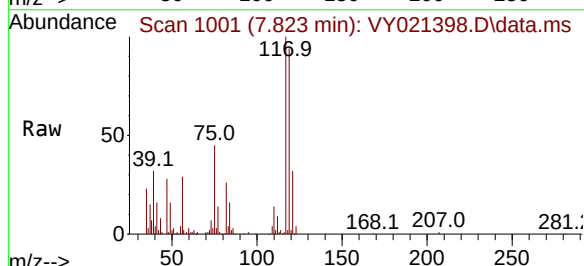
RT: 7.823 min Scan# 1001

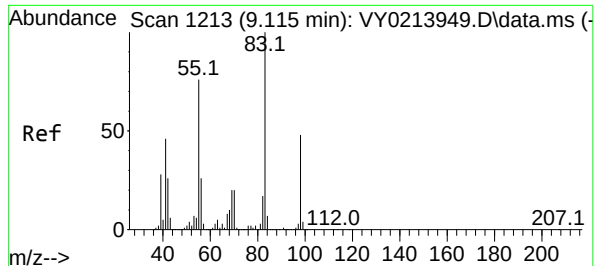
Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Tgt Ion:	117	Resp:	78440
Ion	Ratio	Lower	Upper
117	100		
119	94.5	75.8	113.8
121	32.2	23.9	35.9





#39

Methylcyclohexane

Concen: 17.422 ug/l

RT: 9.115 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

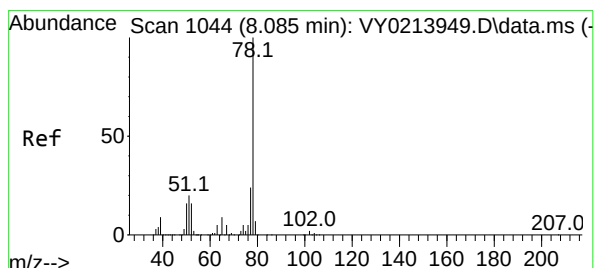
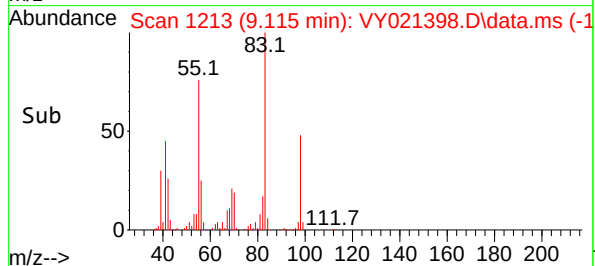
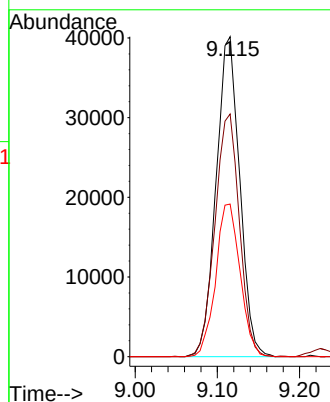
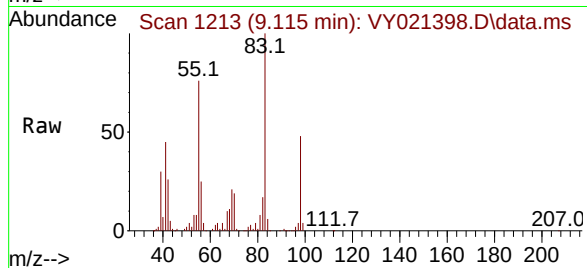
VSTDIC020

Tgt Ion:	83	Resp:	8019
Ion	Ratio	Lower	Upper
83	100		
55	75.9	60.7	91.1
98	47.7	38.6	57.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#40

Benzene

Concen: 18.027 ug/l

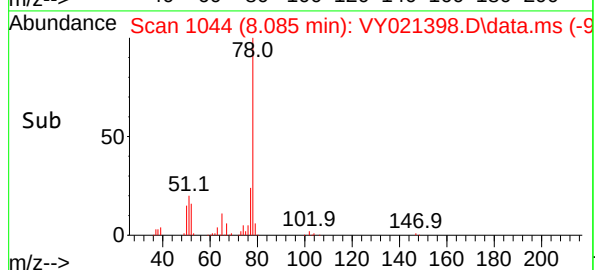
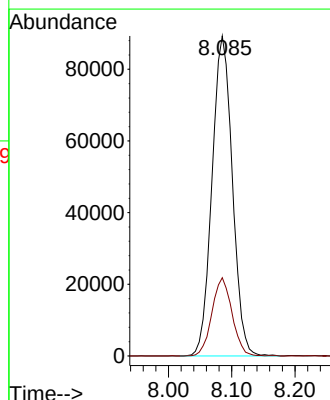
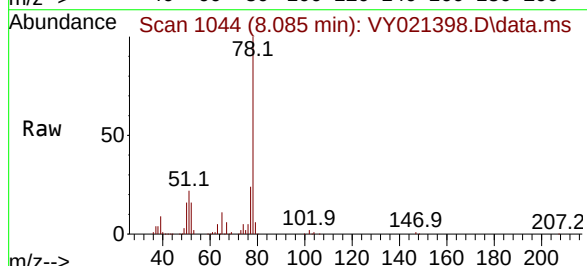
RT: 8.085 min Scan# 1044

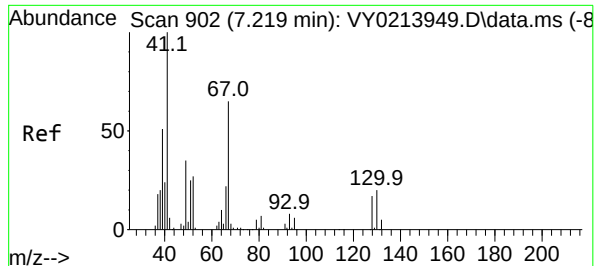
Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Tgt Ion:	78	Resp:	199273
Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.0	28.4





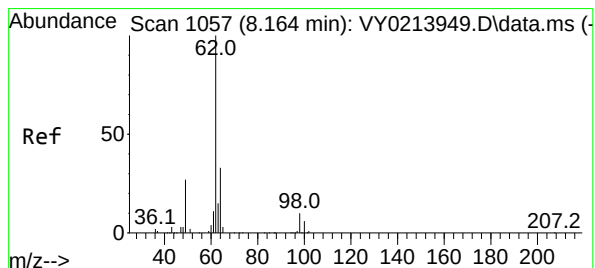
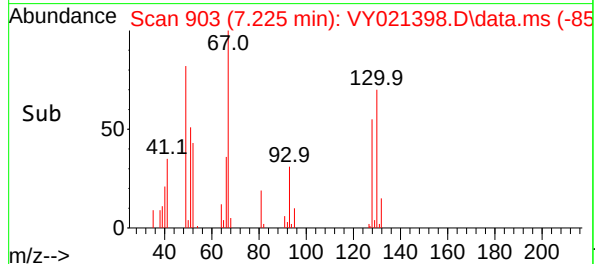
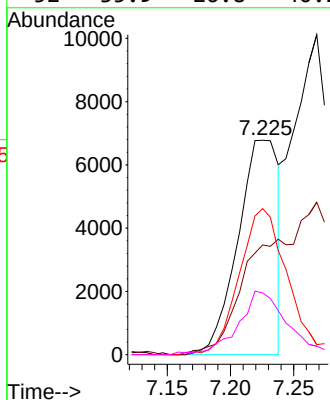
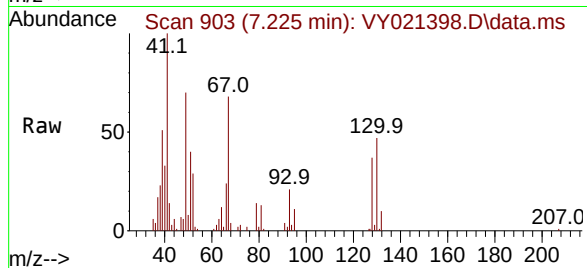
#41
Methacrylonitrile
Concen: 16.416 ug/l
RT: 7.225 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 41 Resp: 1513
Ion Ratio Lower Upper
41 100
39 0.0 35.0 52.6
67 81.9 61.2 91.8
52 35.9 26.8 40.2

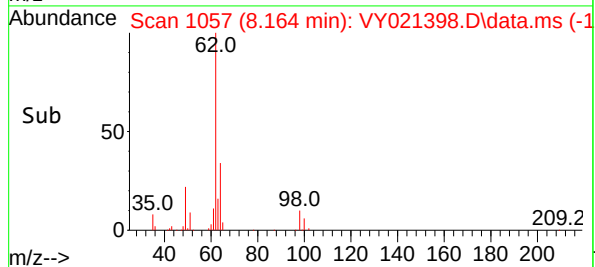
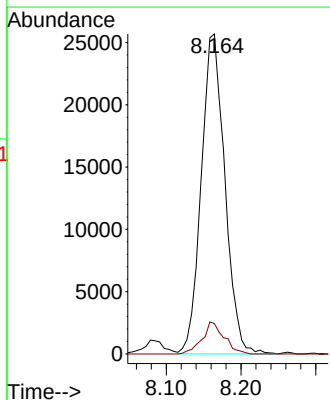
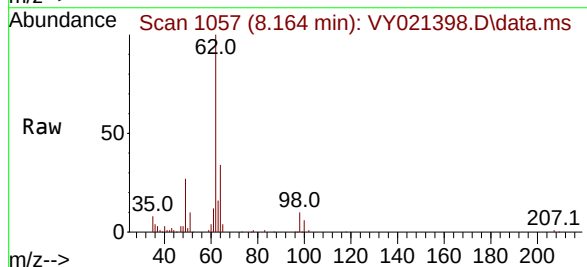
Manual Integrations
APPROVED

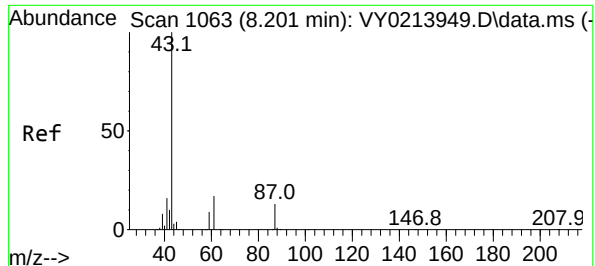
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#42
1,2-Dichloroethane
Concen: 18.224 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Tgt Ion: 62 Resp: 56356
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.2





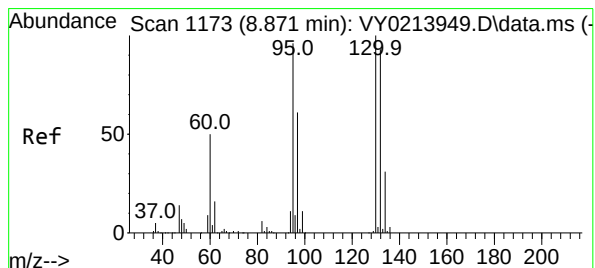
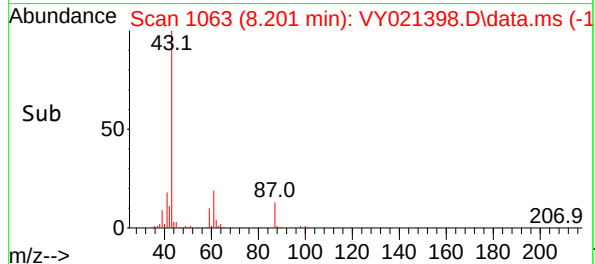
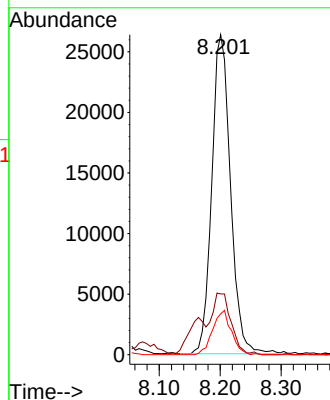
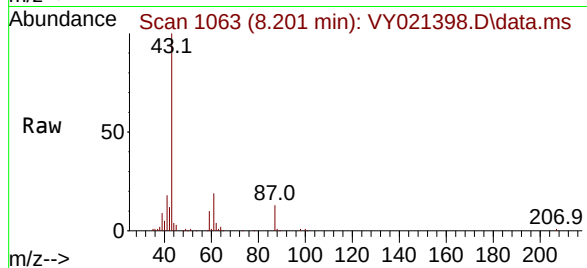
#43
Isopropyl Acetate
Concen: 17.474 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 56260
Ion Ratio Lower Upper
43 100
61 19.8 23.4 35.0
87 13.8 10.5 15.7

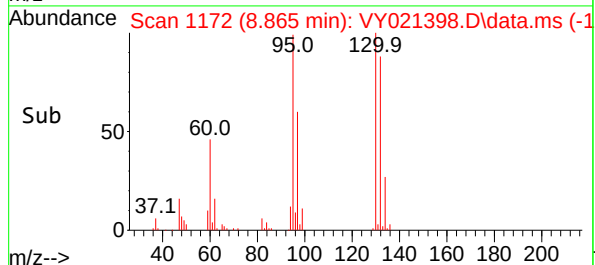
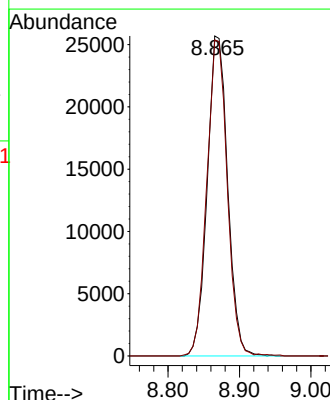
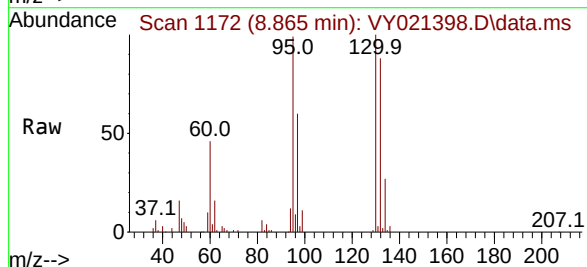
Manual Integrations
APPROVED

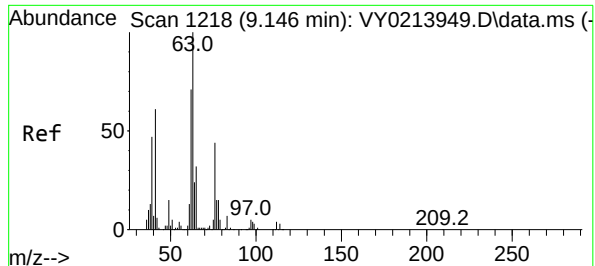
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#44
Trichloroethene
Concen: 18.244 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Tgt Ion:130 Resp: 50961
Ion Ratio Lower Upper
130 100
95 98.8 0.0 191.6





#45

1,2-Dichloropropane

Concen: 18.460 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 4856

Ion Ratio Lower Upper

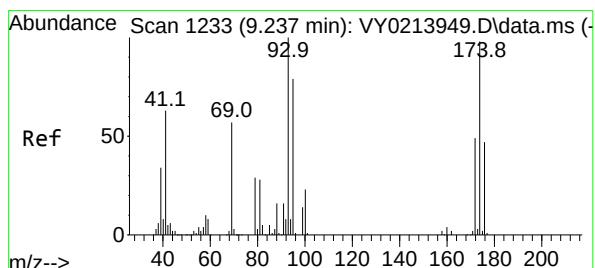
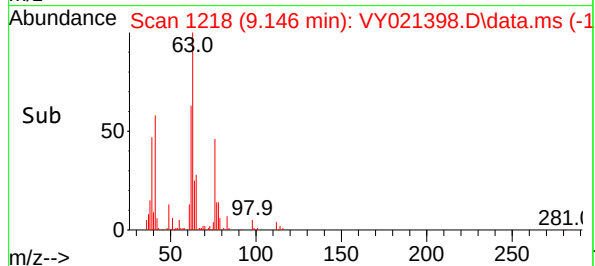
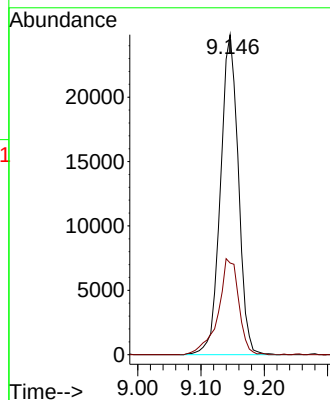
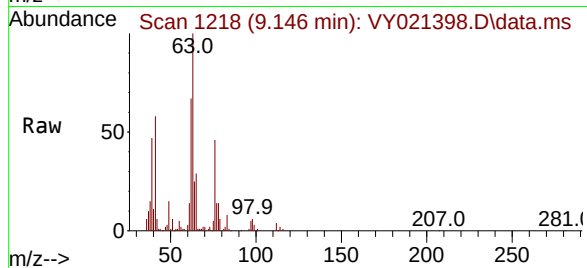
63 100

65 28.6 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#46

Dibromomethane

Concen: 18.426 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

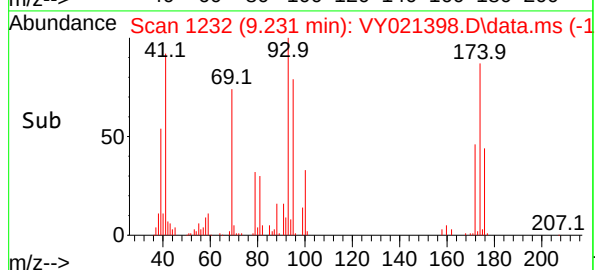
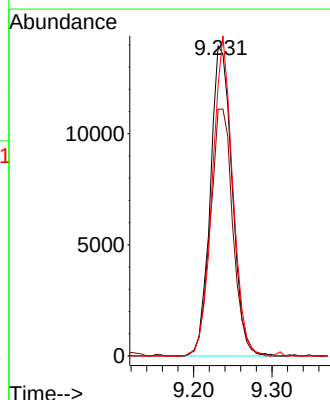
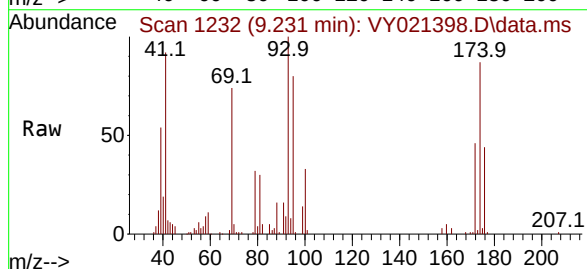
Tgt Ion: 93 Resp: 26972

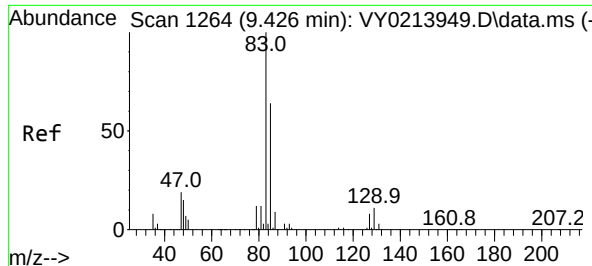
Ion Ratio Lower Upper

93 100

95 82.5 65.8 98.8

174 96.4 77.9 116.9





#47

Bromodichloromethane

Concen: 18.205 ug/l

RT: 9.426 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

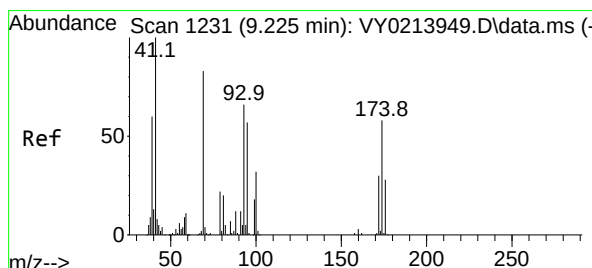
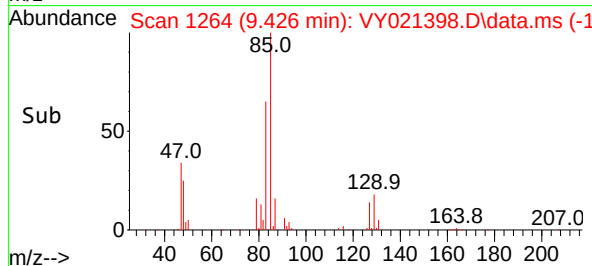
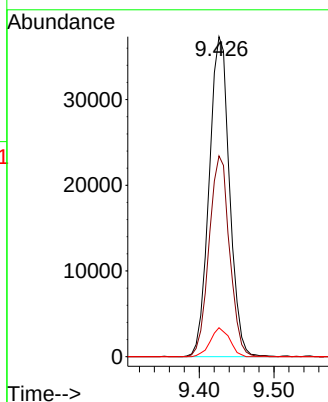
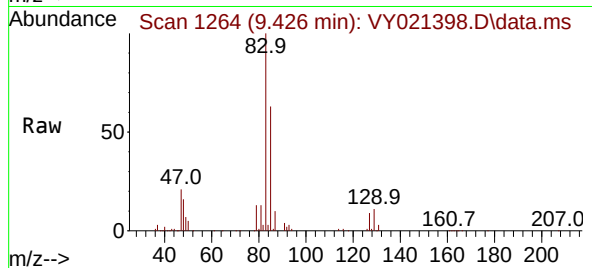
VSTDIC020

Tgt Ion:	83	Resp:	70770
Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.1	76.7
127	9.0	6.7	10.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#48

Methyl methacrylate

Concen: 17.976 ug/l

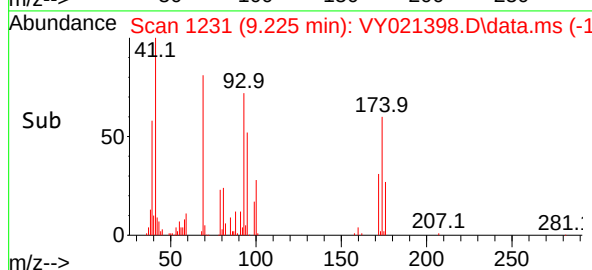
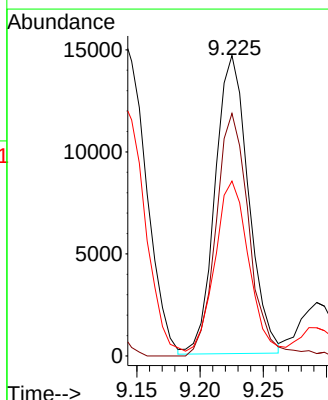
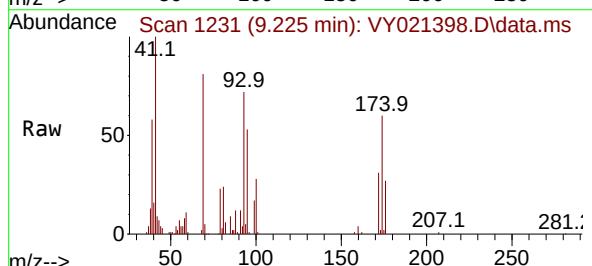
RT: 9.225 min Scan# 1231

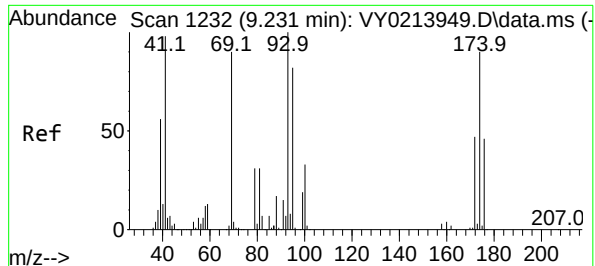
Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Tgt Ion:	41	Resp:	26835
Ion	Ratio	Lower	Upper
41	100		
69	80.9	67.8	101.8
39	59.0	46.4	69.6





#49

1,4-Dioxane

Concen: 379.181 ug/l

RT: 9.237 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 88 Resp: 544

Ion Ratio Lower Upper

88 100

43 36.7 25.0 37.4

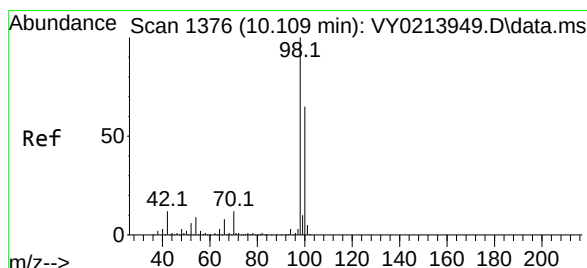
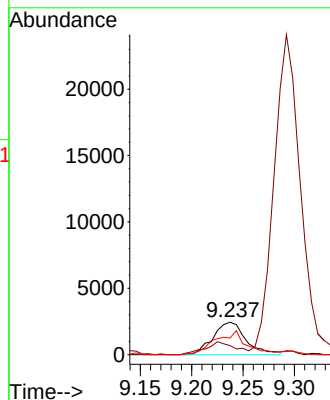
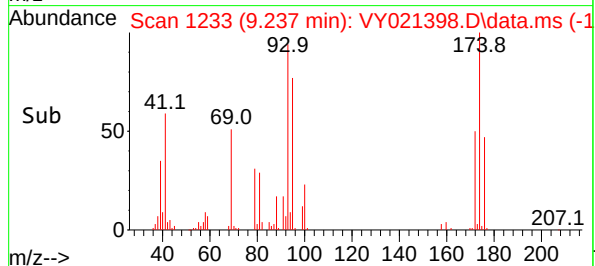
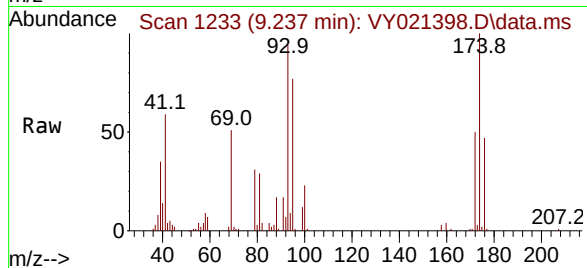
58 69.5 58.4 87.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#50

Toluene-d8

Concen: 18.951 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021398.D

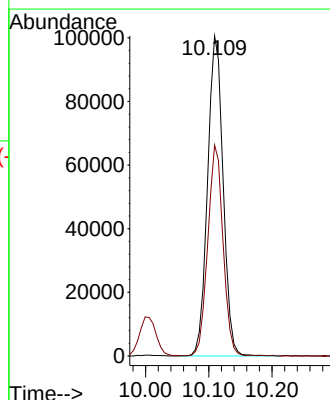
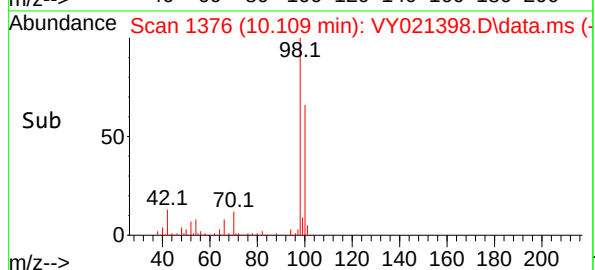
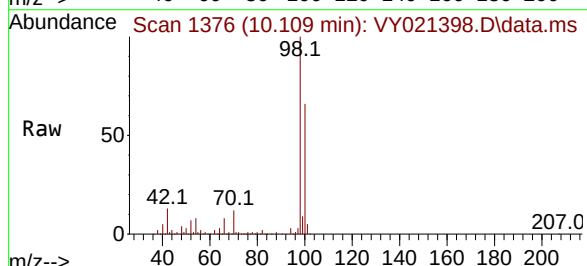
Acq: 04 Mar 2025 10:09

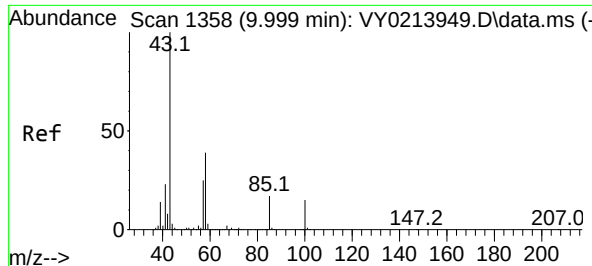
Tgt Ion: 98 Resp: 172011

Ion Ratio Lower Upper

98 100

100 64.8 52.1 78.1





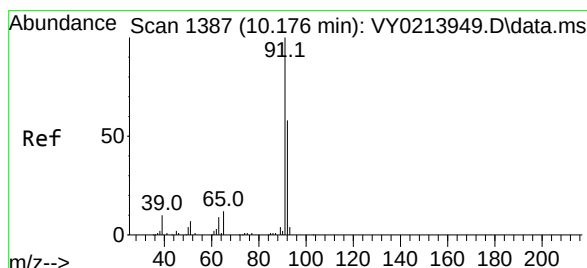
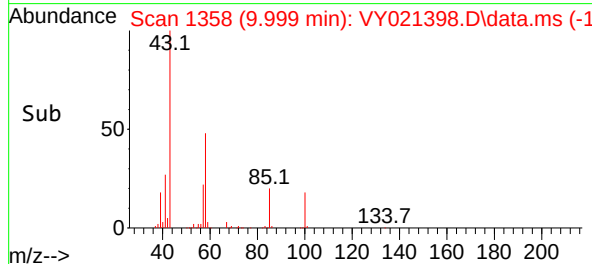
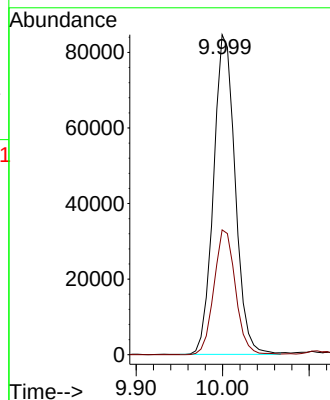
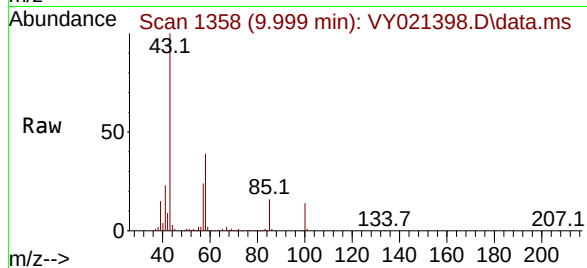
#51
4-Methyl-2-Pentanone
Concen: 88.535 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 147070
Ion Ratio Lower Upper
43 100
58 38.8 31.4 47.2

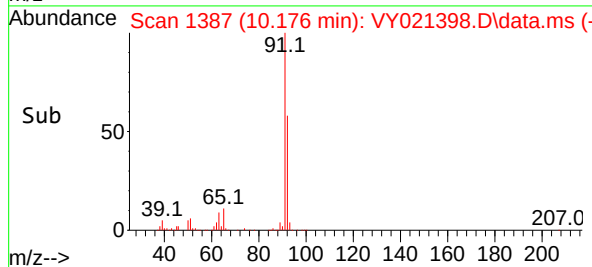
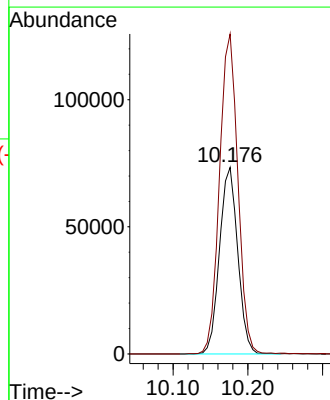
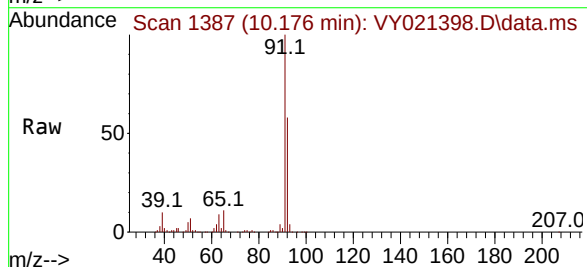
Manual Integrations
APPROVED

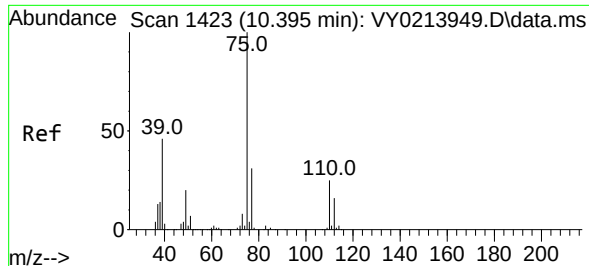
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#52
Toluene
Concen: 17.858 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Tgt Ion: 92 Resp: 124450
Ion Ratio Lower Upper
92 100
91 173.2 138.2 207.2





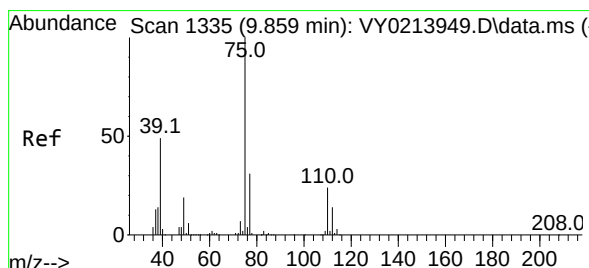
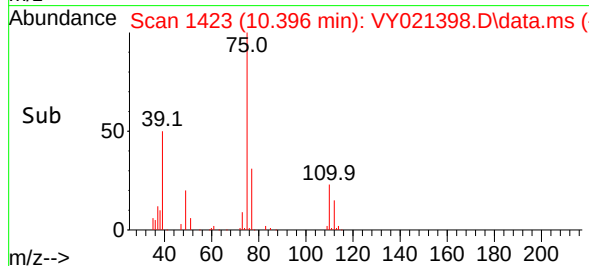
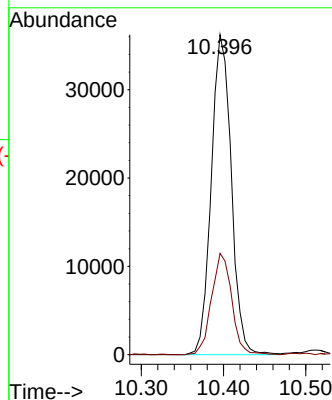
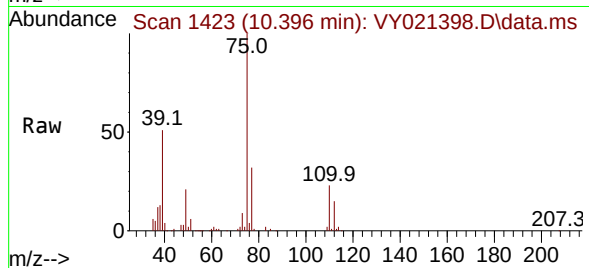
#53
t-1,3-Dichloropropene
Concen: 17.911 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 6134
Ion Ratio Lower Upper
75 100
77 31.7 25.0 37.6

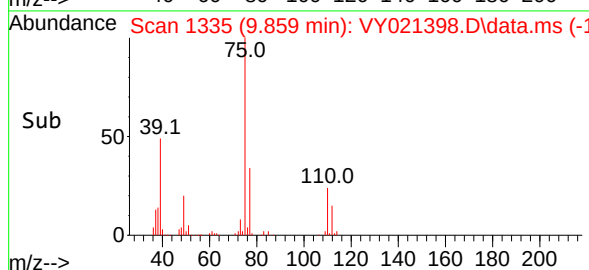
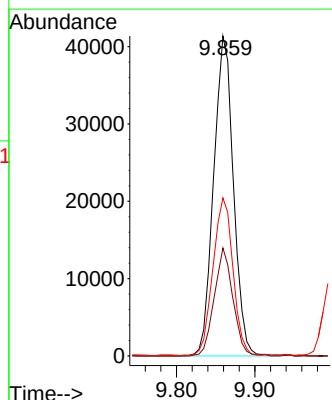
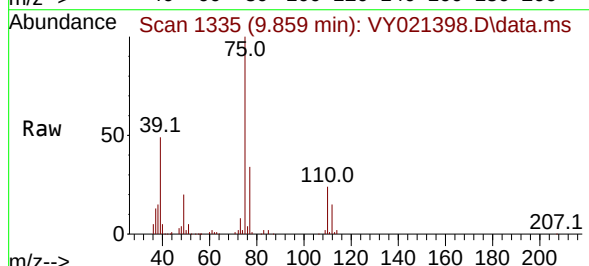
Manual Integrations
APPROVED

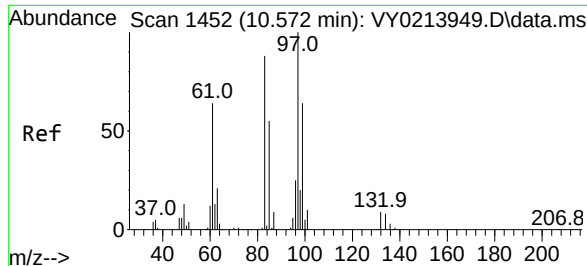
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#54
cis-1,3-Dichloropropene
Concen: 17.873 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Tgt Ion: 75 Resp: 72678
Ion Ratio Lower Upper
75 100
77 33.7 24.6 37.0
39 49.2 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 18.085 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 34630

Ion Ratio Lower Upper

97 100

83 90.7 70.0 105.0

85 54.8 44.3 66.5

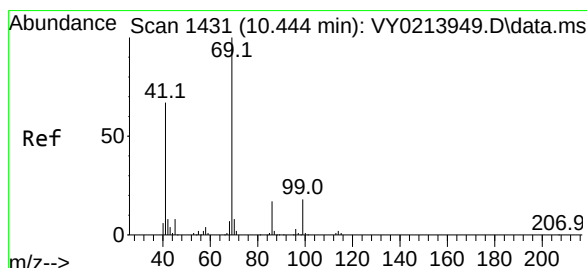
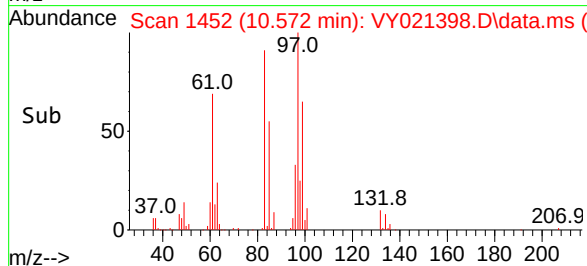
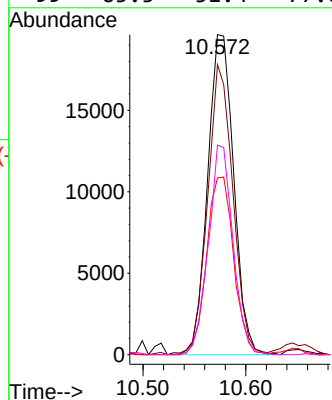
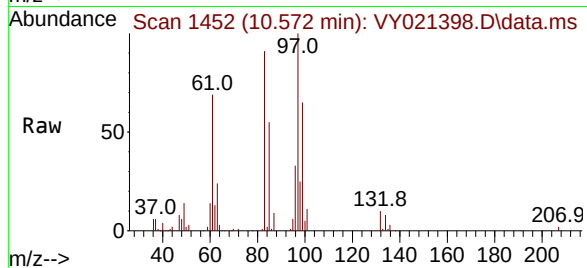
99 65.5 51.4 77.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#56

Ethyl methacrylate

Concen: 17.253 ug/l

RT: 10.444 min Scan# 1431

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

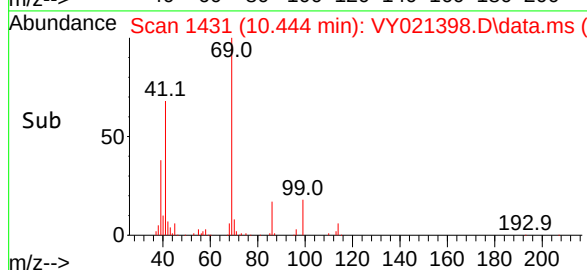
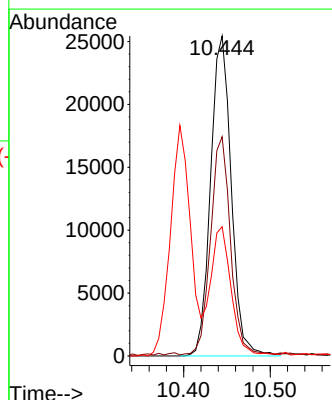
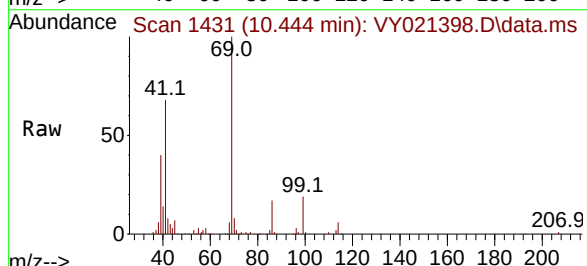
Tgt Ion: 69 Resp: 42134

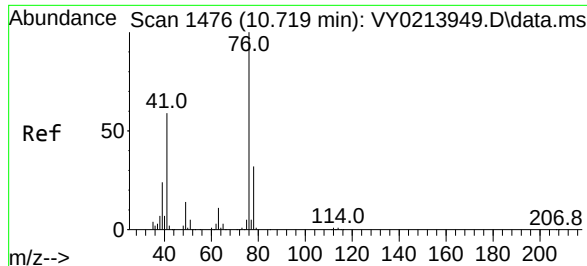
Ion Ratio Lower Upper

69 100

41 65.8 53.3 79.9

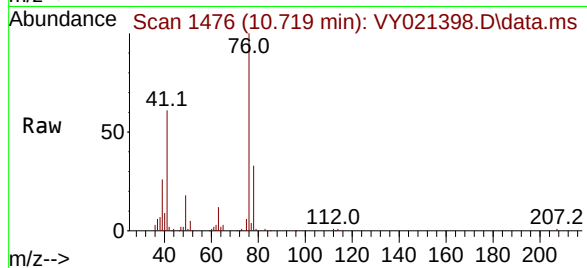
39 39.6 31.0 46.6





#57
1,3-Dichloropropane
Concen: 18.514 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

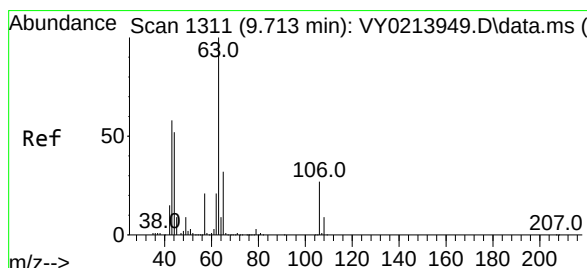
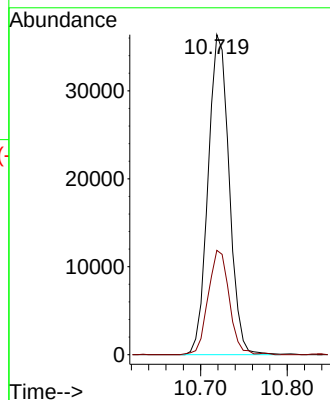
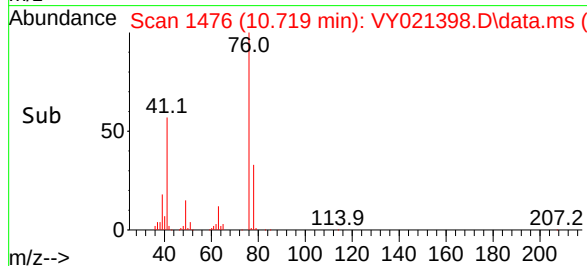
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 76 Resp: 6144
Ion Ratio Lower Upper
76 100
78 32.5 26.3 39.5

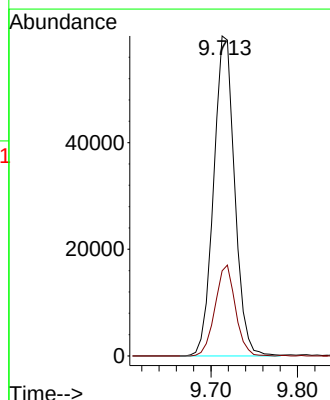
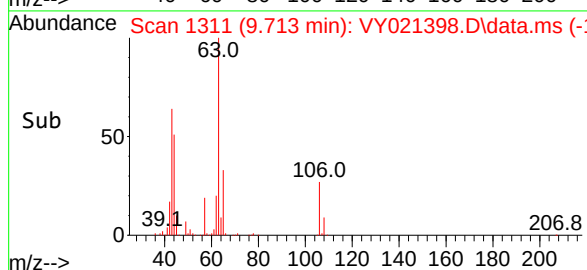
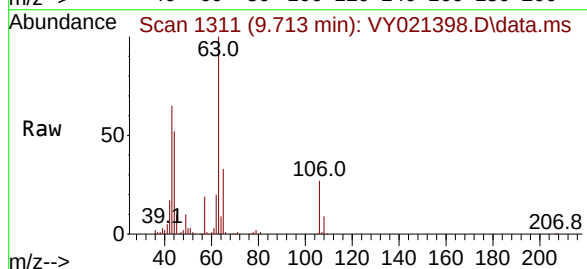
Manual Integrations
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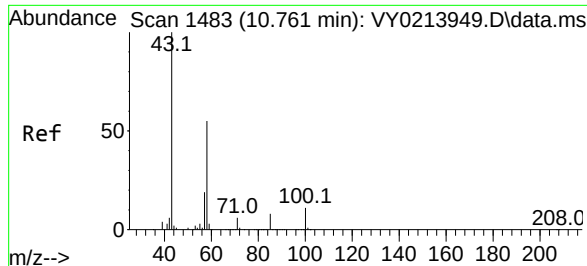
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#58
2-Chloroethyl Vinyl ether
Concen: 89.786 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Tgt Ion: 63 Resp: 101217
Ion Ratio Lower Upper
63 100
106 27.4 22.1 33.1





#59

2-Hexanone

Concen: 85.937 ug/l

RT: 10.768 min Scan# 1484

Delta R.T. 0.006 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 9439

Ion Ratio Lower Upper

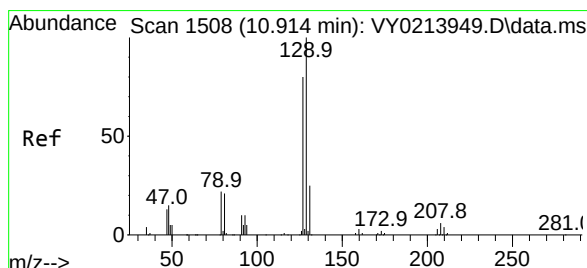
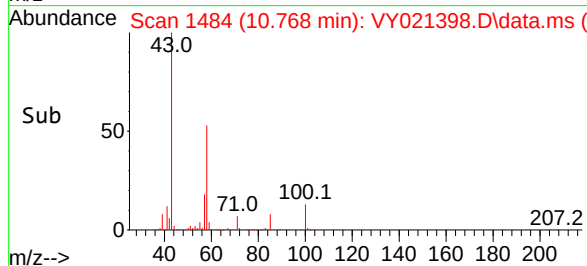
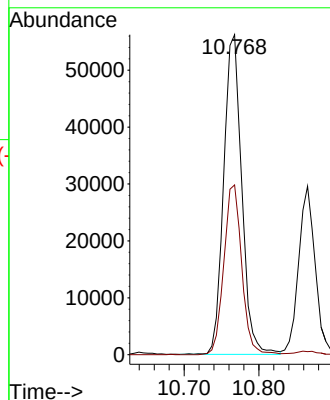
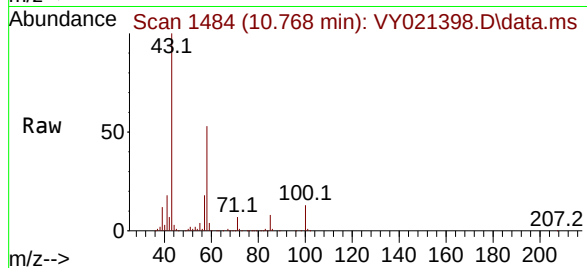
43 100

58 52.8 27.3 81.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#60

Dibromochloromethane

Concen: 18.176 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.000 min

Lab File: VY021398.D

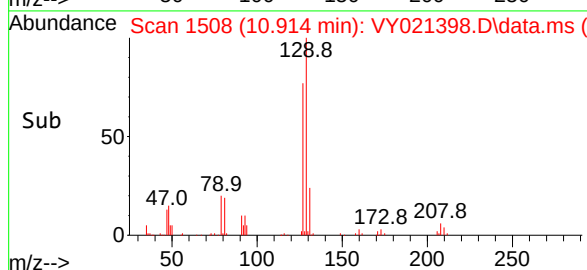
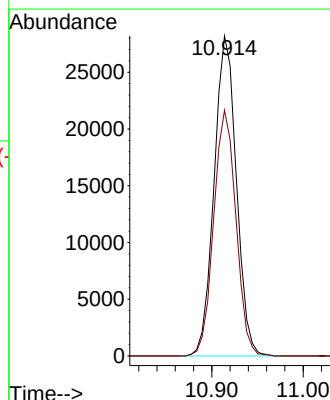
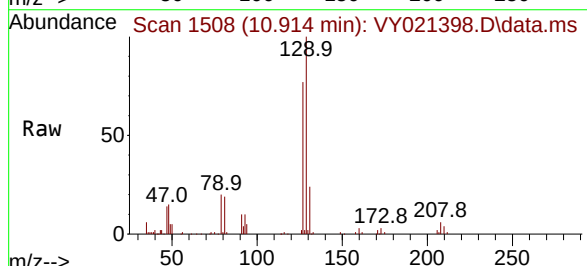
Acq: 04 Mar 2025 10:09

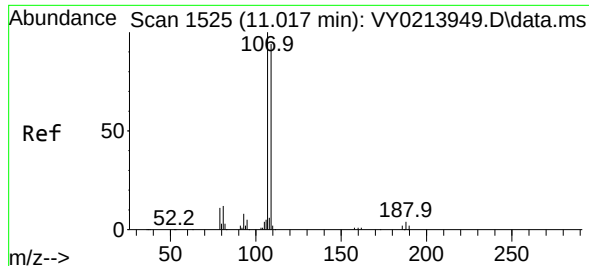
Tgt Ion:129 Resp: 47714

Ion Ratio Lower Upper

129 100

127 76.8 39.1 117.3





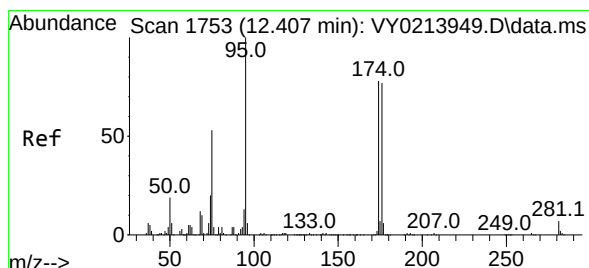
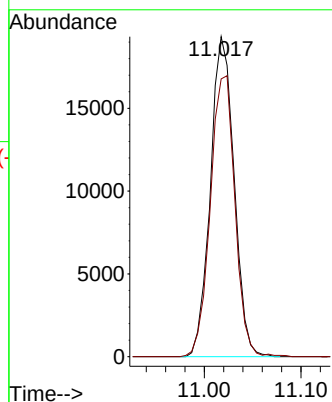
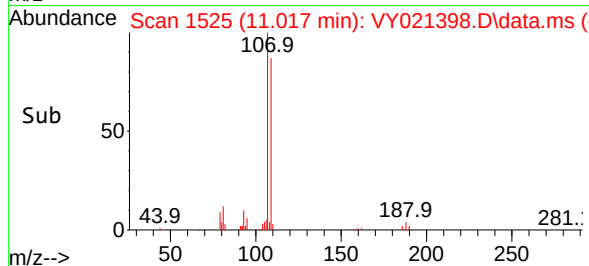
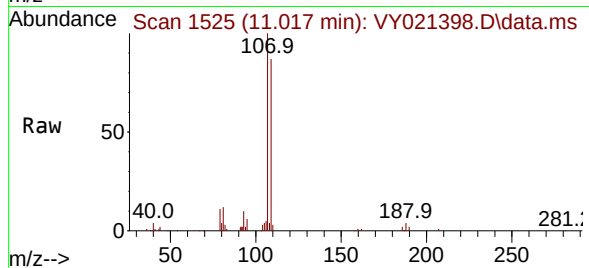
#61
1,2-Dibromoethane
Concen: 18.220 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:107 Resp: 3292
Ion Ratio Lower Upper
107 100
109 91.2 75.8 113.8

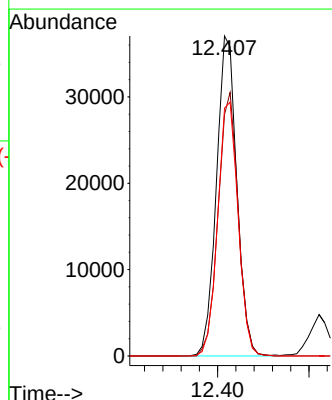
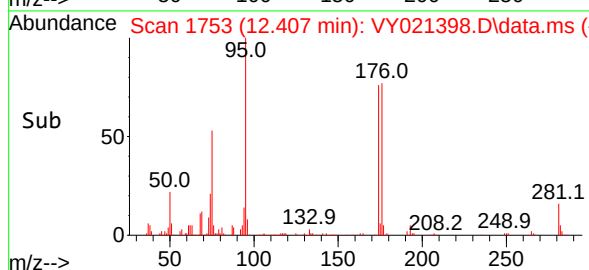
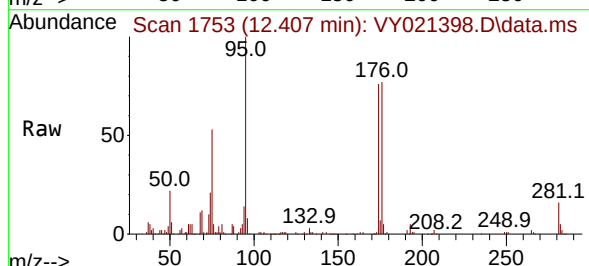
Manual Integrations
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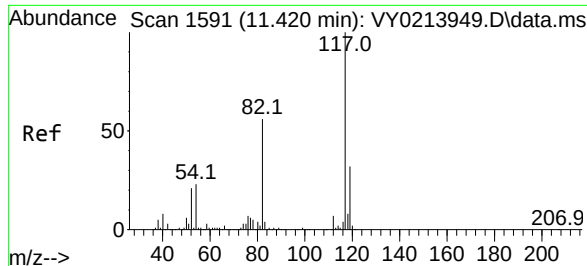
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#62
4-Bromofluorobenzene
Concen: 18.609 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

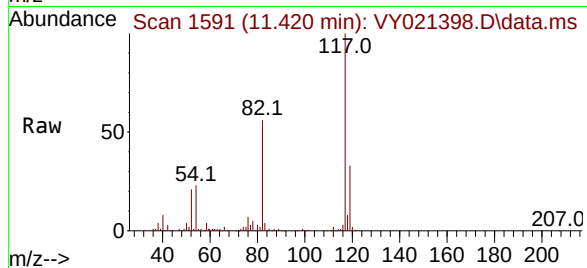
Tgt Ion: 95 Resp: 57456
Ion Ratio Lower Upper
95 100
174 81.0 0.0 165.0
176 79.3 0.0 160.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

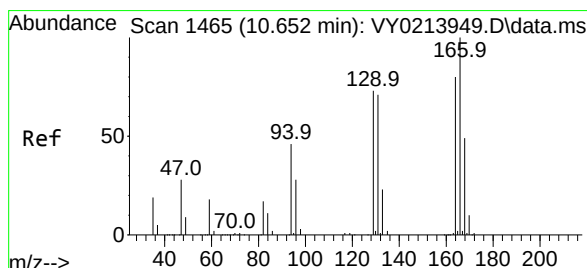
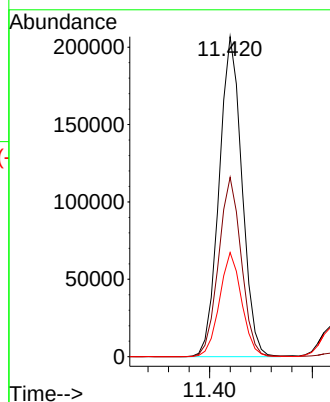
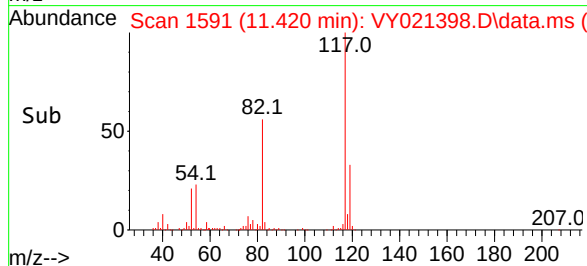
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion:117 Resp: 318510
Ion Ratio Lower Upper
117 100
82 56.0 44.6 67.0
119 32.6 25.4 38.0

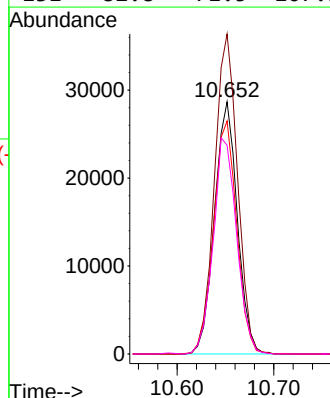
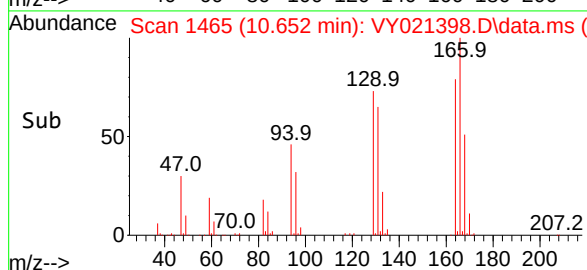
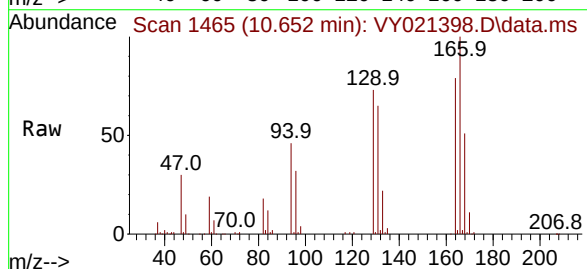
Manual Integrations
APPROVED

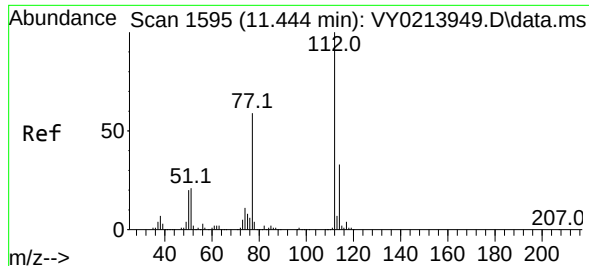
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#64
Tetrachloroethene
Concen: 18.193 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Tgt Ion:164 Resp: 47121
Ion Ratio Lower Upper
164 100
166 126.9 100.4 150.6
129 92.4 73.8 110.8
131 82.8 71.5 107.3





#65

Chlorobenzene

Concen: 18.035 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion:112 Resp: 13564

Ion Ratio Lower Upper

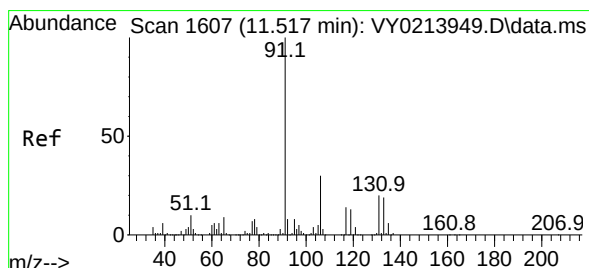
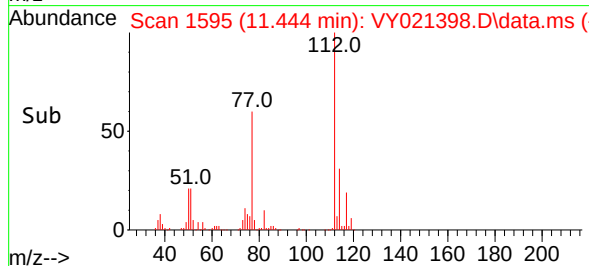
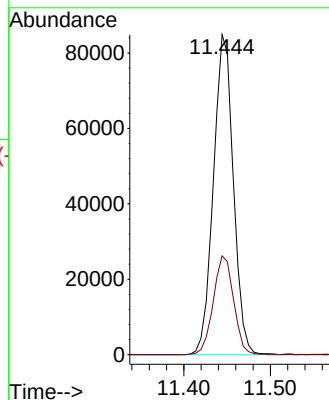
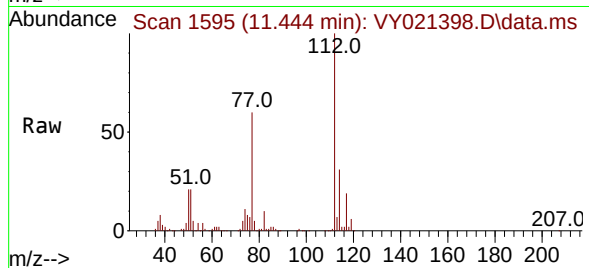
112 100

114 30.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#66

1,1,1,2-Tetrachloroethane

Concen: 18.050 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

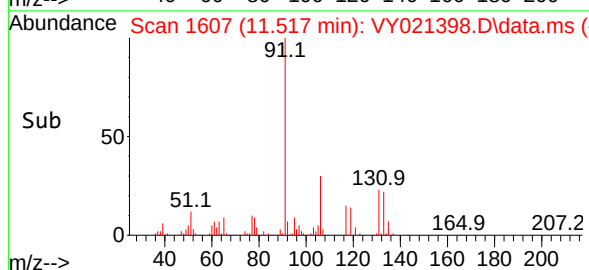
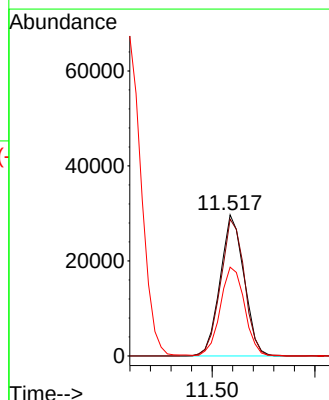
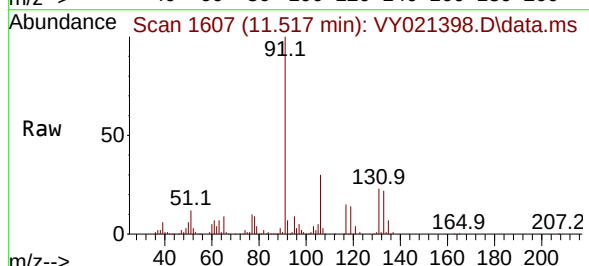
Tgt Ion:131 Resp: 47998

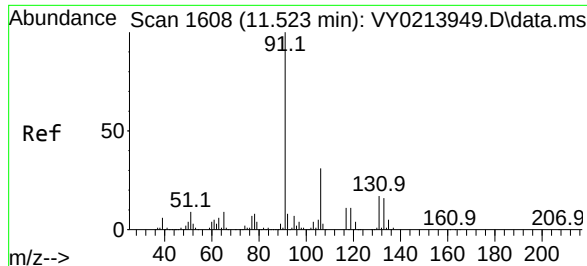
Ion Ratio Lower Upper

131 100

133 96.5 47.6 142.9

119 64.0 32.3 96.9





#67

Ethyl Benzene

Concen: 17.609 ug/l

RT: 11.523 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 232468

Ion Ratio Lower Upper

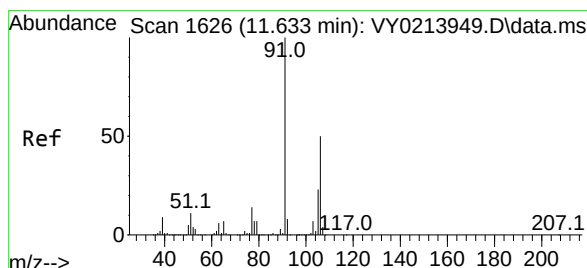
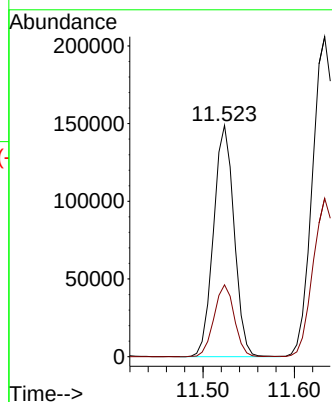
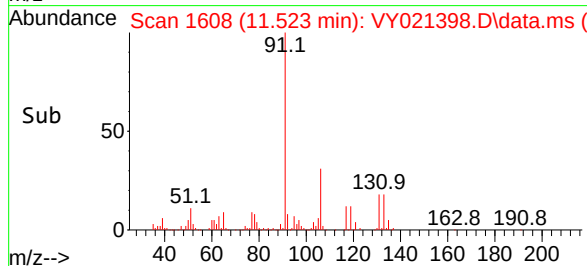
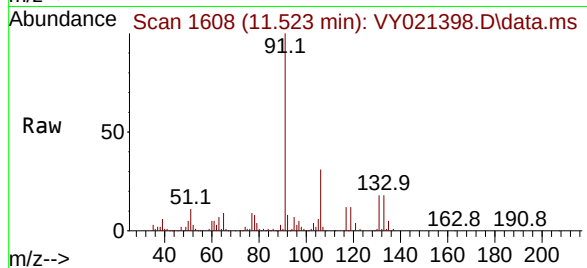
91 100

106 31.1 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#68

m/p-Xylenes

Concen: 35.847 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY021398.D

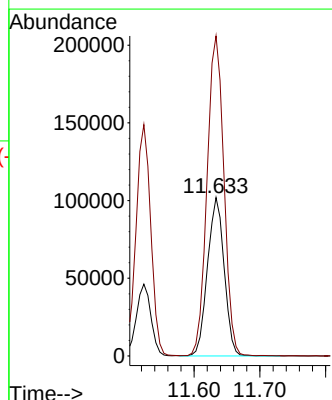
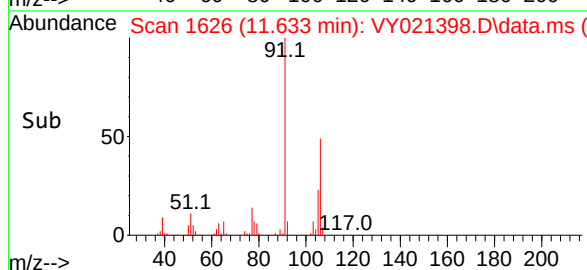
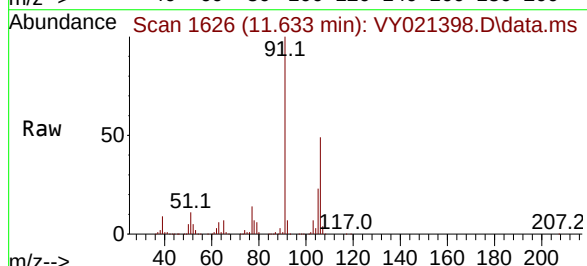
Acq: 04 Mar 2025 10:09

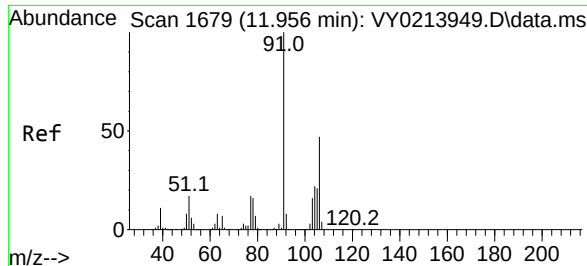
Tgt Ion:106 Resp: 179664

Ion Ratio Lower Upper

106 100

91 203.8 161.7 242.5





#69

o-Xylene

Concen: 17.516 ug/l

RT: 11.956 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion:106 Resp: 80909

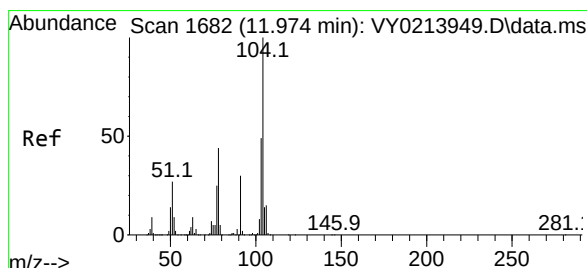
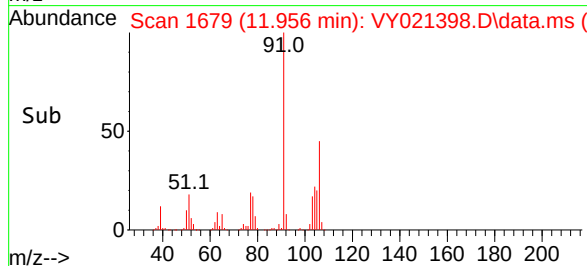
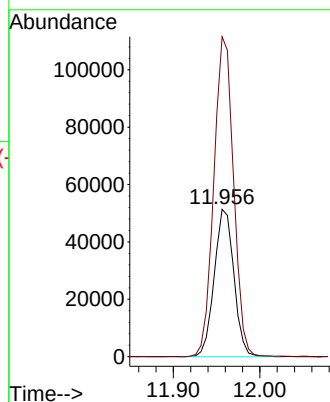
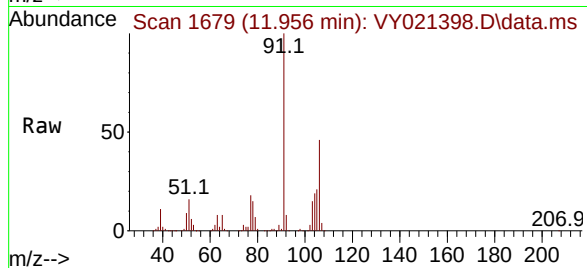
Ion Ratio Lower Upper

106 100

91 218.6 107.6 322.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#70

Styrene

Concen: 18.027 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

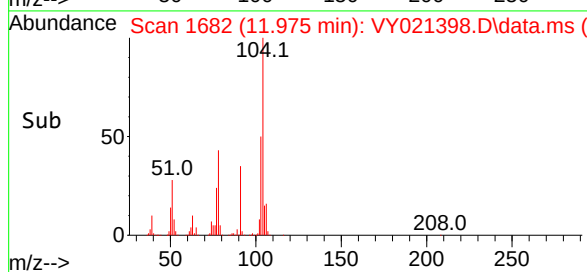
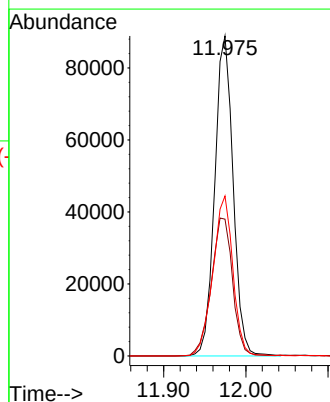
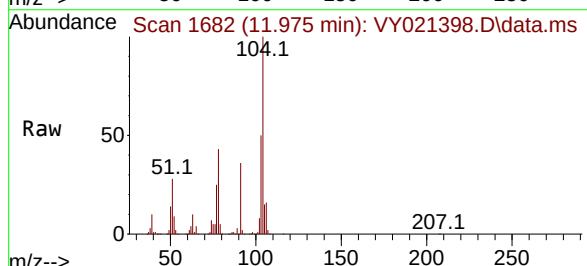
Tgt Ion:104 Resp: 138147

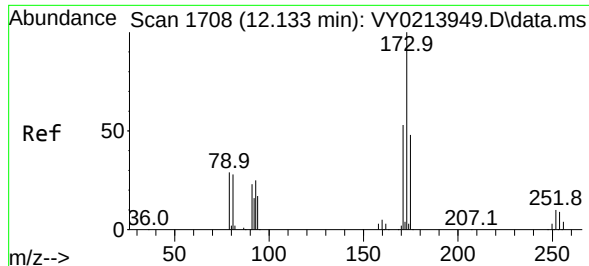
Ion Ratio Lower Upper

104 100

78 50.0 40.7 61.1

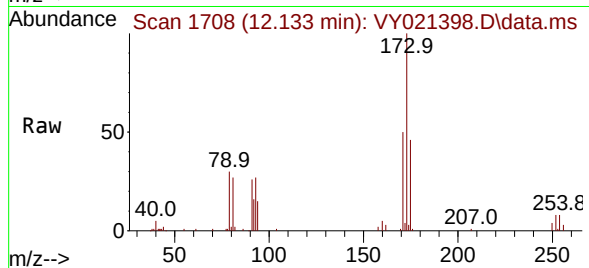
103 54.4 44.1 66.1





#71
Bromoform
Concen: 18.288 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

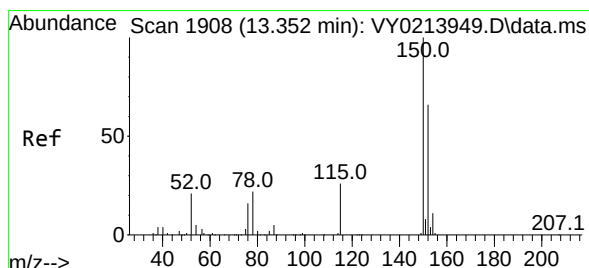
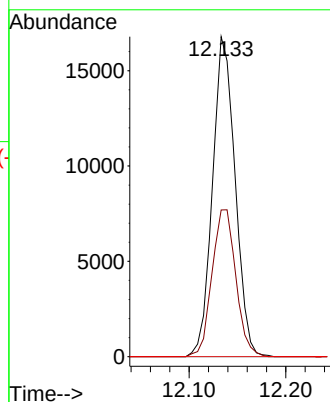
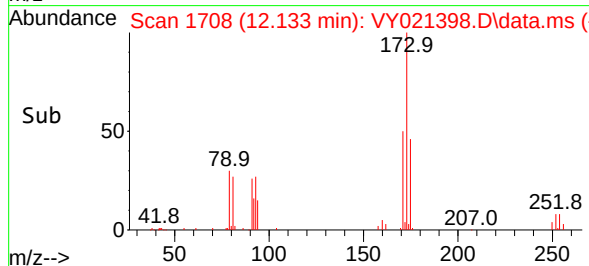
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



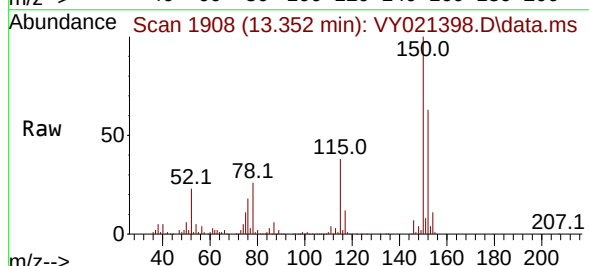
Tgt Ion:173 Resp: 27180
Ion Ratio Lower Upper
173 100
175 48.5 23.9 71.7
254 0.0 0.1 0.1

Manual Integrations
APPROVED

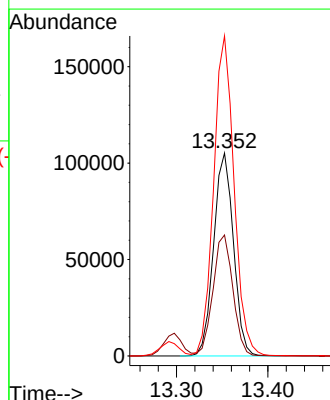
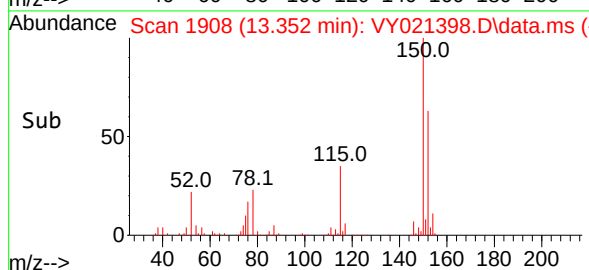
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

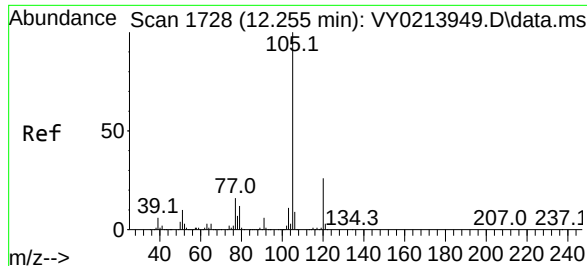


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09



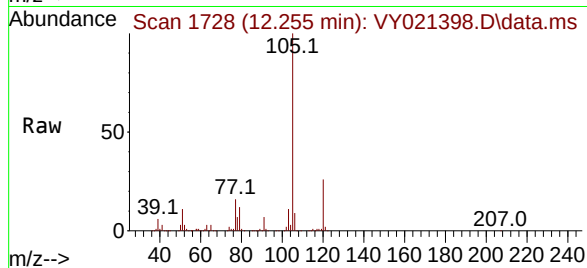
Tgt Ion:152 Resp: 158359
Ion Ratio Lower Upper
152 100
115 59.9 29.0 87.0
150 162.4 0.0 347.2





#73
Isopropylbenzene
Concen: 17.612 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

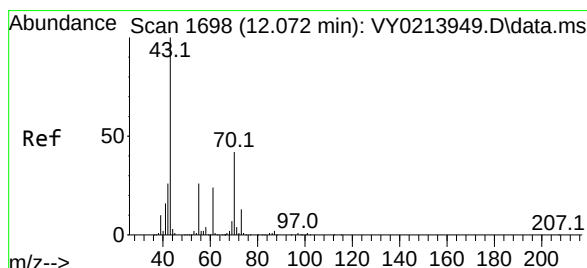
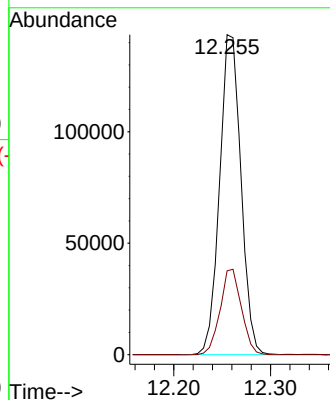
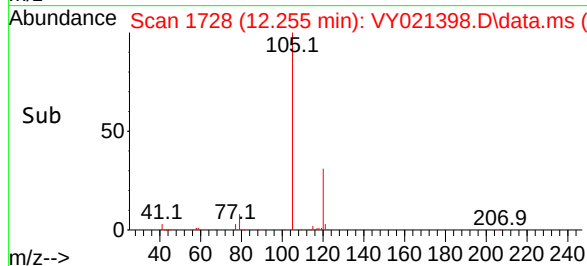
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 105 Resp: 21969
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.3

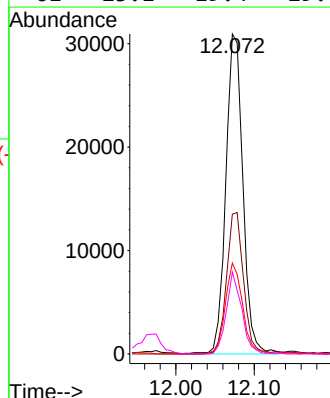
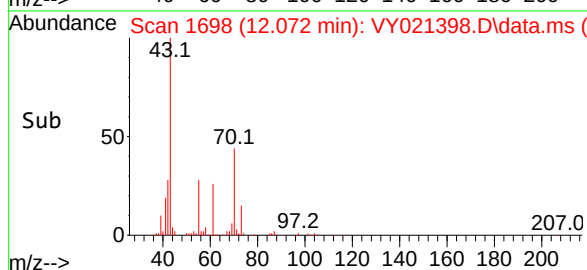
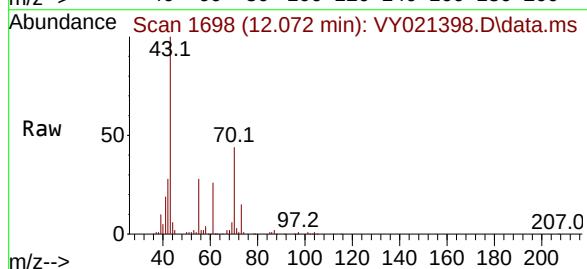
Manual Integrations
APPROVED

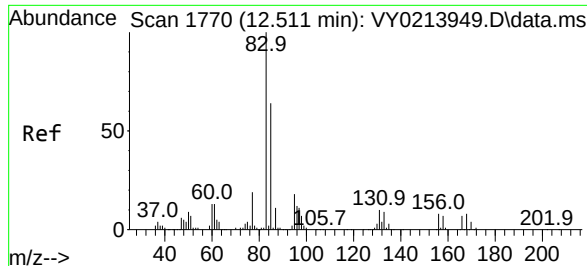
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#74
N-ethyl acetate
Concen: 17.372 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Tgt Ion: 43 Resp: 47062
Ion Ratio Lower Upper
43 100
70 44.4 34.6 51.8
55 28.7 21.1 31.7
61 23.1 19.4 29.0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.341 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 83 Resp: 4037

Ion Ratio Lower Upper

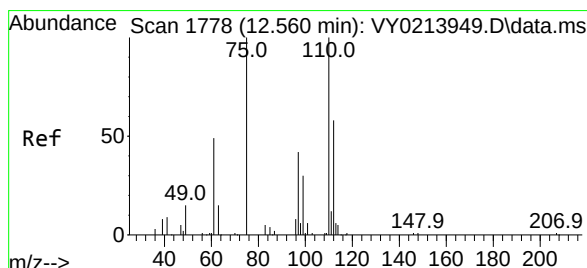
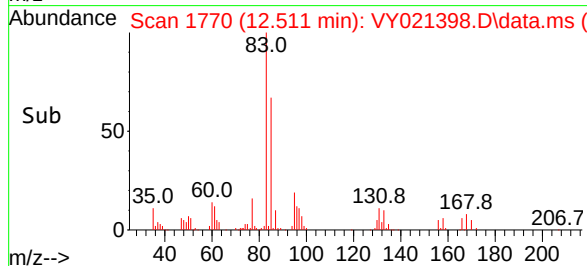
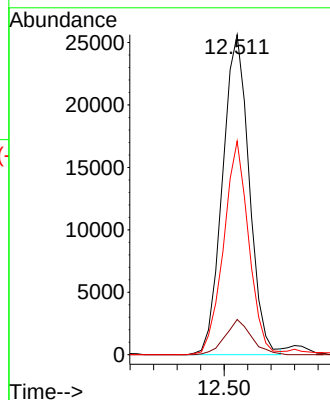
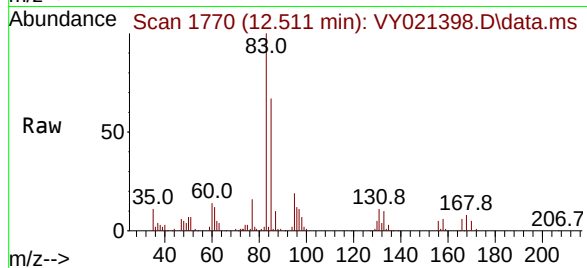
83 100

131 10.8 5.3 16.1

85 63.0 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#76

1,2,3-Trichloropropane

Concen: 17.055 ug/l m

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY021398.D

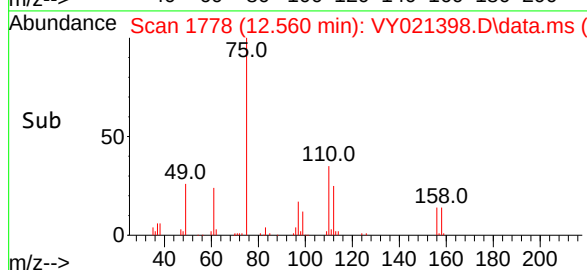
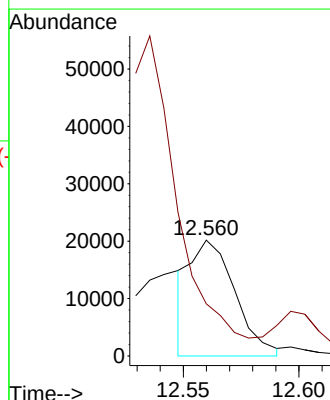
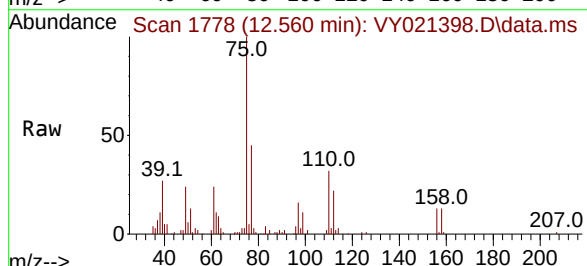
Acq: 04 Mar 2025 10:09

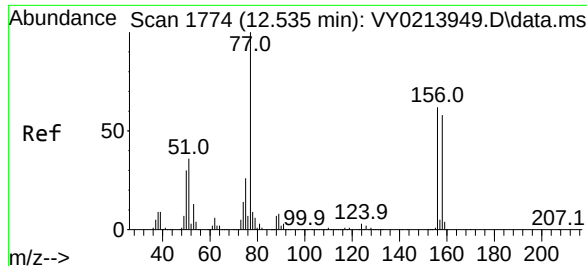
Tgt Ion: 75 Resp: 27215

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





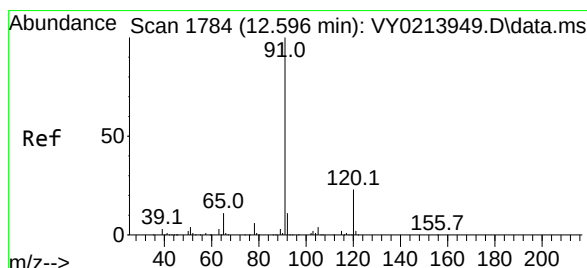
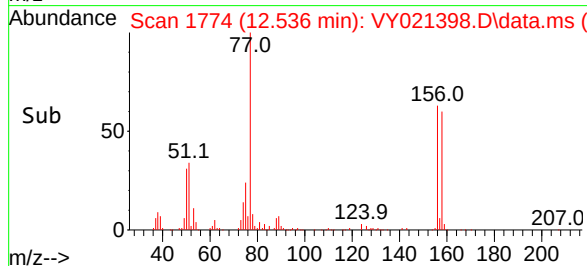
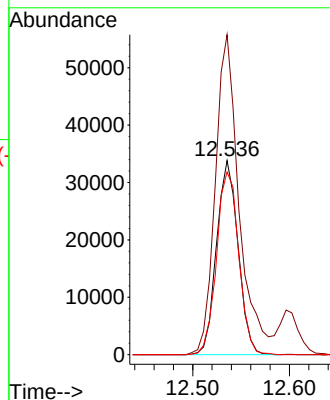
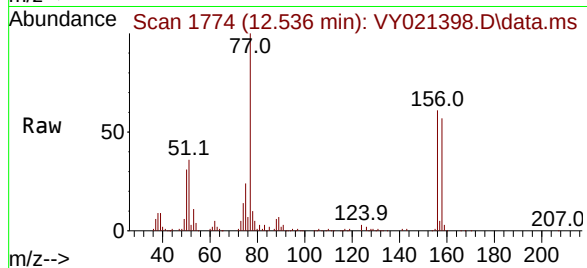
#77
Bromobenzene
Concen: 17.874 ug/l
RT: 12.536 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:156 Resp: 5216
Ion Ratio Lower Upper
156 100
77 181.3 93.6 280.8
158 97.3 48.3 144.8

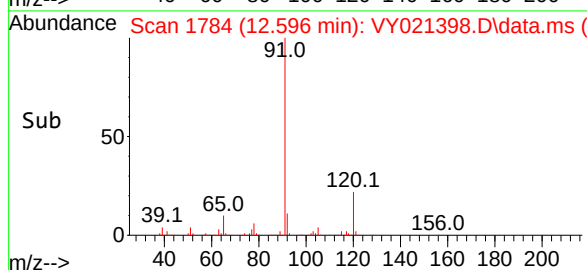
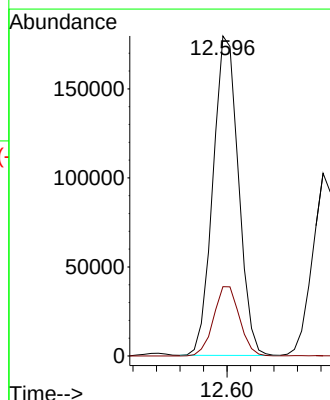
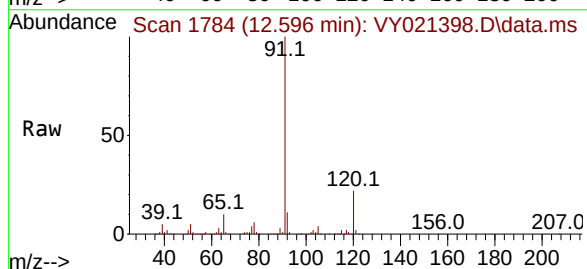
Manual Integrations
APPROVED

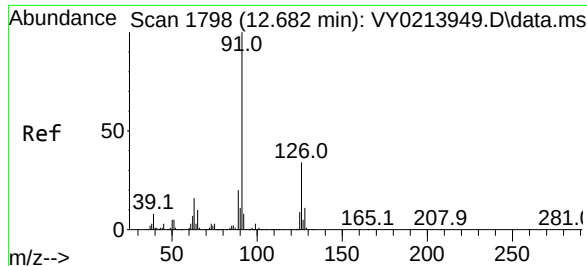
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#78
n-propylbenzene
Concen: 17.819 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Tgt Ion: 91 Resp: 269961
Ion Ratio Lower Upper
91 100
120 22.2 11.3 33.8





#79

2-Chlorotoluene

Concen: 17.906 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 91 Resp: 155109

Ion Ratio Lower Upper

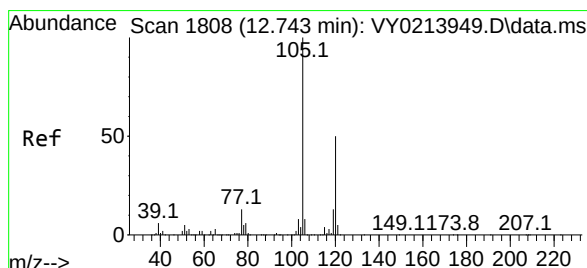
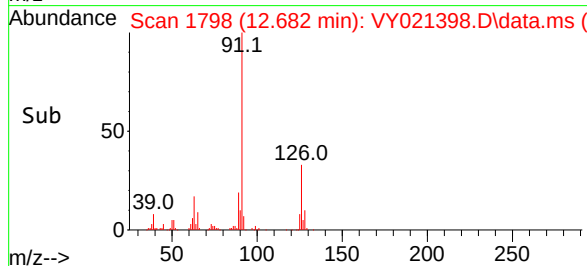
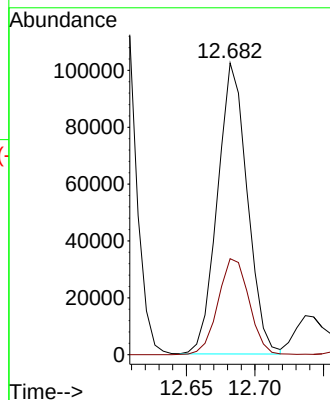
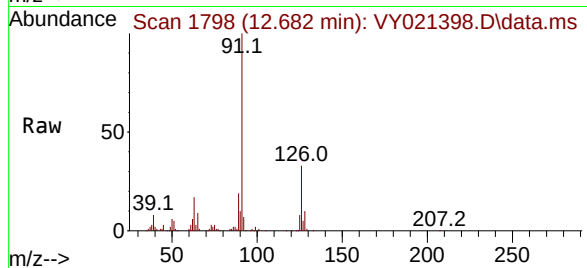
91 100

126 34.4 17.2 51.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#80

1,3,5-Trimethylbenzene

Concen: 18.091 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VY021398.D

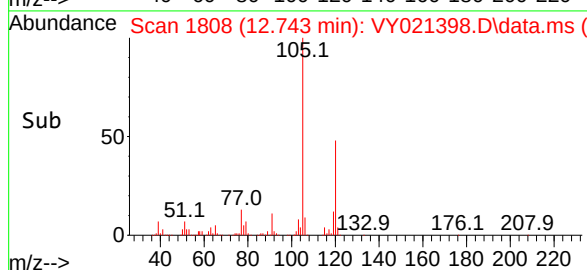
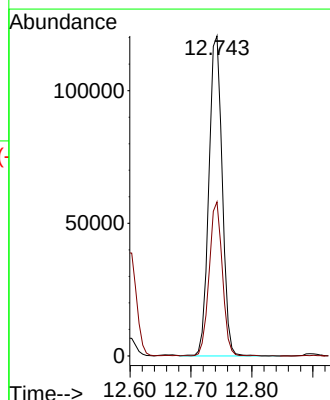
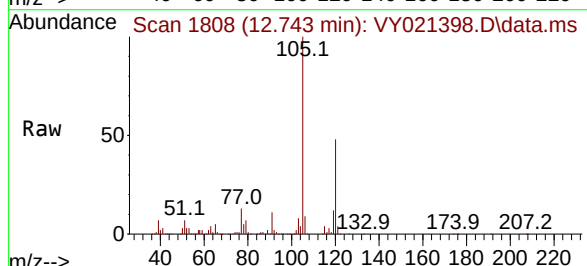
Acq: 04 Mar 2025 10:09

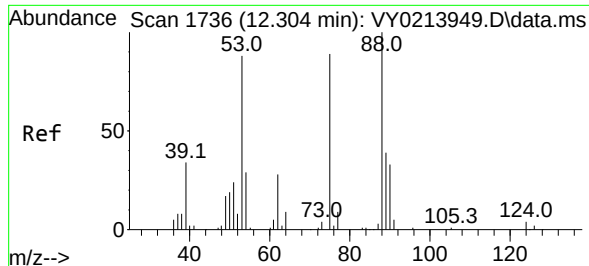
Tgt Ion:105 Resp: 183398

Ion Ratio Lower Upper

105 100

120 47.8 24.6 73.6





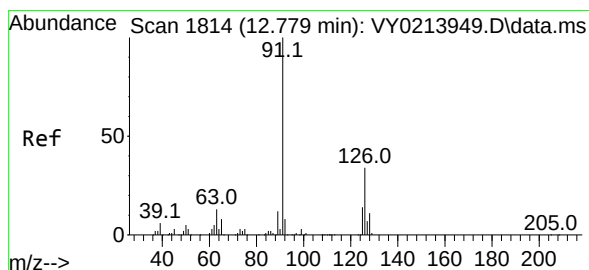
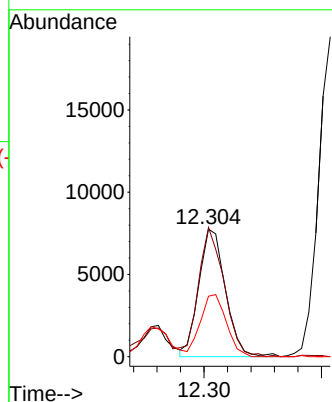
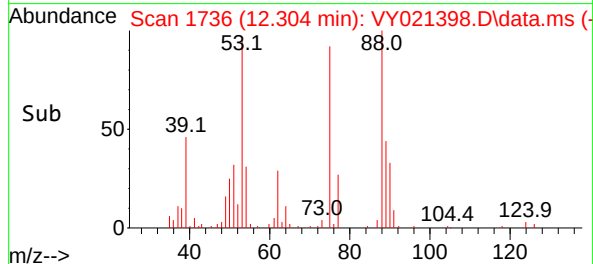
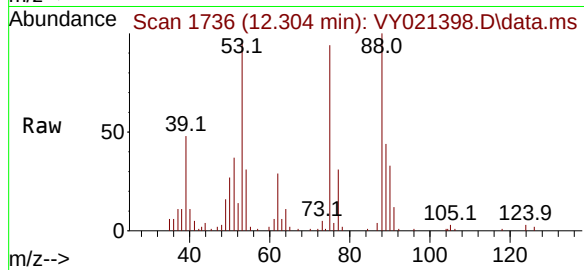
#81
trans-1,4-Dichloro-2-butene
Concen: 17.456 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 1225
Ion Ratio Lower Upper
75 100
53 99.1 81.0 121.4
89 46.9 36.9 55.3

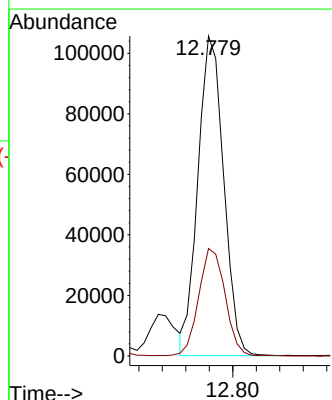
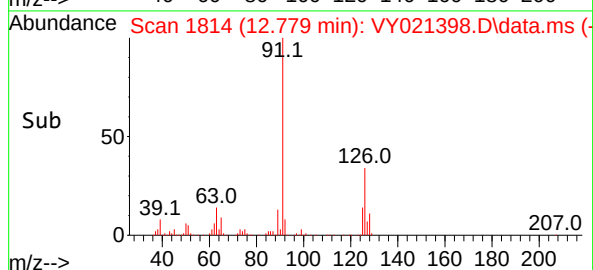
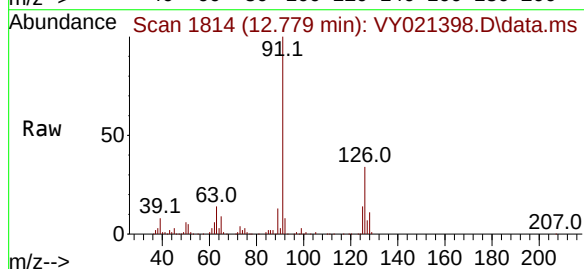
Manual Integrations
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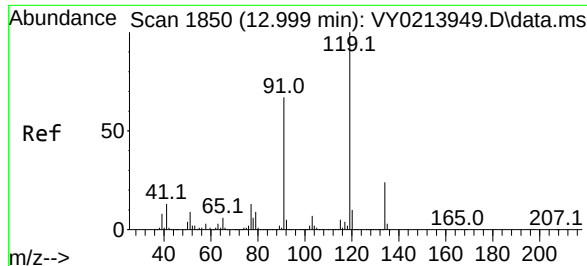
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#82
4-Chlorotoluene
Concen: 17.893 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Tgt Ion: 91 Resp: 160509
Ion Ratio Lower Upper
91 100
126 34.6 17.0 51.0





#83

tert-Butylbenzene

Concen: 17.461 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion:119 Resp: 157912

Ion Ratio Lower Upper

119 100

91 67.7 33.2 99.6

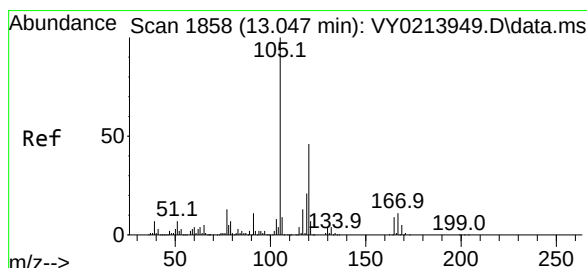
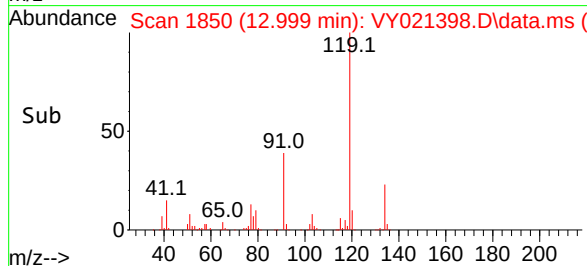
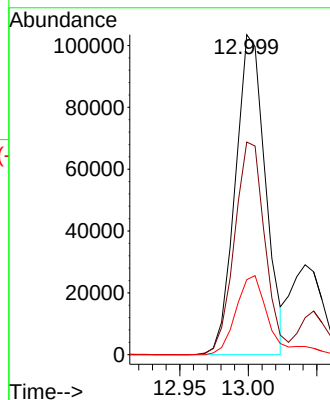
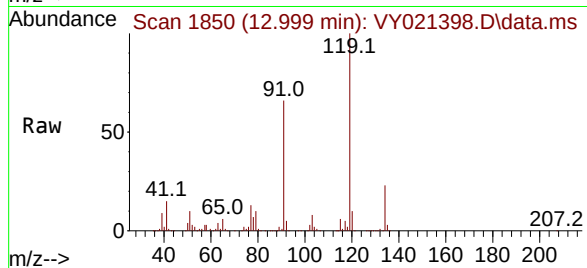
134 27.3 13.5 40.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#84

1,2,4-Trimethylbenzene

Concen: 18.254 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VY021398.D

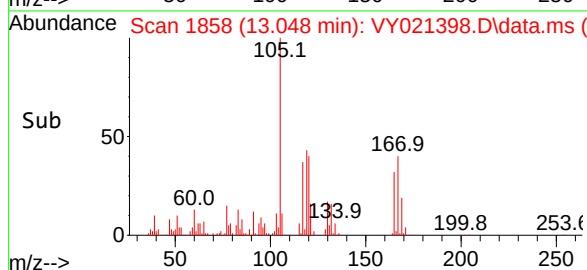
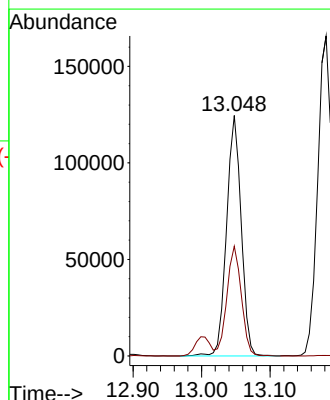
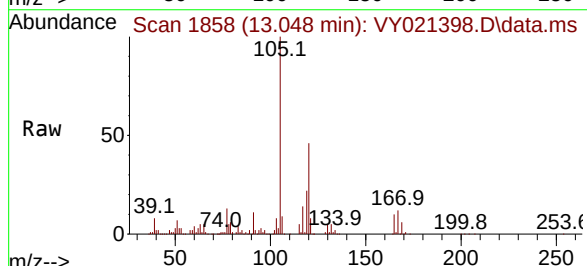
Acq: 04 Mar 2025 10:09

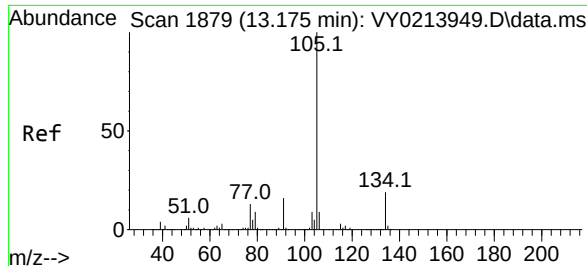
Tgt Ion:105 Resp: 183733

Ion Ratio Lower Upper

105 100

120 45.2 22.7 68.1





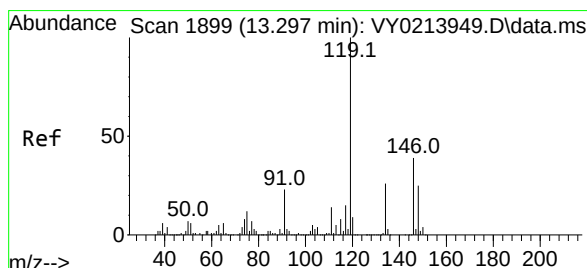
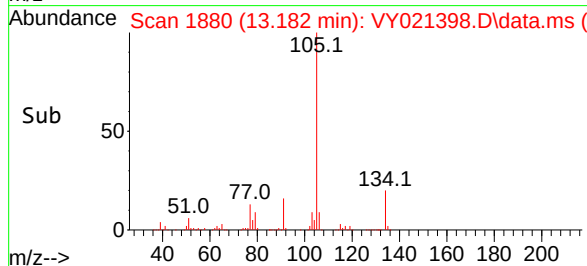
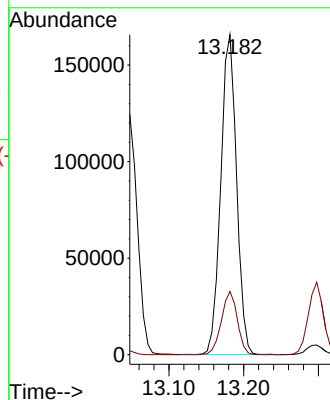
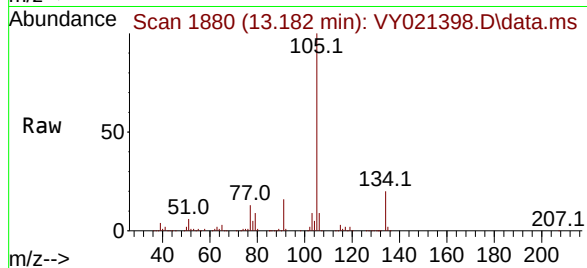
#85
sec-Butylbenzene
Concen: 18.113 ug/l
RT: 13.182 min Scan# 1880
Delta R.T. 0.006 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 243719
Ion Ratio Lower Upper
105 100
134 19.9 9.9 29.7

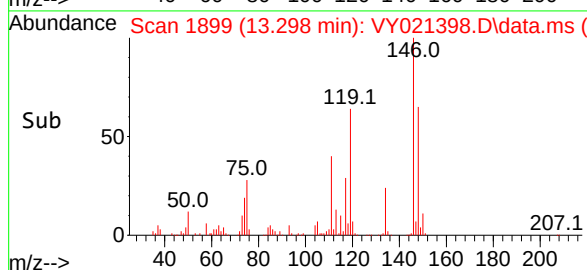
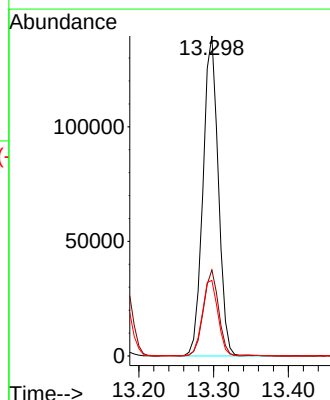
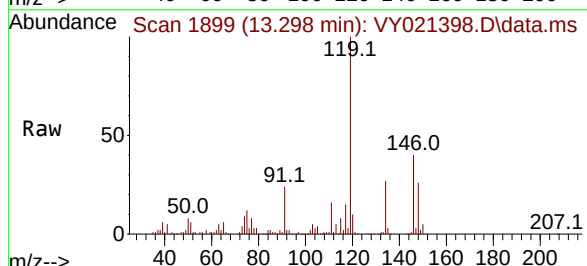
Manual Integrations
APPROVED

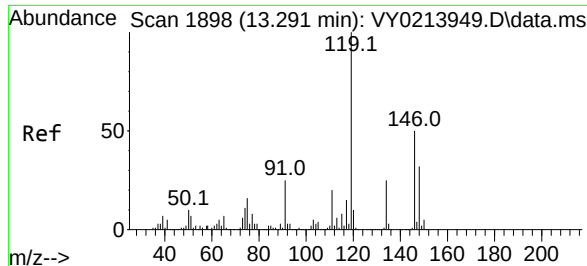
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#86
p-Isopropyltoluene
Concen: 17.900 ug/l
RT: 13.298 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Tgt Ion:119 Resp: 198423
Ion Ratio Lower Upper
119 100
134 26.5 13.1 39.1
91 24.2 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 17.882 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 103878

Ion Ratio Lower Upper

146 100

111 41.2 20.0 60.0

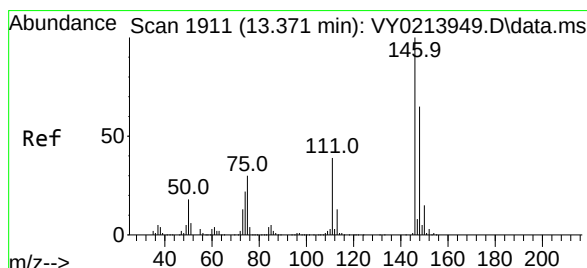
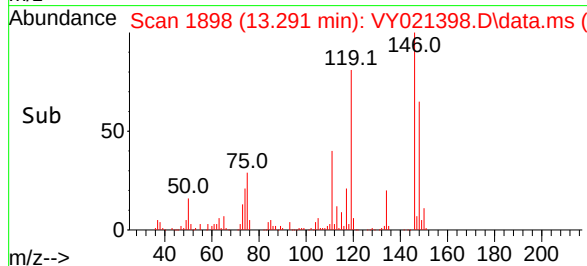
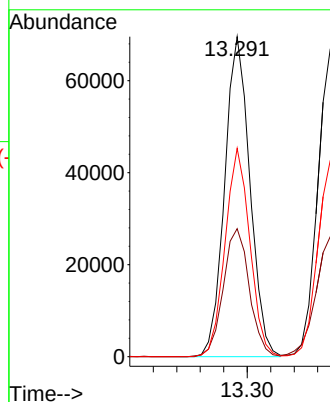
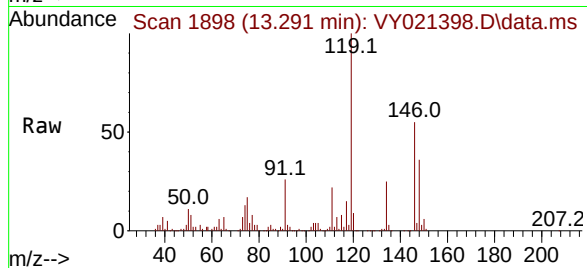
148 63.7 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#88

1,4-Dichlorobenzene

Concen: 18.106 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

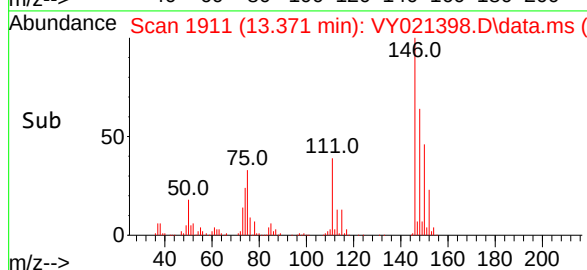
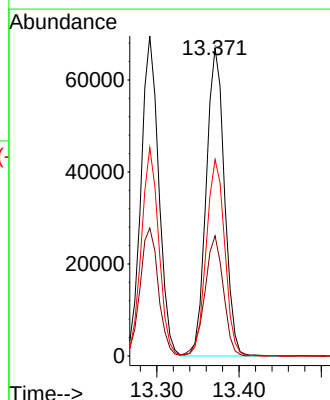
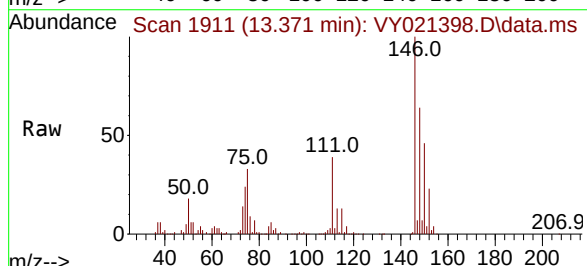
Tgt Ion:146 Resp: 102862

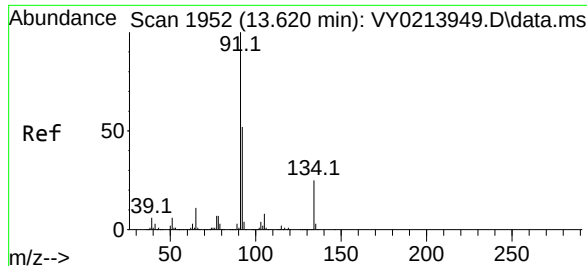
Ion Ratio Lower Upper

146 100

111 39.5 19.6 58.8

148 64.7 32.3 96.8





#89

n-Butylbenzene

Concen: 17.741 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

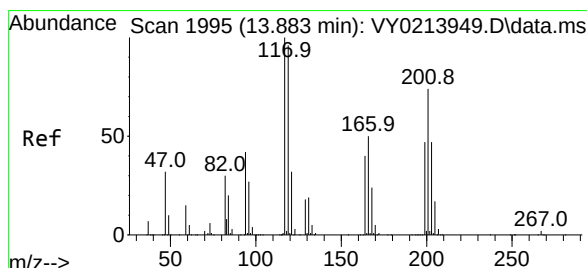
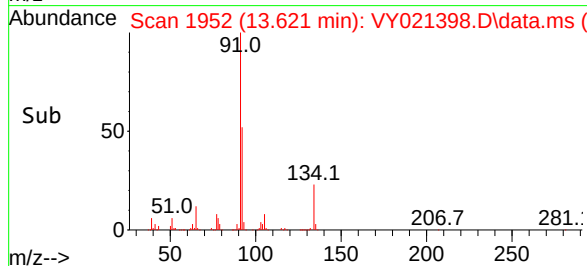
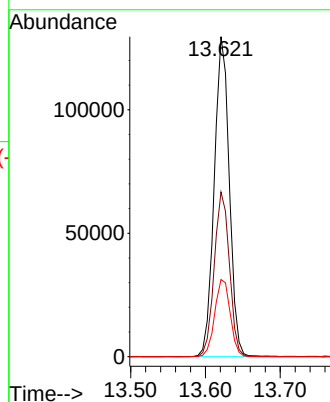
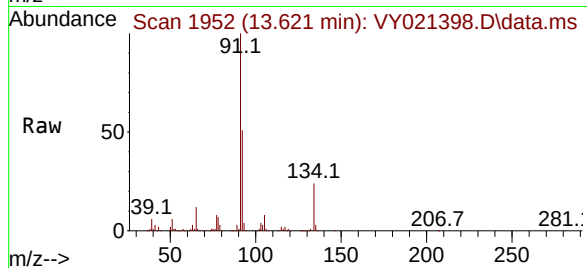
VSTDIC020

Tgt Ion:	91	Resp:	18160
Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.1	78.3
134	24.8	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#90

Hexachloroethane

Concen: 17.379 ug/l

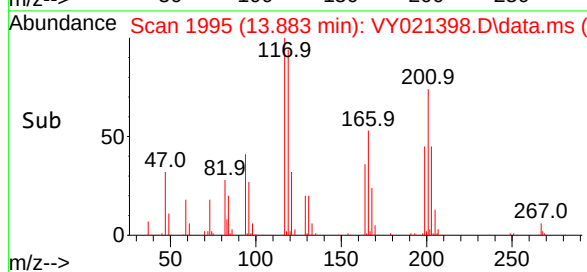
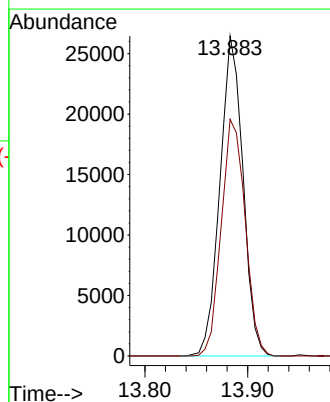
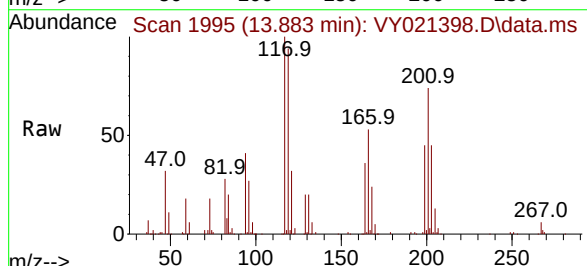
RT: 13.883 min Scan# 1995

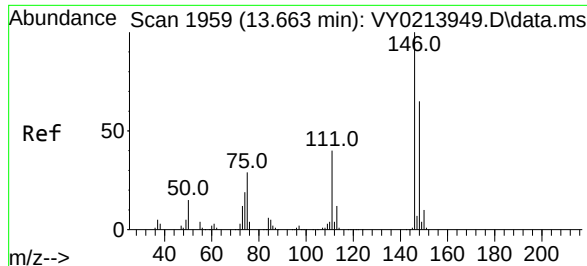
Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Tgt Ion:	117	Resp:	41098
Ion	Ratio	Lower	Upper
117	100		
201	76.9	37.4	112.2





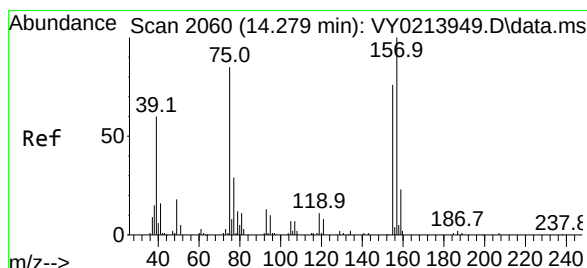
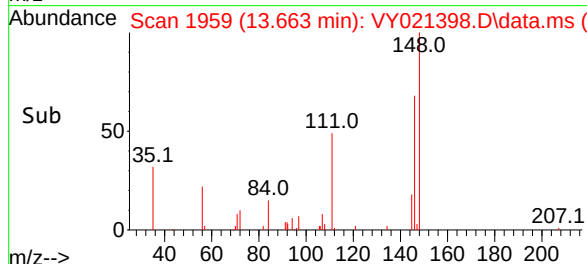
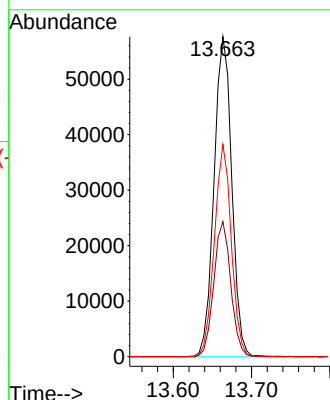
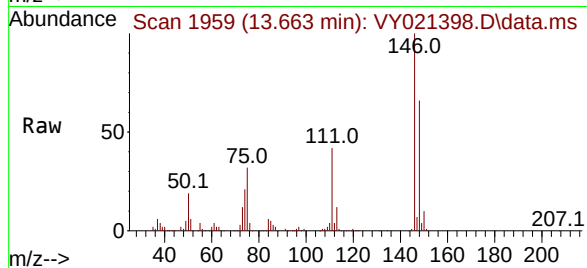
#91
1,2-Dichlorobenzene
Concen: 18.208 ug/l
RT: 13.663 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 90658
Ion Ratio Lower Upper
146 100
111 40.5 20.7 62.1
148 63.5 32.1 96.5

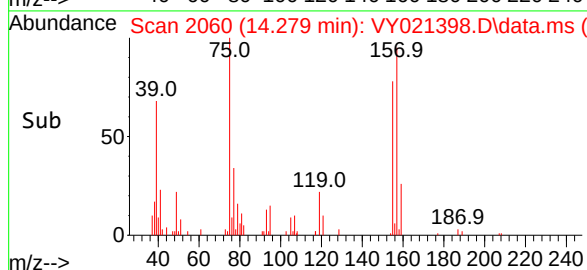
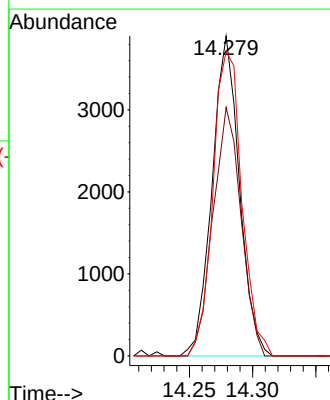
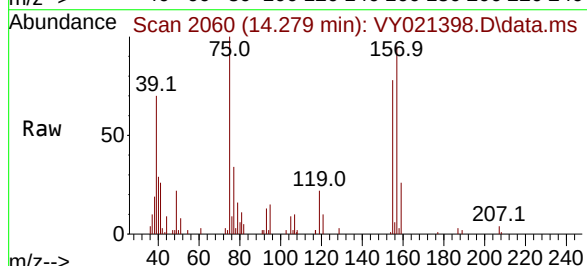
Manual Integrations
APPROVED

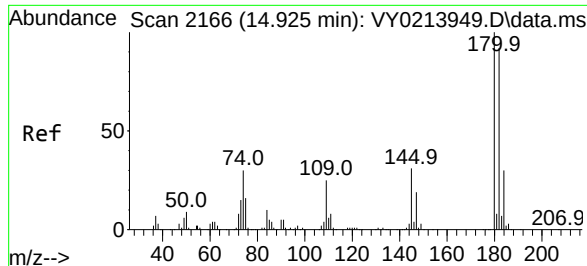
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.741 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Tgt Ion: 75 Resp: 5850
Ion Ratio Lower Upper
75 100
155 79.9 43.5 130.5
157 100.7 54.4 163.2





#93

1,2,4-Trichlorobenzene

Concen: 17.127 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

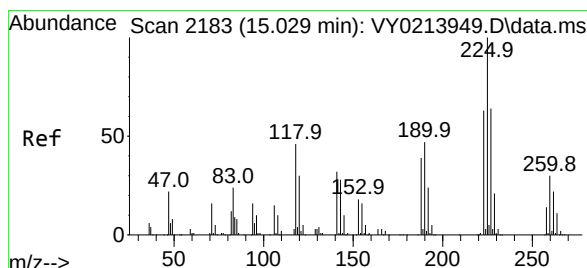
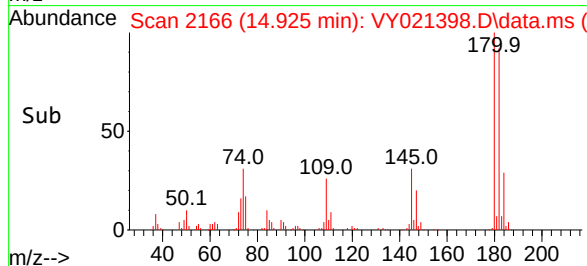
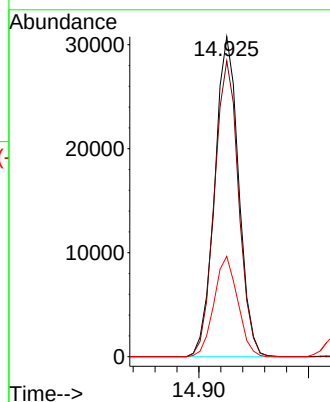
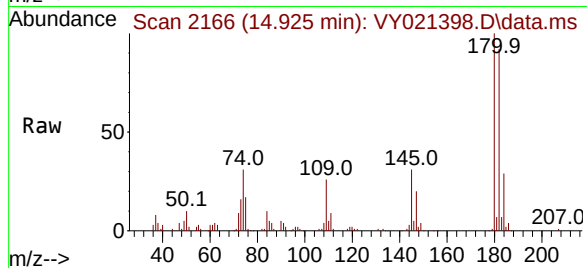
VSTDIC020

Tgt Ion:180	Resp:	46578
Ion Ratio	Lower	Upper
180	100	
182	93.5	46.7 140.0
145	31.0	15.6 46.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#94

Hexachlorobutadiene

Concen: 17.851 ug/l

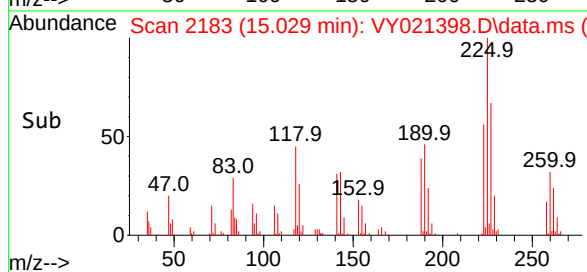
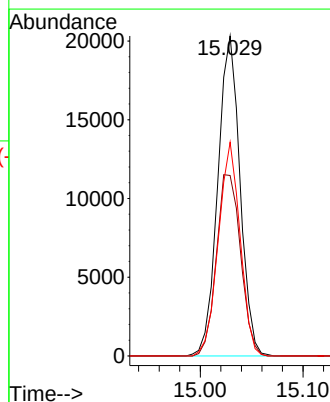
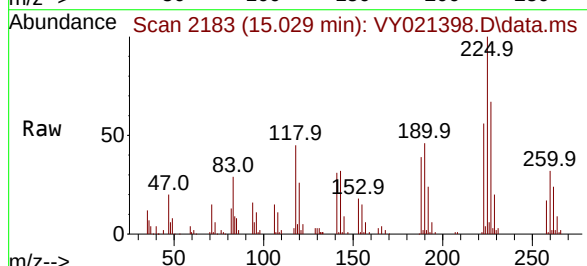
RT: 15.029 min Scan# 2183

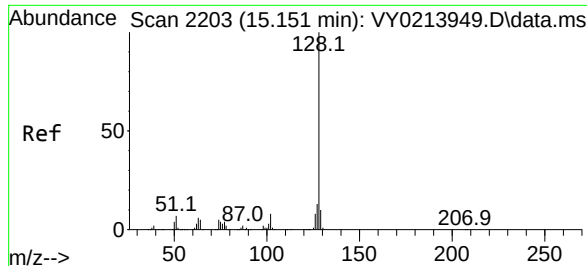
Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Tgt Ion:225	Resp:	30431
Ion Ratio	Lower	Upper
225	100	
223	61.9	31.4 94.2
227	65.4	31.8 95.4





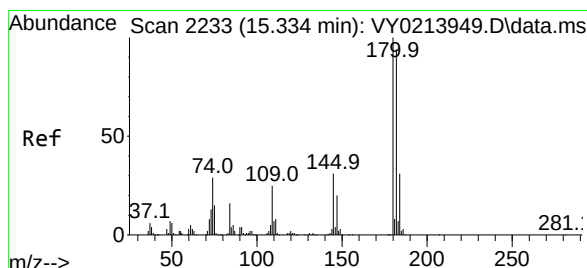
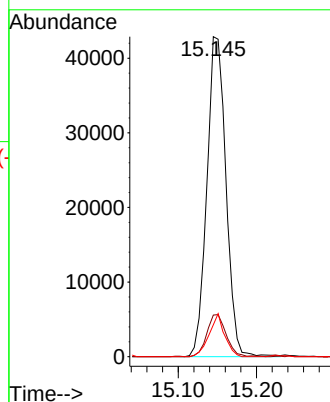
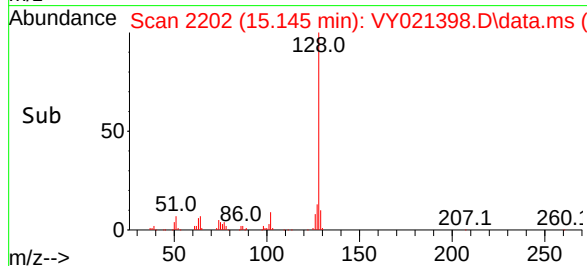
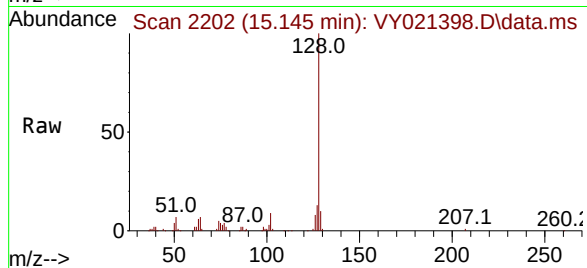
#95
Naphthalene
Concen: 17.845 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. -0.006 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 72734
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 10.8 8.6 13.0

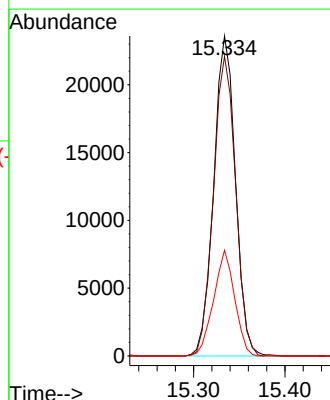
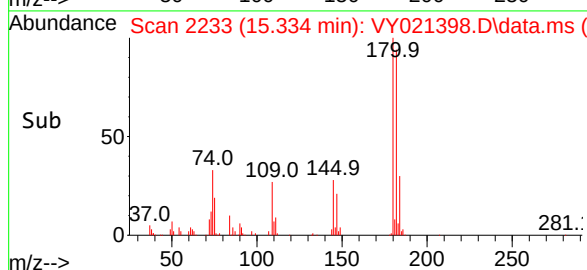
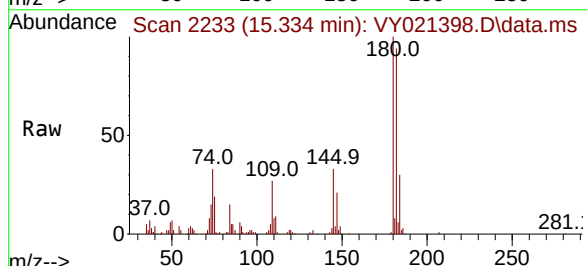
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#96
1,2,3-Trichlorobenzene
Concen: 16.996 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Tgt Ion:180 Resp: 38873
Ion Ratio Lower Upper
180 100
182 95.5 47.2 141.6
145 32.1 16.4 49.1



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
 Data File : VY021399.D
 Acq On : 04 Mar 2025 10:30
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : Mahesh Dadoda 03/06/2025
 Supervised By : Semsettin Yesilyurt 03/06/2025

Quant Time: Mar 05 02:59:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 02:30:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	235140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	360221	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	321260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	162486	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.067	65	113391	45.625	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.240%
35) Dibromofluoromethane	7.640	113	106487	44.973	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.940%
50) Toluene-d8	10.109	98	408759	45.594	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.180%
62) 4-Bromofluorobenzene	12.407	95	139117	45.618	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.240%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	105206	48.756	ug/l	100
3) Chloromethane	2.074	50	145113	47.700	ug/l	100
4) Vinyl Chloride	2.208	62	162385	48.845	ug/l	100
5) Bromomethane	2.604	94	110008	45.784	ug/l	100
6) Chloroethane	2.738	64	108266	49.279	ug/l	100
7) Trichlorofluoromethane	3.067	101	227308	48.986	ug/l	100
8) Diethyl Ether	3.458	74	66509	51.720	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.830	101	126512	47.753	ug/l	100
10) Methyl Iodide	4.012	142	148683	55.210	ug/l	100
11) Tert butyl alcohol	4.872	59	44476	277.793	ug/l	100
12) 1,1-Dichloroethene	3.799	96	118986	49.262	ug/l	100
13) Acrolein	3.665	56	5354	42.354	ug/l	100
14) Allyl chloride	4.397	41	197932	50.708	ug/l	100
15) Acrylonitrile	5.067	53	146888	268.329	ug/l	100
16) Acetone	3.872	43	157979	291.440	ug/l	100
17) Carbon Disulfide	4.116	76	383514	50.664	ug/l	100
18) Methyl Acetate	4.390	43	66880	55.606	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	321178	52.463	ug/l	100
20) Methylene Chloride	4.622	84	129715	45.588	ug/l	100
21) trans-1,2-Dichloroethene	5.128	96	132731	49.068	ug/l	100
22) Diisopropyl ether	6.024	45	435305	51.747	ug/l	100
23) Vinyl Acetate	5.969	43	1305446	271.918	ug/l	100
24) 1,1-Dichloroethane	5.927	63	247003	49.750	ug/l	100
25) 2-Butanone	6.896	43	212274	283.093	ug/l	100
26) 2,2-Dichloropropane	6.890	77	220625	48.295	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	153891	50.078	ug/l	100
28) Bromochloromethane	7.250	49	109912	52.805	ug/l	100
29) Tetrahydrofuran	7.268	42	129976	280.779	ug/l	100
30) Chloroform	7.426	83	255675	49.593	ug/l	100
31) Cyclohexane	7.707	56	221181	47.519	ug/l	100
32) 1,1,1-Trichloroethane	7.622	97	230018	48.727	ug/l	100
36) 1,1-Dichloropropene	7.841	75	186577	50.340	ug/l	100
37) Ethyl Acetate	6.988	43	89317	53.423	ug/l	100
38) Carbon Tetrachloride	7.823	117	211310	49.573	ug/l	100
39) Methylcyclohexane	9.115	83	234520	51.585	ug/l	100
40) Benzene	8.085	78	555364	50.867	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
 Data File : VY021399.D
 Acq On : 04 Mar 2025 10:30
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
 Supervised By :Semsettin Yesilyurt 03/06/2025

Quant Time: Mar 05 02:59:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 02:30:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	47147	51.774	ug/l	100
42) 1,2-Dichloroethane	8.164	62	157205	51.469	ug/l	100
43) Isopropyl Acetate	8.201	43	173913	54.689	ug/l	100
44) Trichloroethene	8.871	130	137378	49.793	ug/l	100
45) 1,2-Dichloropropane	9.146	63	132392	50.949	ug/l	100
46) Dibromomethane	9.237	93	76517	52.923	ug/l	100
47) Bromodichloromethane	9.426	83	197243	51.370	ug/l	100
48) Methyl methacrylate	9.225	41	82355	55.853	ug/l	100
49) 1,4-Dioxane	9.231	88	16238	1144.224	ug/l	100
51) 4-Methyl-2-Pentanone	9.999	43	472885	288.203	ug/l	100
52) Toluene	10.176	92	356029	51.723	ug/l	100
53) t-1,3-Dichloropropene	10.395	75	179810	53.154	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	211622	52.691	ug/l	100
55) 1,1,2-Trichloroethane	10.572	97	101913	53.886	ug/l	100
56) Ethyl methacrylate	10.444	69	137939	57.187	ug/l	100
57) 1,3-Dichloropropane	10.719	76	172259	52.551	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	313349	281.418	ug/l	100
59) 2-Hexanone	10.761	43	327200	301.583	ug/l	100
60) Dibromochloromethane	10.914	129	135595	52.296	ug/l	100
61) 1,2-Dibromoethane	11.017	107	94280	52.819	ug/l	100
64) Tetrachloroethene	10.652	164	129562	49.596	ug/l	100
65) Chlorobenzene	11.444	112	381086	50.233	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	135273	50.434	ug/l	100
67) Ethyl Benzene	11.523	91	685789	51.502	ug/l	100
68) m/p-Xylenes	11.633	106	528037	104.452	ug/l	100
69) o-Xylene	11.956	106	243863	52.341	ug/l	100
70) Styrene	11.974	104	410178	53.068	ug/l	100
71) Bromoform	12.133	173	80342	53.584	ug/l	100
73) Isopropylbenzene	12.255	105	655492	51.212	ug/l	100
74) N-amyl acetate	12.072	43	154403	55.547	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.511	83	118077	52.277	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	79840m	48.762	ug/l	
77) Bromobenzene	12.535	156	150460	50.247	ug/l	100
78) n-propylbenzene	12.596	91	797005	51.272	ug/l	100
79) 2-Chlorotoluene	12.682	91	445409	50.112	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	528974	50.855	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	38697	53.727	ug/l	100
82) 4-Chlorotoluene	12.779	91	462879	50.291	ug/l	100
83) tert-Butylbenzene	12.999	119	475042	51.194	ug/l	100
84) 1,2,4-Trimethylbenzene	13.047	105	531919	51.505	ug/l	100
85) sec-Butylbenzene	13.175	105	708040	51.284	ug/l	100
86) p-Isopropyltoluene	13.297	119	583517	51.302	ug/l	100
87) 1,3-Dichlorobenzene	13.291	146	294406	49.392	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	289572	49.675	ug/l	100
89) n-Butylbenzene	13.620	91	550274	52.392	ug/l	100
90) Hexachloroethane	13.883	117	118465	48.822	ug/l	100
91) 1,2-Dichlorobenzene	13.663	146	258078	50.517	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	17568	51.924	ug/l	100
93) 1,2,4-Trichlorobenzene	14.925	180	147587	52.891	ug/l	100
94) Hexachlorobutadiene	15.029	225	89592	51.220	ug/l	100
95) Naphthalene	15.151	128	256660	53.894	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	125962	53.673	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
Data File : VY021399.D
Acq On : 04 Mar 2025 10:30
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

Quant Time: Mar 05 02:59:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 02:30:51 2025
Response via : Initial Calibration

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

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

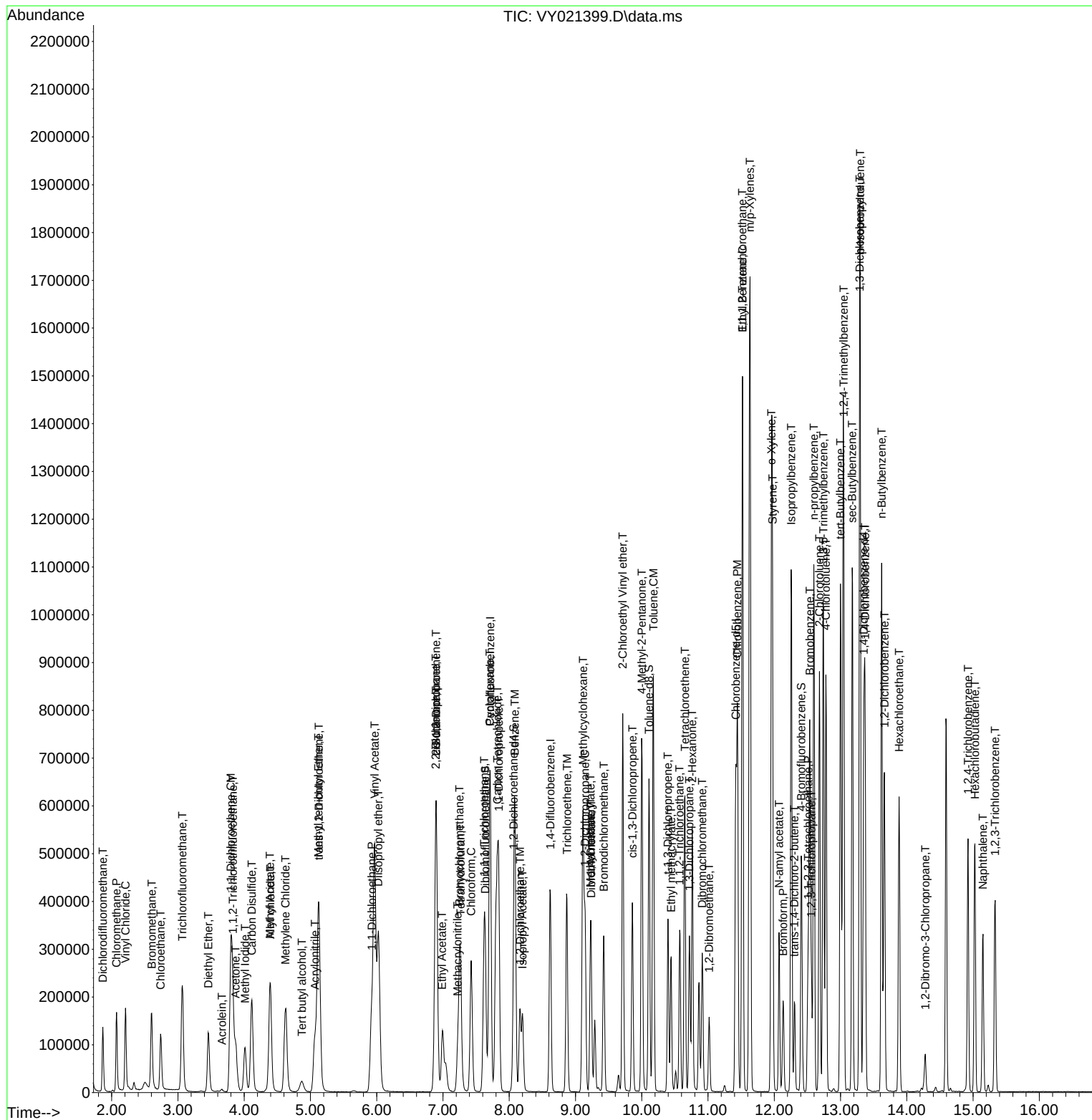
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
Data File : VY021399.D
Acq On : 04 Mar 2025 10:30
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

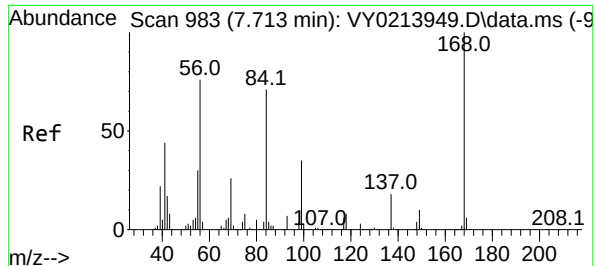
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

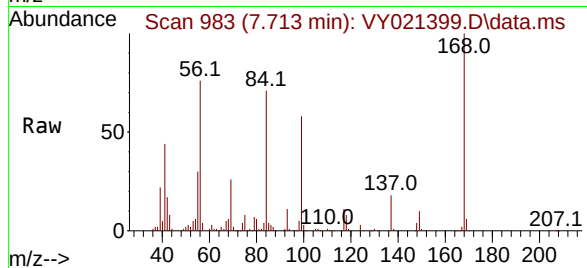
Quant Time: Mar 05 02:59:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 02:30:51 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

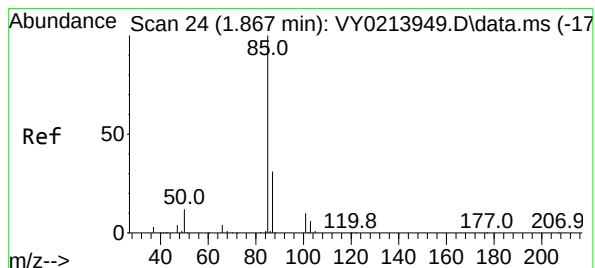
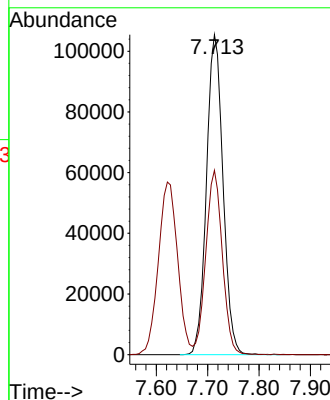
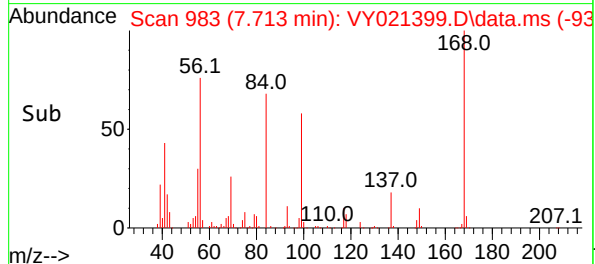
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 235140
Ion Ratio Lower Upper
168 100
99 57.5 46.0 69.0

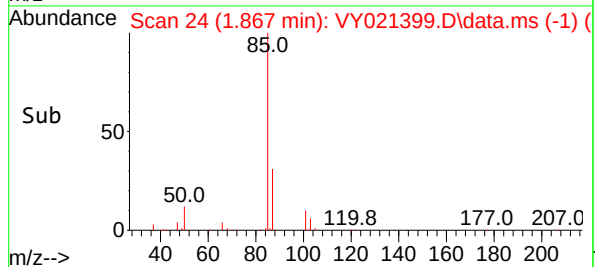
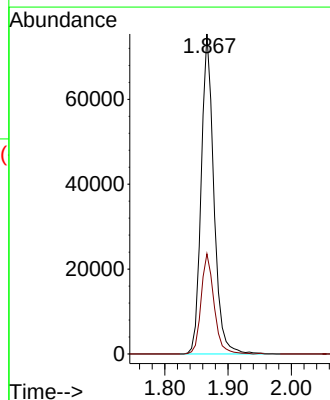
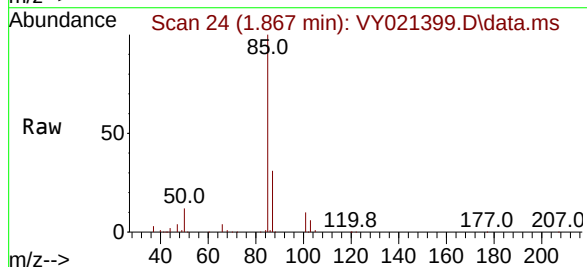
Manual Integrations
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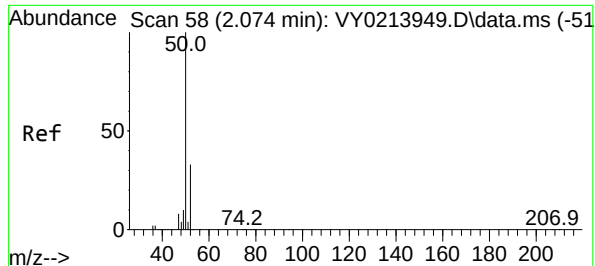
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#2
Dichlorodifluoromethane
Concen: 48.756 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

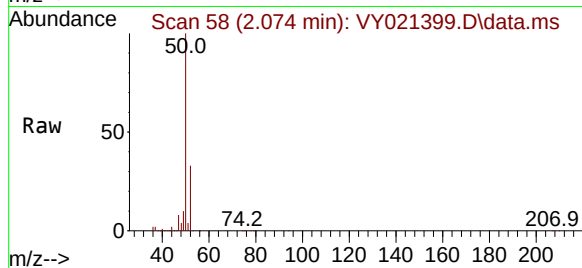
Tgt Ion: 85 Resp: 105206
Ion Ratio Lower Upper
85 100
87 31.3 15.7 47.0





#3
Chloromethane
Concen: 47.700 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

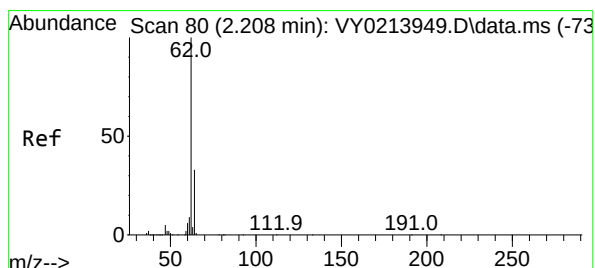
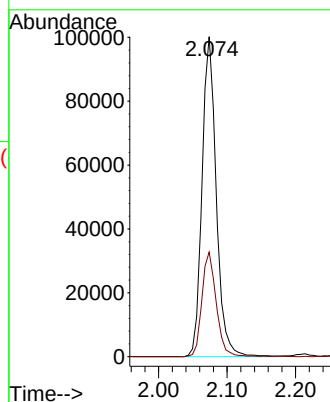
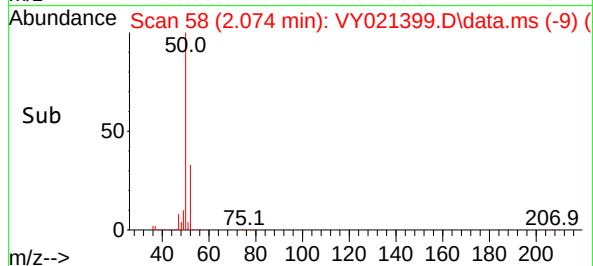
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 50 Resp: 14511
Ion Ratio Lower Upper
50 100
52 32.7 26.2 39.2

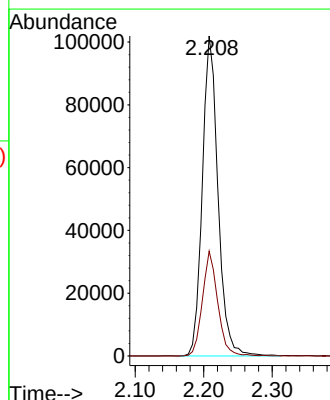
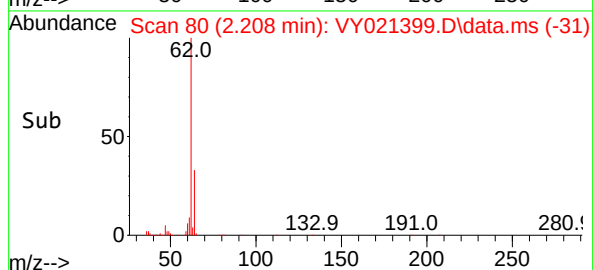
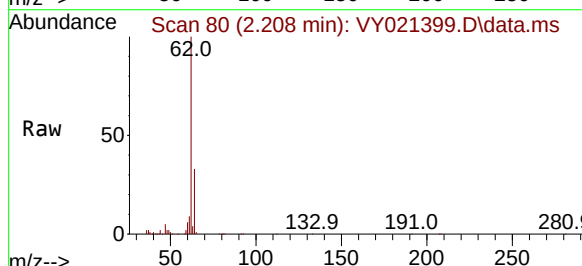
Manual Integrations
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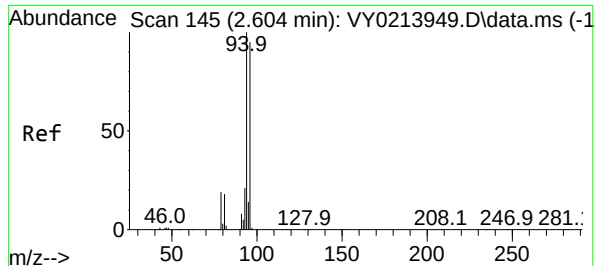
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#4
Vinyl Chloride
Concen: 48.845 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

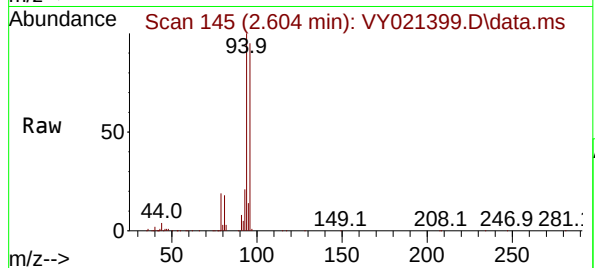
Tgt Ion: 62 Resp: 162385
Ion Ratio Lower Upper
62 100
64 32.7 26.2 39.2





#5
Bromomethane
Concen: 45.784 ug/l
RT: 2.604 min Scan# 145
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

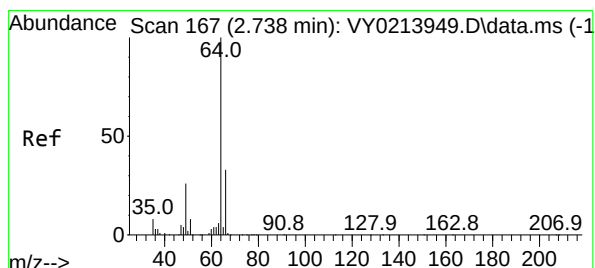
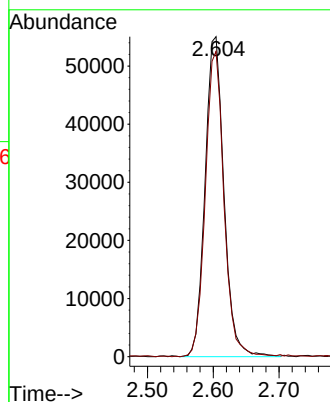
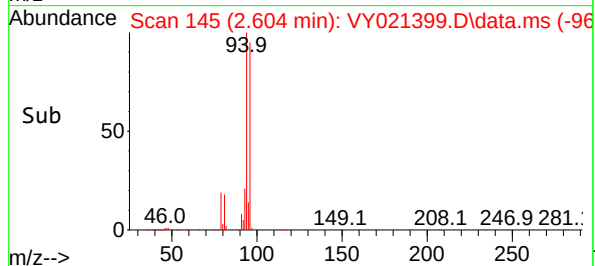
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 94 Resp: 110000
Ion Ratio Lower Upper
94 100
96 95.4 76.3 114.5

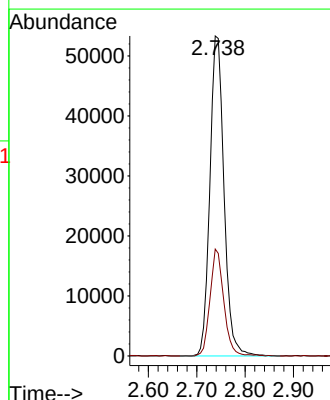
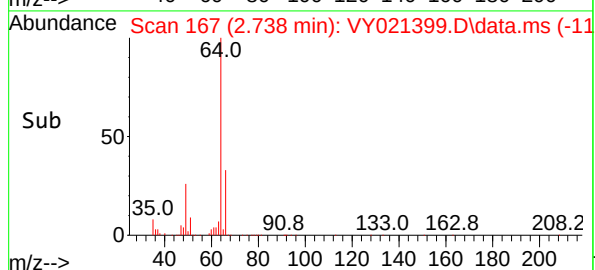
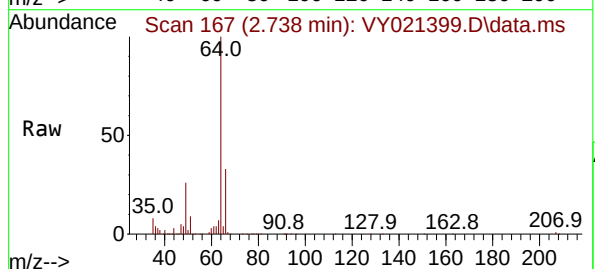
Manual Integrations
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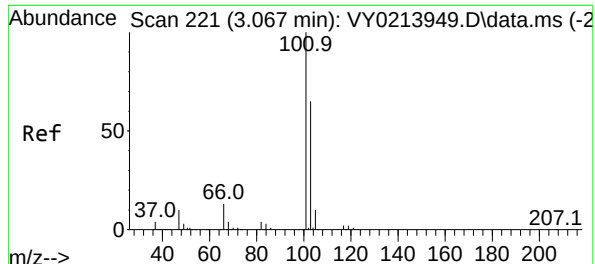
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#6
Chloroethane
Concen: 49.279 ug/l
RT: 2.738 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

Tgt Ion: 64 Resp: 108266
Ion Ratio Lower Upper
64 100
66 33.4 26.7 40.1





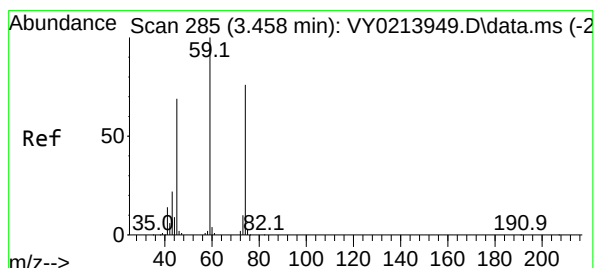
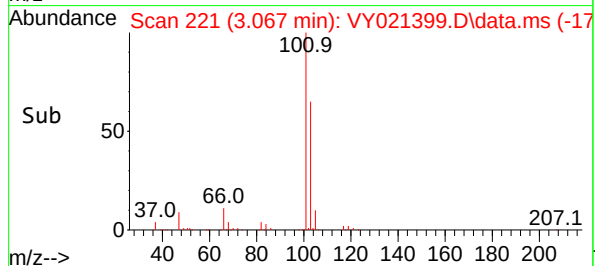
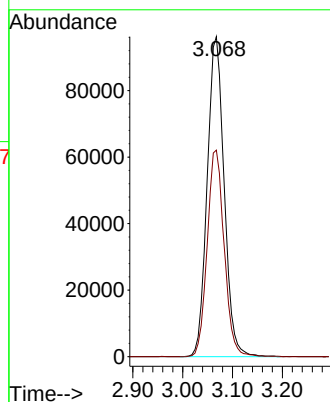
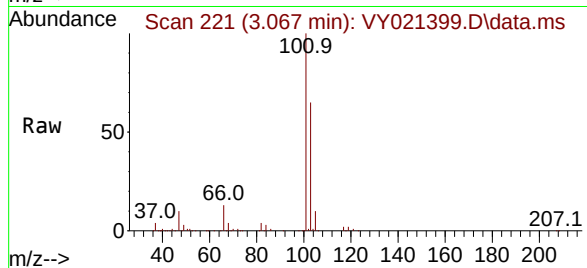
#7
Trichlorofluoromethane
Concen: 48.986 ug/l
RT: 3.067 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 227308
Ion Ratio Lower Upper
101 100
103 64.6 51.7 77.5

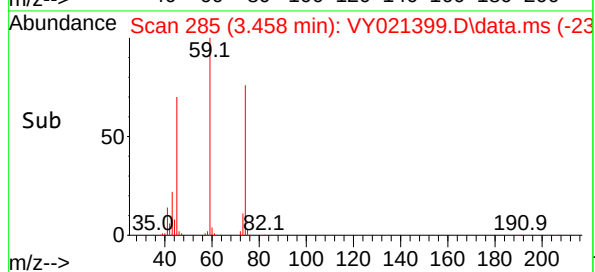
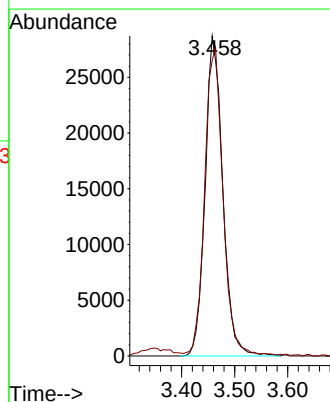
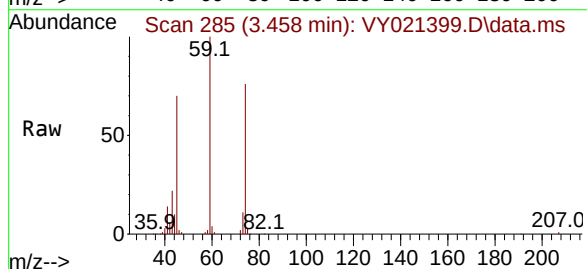
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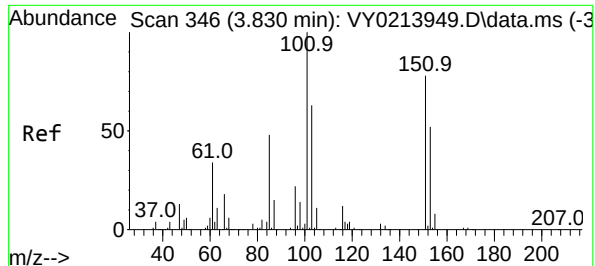
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#8
Diethyl Ether
Concen: 51.720 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

Tgt Ion: 74 Resp: 66509
Ion Ratio Lower Upper
74 100
45 99.4 49.7 149.1





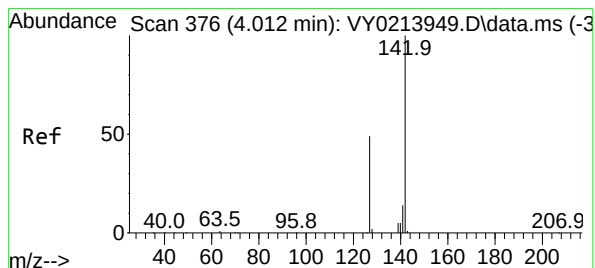
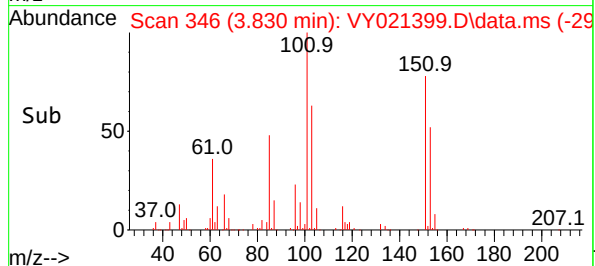
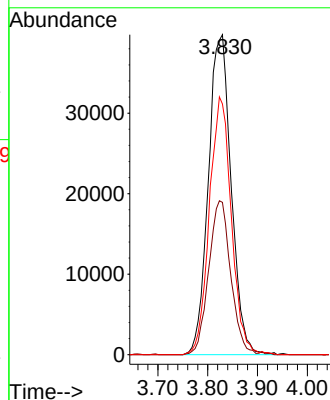
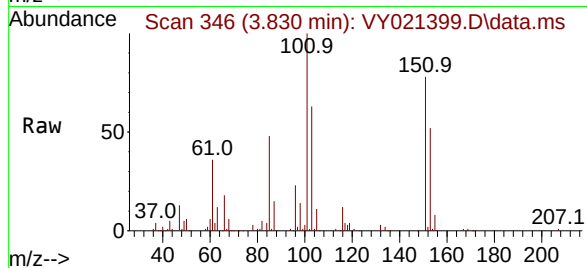
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.753 ug/l
RT: 3.830 min Scan# 346
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 126512
Ion Ratio Lower Upper
101 100
85 46.4 37.1 55.7
151 77.6 62.1 93.1

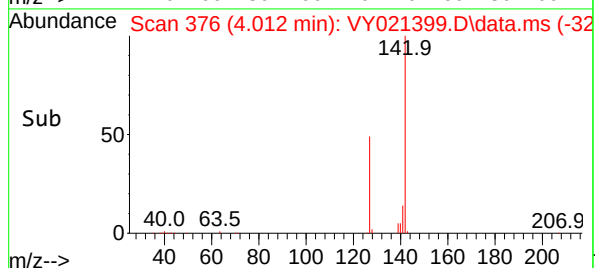
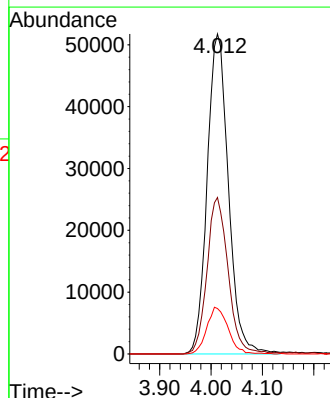
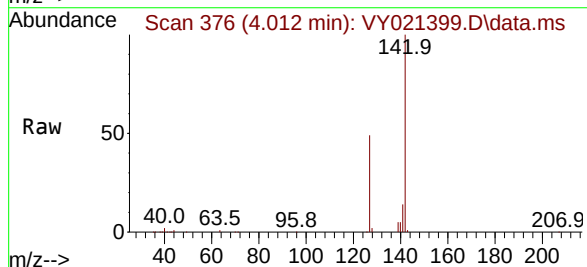
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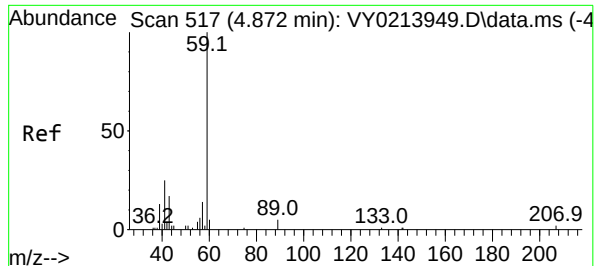
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#10
Methyl Iodide
Concen: 55.210 ug/l
RT: 4.012 min Scan# 376
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

Tgt Ion:142 Resp: 148683
Ion Ratio Lower Upper
142 100
127 48.9 39.1 58.7
141 14.7 11.8 17.6





#11

Tert butyl alcohol

Concen: 277.793 ug/l

RT: 4.872 min Scan# 517

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 59 Resp: 44470

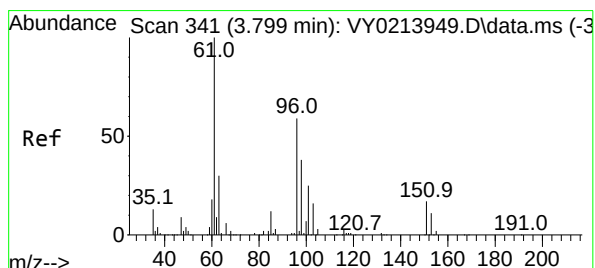
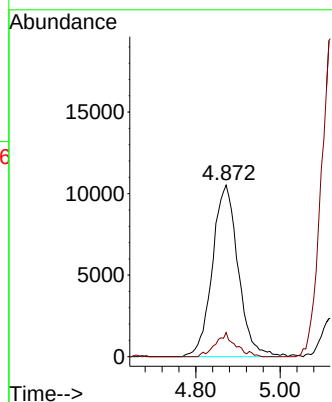
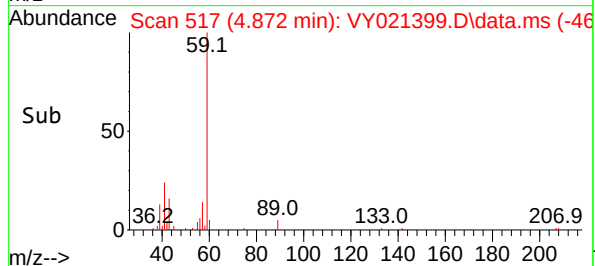
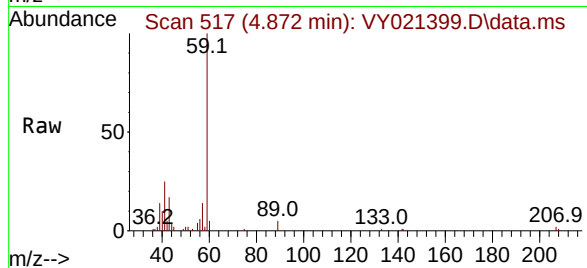
Ion Ratio Lower Upper

59 100

57 10.3 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#12

1,1-Dichloroethene

Concen: 49.262 ug/l

RT: 3.799 min Scan# 341

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

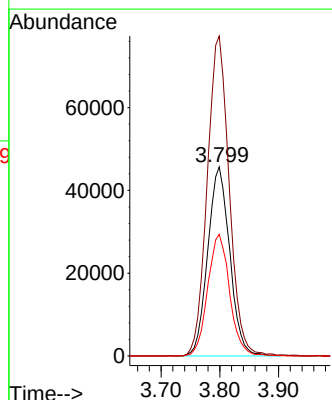
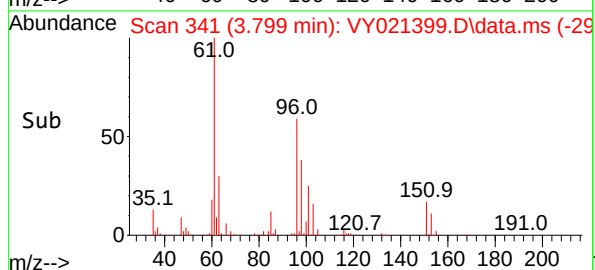
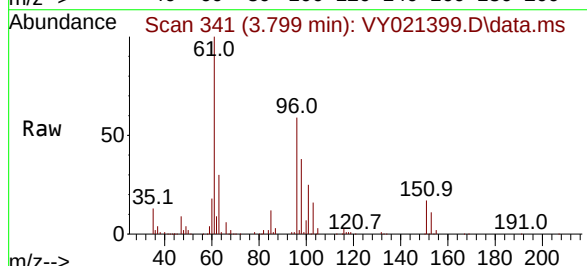
Tgt Ion: 96 Resp: 118986

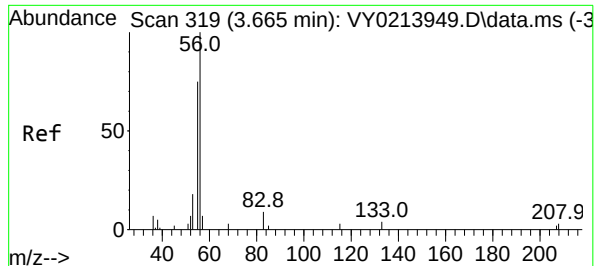
Ion Ratio Lower Upper

96 100

61 169.0 135.2 202.8

98 64.3 51.4 77.2





#13

Acrolein

Concen: 42.354 ug/l

RT: 3.665 min Scan# 319

Delta R.T. -0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 56 Resp: 5354

Ion Ratio Lower Upper

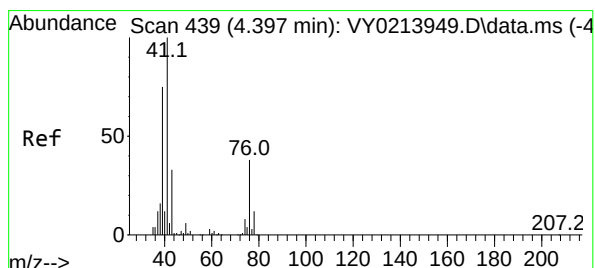
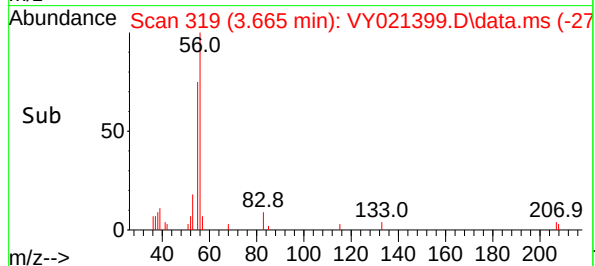
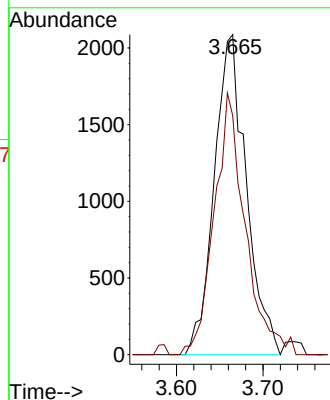
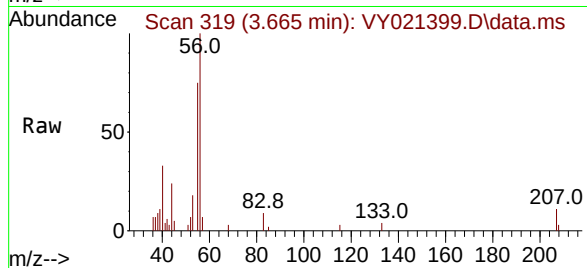
56 100

55 79.3 63.4 95.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#14

Allyl chloride

Concen: 50.708 ug/l

RT: 4.397 min Scan# 439

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

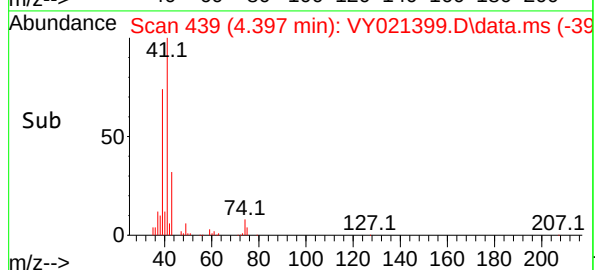
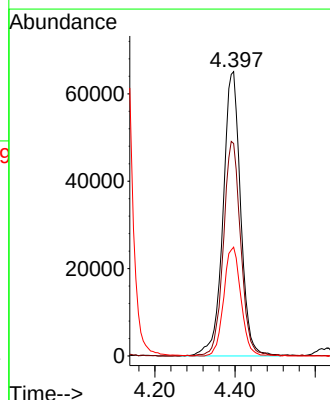
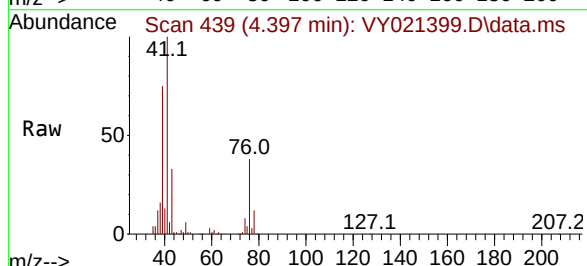
Tgt Ion: 41 Resp: 197932

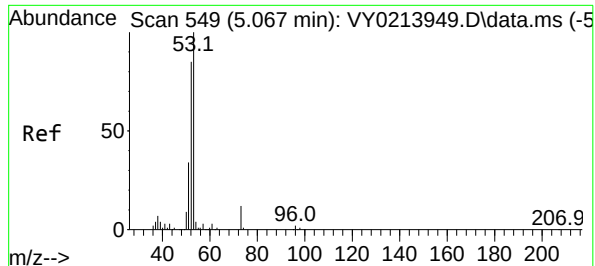
Ion Ratio Lower Upper

41 100

39 74.1 59.3 88.9

76 37.3 29.8 44.8





#15

Acrylonitrile

Concen: 268.329 ug/l

RT: 5.067 min Scan# 549

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 53 Resp: 14688

Ion Ratio Lower Upper

53 100

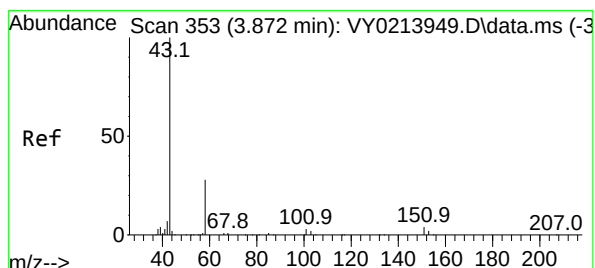
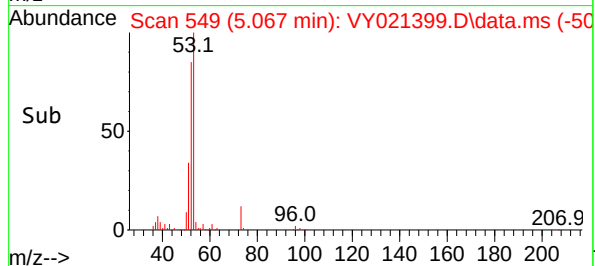
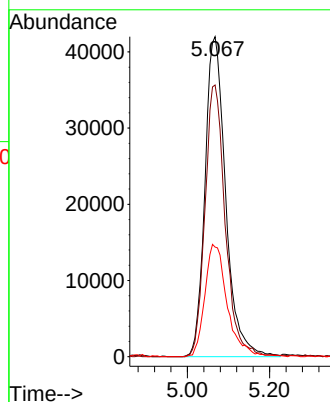
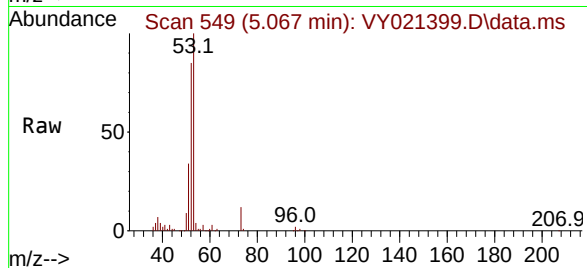
52 82.9 66.3 99.5

51 37.9 30.3 45.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#16

Acetone

Concen: 291.440 ug/l

RT: 3.872 min Scan# 353

Delta R.T. 0.000 min

Lab File: VY021399.D

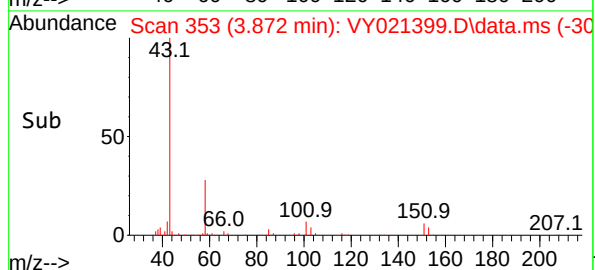
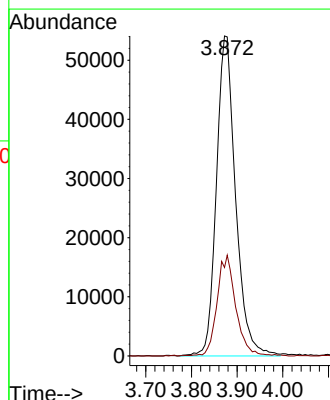
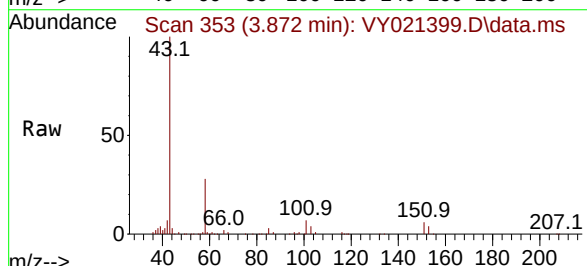
Acq: 04 Mar 2025 10:30

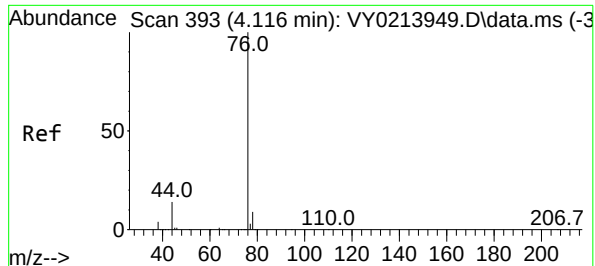
Tgt Ion: 43 Resp: 157979

Ion Ratio Lower Upper

43 100

58 27.6 22.1 33.1





#17

Carbon Disulfide

Concen: 50.664 ug/l

RT: 4.116 min Scan# 393

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 383514

Ion Ratio Lower Upper

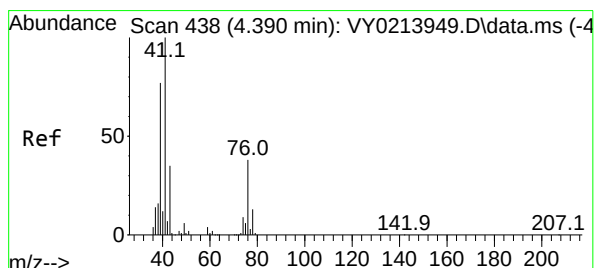
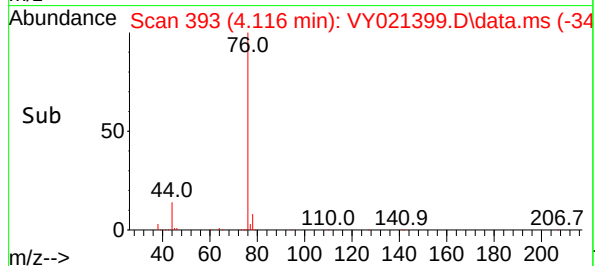
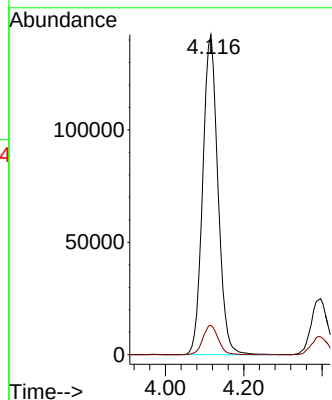
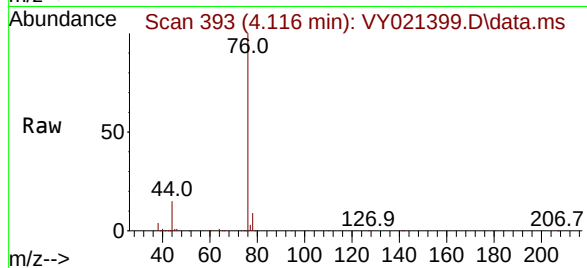
76 100

78 9.2 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#18

Methyl Acetate

Concen: 55.606 ug/l

RT: 4.390 min Scan# 438

Delta R.T. 0.000 min

Lab File: VY021399.D

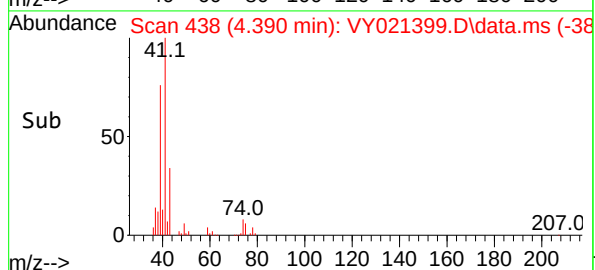
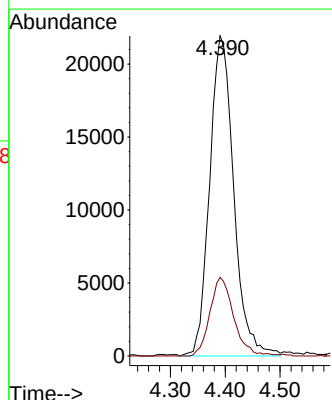
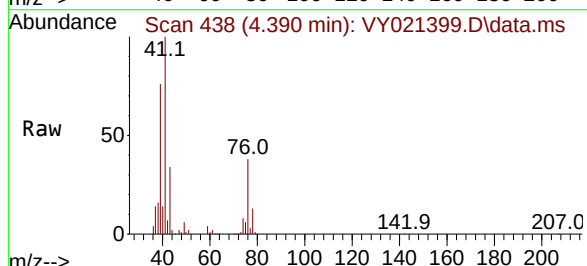
Acq: 04 Mar 2025 10:30

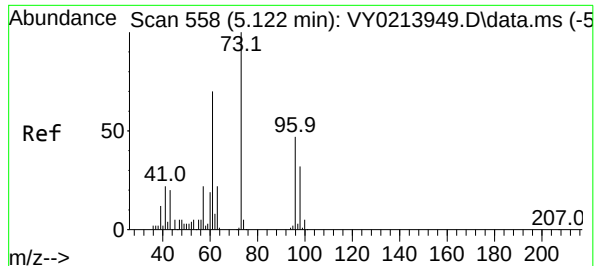
Tgt Ion: 43 Resp: 66880

Ion Ratio Lower Upper

43 100

74 24.2 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 52.463 ug/l

RT: 5.122 min Scan# 511

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 73 Resp: 321178

Ion Ratio Lower Upper

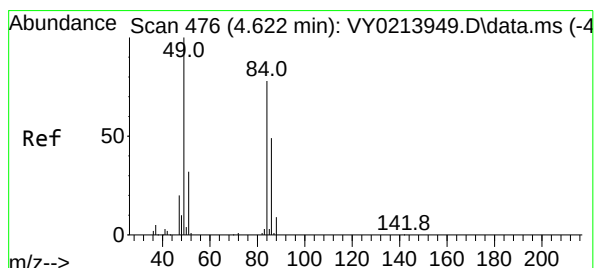
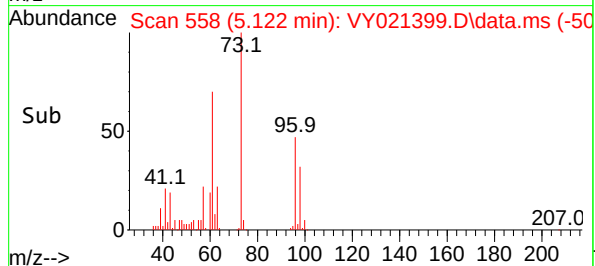
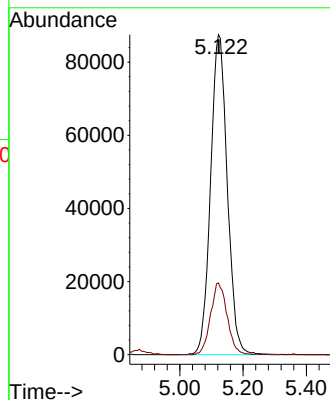
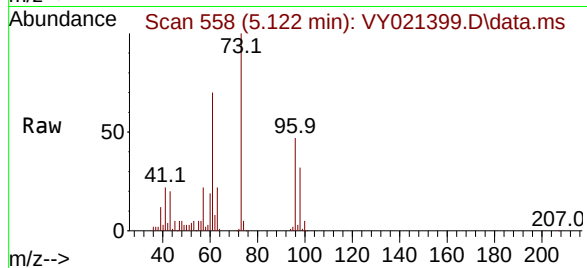
73 100

57 22.4 17.9 26.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
 Supervised By :Semsettin Yesilyurt 03/06/2025



#20

Methylene Chloride

Concen: 45.588 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Tgt Ion: 84 Resp: 129715

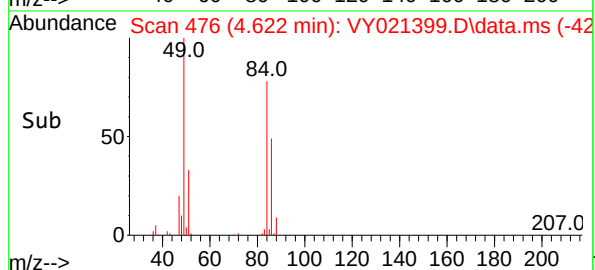
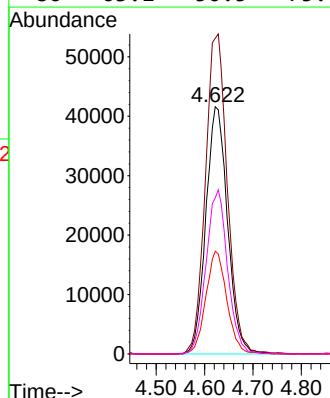
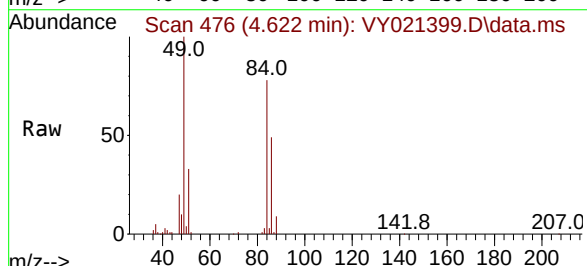
Ion Ratio Lower Upper

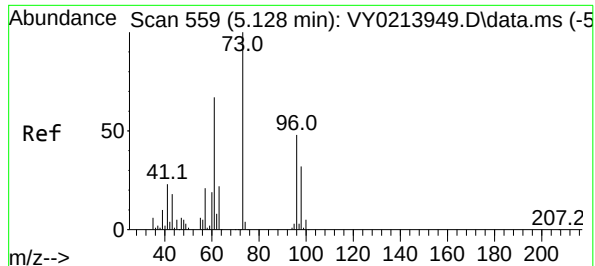
84 100

49 127.5 102.0 153.0

51 41.3 33.0 49.6

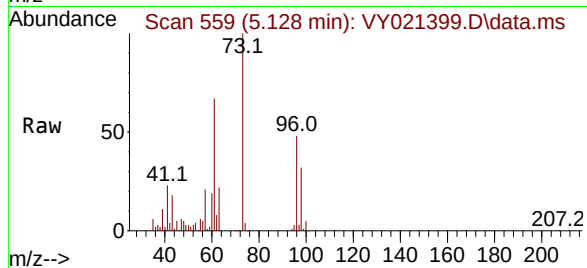
86 63.1 50.5 75.7





#21
trans-1,2-Dichloroethene
Concen: 49.068 ug/l
RT: 5.128 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

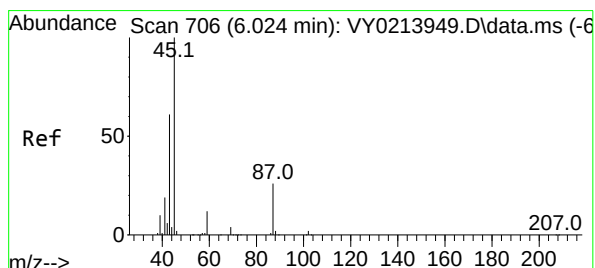
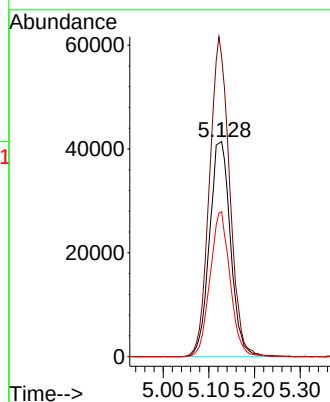
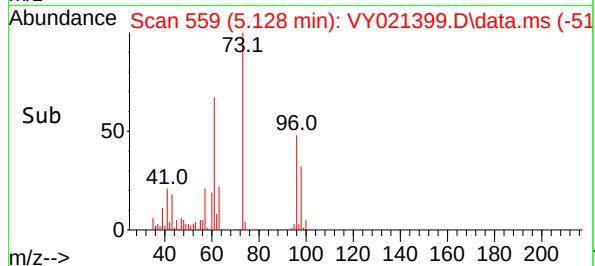
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 13273
Ion Ratio Lower Upper
96 100
61 139.4 111.5 167.3
98 67.3 53.8 80.8

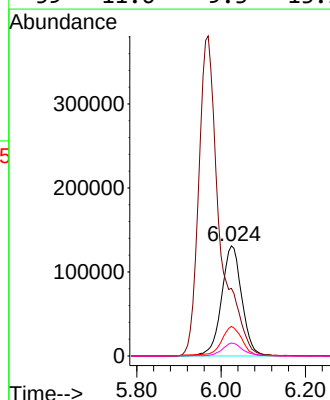
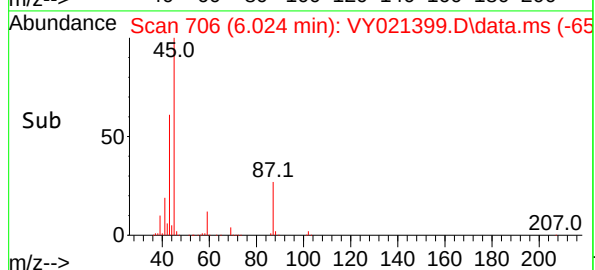
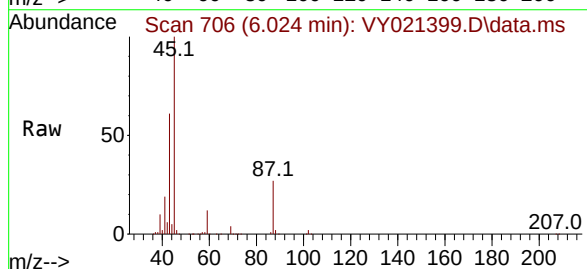
Manual Integrations
APPROVED

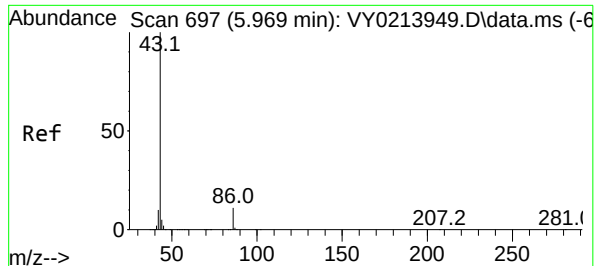
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#22
Diisopropyl ether
Concen: 51.747 ug/l
RT: 6.024 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

Tgt Ion: 45 Resp: 435305
Ion Ratio Lower Upper
45 100
43 60.9 48.7 73.1
87 26.9 21.5 32.3
59 11.6 9.3 13.9





#23

Vinyl Acetate

Concen: 271.918 ug/l

RT: 5.969 min Scan# 697

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 130544

Ion Ratio Lower Upper

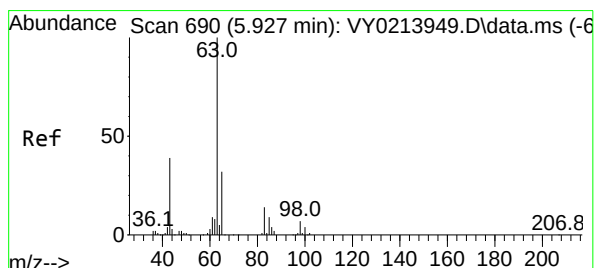
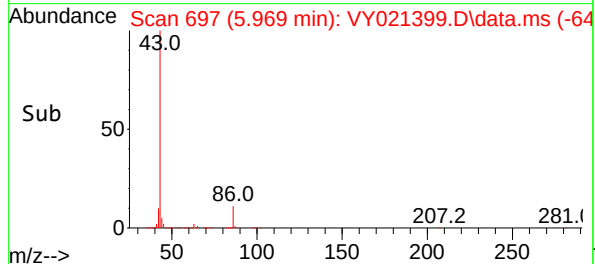
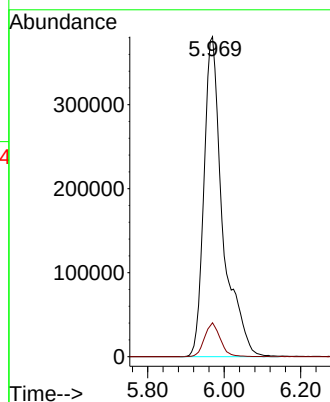
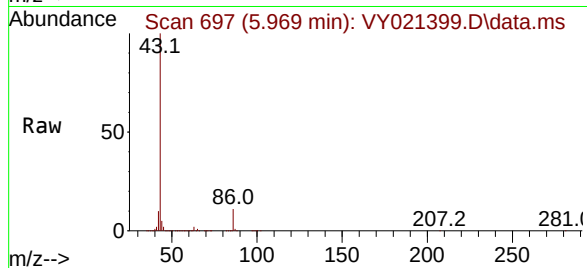
43 100

86 10.6 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#24

1,1-Dichloroethane

Concen: 49.750 ug/l

RT: 5.927 min Scan# 690

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

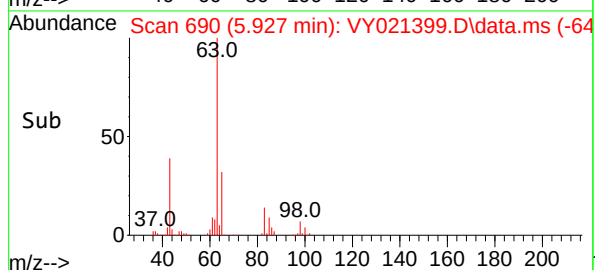
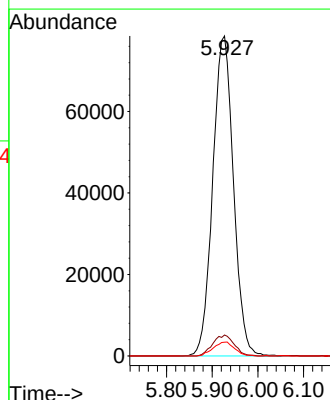
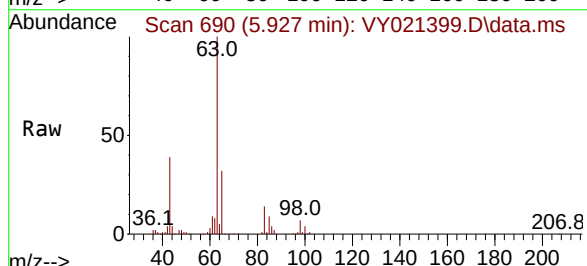
Tgt Ion: 63 Resp: 247003

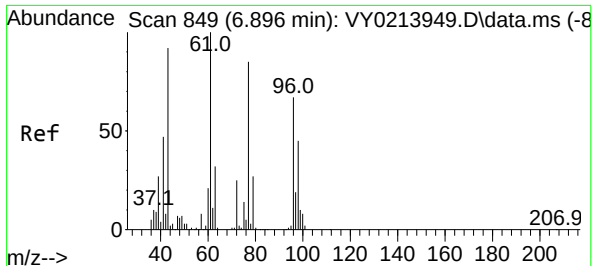
Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.9

100 4.3 2.1 6.5





#25

2-Butanone

Concen: 283.093 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 212274

Ion Ratio Lower Upper

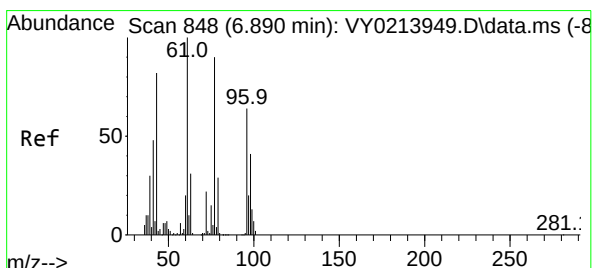
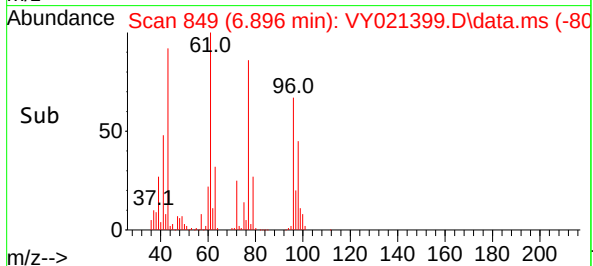
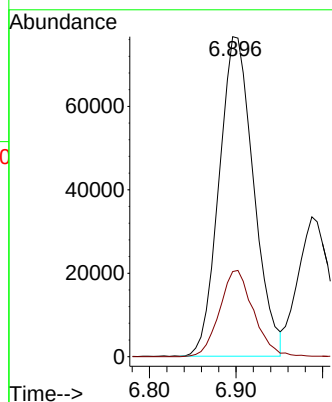
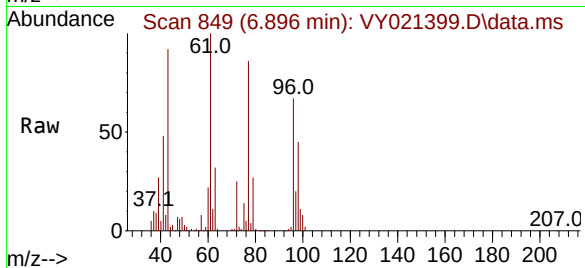
43 100

72 26.7 21.4 32.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#26

2,2-Dichloropropane

Concen: 48.295 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021399.D

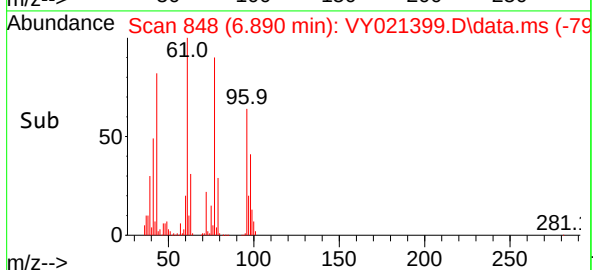
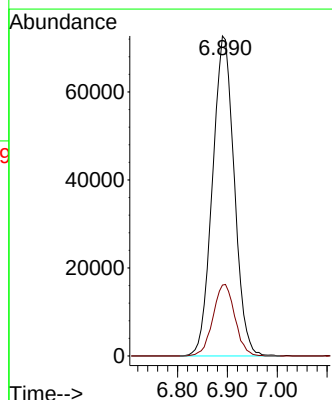
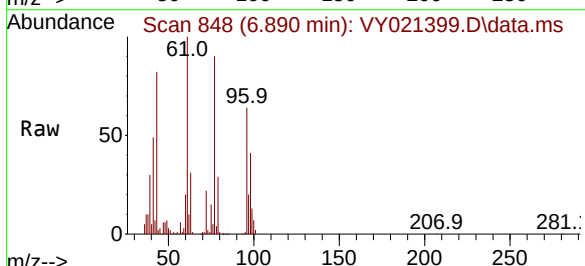
Acq: 04 Mar 2025 10:30

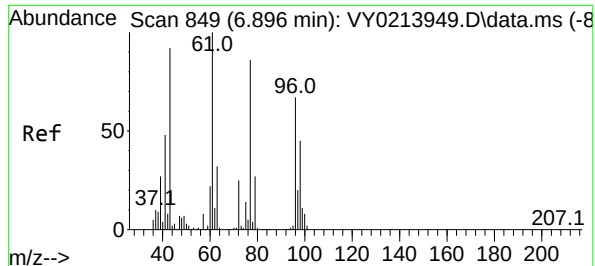
Tgt Ion: 77 Resp: 220625

Ion Ratio Lower Upper

77 100

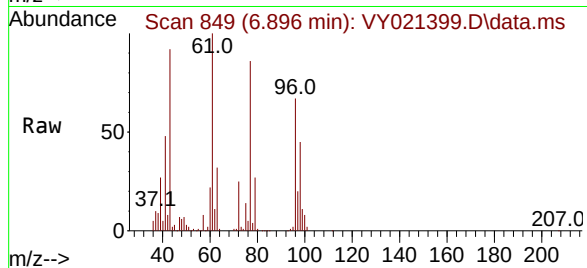
97 22.5 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 50.078 ug/l
 RT: 6.896 min Scan# 849
 Delta R.T. 0.000 min
 Lab File: VY021399.D
 Acq: 04 Mar 2025 10:30

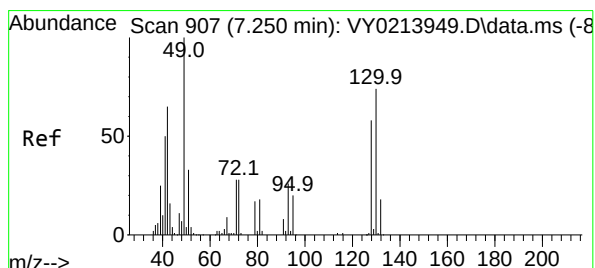
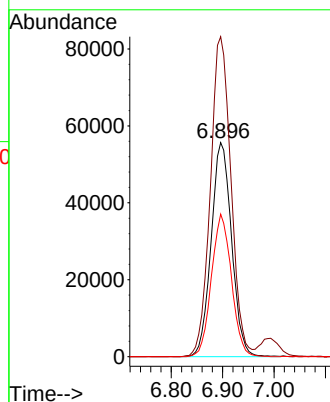
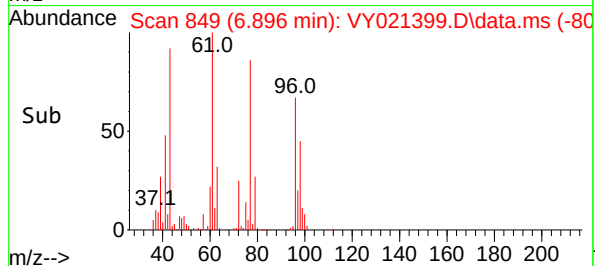
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 96 Resp: 15389
 Ion Ratio Lower Upper
 96 100
 61 150.4 0.0 300.8
 98 65.0 0.0 130.0

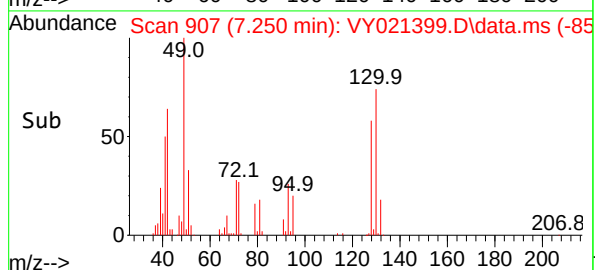
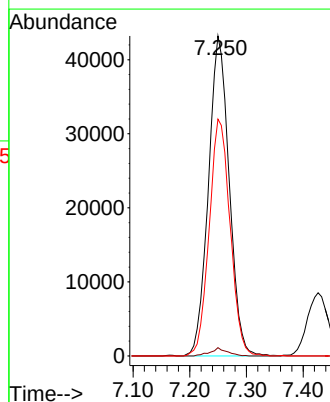
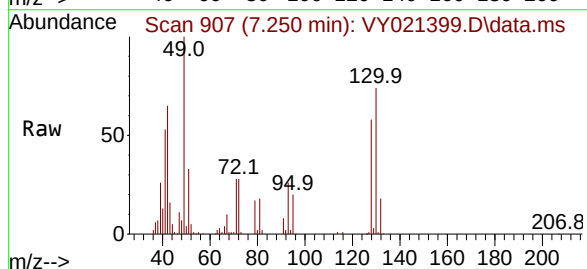
Manual Integrations
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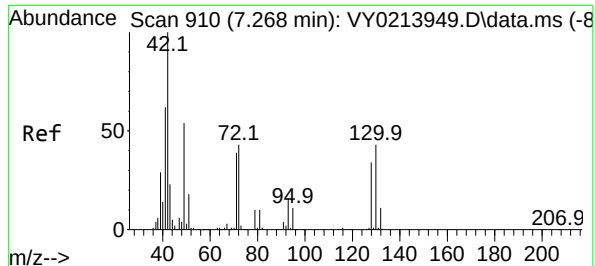
Reviewed By :Mahesh Dadoda 03/06/2025
 Supervised By :Semsettin Yesilyurt 03/06/2025



#28
 Bromochloromethane
 Concen: 52.805 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.000 min
 Lab File: VY021399.D
 Acq: 04 Mar 2025 10:30

Tgt Ion: 49 Resp: 109912
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 74.5 59.6 89.4





#29

Tetrahydrofuran

Concen: 280.779 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 129970

Ion Ratio Lower Upper

42 100

72 43.5 34.8 52.2

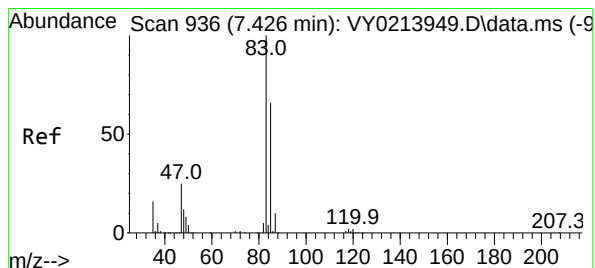
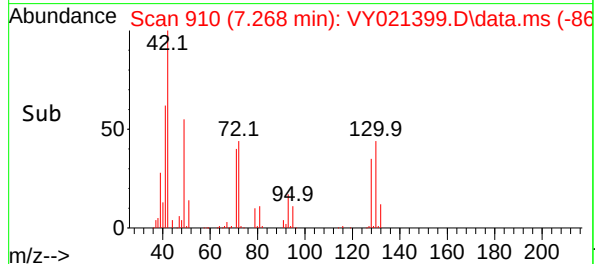
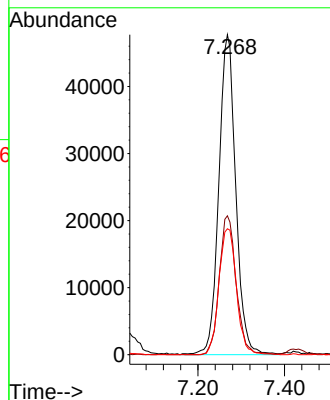
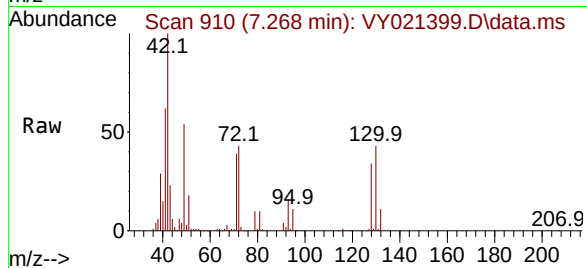
71 40.7 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#30

Chloroform

Concen: 49.593 ug/l

RT: 7.426 min Scan# 936

Delta R.T. 0.000 min

Lab File: VY021399.D

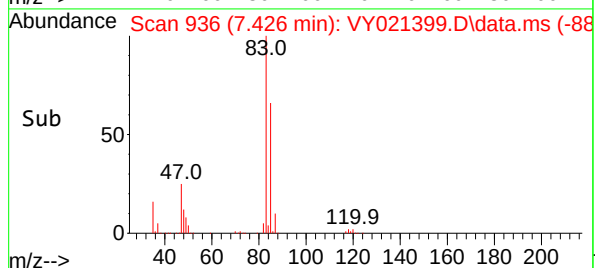
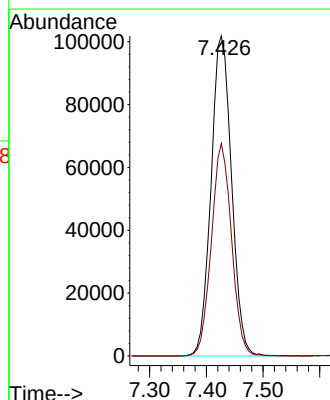
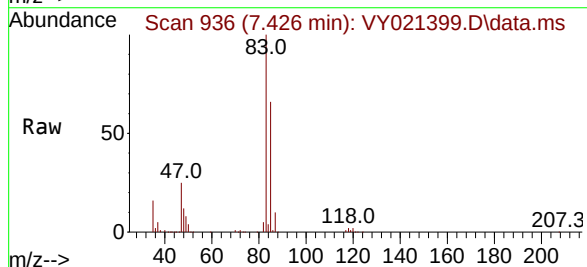
Acq: 04 Mar 2025 10:30

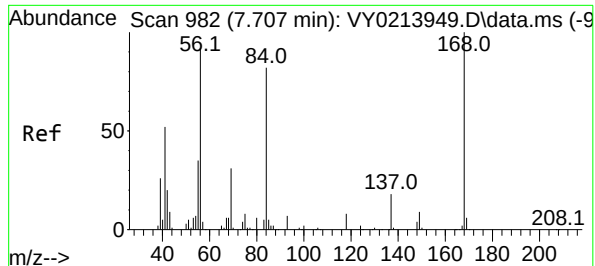
Tgt Ion: 83 Resp: 255675

Ion Ratio Lower Upper

83 100

85 66.4 53.1 79.7





#31

Cyclohexane

Concen: 47.519 ug/l

RT: 7.707 min Scan# 982

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 56 Resp: 22118

Ion Ratio Lower Upper

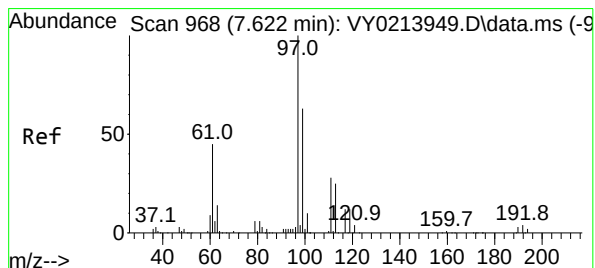
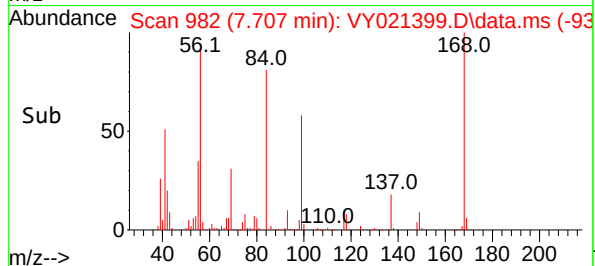
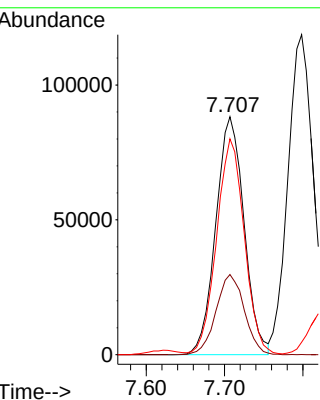
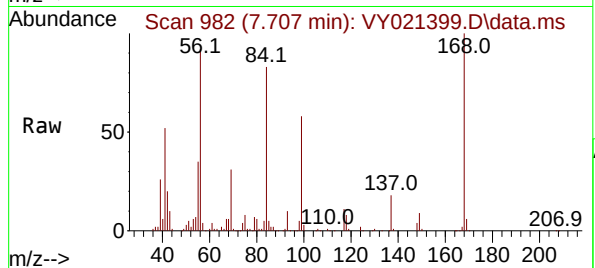
56 100

69 33.7 27.0 40.4

84 88.9 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#32

1,1,1-Trichloroethane

Concen: 48.727 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

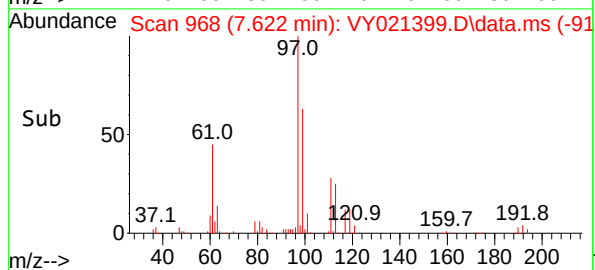
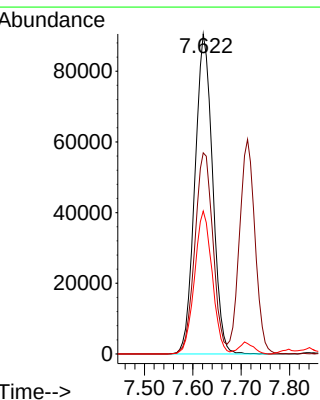
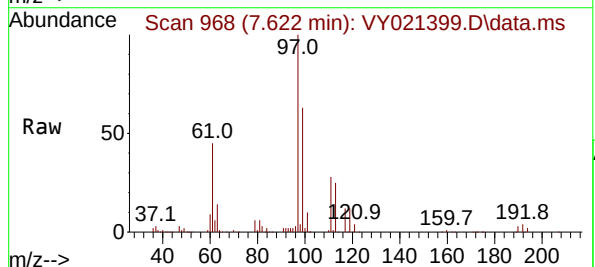
Tgt Ion: 97 Resp: 230018

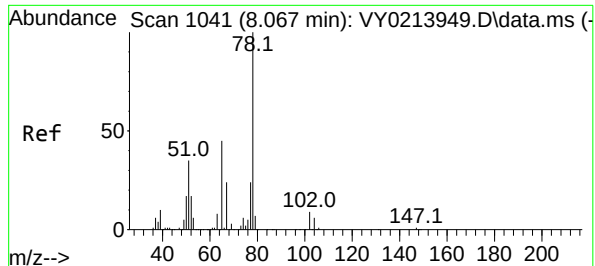
Ion Ratio Lower Upper

97 100

99 64.6 51.7 77.5

61 44.6 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 45.625 ug/l

RT: 8.067 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 11339

Ion Ratio Lower Upper

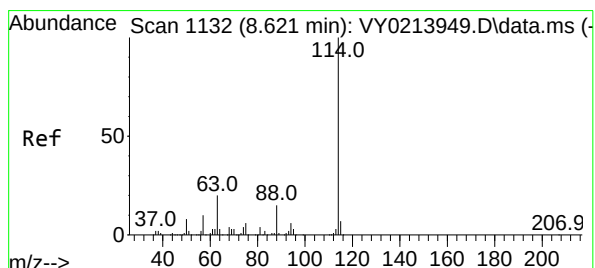
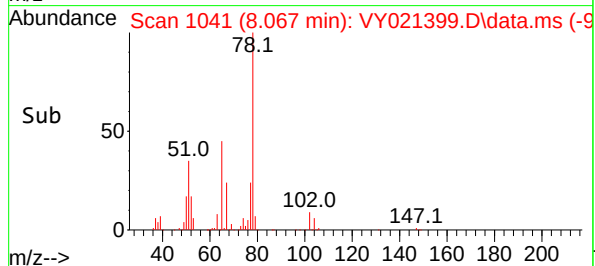
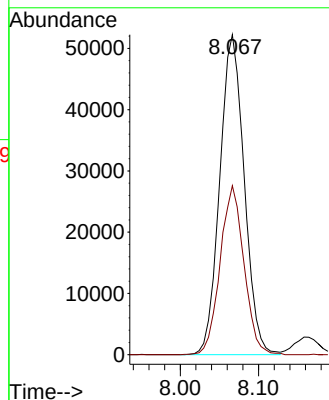
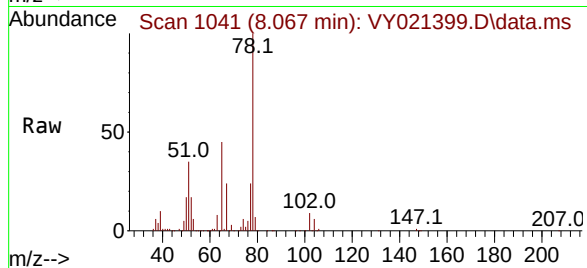
65 100

67 51.4 0.0 102.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.621 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

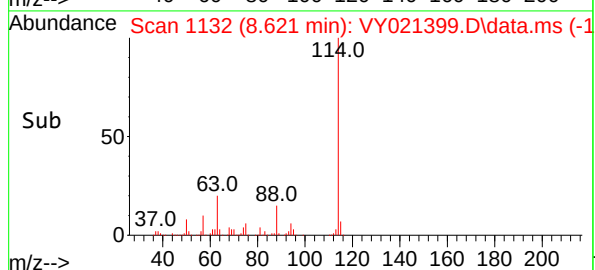
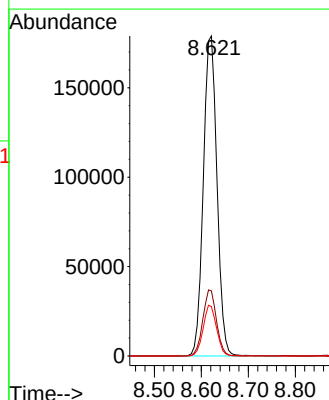
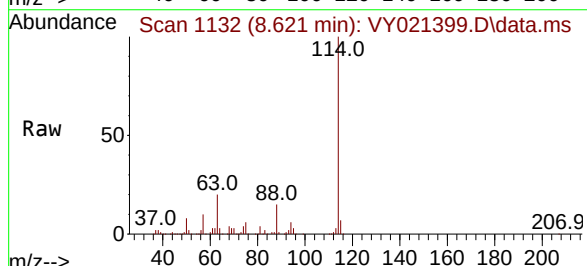
Tgt Ion:114 Resp: 360221

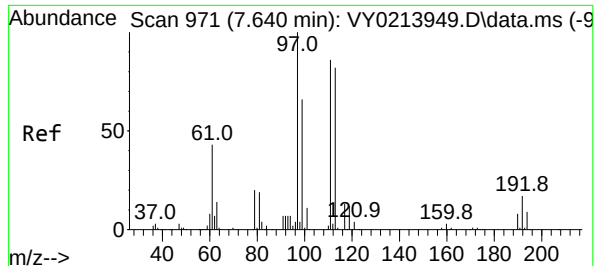
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

88 15.4 0.0 30.8





#35

Dibromofluoromethane

Concen: 44.973 ug/l

RT: 7.640 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion:113 Resp: 10648

Ion Ratio Lower Upper

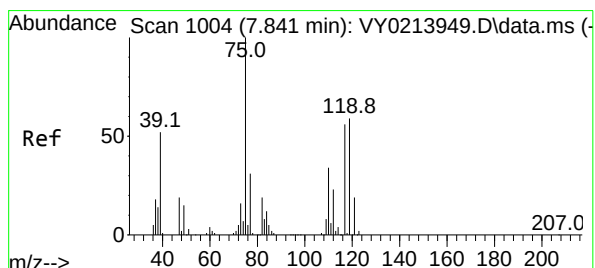
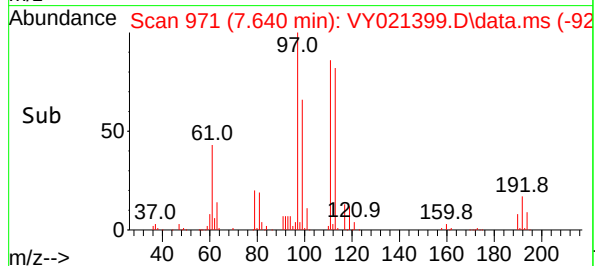
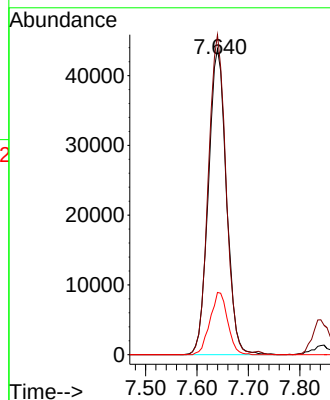
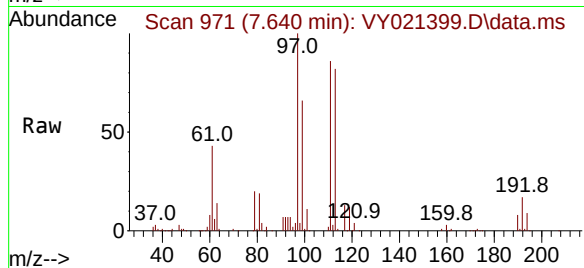
113 100

111 102.5 82.0 123.0

192 19.9 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#36

1,1-Dichloropropene

Concen: 50.340 ug/l

RT: 7.841 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

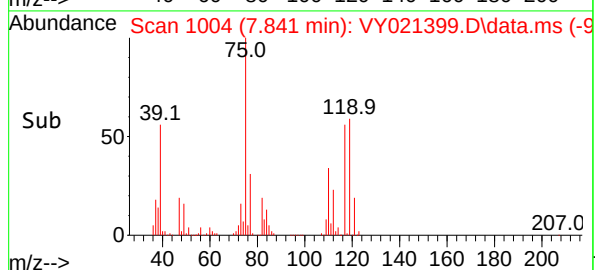
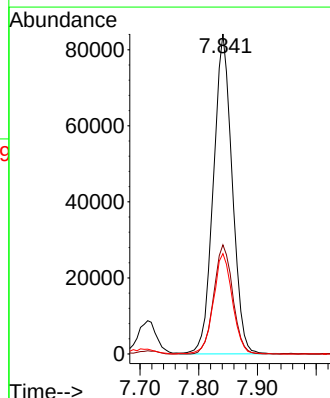
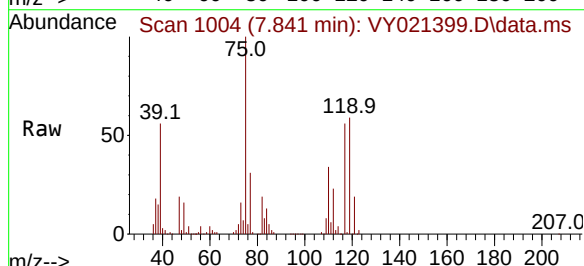
Tgt Ion: 75 Resp: 186577

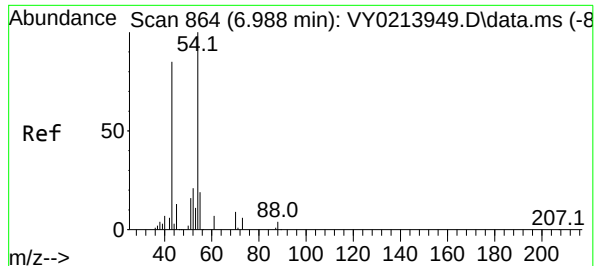
Ion Ratio Lower Upper

75 100

110 34.5 17.3 51.7

77 31.8 25.4 38.2





#37

Ethyl Acetate

Concen: 53.423 ug/l

RT: 6.988 min Scan# 864

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

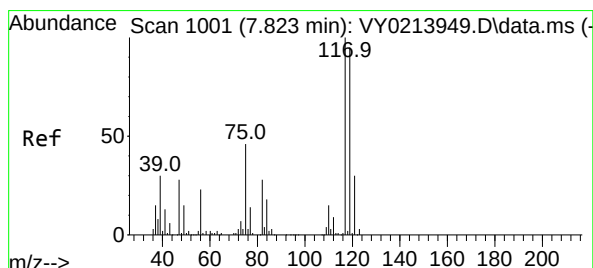
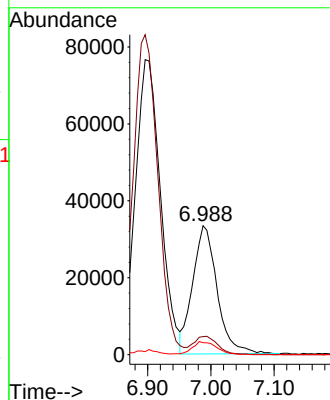
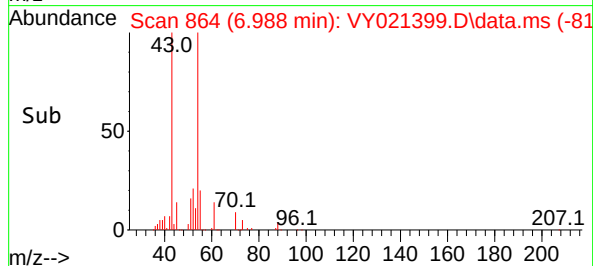
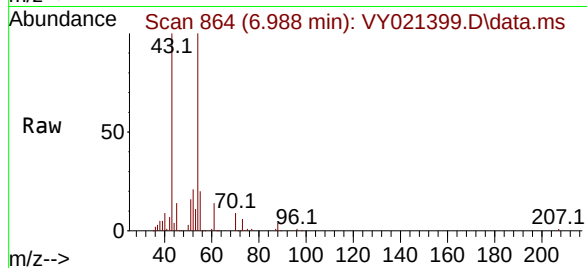
VSTDICCC050

Tgt Ion:	43	Resp:	8931
Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.4	17.0
70	10.2	8.2	12.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#38

Carbon Tetrachloride

Concen: 49.573 ug/l

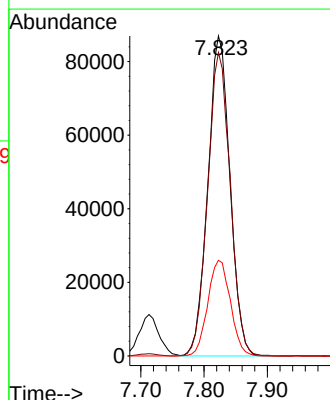
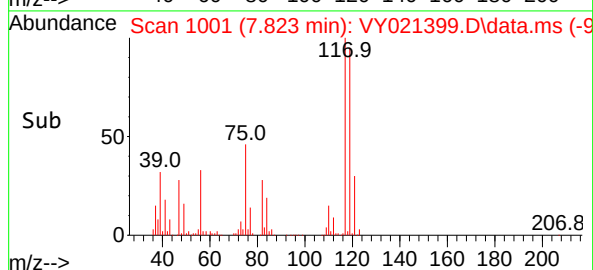
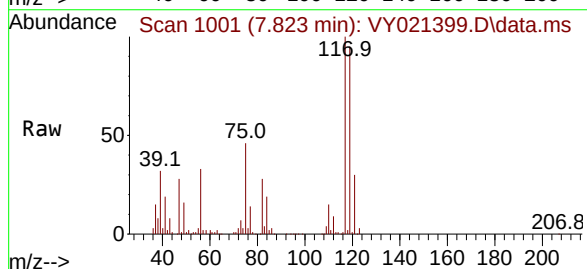
RT: 7.823 min Scan# 1001

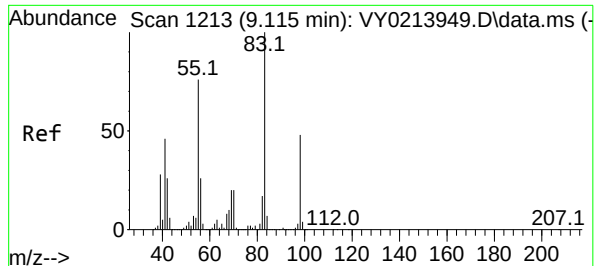
Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Tgt Ion:	117	Resp:	211310
Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.8	113.8
121	29.9	23.9	35.9





#39

Methylcyclohexane

Concen: 51.585 ug/l

RT: 9.115 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 234520

Ion Ratio Lower Upper

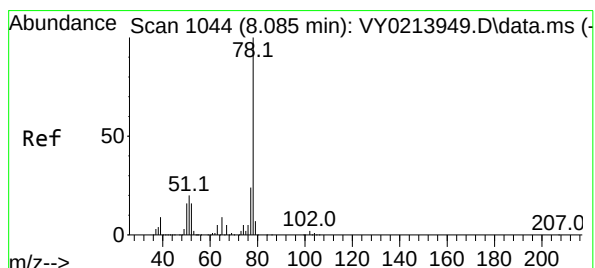
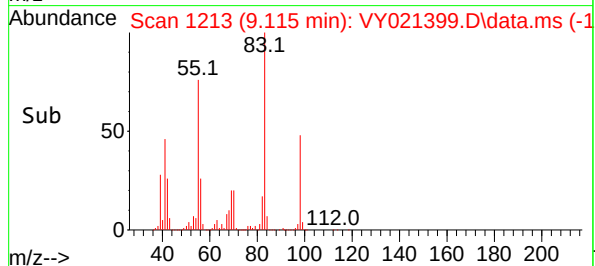
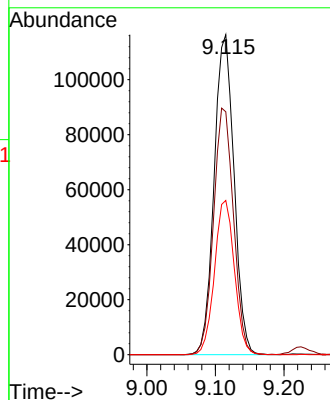
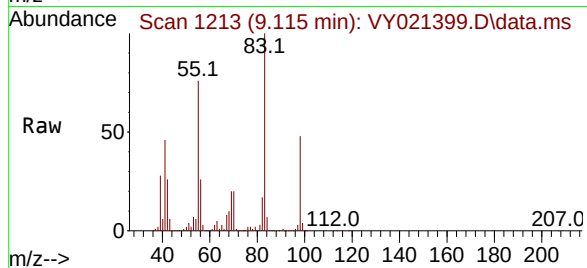
83 100

55 75.9 60.7 91.1

98 48.2 38.6 57.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#40

Benzene

Concen: 50.867 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VY021399.D

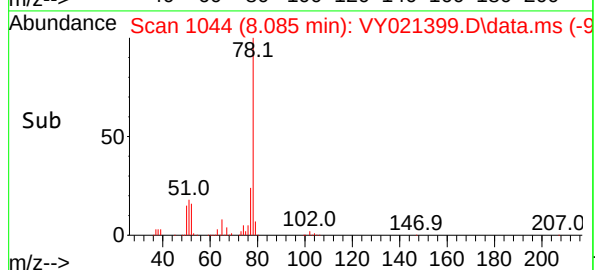
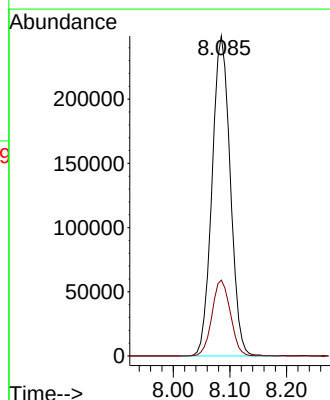
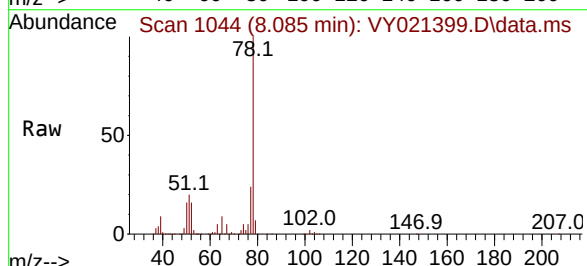
Acq: 04 Mar 2025 10:30

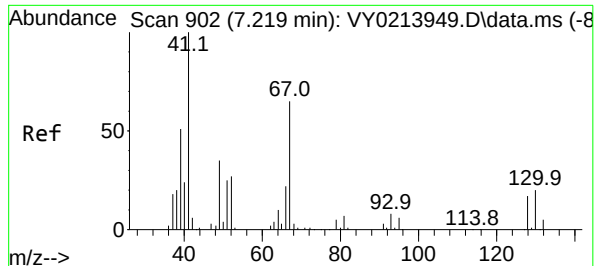
Tgt Ion: 78 Resp: 555364

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.4





#41

Methacrylonitrile

Concen: 51.774 ug/l

RT: 7.219 min Scan# 902

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 41 Resp: 4714

Ion Ratio Lower Upper

41 100

39 43.8 35.0 52.6

67 76.5 61.2 91.8

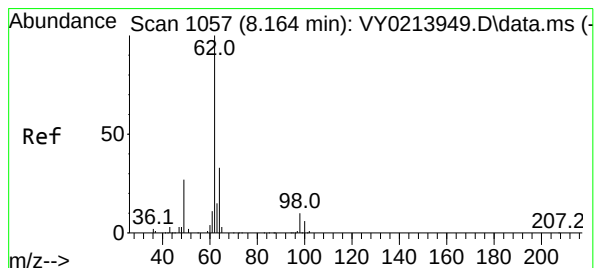
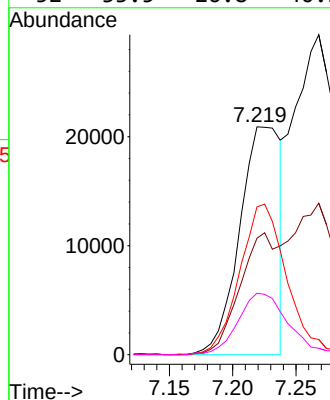
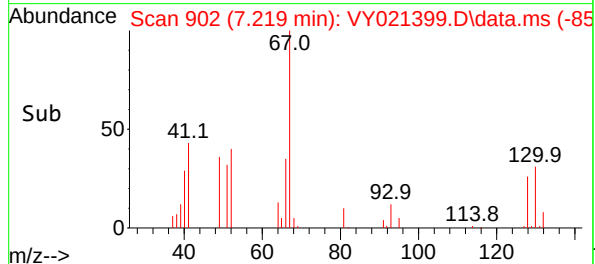
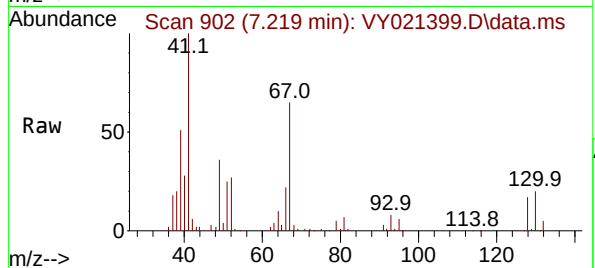
52 33.5 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#42

1,2-Dichloroethane

Concen: 51.469 ug/l

RT: 8.164 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VY021399.D

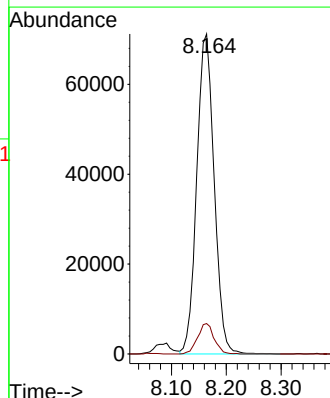
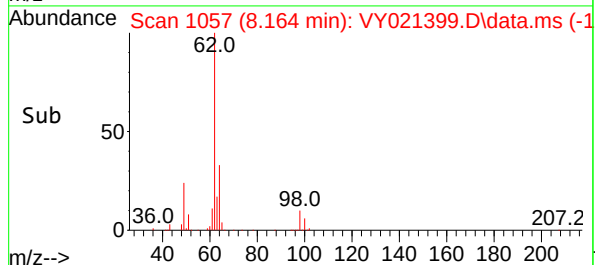
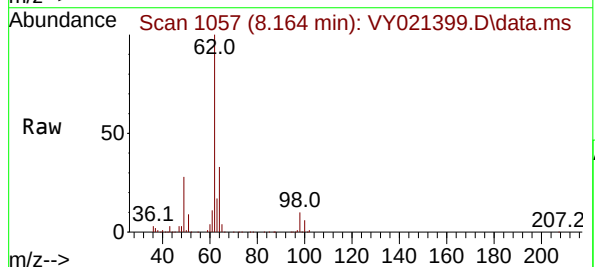
Acq: 04 Mar 2025 10:30

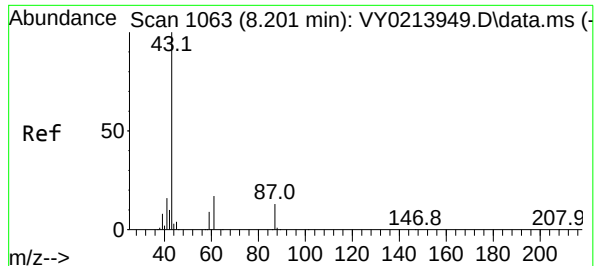
Tgt Ion: 62 Resp: 157205

Ion Ratio Lower Upper

62 100

98 9.1 0.0 18.2





#43

Isopropyl Acetate

Concen: 54.689 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 17391

Ion Ratio Lower Upper

43 100

61 29.2 23.4 35.0

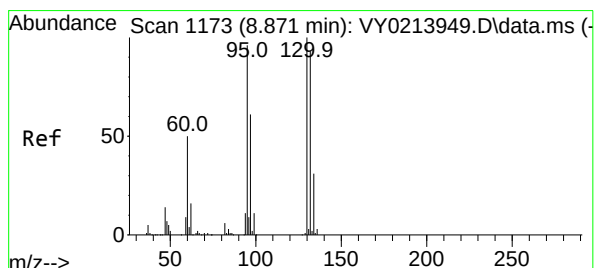
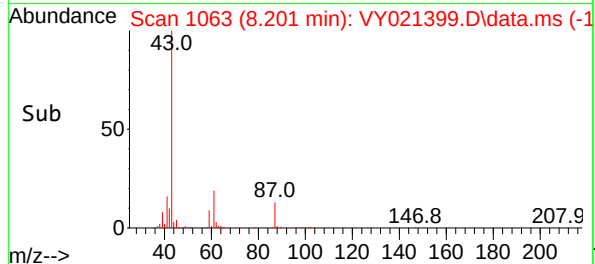
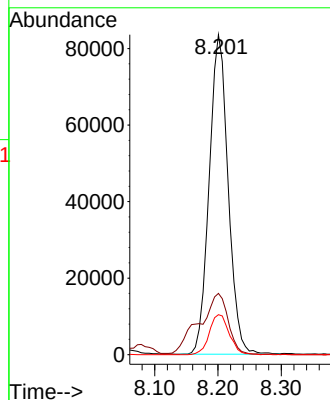
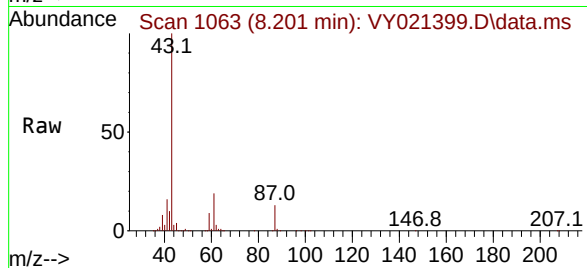
87 13.1 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#44

Trichloroethene

Concen: 49.793 ug/l

RT: 8.871 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VY021399.D

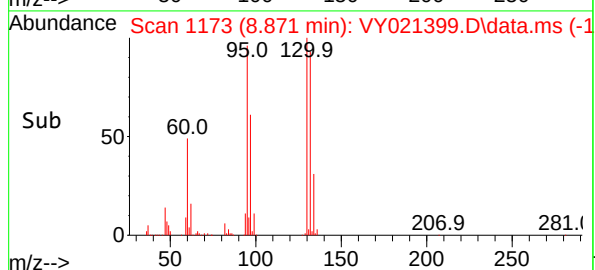
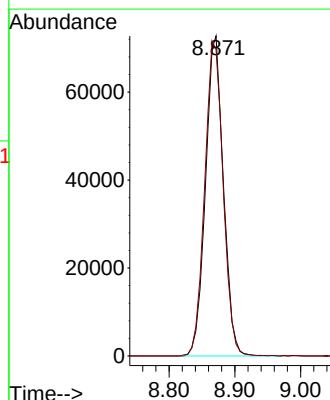
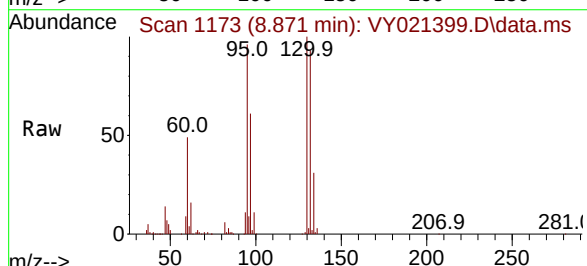
Acq: 04 Mar 2025 10:30

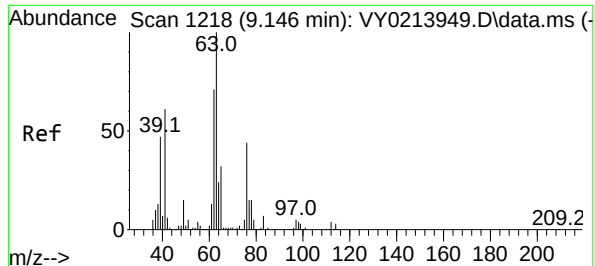
Tgt Ion:130 Resp: 137378

Ion Ratio Lower Upper

130 100

95 95.8 0.0 191.6





#45

1,2-Dichloropropane

Concen: 50.949 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 132392

Ion Ratio Lower Upper

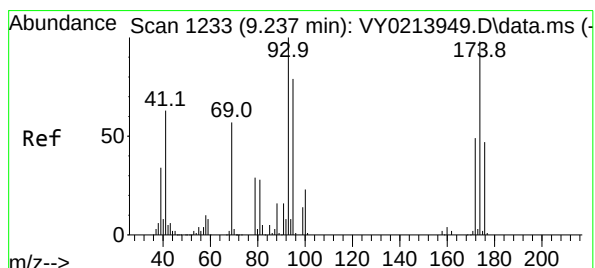
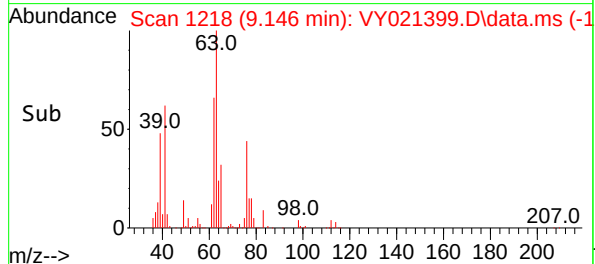
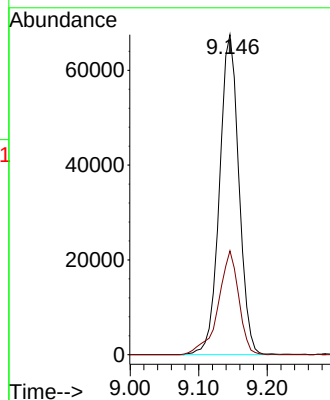
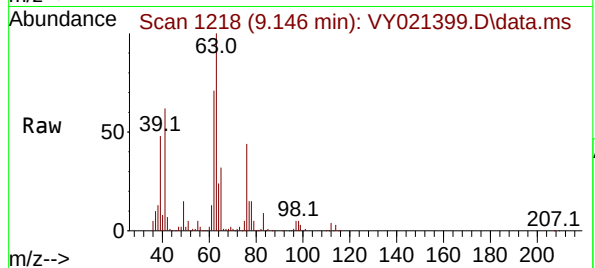
63 100

65 32.5 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#46

Dibromomethane

Concen: 52.923 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

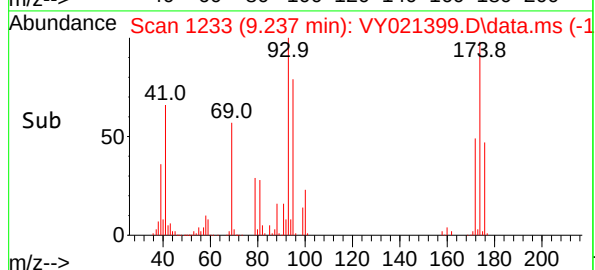
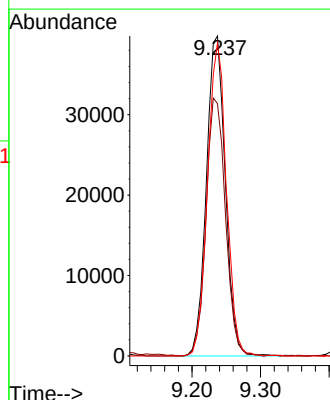
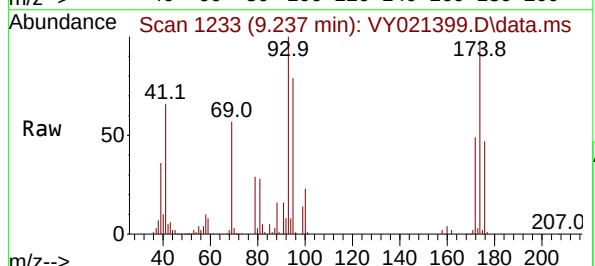
Tgt Ion: 93 Resp: 76517

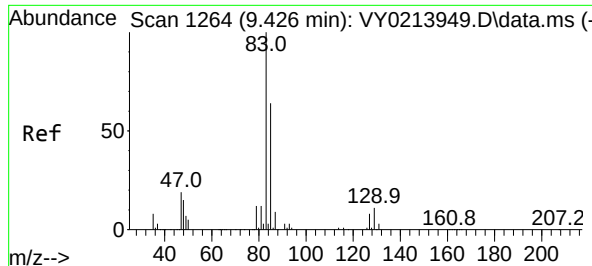
Ion Ratio Lower Upper

93 100

95 82.3 65.8 98.8

174 97.4 77.9 116.9





#47

Bromodichloromethane

Concen: 51.370 ug/l

RT: 9.426 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

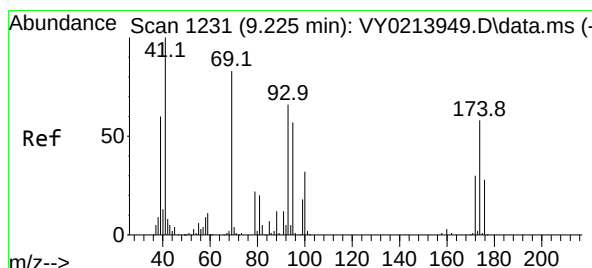
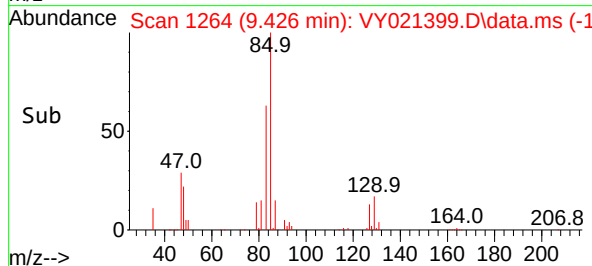
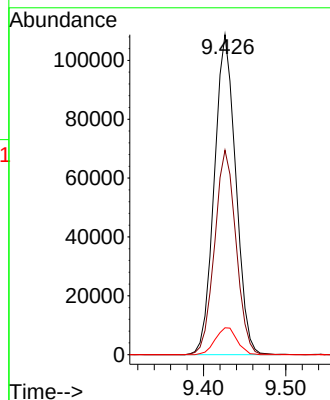
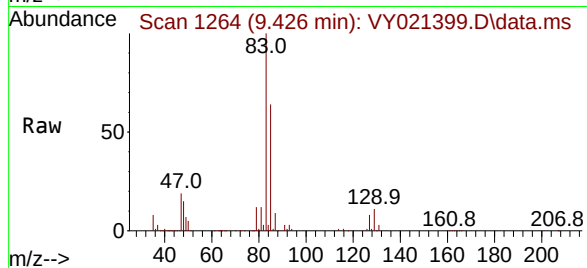
VSTDICCC050

Tgt Ion:	83	Resp:	19724
Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.1	76.7
127	8.4	6.7	10.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#48

Methyl methacrylate

Concen: 55.853 ug/l

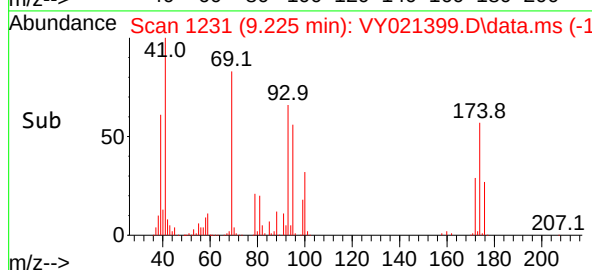
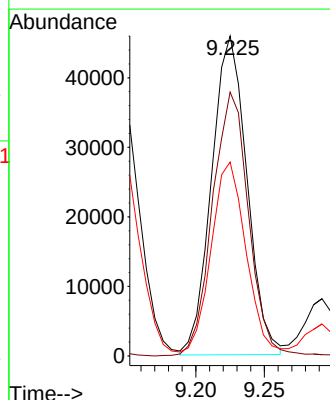
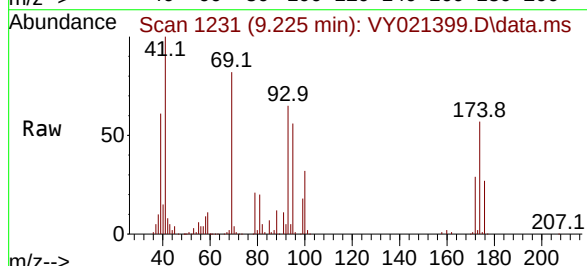
RT: 9.225 min Scan# 1231

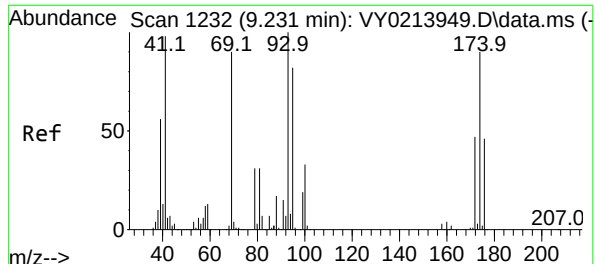
Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Tgt Ion:	41	Resp:	82355
Ion	Ratio	Lower	Upper
41	100		
69	84.8	67.8	101.8
39	58.0	46.4	69.6





#49

1,4-Dioxane

Concen: 1144.224 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 16238

Ion Ratio Lower Upper

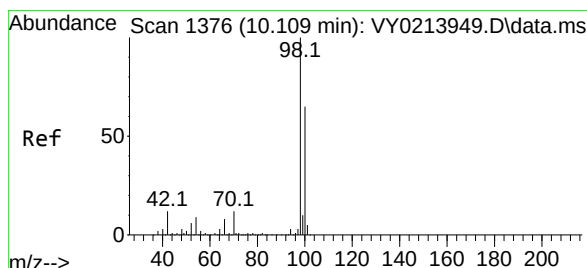
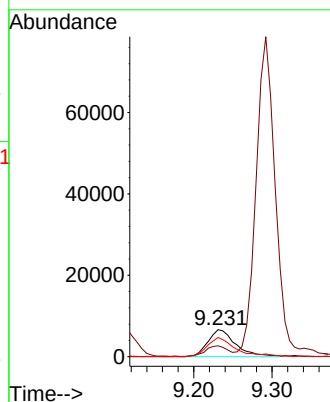
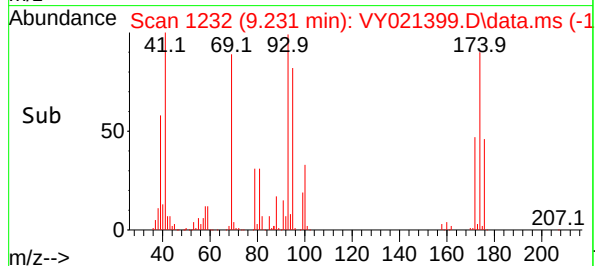
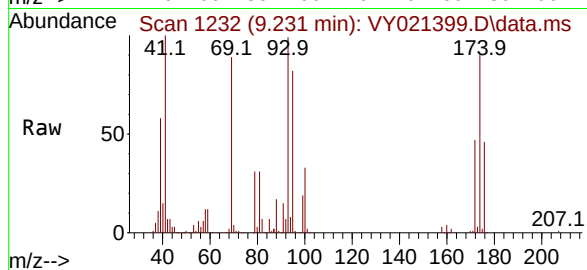
88 100

43 31.2 25.0 37.4

58 73.0 58.4 87.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#50

Toluene-d8

Concen: 45.594 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021399.D

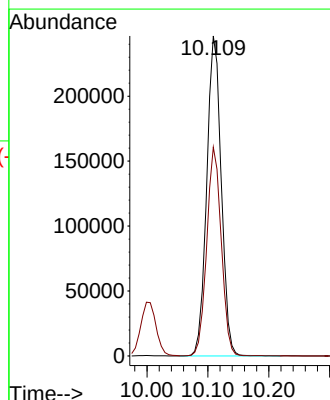
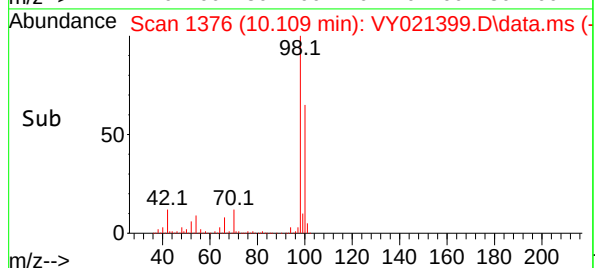
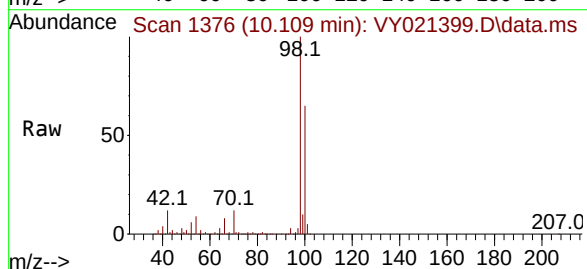
Acq: 04 Mar 2025 10:30

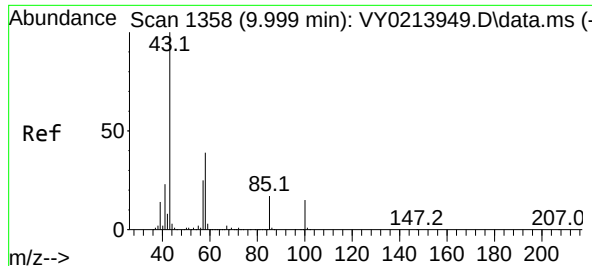
Tgt Ion: 98 Resp: 408759

Ion Ratio Lower Upper

98 100

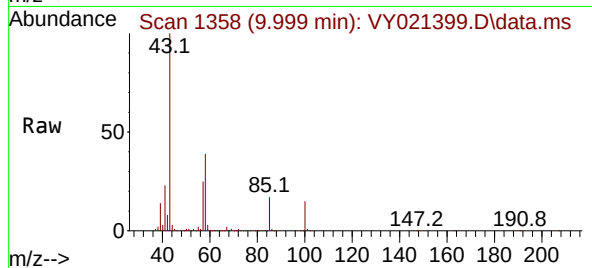
100 65.1 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 288.203 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

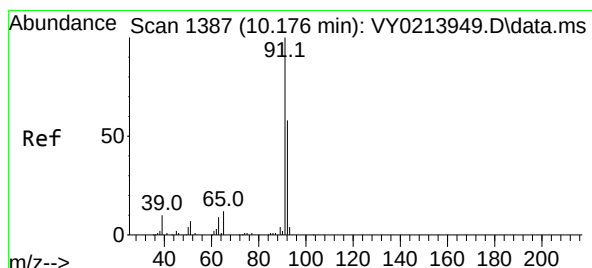
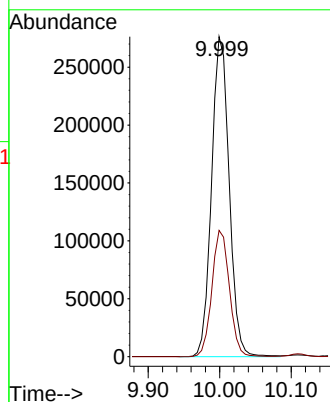
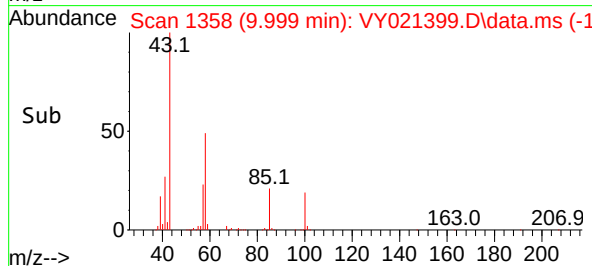
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 472885
Ion Ratio Lower Upper
43 100
58 39.3 31.4 47.2

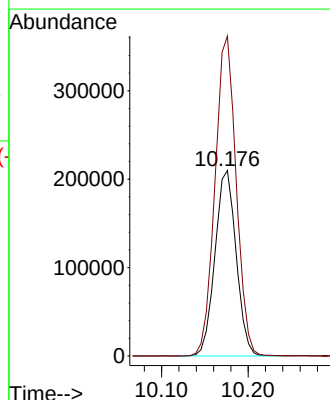
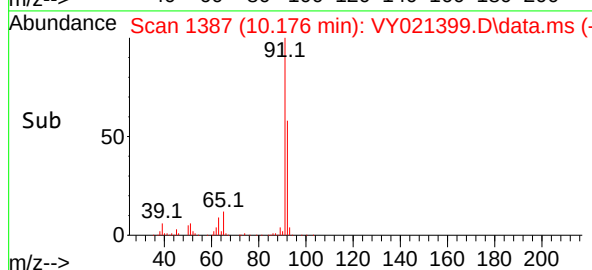
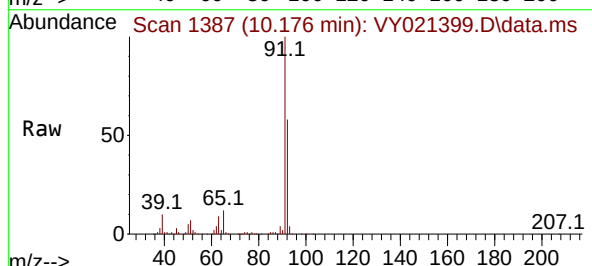
Manual Integrations
APPROVED

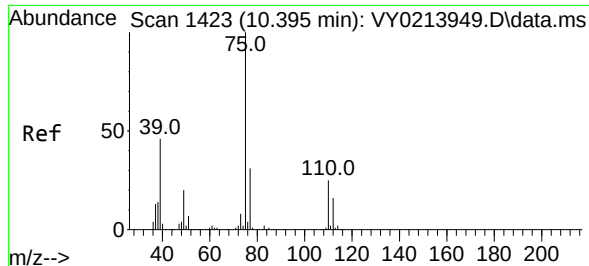
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#52
Toluene
Concen: 51.723 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

Tgt Ion: 92 Resp: 356029
Ion Ratio Lower Upper
92 100
91 172.7 138.2 207.2





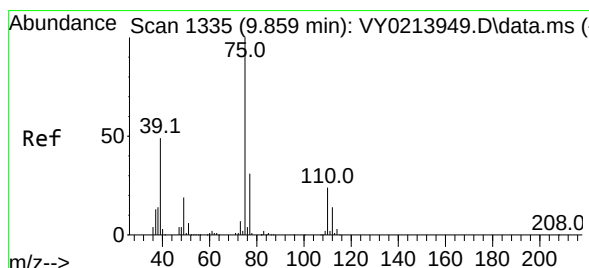
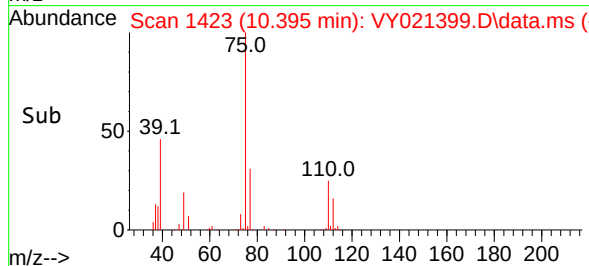
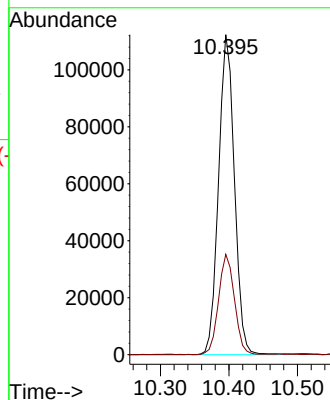
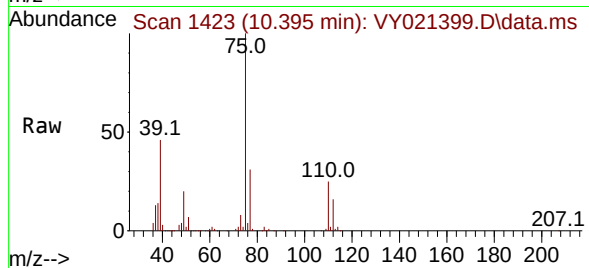
#53
t-1,3-Dichloropropene
Concen: 53.154 ug/l
RT: 10.395 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 179810
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.6

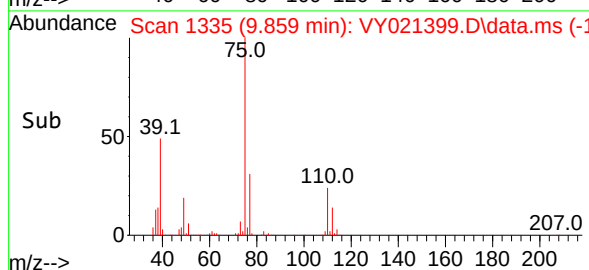
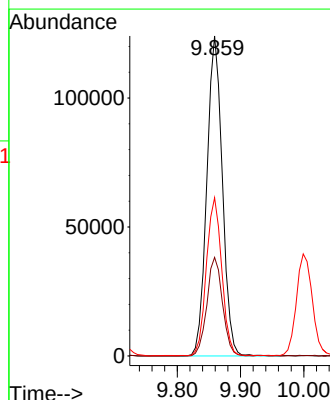
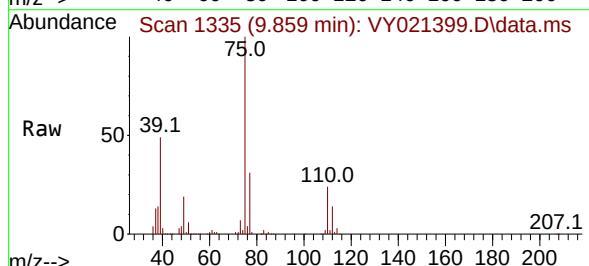
Manual Integrations
APPROVED

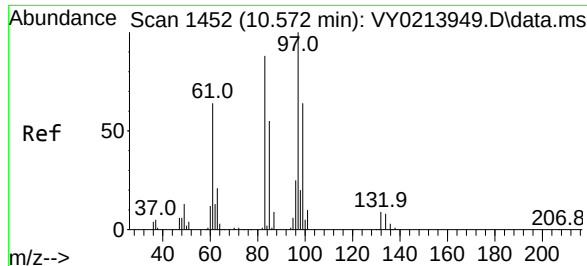
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#54
cis-1,3-Dichloropropene
Concen: 52.691 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

Tgt Ion: 75 Resp: 211622
Ion Ratio Lower Upper
75 100
77 30.8 24.6 37.0
39 49.3 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 53.886 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 10191

Ion Ratio Lower Upper

97 100

83 87.5 70.0 105.0

85 55.4 44.3 66.5

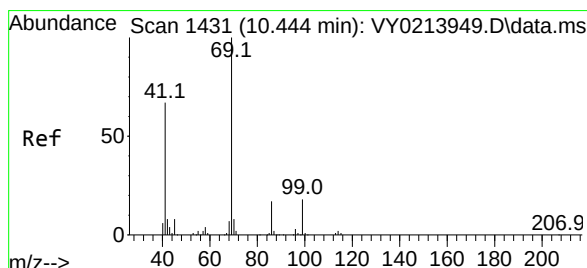
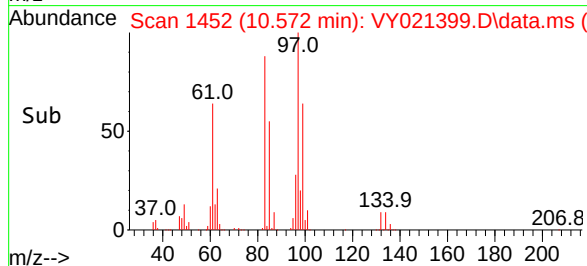
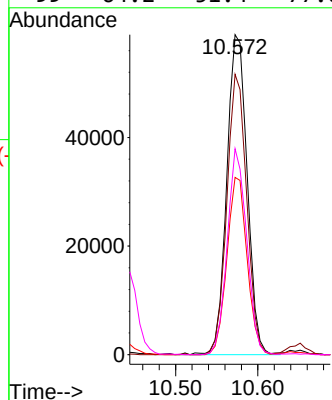
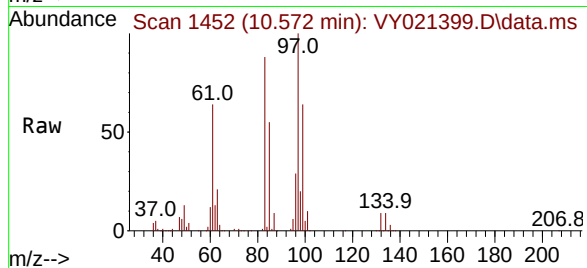
99 64.2 51.4 77.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#56

Ethyl methacrylate

Concen: 57.187 ug/l

RT: 10.444 min Scan# 1431

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

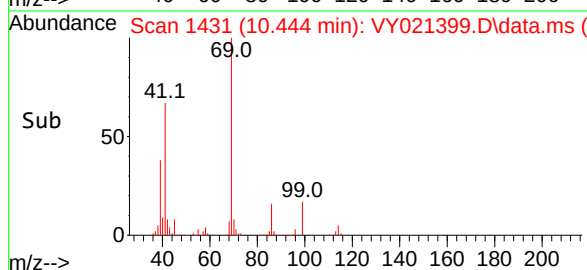
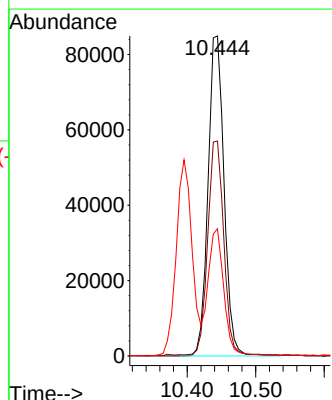
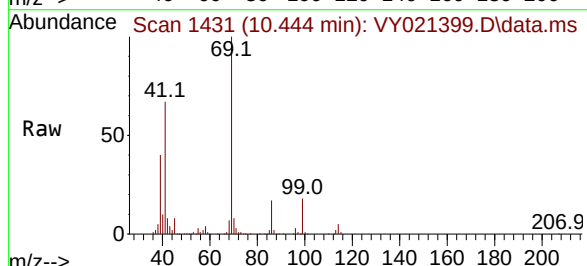
Tgt Ion: 69 Resp: 137939

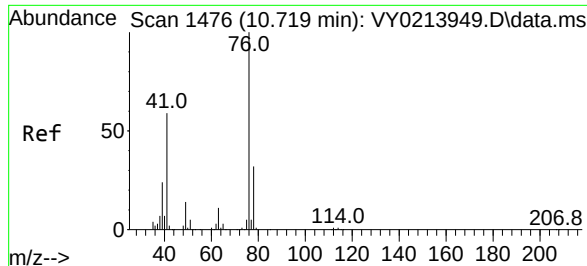
Ion Ratio Lower Upper

69 100

41 66.6 53.3 79.9

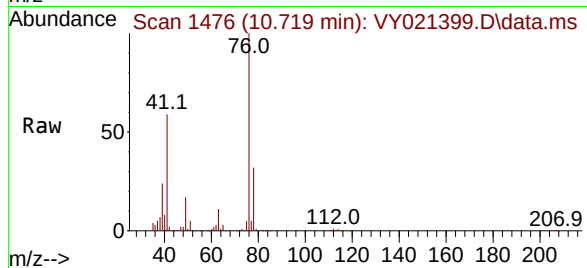
39 38.8 31.0 46.6





#57
1,3-Dichloropropane
Concen: 52.551 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

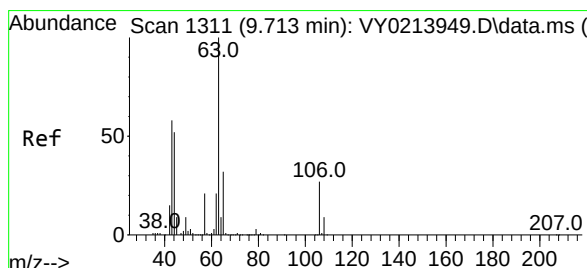
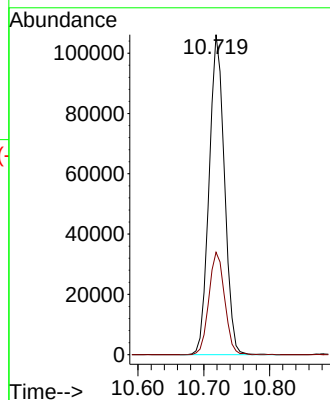
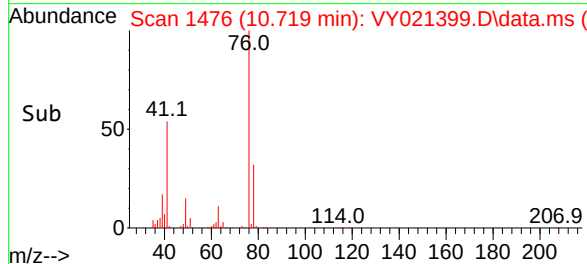
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 172259
Ion Ratio Lower Upper
76 100
78 32.9 26.3 39.5

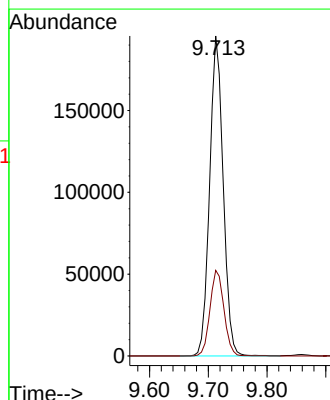
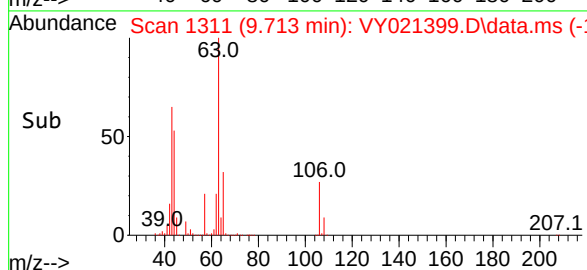
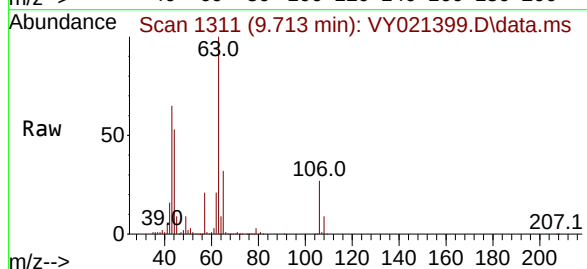
Manual Integrations
APPROVED

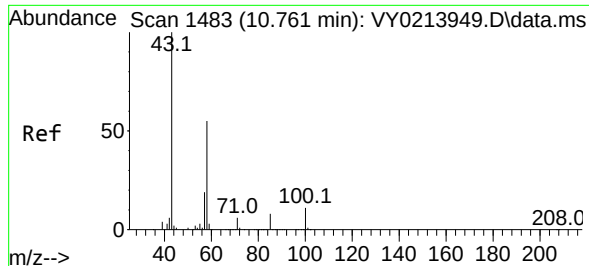
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#58
2-Chloroethyl Vinyl ether
Concen: 281.418 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

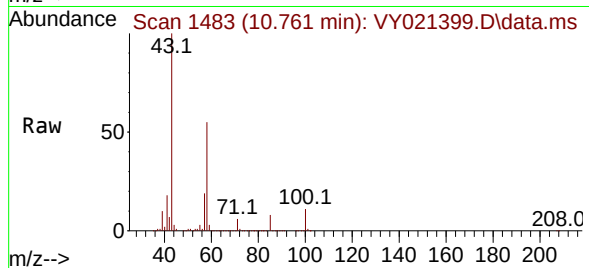
Tgt Ion: 63 Resp: 313349
Ion Ratio Lower Upper
63 100
106 27.6 22.1 33.1





#59
2-Hexanone
Concen: 301.583 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

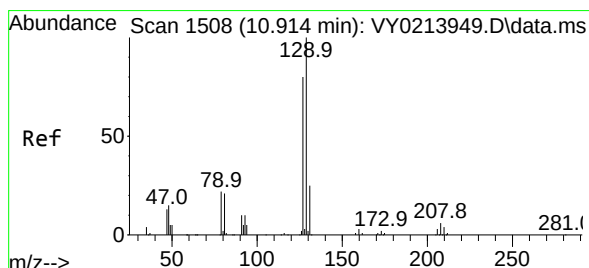
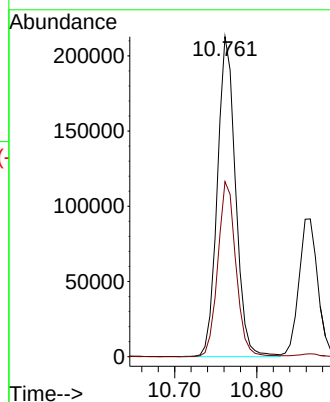
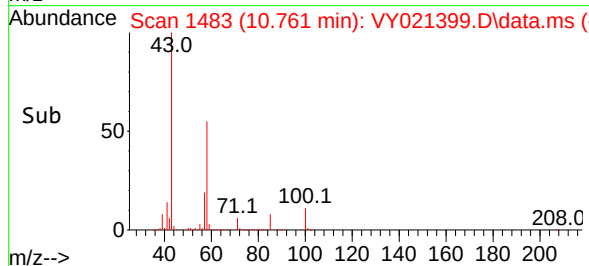
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 327200
Ion Ratio Lower Upper
43 100
58 54.5 27.3 81.8

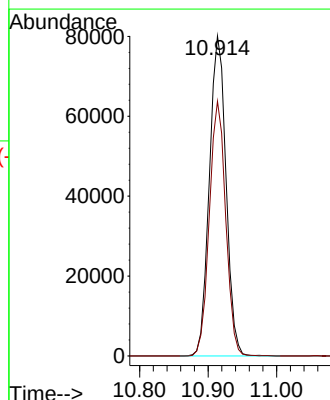
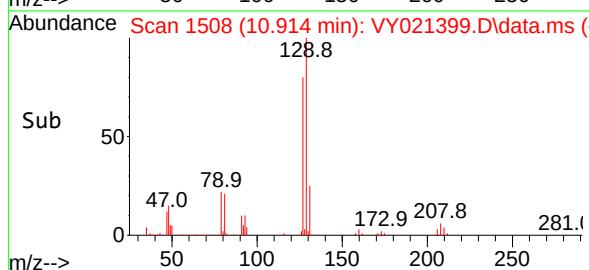
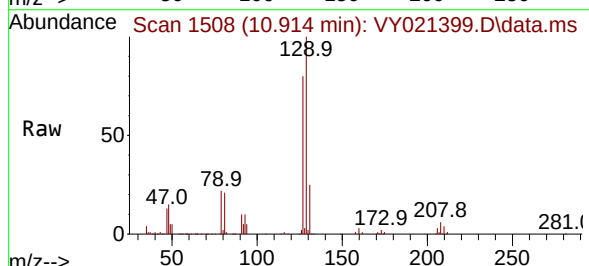
Manual Integrations
APPROVED

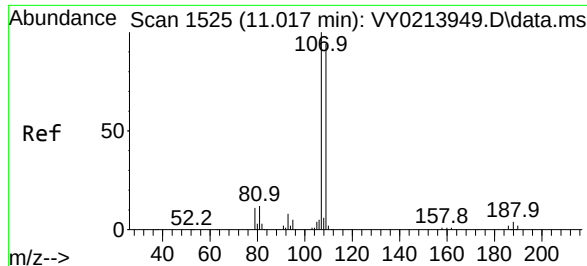
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#60
Dibromochloromethane
Concen: 52.296 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

Tgt Ion:129 Resp: 135595
Ion Ratio Lower Upper
129 100
127 78.2 39.1 117.3





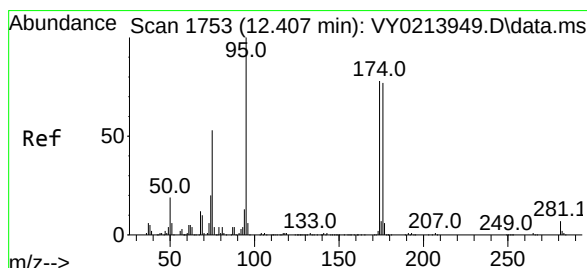
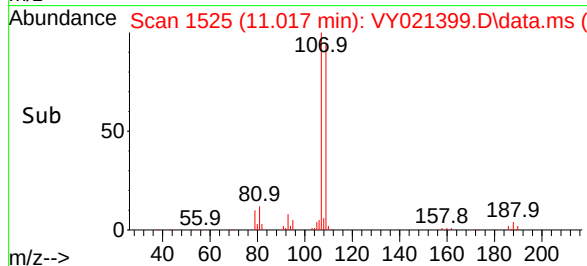
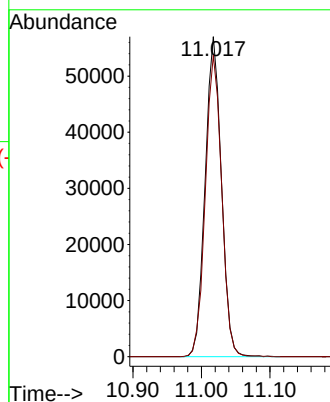
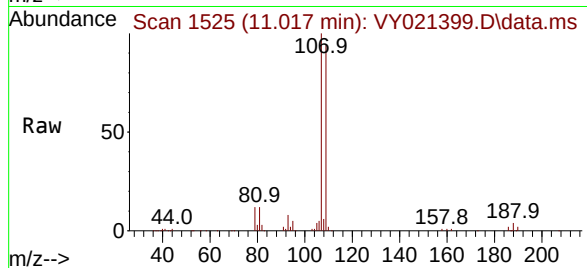
#61
1,2-Dibromoethane
Concen: 52.819 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 94280
Ion Ratio Lower Upper
107 100
109 94.8 75.8 113.8

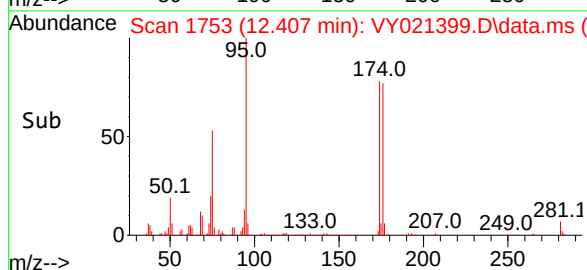
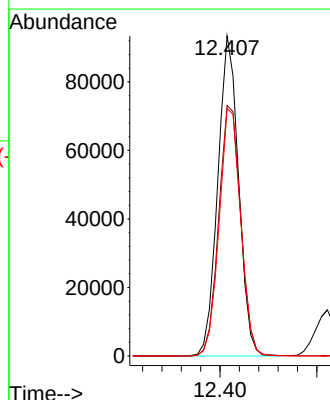
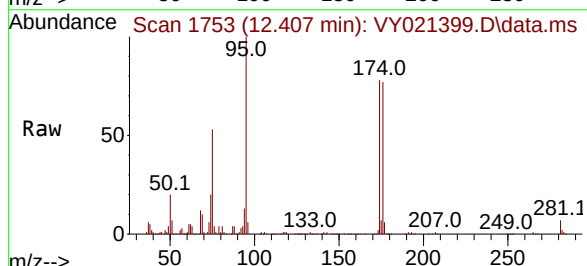
Manual Integrations
APPROVED

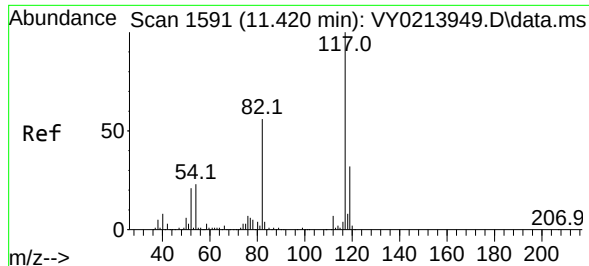
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#62
4-Bromofluorobenzene
Concen: 45.618 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

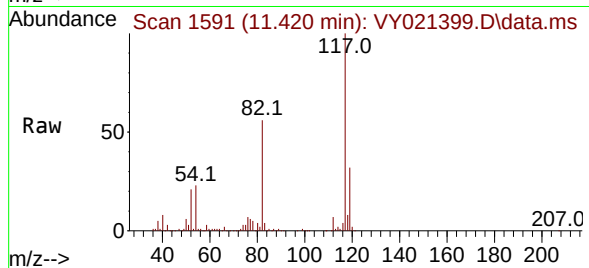
Tgt Ion: 95 Resp: 139117
Ion Ratio Lower Upper
95 100
174 82.5 0.0 165.0
176 80.0 0.0 160.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

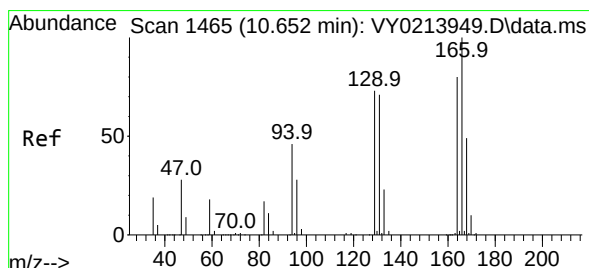
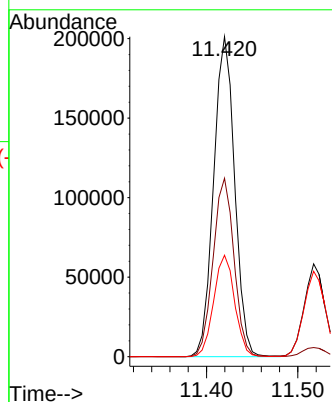
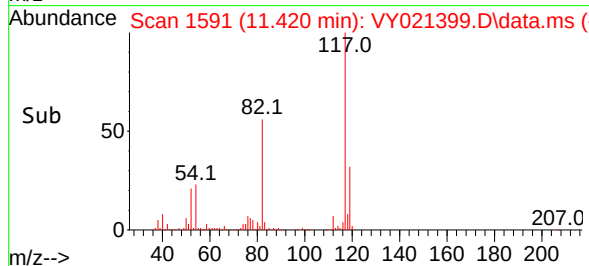
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 321260
Ion Ratio Lower Upper
117 100
82 55.8 44.6 67.0
119 31.7 25.4 38.0

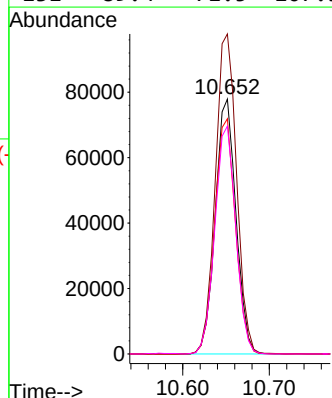
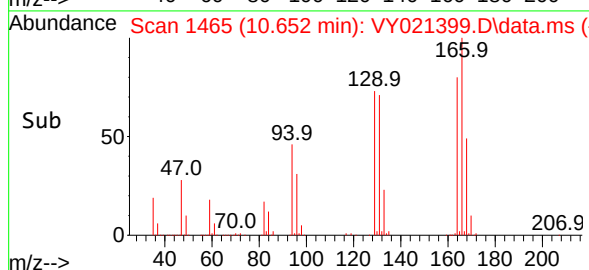
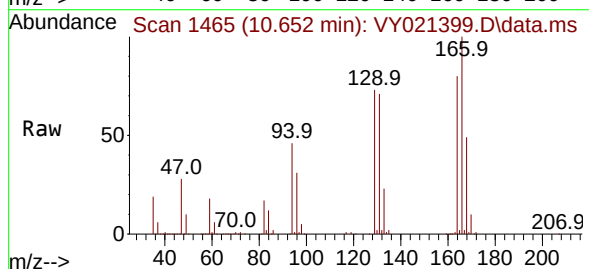
Manual Integrations
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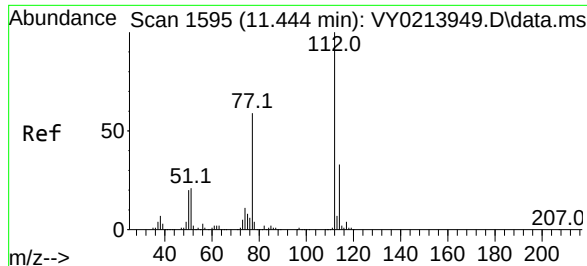
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#64
Tetrachloroethene
Concen: 49.596 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

Tgt Ion:164 Resp: 129562
Ion Ratio Lower Upper
164 100
166 125.5 100.4 150.6
129 92.3 73.8 110.8
131 89.4 71.5 107.3





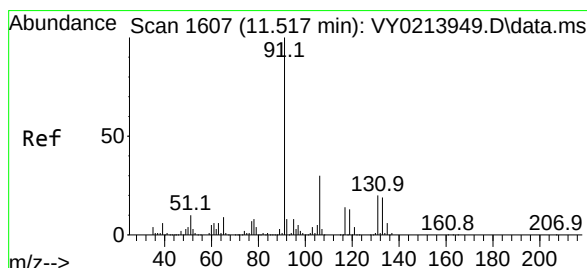
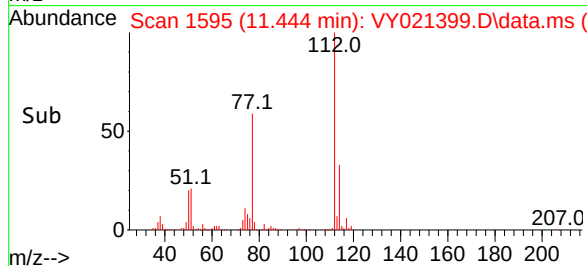
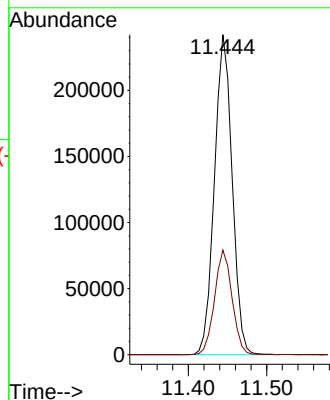
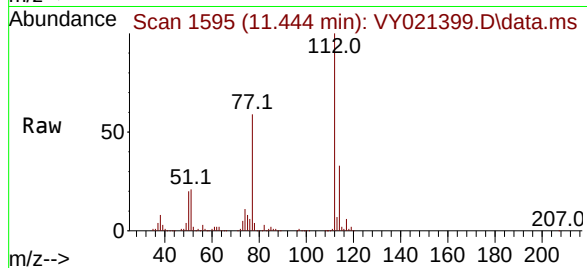
#65
Chlorobenzene
Concen: 50.233 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 38108
Ion Ratio Lower Upper
112 100
114 32.6 26.1 39.1

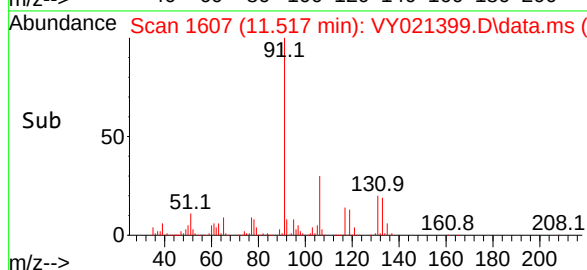
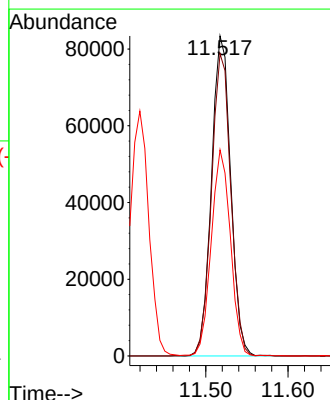
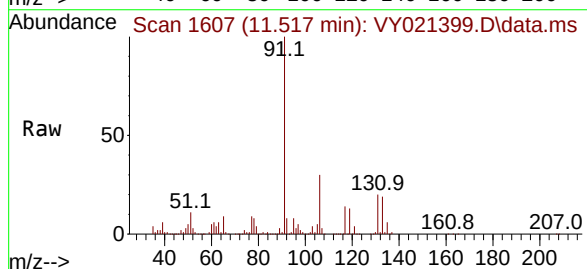
Manual Integrations
APPROVED

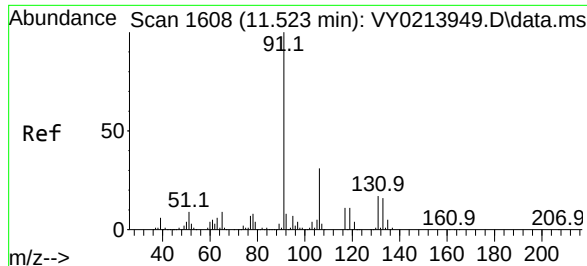
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 50.434 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

Tgt Ion:131 Resp: 135273
Ion Ratio Lower Upper
131 100
133 95.3 47.6 142.9
119 64.6 32.3 96.9





#67

Ethyl Benzene

Concen: 51.502 ug/l

RT: 11.523 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 685789

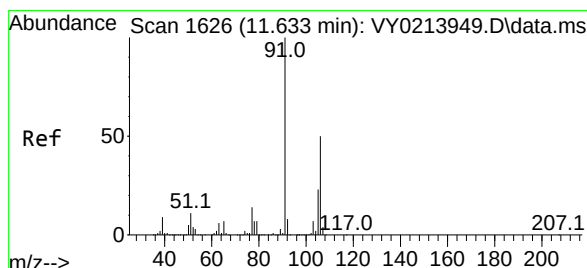
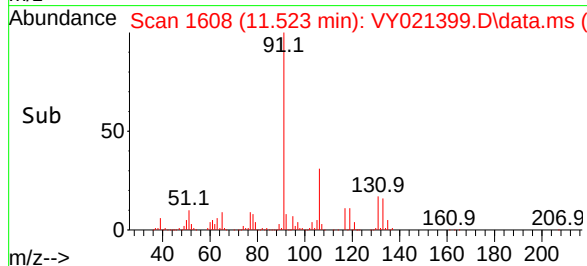
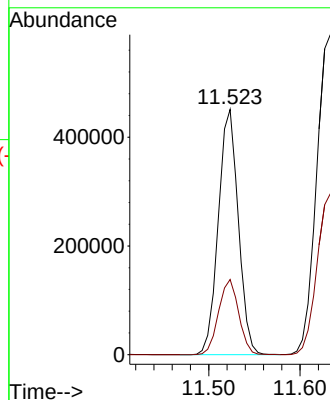
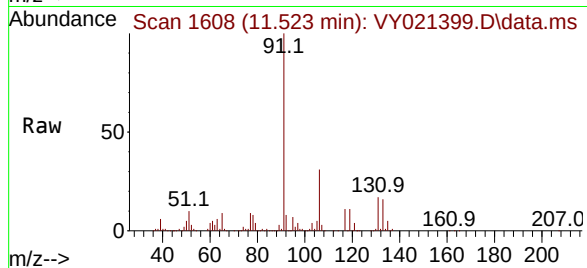
Ion Ratio Lower Upper

91 100

106 30.7 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#68

m/p-Xylenes

Concen: 104.452 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY021399.D

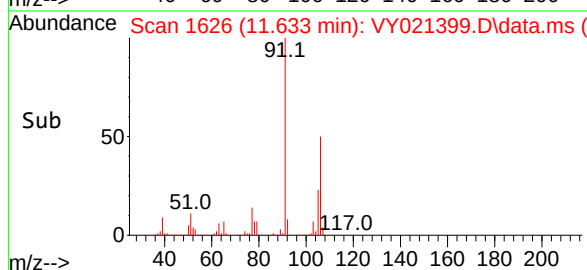
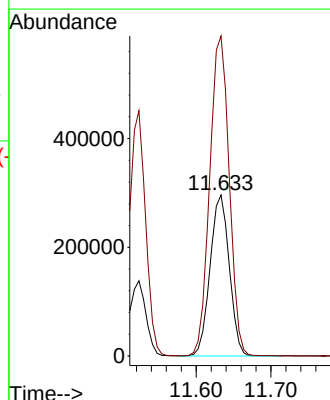
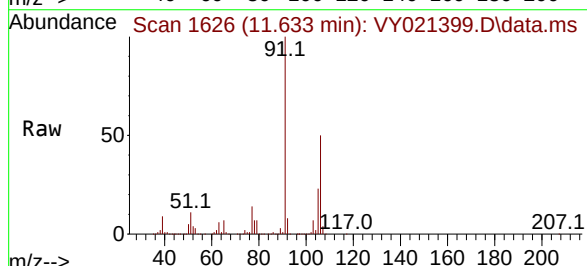
Acq: 04 Mar 2025 10:30

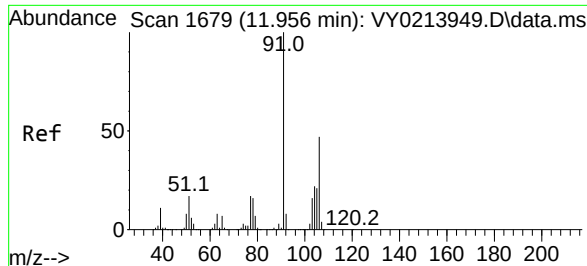
Tgt Ion:106 Resp: 528037

Ion Ratio Lower Upper

106 100

91 202.1 161.7 242.5





#69

o-Xylene

Concen: 52.341 ug/l

RT: 11.956 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion:106 Resp: 24386

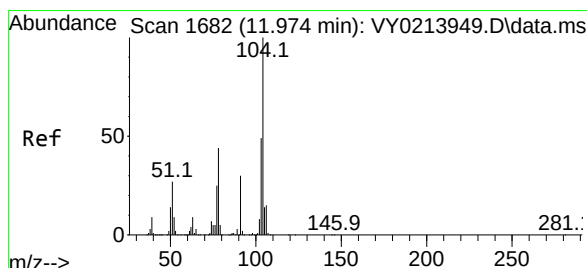
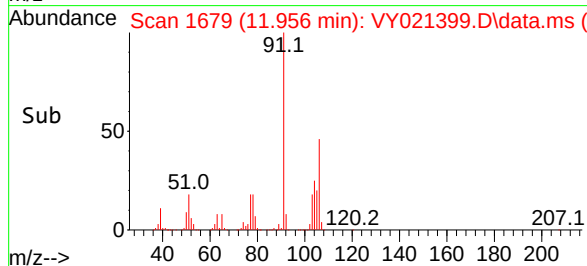
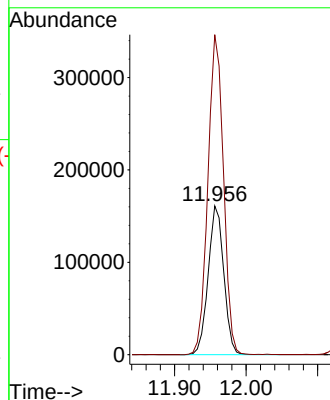
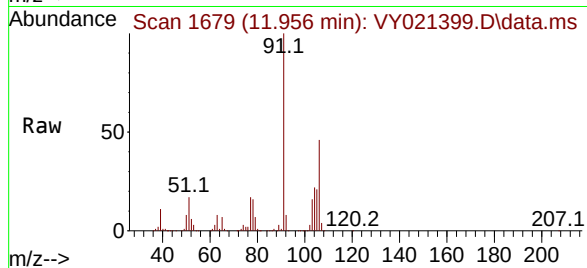
Ion Ratio Lower Upper

106 100

91 215.2 107.6 322.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#70

Styrene

Concen: 53.068 ug/l

RT: 11.974 min Scan# 1682

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

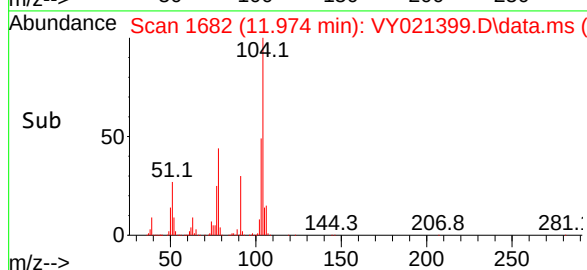
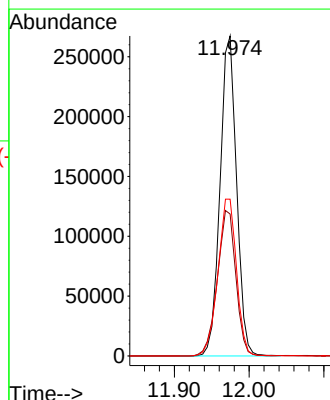
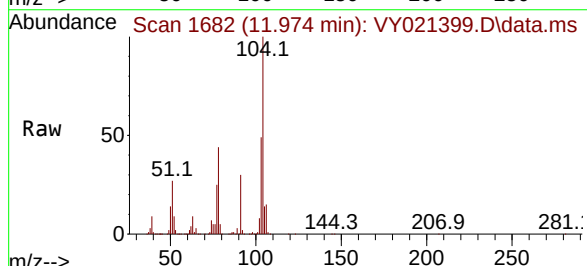
Tgt Ion:104 Resp: 410178

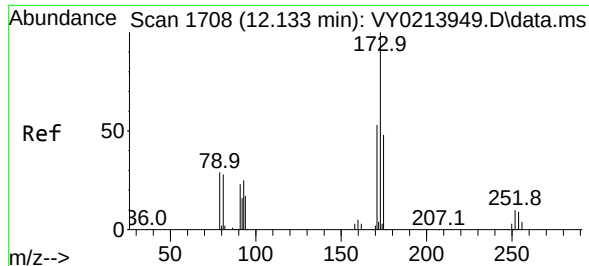
Ion Ratio Lower Upper

104 100

78 50.9 40.7 61.1

103 55.1 44.1 66.1





#71

Bromoform

Concen: 53.584 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion:173 Resp: 8034

Ion Ratio Lower Upper

173 100

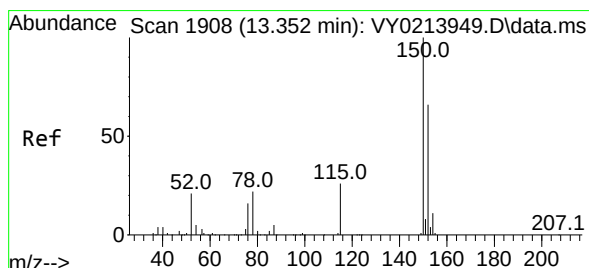
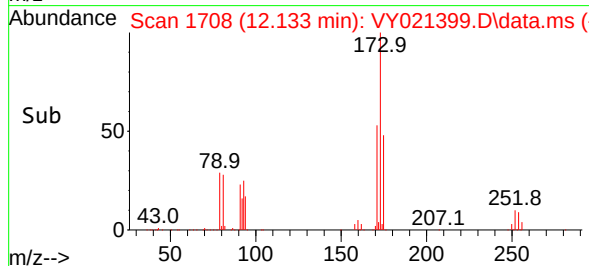
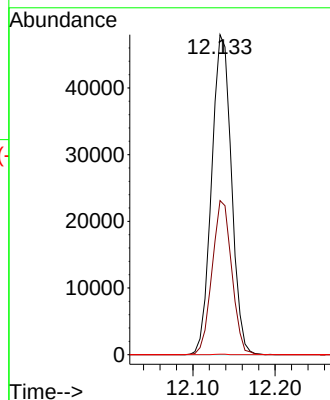
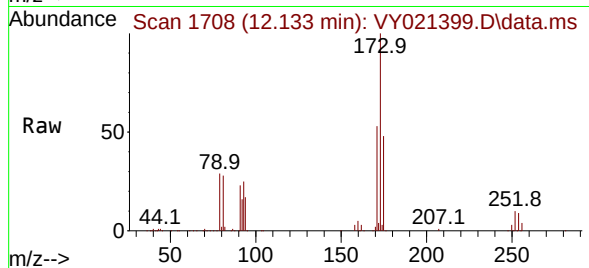
175 47.8 23.9 71.7

254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

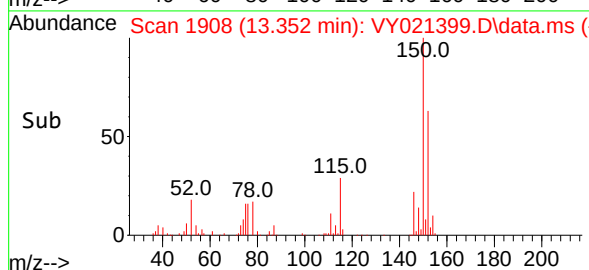
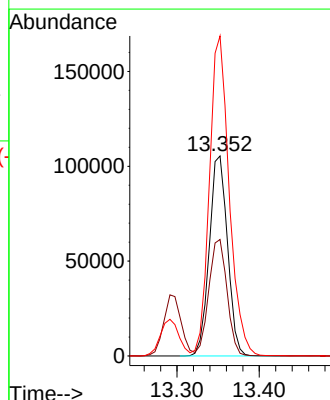
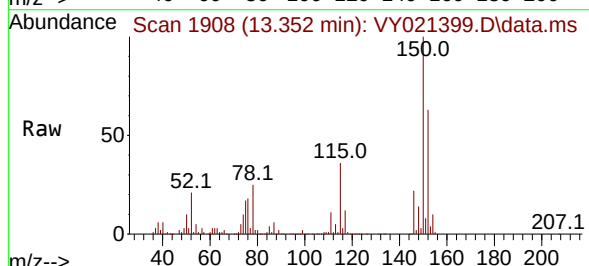
Tgt Ion:152 Resp: 162486

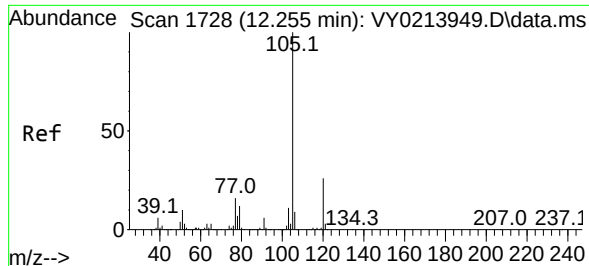
Ion Ratio Lower Upper

152 100

115 58.0 29.0 87.0

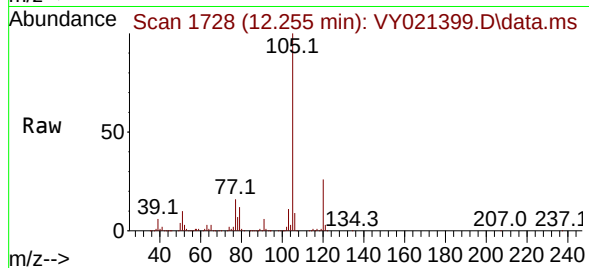
150 173.6 0.0 347.2





#73
Isopropylbenzene
Concen: 51.212 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

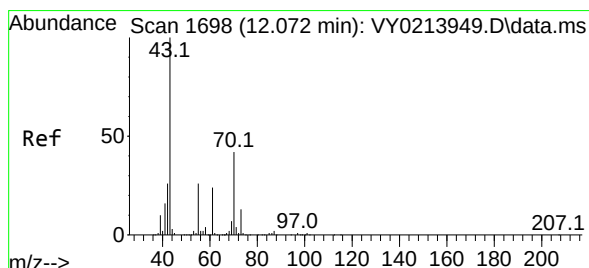
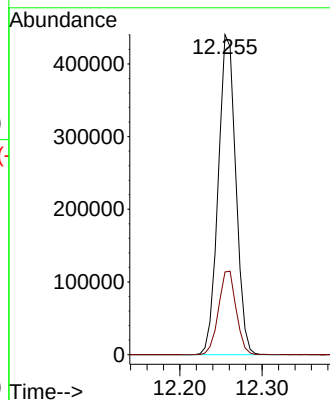
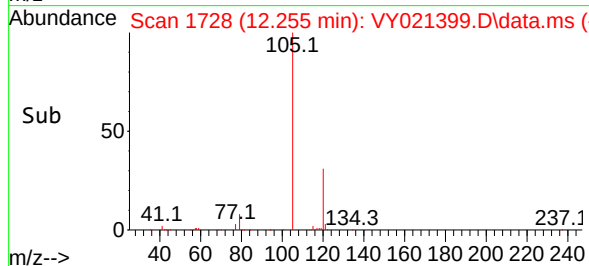
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 105 Resp: 655492
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3

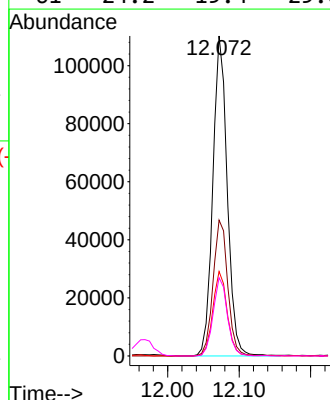
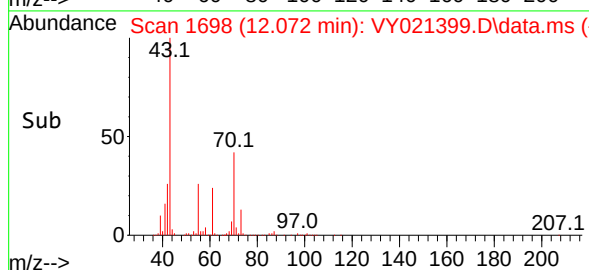
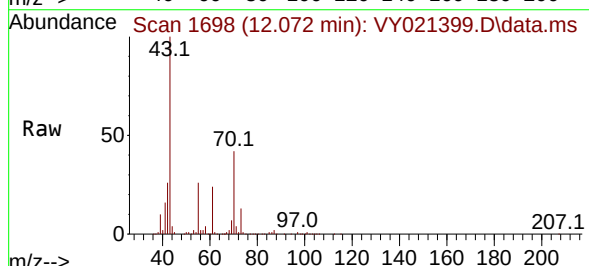
Manual Integrations
APPROVED

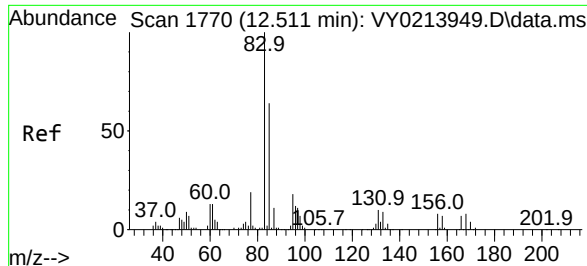
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#74
N-ethyl acetate
Concen: 55.547 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

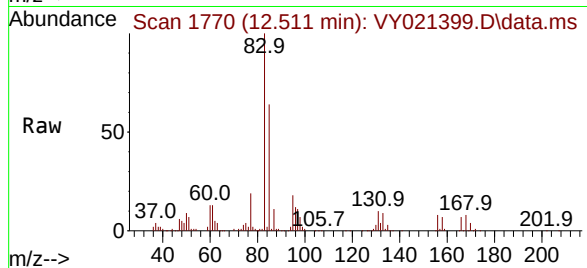
Tgt Ion: 43 Resp: 154403
Ion Ratio Lower Upper
43 100
70 43.2 34.6 51.8
55 26.4 21.1 31.7
61 24.2 19.4 29.0





#75
1,1,2,2-Tetrachloroethane
Concen: 52.277 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

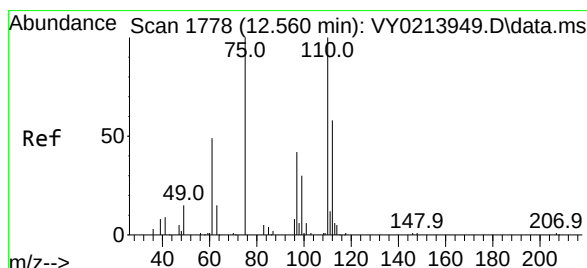
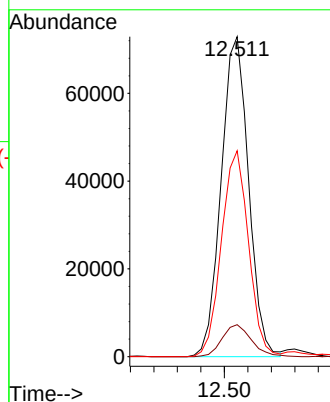
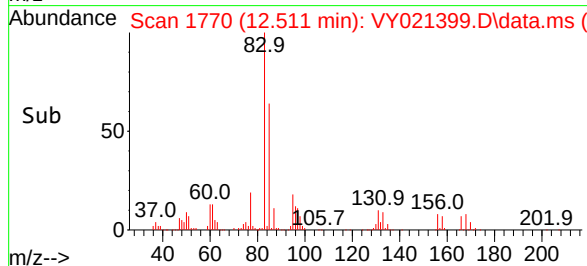
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 11807
Ion Ratio Lower Upper
83 100
131 10.7 5.3 16.1
85 63.7 31.9 95.5

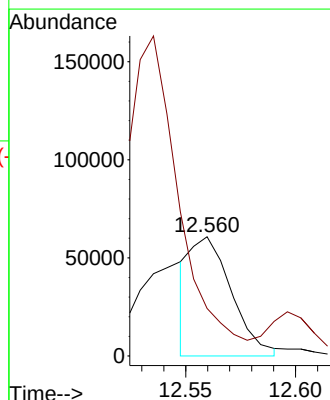
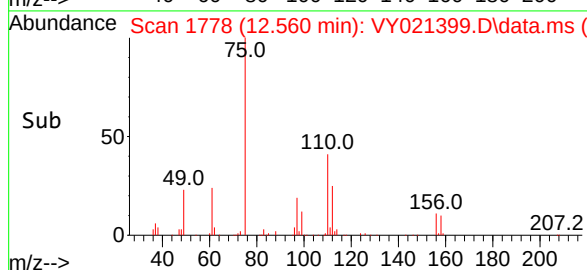
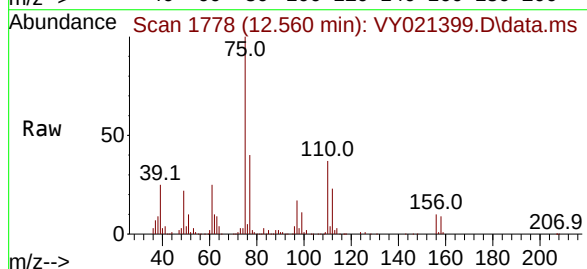
Manual Integrations
APPROVED

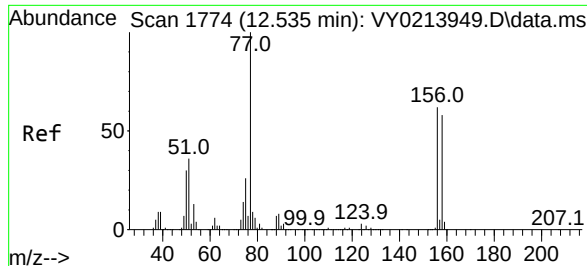
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#76
1,2,3-Trichloropropane
Concen: 48.762 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

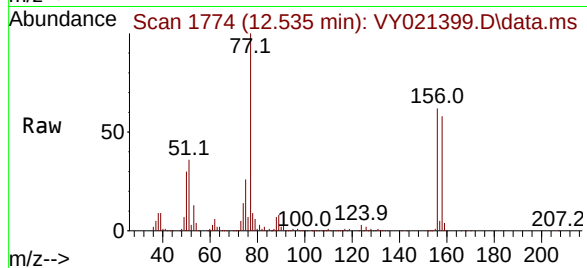
Tgt Ion: 75 Resp: 79840
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 50.247 ug/l
RT: 12.535 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

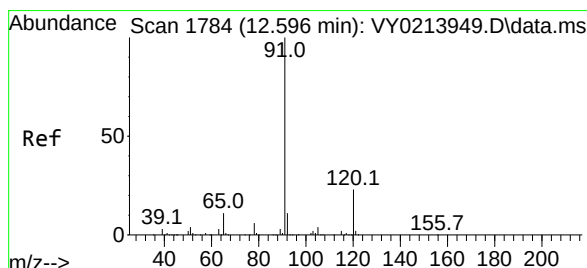
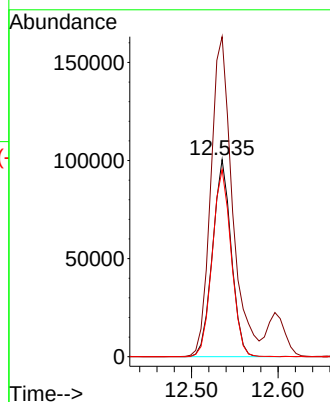
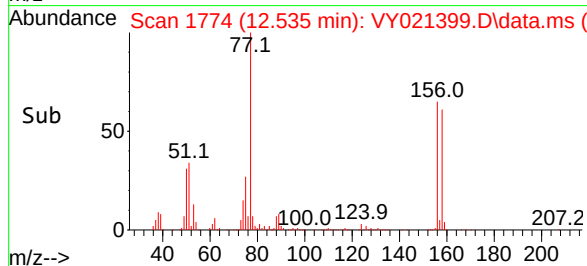
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion:156 Resp: 150460
Ion Ratio Lower Upper
156 100
77 187.2 93.6 280.8
158 96.5 48.3 144.8

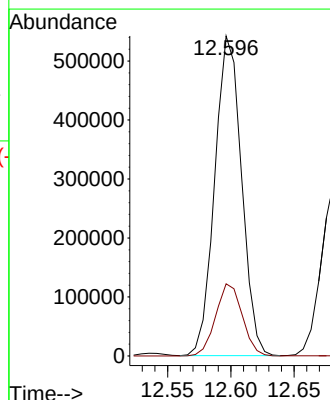
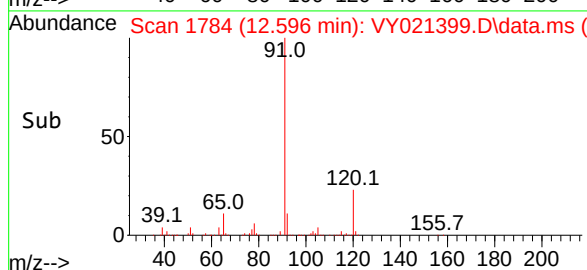
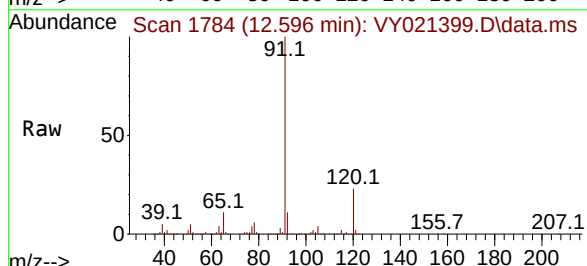
Manual Integrations
APPROVED

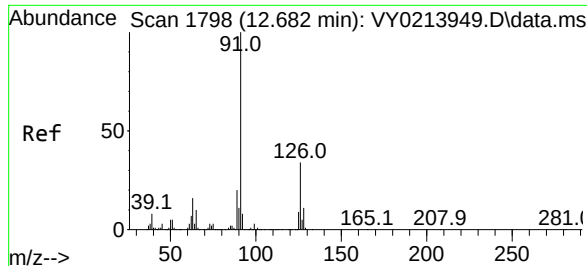
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#78
n-propylbenzene
Concen: 51.272 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

Tgt Ion: 91 Resp: 797005
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.8





#79

2-Chlorotoluene

Concen: 50.112 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 445409

Ion Ratio Lower Upper

91 100

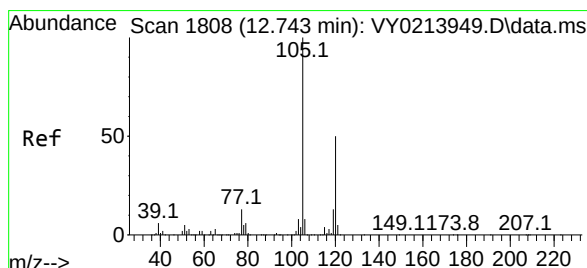
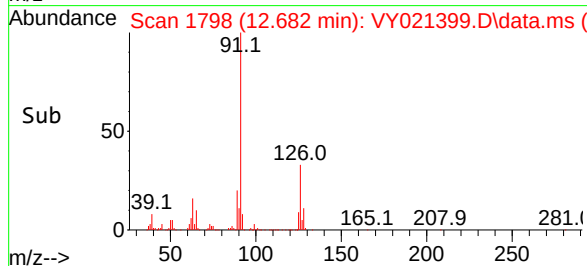
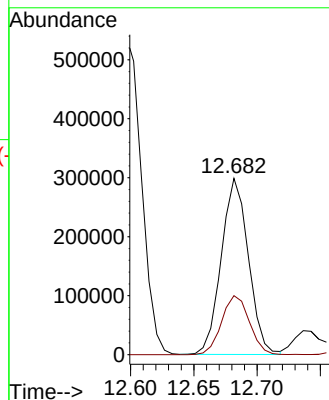
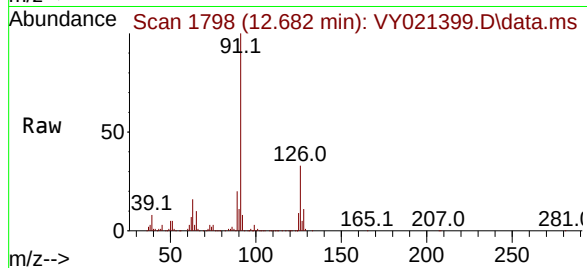
126 34.4 17.2 51.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#80

1,3,5-Trimethylbenzene

Concen: 50.855 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VY021399.D

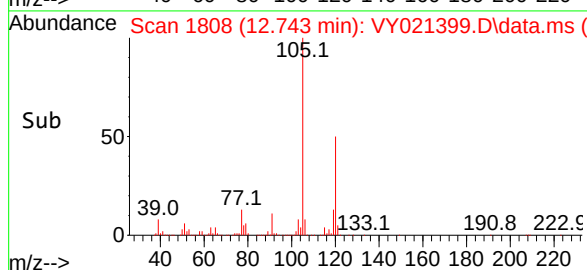
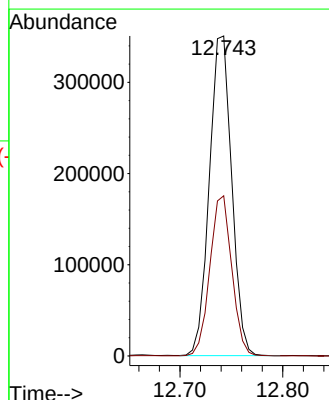
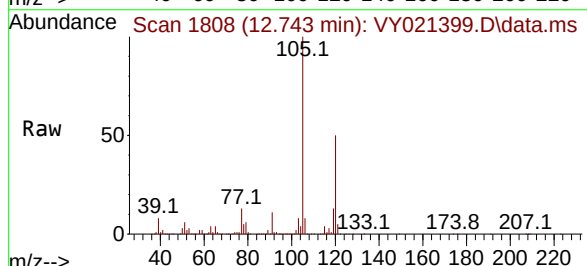
Acq: 04 Mar 2025 10:30

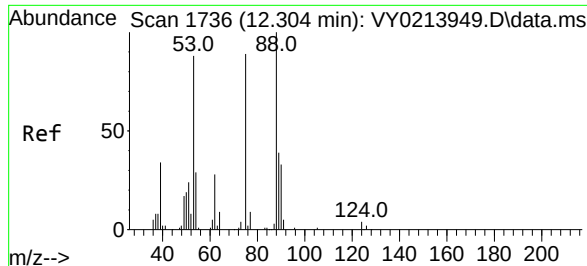
Tgt Ion:105 Resp: 528974

Ion Ratio Lower Upper

105 100

120 49.1 24.6 73.6





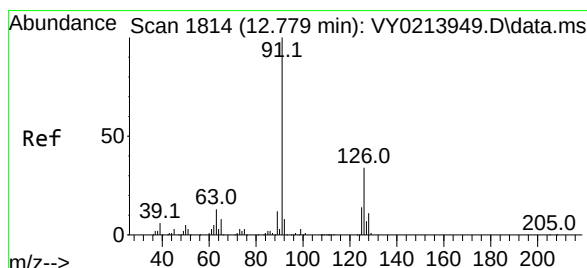
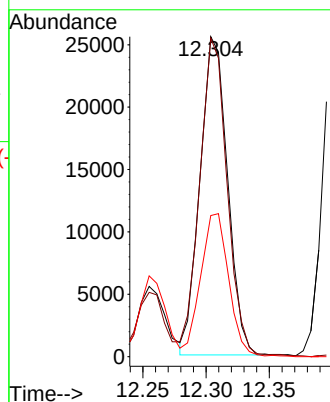
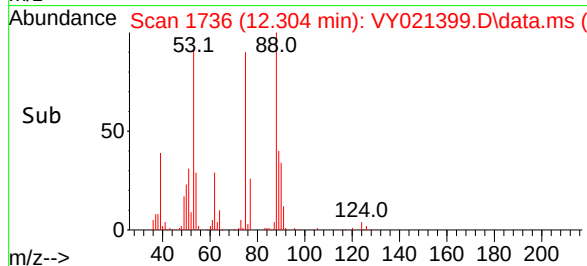
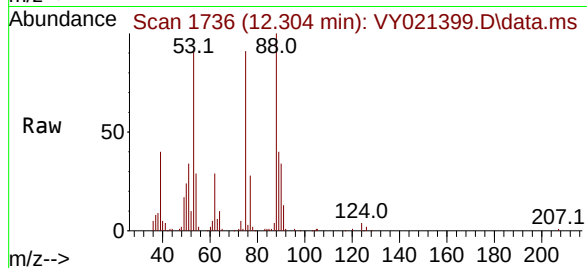
#81
trans-1,4-Dichloro-2-butene
Concen: 53.727 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 3869
Ion Ratio Lower Upper
75 100
53 101.2 81.0 121.4
89 46.1 36.9 55.3

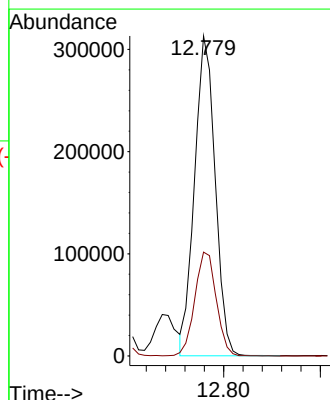
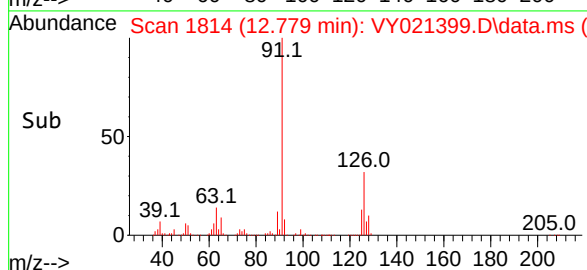
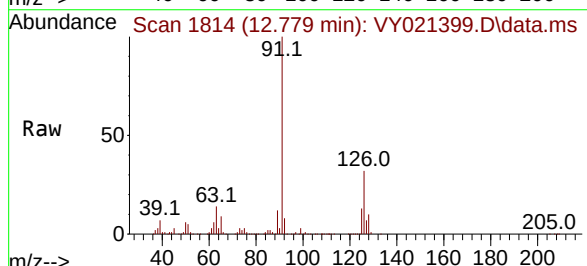
Manual Integrations
APPROVED

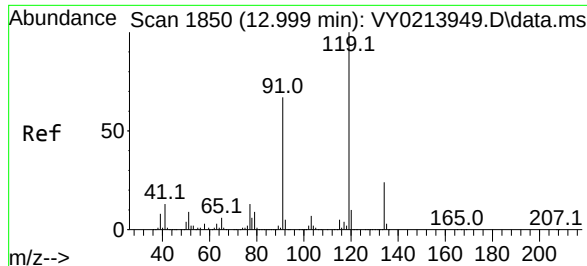
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#82
4-Chlorotoluene
Concen: 50.291 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

Tgt Ion: 91 Resp: 462879
Ion Ratio Lower Upper
91 100
126 34.0 17.0 51.0





#83

tert-Butylbenzene

Concen: 51.194 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

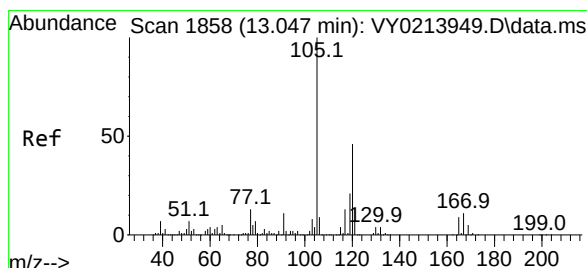
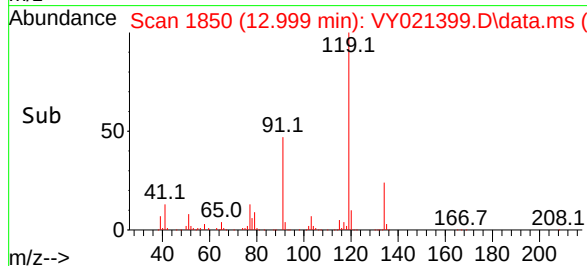
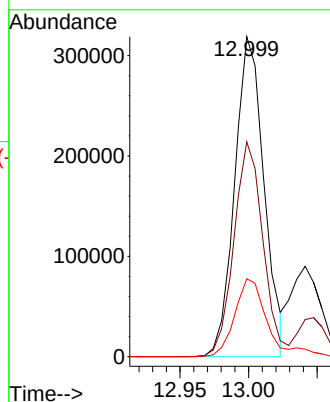
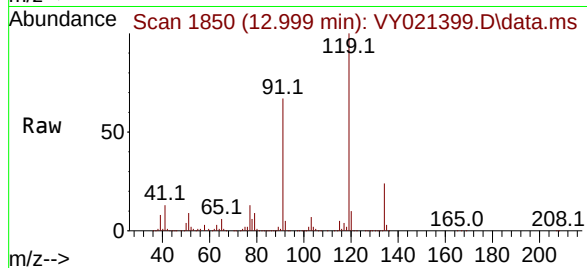
VSTDICCC050

Tgt Ion:	119	Resp:	47504
Ion	Ratio	Lower	Upper
119	100		
91	66.4	33.2	99.6
134	27.0	13.5	40.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#84

1,2,4-Trimethylbenzene

Concen: 51.505 ug/l

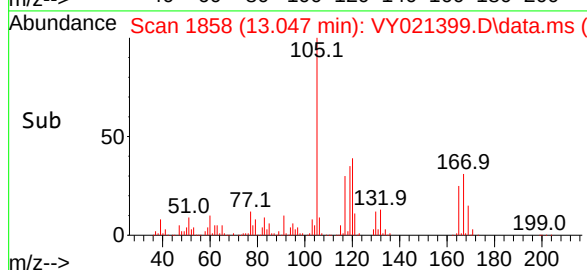
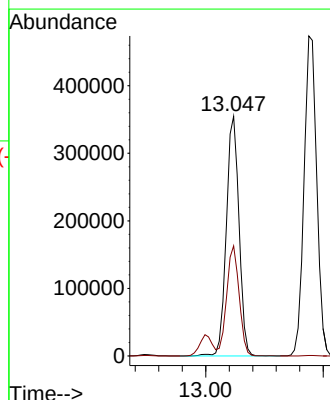
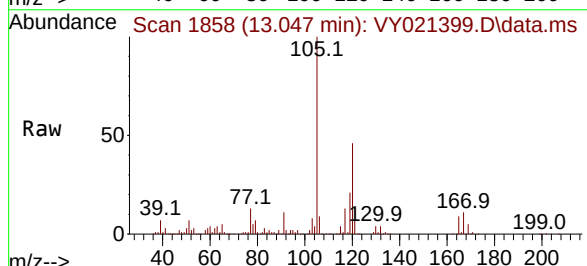
RT: 13.047 min Scan# 1858

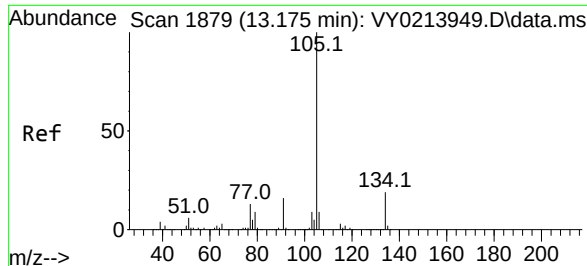
Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Tgt Ion:	105	Resp:	531919
Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.7	68.1





#85

sec-Butylbenzene

Concen: 51.284 ug/l

RT: 13.175 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion:105 Resp: 708040

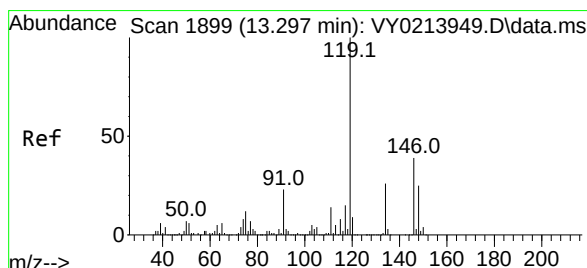
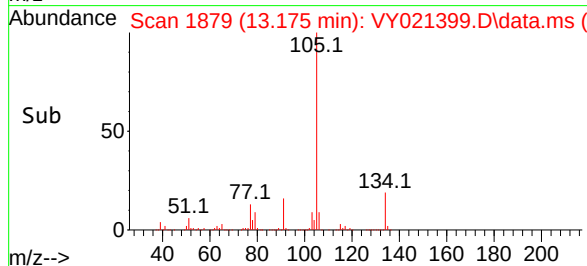
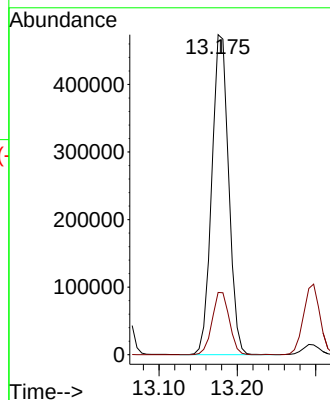
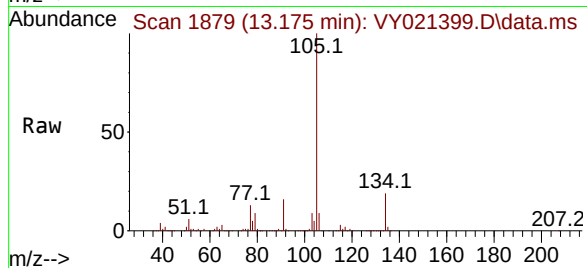
Ion Ratio Lower Upper

105 100

134 19.8 9.9 29.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#86

p-Isopropyltoluene

Concen: 51.302 ug/l

RT: 13.297 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

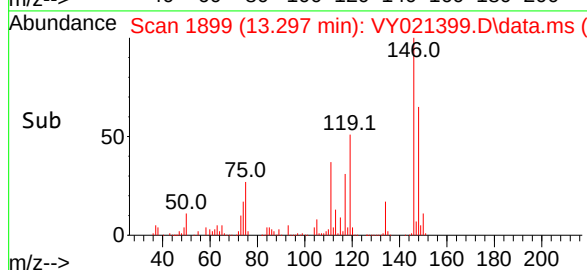
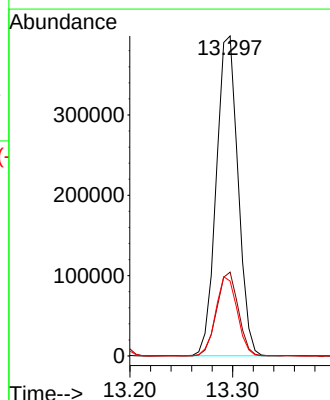
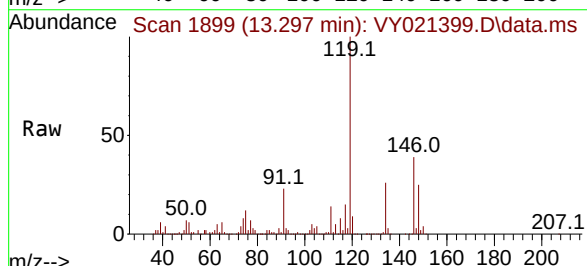
Tgt Ion:119 Resp: 583517

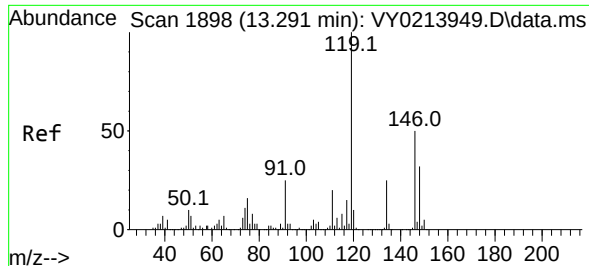
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

91 24.4 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 49.392 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 294400

Ion Ratio Lower Upper

146 100

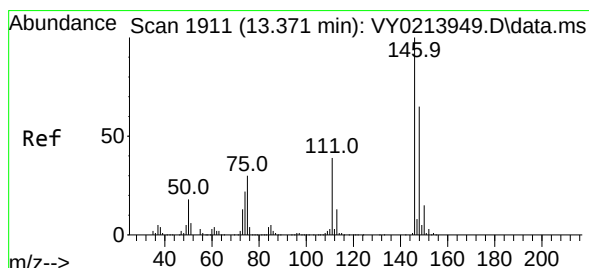
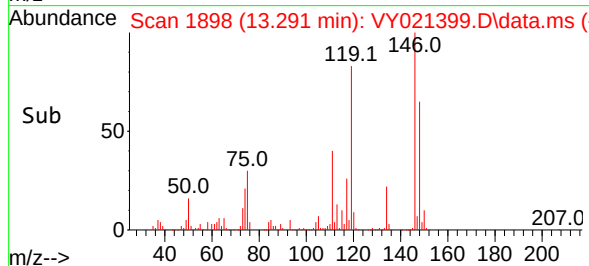
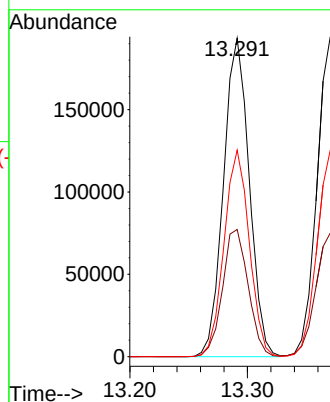
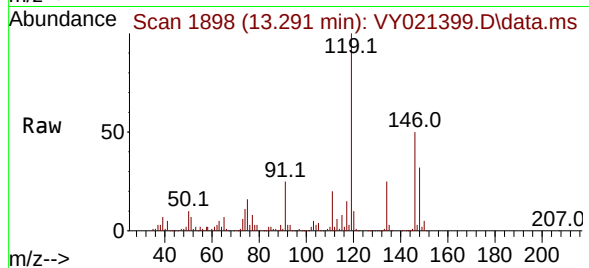
111 40.0 20.0 60.0

148 63.5 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#88

1,4-Dichlorobenzene

Concen: 49.675 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

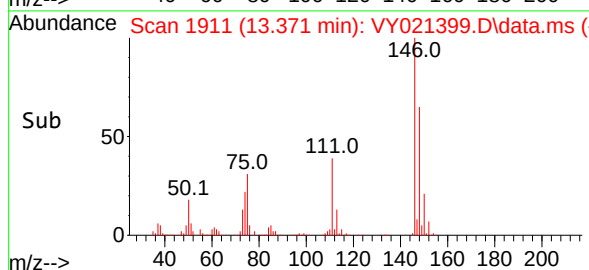
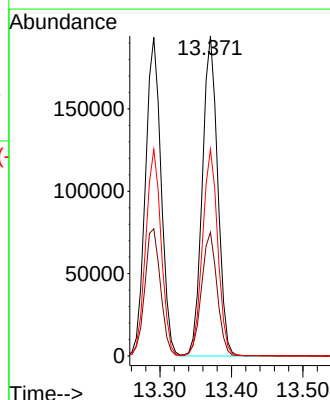
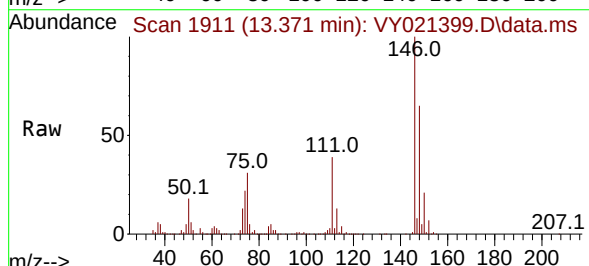
Tgt Ion:146 Resp: 289572

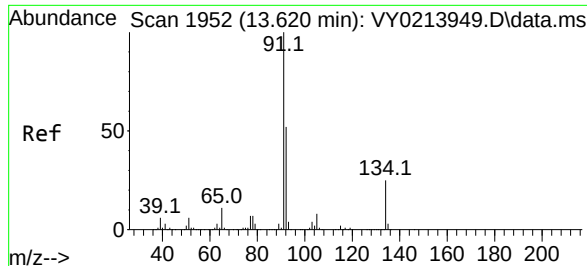
Ion Ratio Lower Upper

146 100

111 39.2 19.6 58.8

148 64.5 32.3 96.8





#89

n-Butylbenzene

Concen: 52.392 ug/l

RT: 13.620 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

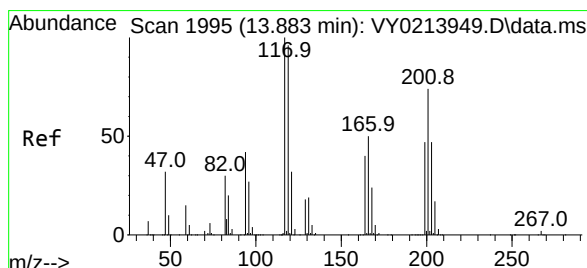
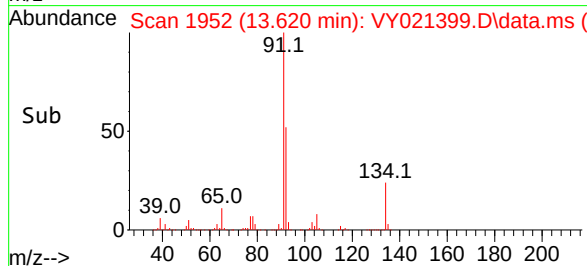
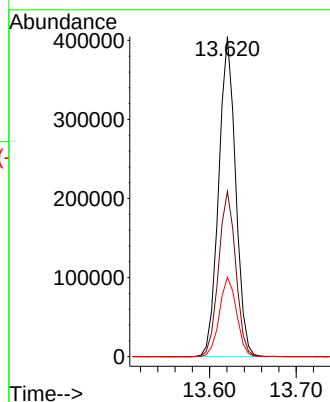
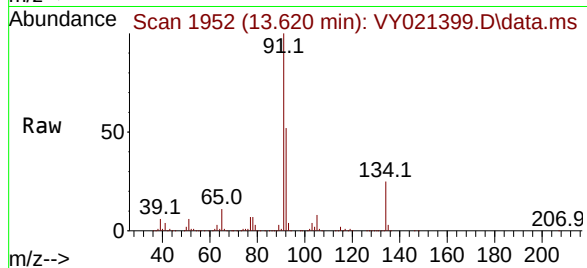
VSTDICCC050

Tgt Ion:	91	Resp:	550274
Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.1	78.3
134	25.2	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#90

Hexachloroethane

Concen: 48.822 ug/l

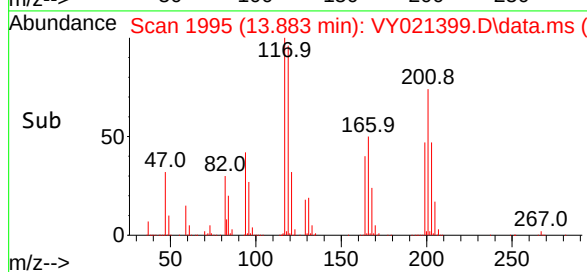
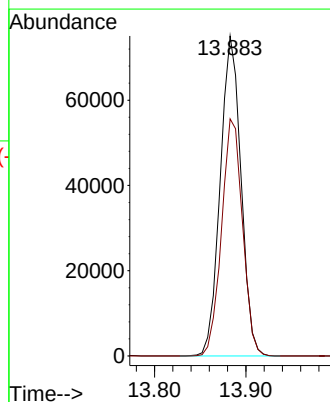
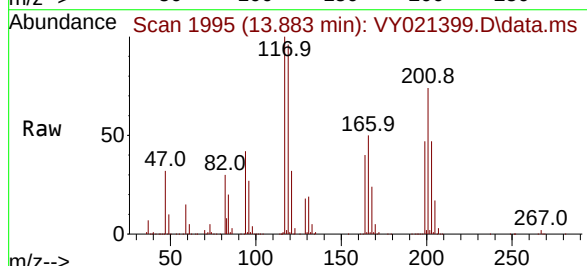
RT: 13.883 min Scan# 1995

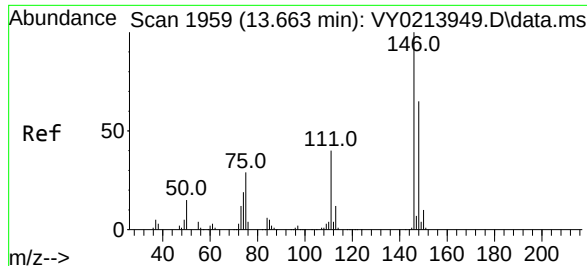
Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Tgt Ion:	117	Resp:	118465
Ion	Ratio	Lower	Upper
117	100		
201	74.8	37.4	112.2





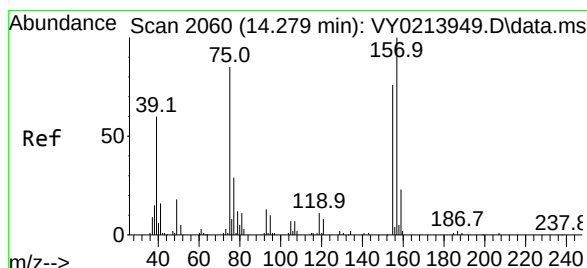
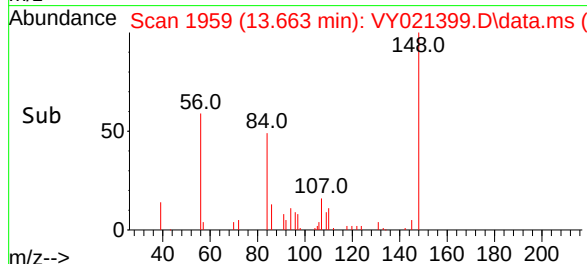
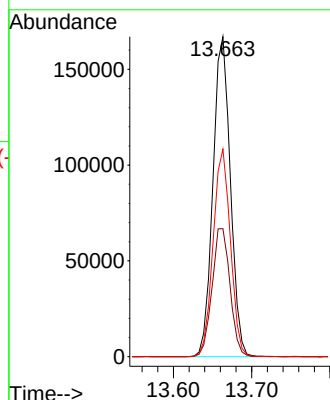
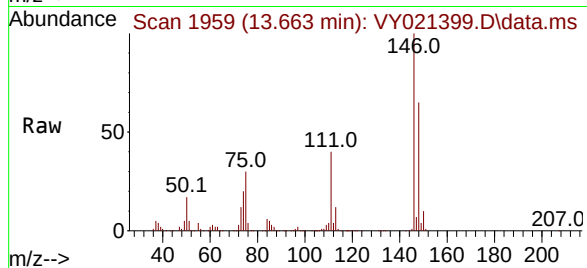
#91
1,2-Dichlorobenzene
Concen: 50.517 ug/l
RT: 13.663 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 258078
Ion Ratio Lower Upper
146 100
111 41.4 20.7 62.1
148 64.3 32.1 96.5

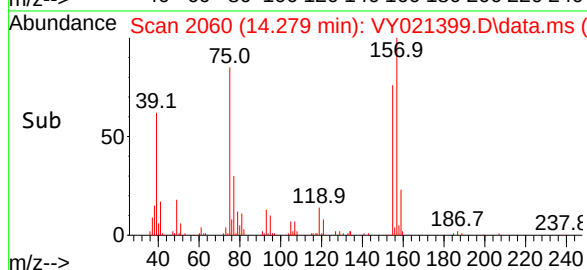
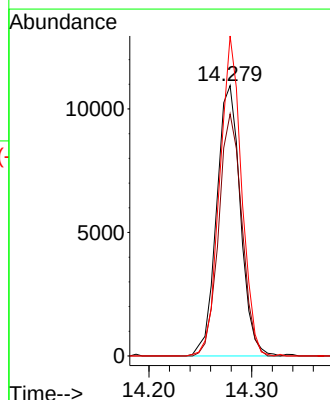
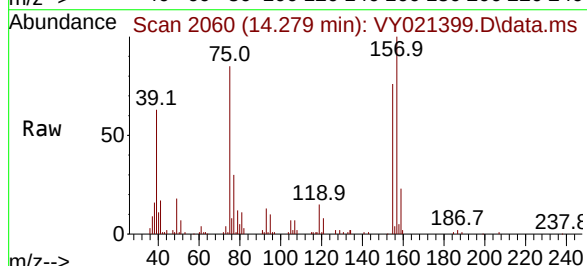
Manual Integrations
APPROVED

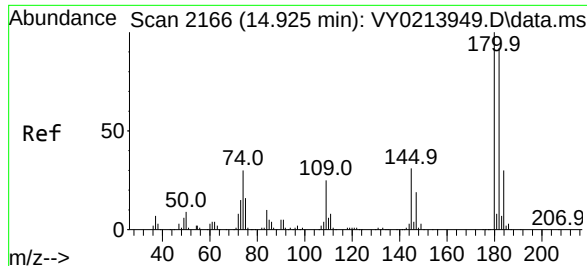
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.924 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

Tgt Ion: 75 Resp: 17568
Ion Ratio Lower Upper
75 100
155 87.0 43.5 130.5
157 108.8 54.4 163.2





#93

1,2,4-Trichlorobenzene

Concen: 52.891 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion:180 Resp: 14758

Ion Ratio Lower Upper

180 100

182 93.3 46.7 140.0

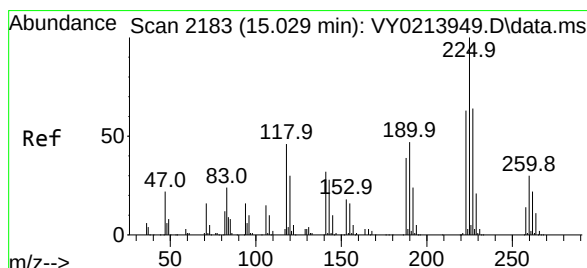
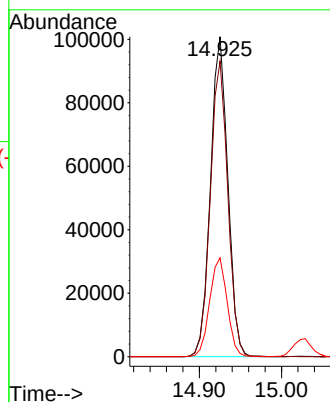
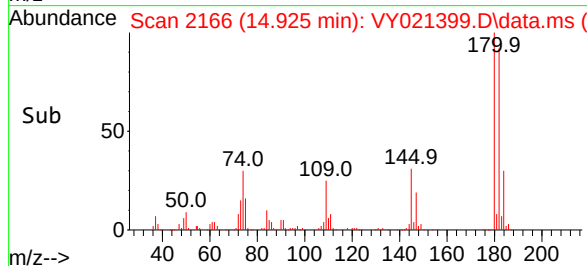
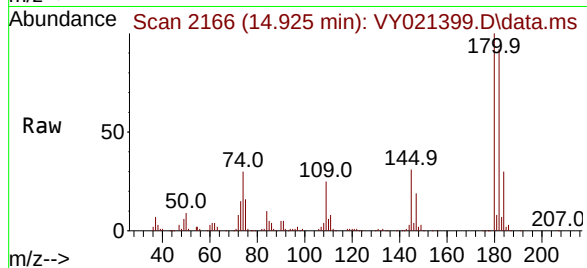
145 31.2 15.6 46.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#94

Hexachlorobutadiene

Concen: 51.220 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

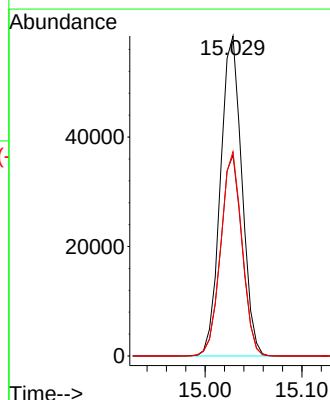
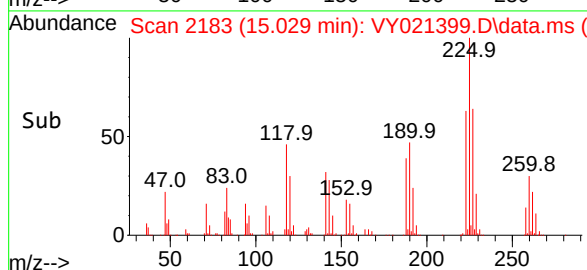
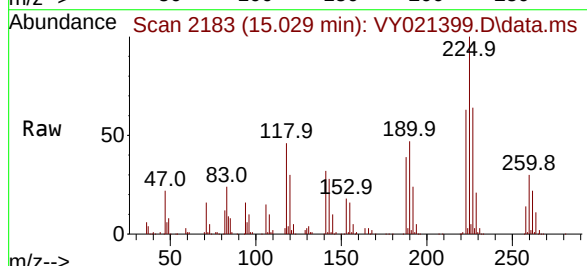
Tgt Ion:225 Resp: 89592

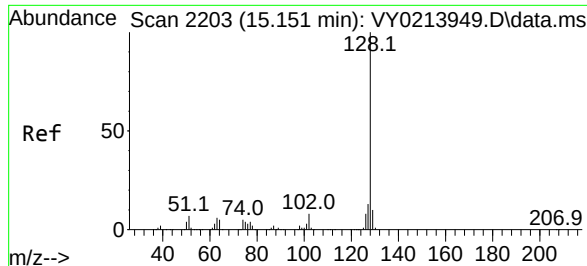
Ion Ratio Lower Upper

225 100

223 62.8 31.4 94.2

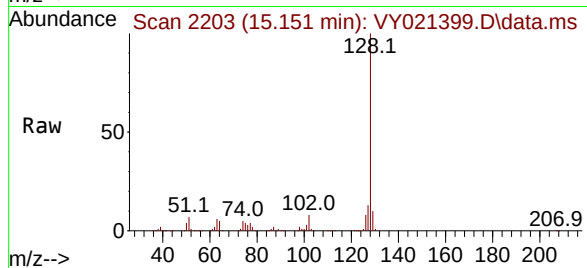
227 63.6 31.8 95.4





#95
Naphthalene
Concen: 53.894 ug/l
RT: 15.151 min Scan# 2203
Delta R.T. -0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

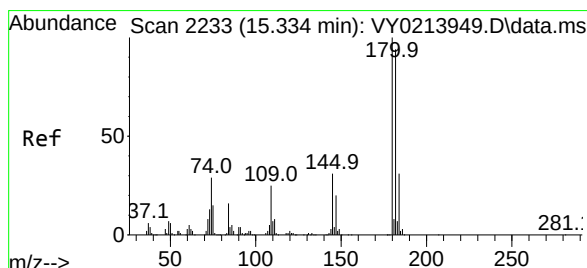
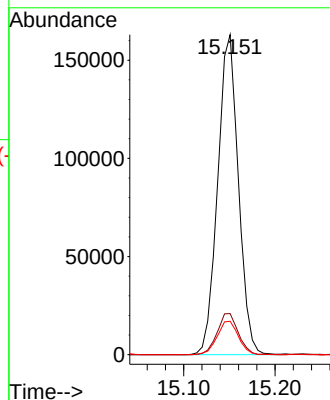
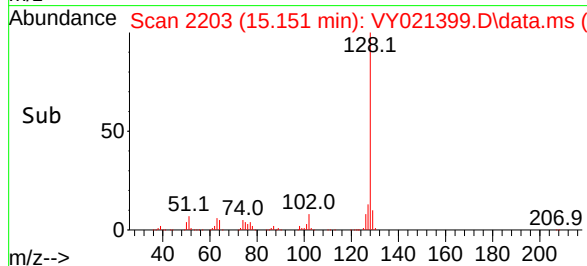
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion:128 Resp: 256660
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.8 8.6 13.0

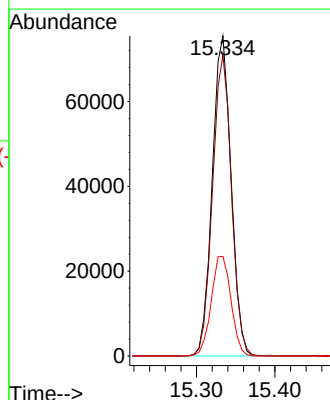
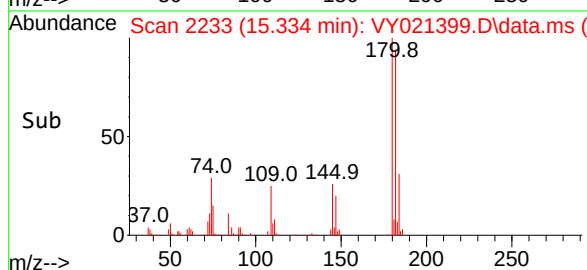
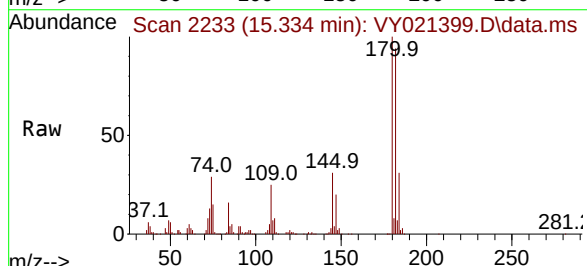
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#96
1,2,3-Trichlorobenzene
Concen: 53.673 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

Tgt Ion:180 Resp: 125962
Ion Ratio Lower Upper
180 100
182 94.4 47.2 141.6
145 32.7 16.4 49.1



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
 Data File : VY021400.D
 Acq On : 04 Mar 2025 11:06
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
 Supervised By :Semsettin Yesilyurt 03/06/2025

Quant Time: Mar 05 03:00:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 02:30:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	244207	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	369748	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	325902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	161237	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	249506	96.666	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 193.340%#			
35) Dibromofluoromethane	7.640	113	245300	100.930	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 201.860%#			
50) Toluene-d8	10.115	98	953319	103.596	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 207.200%#			
62) 4-Bromofluorobenzene	12.414	95	320008	102.231	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 204.460%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	214851	95.873	ug/l	98
3) Chloromethane	2.074	50	297027	94.011	ug/l	99
4) Vinyl Chloride	2.208	62	344887	99.889	ug/l	98
5) Bromomethane	2.598	94	236127	94.624	ug/l	99
6) Chloroethane	2.739	64	223479	97.944	ug/l	97
7) Trichlorofluoromethane	3.068	101	470472	97.624	ug/l	99
8) Diethyl Ether	3.464	74	129160	96.710	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.824	101	264663	96.189	ug/l	99
10) Methyl Iodide	4.013	142	306871	109.719	ug/l	100
11) Tert butyl alcohol	4.872	59	74090	460.479	ug/l	99
12) 1,1-Dichloroethene	3.799	96	250255	99.762	ug/l	99
13) Acrolein	3.659	56	10283	78.325	ug/l	89
14) Allyl chloride	4.397	41	413704	102.051	ug/l	99
15) Acrylonitrile	5.067	53	271919	478.287	ug/l	98
16) Acetone	3.872	43	252046	447.711	ug/l	94
17) Carbon Disulfide	4.116	76	790255	100.521	ug/l	100
18) Methyl Acetate	4.391	43	119905	95.992	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	634643	99.817	ug/l	100
20) Methylene Chloride	4.628	84	258664	87.531	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	278418	99.104	ug/l	96
22) Diisopropyl ether	6.025	45	878111	100.510	ug/l	97
23) Vinyl Acetate	5.970	43	2520516	505.518	ug/l	100
24) 1,1-Dichloroethane	5.921	63	505607	98.056	ug/l	99
25) 2-Butanone	6.902	43	363091	466.248	ug/l	100
26) 2,2-Dichloropropane	6.890	77	466669	98.362	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	321461	100.724	ug/l	99
28) Bromochloromethane	7.250	49	208133	96.281	ug/l	99
29) Tetrahydrofuran	7.268	42	228343	474.960	ug/l	99
30) Chloroform	7.427	83	520812	97.270	ug/l	97
31) Cyclohexane	7.707	56	460568	95.275	ug/l	98
32) 1,1,1-Trichloroethane	7.628	97	480163	97.941	ug/l	100
36) 1,1-Dichloropropene	7.841	75	388384	102.089	ug/l	99
37) Ethyl Acetate	6.994	43	162380	94.621	ug/l	98
38) Carbon Tetrachloride	7.823	117	439762	100.510	ug/l	98
39) Methylcyclohexane	9.115	83	503172	107.827	ug/l	98
40) Benzene	8.085	78	1138841	101.621	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
 Data File : VY021400.D
 Acq On : 04 Mar 2025 11:06
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
 Supervised By :Semsettin Yesilyurt 03/06/2025

Quant Time: Mar 05 03:00:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 02:30:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	95564	102.238	ug/l #	88
42) 1,2-Dichloroethane	8.164	62	305782	97.534	ug/l	100
43) Isopropyl Acetate	8.201	43	327171	100.231	ug/l	99
44) Trichloroethene	8.872	130	284312	100.395	ug/l	97
45) 1,2-Dichloropropane	9.146	63	264690	99.238	ug/l	97
46) Dibromomethane	9.237	93	146713	98.859	ug/l	100
47) Bromodichloromethane	9.426	83	395676	100.395	ug/l	99
48) Methyl methacrylate	9.225	41	156771	103.582	ug/l	100
49) 1,4-Dioxane	9.237	88	29902	2052.779	ug/l	97
51) 4-Methyl-2-Pentanone	10.006	43	850519	504.998	ug/l	100
52) Toluene	10.176	92	737467	104.377	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	365825	105.356	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	428305	103.894	ug/l	99
55) 1,1,2-Trichloroethane	10.579	97	191894	98.848	ug/l	99
56) Ethyl methacrylate	10.444	69	271599	109.699	ug/l	98
57) 1,3-Dichloropropane	10.725	76	334146	99.311	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	600796	525.670	ug/l	100
59) 2-Hexanone	10.768	43	575211	516.516	ug/l	100
60) Dibromochloromethane	10.914	129	268359	100.834	ug/l	100
61) 1,2-Dibromoethane	11.024	107	183206	99.993	ug/l	99
64) Tetrachloroethene	10.652	164	265100	100.033	ug/l	97
65) Chlorobenzene	11.450	112	776963	100.956	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.524	131	275635	101.302	ug/l	99
67) Ethyl Benzene	11.524	91	1439764	106.585	ug/l	100
68) m/p-Xylenes	11.633	106	1085642	211.694	ug/l	99
69) o-Xylene	11.962	106	507619	107.399	ug/l	100
70) Styrene	11.975	104	851456	108.590	ug/l	99
71) Bromoform	12.139	173	154505	101.579	ug/l	99
73) Isopropylbenzene	12.261	105	1364499	107.432	ug/l	99
74) N-amyl acetate	12.078	43	298318	108.151	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	215229	96.028	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	157519m	96.949	ug/l	
77) Bromobenzene	12.536	156	301928	101.611	ug/l	99
78) n-propylbenzene	12.603	91	1627111	105.485	ug/l	100
79) 2-Chlorotoluene	12.688	91	910543	103.236	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	1087821	105.392	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	73701	103.120	ug/l	97
82) 4-Chlorotoluene	12.786	91	945021	103.470	ug/l	99
83) tert-Butylbenzene	13.005	119	998366	108.425	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	1081299	105.512	ug/l	99
85) sec-Butylbenzene	13.182	105	1441675	105.232	ug/l	99
86) p-Isopropyltoluene	13.298	119	1212941	107.466	ug/l	100
87) 1,3-Dichlorobenzene	13.291	146	593203	100.292	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	575089	99.419	ug/l	99
89) n-Butylbenzene	13.621	91	1139920	109.374	ug/l	99
90) Hexachloroethane	13.889	117	244664	101.612	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	505733	99.761	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	31708	94.443	ug/l	98
93) 1,2,4-Trichlorobenzene	14.925	180	298684	107.869	ug/l	98
94) Hexachlorobutadiene	15.029	225	182747	105.287	ug/l	100
95) Naphthalene	15.151	128	506570	97.607	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	248728	106.805	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
Data File : VY021400.D
Acq On : 04 Mar 2025 11:06
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

Quant Time: Mar 05 03:00:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 02:30:51 2025
Response via : Initial Calibration

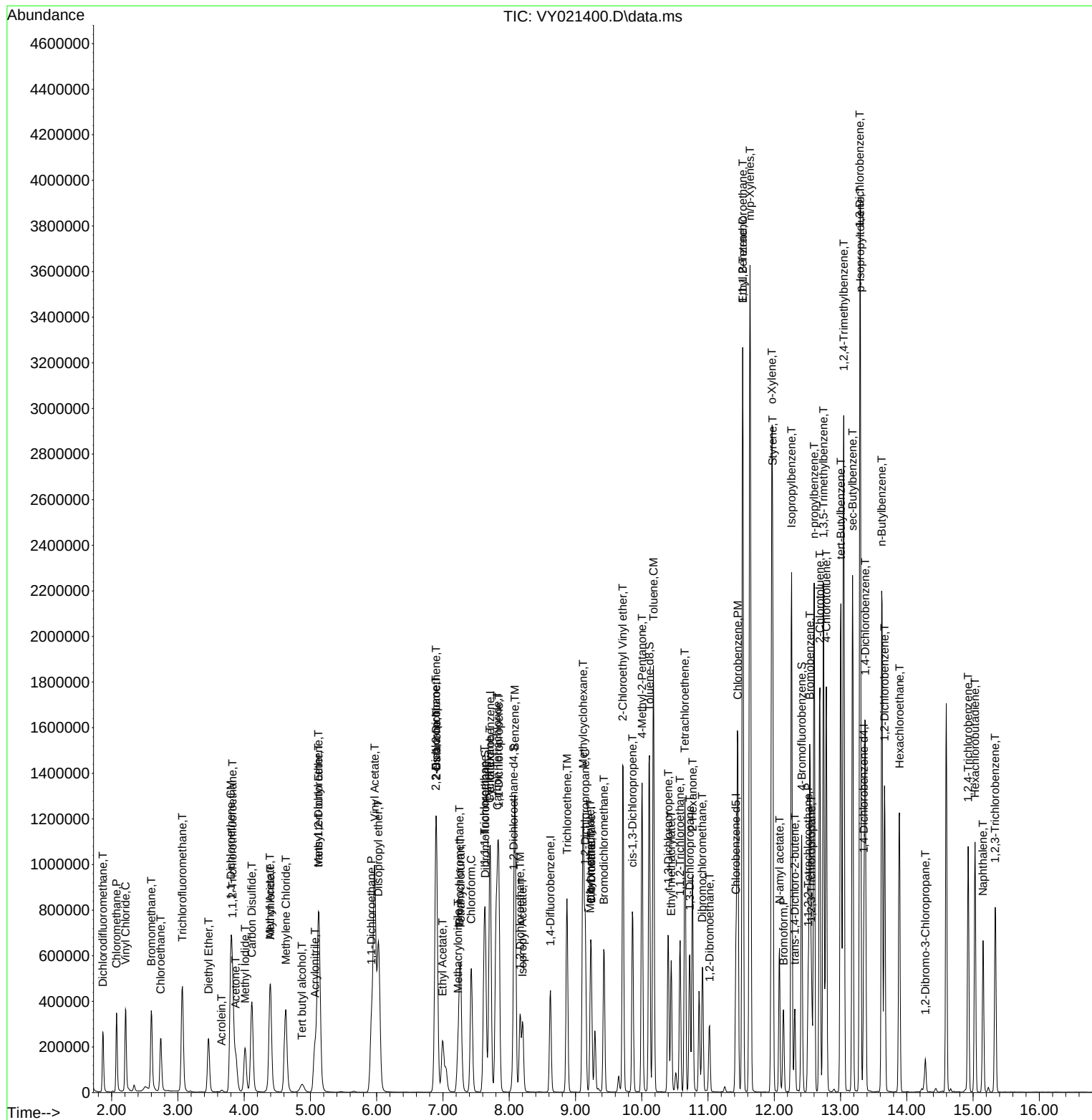
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

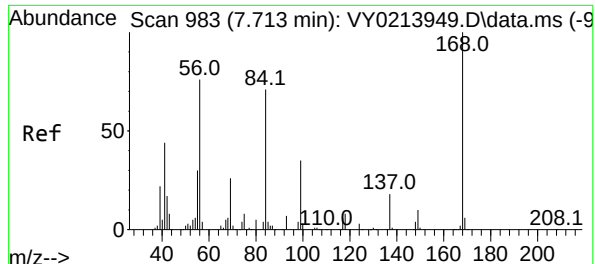
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

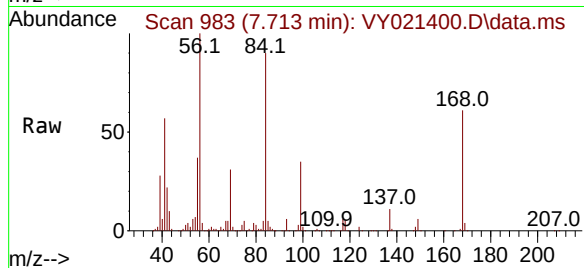
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

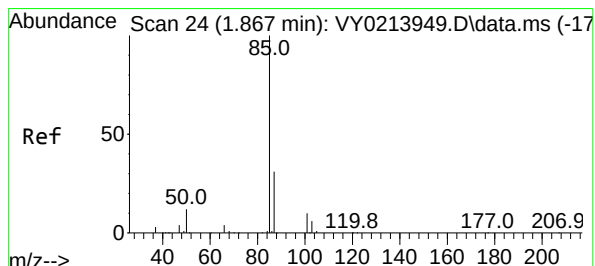
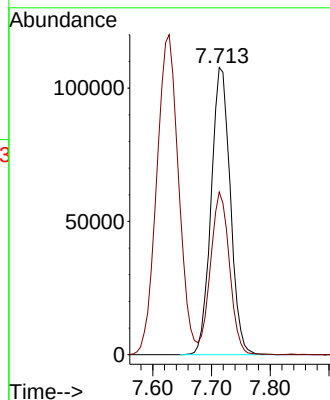
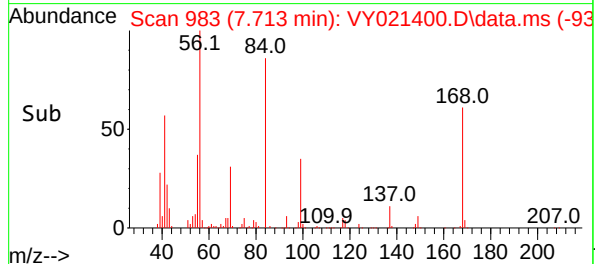
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion:168 Resp: 24420
Ion Ratio Lower Upper
168 100
99 56.6 46.0 69.0

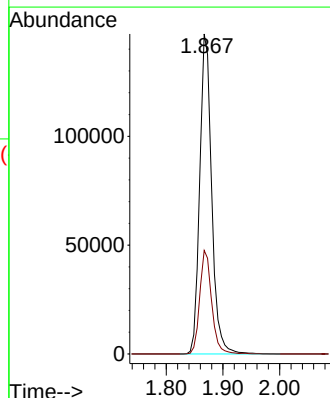
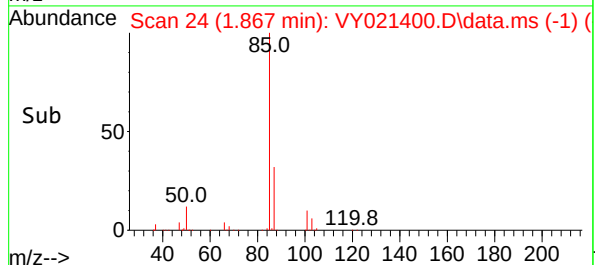
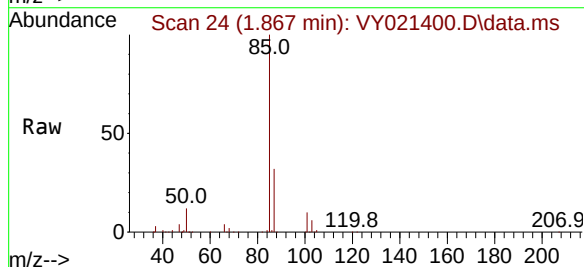
Manual Integrations
APPROVED

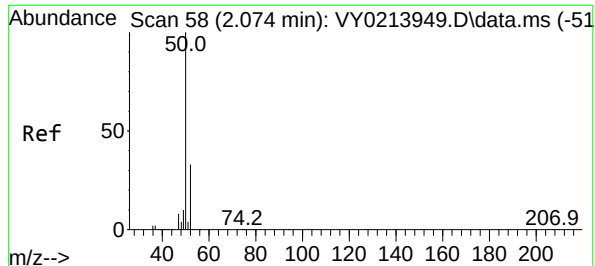
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#2
Dichlorodifluoromethane
Concen: 95.873 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

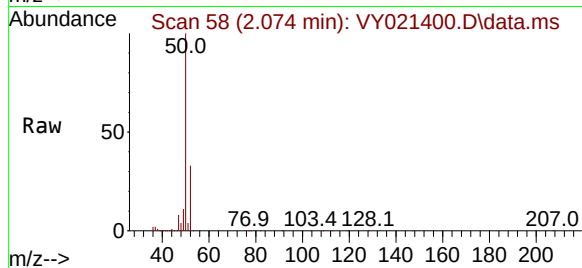
Tgt Ion: 85 Resp: 214851
Ion Ratio Lower Upper
85 100
87 32.3 15.7 47.0





#3
Chloromethane
Concen: 94.011 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

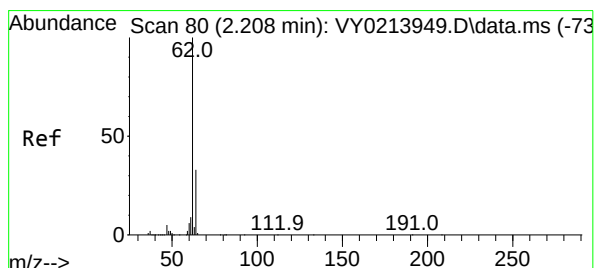
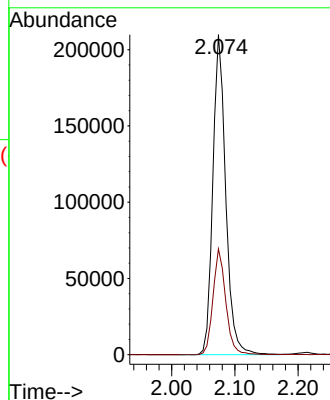
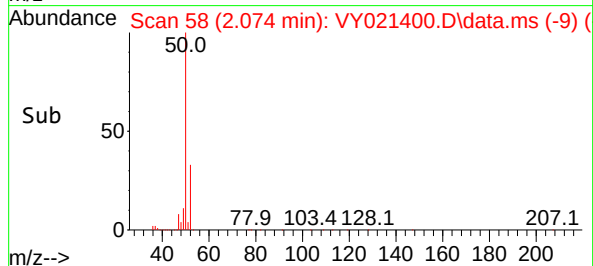
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 50 Resp: 29702
Ion Ratio Lower Upper
50 100
52 33.0 26.2 39.2

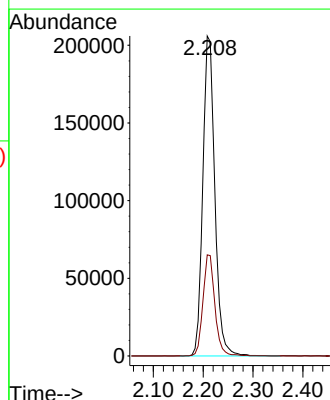
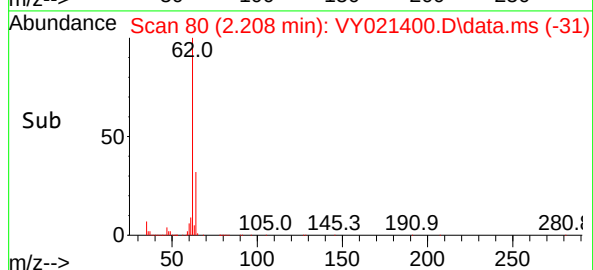
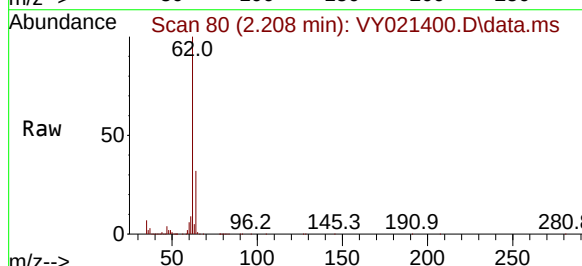
Manual Integrations
APPROVED

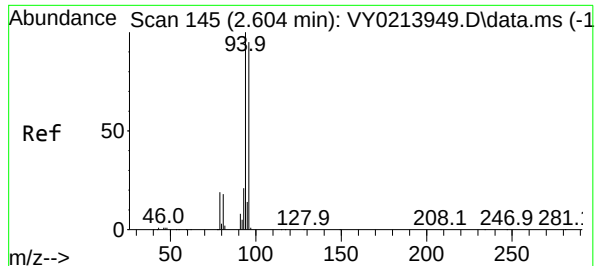
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#4
Vinyl Chloride
Concen: 99.889 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

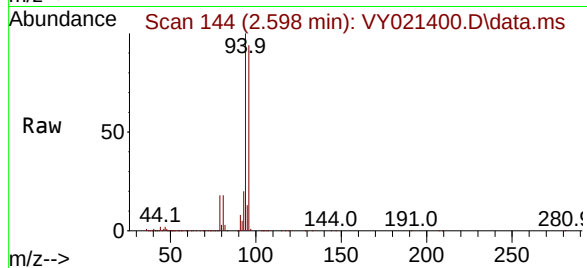
Tgt Ion: 62 Resp: 344887
Ion Ratio Lower Upper
62 100
64 31.5 26.2 39.2





#5
Bromomethane
Concen: 94.624 ug/l
RT: 2.598 min Scan# 145
Delta R.T. -0.006 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

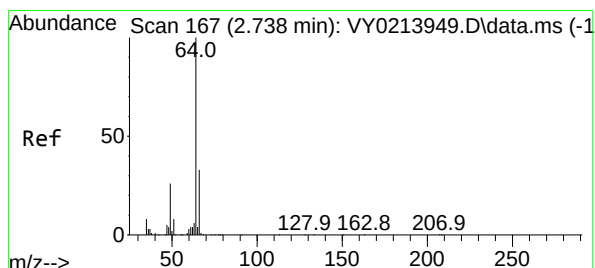
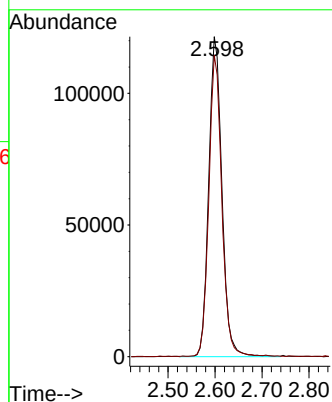
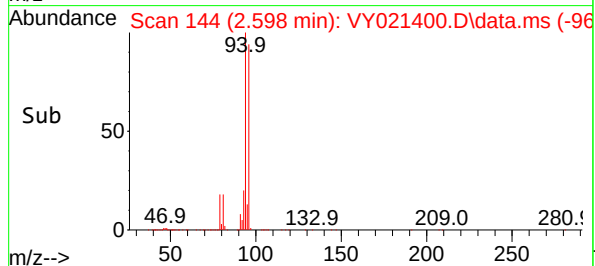
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 94 Resp: 23612
Ion Ratio Lower Upper
94 100
96 94.0 76.3 114.5

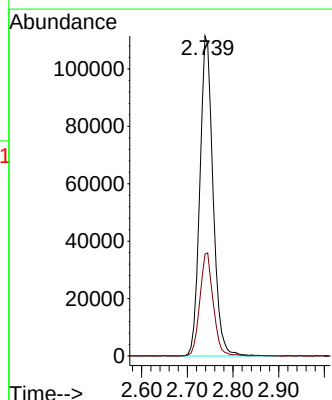
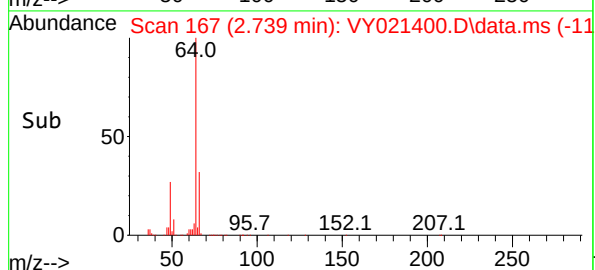
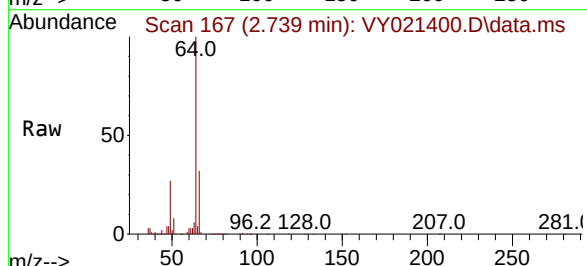
Manual Integrations
APPROVED

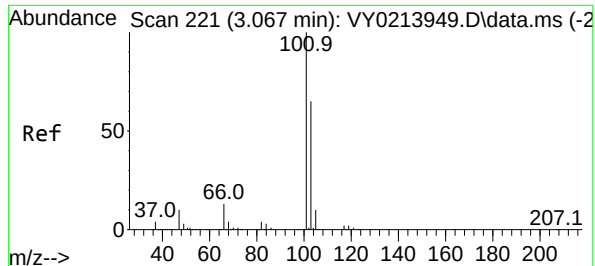
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#6
Chloroethane
Concen: 97.944 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

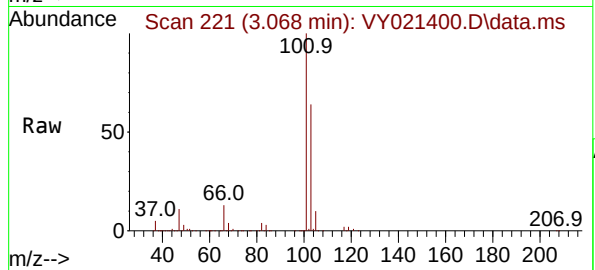
Tgt Ion: 64 Resp: 223479
Ion Ratio Lower Upper
64 100
66 31.8 26.7 40.1





#7
Trichlorofluoromethane
Concen: 97.624 ug/l
RT: 3.068 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

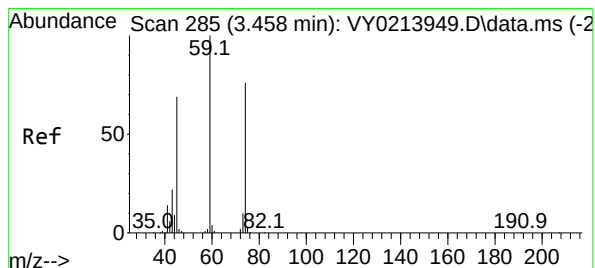
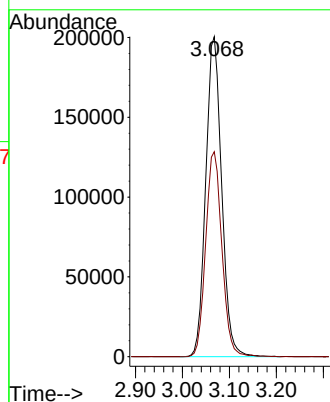
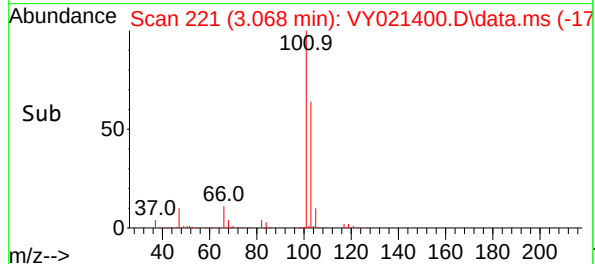
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion:101 Resp: 470472
Ion Ratio Lower Upper
101 100
103 64.1 51.7 77.5

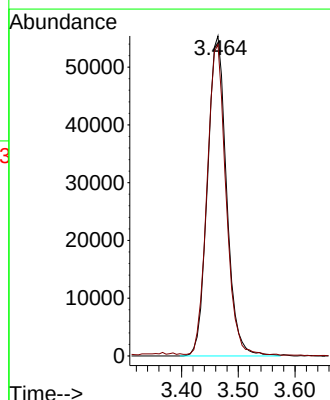
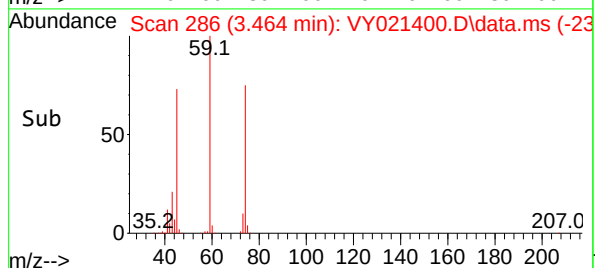
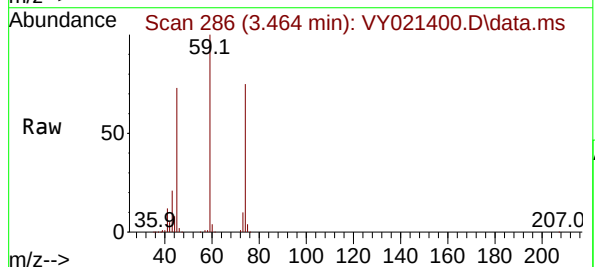
Manual Integrations
APPROVED

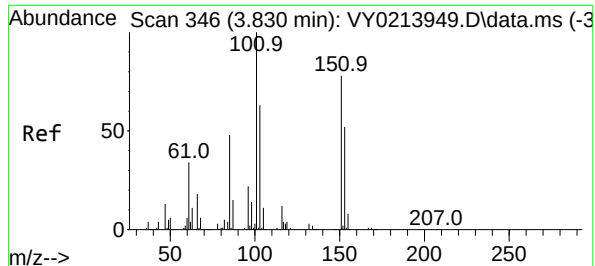
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#8
Diethyl Ether
Concen: 96.710 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.006 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

Tgt Ion: 74 Resp: 129160
Ion Ratio Lower Upper
74 100
45 95.8 49.7 149.1





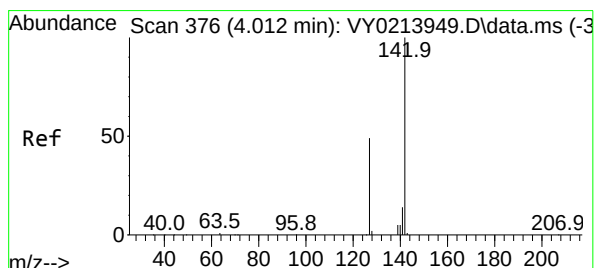
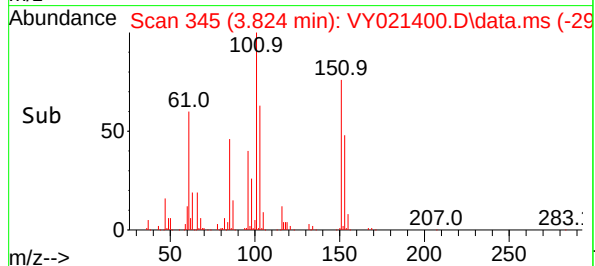
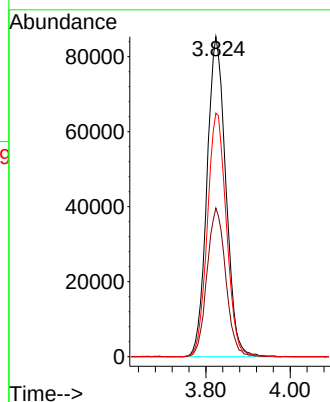
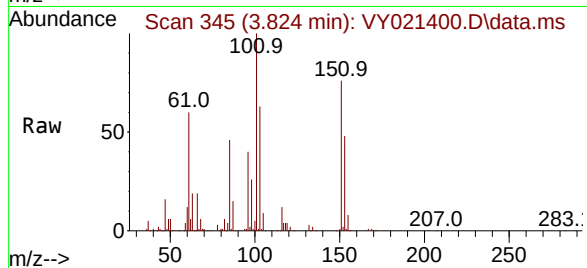
#9
1,1,2-Trichlorotrifluoroethane
Concen: 96.189 ug/l
RT: 3.824 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 26466
Ion Ratio Lower Upper
101 100
85 46.2 37.1 55.7
151 76.9 62.1 93.1

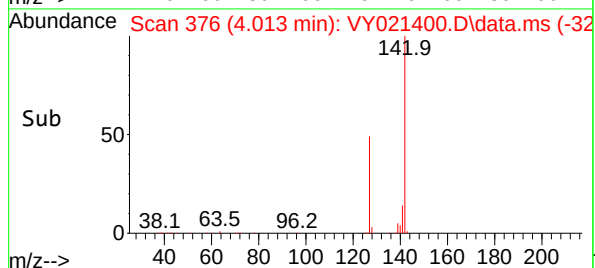
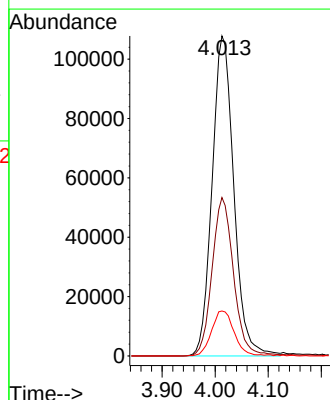
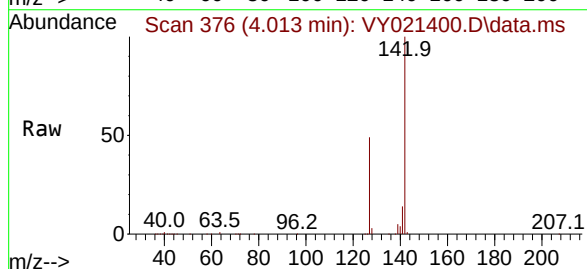
Manual Integrations
APPROVED

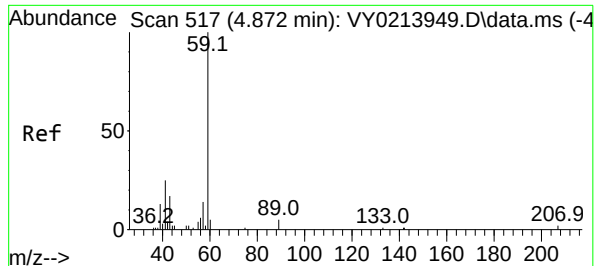
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#10
Methyl Iodide
Concen: 109.719 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

Tgt Ion:142 Resp: 306871
Ion Ratio Lower Upper
142 100
127 49.0 39.1 58.7
141 14.7 11.8 17.6





#11

Tert butyl alcohol

Concen: 460.479 ug/l

RT: 4.872 min Scan# 517

Delta R.T. 0.000 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 59 Resp: 74090

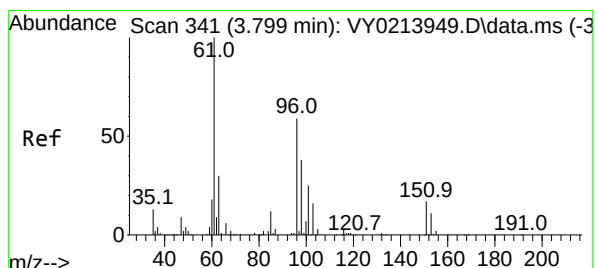
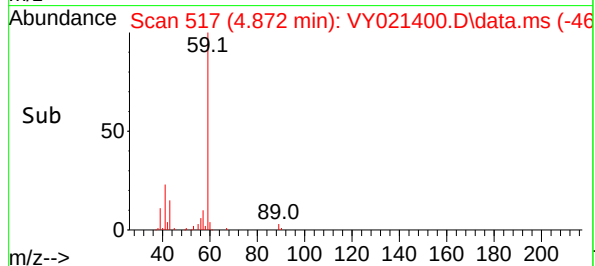
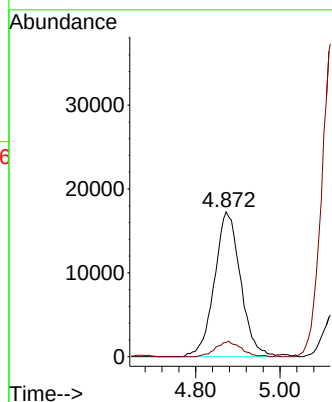
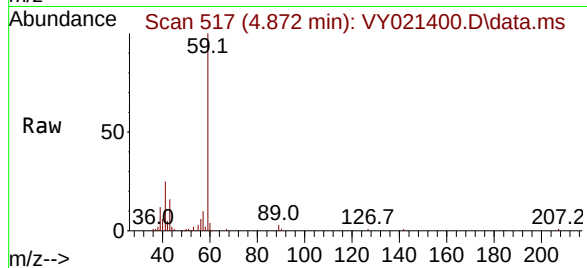
Ion Ratio Lower Upper

59 100

57 10.1 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#12

1,1-Dichloroethene

Concen: 99.762 ug/l

RT: 3.799 min Scan# 341

Delta R.T. 0.000 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

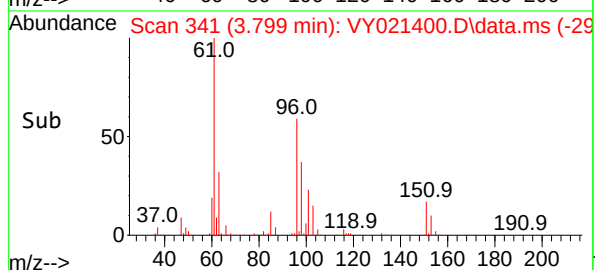
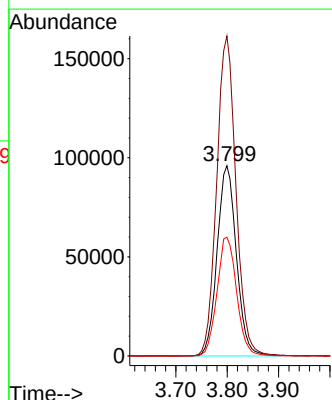
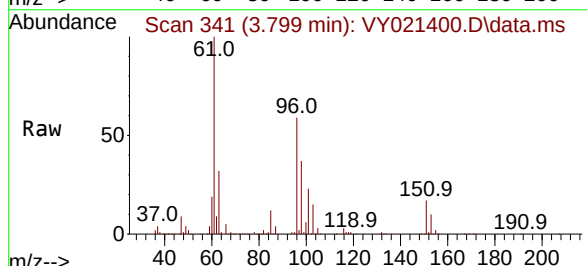
Tgt Ion: 96 Resp: 250255

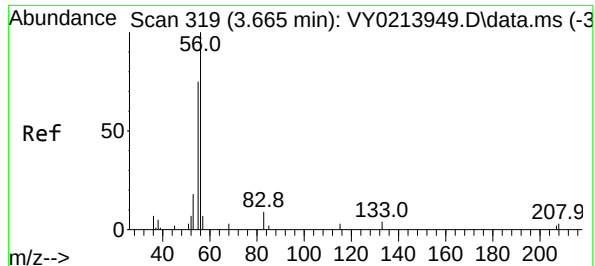
Ion Ratio Lower Upper

96 100

61 168.1 135.2 202.8

98 62.4 51.4 77.2





#13

Acrolein

Concen: 78.325 ug/l

RT: 3.659 min Scan# 319

Delta R.T. -0.006 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 56 Resp: 1028

Ion Ratio Lower Upper

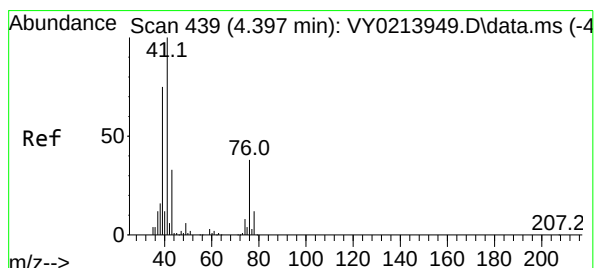
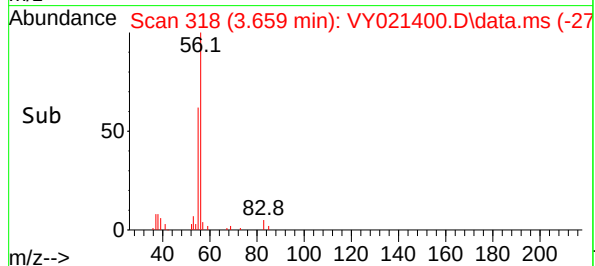
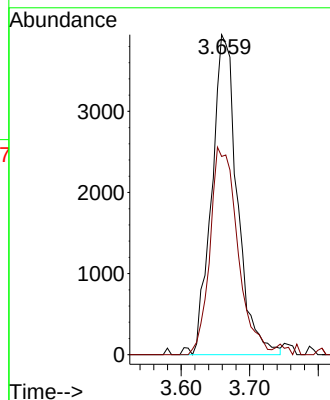
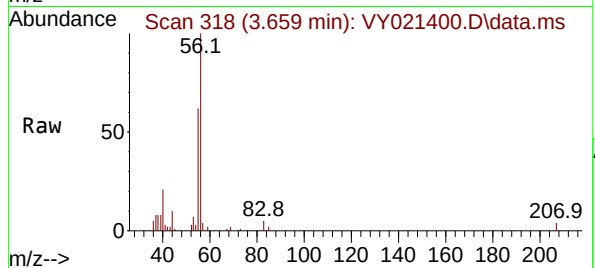
56 100

55 69.8 63.4 95.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#14

Allyl chloride

Concen: 102.051 ug/l

RT: 4.397 min Scan# 439

Delta R.T. 0.000 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

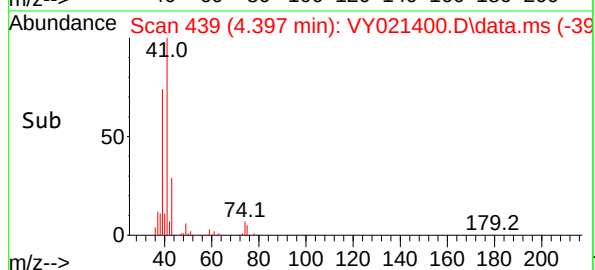
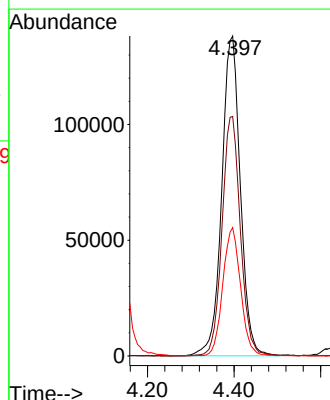
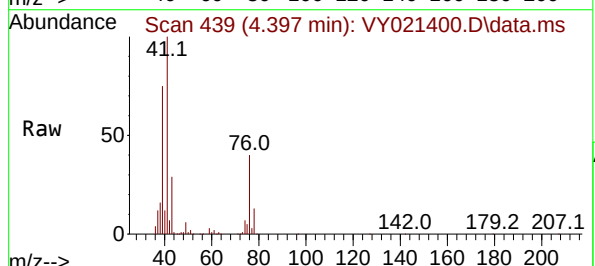
Tgt Ion: 41 Resp: 413704

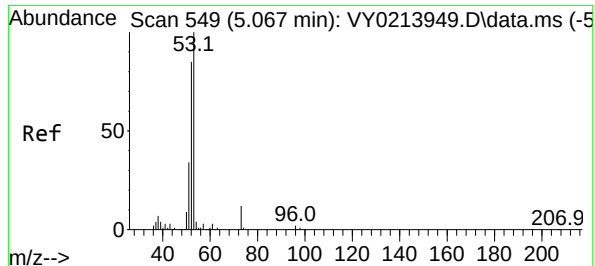
Ion Ratio Lower Upper

41 100

39 74.0 59.3 88.9

76 38.3 29.8 44.8





#15

Acrylonitrile

Concen: 478.287 ug/l

RT: 5.067 min Scan# 549

Delta R.T. 0.000 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 53 Resp: 271919

Ion Ratio Lower Upper

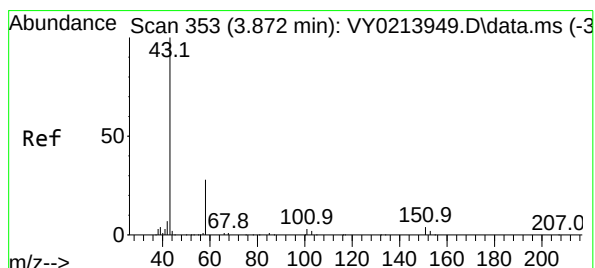
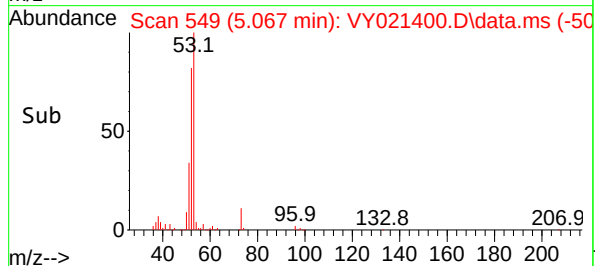
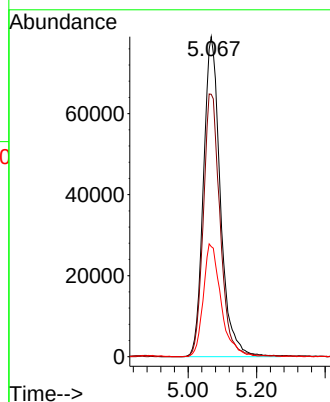
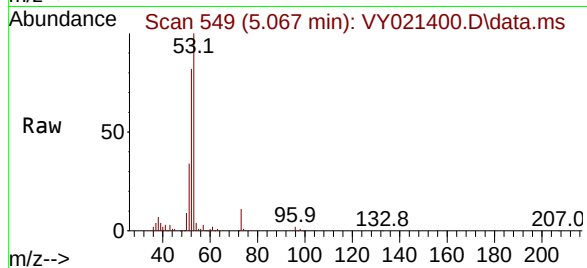
53 100

52 81.1 66.3 99.5

51 37.0 30.3 45.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#16

Acetone

Concen: 447.711 ug/l

RT: 3.872 min Scan# 353

Delta R.T. 0.000 min

Lab File: VY021400.D

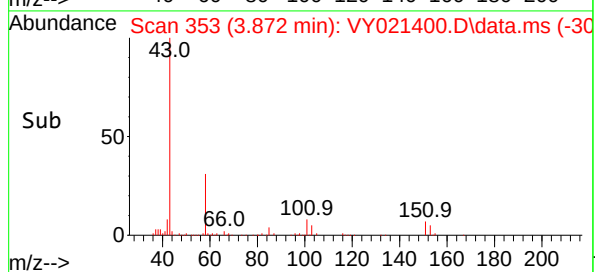
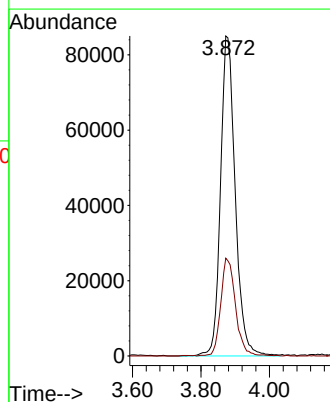
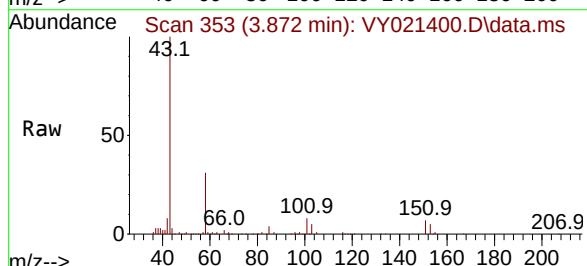
Acq: 04 Mar 2025 11:06

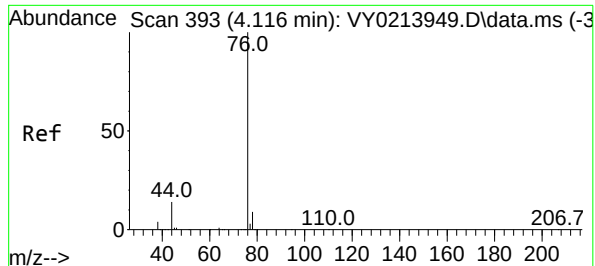
Tgt Ion: 43 Resp: 252046

Ion Ratio Lower Upper

43 100

58 30.5 22.1 33.1





#17

Carbon Disulfide

Concen: 100.521 ug/l

RT: 4.116 min Scan# 393

Delta R.T. 0.000 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 79025

Ion Ratio Lower Upper

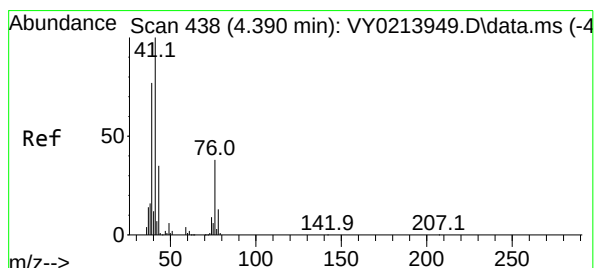
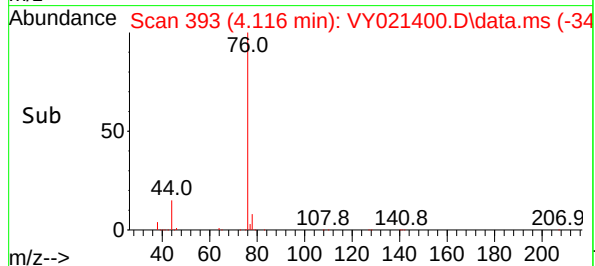
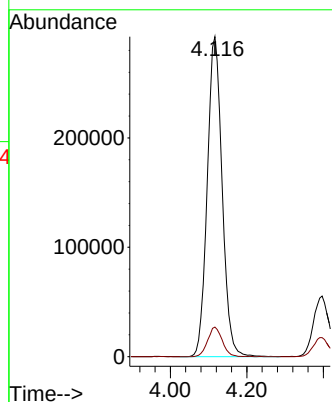
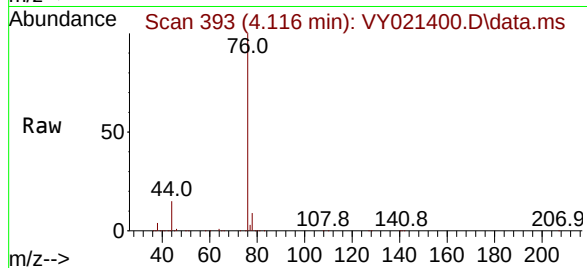
76 100

78 9.3 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#18

Methyl Acetate

Concen: 95.992 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.000 min

Lab File: VY021400.D

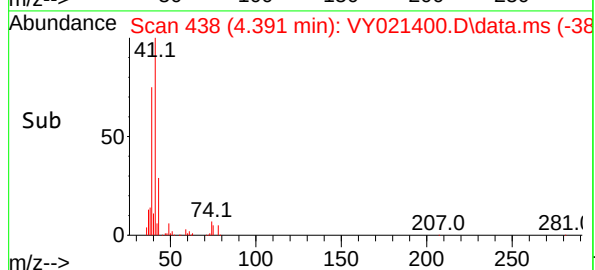
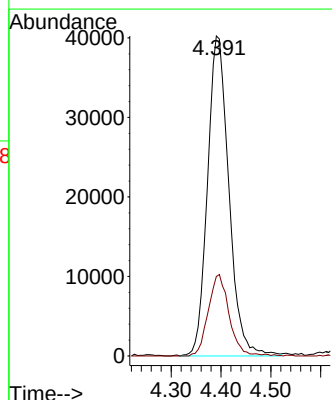
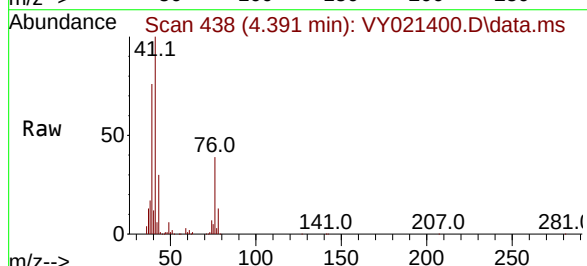
Acq: 04 Mar 2025 11:06

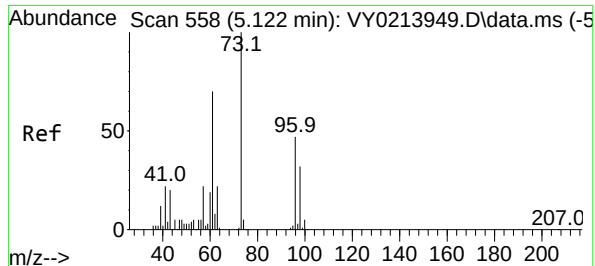
Tgt Ion: 43 Resp: 119905

Ion Ratio Lower Upper

43 100

74 24.8 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 99.817 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 73 Resp: 63464

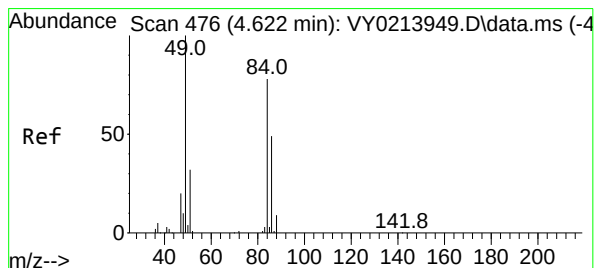
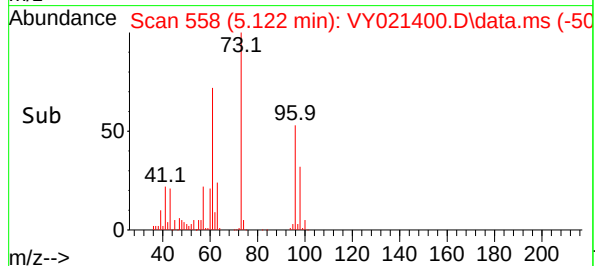
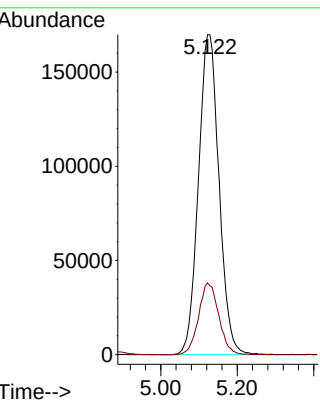
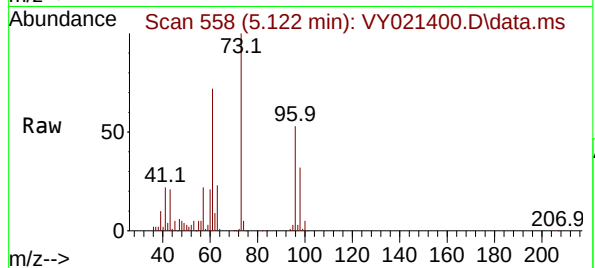
Ion Ratio Lower Upper

73 100

57 22.5 17.9 26.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#20

Methylene Chloride

Concen: 87.531 ug/l

RT: 4.628 min Scan# 477

Delta R.T. 0.006 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

Tgt Ion: 84 Resp: 258664

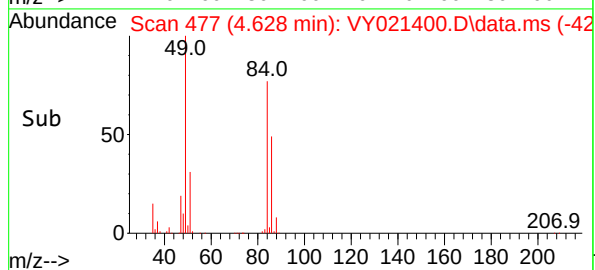
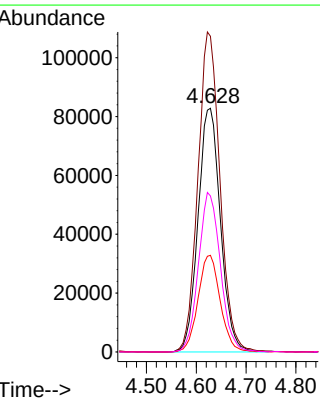
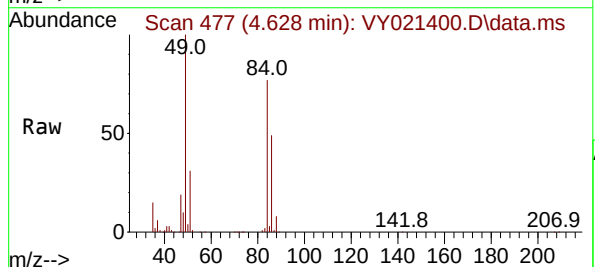
Ion Ratio Lower Upper

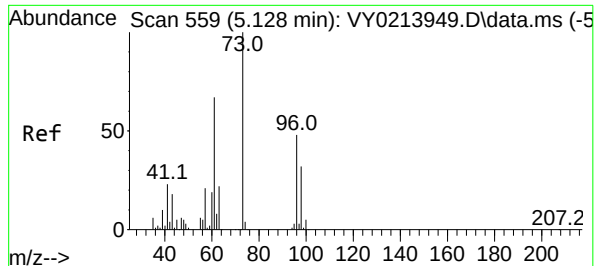
84 100

49 129.5 102.0 153.0

51 39.6 33.0 49.6

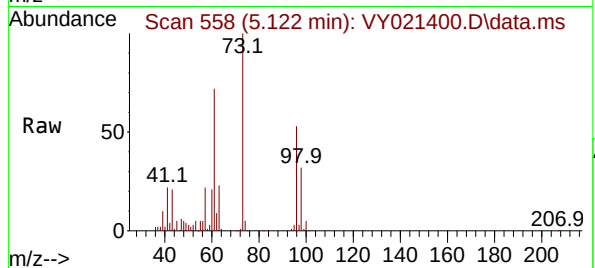
86 64.0 50.5 75.7





#21
trans-1,2-Dichloroethene
Concen: 99.104 ug/l
RT: 5.122 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

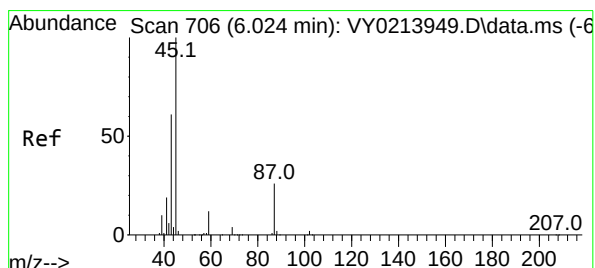
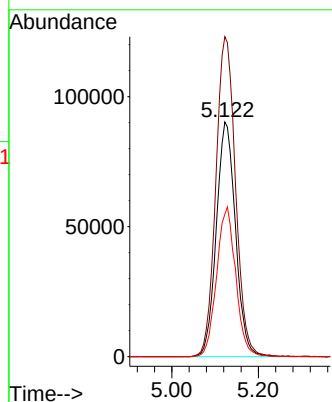
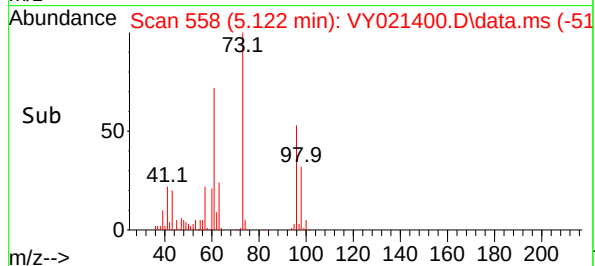
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 96 Resp: 278418
Ion Ratio Lower Upper
96 100
61 136.3 111.5 167.3
98 60.6 53.8 80.8

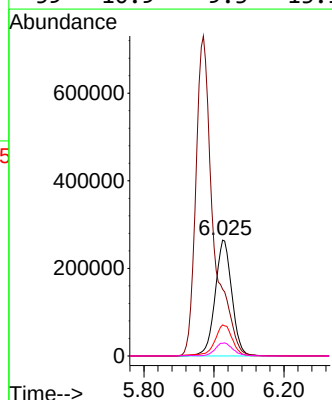
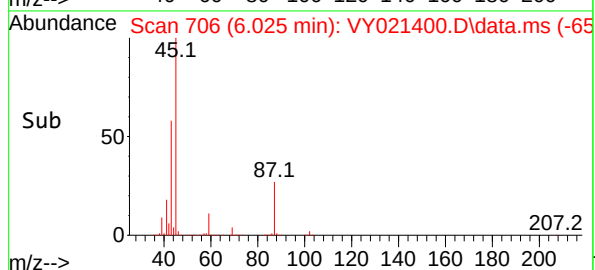
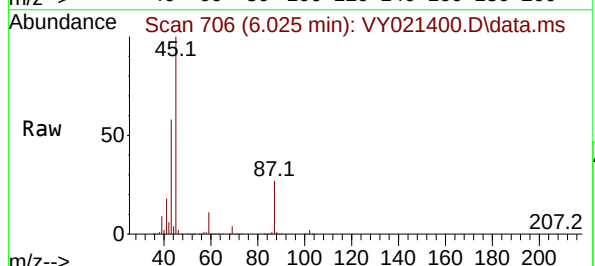
Manual Integrations
APPROVED

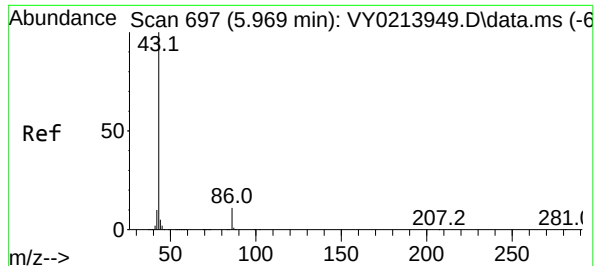
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#22
Diisopropyl ether
Concen: 100.510 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

Tgt Ion: 45 Resp: 878111
Ion Ratio Lower Upper
45 100
43 57.4 48.7 73.1
87 26.8 21.5 32.3
59 10.9 9.3 13.9





#23

Vinyl Acetate

Concen: 505.518 ug/l

RT: 5.970 min Scan# 697

Delta R.T. 0.000 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 43 Resp: 2520510

Ion Ratio Lower Upper

43

100

86

10.6

8.5

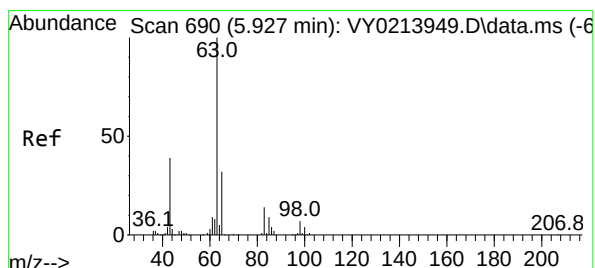
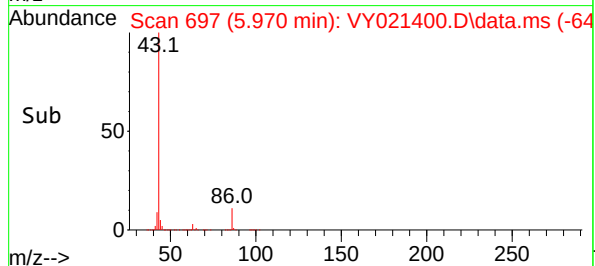
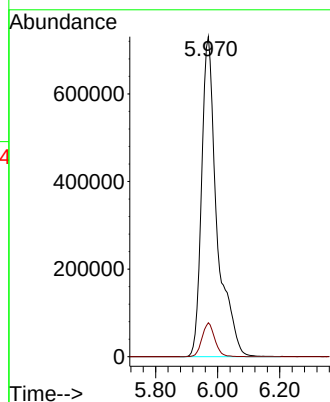
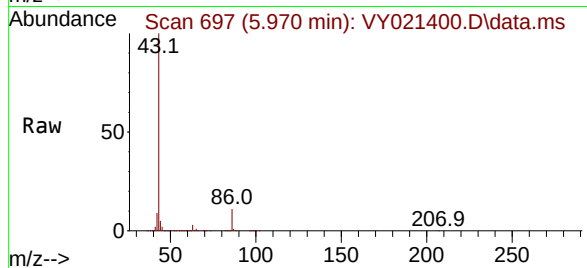
12.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#24

1,1-Dichloroethane

Concen: 98.056 ug/l

RT: 5.921 min Scan# 689

Delta R.T. -0.006 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

Tgt Ion: 63 Resp: 505607

Ion Ratio Lower Upper

63

100

98

6.3

3.3

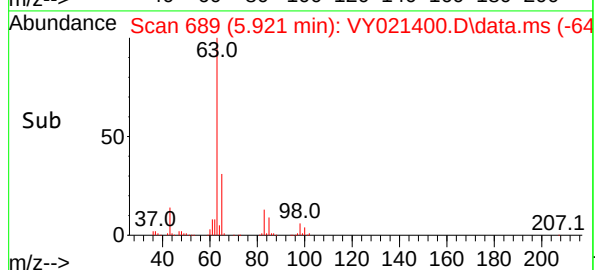
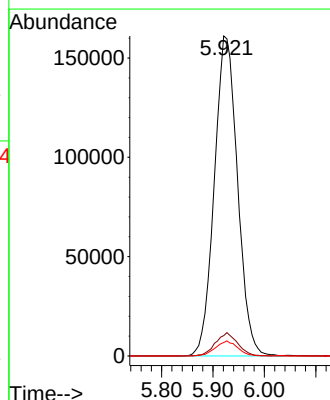
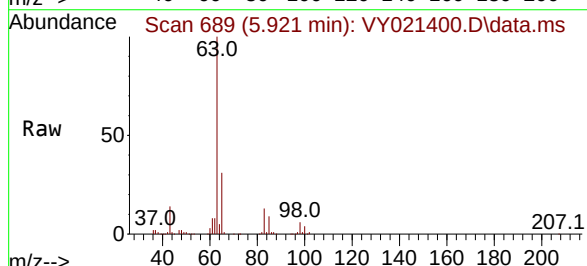
9.9

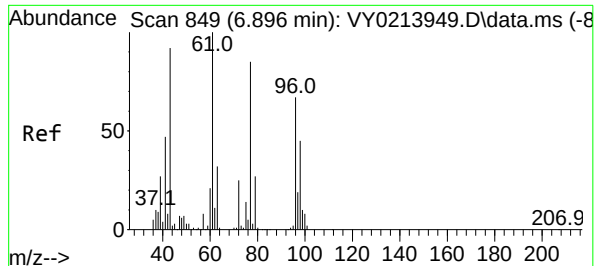
100

4.2

2.1

6.5





#25

2-Butanone

Concen: 466.248 ug/l

RT: 6.902 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 36309

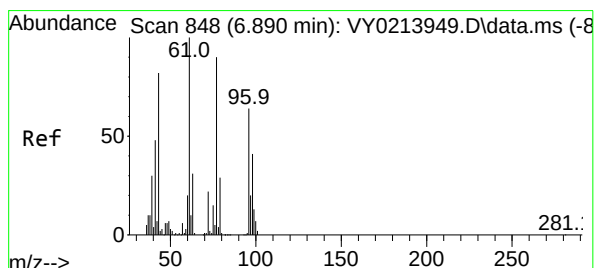
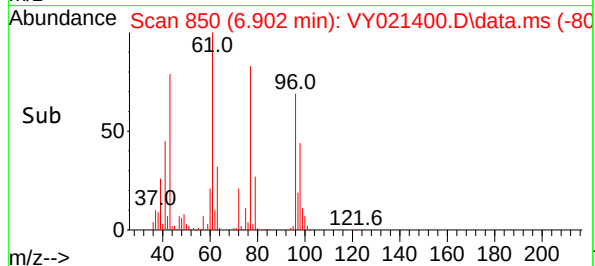
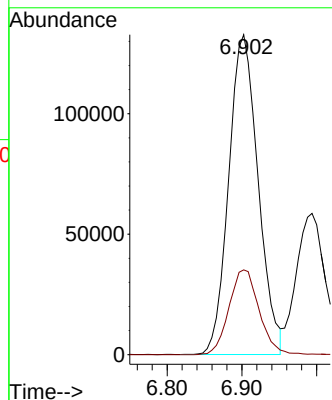
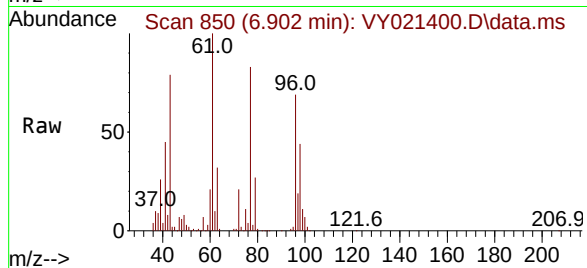
Ion Ratio Lower Upper

43 100

72 26.5 21.4 32.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#26

2,2-Dichloropropane

Concen: 98.362 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021400.D

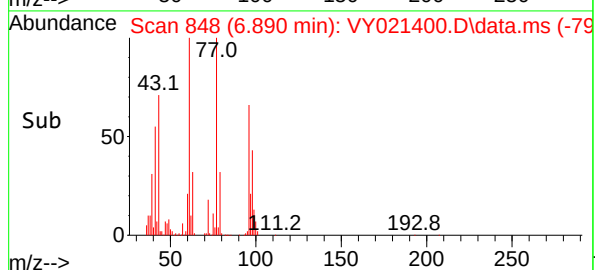
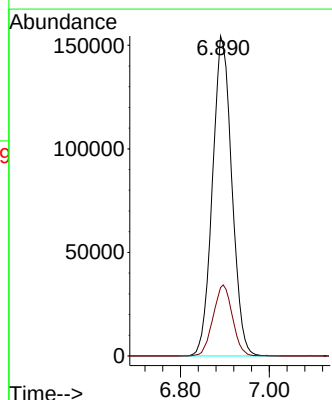
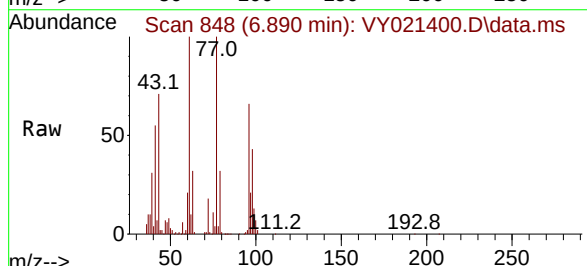
Acq: 04 Mar 2025 11:06

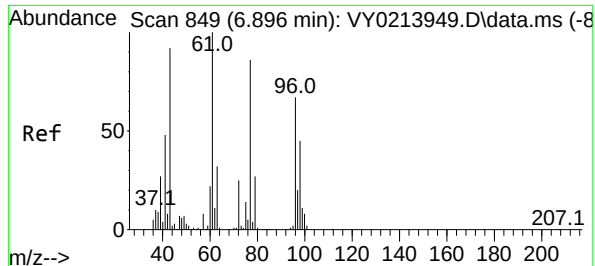
Tgt Ion: 77 Resp: 466669

Ion Ratio Lower Upper

77 100

97 22.1 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 100.724 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 96 Resp: 32146

Ion Ratio Lower Upper

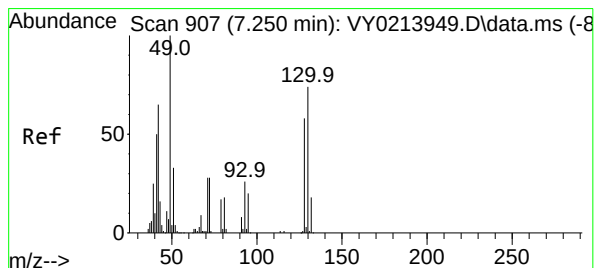
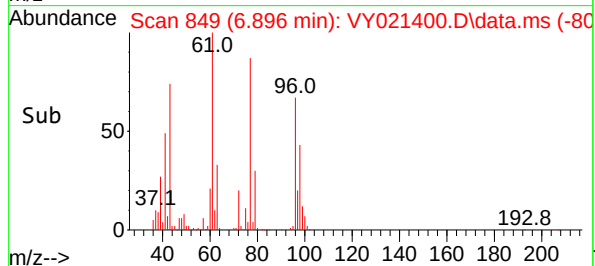
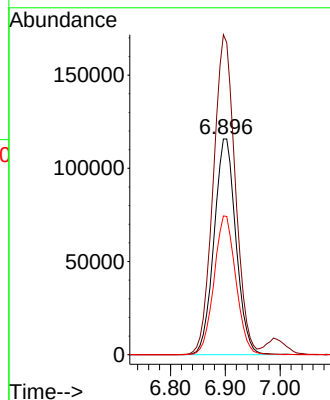
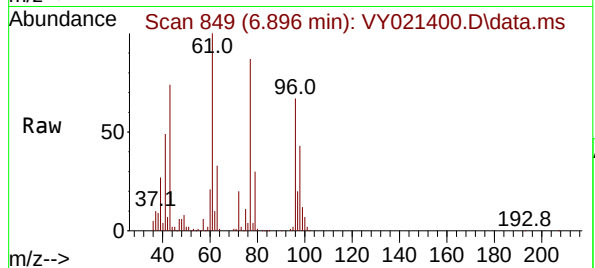
96 100

61 148.7 0.0 300.8

98 64.2 0.0 130.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#28

Bromochloromethane

Concen: 96.281 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

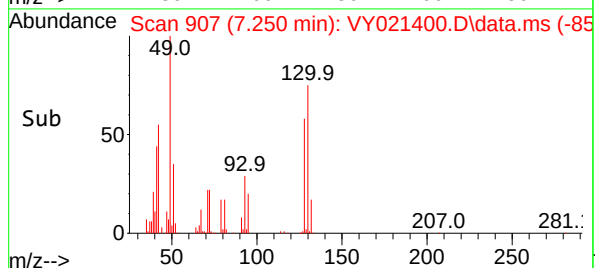
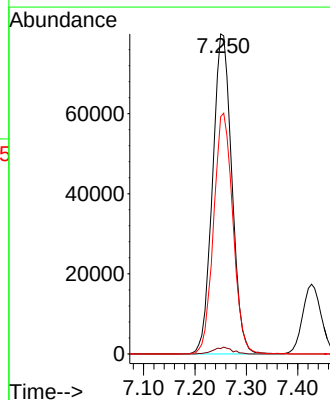
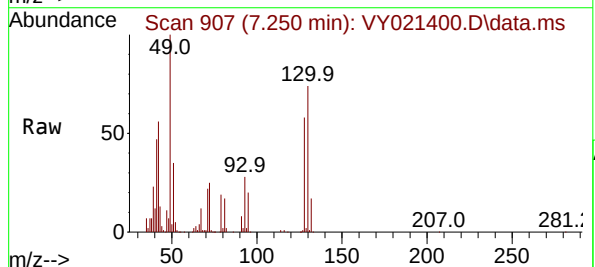
Tgt Ion: 49 Resp: 208133

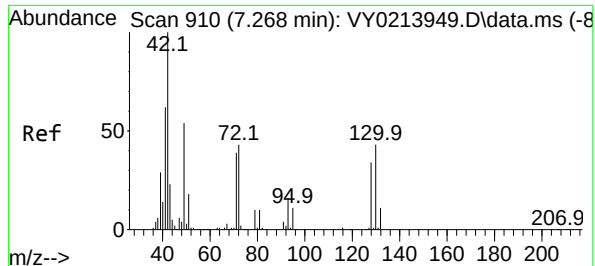
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

130 75.1 59.6 89.4





#29

Tetrahydrofuran

Concen: 474.960 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.000 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 42 Resp: 22834

Ion Ratio Lower Upper

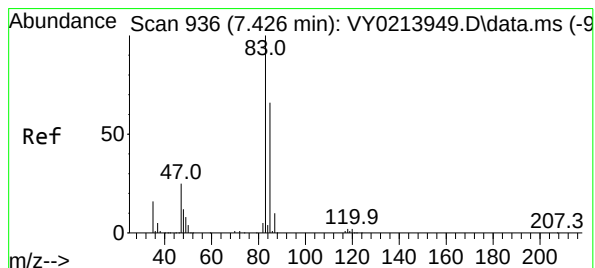
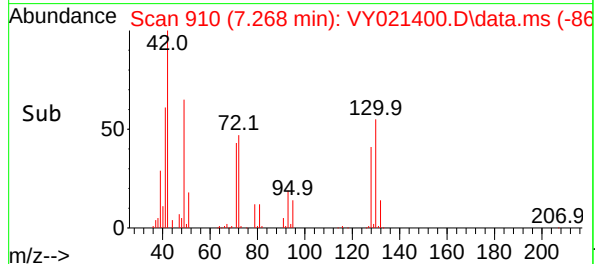
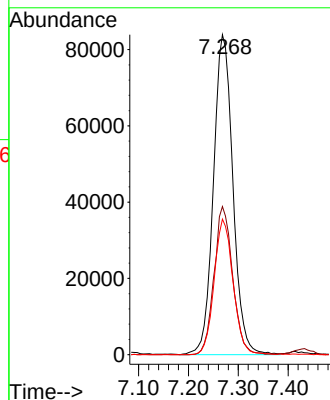
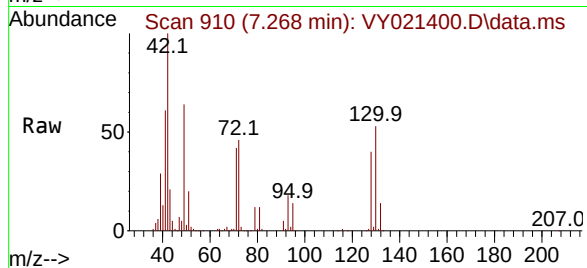
42 100

72 44.2 34.8 52.2

71 41.1 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#30

Chloroform

Concen: 97.270 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.000 min

Lab File: VY021400.D

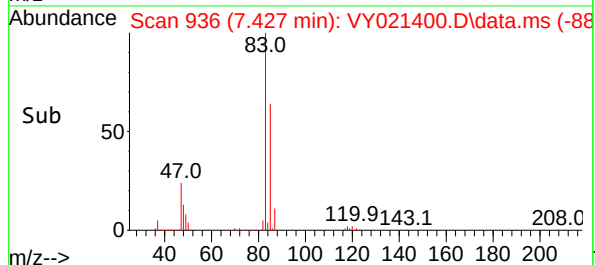
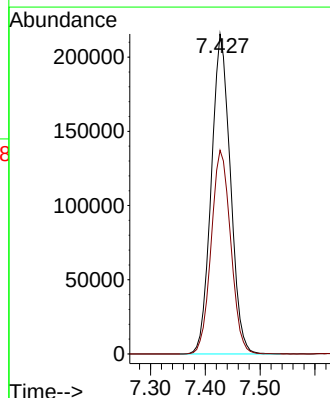
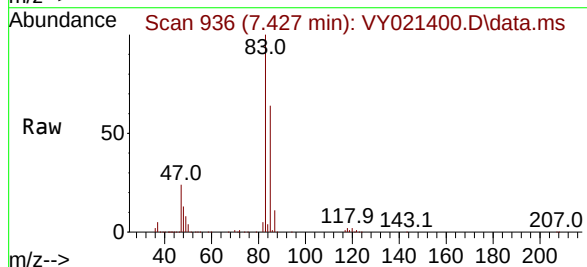
Acq: 04 Mar 2025 11:06

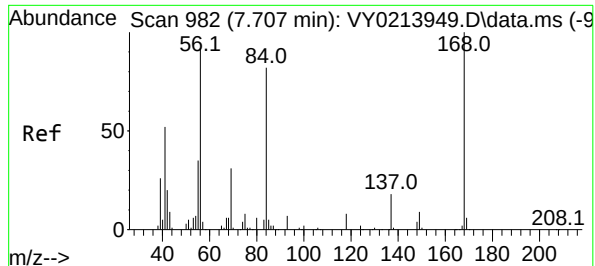
Tgt Ion: 83 Resp: 520812

Ion Ratio Lower Upper

83 100

85 63.6 53.1 79.7





#31

Cyclohexane

Concen: 95.275 ug/l

RT: 7.707 min Scan# 982

Delta R.T. 0.000 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 56 Resp: 46056

Ion Ratio Lower Upper

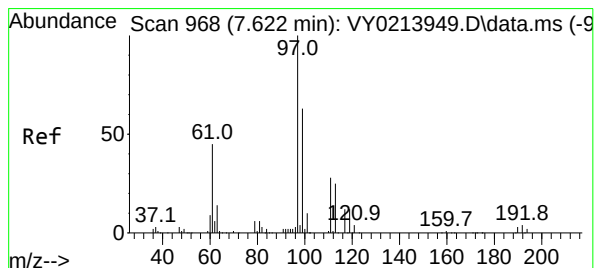
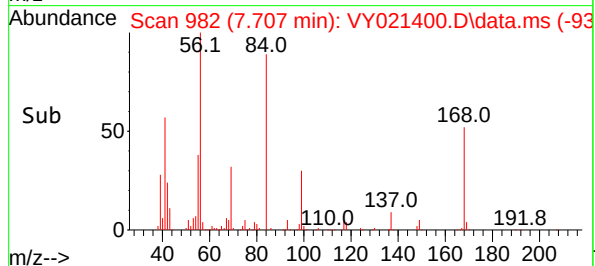
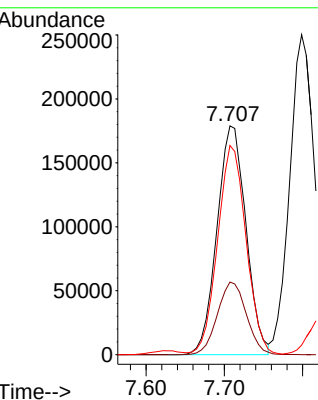
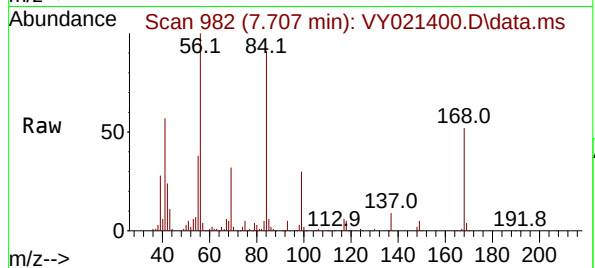
56 100

69 31.7 27.0 40.4

84 89.7 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#32

1,1,1-Trichloroethane

Concen: 97.941 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

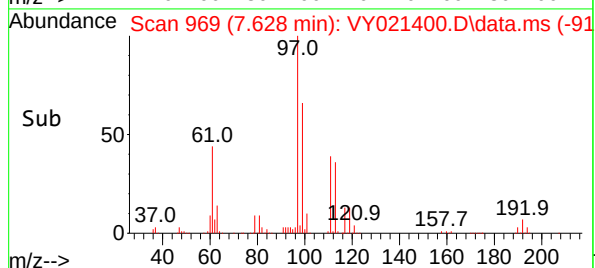
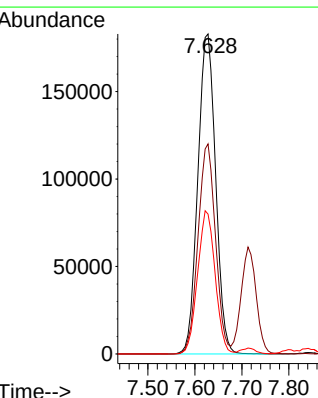
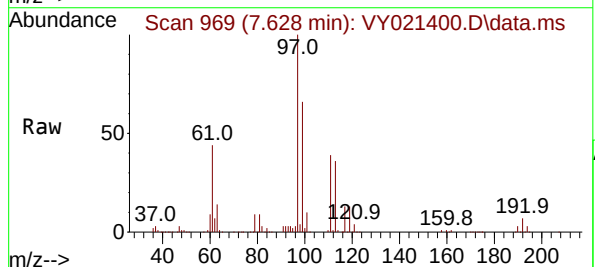
Tgt Ion: 97 Resp: 480163

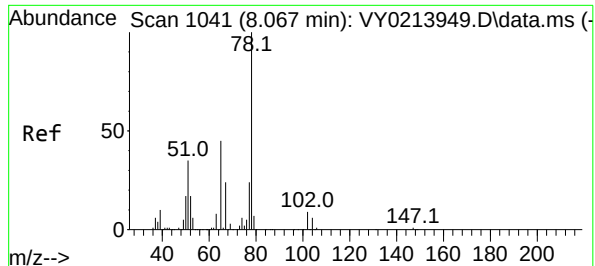
Ion Ratio Lower Upper

97 100

99 64.7 51.7 77.5

61 44.2 35.7 53.5





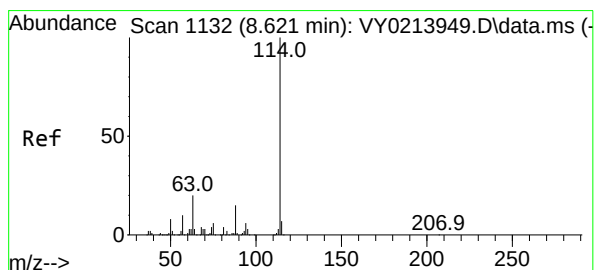
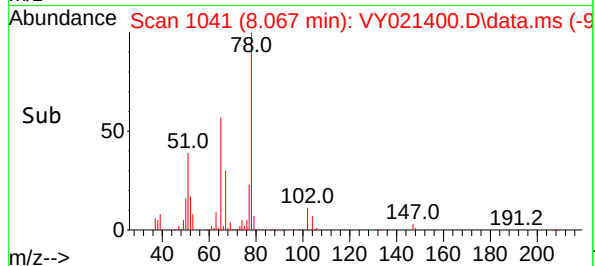
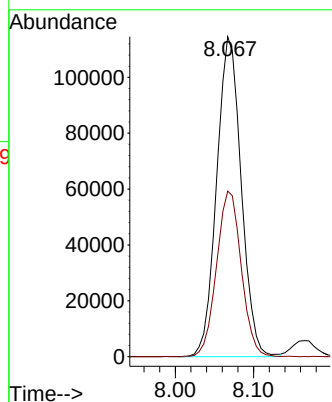
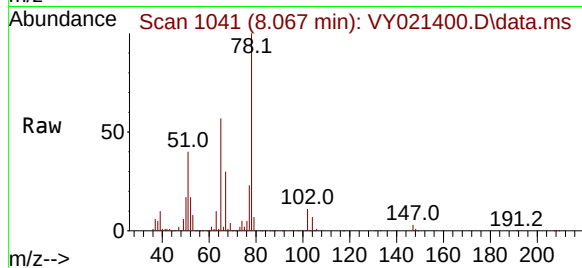
#33
1,2-Dichloroethane-d4
Concen: 96.666 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 65 Resp: 249500
Ion Ratio Lower Upper
65 100
67 52.1 0.0 102.8

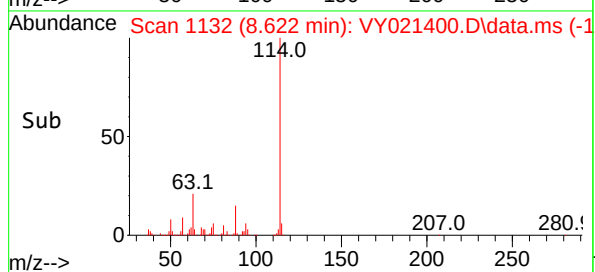
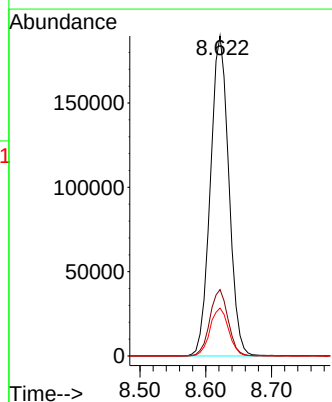
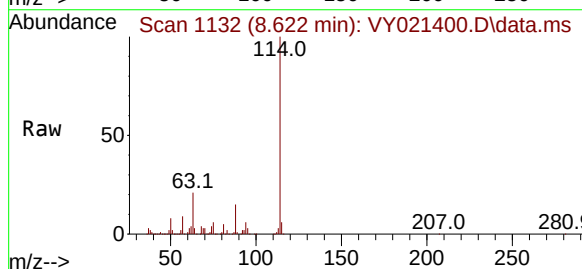
Manual Integrations
APPROVED

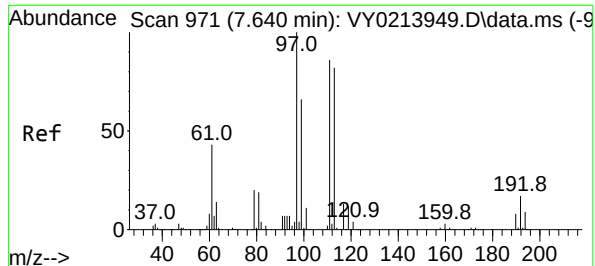
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

Tgt Ion:114 Resp: 369748
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 14.9 0.0 30.8





#35

Dibromofluoromethane

Concen: 100.930 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.000 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion:113 Resp: 245300

Ion Ratio Lower Upper

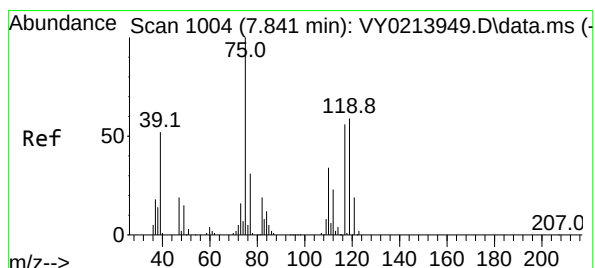
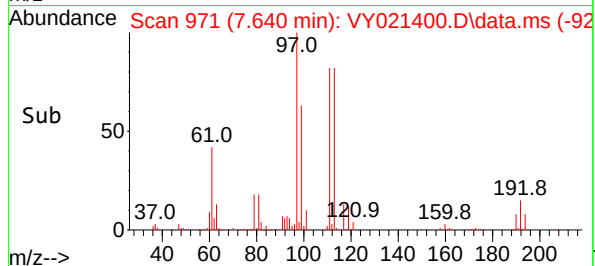
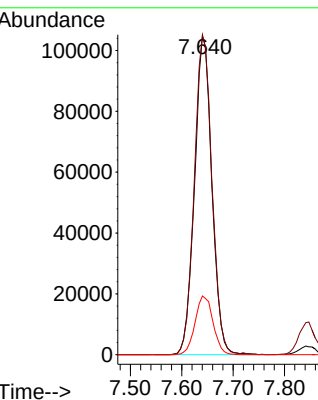
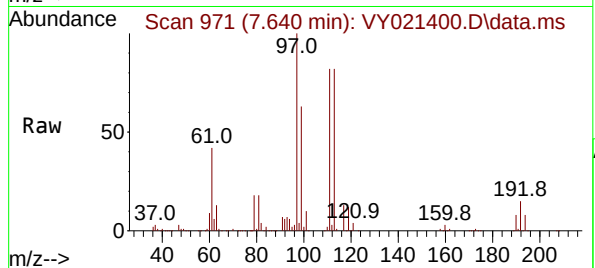
113 100

111 102.5 82.0 123.0

192 19.1 15.9 23.9

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#36

1,1-Dichloropropene

Concen: 102.089 ug/l

RT: 7.841 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

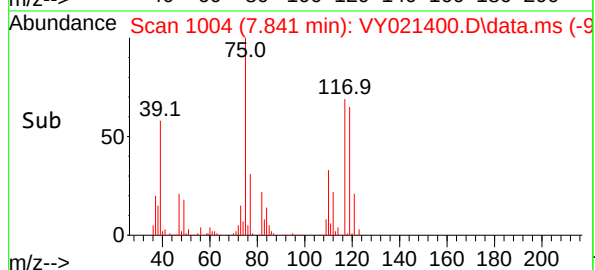
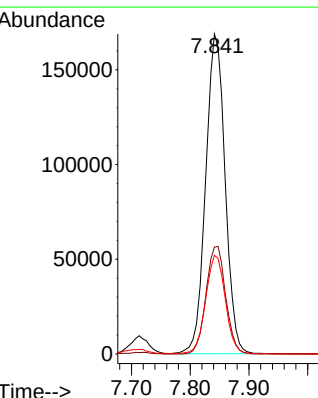
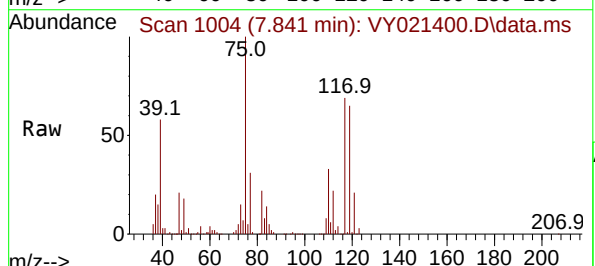
Tgt Ion: 75 Resp: 388384

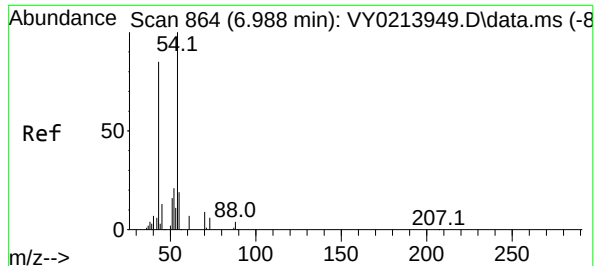
Ion Ratio Lower Upper

75 100

110 34.0 17.3 51.7

77 31.2 25.4 38.2





#37

Ethyl Acetate

Concen: 94.621 ug/l

RT: 6.994 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 162380

Ion Ratio Lower Upper

43 100

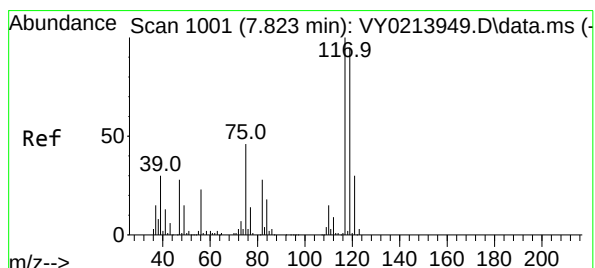
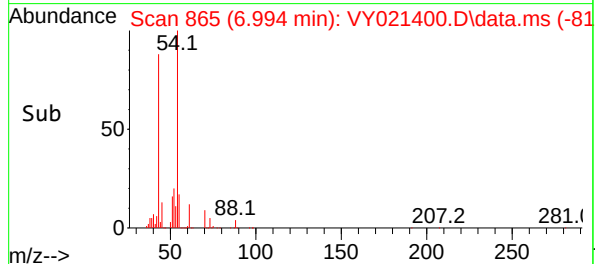
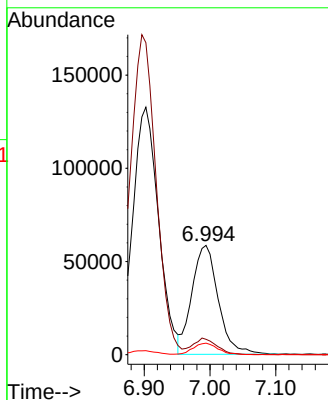
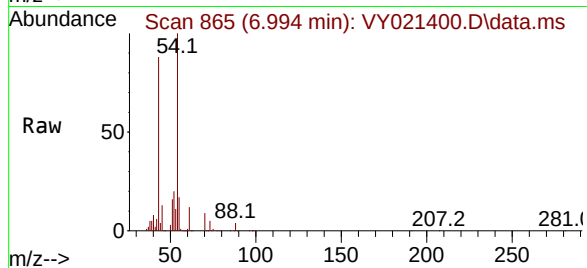
61 13.2 11.4 17.0

70 10.0 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#38

Carbon Tetrachloride

Concen: 100.510 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

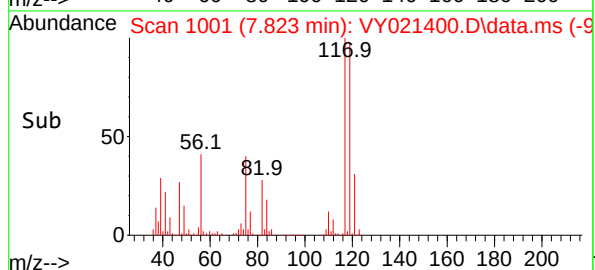
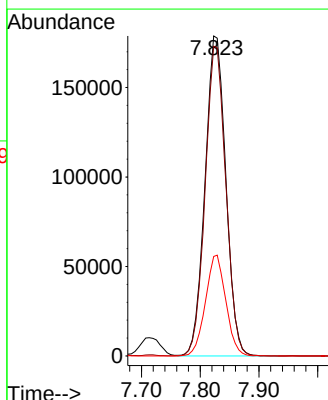
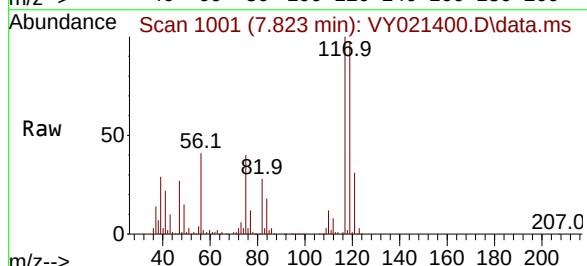
Tgt Ion:117 Resp: 439762

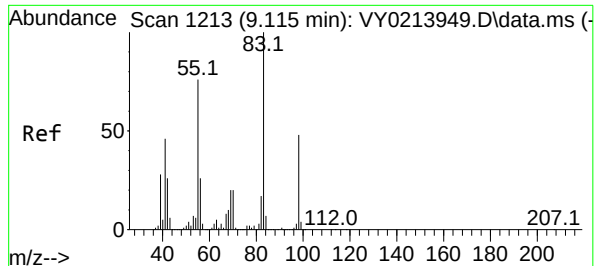
Ion Ratio Lower Upper

117 100

119 96.8 75.8 113.8

121 31.1 23.9 35.9





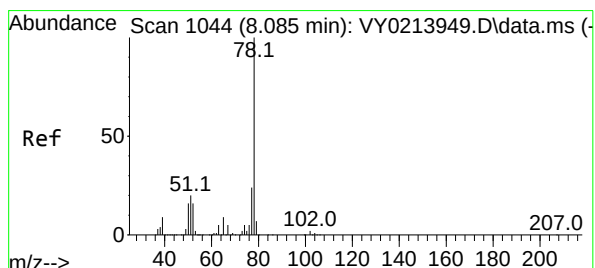
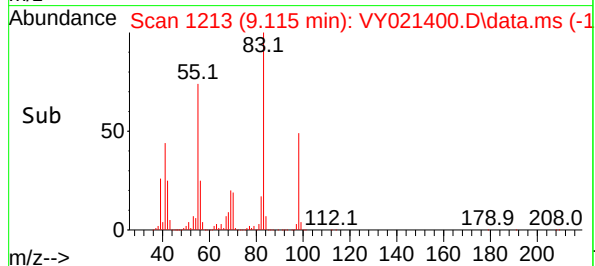
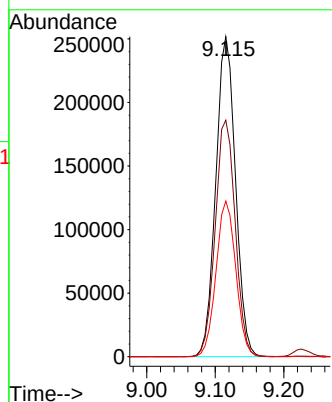
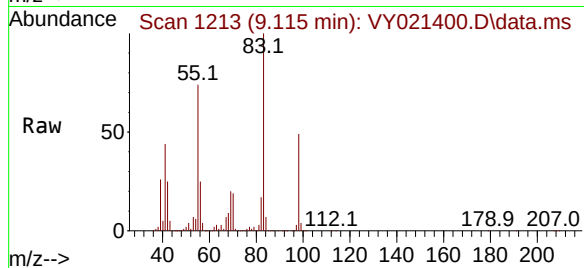
#39
Methylcyclohexane
Concen: 107.827 ug/l
RT: 9.115 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 503172
Ion Ratio Lower Upper
83 100
55 73.9 60.7 91.1
98 48.6 38.6 57.8

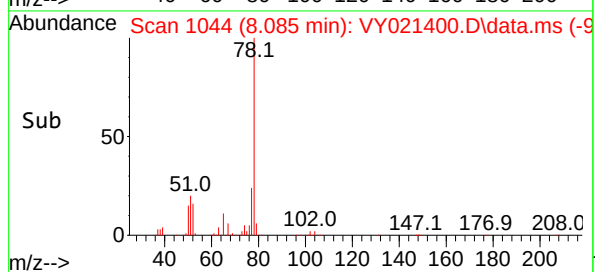
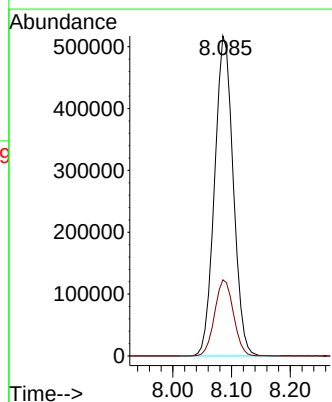
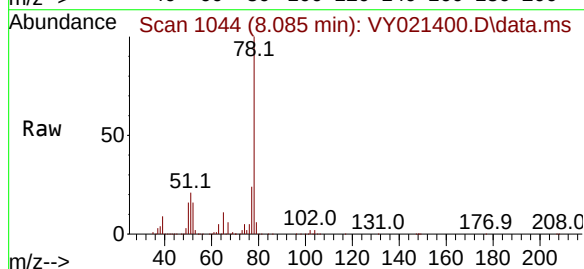
Manual Integrations
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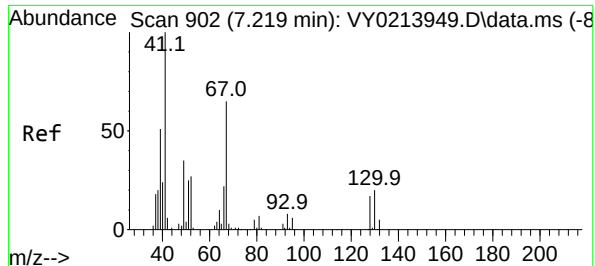
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#40
Benzene
Concen: 101.621 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

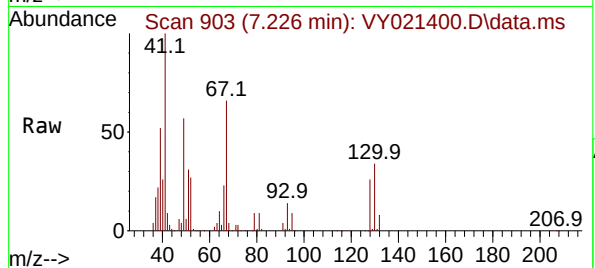
Tgt Ion: 78 Resp: 1138841
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4





#41
Methacrylonitrile
Concen: 102.238 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

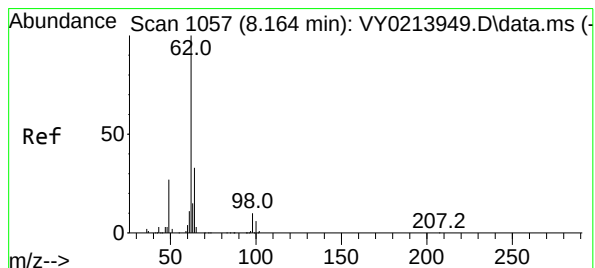
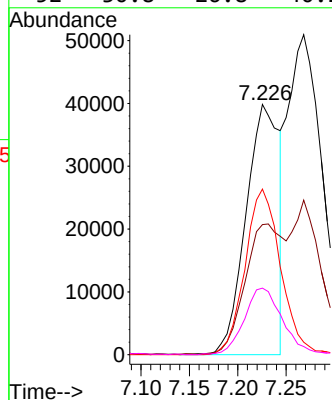
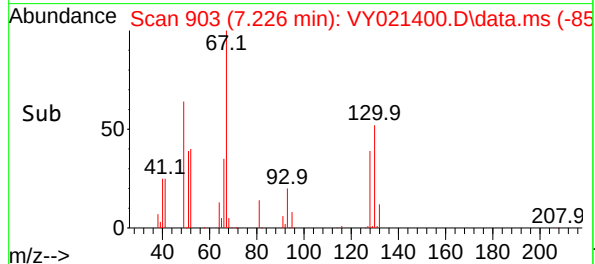
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 41 Resp: 95564
Ion Ratio Lower Upper
41 100
39 61.0 35.0 52.6
67 71.2 61.2 91.8
52 30.8 26.8 40.2

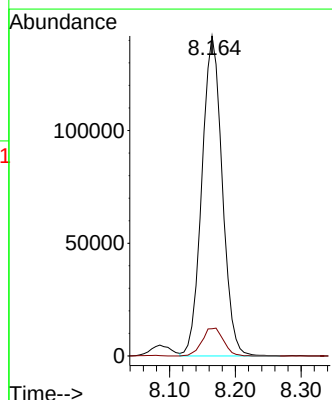
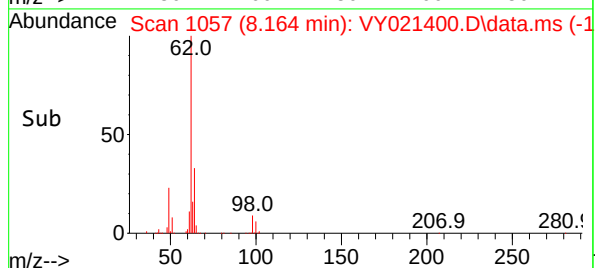
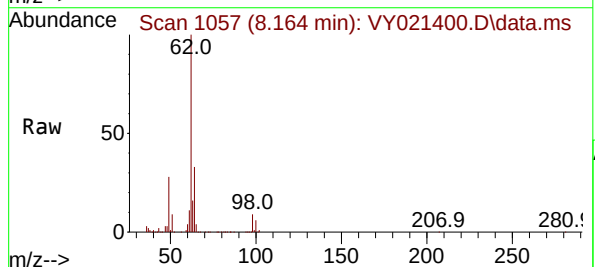
Manual Integrations
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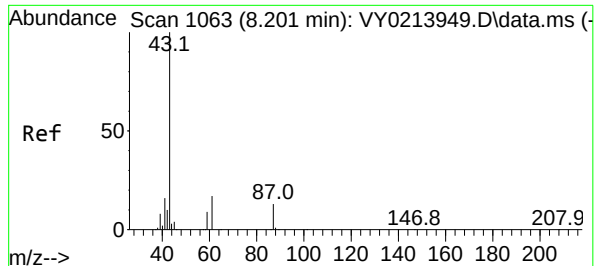
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#42
1,2-Dichloroethane
Concen: 97.534 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

Tgt Ion: 62 Resp: 305782
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.2





#43

Isopropyl Acetate

Concen: 100.231 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.000 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 43 Resp: 32717

Ion Ratio Lower Upper

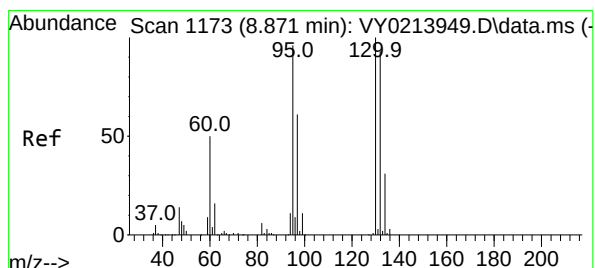
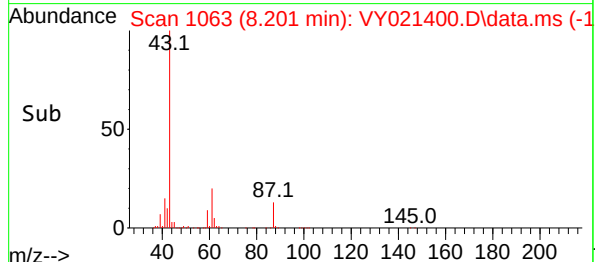
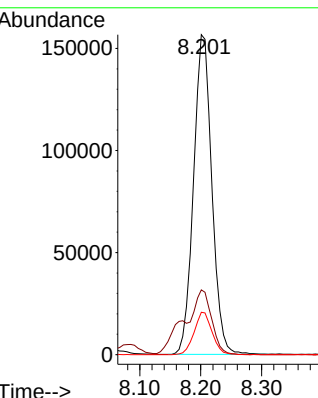
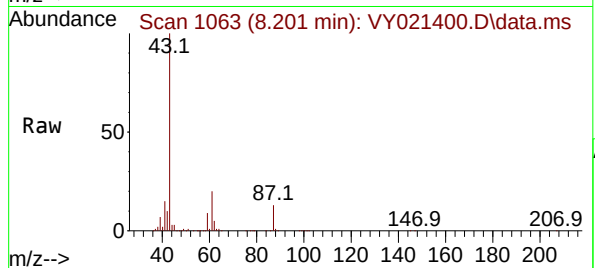
43 100

61 30.1 23.4 35.0

87 13.0 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#44

Trichloroethene

Concen: 100.395 ug/l

RT: 8.872 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VY021400.D

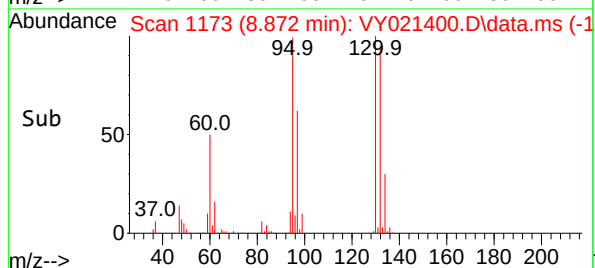
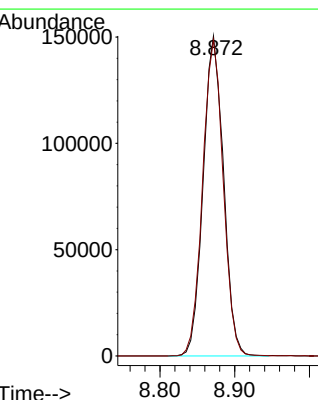
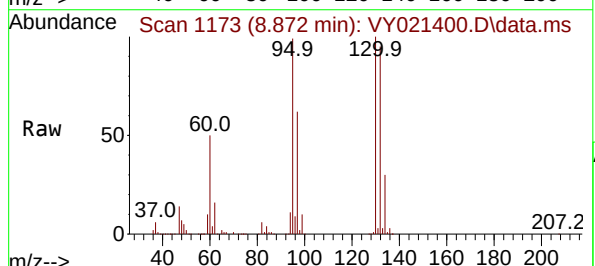
Acq: 04 Mar 2025 11:06

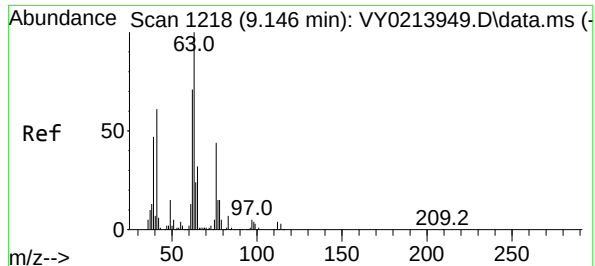
Tgt Ion:130 Resp: 284312

Ion Ratio Lower Upper

130 100

95 98.9 0.0 191.6





#45

1,2-Dichloropropane

Concen: 99.238 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 264690

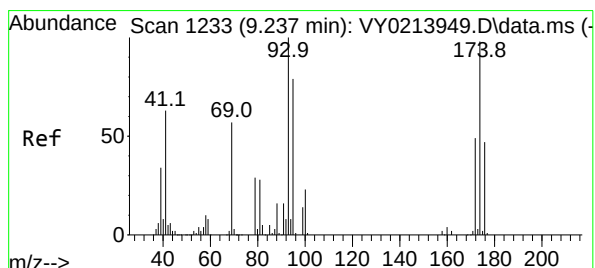
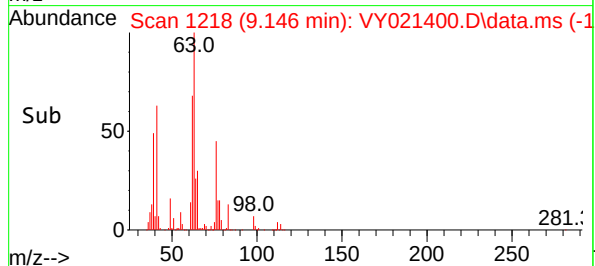
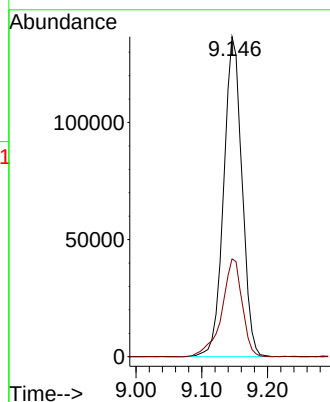
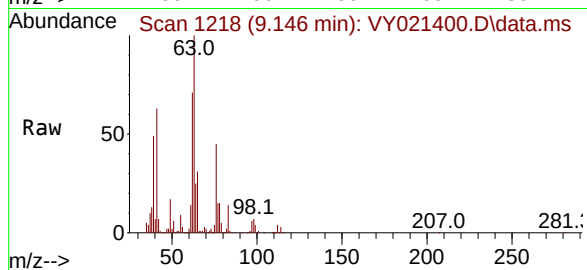
Ion Ratio Lower Upper

63 100

65 30.6 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#46

Dibromomethane

Concen: 98.859 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.000 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

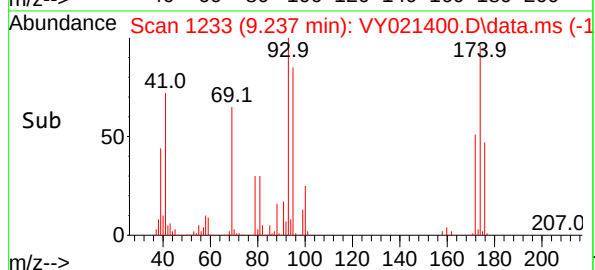
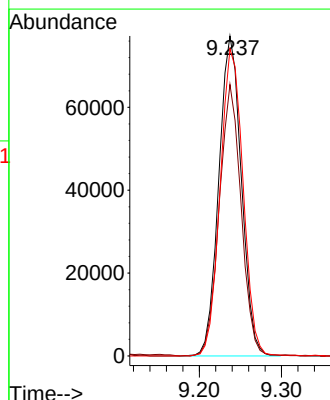
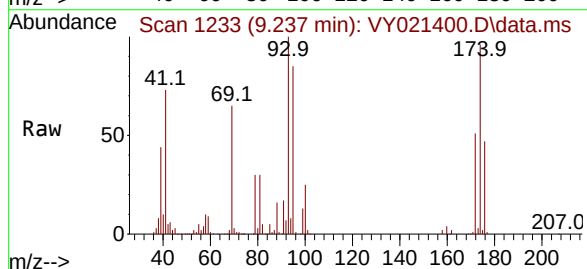
Tgt Ion: 93 Resp: 146713

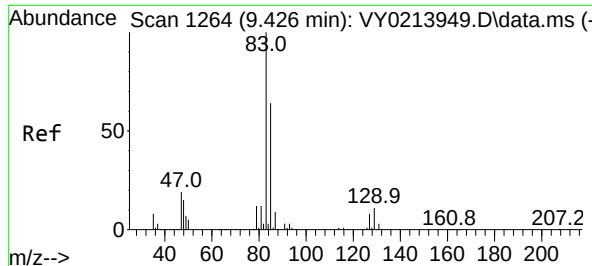
Ion Ratio Lower Upper

93 100

95 82.4 65.8 98.8

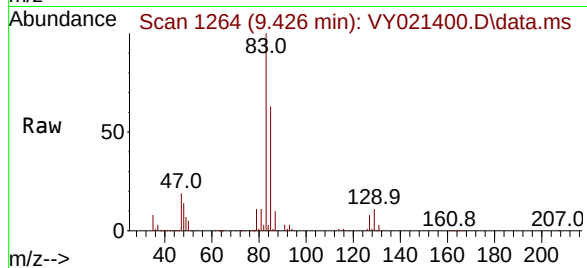
174 97.6 77.9 116.9





#47
Bromodichloromethane
Concen: 100.395 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

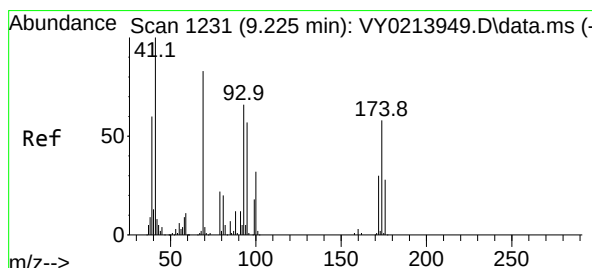
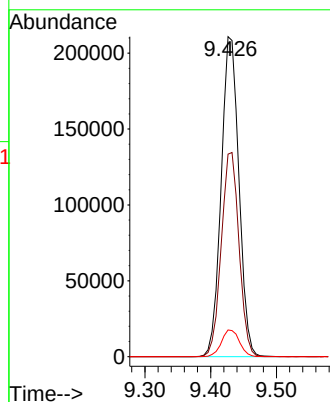
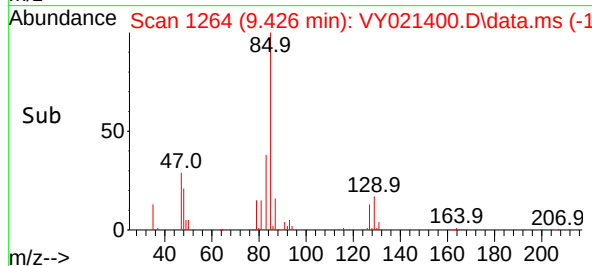
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 83 Resp: 395670
Ion Ratio Lower Upper
83 100
85 63.3 51.1 76.7
127 8.4 6.7 10.1

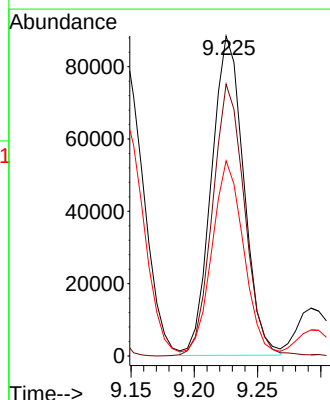
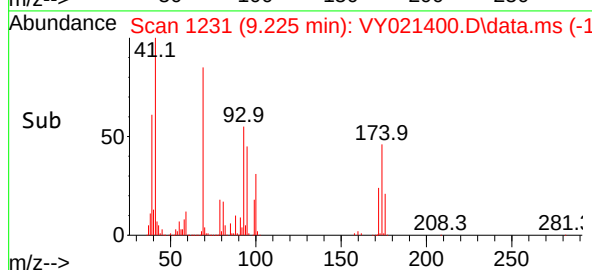
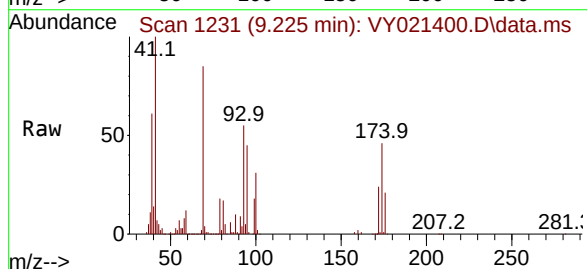
Manual Integrations
APPROVED

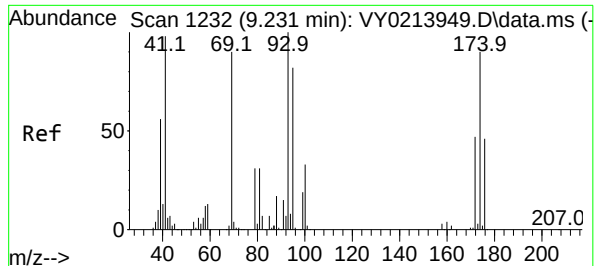
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#48
Methyl methacrylate
Concen: 103.582 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

Tgt Ion: 41 Resp: 156771
Ion Ratio Lower Upper
41 100
69 84.9 67.8 101.8
39 57.7 46.4 69.6





#49

1,4-Dioxane

Concen: 2052.779 ug/l

RT: 9.237 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 88 Resp: 2990

Ion Ratio Lower Upper

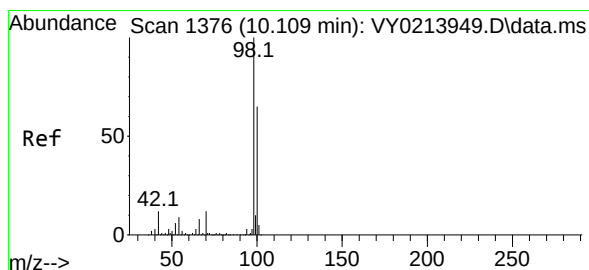
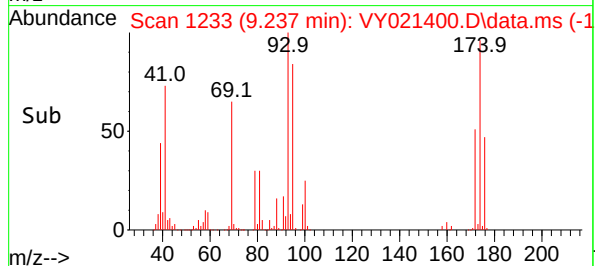
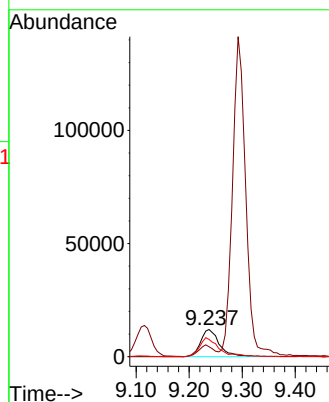
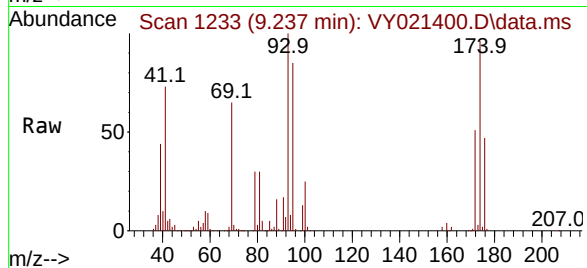
88 100

43 34.6 25.0 37.4

58 71.6 58.4 87.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#50

Toluene-d8

Concen: 103.596 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY021400.D

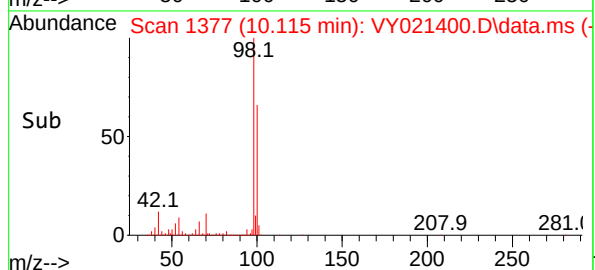
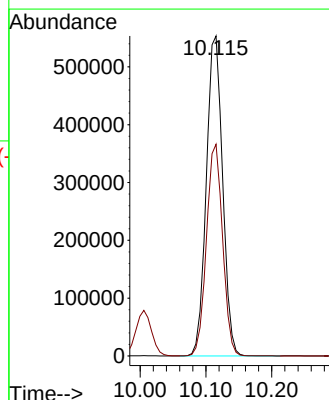
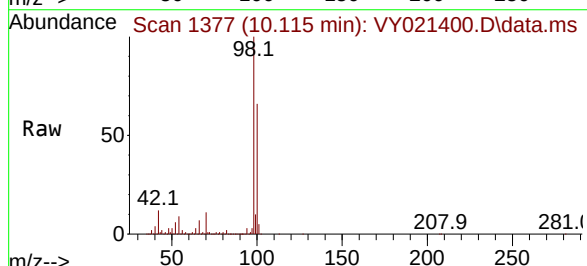
Acq: 04 Mar 2025 11:06

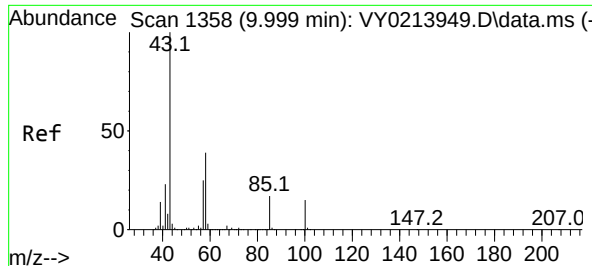
Tgt Ion: 98 Resp: 953319

Ion Ratio Lower Upper

98 100

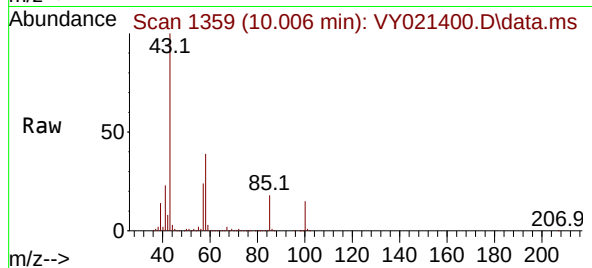
100 65.7 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 504.998 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

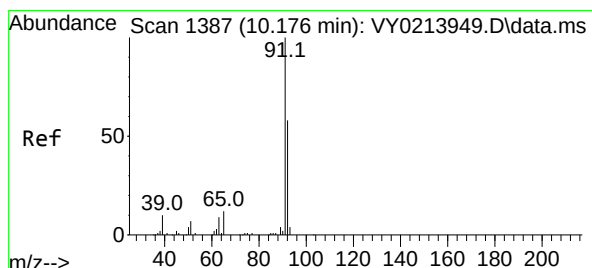
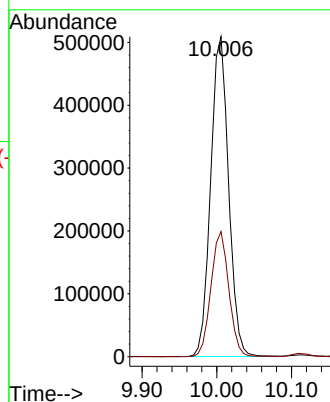
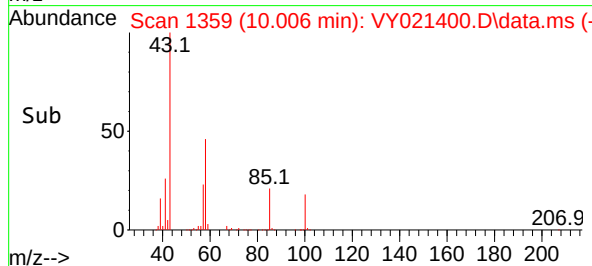
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 850519
Ion Ratio Lower Upper
43 100
58 39.1 31.4 47.2

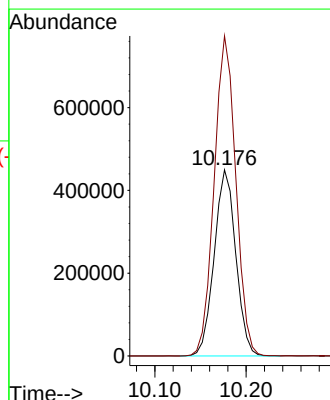
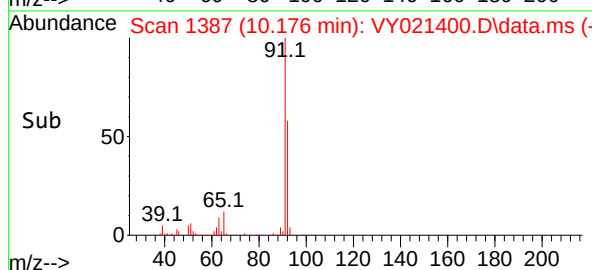
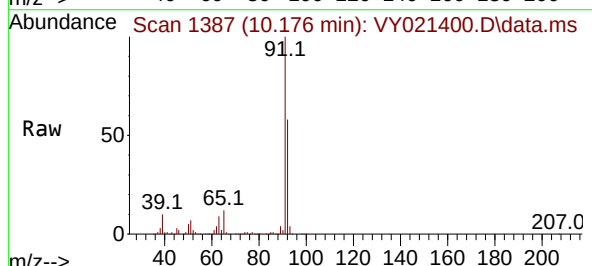
Manual Integrations
APPROVED

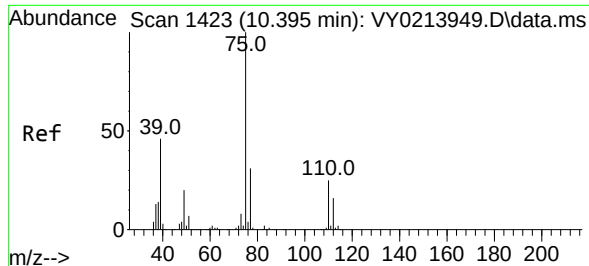
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#52
Toluene
Concen: 104.377 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

Tgt Ion: 92 Resp: 737467
Ion Ratio Lower Upper
92 100
91 172.8 138.2 207.2





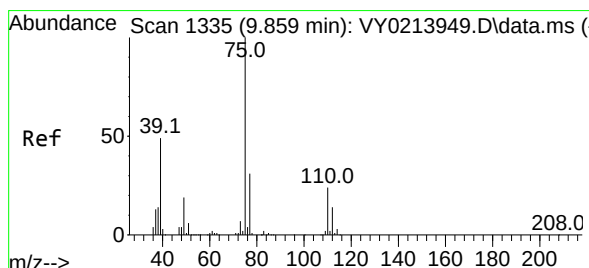
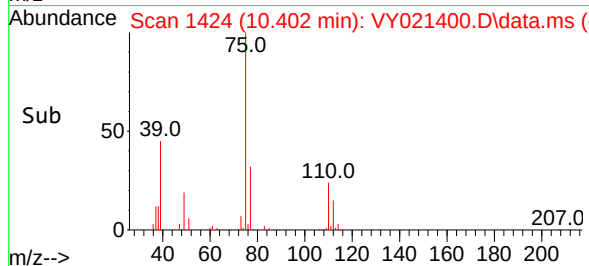
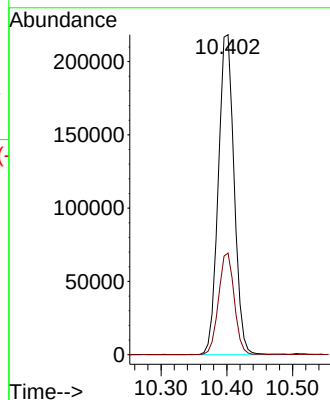
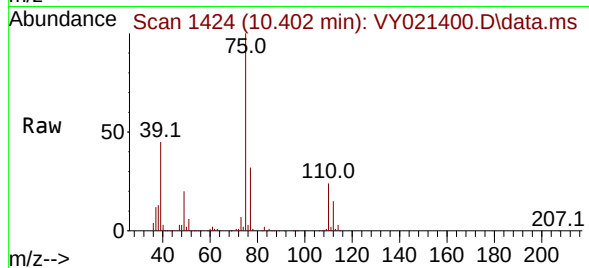
#53
t-1,3-Dichloropropene
Concen: 105.356 ug/l
RT: 10.402 min Scan# 1424
Delta R.T. 0.006 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 365825
Ion Ratio Lower Upper
75 100
77 31.7 25.0 37.6

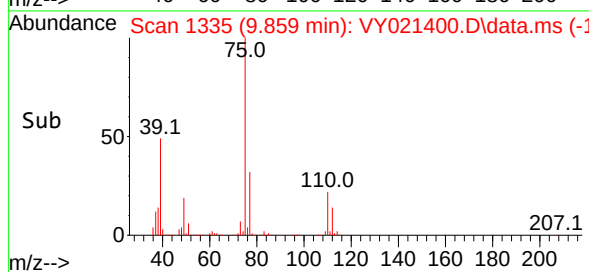
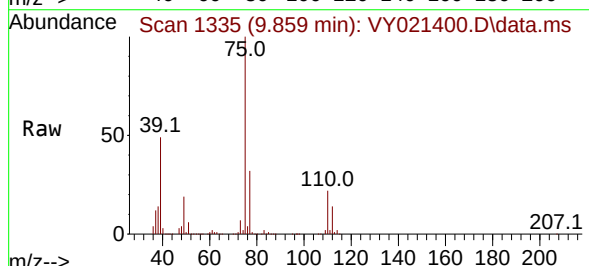
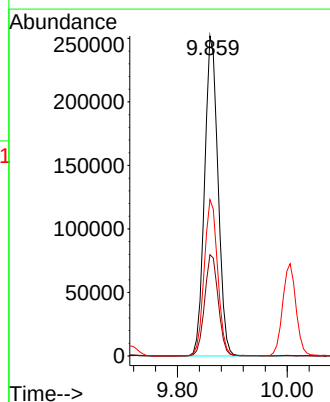
Manual Integrations
APPROVED

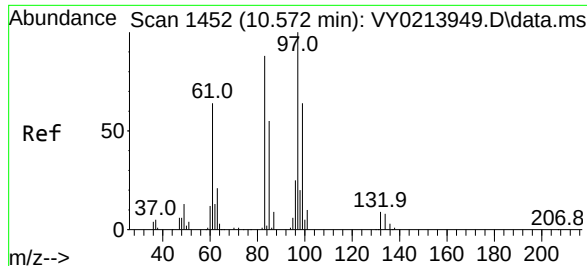
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#54
cis-1,3-Dichloropropene
Concen: 103.894 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

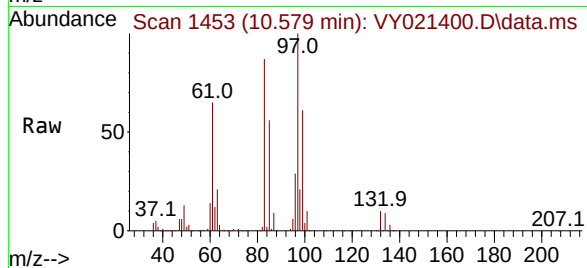
Tgt Ion: 75 Resp: 428305
Ion Ratio Lower Upper
75 100
77 31.6 24.6 37.0
39 48.8 39.4 59.2





#55
1,1,2-Trichloroethane
Concen: 98.848 ug/l
RT: 10.579 min Scan# 1452
Delta R.T. 0.006 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

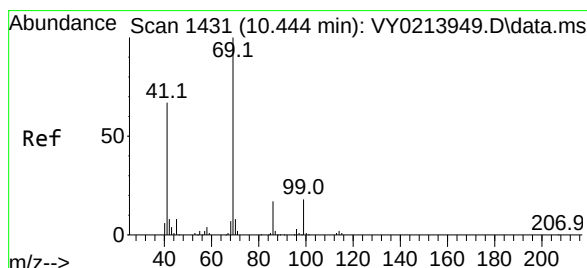
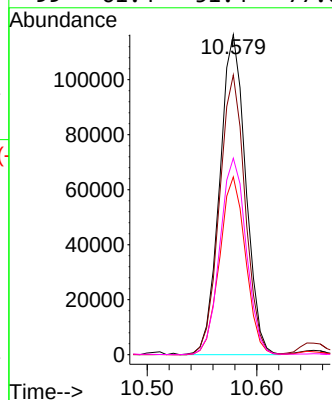
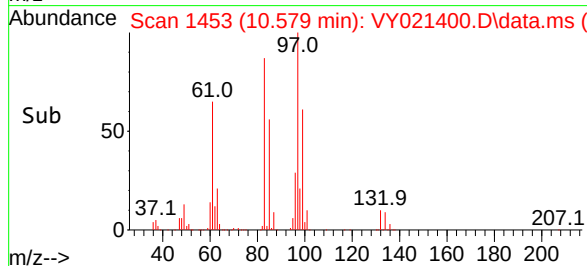
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 97 Resp: 191894
Ion Ratio Lower Upper
97 100
83 87.4 70.0 105.0
85 55.5 44.3 66.5
99 61.4 51.4 77.0

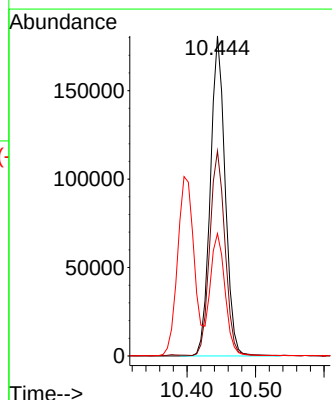
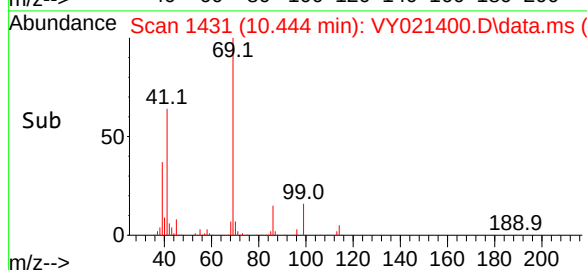
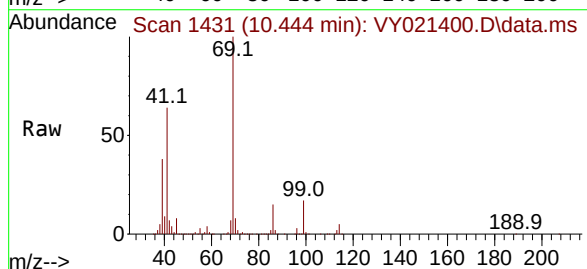
Manual Integrations
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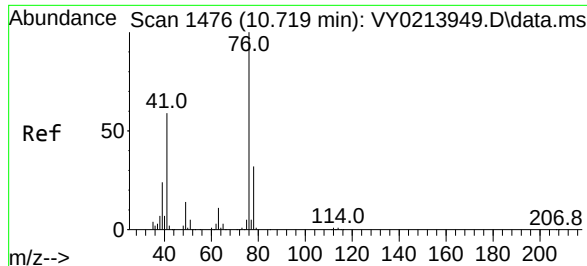
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#56
Ethyl methacrylate
Concen: 109.699 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

Tgt Ion: 69 Resp: 271599
Ion Ratio Lower Upper
69 100
41 65.3 53.3 79.9
39 36.8 31.0 46.6





#57

1,3-Dichloropropane

Concen: 99.311 ug/l

RT: 10.725 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 334140

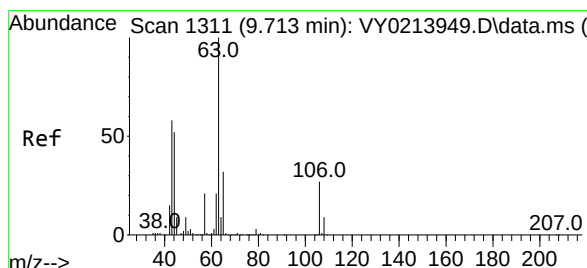
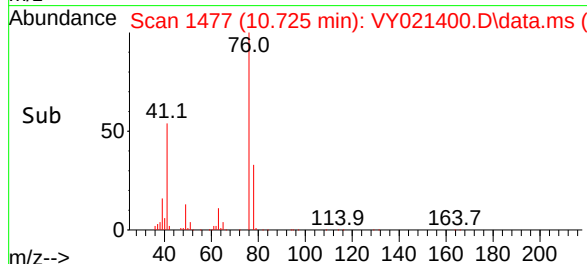
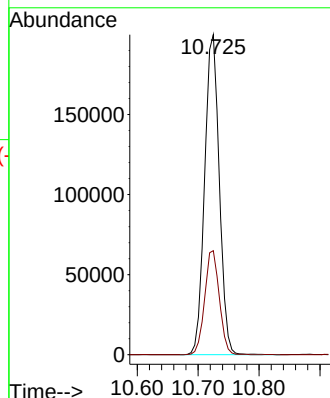
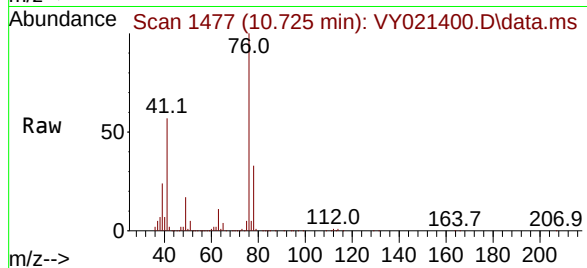
Ion Ratio Lower Upper

76 100

78 32.5 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#58

2-Chloroethyl Vinyl ether

Concen: 525.670 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021400.D

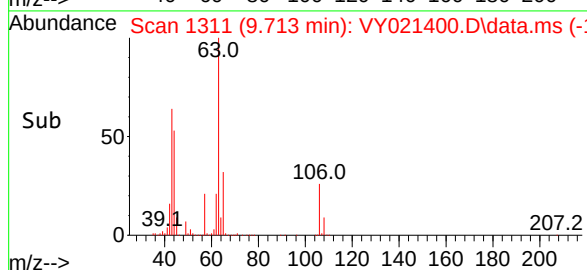
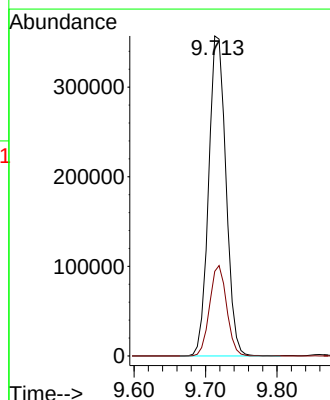
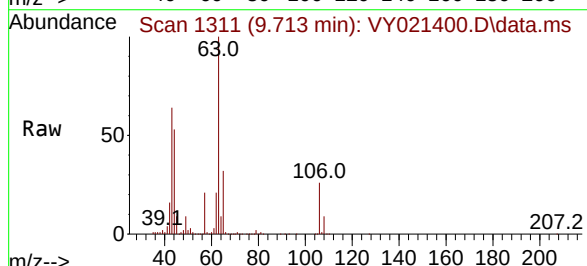
Acq: 04 Mar 2025 11:06

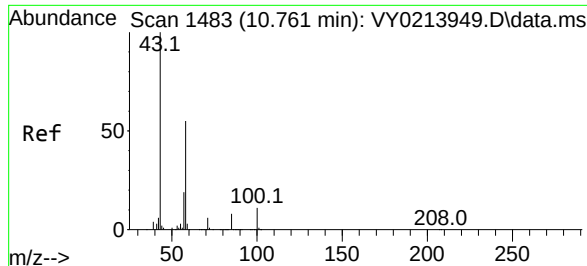
Tgt Ion: 63 Resp: 600796

Ion Ratio Lower Upper

63 100

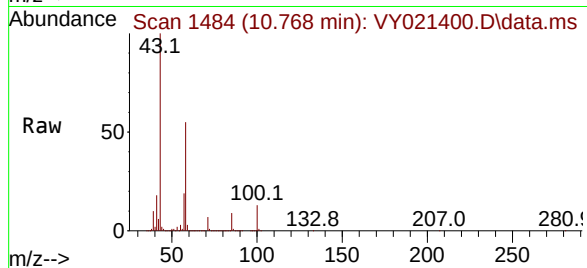
106 27.8 22.1 33.1





#59
2-Hexanone
Concen: 516.516 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.006 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

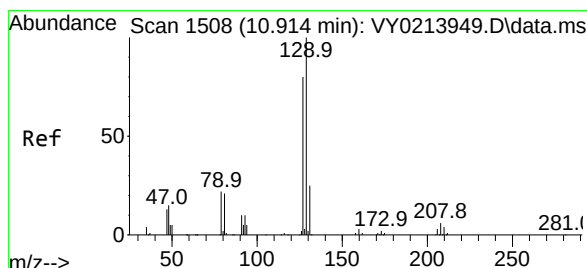
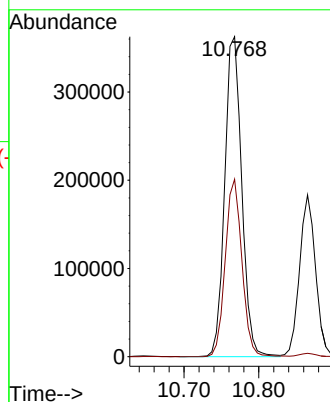
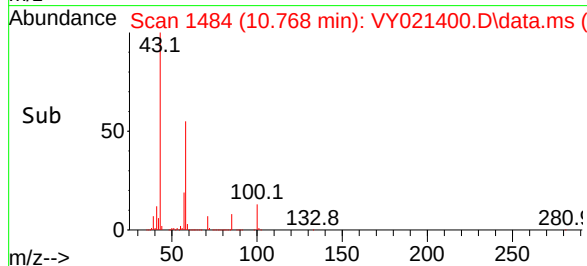
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 57521
Ion Ratio Lower Upper
43 100
58 54.3 27.3 81.8

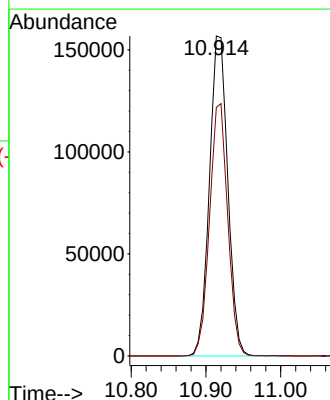
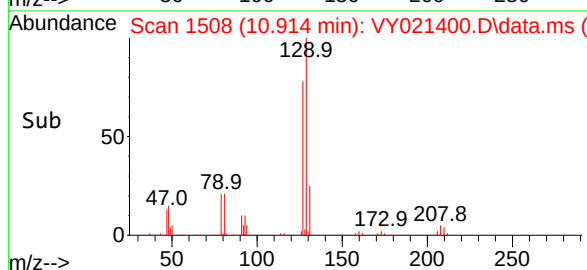
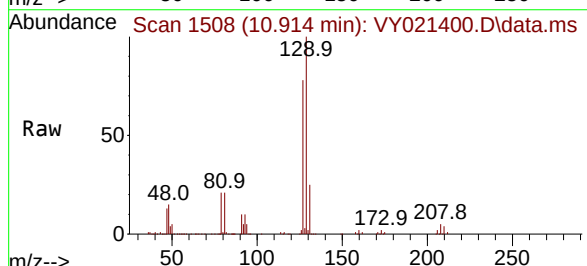
Manual Integrations
APPROVED

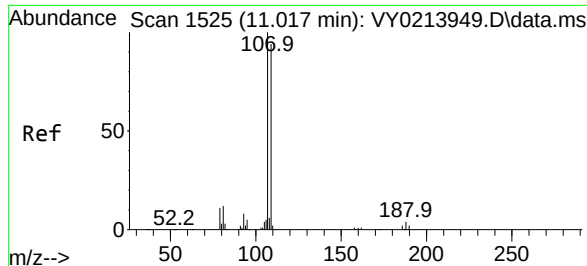
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#60
Dibromochloromethane
Concen: 100.834 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

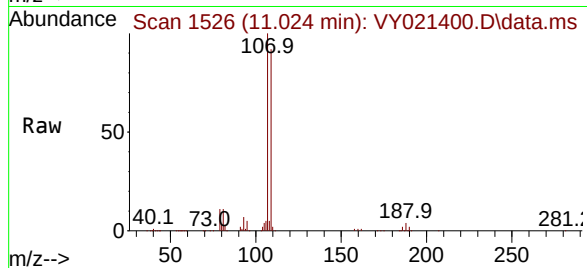
Tgt Ion:129 Resp: 268359
Ion Ratio Lower Upper
129 100
127 77.9 39.1 117.3





#61
1,2-Dibromoethane
Concen: 99.993 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.006 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

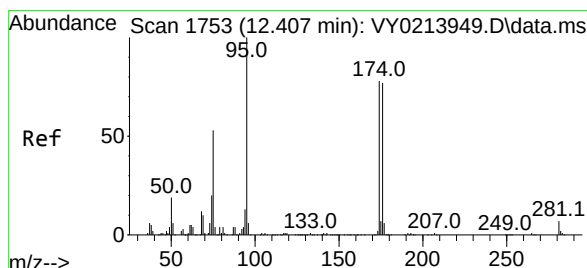
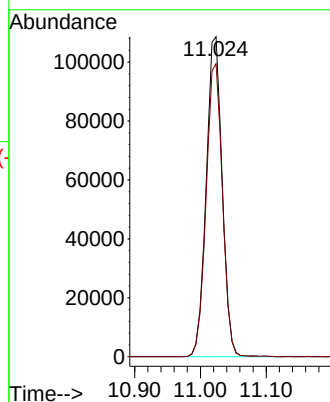
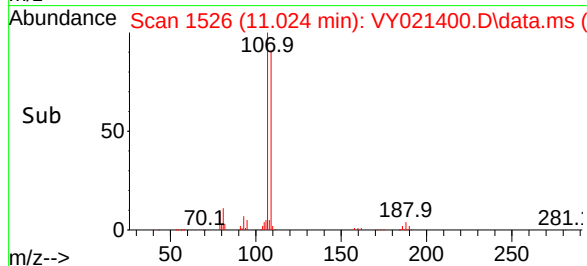
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion:107 Resp: 183200
Ion Ratio Lower Upper
107 100
109 93.4 75.8 113.8

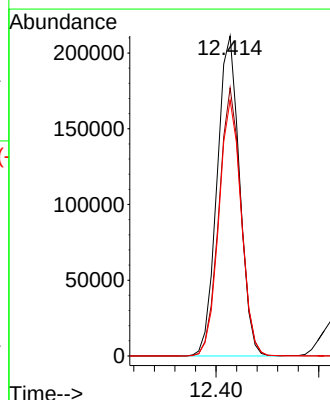
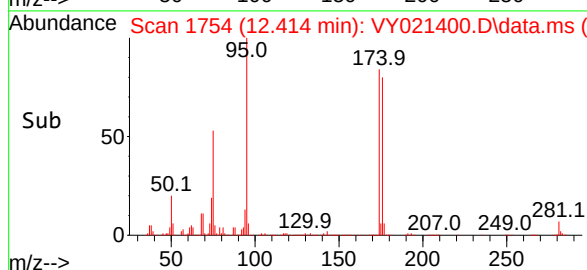
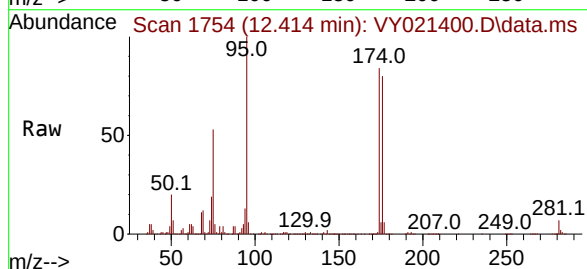
Manual Integrations
APPROVED

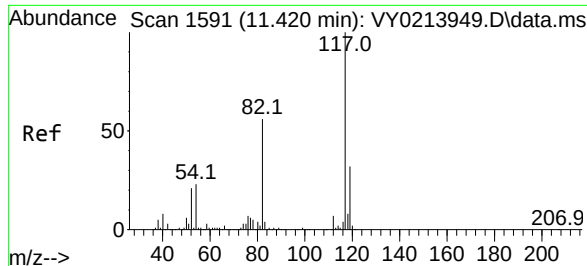
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#62
4-Bromofluorobenzene
Concen: 102.231 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

Tgt Ion: 95 Resp: 320008
Ion Ratio Lower Upper
95 100
174 82.5 0.0 165.0
176 79.5 0.0 160.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion:117 Resp: 32590

Ion Ratio Lower Upper

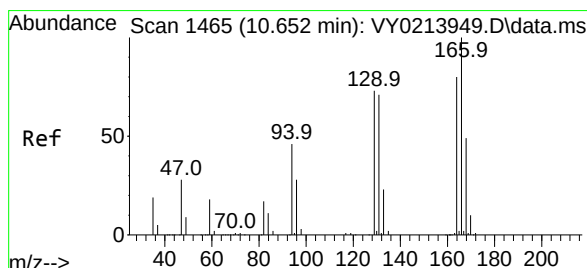
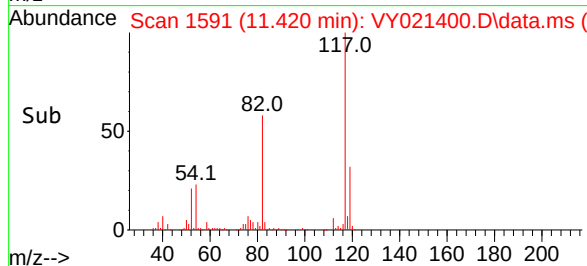
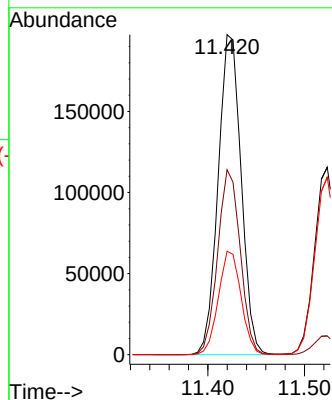
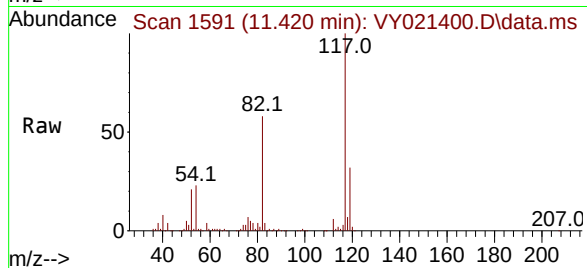
117 100

82 57.8 44.6 67.0

119 32.4 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#64

Tetrachloroethene

Concen: 100.033 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

Tgt Ion:164 Resp: 265100

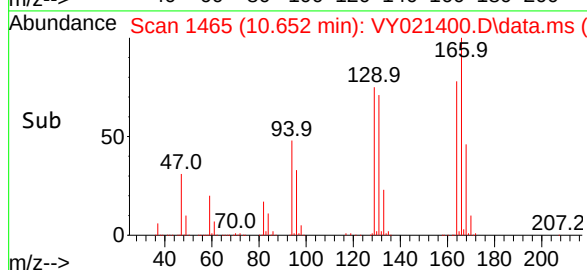
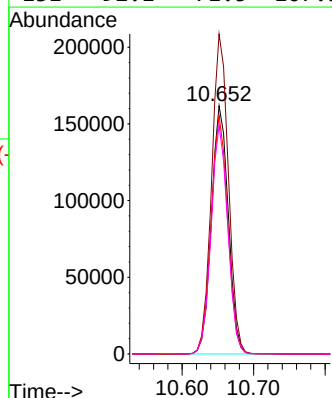
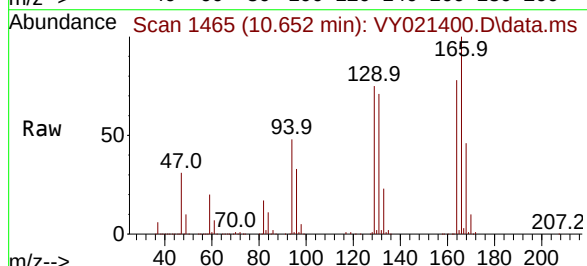
Ion Ratio Lower Upper

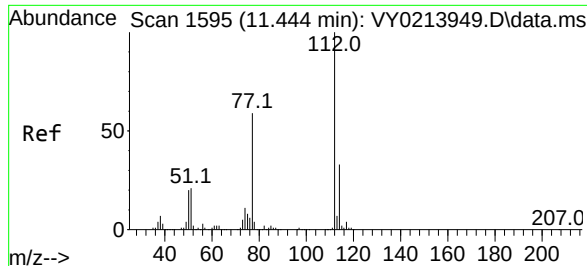
164 100

166 128.9 100.4 150.6

129 96.0 73.8 110.8

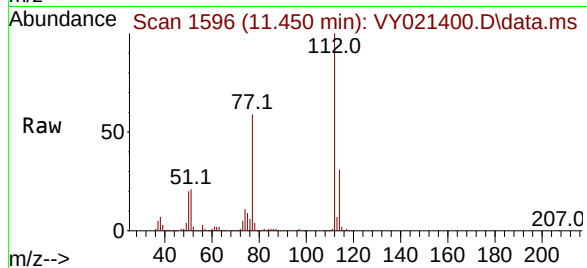
131 92.1 71.5 107.3





#65
Chlorobenzene
Concen: 100.956 ug/l
RT: 11.450 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

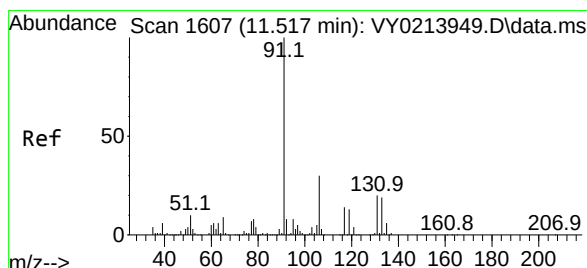
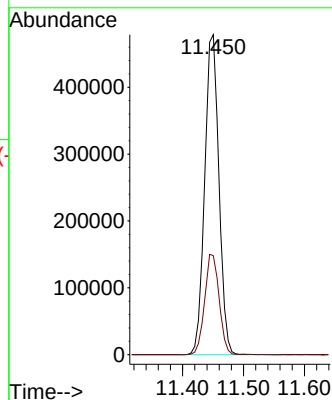
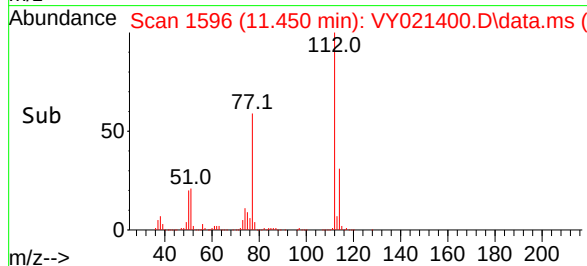
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion:112 Resp: 776963
Ion Ratio Lower Upper
112 100
114 31.0 26.1 39.1

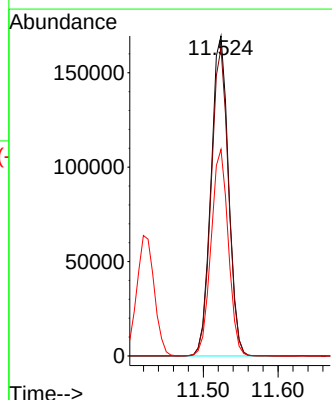
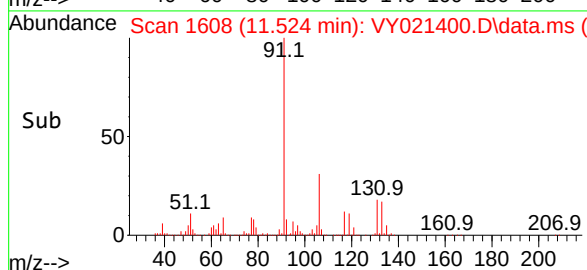
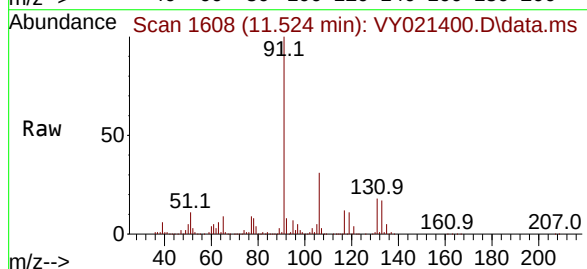
Manual Integrations
APPROVED

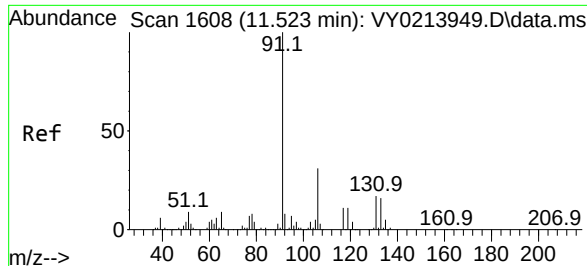
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 101.302 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.006 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

Tgt Ion:131 Resp: 275635
Ion Ratio Lower Upper
131 100
133 95.2 47.6 142.9
119 63.7 32.3 96.9





#67

Ethyl Benzene

Concen: 106.585 ug/l

RT: 11.524 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 91 Resp: 1439764

Ion Ratio Lower Upper

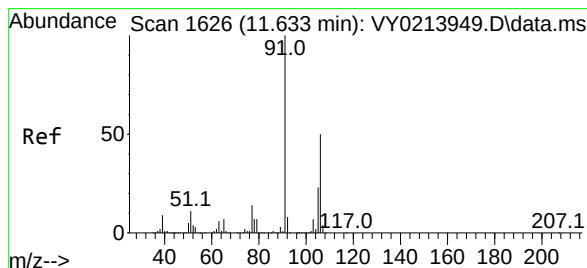
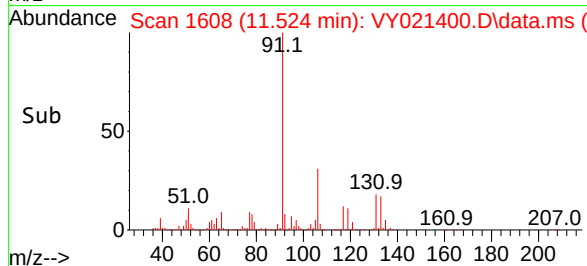
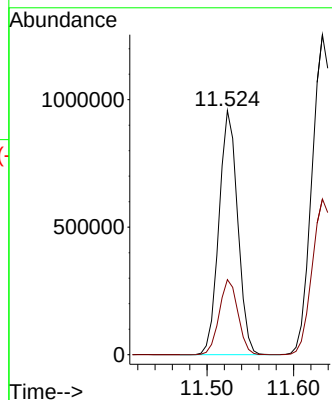
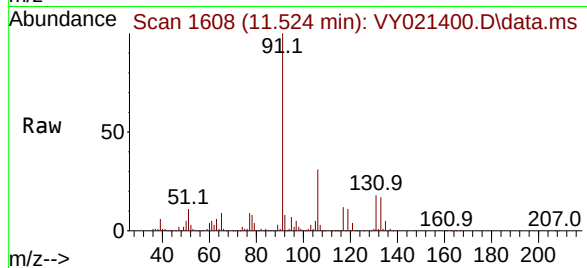
91 100

106 30.7 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#68

m/p-Xylenes

Concen: 211.694 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY021400.D

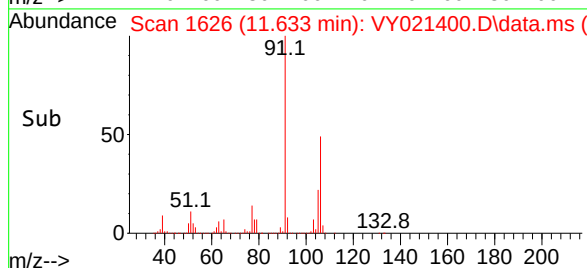
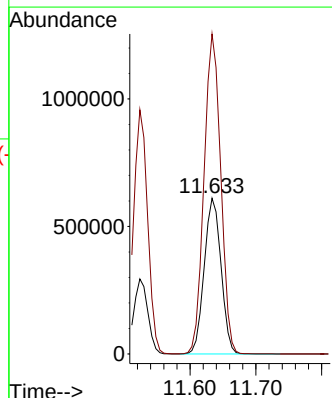
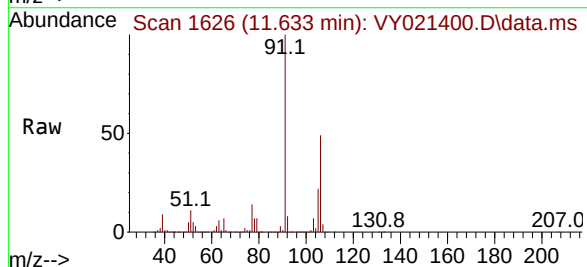
Acq: 04 Mar 2025 11:06

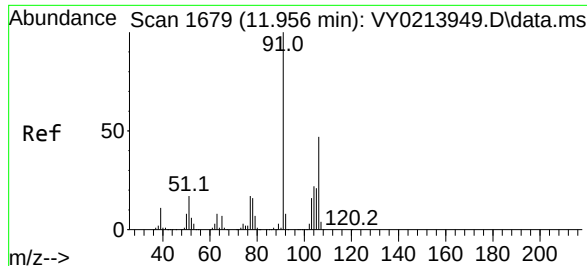
Tgt Ion:106 Resp: 1085642

Ion Ratio Lower Upper

106 100

91 204.3 161.7 242.5





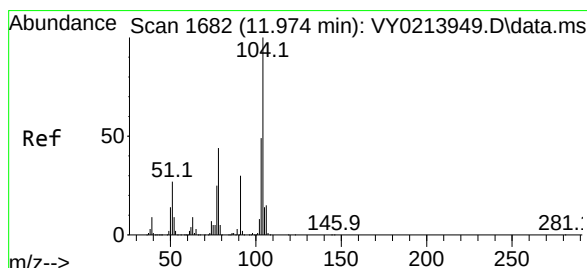
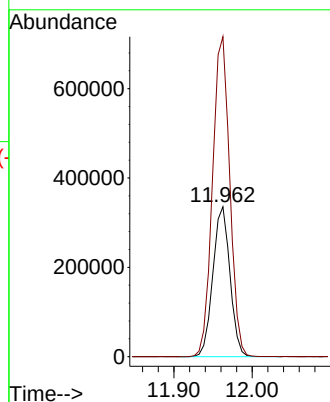
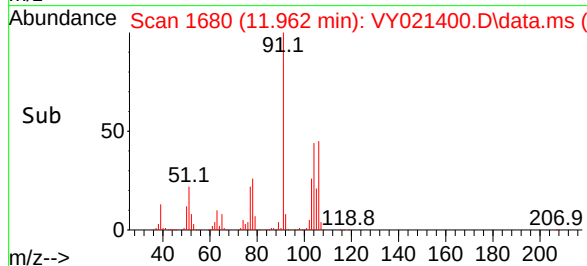
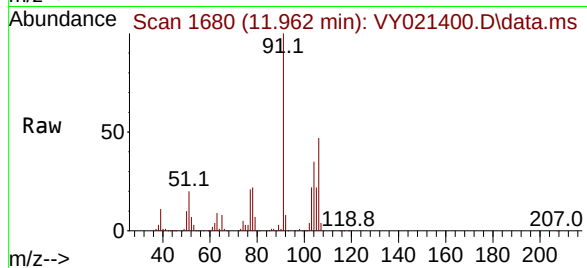
#69
o-Xylene
Concen: 107.399 ug/l
RT: 11.962 min Scan# 1680
Delta R.T. 0.006 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 507619
Ion Ratio Lower Upper
106 100
91 215.7 107.6 322.8

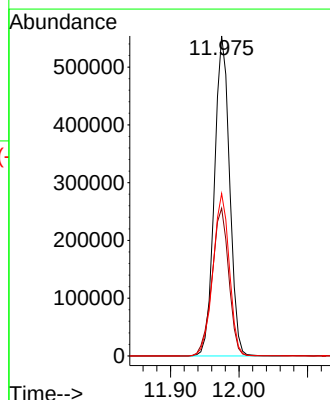
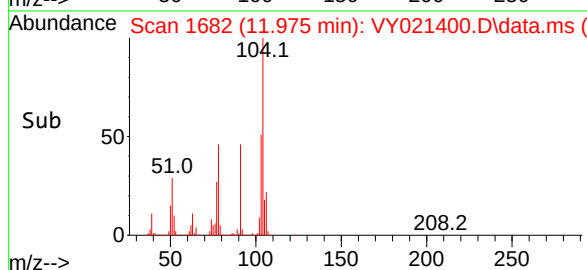
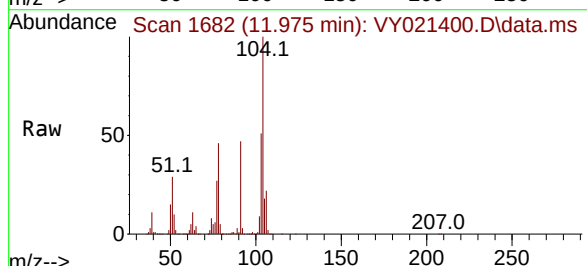
Manual Integrations
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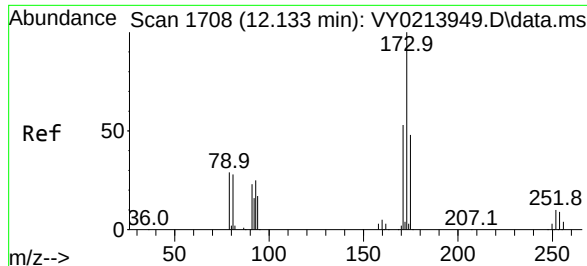
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#70
Styrene
Concen: 108.590 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

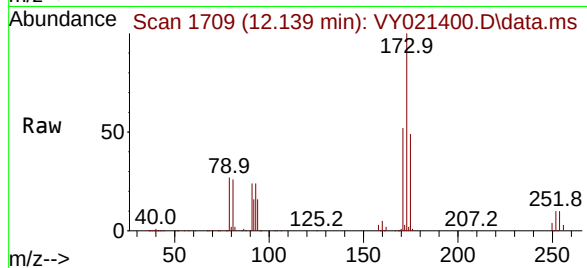
Tgt Ion:104 Resp: 851456
Ion Ratio Lower Upper
104 100
78 50.7 40.7 61.1
103 54.6 44.1 66.1





#71
Bromoform
Concen: 101.579 ug/l
RT: 12.139 min Scan# 1708
Delta R.T. 0.006 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

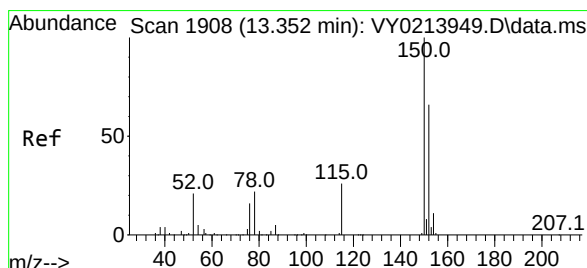
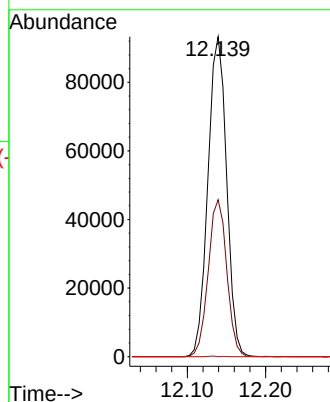
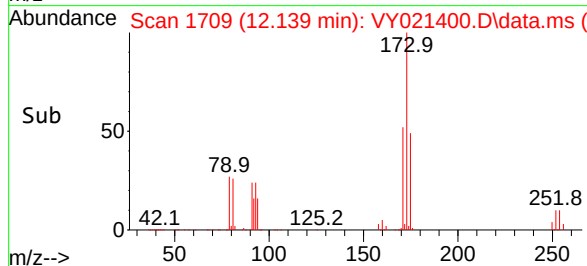
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion:173 Resp: 15450
Ion Ratio Lower Upper
173 100
175 48.6 23.9 71.7
254 0.1 0.1 0.1

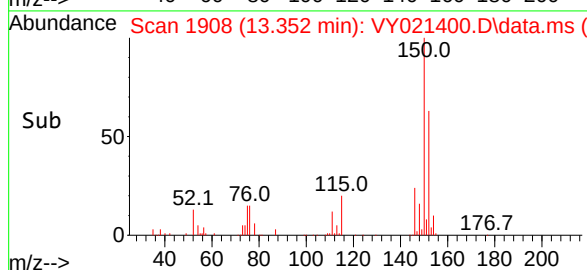
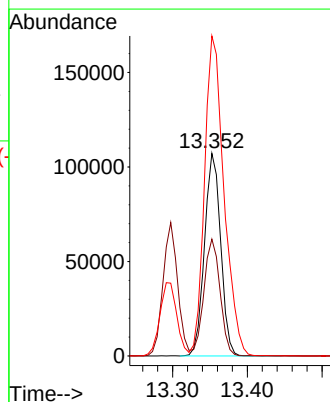
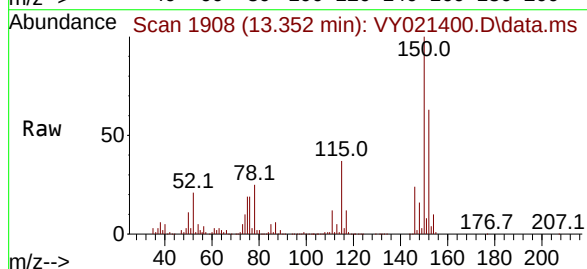
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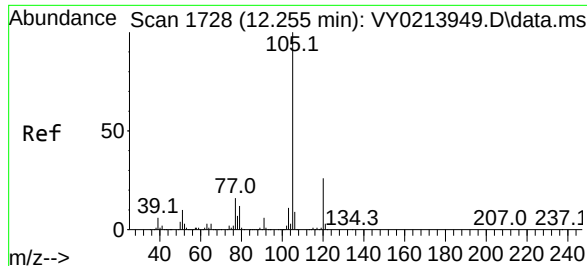
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

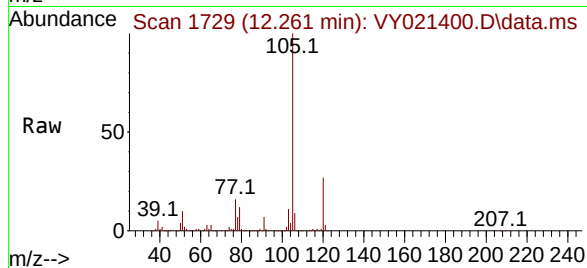
Tgt Ion:152 Resp: 161237
Ion Ratio Lower Upper
152 100
115 57.6 29.0 87.0
150 190.1 0.0 347.2





#73
Isopropylbenzene
Concen: 107.432 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. 0.006 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

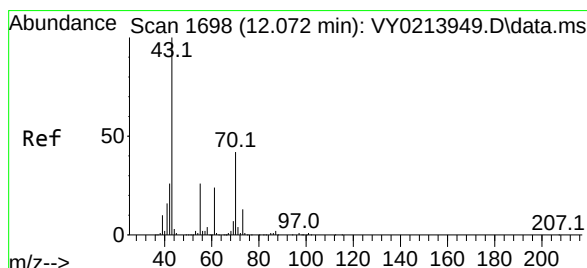
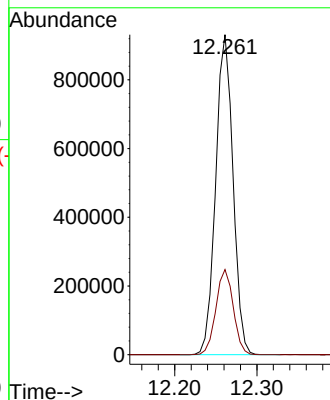
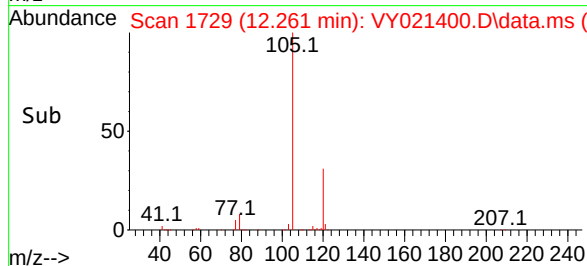
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion:105 Resp: 136449
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.3

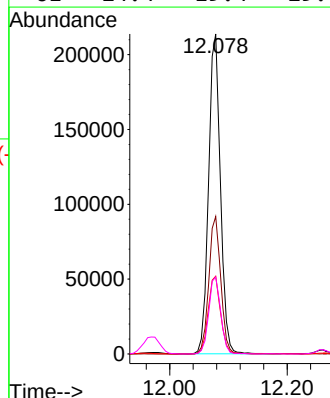
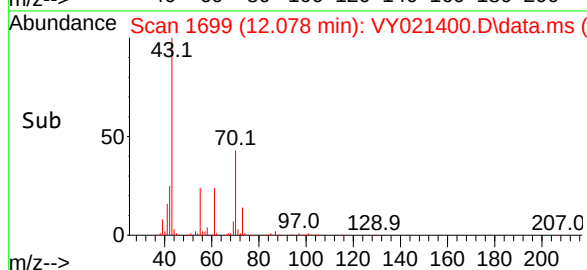
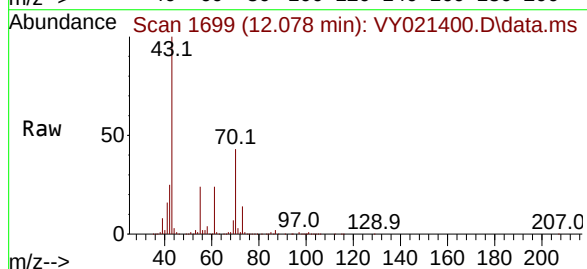
Manual Integrations
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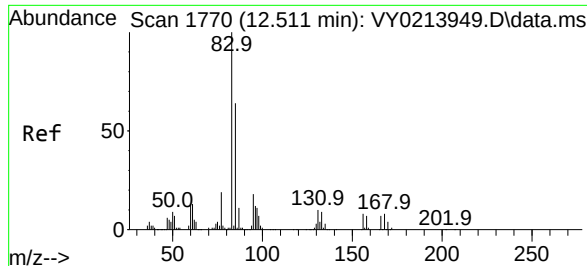
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#74
N-ethyl acetate
Concen: 108.151 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

Tgt Ion: 43 Resp: 298318
Ion Ratio Lower Upper
43 100
70 43.4 34.6 51.8
55 25.5 21.1 31.7
61 24.4 19.4 29.0





#75

1,1,2,2-Tetrachloroethane

Concen: 96.028 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 83 Resp: 215229

Ion Ratio Lower Upper

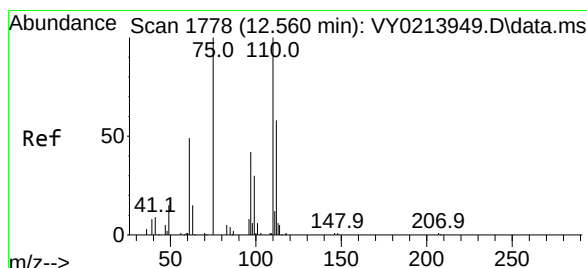
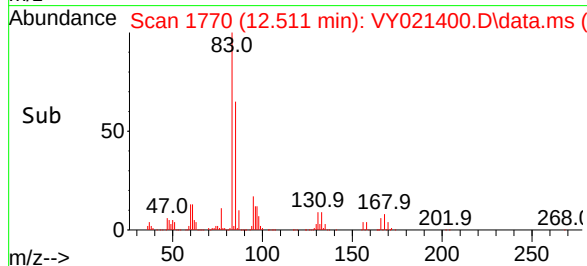
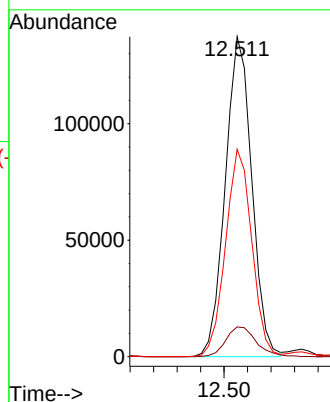
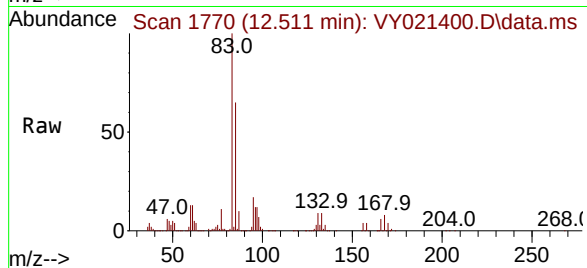
83 100

131 10.7 5.3 16.1

85 64.2 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#76

1,2,3-Trichloropropane

Concen: 96.949 ug/l m

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY021400.D

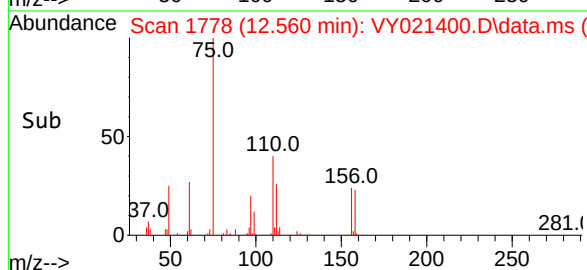
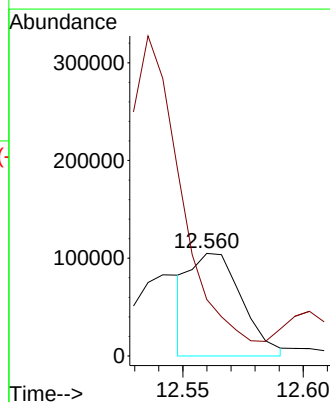
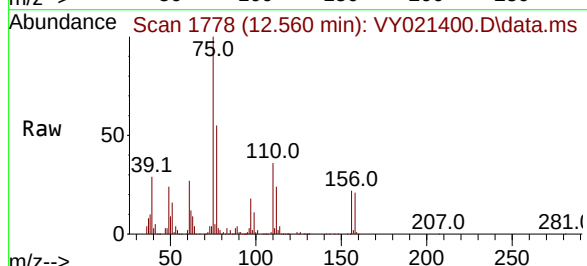
Acq: 04 Mar 2025 11:06

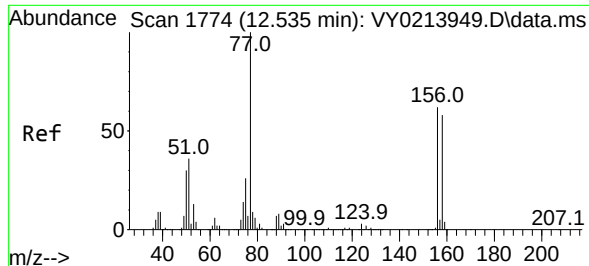
Tgt Ion: 75 Resp: 157519

Ion Ratio Lower Upper

75 100

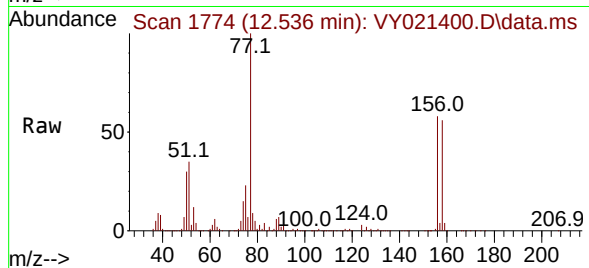
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 101.611 ug/l
RT: 12.536 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

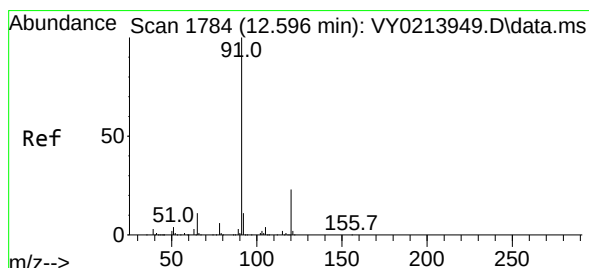
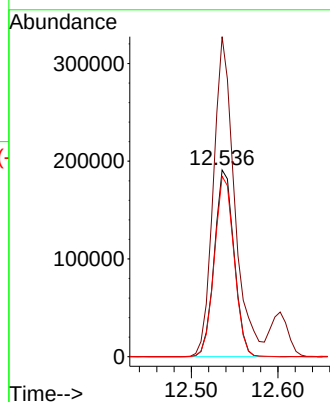
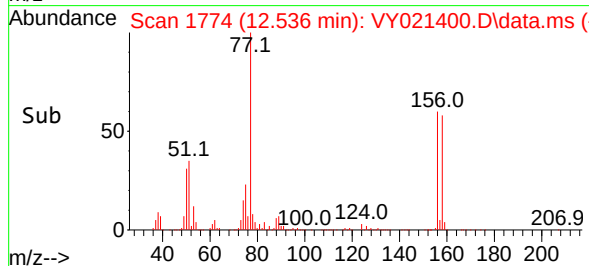
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 156 Resp: 301928
Ion Ratio Lower Upper
156 100
77 184.8 93.6 280.8
158 96.4 48.3 144.8

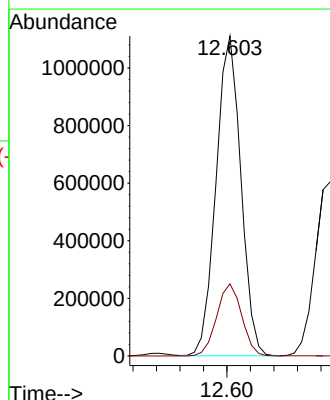
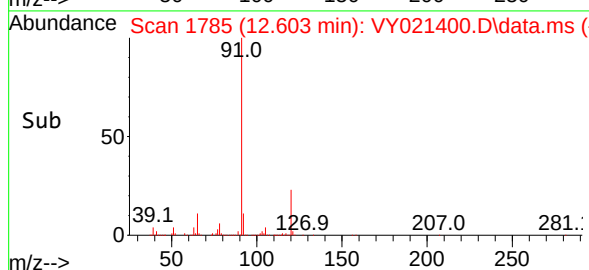
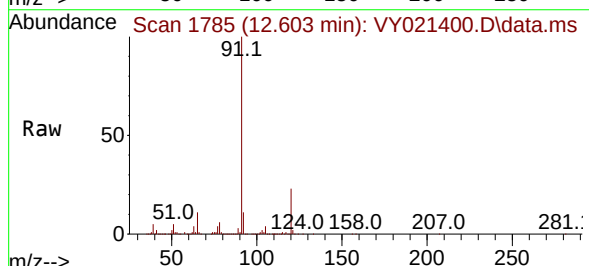
Manual Integrations
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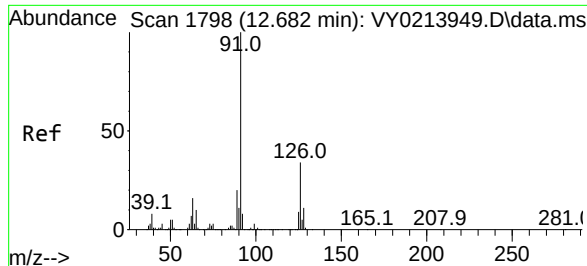
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#78
n-propylbenzene
Concen: 105.485 ug/l
RT: 12.603 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

Tgt Ion: 91 Resp: 1627111
Ion Ratio Lower Upper
91 100
120 22.7 11.3 33.8





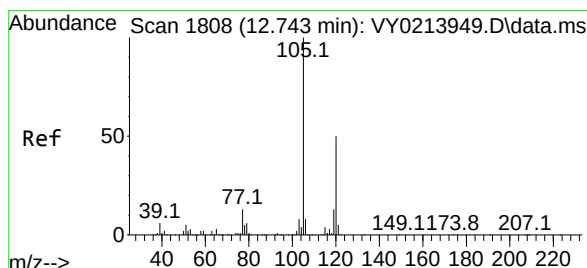
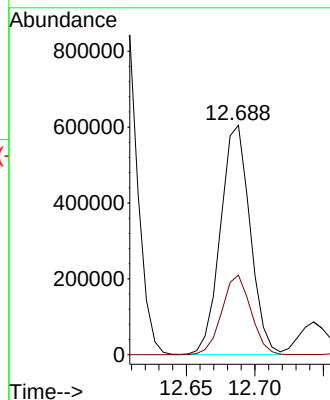
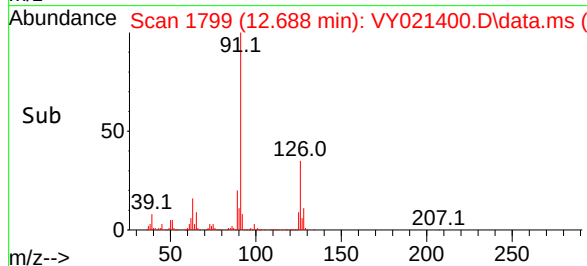
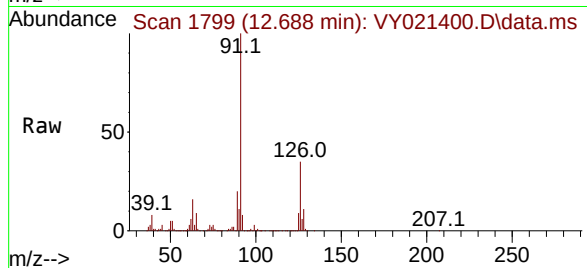
#79
2-Chlorotoluene
Concen: 103.236 ug/l
RT: 12.688 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 91054
Ion Ratio Lower Upper
91 100
126 34.1 17.2 51.6

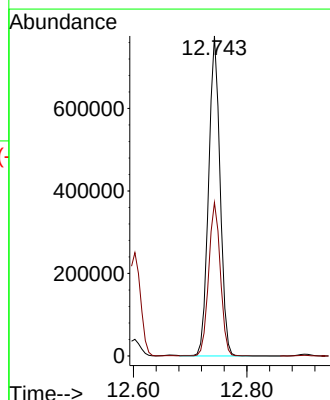
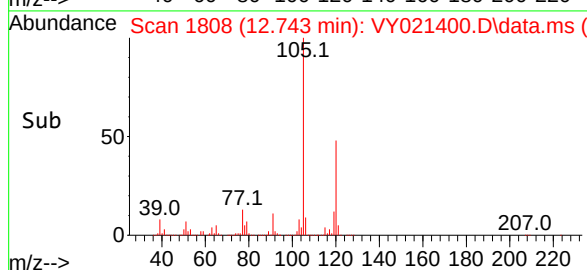
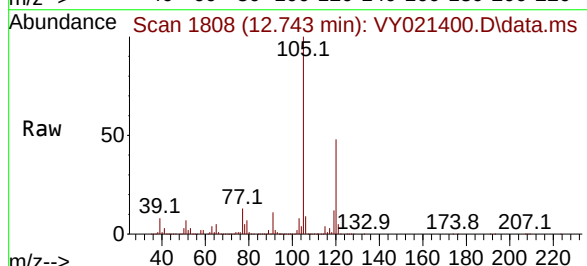
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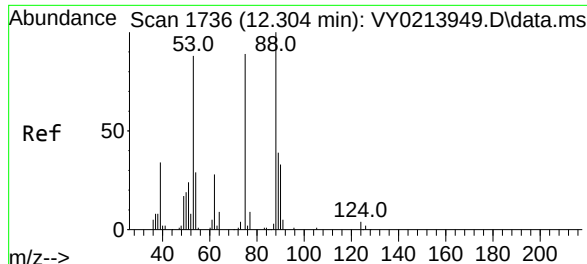
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#80
1,3,5-Trimethylbenzene
Concen: 105.392 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

Tgt Ion:105 Resp: 1087821
Ion Ratio Lower Upper
105 100
120 49.0 24.6 73.6





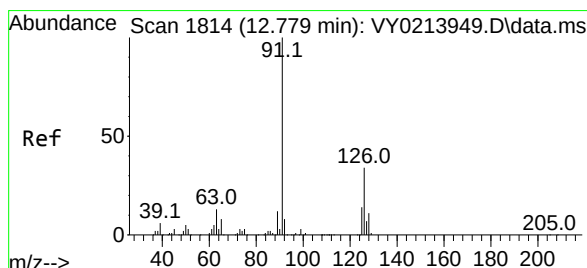
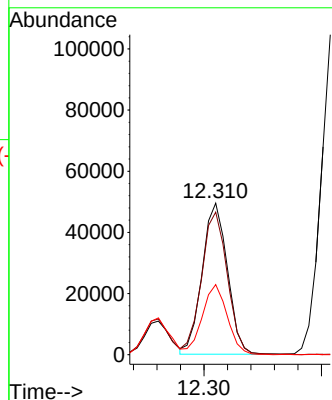
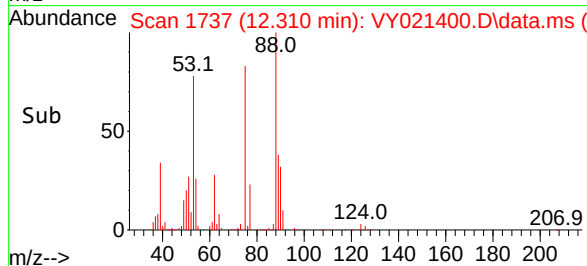
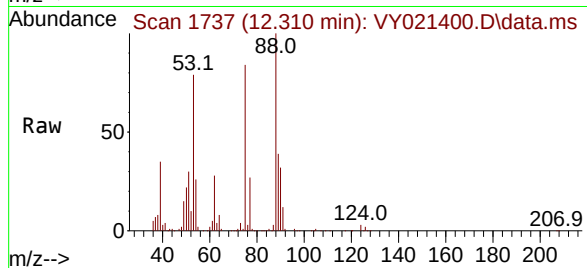
#81
trans-1,4-Dichloro-2-butene
Concen: 103.120 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. 0.006 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 7370
Ion Ratio Lower Upper
75 100
53 97.5 81.0 121.4
89 46.3 36.9 55.3

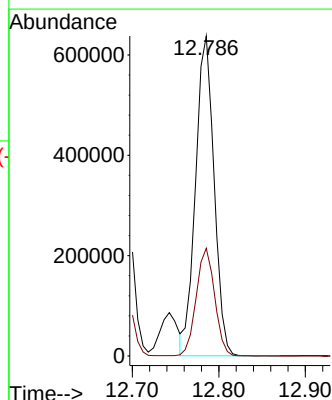
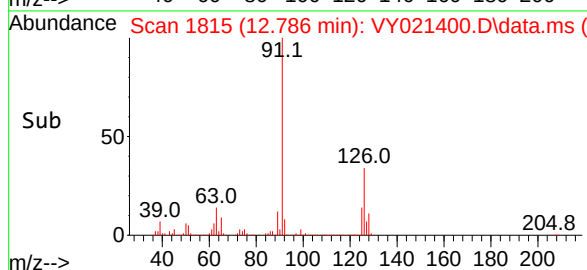
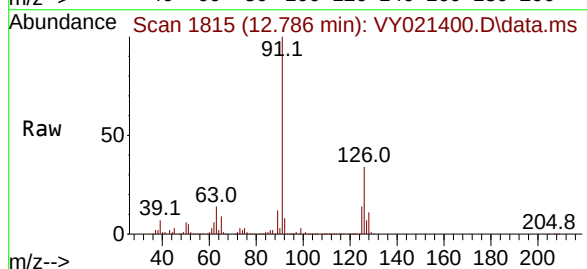
Manual Integrations
APPROVED

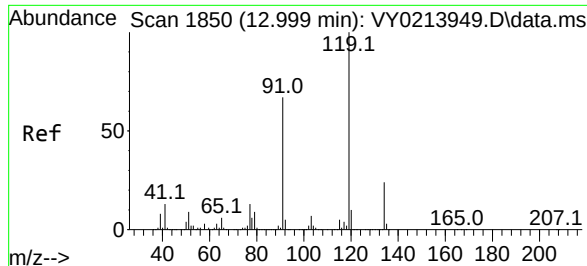
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#82
4-Chlorotoluene
Concen: 103.470 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

Tgt Ion: 91 Resp: 945021
Ion Ratio Lower Upper
91 100
126 33.6 17.0 51.0





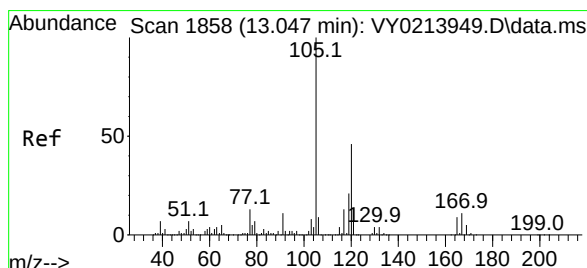
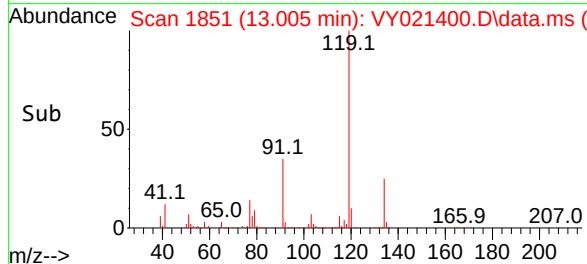
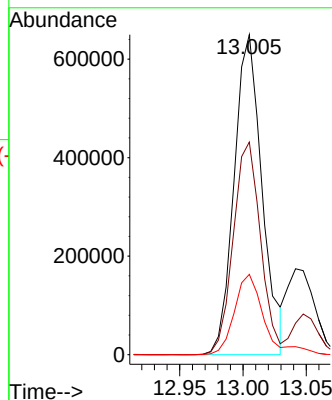
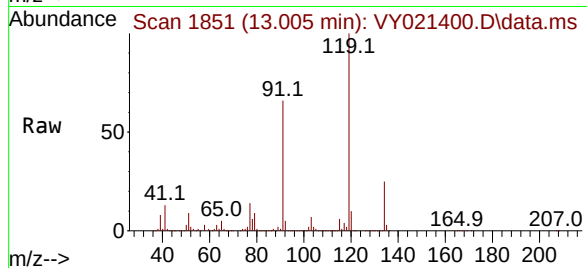
#83
tert-Butylbenzene
Concen: 108.425 ug/l
RT: 13.005 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion:119 Resp: 998360
Ion Ratio Lower Upper
119 100
91 64.9 33.2 99.6
134 26.6 13.5 40.5

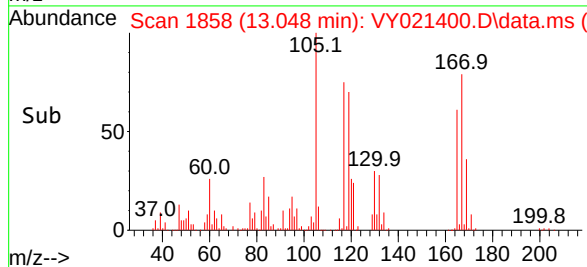
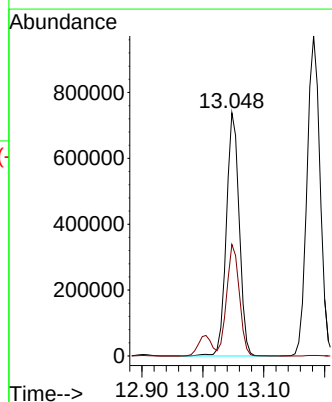
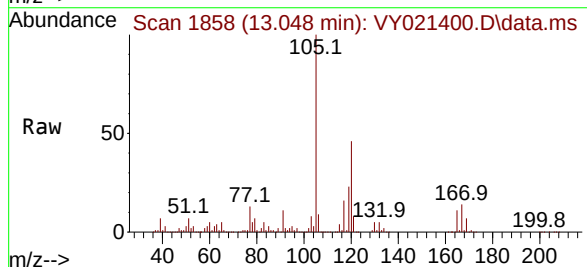
Manual Integrations
APPROVED

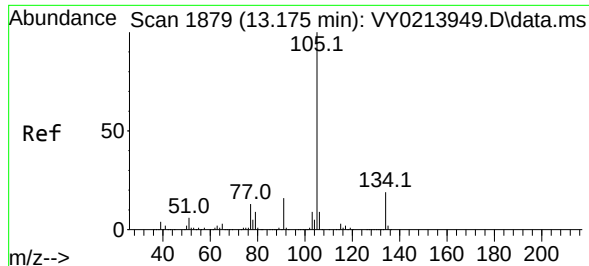
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#84
1,2,4-Trimethylbenzene
Concen: 105.512 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

Tgt Ion:105 Resp: 1081299
Ion Ratio Lower Upper
105 100
120 45.0 22.7 68.1





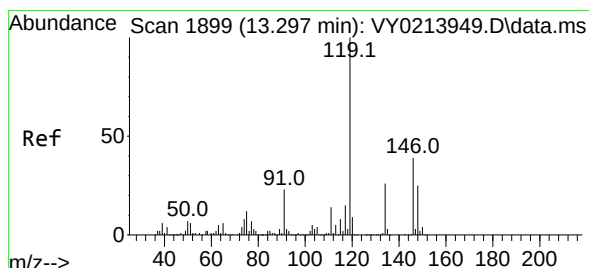
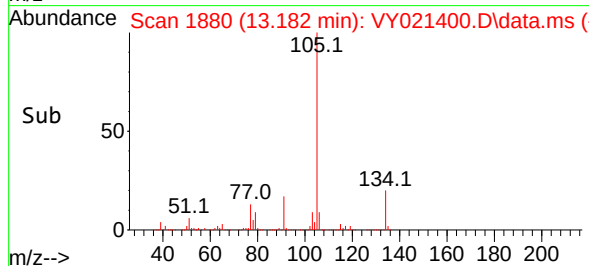
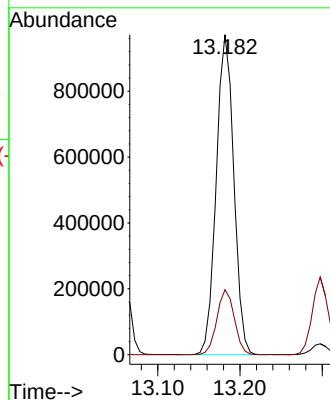
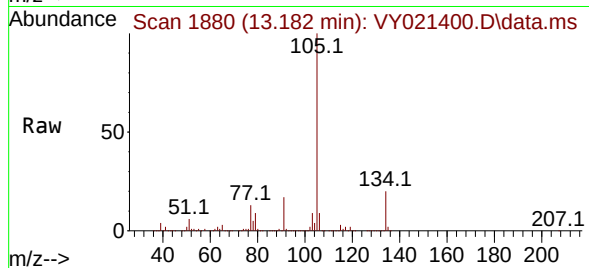
#85
 sec-Butylbenzene
 Concen: 105.232 ug/l
 RT: 13.182 min Scan# 1880
 Delta R.T. 0.006 min
 Lab File: VY021400.D
 Acq: 04 Mar 2025 11:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Tgt Ion:105 Resp: 144167
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.9 29.7

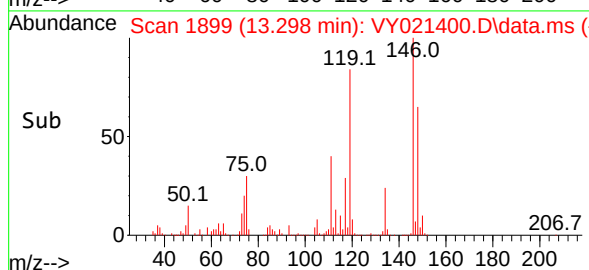
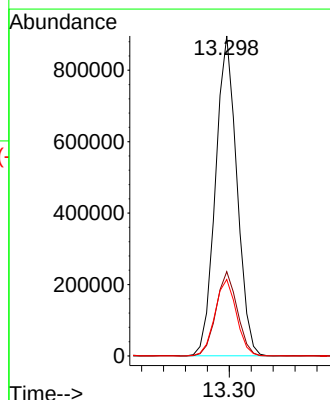
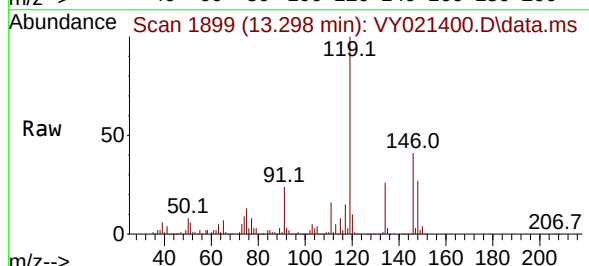
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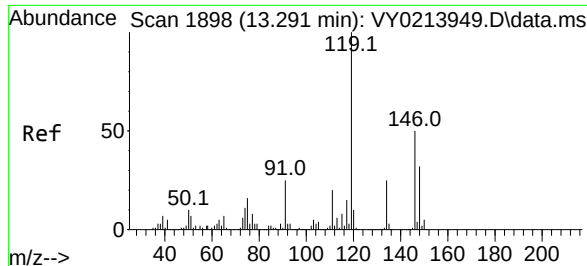
Reviewed By :Mahesh Dadoda 03/06/2025
 Supervised By :Semsettin Yesilyurt 03/06/2025



#86
 p-Isopropyltoluene
 Concen: 107.466 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. 0.000 min
 Lab File: VY021400.D
 Acq: 04 Mar 2025 11:06

Tgt Ion:119 Resp: 1212941
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.1
 91 24.2 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 100.292 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion:146 Resp: 59320

Ion Ratio Lower Upper

146 100

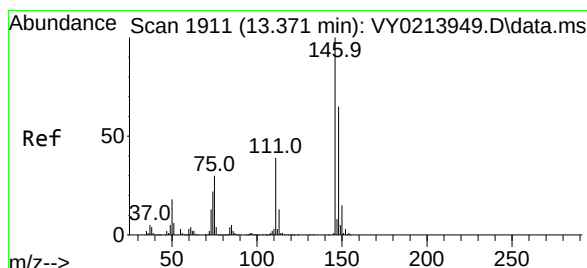
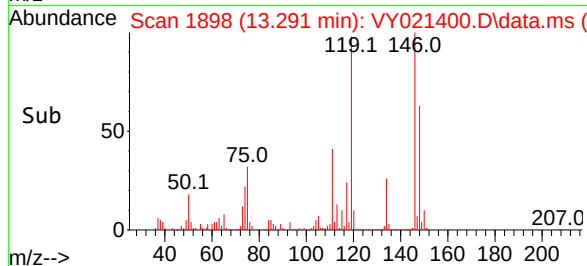
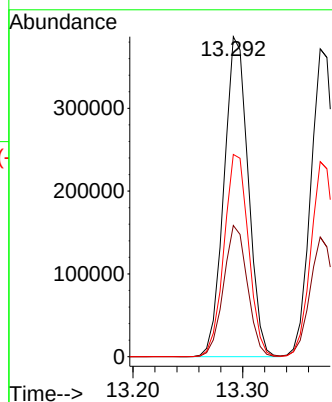
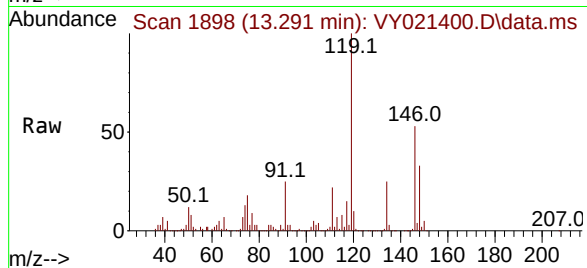
111 40.4 20.0 60.0

148 63.7 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#88

1,4-Dichlorobenzene

Concen: 99.419 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

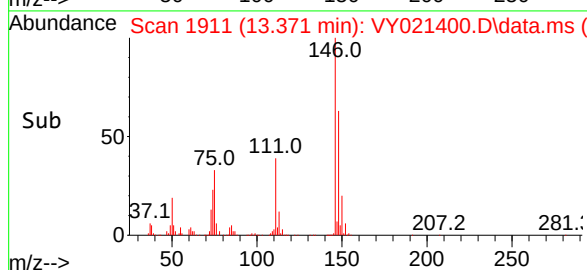
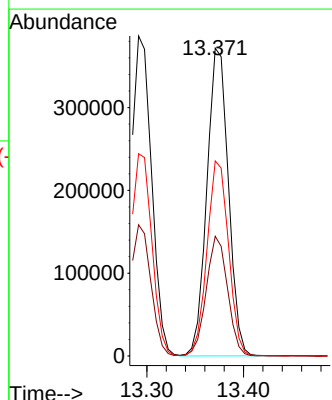
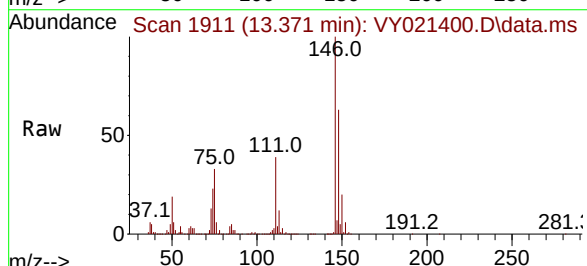
Tgt Ion:146 Resp: 575089

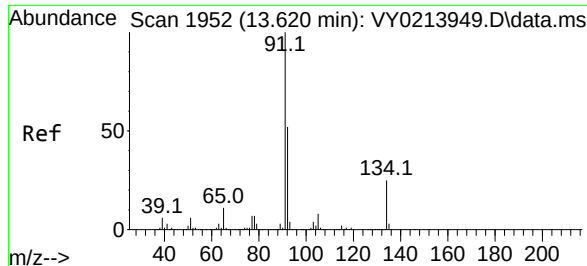
Ion Ratio Lower Upper

146 100

111 38.6 19.6 58.8

148 63.3 32.3 96.8





#89

n-Butylbenzene

Concen: 109.374 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 91 Resp: 1139920

Ion Ratio Lower Upper

91 100

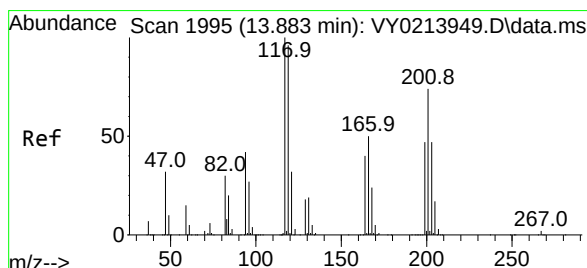
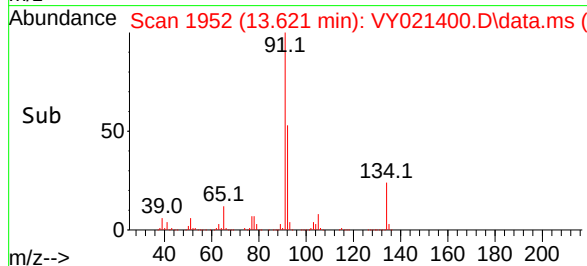
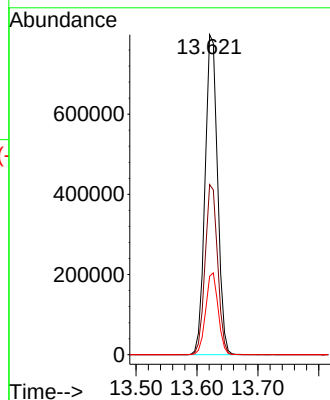
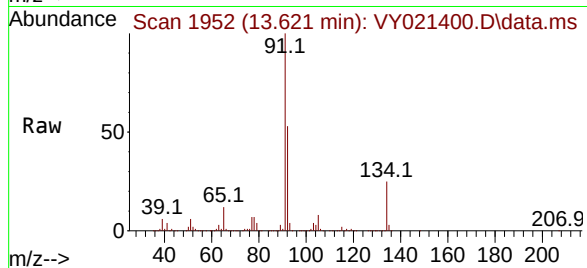
92 53.2 26.1 78.3

134 25.5 12.6 37.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#90

Hexachloroethane

Concen: 101.612 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. 0.006 min

Lab File: VY021400.D

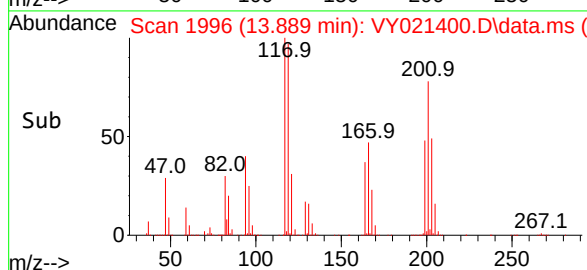
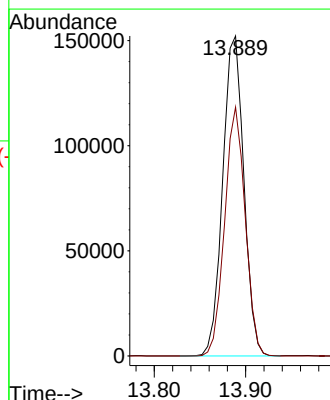
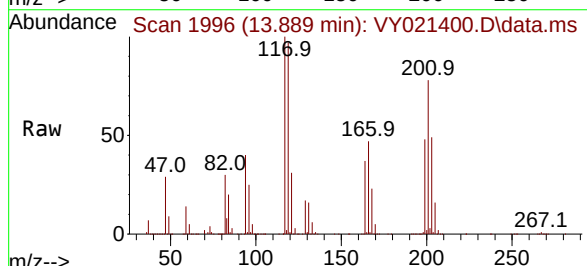
Acq: 04 Mar 2025 11:06

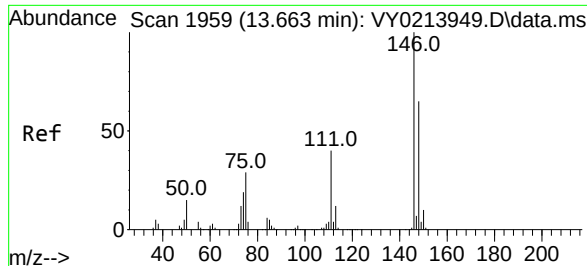
Tgt Ion:117 Resp: 244664

Ion Ratio Lower Upper

117 100

201 75.6 37.4 112.2





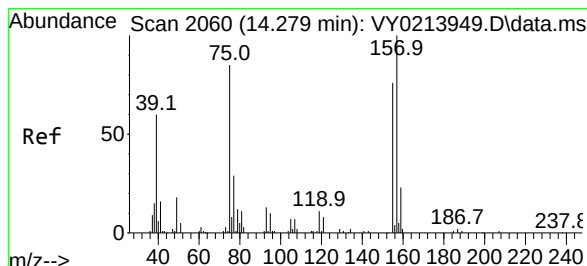
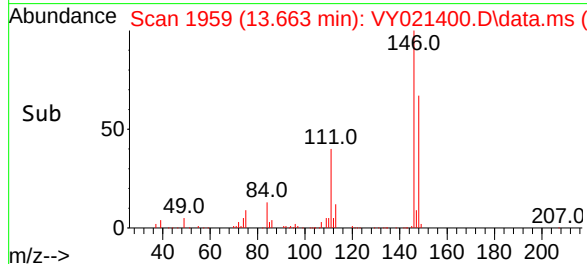
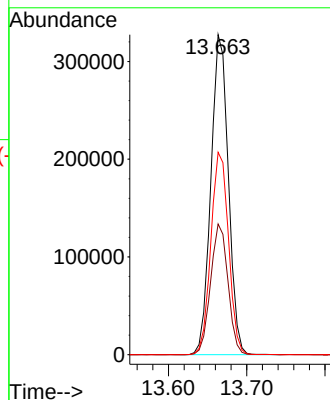
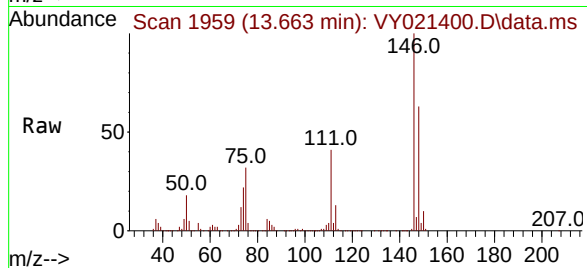
#91
1,2-Dichlorobenzene
Concen: 99.761 ug/l
RT: 13.663 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 50573
Ion Ratio Lower Upper
146 100
111 40.7 20.7 62.1
148 64.2 32.1 96.5

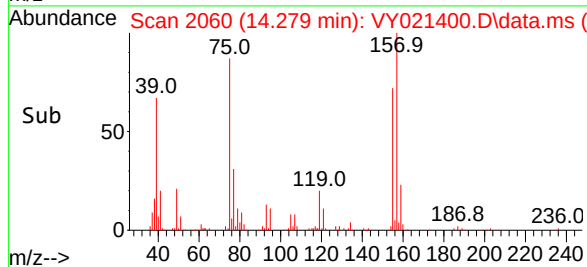
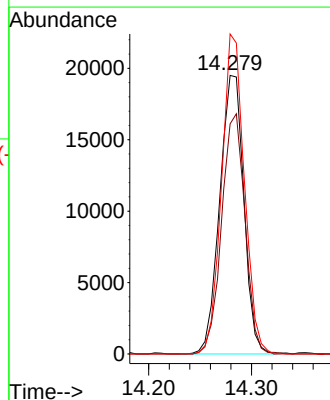
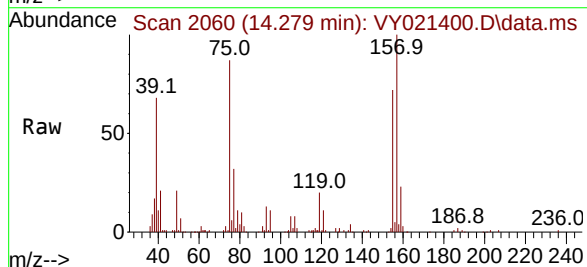
Manual Integrations
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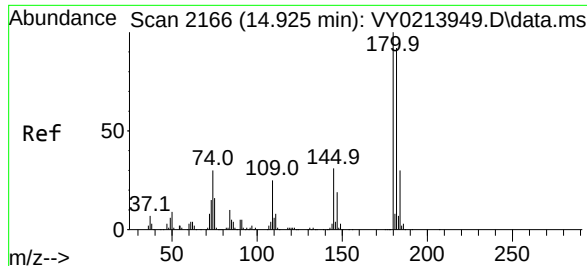
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 94.443 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

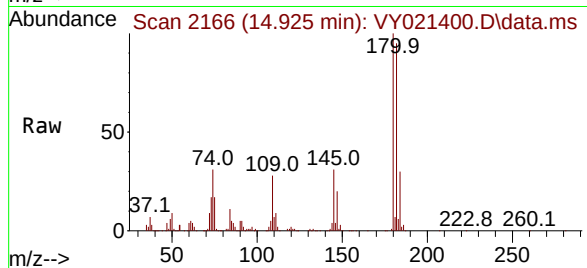
Tgt Ion: 75 Resp: 31708
Ion Ratio Lower Upper
75 100
155 83.8 43.5 130.5
157 108.1 54.4 163.2





#93
1,2,4-Trichlorobenzene
Concen: 107.869 ug/l
RT: 14.925 min Scan# 2166
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

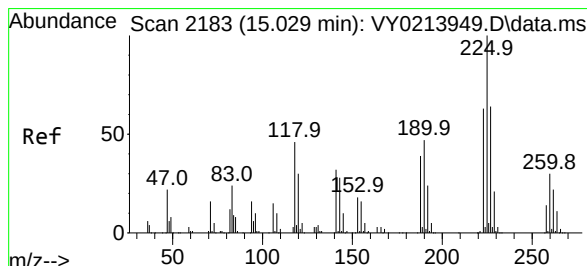
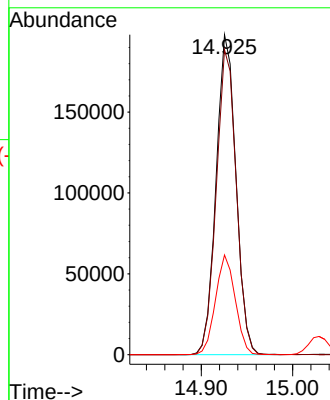
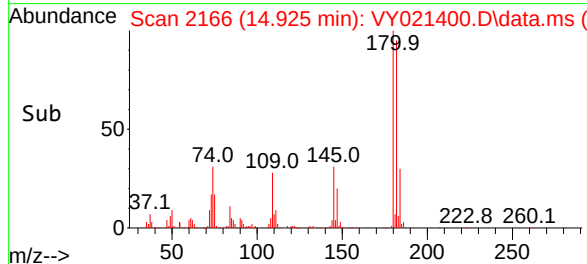
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



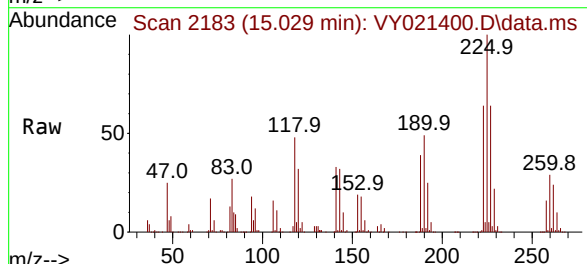
Tgt Ion:180 Resp: 298684
Ion Ratio Lower Upper
180 100
182 95.9 46.7 140.0
145 30.9 15.6 46.8

Manual Integrations
APPROVED

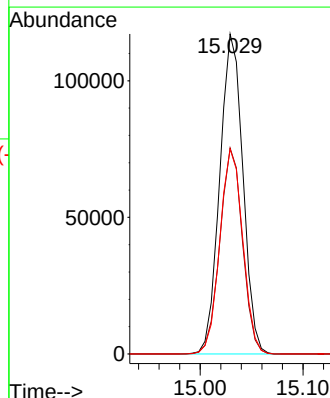
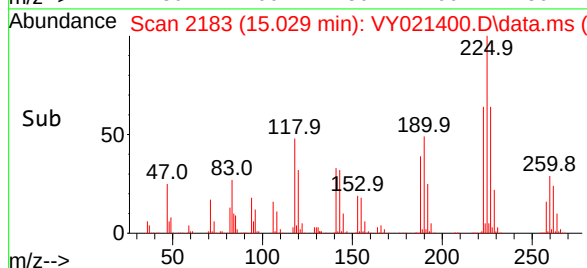
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

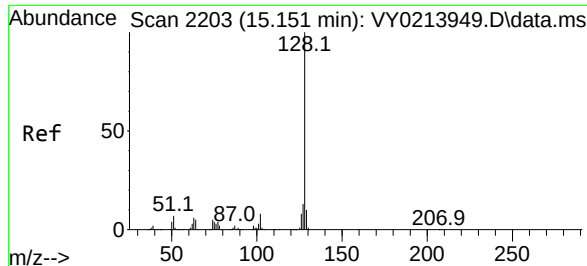


#94
Hexachlorobutadiene
Concen: 105.287 ug/l
RT: 15.029 min Scan# 2183
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06



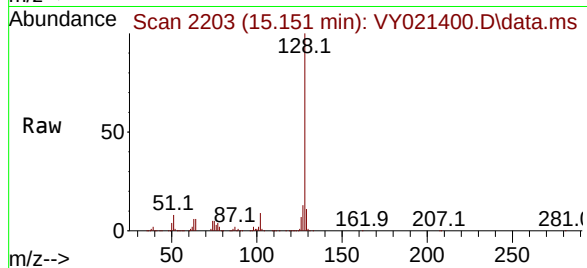
Tgt Ion:225 Resp: 182747
Ion Ratio Lower Upper
225 100
223 62.8 31.4 94.2
227 63.5 31.8 95.4





#95
Naphthalene
Concen: 97.607 ug/l
RT: 15.151 min Scan# 2203
Delta R.T. -0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

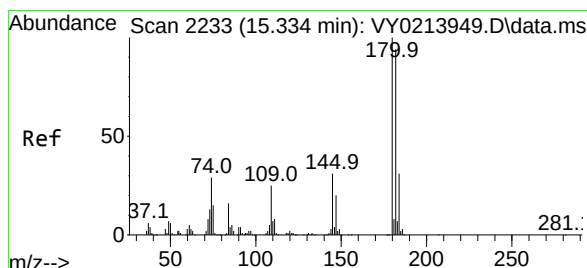
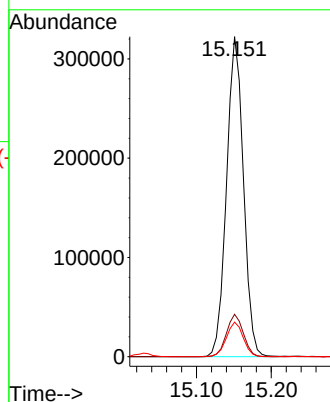
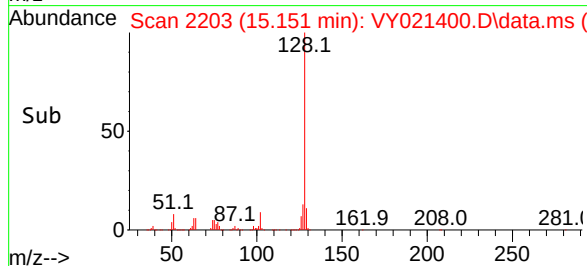
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion:128 Resp: 506570
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.8 8.6 13.0

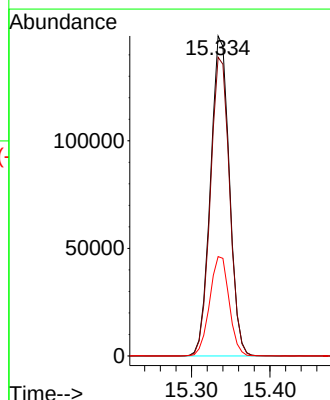
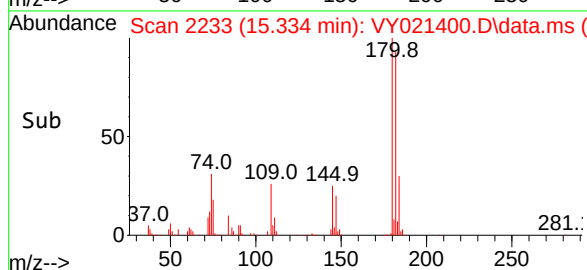
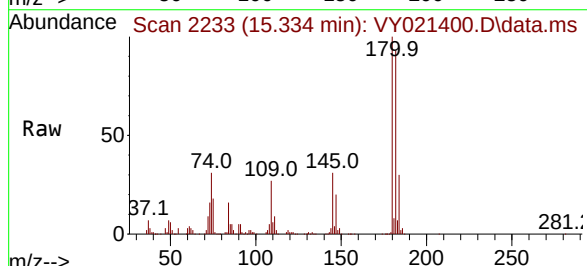
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#96
1,2,3-Trichlorobenzene
Concen: 106.805 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

Tgt Ion:180 Resp: 248728
Ion Ratio Lower Upper
180 100
182 95.0 47.2 141.6
145 32.0 16.4 49.1



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
 Data File : VY021401.D
 Acq On : 04 Mar 2025 11:29
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
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Reviewed By :Mahesh Dadoda 03/06/2025
 Supervised By :Semsettin Yesilyurt 03/06/2025

Quant Time: Mar 05 03:01:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 02:30:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	266755	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	403017	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	355825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	173358	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.067	65	382016	135.494	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 270.980%#	
35) Dibromofluoromethane	7.640	113	376382	142.080	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 284.160%#	
50) Toluene-d8	10.109	98	1454175	144.978	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 289.960%#	
62) 4-Bromofluorobenzene	12.408	95	489437	143.450	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 286.900%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	343152	140.181	ug/l	97
3) Chloromethane	2.074	50	464459	134.578	ug/l	99
4) Vinyl Chloride	2.208	62	532492	141.188	ug/l	99
5) Bromomethane	2.592	94	374688	137.459	ug/l	98
6) Chloroethane	2.739	64	345714	138.708	ug/l	97
7) Trichlorofluoromethane	3.062	101	748024	142.097	ug/l	99
8) Diethyl Ether	3.458	74	210548	144.324	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.824	101	419826	139.685	ug/l	99
10) Methyl Iodide	4.013	142	485205	158.816	ug/l	98
11) Tert butyl alcohol	4.872	59	132243	768.076	ug/l	100
12) 1,1-Dichloroethene	3.793	96	395483	144.329	ug/l	99
13) Acrolein	3.659	56	16610	115.824	ug/l	89
14) Allyl chloride	4.391	41	650795	146.966	ug/l	99
15) Acrylonitrile	5.061	53	454097	731.212	ug/l	99
16) Acetone	3.873	43	380537	618.814	ug/l	94
17) Carbon Disulfide	4.110	76	1237407	144.094	ug/l	100
18) Methyl Acetate	4.391	43	205359	150.507	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	1052192	151.501	ug/l	99
20) Methylene Chloride	4.622	84	405442	125.603	ug/l	97
21) trans-1,2-Dichloroethene	5.122	96	436290	142.173	ug/l	99
22) Diisopropyl ether	6.025	45	1390733	145.730	ug/l	96
23) Vinyl Acetate	5.964	43	4142519	760.601	ug/l	99
24) 1,1-Dichloroethane	5.921	63	793059	140.803	ug/l	99
25) 2-Butanone	6.896	43	604502	710.631	ug/l	99
26) 2,2-Dichloropropane	6.890	77	740961	142.975	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	511211	146.639	ug/l	98
28) Bromochloromethane	7.250	49	304092	128.781	ug/l	98
29) Tetrahydrofuran	7.262	42	392146	746.729	ug/l	99
30) Chloroform	7.427	83	823431	140.790	ug/l	98
31) Cyclohexane	7.707	56	731684	138.566	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	762807	142.442	ug/l	99
36) 1,1-Dichloropropene	7.841	75	609596	147.009	ug/l	99
37) Ethyl Acetate	6.988	43	271579	145.189	ug/l	99
38) Carbon Tetrachloride	7.823	117	700638	146.916	ug/l	100
39) Methylcyclohexane	9.109	83	808497	158.954	ug/l	99
40) Benzene	8.085	78	1781188	145.818	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
 Data File : VY021401.D
 Acq On : 04 Mar 2025 11:29
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
 Supervised By :Semsettin Yesilyurt 03/06/2025

Quant Time: Mar 05 03:01:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 02:30:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	150455	147.676	ug/l #	92
42) 1,2-Dichloroethane	8.164	62	493103	144.299	ug/l	99
43) Isopropyl Acetate	8.201	43	557010	156.557	ug/l	99
44) Trichloroethene	8.866	130	456841	148.000	ug/l	96
45) 1,2-Dichloropropane	9.146	63	419433	144.273	ug/l	98
46) Dibromomethane	9.231	93	239577	148.107	ug/l	99
47) Bromodichloromethane	9.426	83	629944	146.641	ug/l	100
48) Methyl methacrylate	9.225	41	268043	162.482	ug/l	99
49) 1,4-Dioxane	9.231	88	51411	3238.027	ug/l	98
51) 4-Methyl-2-Pentanone	9.999	43	1468813	800.119	ug/l	99
52) Toluene	10.176	92	1158338	150.411	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	598438	158.120	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	684617	152.359	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	310174	146.586	ug/l	99
56) Ethyl methacrylate	10.444	69	466697	172.939	ug/l	99
57) 1,3-Dichloropropane	10.719	76	545711	148.802	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	1094099	878.264	ug/l	99
59) 2-Hexanone	10.762	43	983959	810.617	ug/l	100
60) Dibromochloromethane	10.914	129	436855	150.595	ug/l	99
61) 1,2-Dibromoethane	11.018	107	298827	149.635	ug/l	98
64) Tetrachloroethene	10.652	164	419107	144.847	ug/l	99
65) Chlorobenzene	11.444	112	1243163	147.949	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	442377	148.911	ug/l	100
67) Ethyl Benzene	11.524	91	2291269	155.358	ug/l	100
68) m/p-Xylenes	11.633	106	1713936	306.103	ug/l	99
69) o-Xylene	11.956	106	805321	156.057	ug/l	99
70) Styrene	11.975	104	1352252	157.956	ug/l	99
71) Bromoform	12.133	173	253882	152.878	ug/l #	98
73) Isopropylbenzene	12.255	105	2144893	157.067	ug/l	99
74) N-amyl acetate	12.072	43	521557	175.863	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	358734	148.865	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	241297m	138.129	ug/l	
77) Bromobenzene	12.536	156	485258	151.891	ug/l	98
78) n-propylbenzene	12.597	91	2550395	153.780	ug/l	100
79) 2-Chlorotoluene	12.682	91	1439597	151.808	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	1704391	153.582	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	126267	164.316	ug/l	95
82) 4-Chlorotoluene	12.779	91	1468603	149.554	ug/l	100
83) tert-Butylbenzene	12.999	119	1538803	155.433	ug/l	100
84) 1,2,4-Trimethylbenzene	13.048	105	1713052	155.470	ug/l	99
85) sec-Butylbenzene	13.182	105	2277976	154.650	ug/l	99
86) p-Isopropyltoluene	13.298	119	1940795	159.931	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	947577	149.004	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	917648	147.547	ug/l	99
89) n-Butylbenzene	13.621	91	1818773	162.308	ug/l	98
90) Hexachloroethane	13.883	117	393459	151.984	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	811529	148.890	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	56205	155.702	ug/l	97
93) 1,2,4-Trichlorobenzene	14.925	180	517199	173.726	ug/l	98
94) Hexachlorobutadiene	15.029	225	302517	162.105	ug/l	99
95) Naphthalene	15.151	128	925079	150.626	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	434430	173.503	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
Data File : VY021401.D
Acq On : 04 Mar 2025 11:29
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

Quant Time: Mar 05 03:01:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 02:30:51 2025
Response via : Initial Calibration

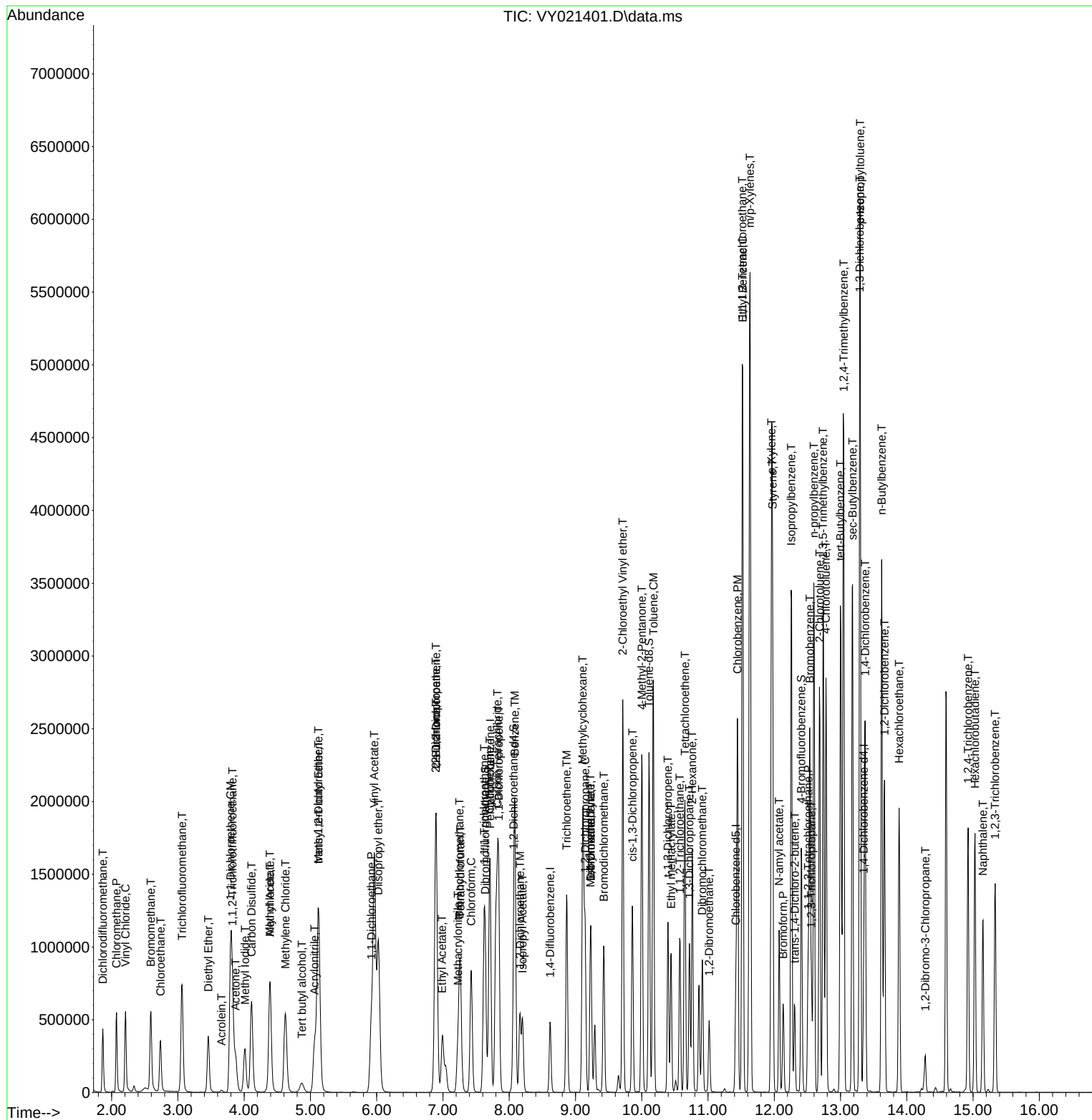
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

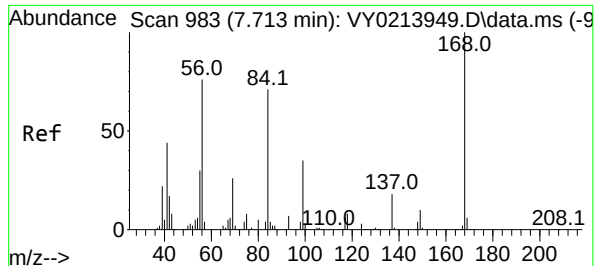
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

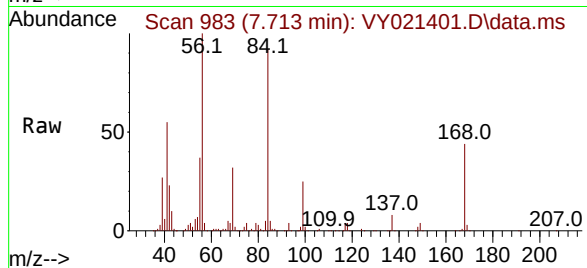
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

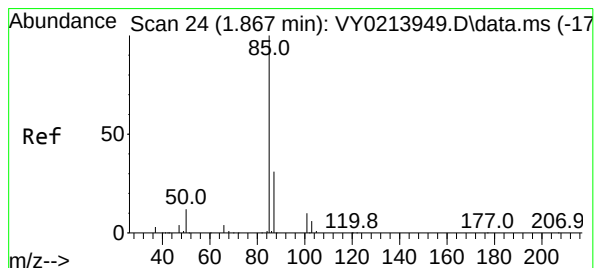
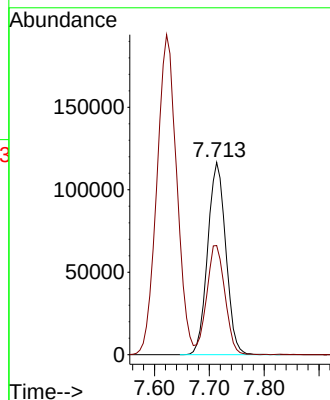
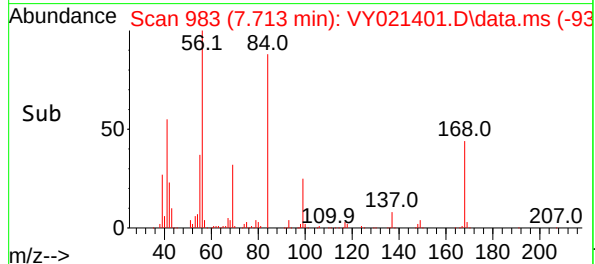
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion: 168 Resp: 26675
Ion Ratio Lower Upper
168 100
99 56.5 46.0 69.0

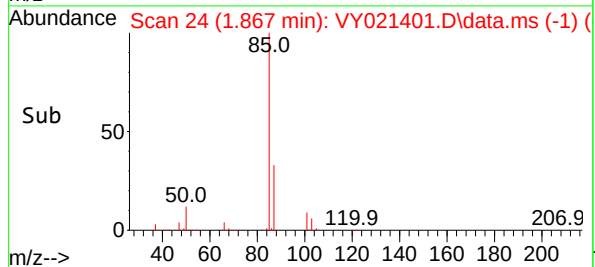
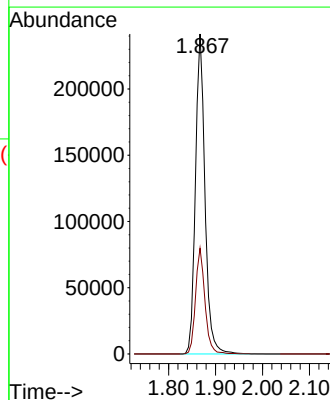
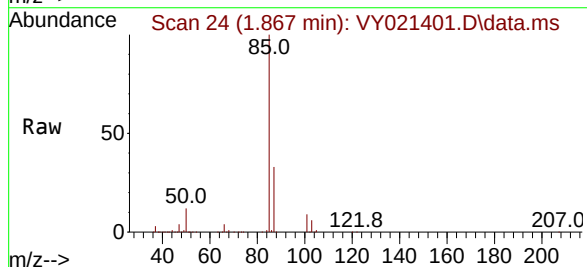
Manual Integrations
APPROVED

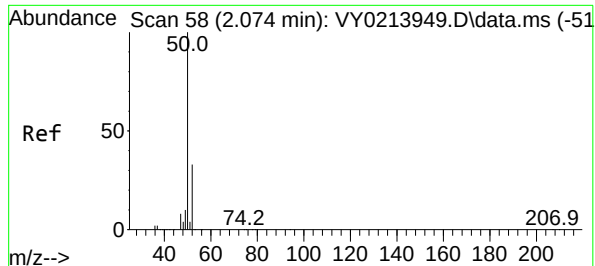
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#2
Dichlorodifluoromethane
Concen: 140.181 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

Tgt Ion: 85 Resp: 343152
Ion Ratio Lower Upper
85 100
87 33.0 15.7 47.0





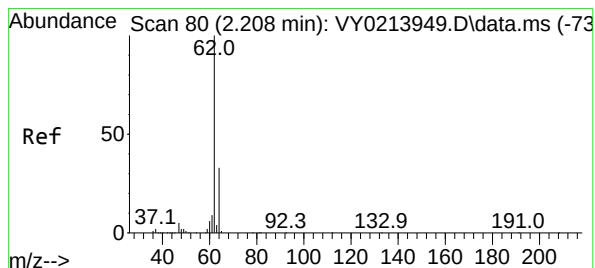
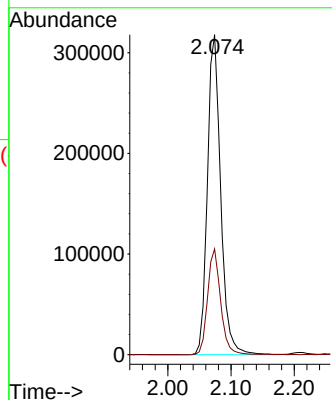
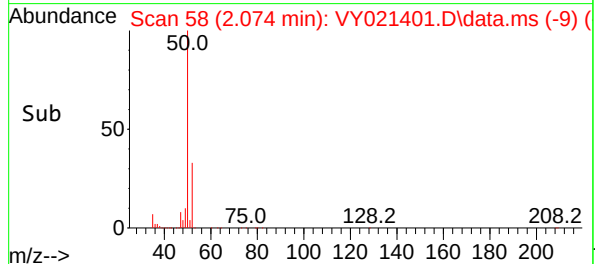
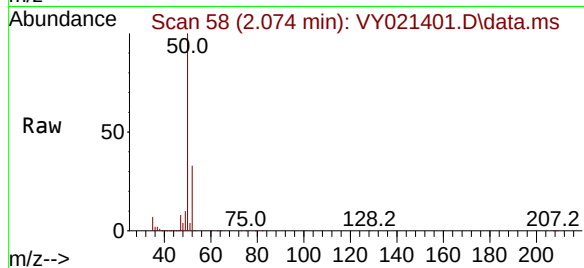
#3
Chloromethane
Concen: 134.578 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 50 Resp: 464459
Ion Ratio Lower Upper
50 100
52 33.1 26.2 39.2

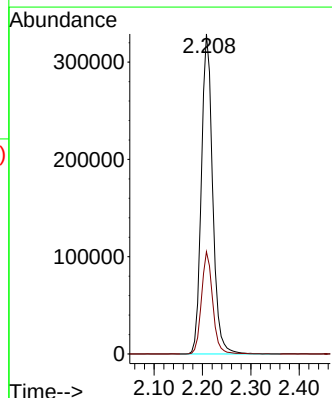
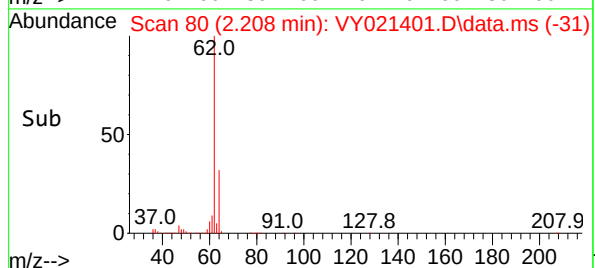
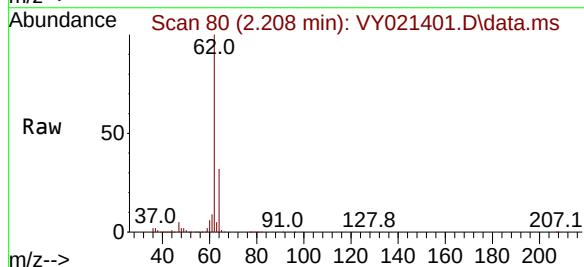
Manual Integrations
APPROVED

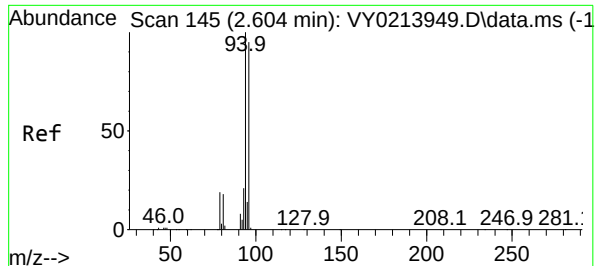
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#4
Vinyl Chloride
Concen: 141.188 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

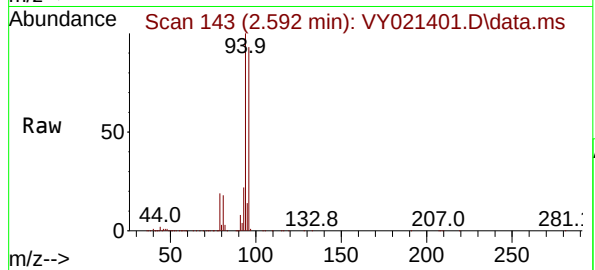
Tgt Ion: 62 Resp: 532492
Ion Ratio Lower Upper
62 100
64 31.9 26.2 39.2





#5
Bromomethane
Concen: 137.459 ug/l
RT: 2.592 min Scan# 145
Delta R.T. -0.012 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

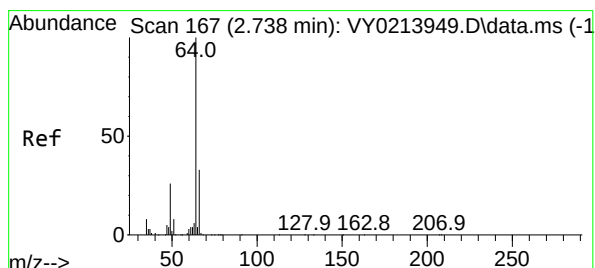
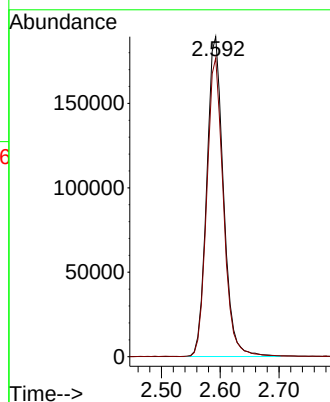
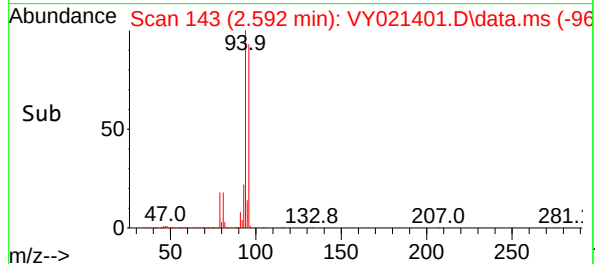
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 94 Resp: 374688
Ion Ratio Lower Upper
94 100
96 93.3 76.3 114.5

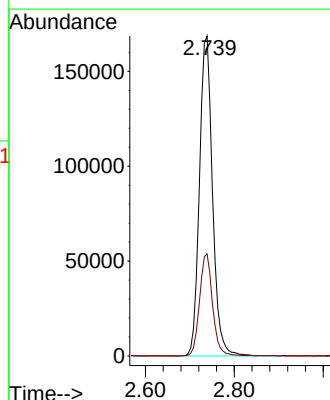
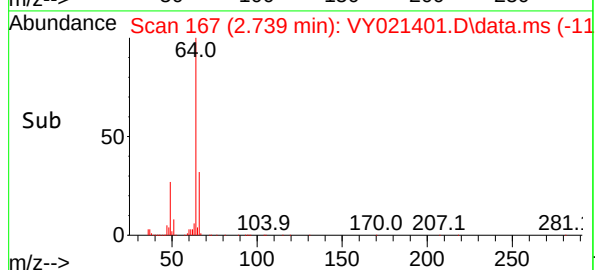
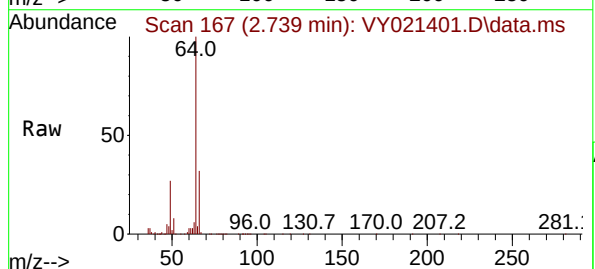
Manual Integrations
APPROVED

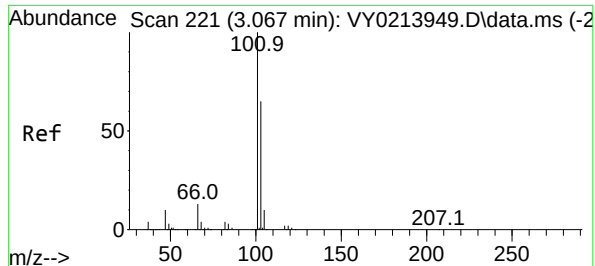
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#6
Chloroethane
Concen: 138.708 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

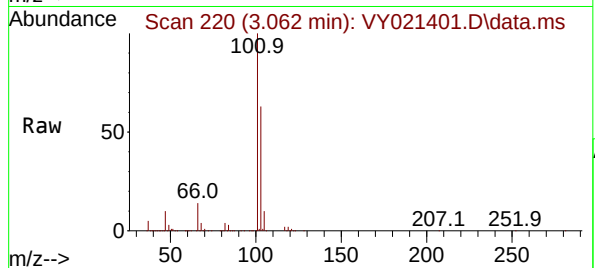
Tgt Ion: 64 Resp: 345714
Ion Ratio Lower Upper
64 100
66 31.9 26.7 40.1





#7
Trichlorofluoromethane
Concen: 142.097 ug/l
RT: 3.062 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

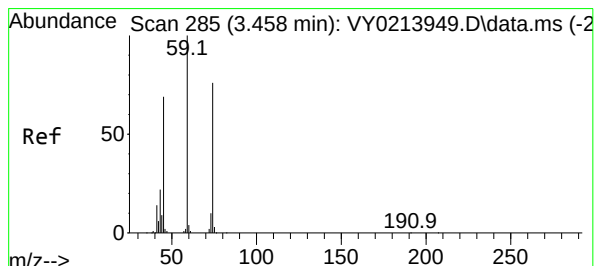
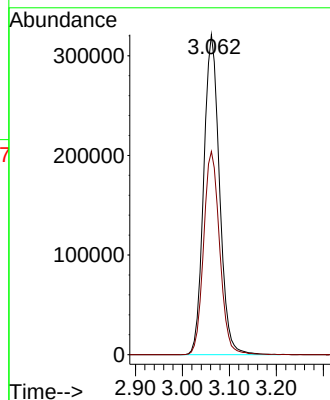
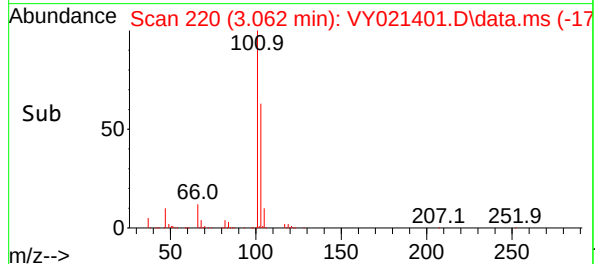
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion:101 Resp: 748024
Ion Ratio Lower Upper
101 100
103 63.5 51.7 77.5

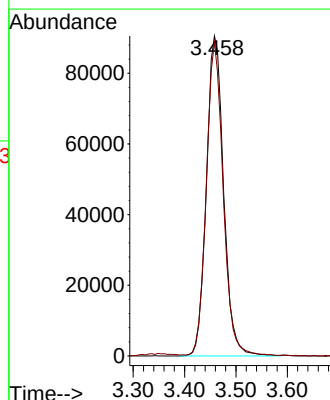
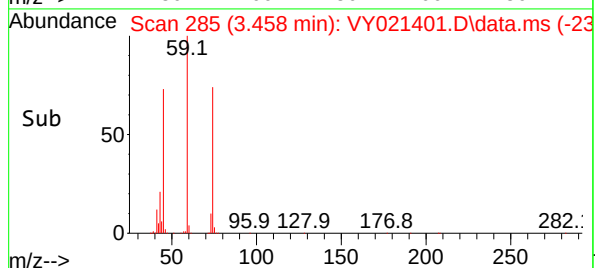
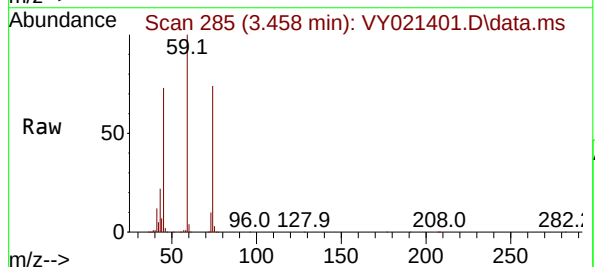
Manual Integrations
APPROVED

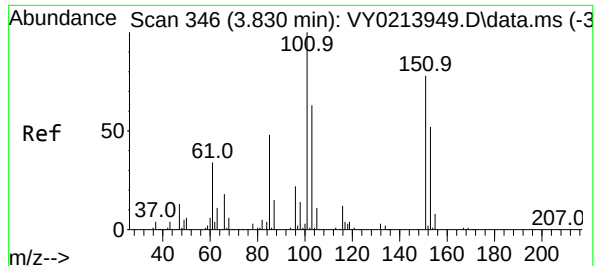
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#8
Diethyl Ether
Concen: 144.324 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

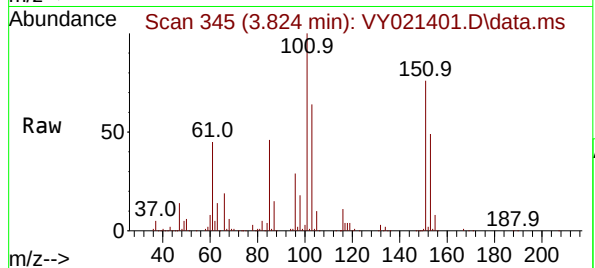
Tgt Ion: 74 Resp: 210548
Ion Ratio Lower Upper
74 100
45 96.0 49.7 149.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 139.685 ug/l
RT: 3.824 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

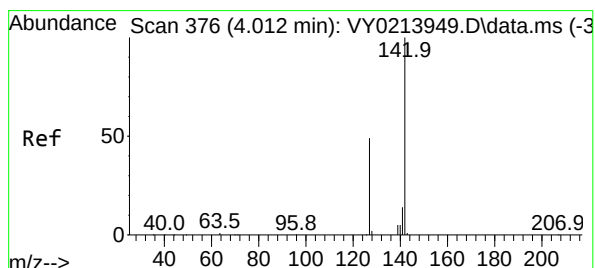
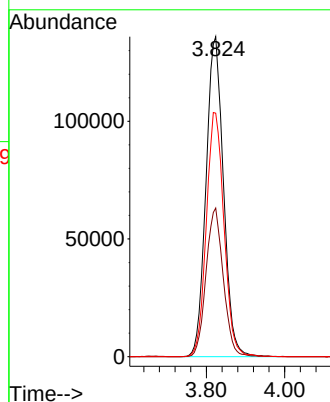
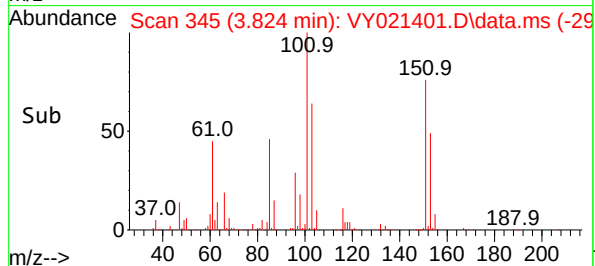
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion:101 Resp: 419820
Ion Ratio Lower Upper
101 100
85 46.0 37.1 55.7
151 77.2 62.1 93.1

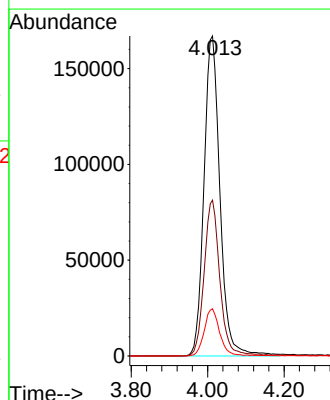
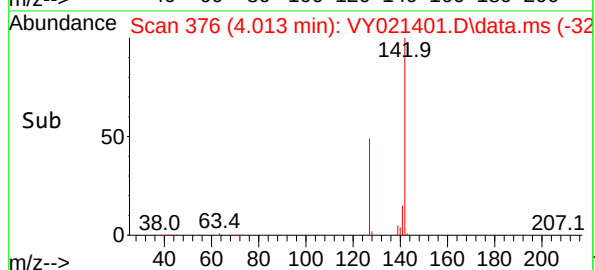
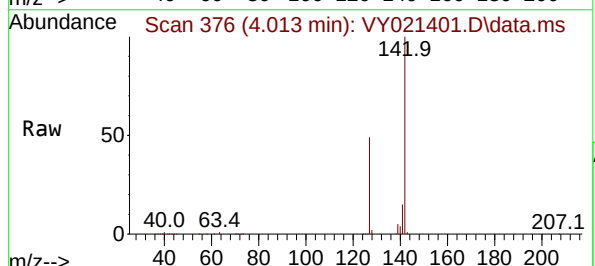
Manual Integrations
APPROVED

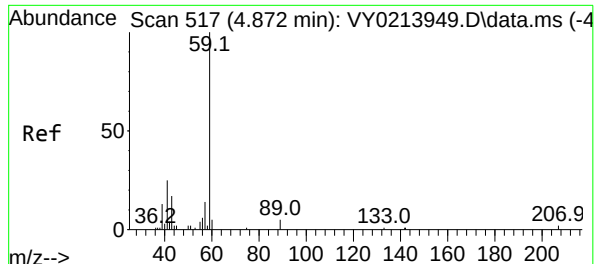
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#10
Methyl Iodide
Concen: 158.816 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

Tgt Ion:142 Resp: 485205
Ion Ratio Lower Upper
142 100
127 47.8 39.1 58.7
141 14.2 11.8 17.6





#11

Tert butyl alcohol

Concen: 768.076 ug/l

RT: 4.872 min Scan# 517

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 59 Resp: 13224

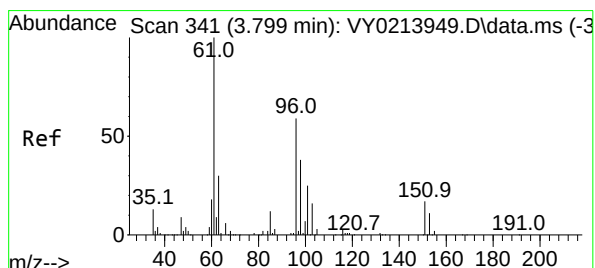
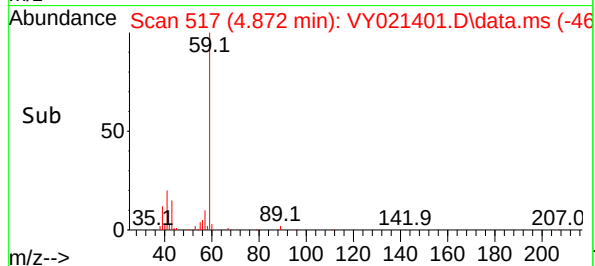
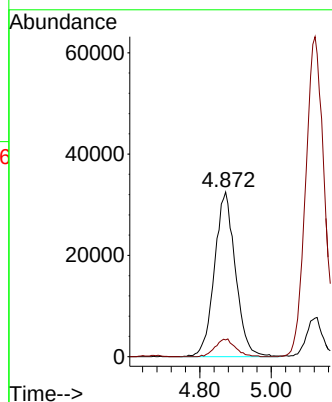
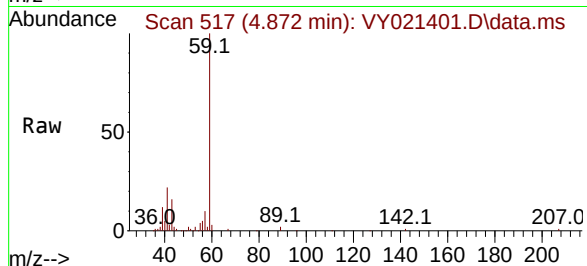
Ion Ratio Lower Upper

59 100

57 10.4 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#12

1,1-Dichloroethene

Concen: 144.329 ug/l

RT: 3.793 min Scan# 340

Delta R.T. -0.006 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

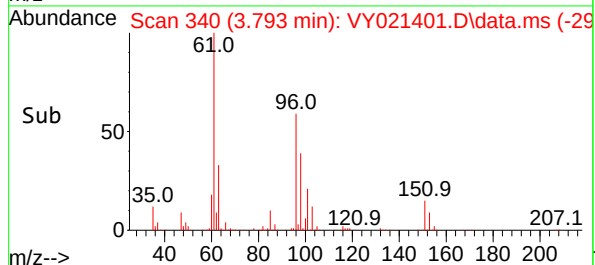
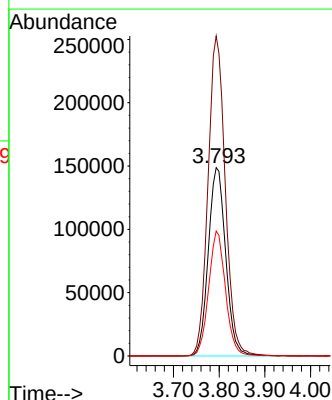
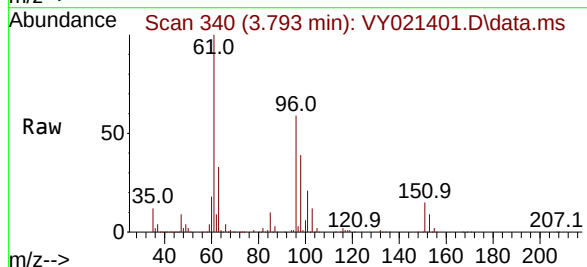
Tgt Ion: 96 Resp: 395483

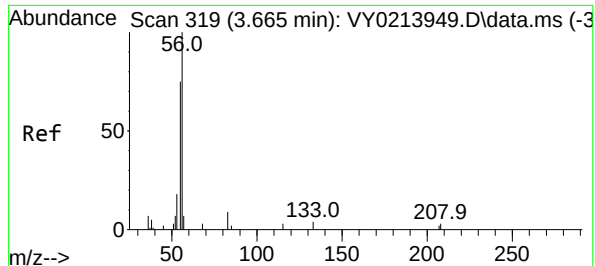
Ion Ratio Lower Upper

96 100

61 169.9 135.2 202.8

98 66.4 51.4 77.2





#13

Acrolein

Concen: 115.824 ug/l

RT: 3.659 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 56 Resp: 16610

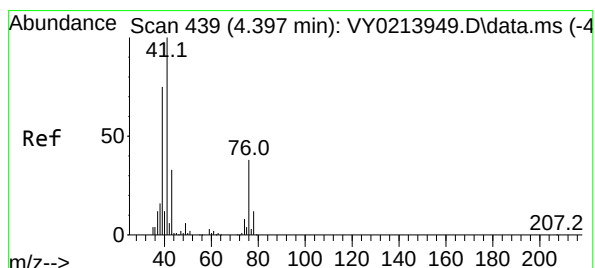
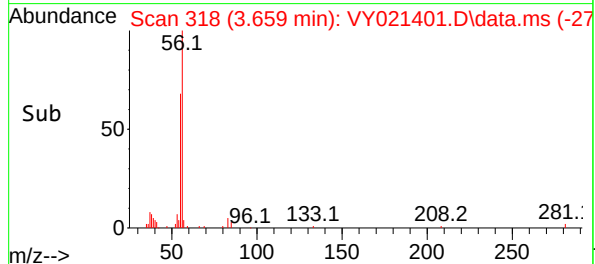
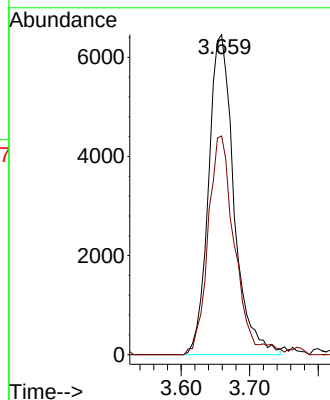
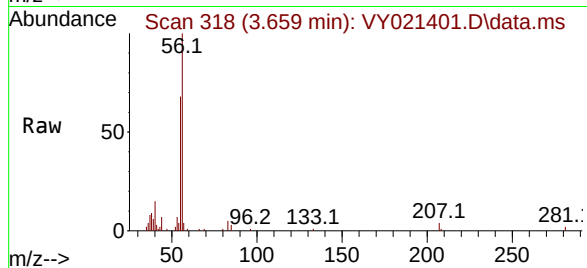
Ion Ratio Lower Upper

56 100

55 69.5 63.4 95.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#14

Allyl chloride

Concen: 146.966 ug/l

RT: 4.391 min Scan# 438

Delta R.T. -0.006 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

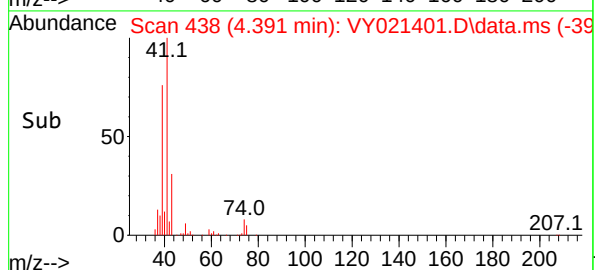
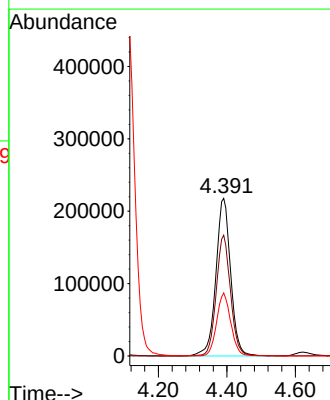
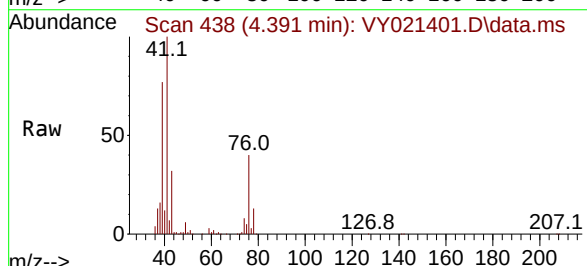
Tgt Ion: 41 Resp: 650795

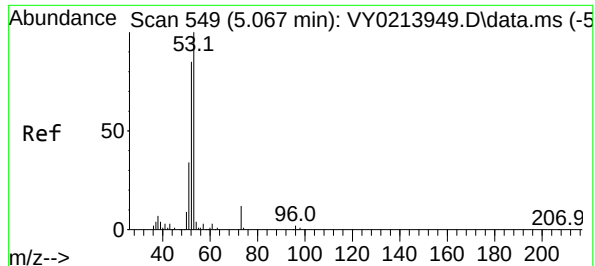
Ion Ratio Lower Upper

41 100

39 73.7 59.3 88.9

76 37.9 29.8 44.8





#15

Acrylonitrile

Concen: 731.212 ug/l

RT: 5.061 min Scan# 549

Delta R.T. -0.006 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

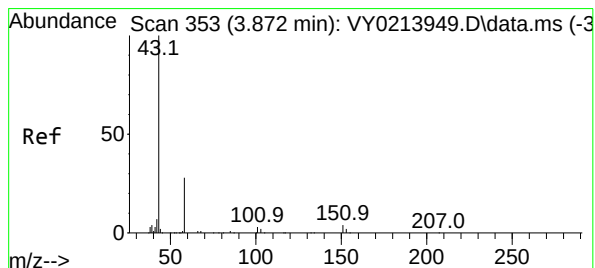
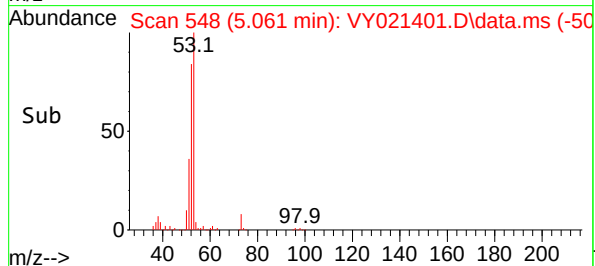
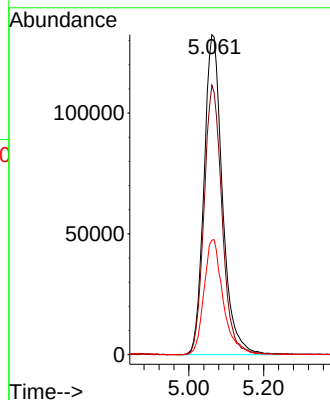
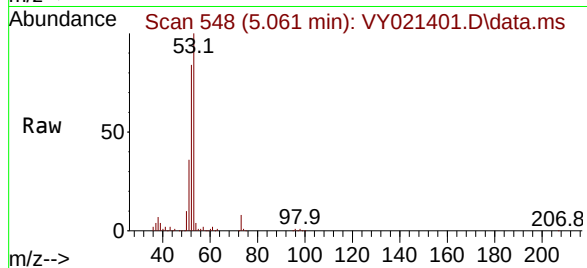
VSTDIC150

Tgt Ion:	53	Resp:	45409
Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.3	99.5
51	37.5	30.3	45.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#16

Acetone

Concen: 618.814 ug/l

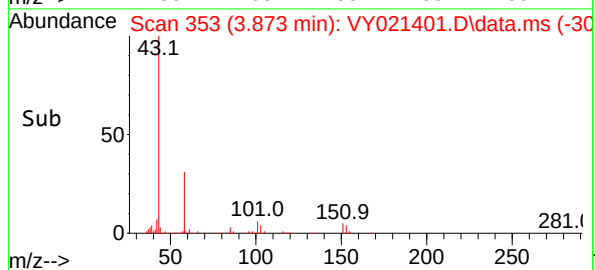
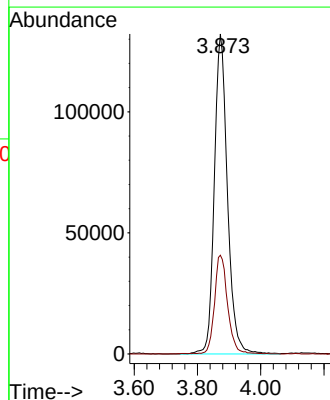
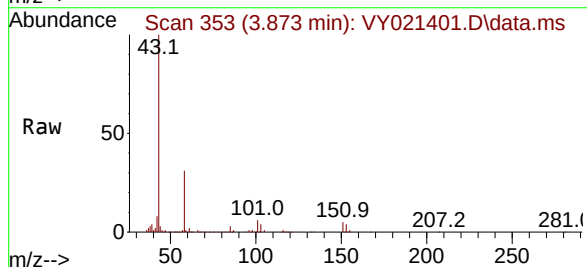
RT: 3.873 min Scan# 353

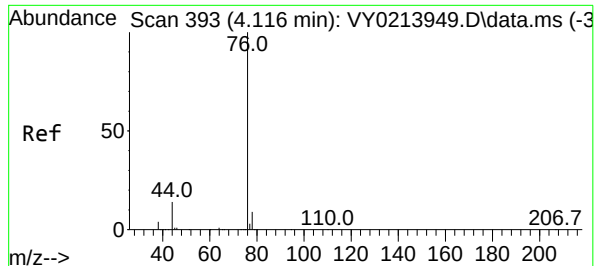
Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

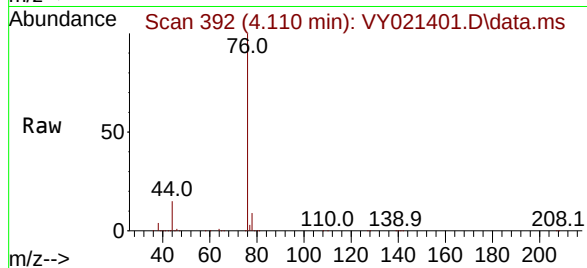
Tgt Ion:	43	Resp:	380537
Ion	Ratio	Lower	Upper
43	100		
58	30.8	22.1	33.1





#17
Carbon Disulfide
Concen: 144.094 ug/l
RT: 4.110 min Scan# 393
Delta R.T. -0.006 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

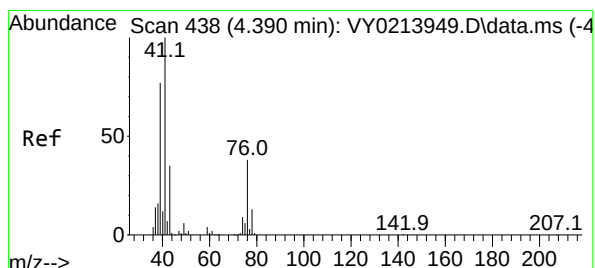
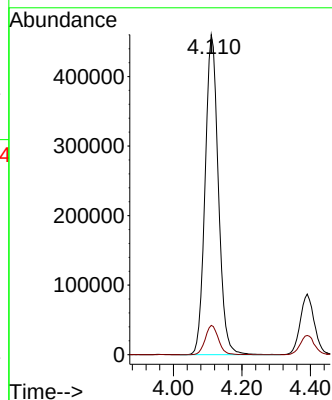
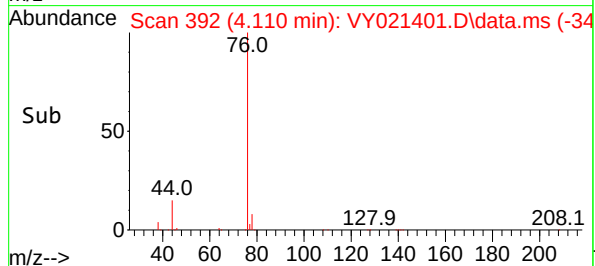
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 76 Resp: 123740
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

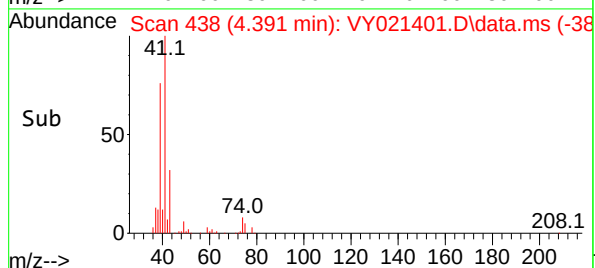
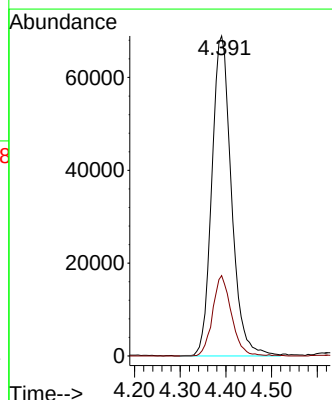
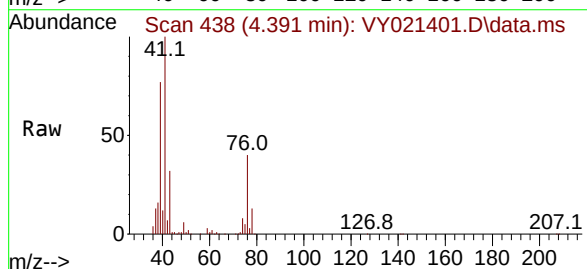
Manual Integrations
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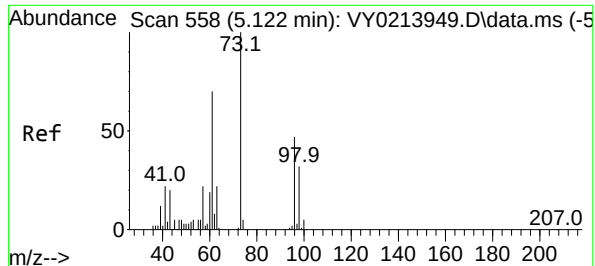
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#18
Methyl Acetate
Concen: 150.507 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

Tgt Ion: 43 Resp: 205359
Ion Ratio Lower Upper
43 100
74 24.1 19.4 29.0





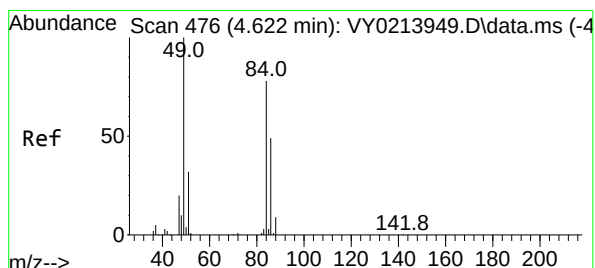
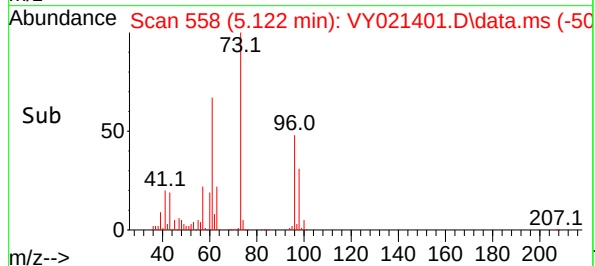
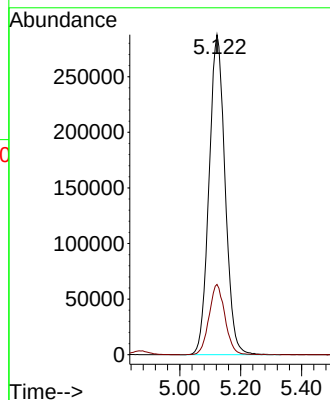
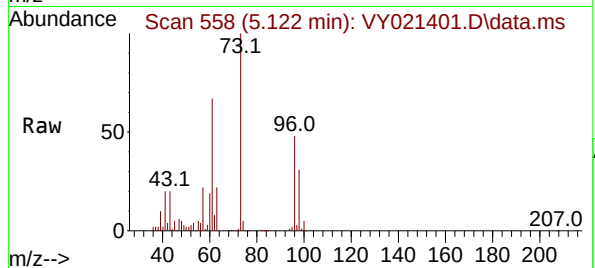
#19
Methyl tert-butyl Ether
Concen: 151.501 ug/l
RT: 5.122 min Scan# 519
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 73 Resp: 105219
Ion Ratio Lower Upper
73 100
57 22.0 17.9 26.9

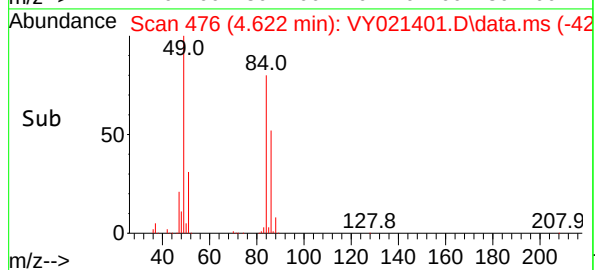
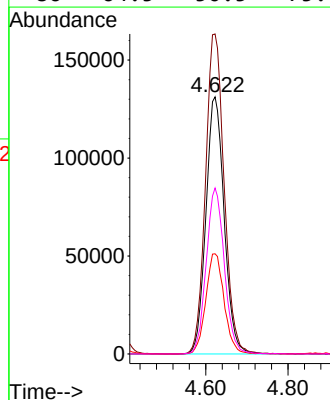
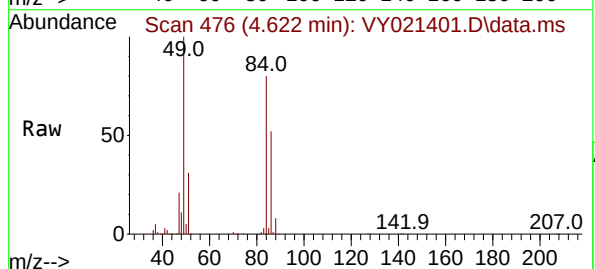
Manual Integrations
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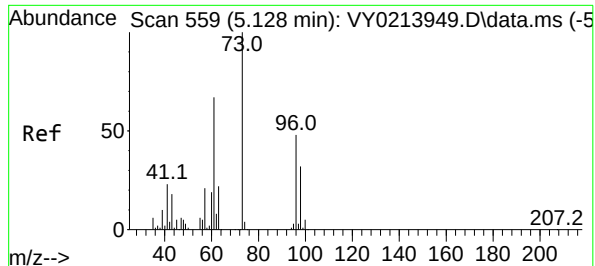
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#20
Methylene Chloride
Concen: 125.603 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

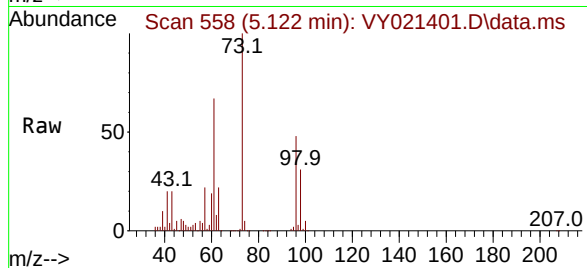
Tgt Ion: 84 Resp: 405442
Ion Ratio Lower Upper
84 100
49 124.4 102.0 153.0
51 38.9 33.0 49.6
86 64.5 50.5 75.7





#21
trans-1,2-Dichloroethene
Concen: 142.173 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

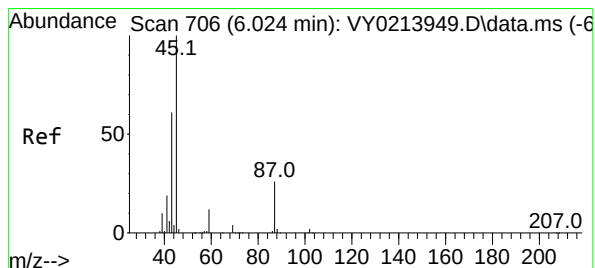
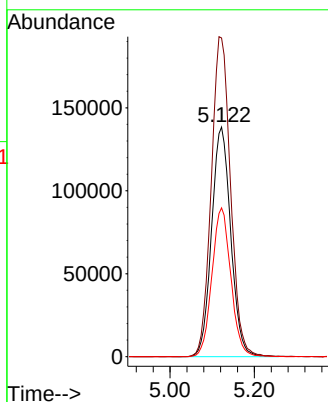
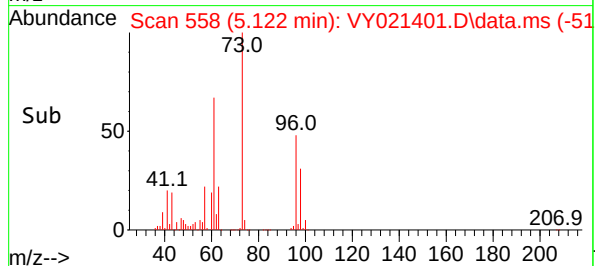
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 96 Resp: 436290
Ion Ratio Lower Upper
96 100
61 138.8 111.5 167.3
98 64.8 53.8 80.8

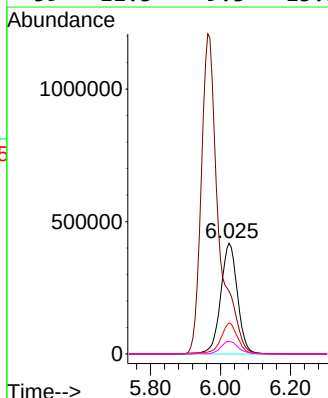
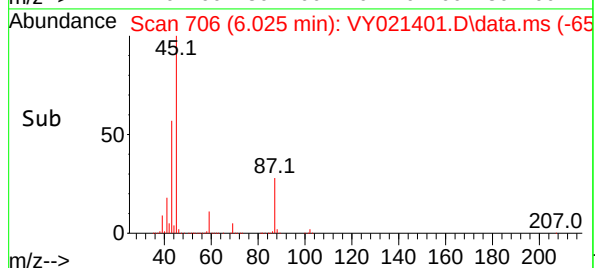
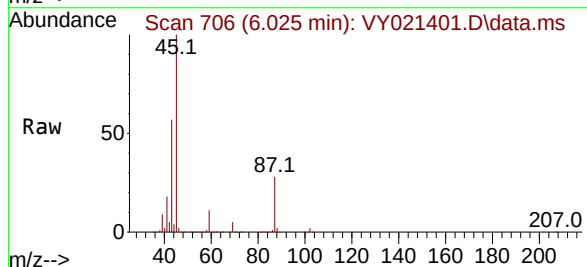
Manual Integrations
APPROVED

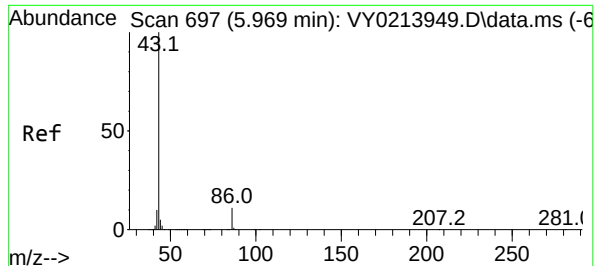
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#22
Diisopropyl ether
Concen: 145.730 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

Tgt Ion: 45 Resp: 1390733
Ion Ratio Lower Upper
45 100
43 56.6 48.7 73.1
87 28.0 21.5 32.3
59 11.3 9.3 13.9





#23

Vinyl Acetate

Concen: 760.601 ug/l

RT: 5.964 min Scan# 697

Delta R.T. -0.006 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 4142519

Ion Ratio Lower Upper

43

100

86

10.4

8.5

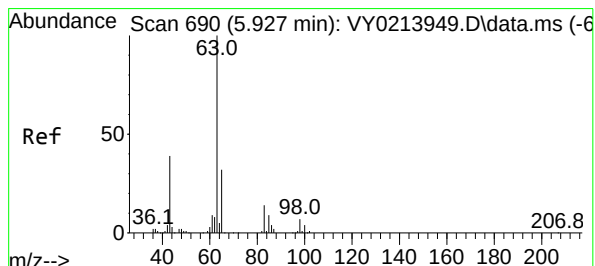
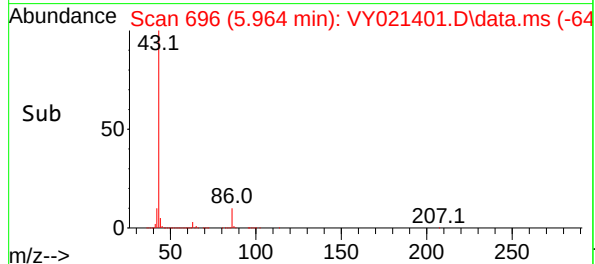
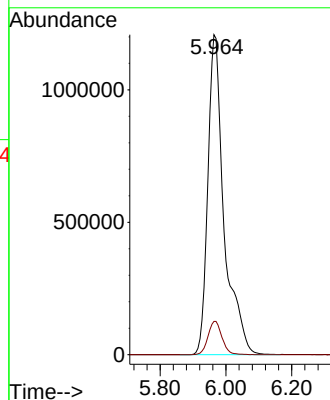
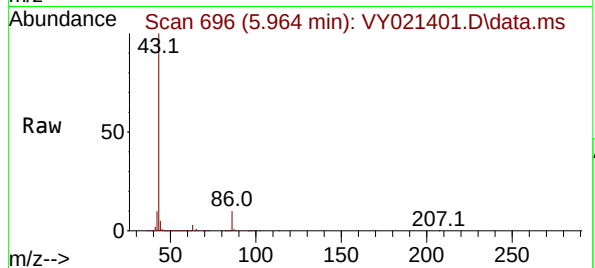
12.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#24

1,1-Dichloroethane

Concen: 140.803 ug/l

RT: 5.921 min Scan# 689

Delta R.T. -0.006 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Tgt Ion: 63 Resp: 793059

Ion Ratio Lower Upper

63

100

98

7.1

3.3

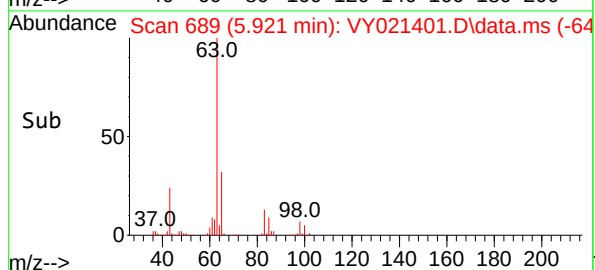
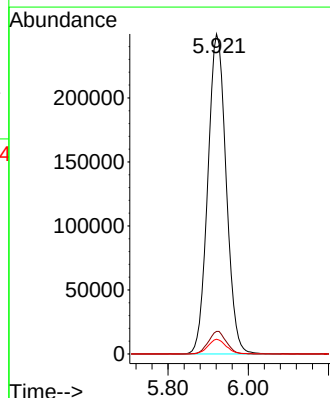
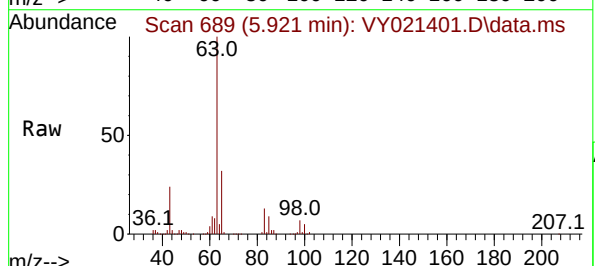
9.9

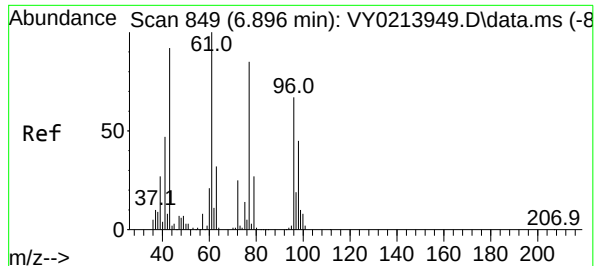
100

4.6

2.1

6.5





#25

2-Butanone

Concen: 710.631 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 604502

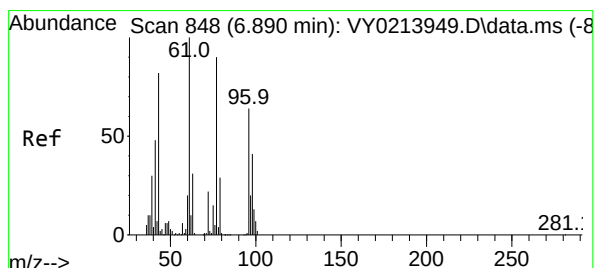
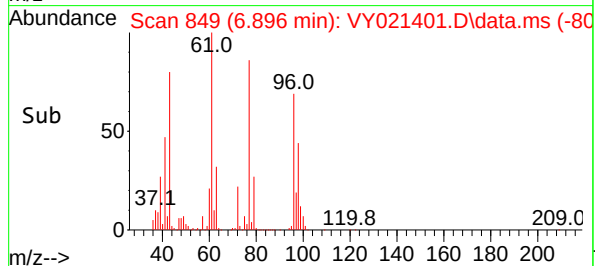
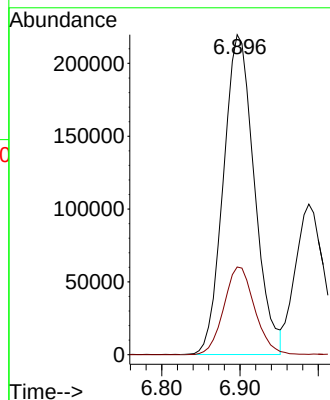
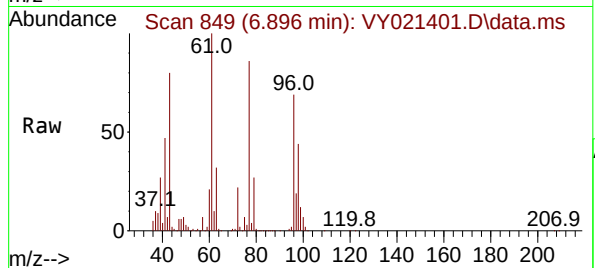
Ion Ratio Lower Upper

43 100

72 27.4 21.4 32.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#26

2,2-Dichloropropane

Concen: 142.975 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021401.D

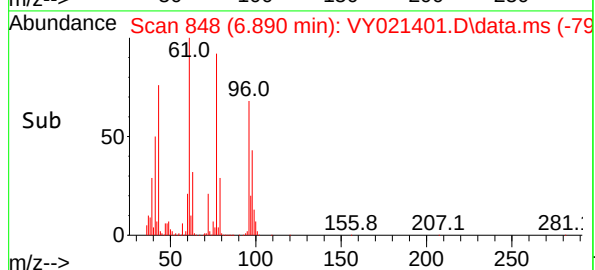
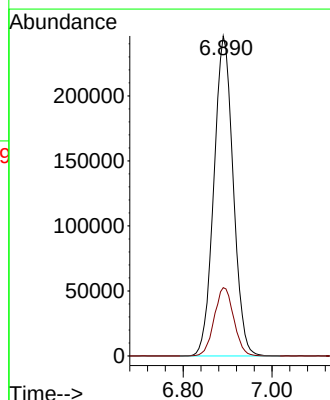
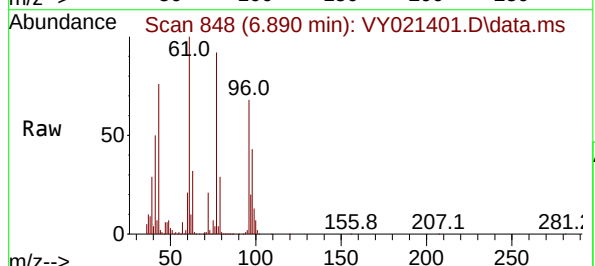
Acq: 04 Mar 2025 11:29

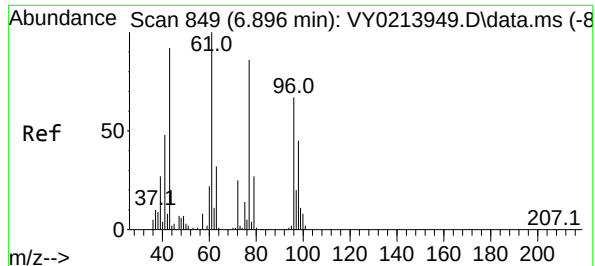
Tgt Ion: 77 Resp: 740961

Ion Ratio Lower Upper

77 100

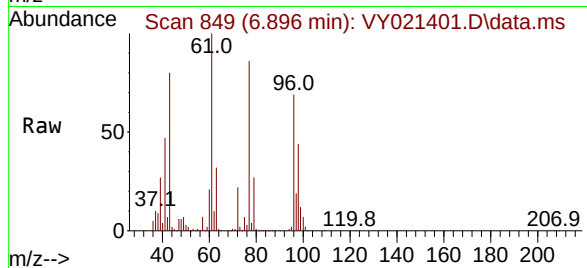
97 21.6 11.3 33.8





#27
cis-1,2-Dichloroethene
Concen: 146.639 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

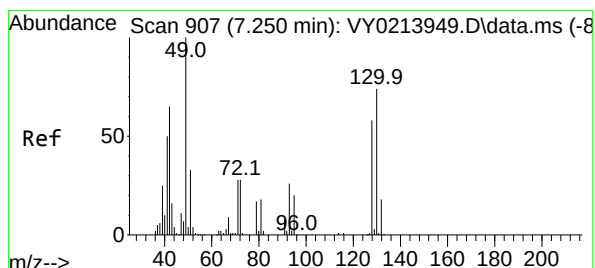
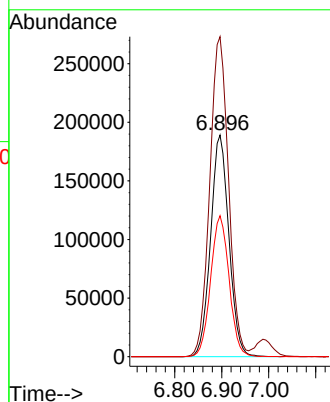
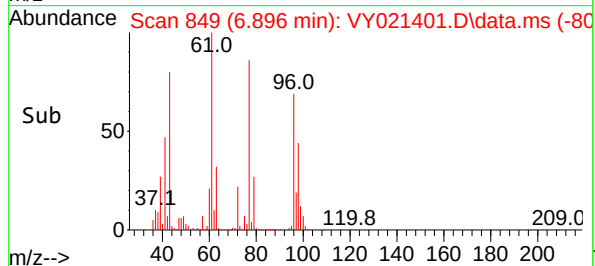
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion: 96 Resp: 51121
Ion Ratio Lower Upper
96 100
61 148.0 0.0 300.8
98 64.2 0.0 130.0

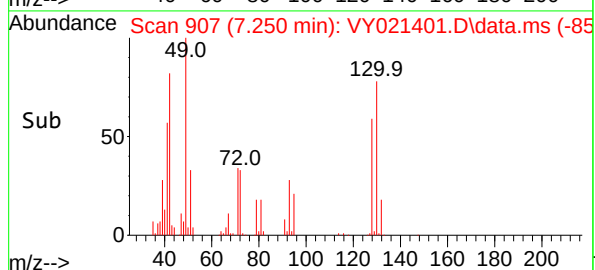
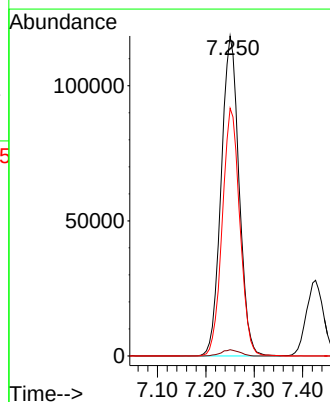
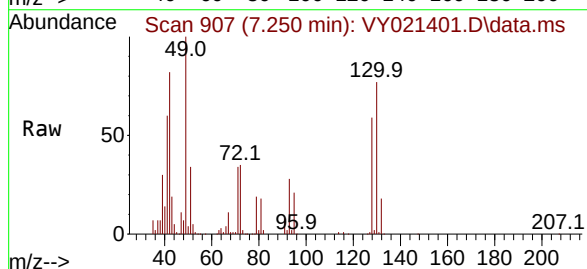
Manual Integrations
APPROVED

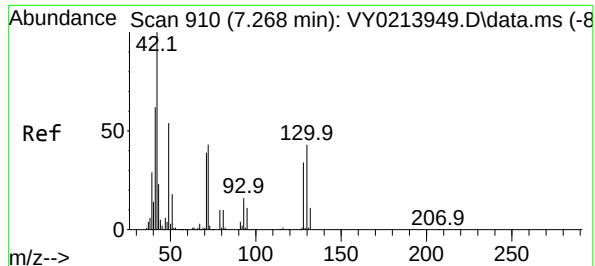
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#28
Bromochloromethane
Concen: 128.781 ug/l
RT: 7.250 min Scan# 907
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

Tgt Ion: 49 Resp: 304092
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.2
130 76.0 59.6 89.4





#29

Tetrahydrofuran

Concen: 746.729 ug/l

RT: 7.262 min Scan# 910

Delta R.T. -0.006 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 42 Resp: 392140

Ion Ratio Lower Upper

42 100

72 44.3 34.8 52.2

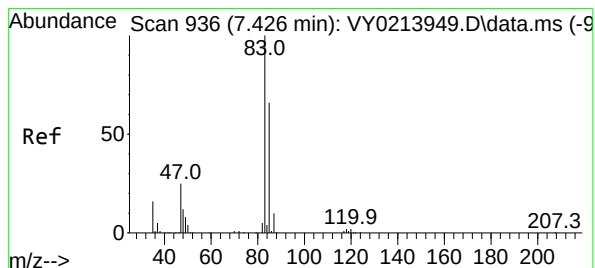
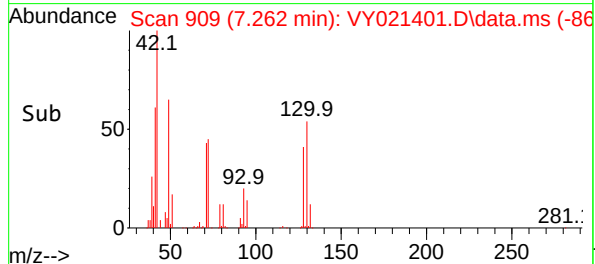
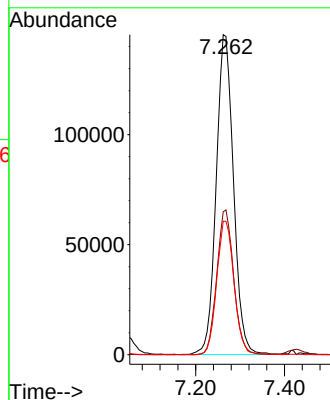
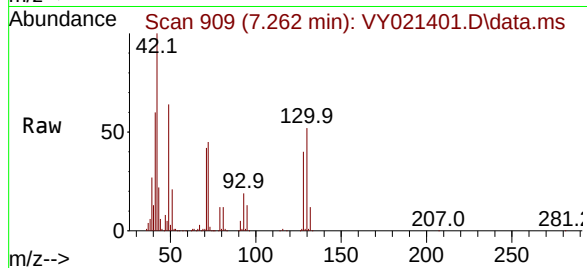
71 41.6 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#30

Chloroform

Concen: 140.790 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.000 min

Lab File: VY021401.D

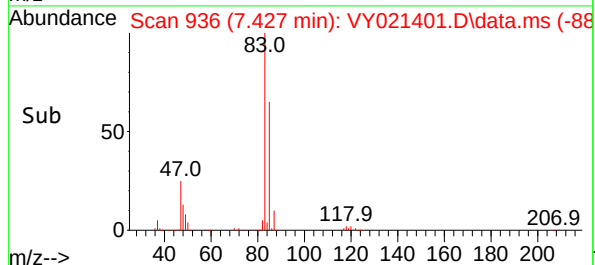
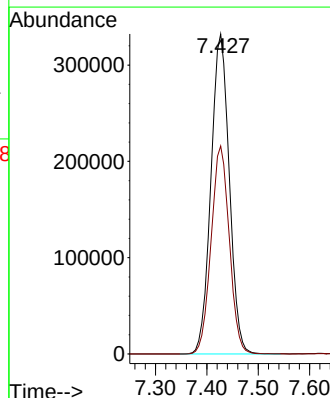
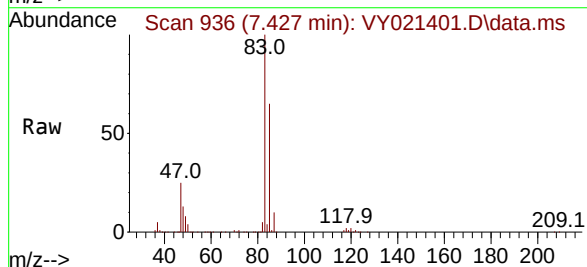
Acq: 04 Mar 2025 11:29

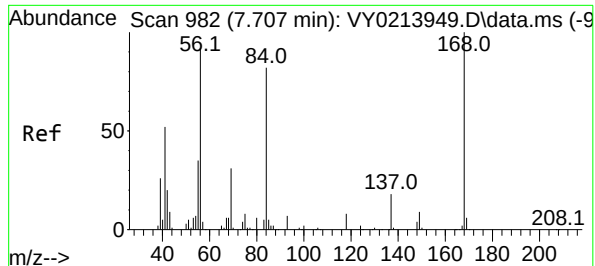
Tgt Ion: 83 Resp: 823431

Ion Ratio Lower Upper

83 100

85 65.0 53.1 79.7





#31

Cyclohexane

Concen: 138.566 ug/l

RT: 7.707 min Scan# 982

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 56 Resp: 731684

Ion Ratio Lower Upper

56 100

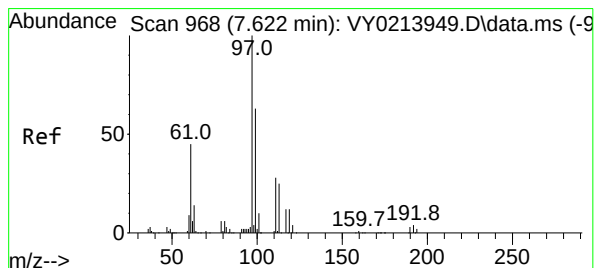
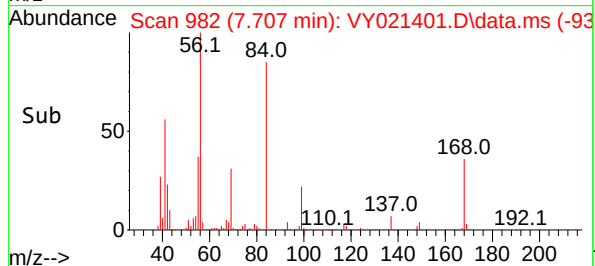
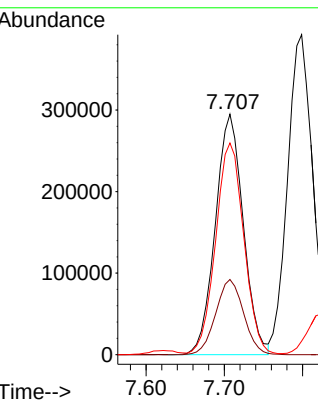
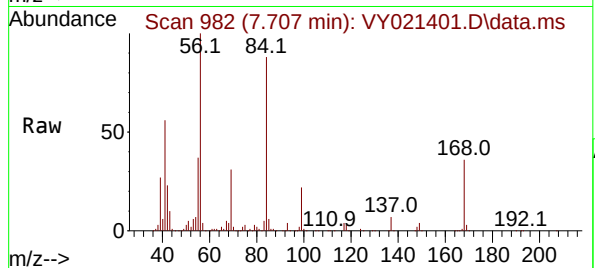
69 31.3 27.0 40.4

84 86.5 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
 Supervised By :Semsettin Yesilyurt 03/06/2025



#32

1,1,1-Trichloroethane

Concen: 142.442 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

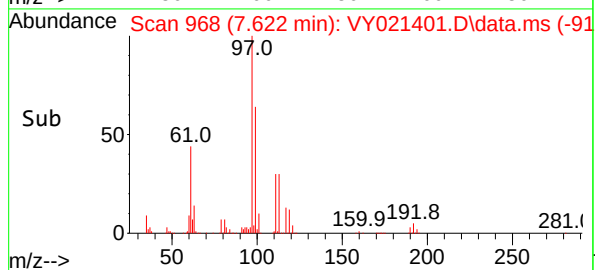
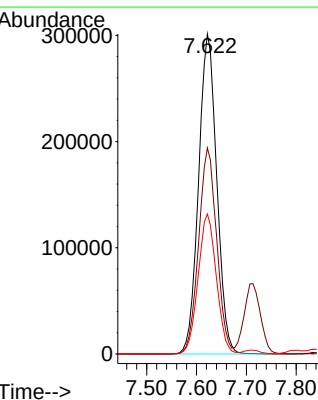
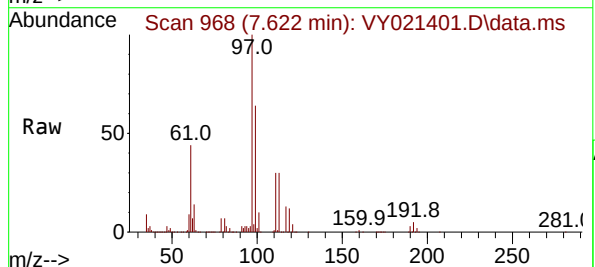
Tgt Ion: 97 Resp: 762807

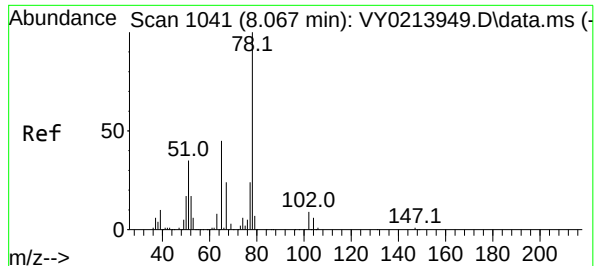
Ion Ratio Lower Upper

97 100

99 64.0 51.7 77.5

61 43.9 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 135.494 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 65 Resp: 382010

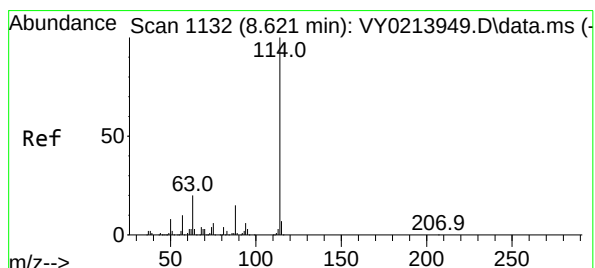
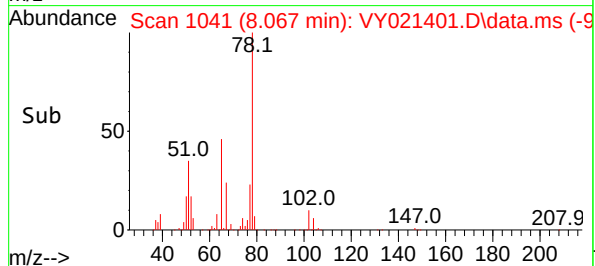
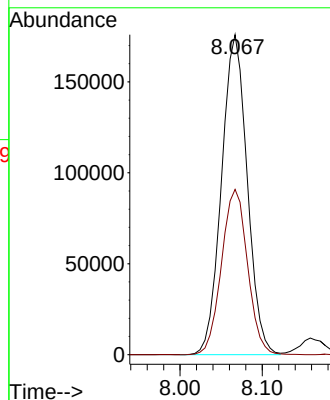
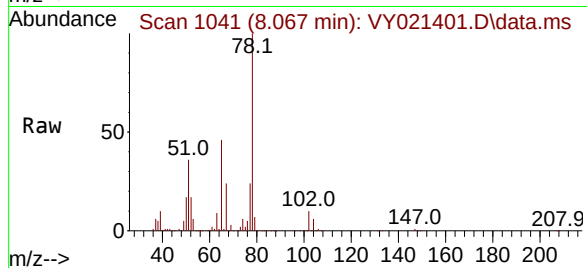
Ion Ratio Lower Upper

65 100

67 52.3 0.0 102.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

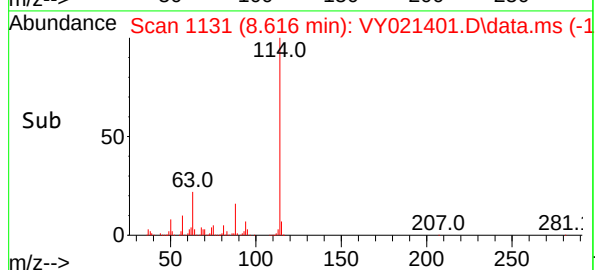
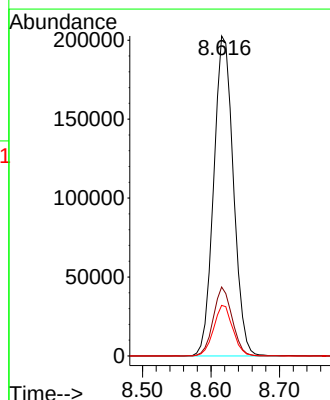
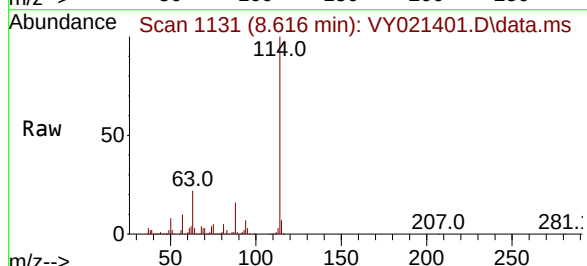
Tgt Ion:114 Resp: 403017

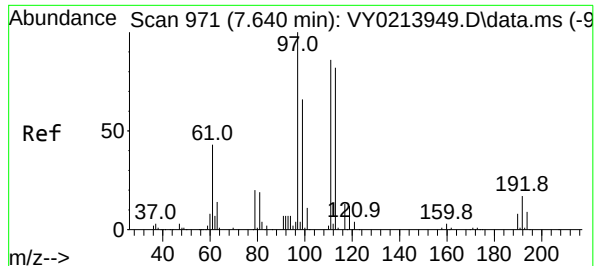
Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.8

88 15.8 0.0 30.8





#35

Dibromofluoromethane

Concen: 142.080 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion:113 Resp: 37638

Ion Ratio Lower Upper

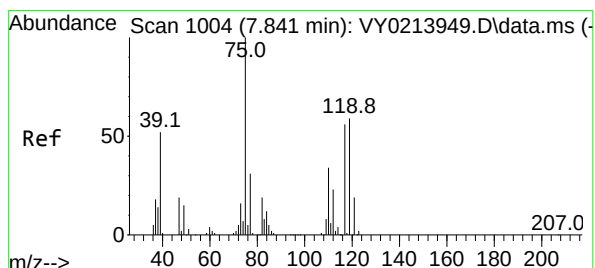
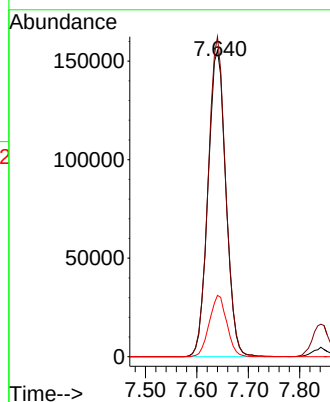
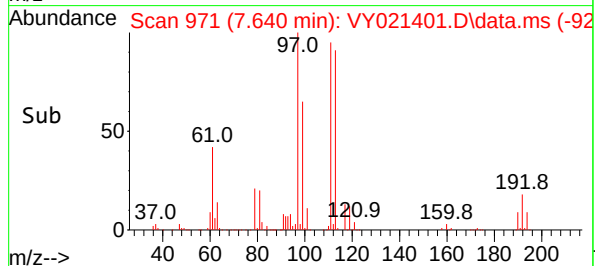
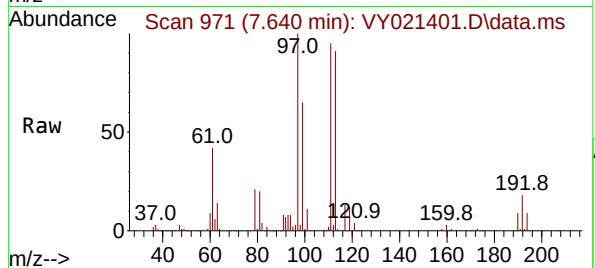
113 100

111 102.5 82.0 123.0

192 19.6 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#36

1,1-Dichloropropene

Concen: 147.009 ug/l

RT: 7.841 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

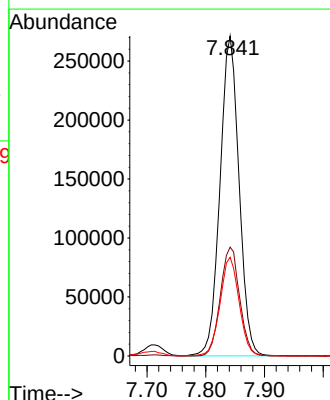
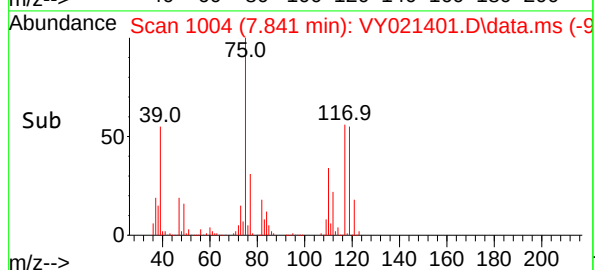
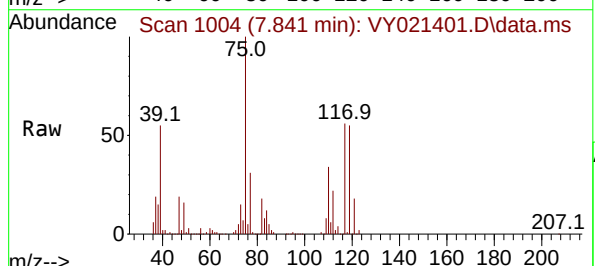
Tgt Ion: 75 Resp: 609596

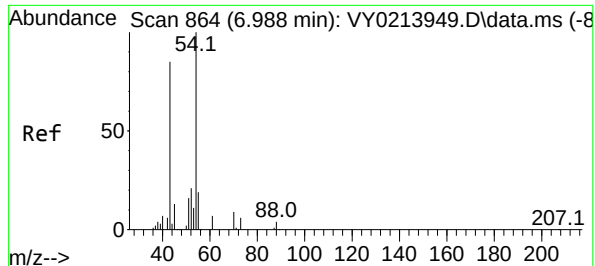
Ion Ratio Lower Upper

75 100

110 34.5 17.3 51.7

77 31.1 25.4 38.2





#37

Ethyl Acetate

Concen: 145.189 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 271579

Ion Ratio Lower Upper

43 100

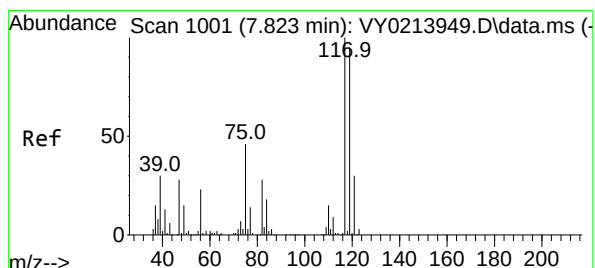
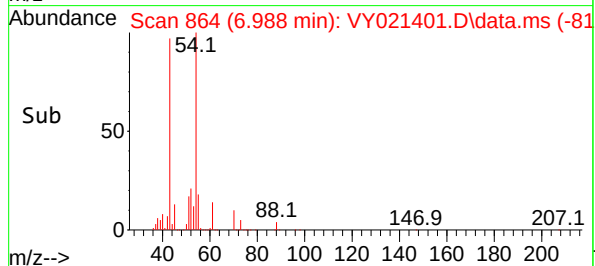
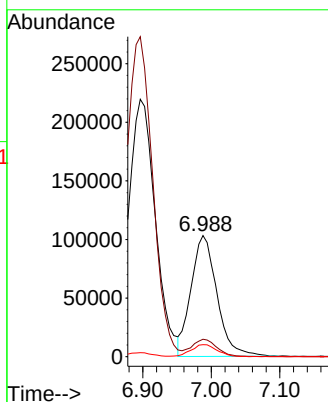
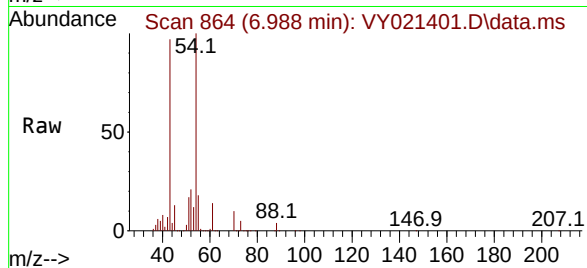
61 13.8 11.4 17.0

70 10.1 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#38

Carbon Tetrachloride

Concen: 146.916 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

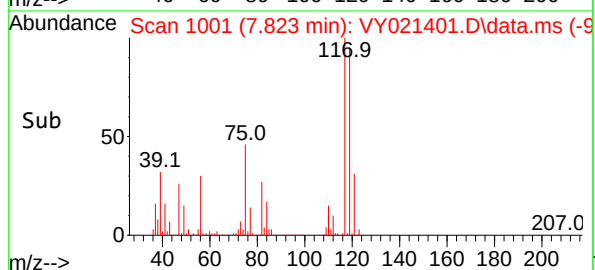
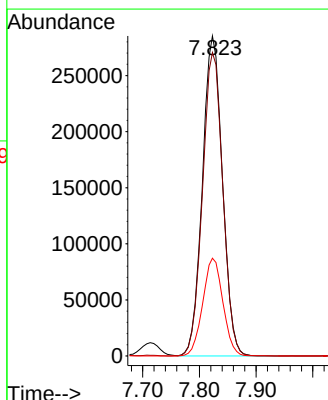
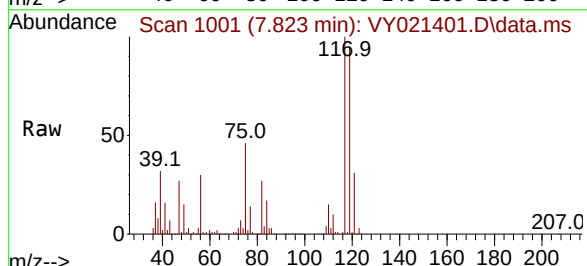
Tgt Ion:117 Resp: 700638

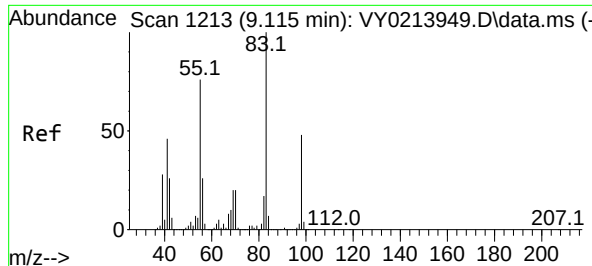
Ion Ratio Lower Upper

117 100

119 94.8 75.8 113.8

121 30.6 23.9 35.9





#39

Methylcyclohexane

Concen: 158.954 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 83 Resp: 80849

Ion Ratio Lower Upper

83 100

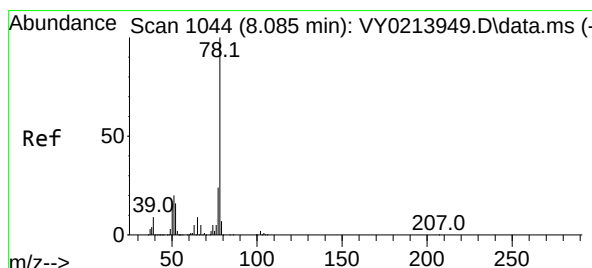
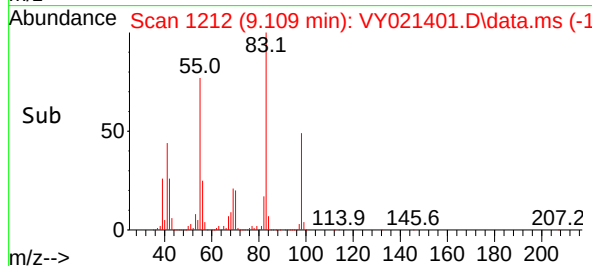
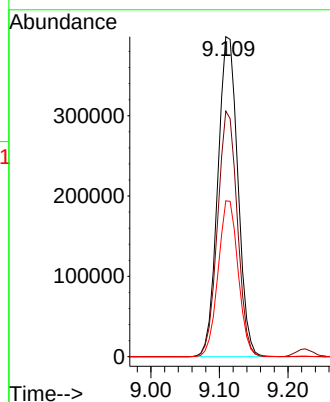
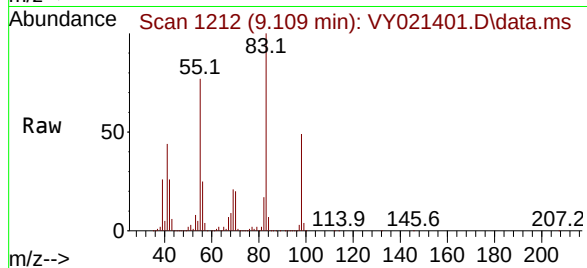
55 76.7 60.7 91.1

98 48.7 38.6 57.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#40

Benzene

Concen: 145.818 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VY021401.D

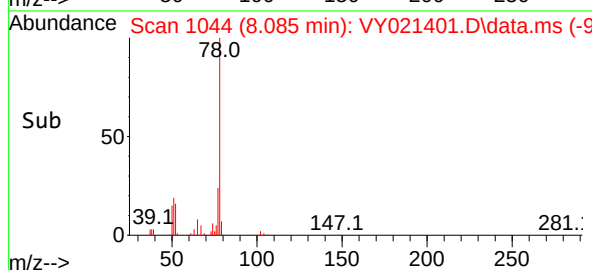
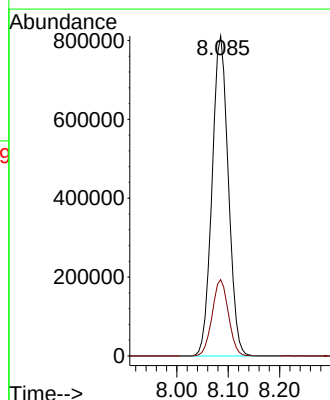
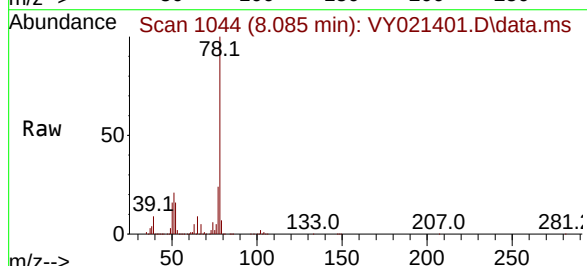
Acq: 04 Mar 2025 11:29

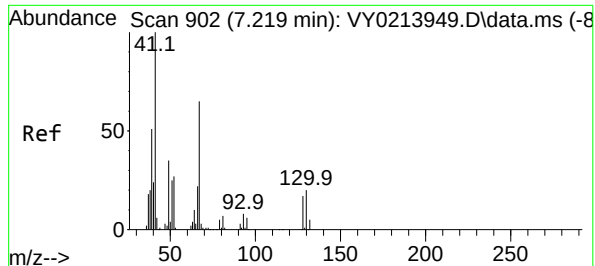
Tgt Ion: 78 Resp: 1781188

Ion Ratio Lower Upper

78 100

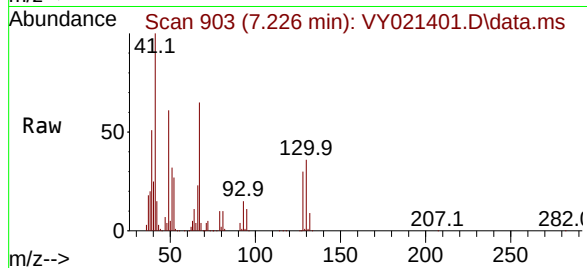
77 23.8 19.0 28.4





#41
Methacrylonitrile
Concen: 147.676 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

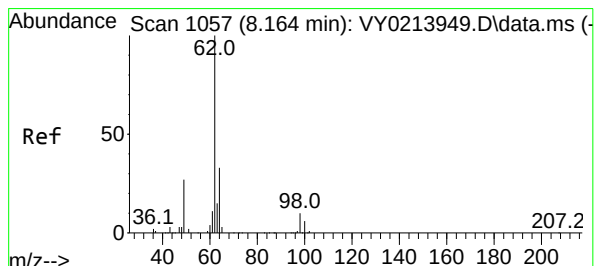
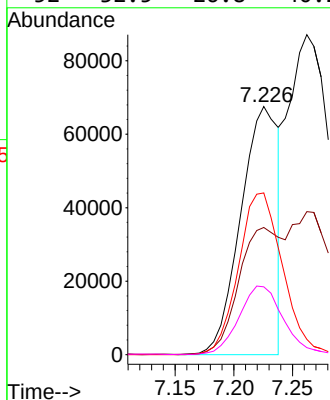
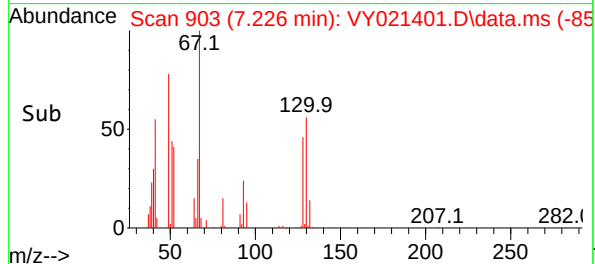
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 41 Resp: 150458
Ion Ratio Lower Upper
41 100
39 61.1 35.0 52.6
67 76.9 61.2 91.8
52 32.5 26.8 40.2

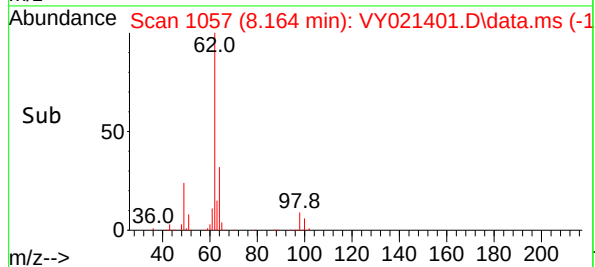
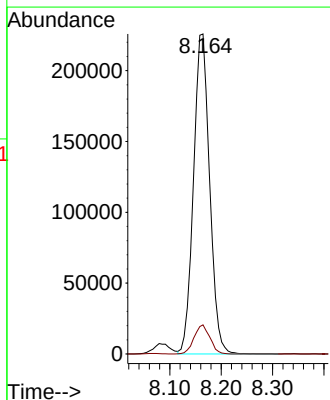
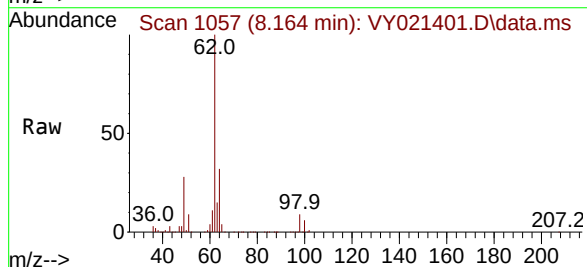
Manual Integrations
APPROVED

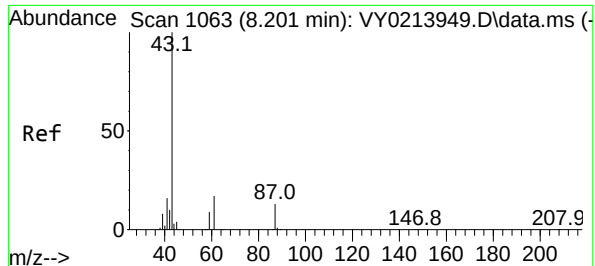
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#42
1,2-Dichloroethane
Concen: 144.299 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

Tgt Ion: 62 Resp: 493103
Ion Ratio Lower Upper
62 100
98 8.9 0.0 18.2





#43

Isopropyl Acetate

Concen: 156.557 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 557010

Ion Ratio Lower Upper

43 100

61 28.8 23.4 35.0

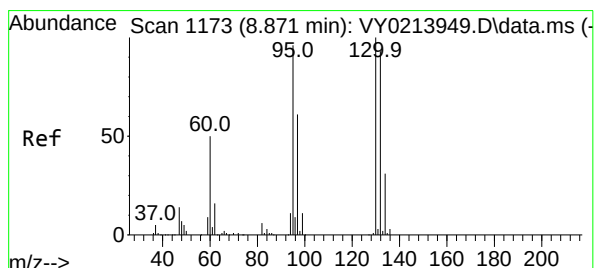
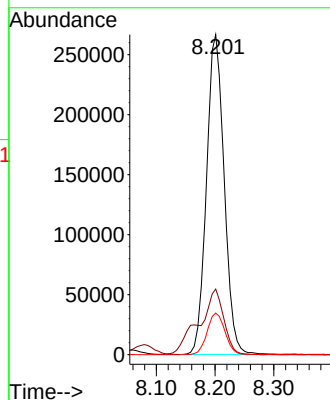
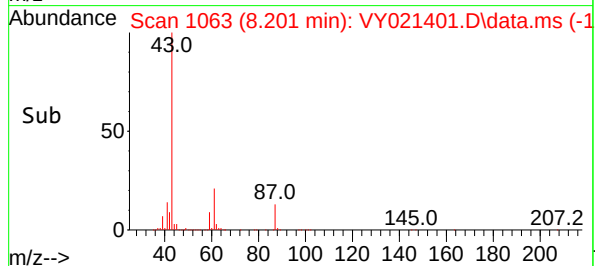
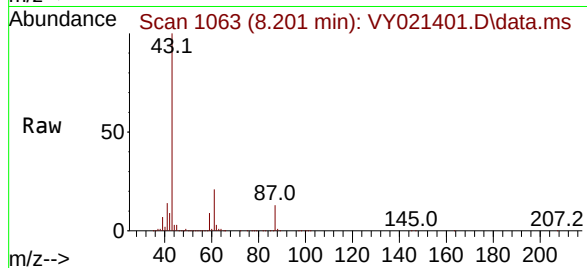
87 13.2 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#44

Trichloroethene

Concen: 148.000 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. -0.006 min

Lab File: VY021401.D

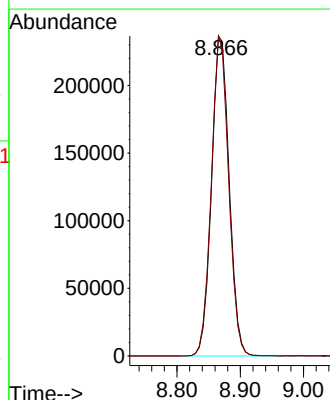
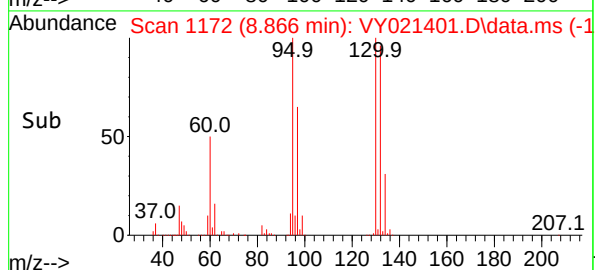
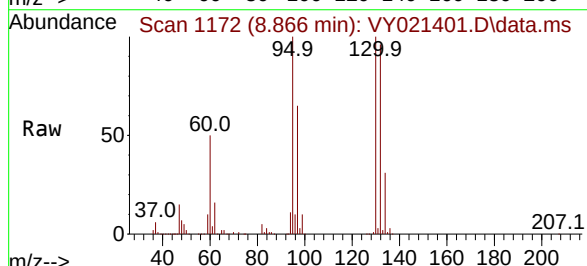
Acq: 04 Mar 2025 11:29

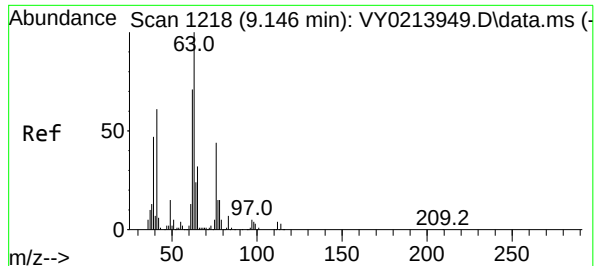
Tgt Ion:130 Resp: 456841

Ion Ratio Lower Upper

130 100

95 99.9 0.0 191.6





#45

1,2-Dichloropropane

Concen: 144.273 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 63 Resp: 41943

Ion Ratio Lower Upper

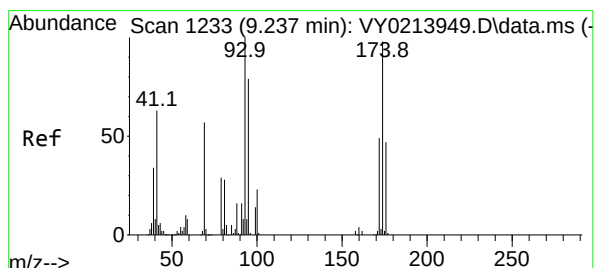
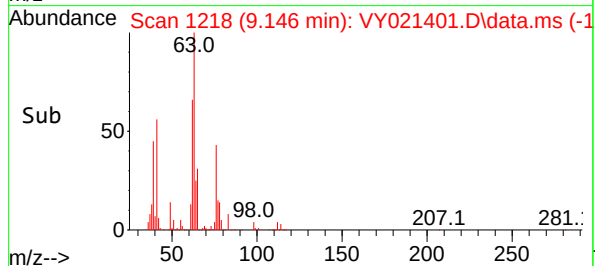
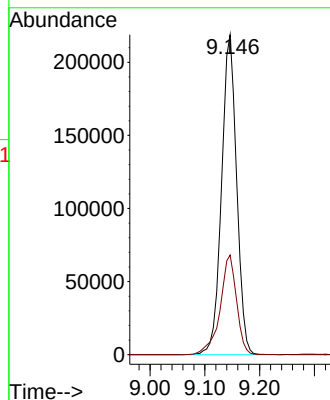
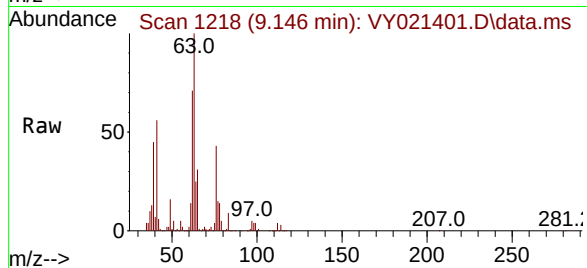
63 100

65 31.1 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#46

Dibromomethane

Concen: 148.107 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

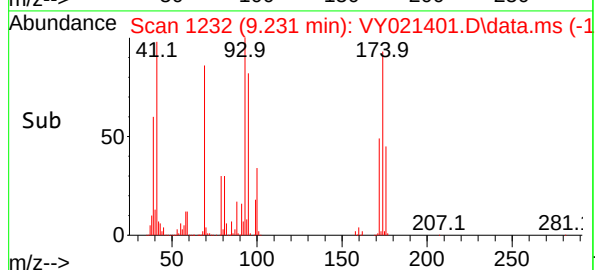
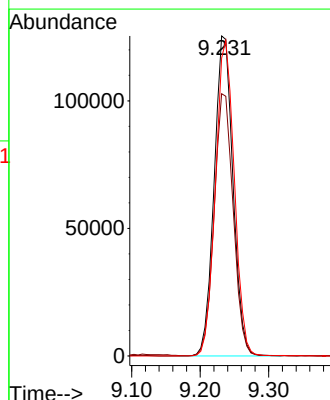
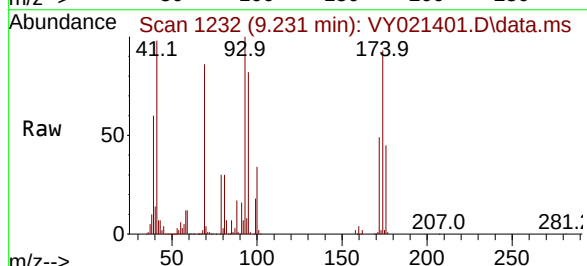
Tgt Ion: 93 Resp: 239577

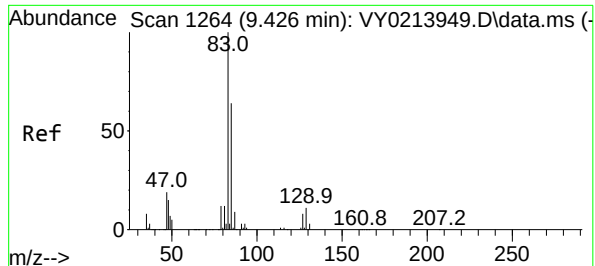
Ion Ratio Lower Upper

93 100

95 82.7 65.8 98.8

174 98.4 77.9 116.9





#47

Bromodichloromethane

Concen: 146.641 ug/l

RT: 9.426 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

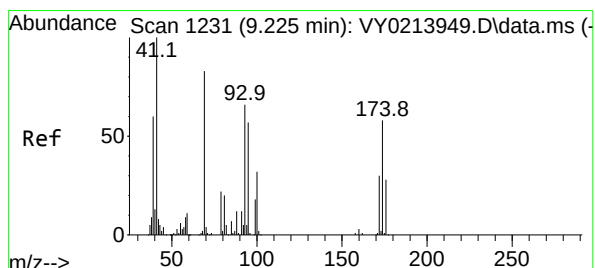
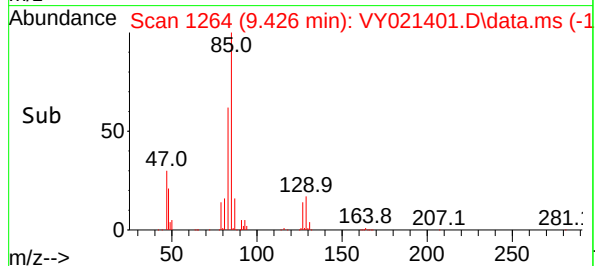
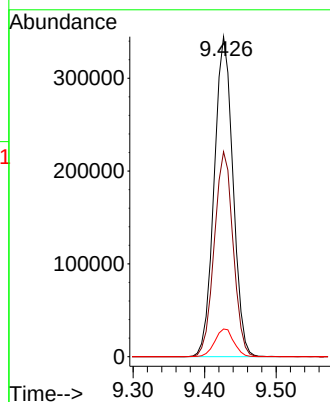
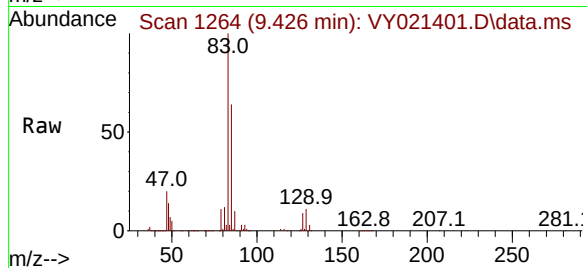
VSTDIC150

Tgt Ion: 83	Resp: 62994
Ion Ratio	Lower Upper
83 100	
85 64.1	51.1 76.7
127 8.6	6.7 10.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#48

Methyl methacrylate

Concen: 162.482 ug/l

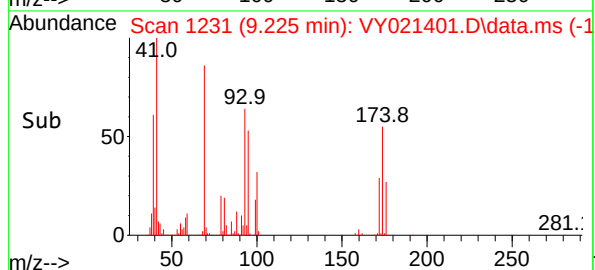
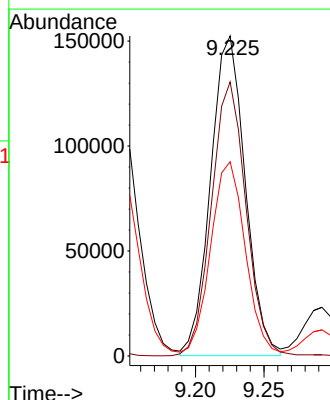
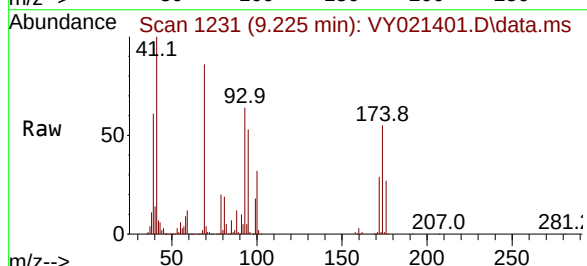
RT: 9.225 min Scan# 1231

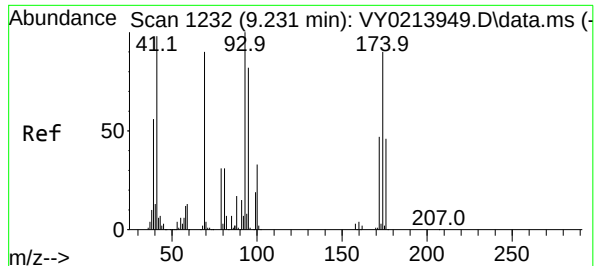
Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Tgt Ion: 41	Resp: 268043
Ion Ratio	Lower Upper
41 100	
69 85.6	67.8 101.8
39 58.7	46.4 69.6





#49

1,4-Dioxane

Concen: 3238.027 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 88 Resp: 5141

Ion Ratio Lower Upper

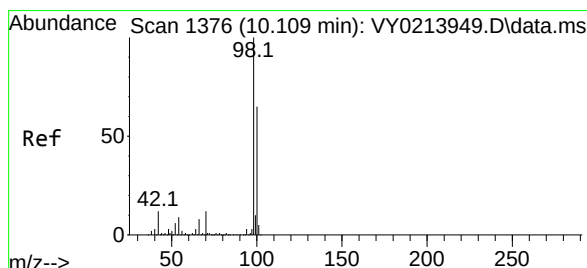
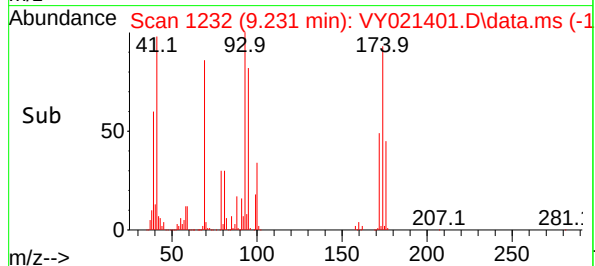
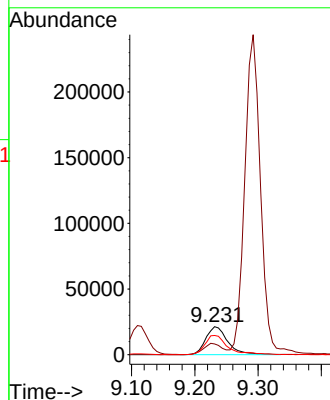
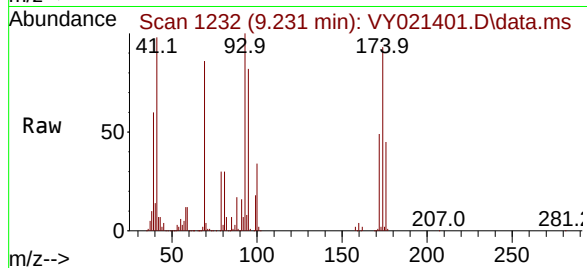
88 100

43 33.1 25.0 37.4

58 71.8 58.4 87.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#50

Toluene-d8

Concen: 144.978 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021401.D

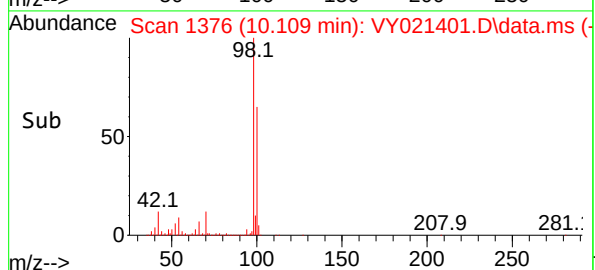
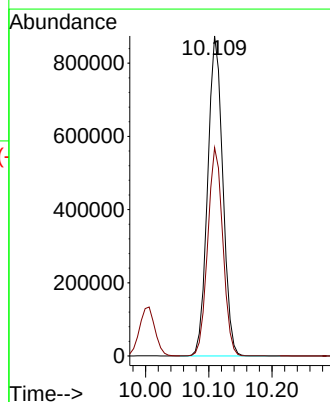
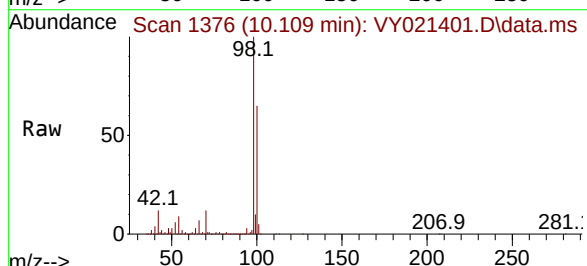
Acq: 04 Mar 2025 11:29

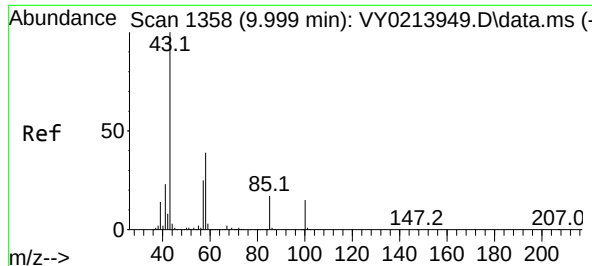
Tgt Ion: 98 Resp: 1454175

Ion Ratio Lower Upper

98 100

100 64.9 52.1 78.1





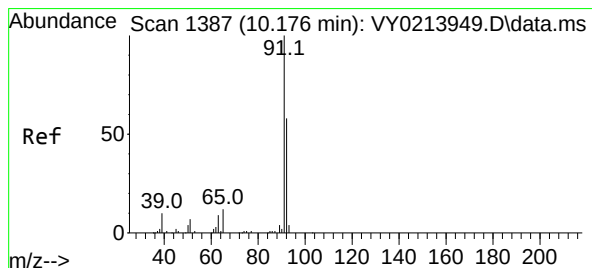
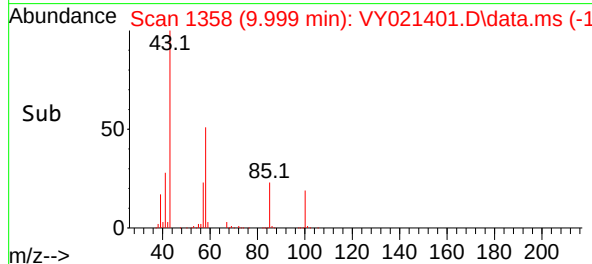
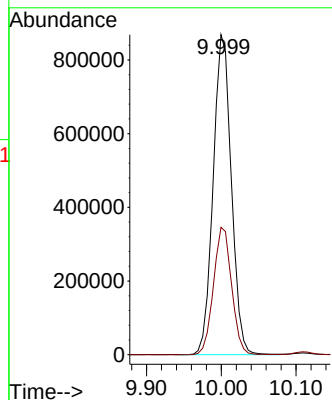
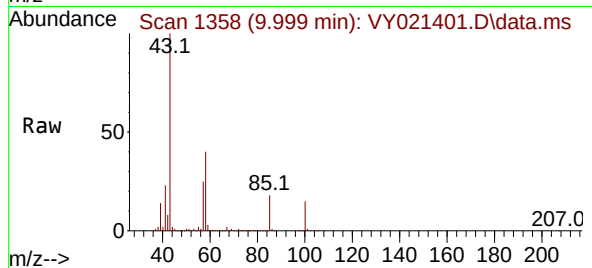
#51
4-Methyl-2-Pentanone
Concen: 800.119 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 146881
Ion Ratio Lower Upper
43 100
58 39.8 31.4 47.2

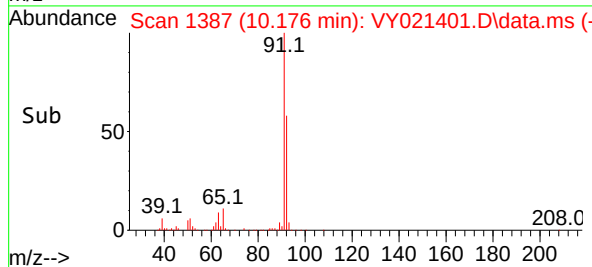
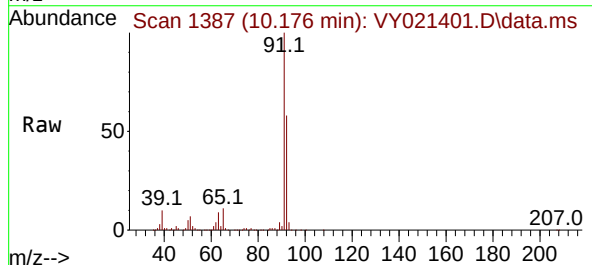
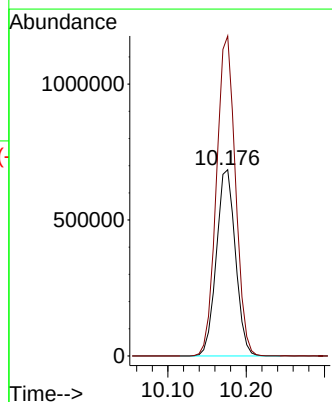
Manual Integrations
APPROVED

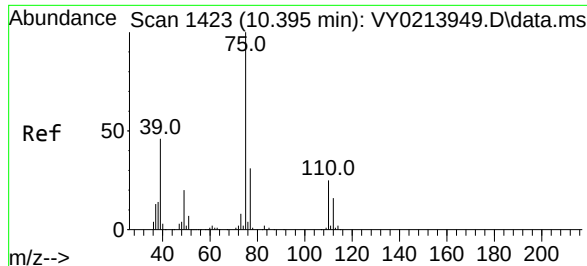
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#52
Toluene
Concen: 150.411 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

Tgt Ion: 92 Resp: 1158338
Ion Ratio Lower Upper
92 100
91 171.2 138.2 207.2





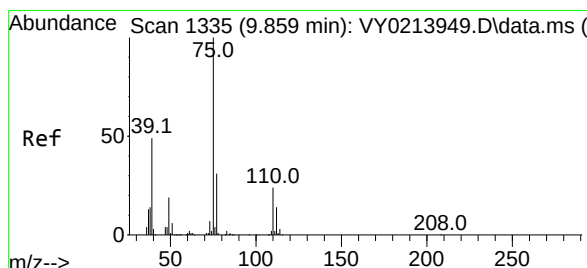
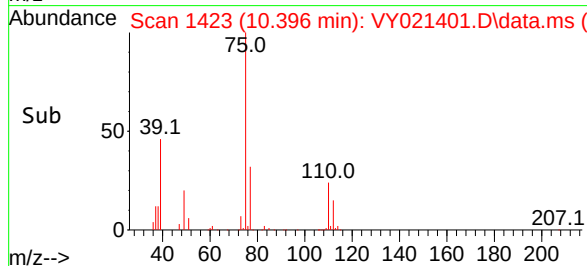
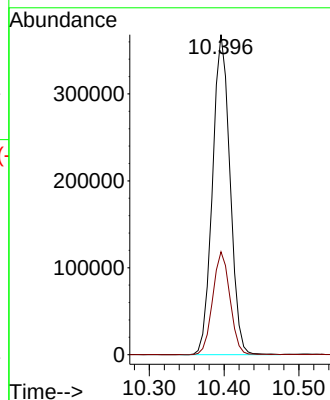
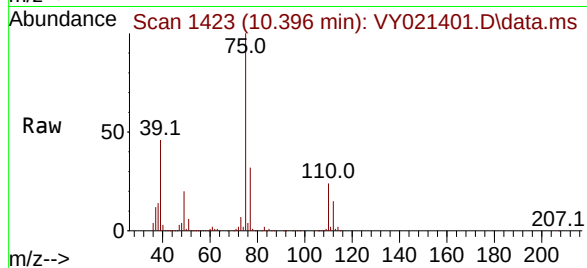
#53
t-1,3-Dichloropropene
Concen: 158.120 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 598438
Ion Ratio Lower Upper
75 100
77 32.1 25.0 37.6

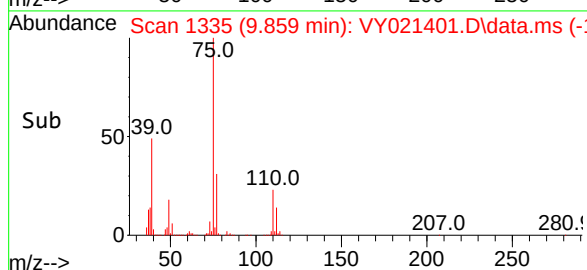
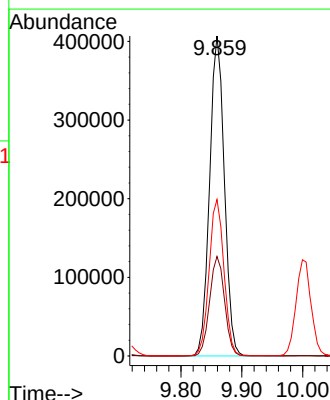
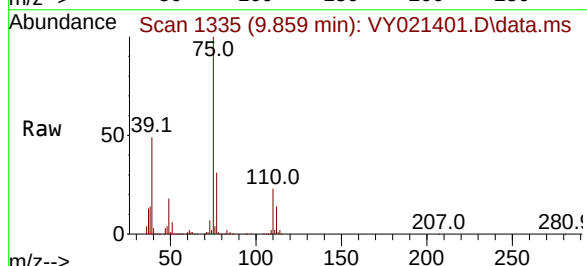
Manual Integrations
APPROVED

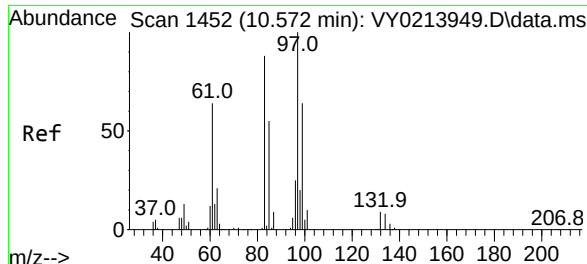
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#54
cis-1,3-Dichloropropene
Concen: 152.359 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

Tgt Ion: 75 Resp: 684617
Ion Ratio Lower Upper
75 100
77 31.1 24.6 37.0
39 48.9 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 146.586 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 310174

Ion Ratio Lower Upper

97 100

83 86.4 70.0 105.0

85 56.1 44.3 66.5

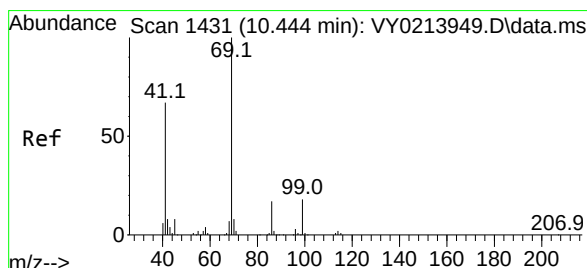
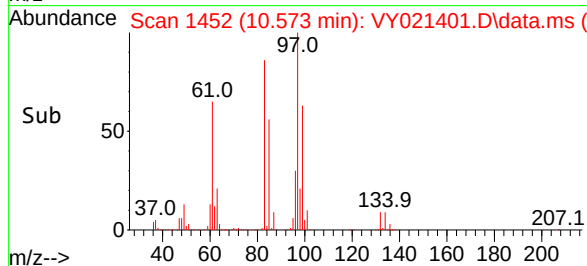
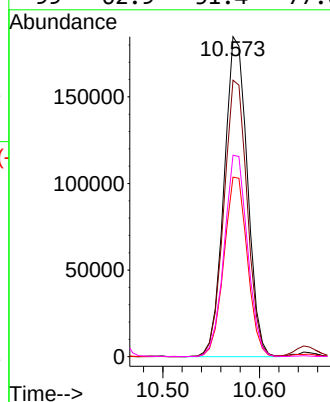
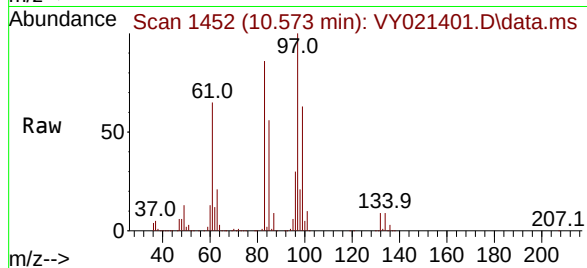
99 62.9 51.4 77.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#56

Ethyl methacrylate

Concen: 172.939 ug/l

RT: 10.444 min Scan# 1431

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

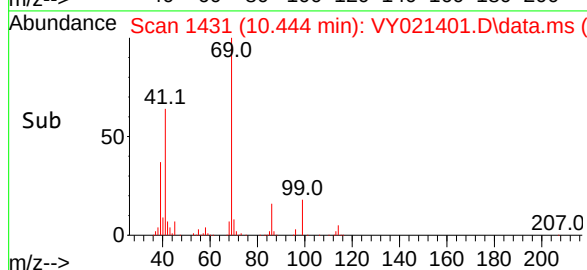
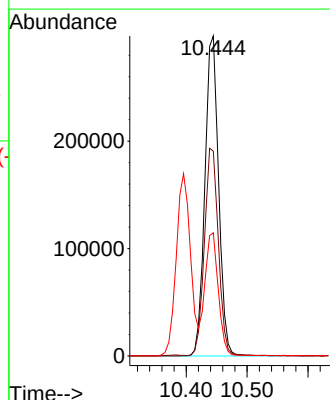
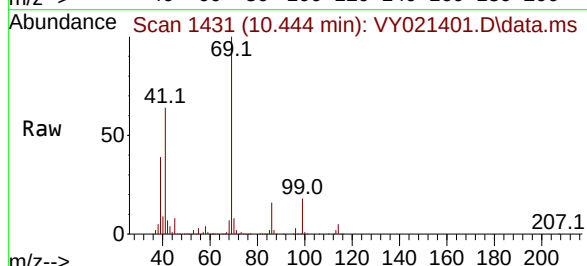
Tgt Ion: 69 Resp: 466697

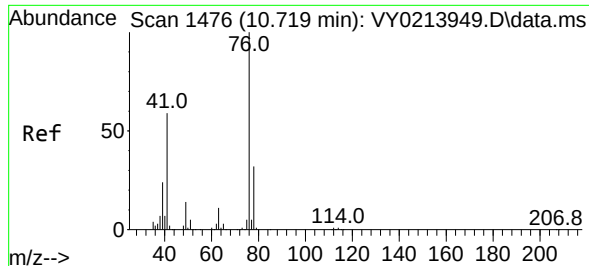
Ion Ratio Lower Upper

69 100

41 65.8 53.3 79.9

39 37.5 31.0 46.6





#57

1,3-Dichloropropane

Concen: 148.802 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 76 Resp: 54571

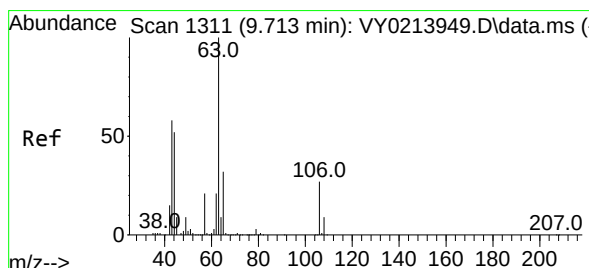
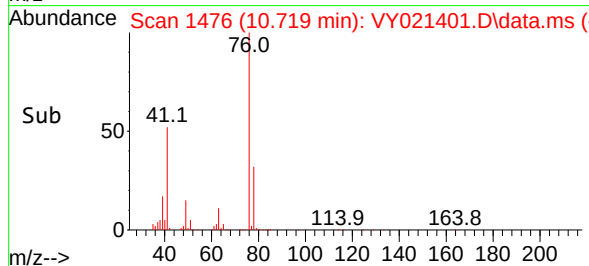
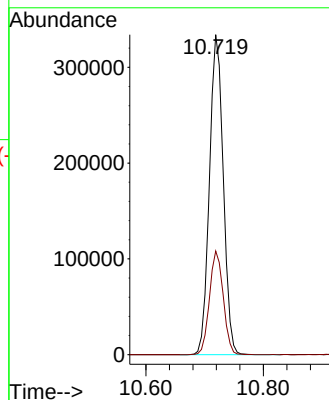
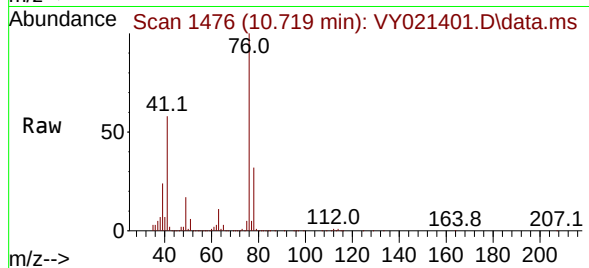
Ion Ratio Lower Upper

76 100

78 32.3 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#58

2-Chloroethyl Vinyl ether

Concen: 878.264 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021401.D

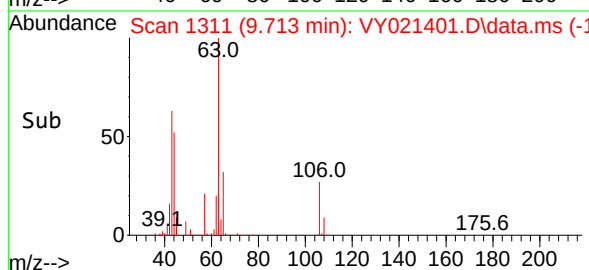
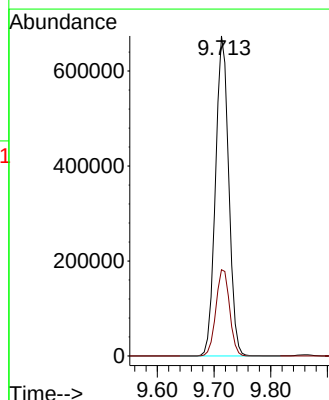
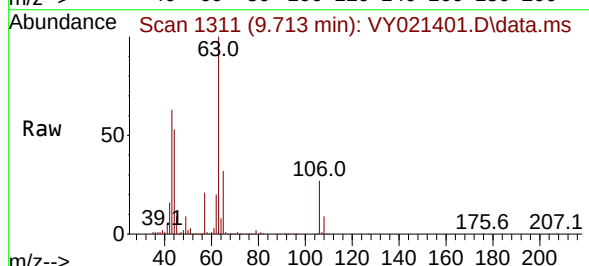
Acq: 04 Mar 2025 11:29

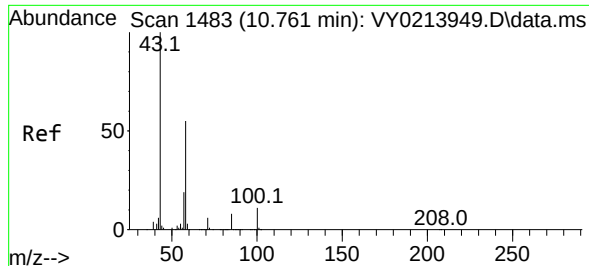
Tgt Ion: 63 Resp: 1094099

Ion Ratio Lower Upper

63 100

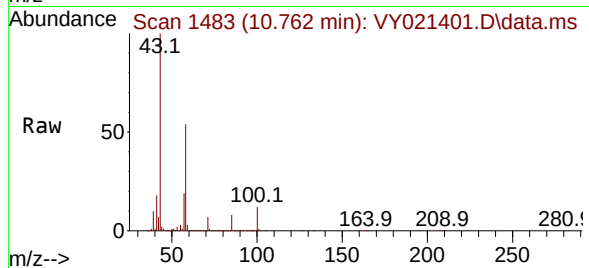
106 27.9 22.1 33.1





#59
2-Hexanone
Concen: 810.617 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

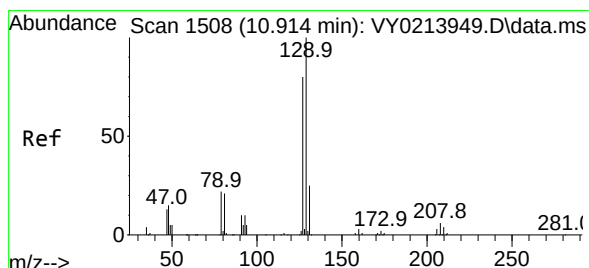
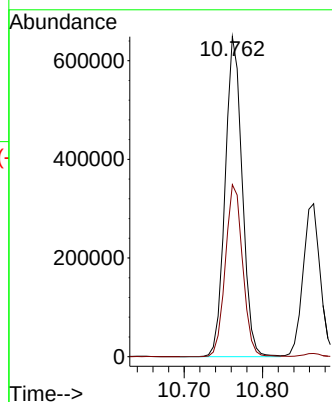
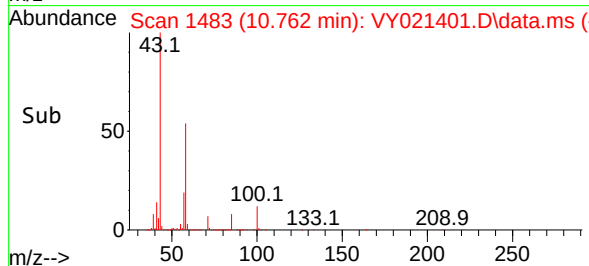
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 983959
Ion Ratio Lower Upper
43 100
58 54.6 27.3 81.8

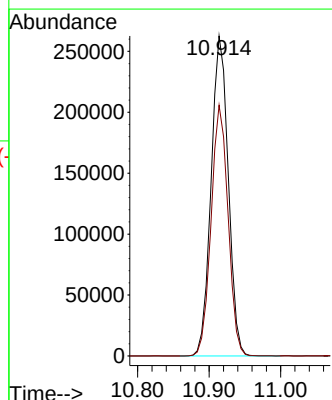
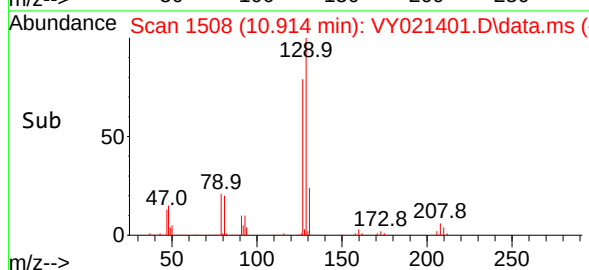
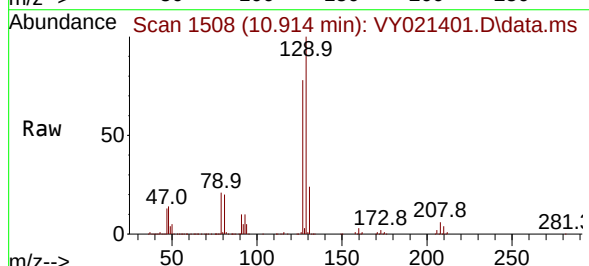
Manual Integrations
APPROVED

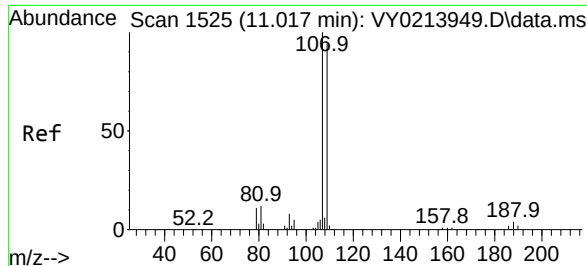
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#60
Dibromochloromethane
Concen: 150.595 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

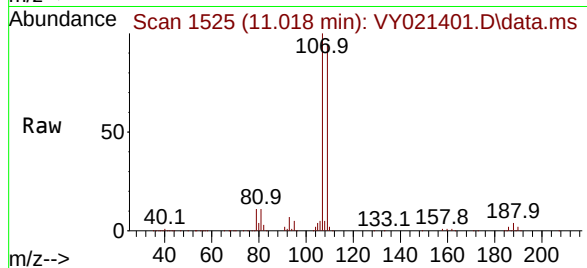
Tgt Ion:129 Resp: 436855
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.3





#61
1,2-Dibromoethane
Concen: 149.635 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

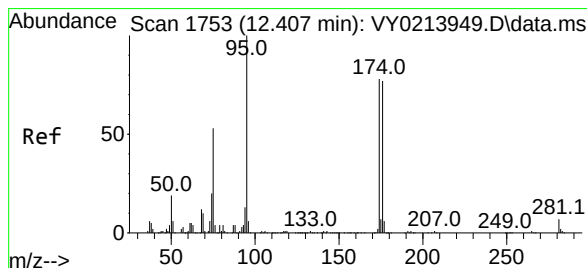
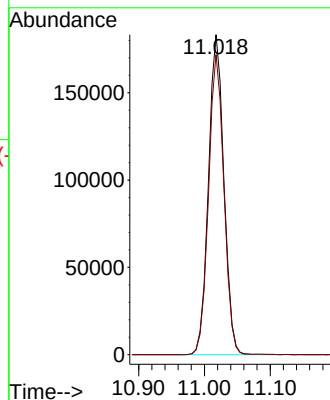
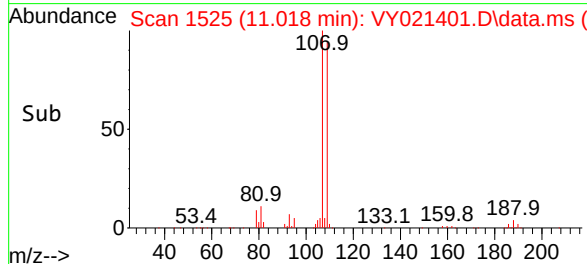
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion:107 Resp: 29882
Ion Ratio Lower Upper
107 100
109 93.3 75.8 113.8

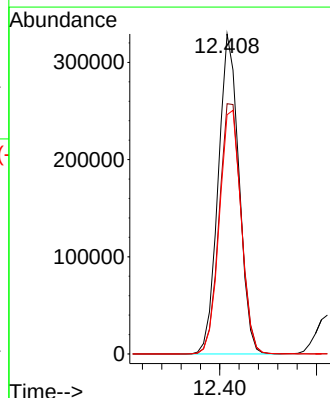
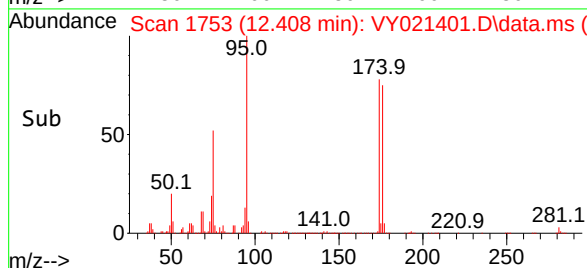
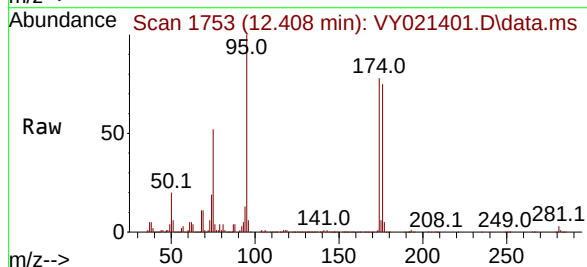
Manual Integrations
APPROVED

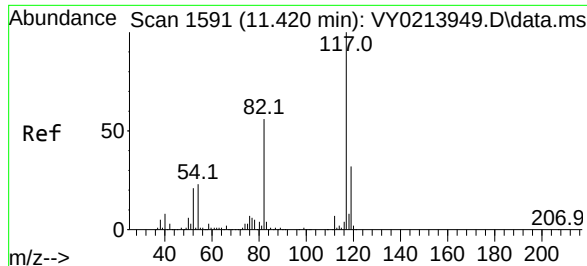
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#62
4-Bromofluorobenzene
Concen: 143.450 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

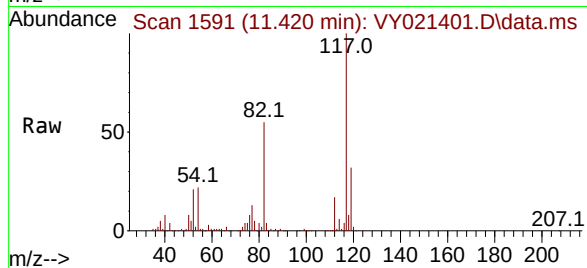
Tgt Ion: 95 Resp: 489437
Ion Ratio Lower Upper
95 100
174 82.7 0.0 165.0
176 79.9 0.0 160.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

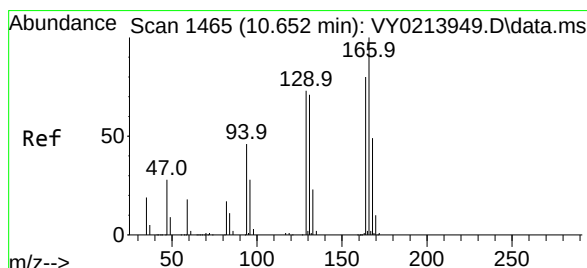
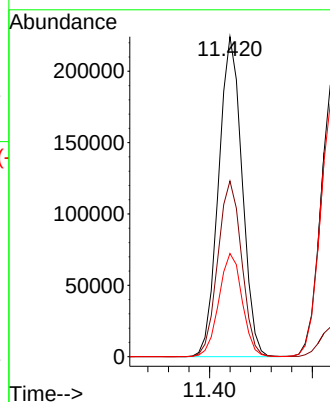
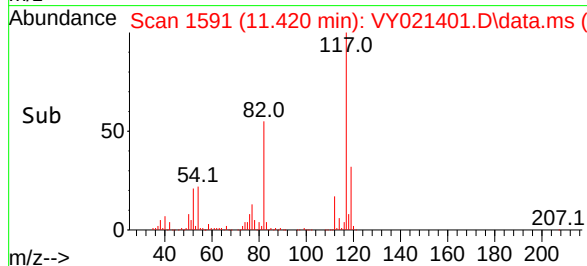
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion:117 Resp: 355825
Ion Ratio Lower Upper
117 100
82 54.8 44.6 67.0
119 32.2 25.4 38.0

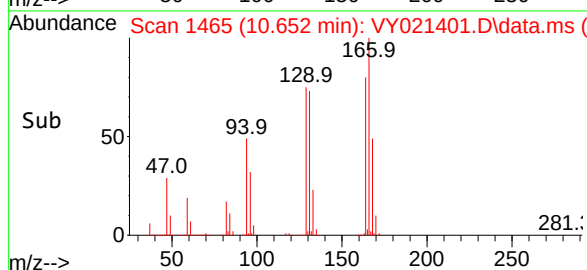
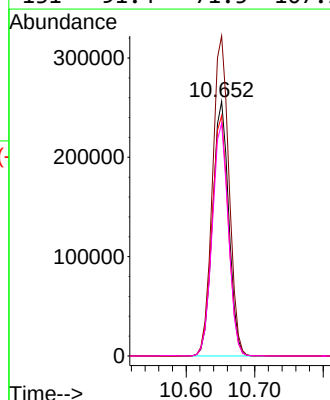
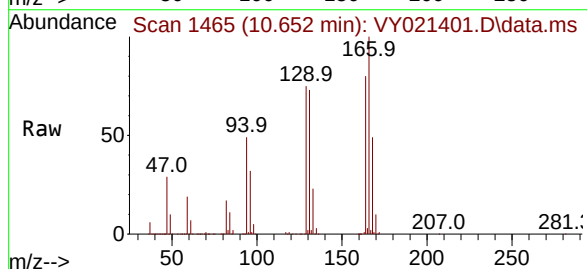
Manual Integrations
APPROVED

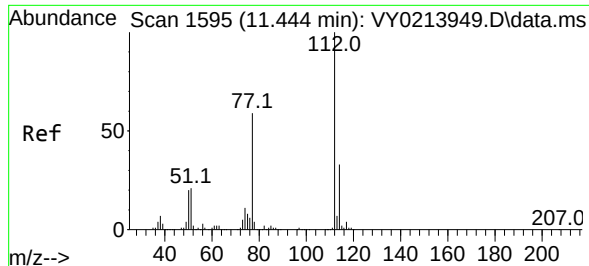
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#64
Tetrachloroethene
Concen: 144.847 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

Tgt Ion:164 Resp: 419107
Ion Ratio Lower Upper
164 100
166 125.7 100.4 150.6
129 94.4 73.8 110.8
131 91.4 71.5 107.3





#65

Chlorobenzene

Concen: 147.949 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion:112 Resp: 124316

Ion Ratio Lower Upper

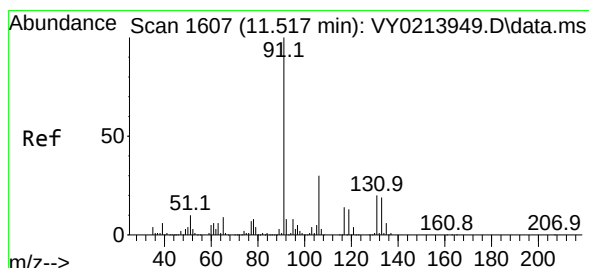
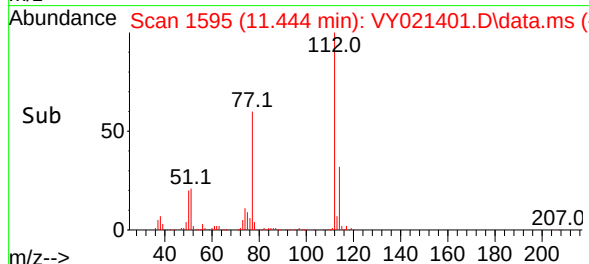
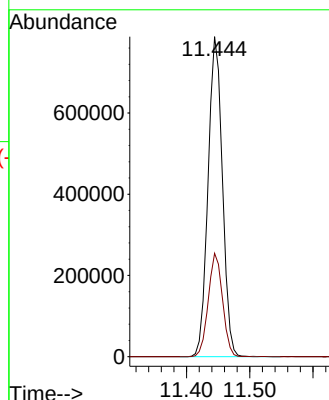
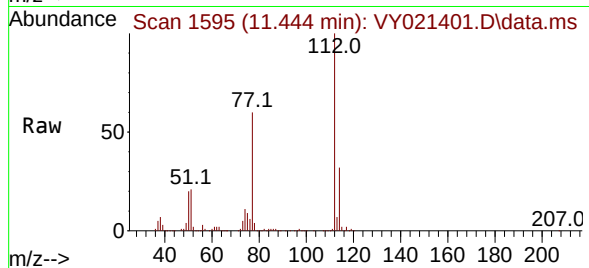
112 100

114 32.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#66

1,1,1,2-Tetrachloroethane

Concen: 148.911 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

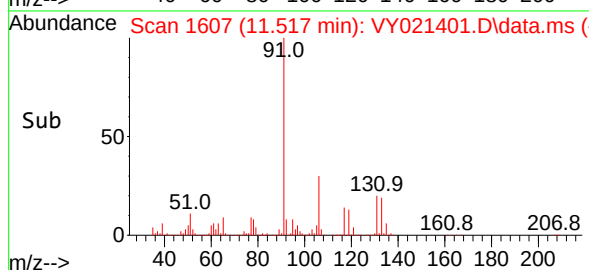
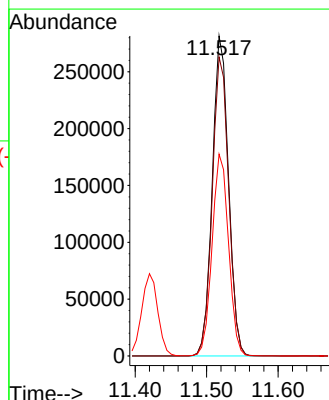
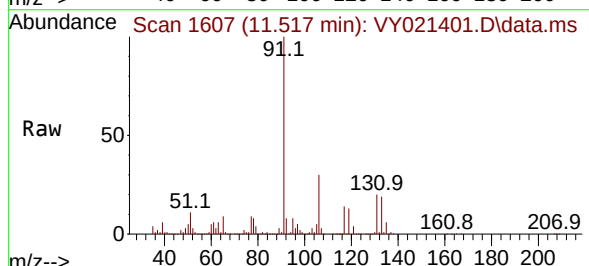
Tgt Ion:131 Resp: 442377

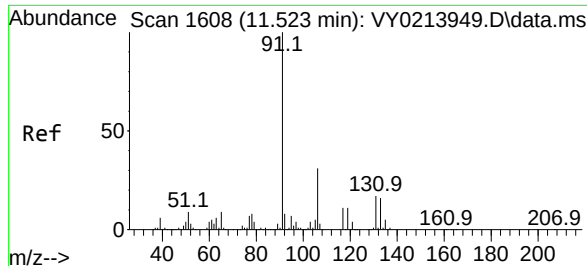
Ion Ratio Lower Upper

131 100

133 94.9 47.6 142.9

119 64.2 32.3 96.9





#67

Ethyl Benzene

Concen: 155.358 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 2291269

Ion Ratio Lower Upper

91 100

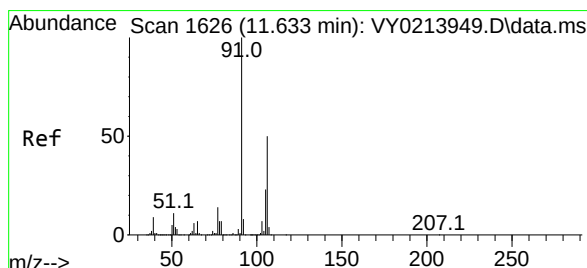
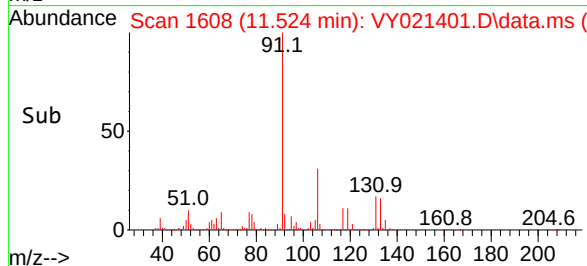
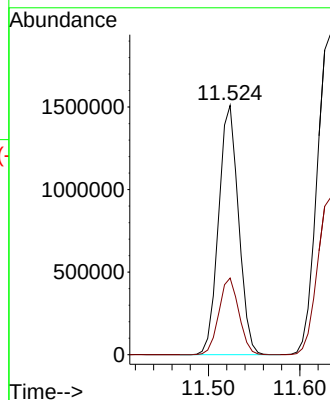
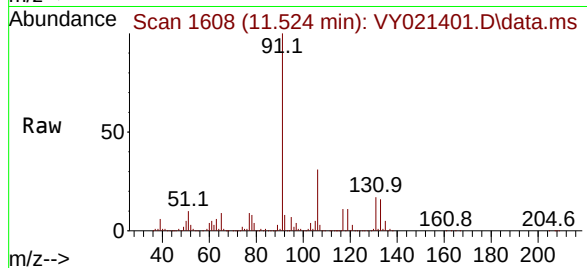
106 30.8 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#68

m/p-Xylenes

Concen: 306.103 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY021401.D

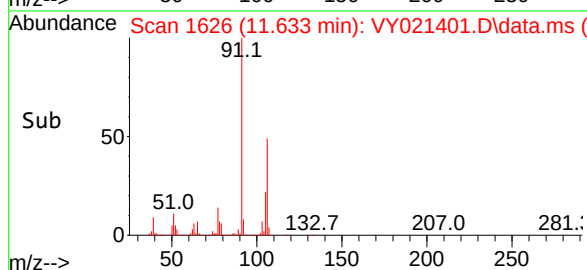
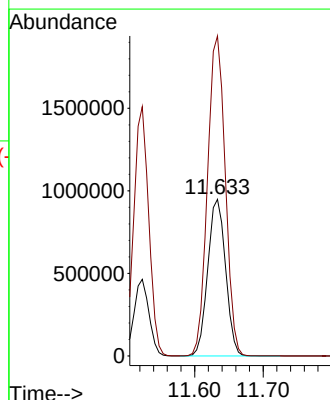
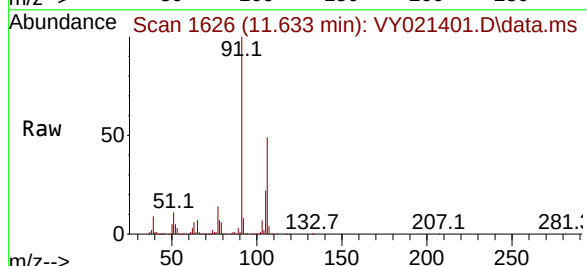
Acq: 04 Mar 2025 11:29

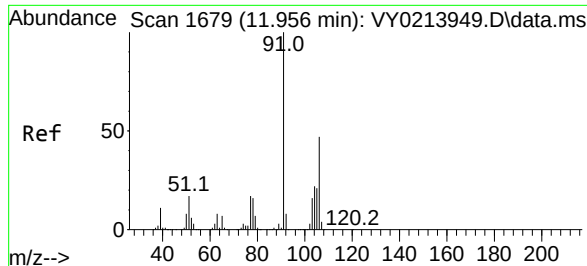
Tgt Ion:106 Resp: 1713936

Ion Ratio Lower Upper

106 100

91 204.1 161.7 242.5





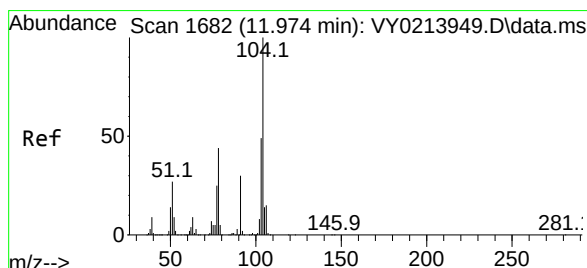
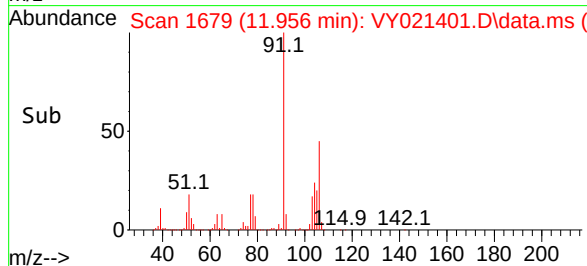
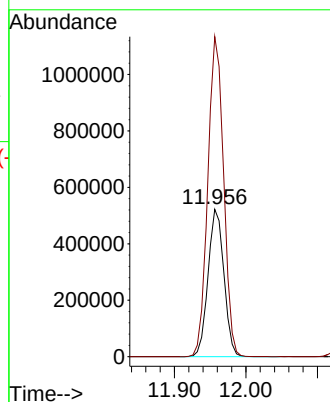
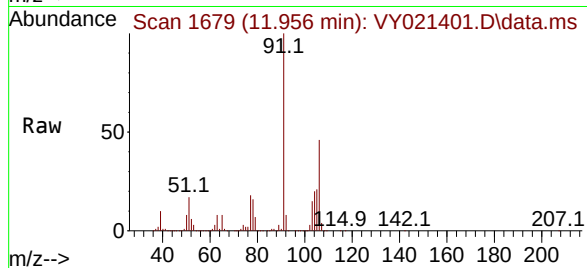
#69
o-Xylene
Concen: 156.057 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 80532
Ion Ratio Lower Upper
106 100
91 216.4 107.6 322.8

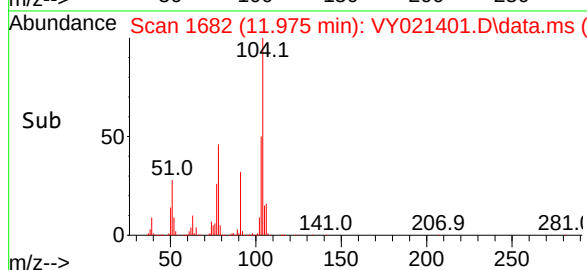
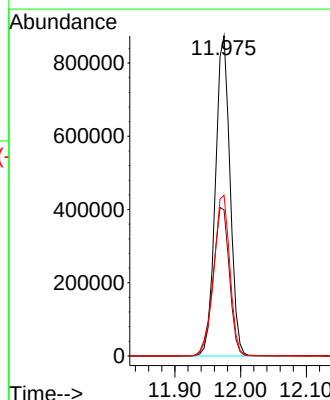
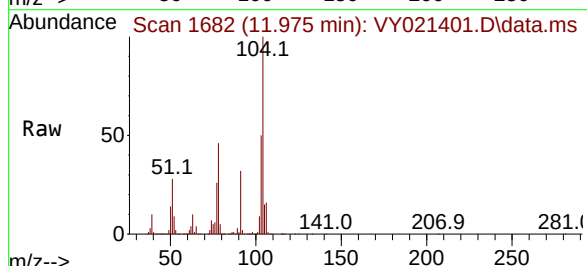
Manual Integrations
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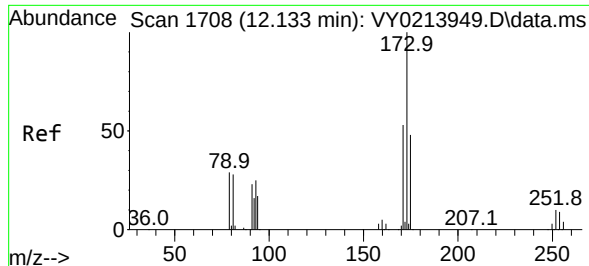
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#70
Styrene
Concen: 157.956 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

Tgt Ion:104 Resp: 1352252
Ion Ratio Lower Upper
104 100
78 51.8 40.7 61.1
103 55.1 44.1 66.1





#71

Bromoform

Concen: 152.878 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion:173 Resp: 25388

Ion Ratio Lower Upper

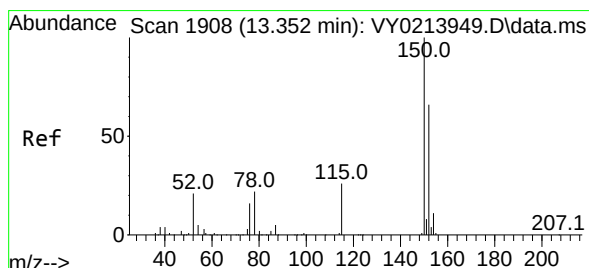
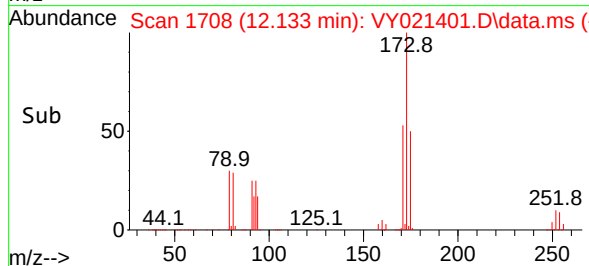
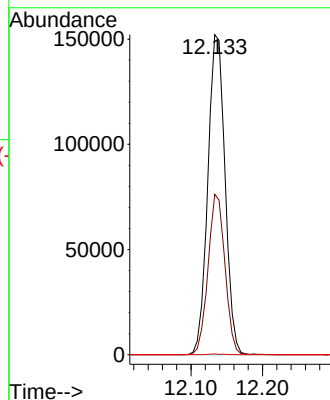
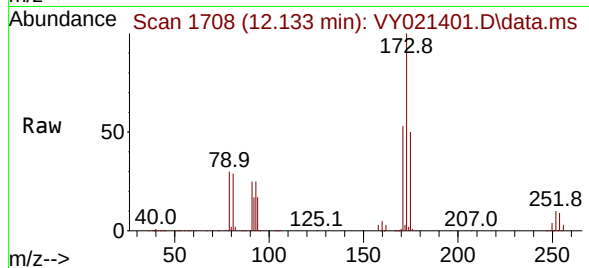
173 100

175 49.3 23.9 71.7

254 0.2 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

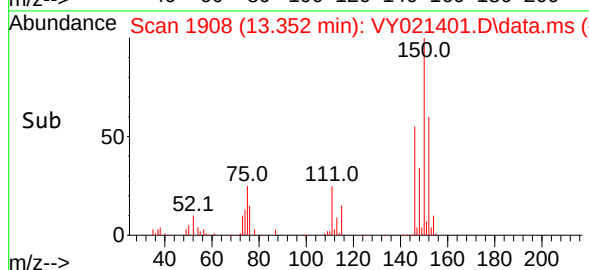
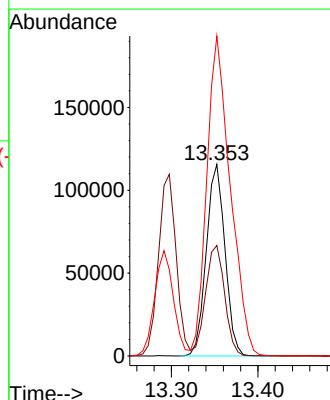
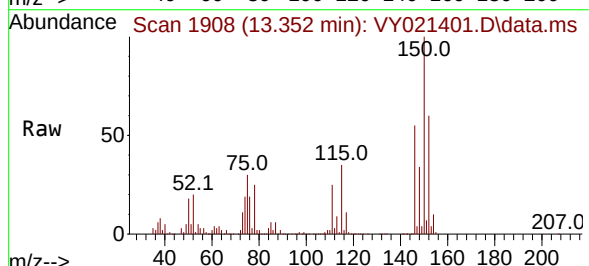
Tgt Ion:152 Resp: 173358

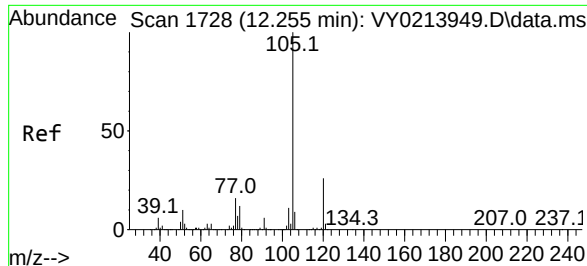
Ion Ratio Lower Upper

152 100

115 58.9 29.0 87.0

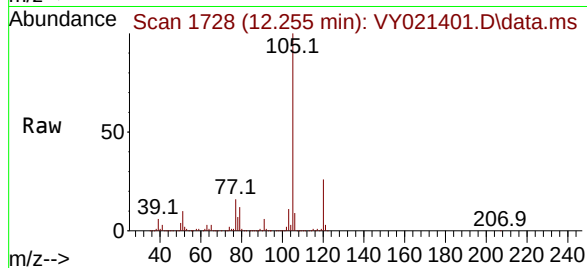
150 209.9 0.0 347.2





#73
Isopropylbenzene
Concen: 157.067 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

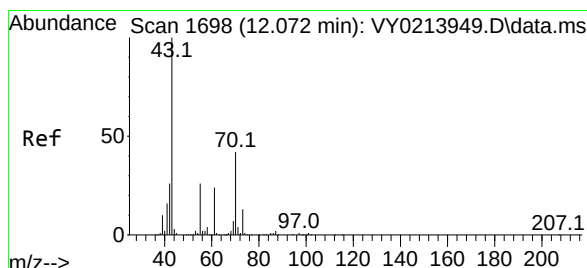
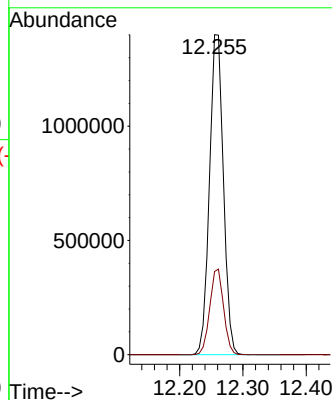
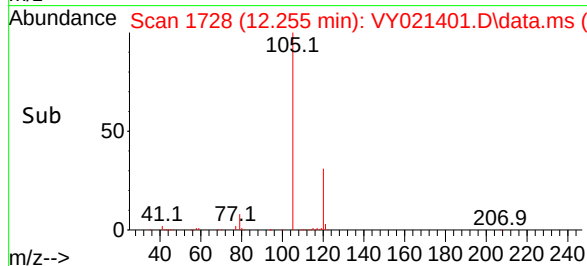
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion:105 Resp: 214489
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.3

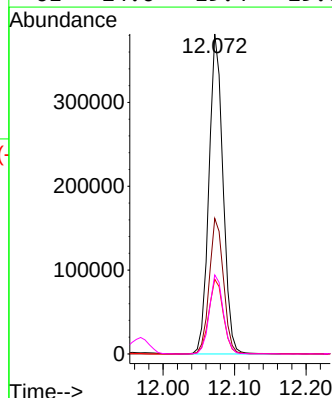
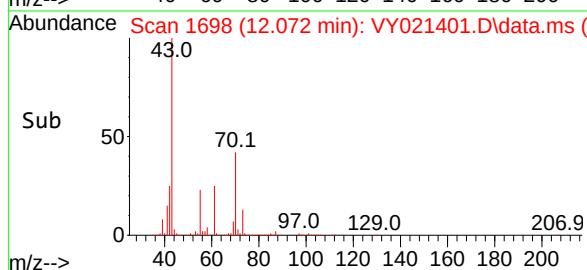
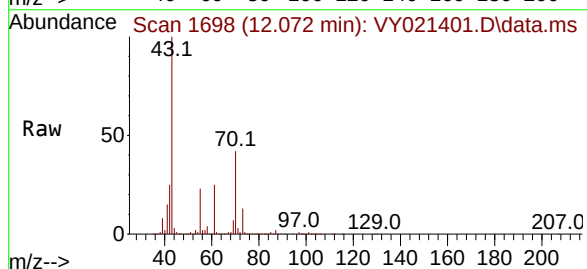
Manual Integrations
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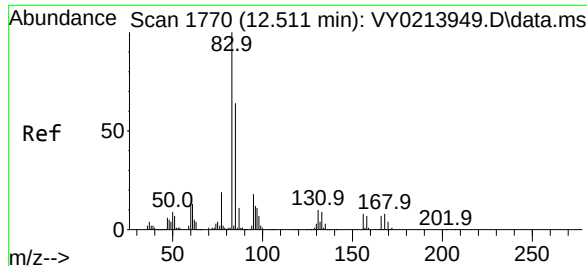
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#74
N-ethyl acetate
Concen: 175.863 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

Tgt Ion: 43 Resp: 521557
Ion Ratio Lower Upper
43 100
70 42.7 34.6 51.8
55 24.2 21.1 31.7
61 24.6 19.4 29.0





#75

1,1,2,2-Tetrachloroethane

Concen: 148.865 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 83 Resp: 358734

Ion Ratio Lower Upper

83 100

131 10.6 5.3 16.1

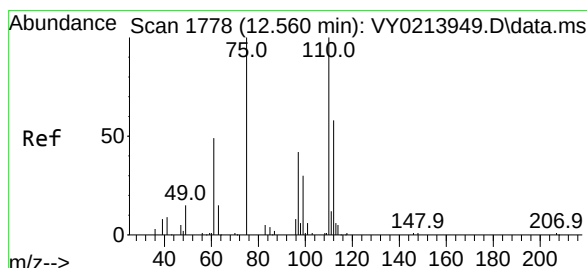
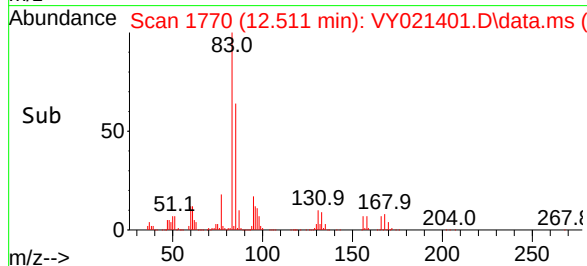
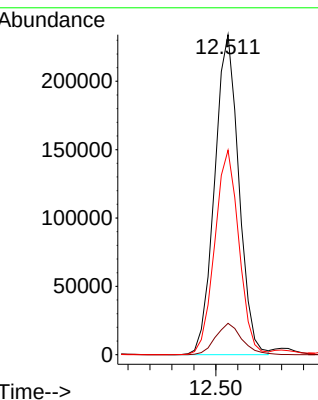
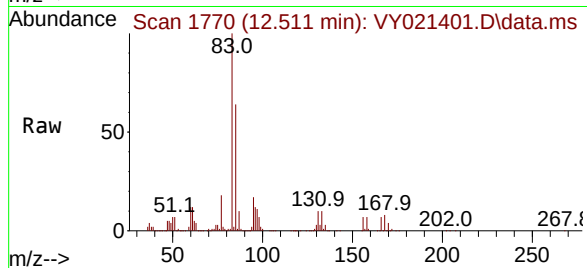
85 63.9 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#76

1,2,3-Trichloropropane

Concen: 138.129 ug/l m

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY021401.D

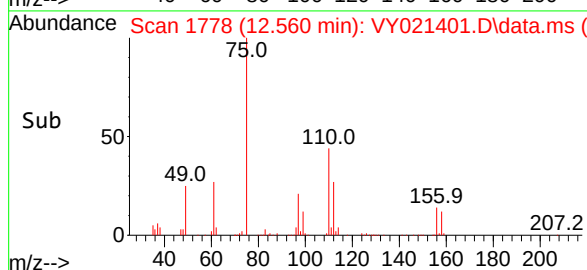
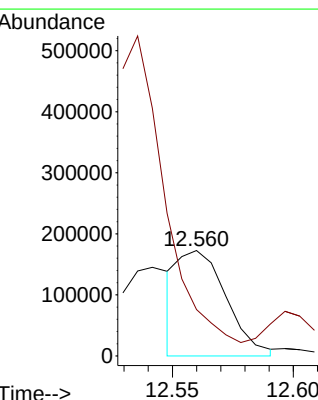
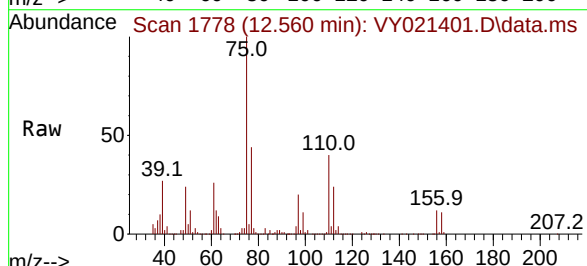
Acq: 04 Mar 2025 11:29

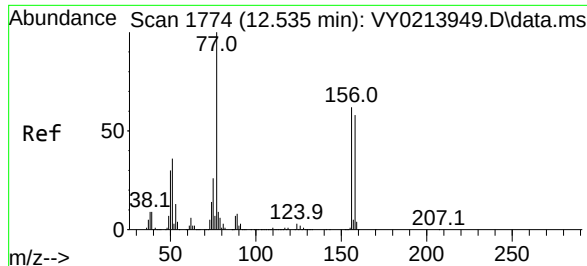
Tgt Ion: 75 Resp: 241297

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





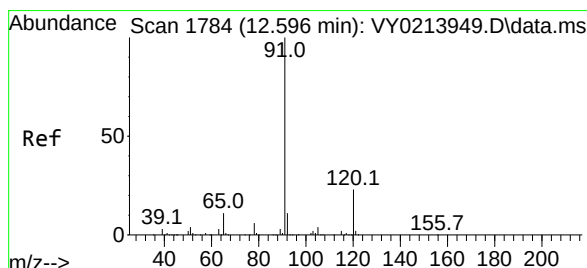
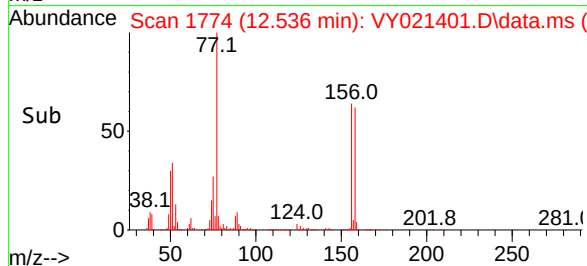
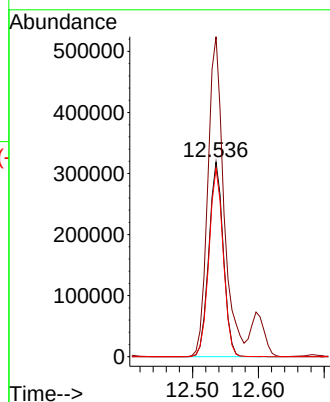
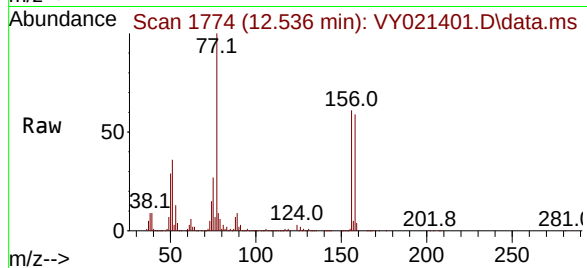
#77
Bromobenzene
Concen: 151.891 ug/l
RT: 12.536 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:156 Resp: 485258
Ion Ratio Lower Upper
156 100
77 182.8 93.6 280.8
158 96.0 48.3 144.8

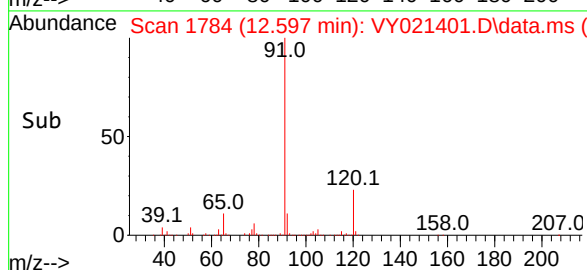
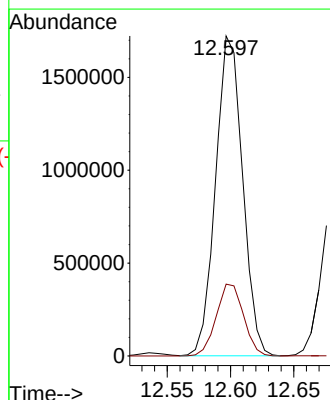
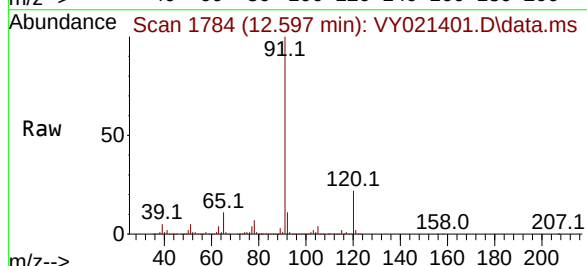
Manual Integrations
APPROVED

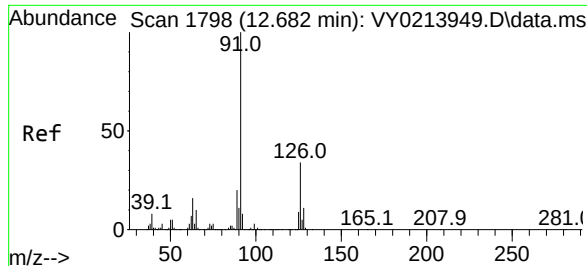
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#78
n-propylbenzene
Concen: 153.780 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

Tgt Ion: 91 Resp: 2550395
Ion Ratio Lower Upper
91 100
120 22.7 11.3 33.8





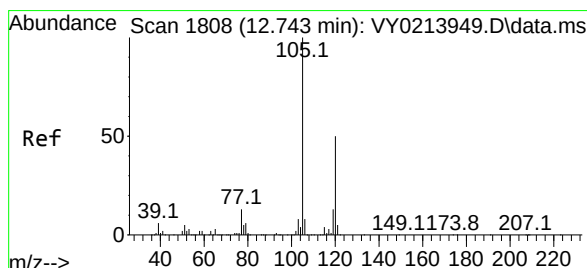
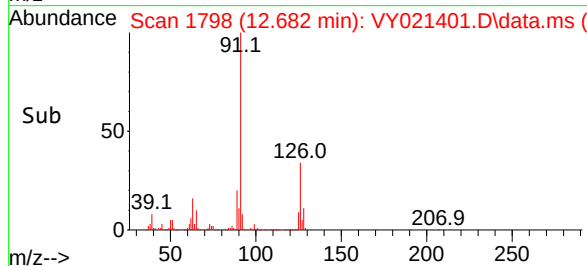
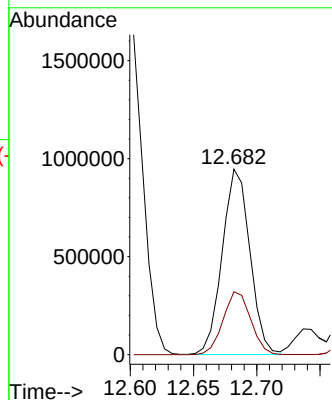
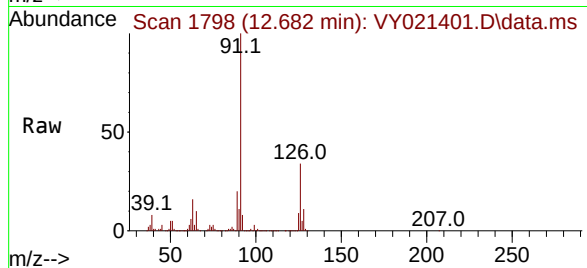
#79
2-Chlorotoluene
Concen: 151.808 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 143959
Ion Ratio Lower Upper
91 100
126 34.0 17.2 51.6

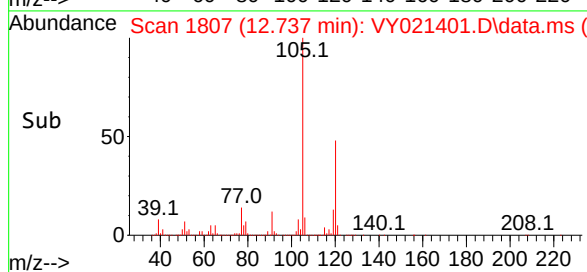
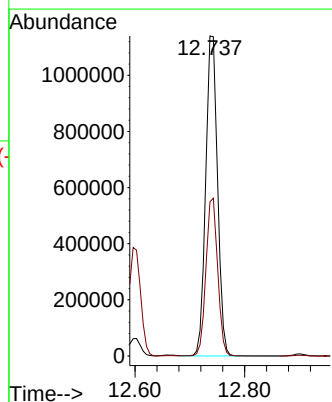
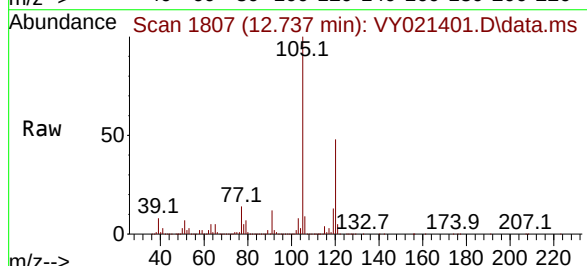
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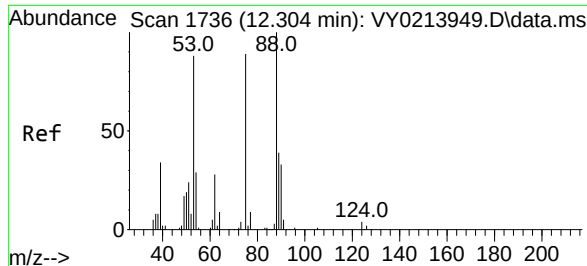
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#80
1,3,5-Trimethylbenzene
Concen: 153.582 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

Tgt Ion:105 Resp: 1704391
Ion Ratio Lower Upper
105 100
120 48.9 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 164.316 ug/l

RT: 12.310 min Scan# 1736

Delta R.T. 0.006 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 75 Resp: 12626

Ion Ratio Lower Upper

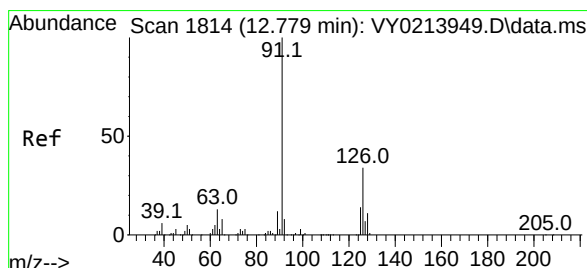
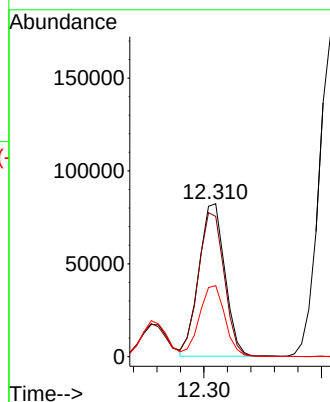
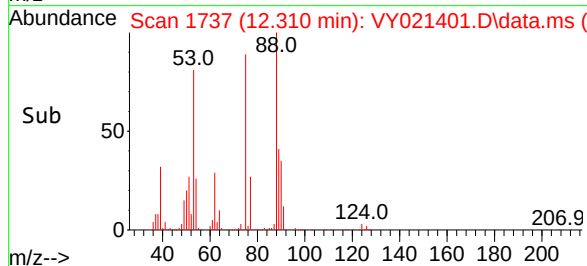
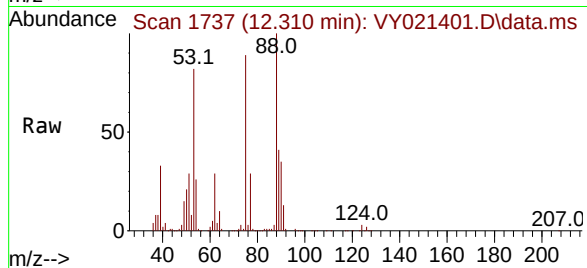
75 100

53 94.4 81.0 121.4

89 46.1 36.9 55.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#82

4-Chlorotoluene

Concen: 149.554 ug/l

RT: 12.779 min Scan# 1814

Delta R.T. 0.000 min

Lab File: VY021401.D

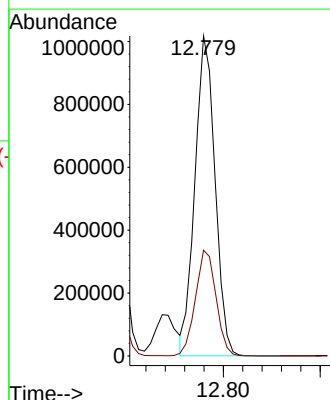
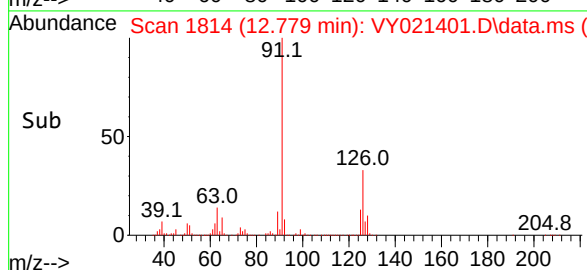
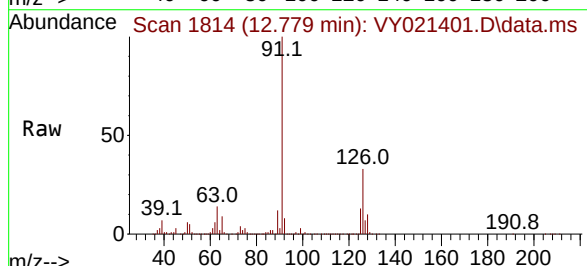
Acq: 04 Mar 2025 11:29

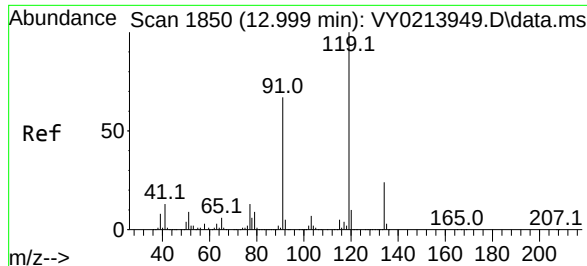
Tgt Ion: 91 Resp: 1468603

Ion Ratio Lower Upper

91 100

126 34.1 17.0 51.0





#83

tert-Butylbenzene

Concen: 155.433 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion:119 Resp: 153880

Ion Ratio Lower Upper

119 100

91 66.6 33.2 99.6

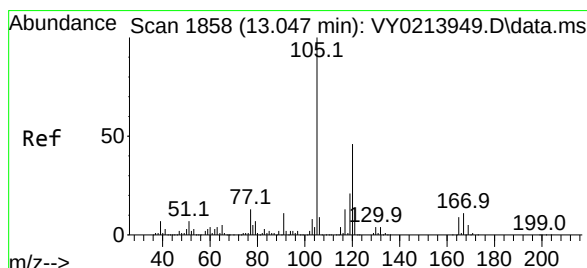
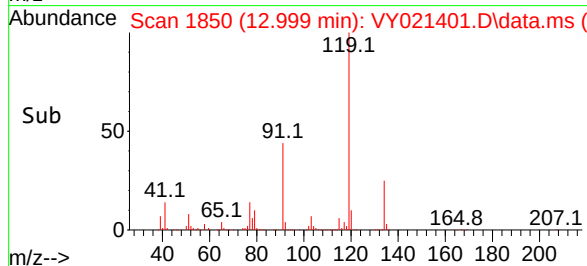
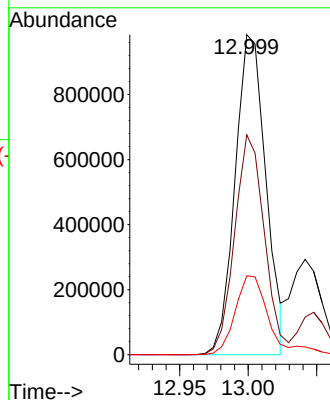
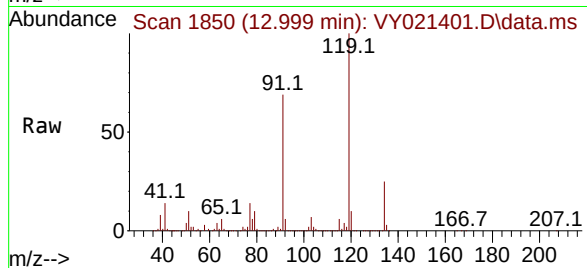
134 27.1 13.5 40.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#84

1,2,4-Trimethylbenzene

Concen: 155.470 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VY021401.D

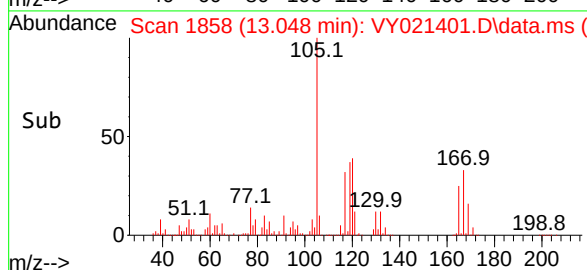
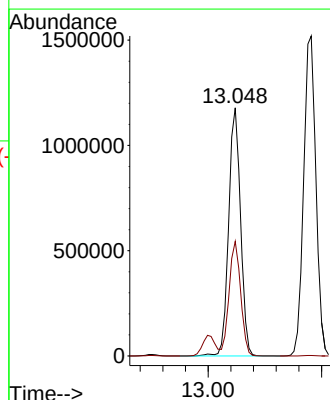
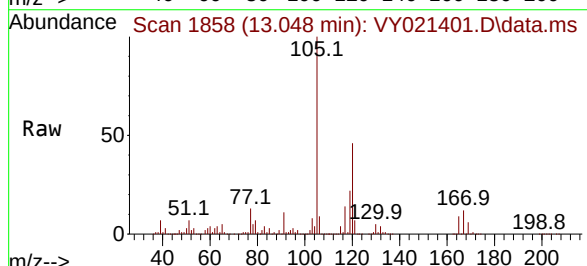
Acq: 04 Mar 2025 11:29

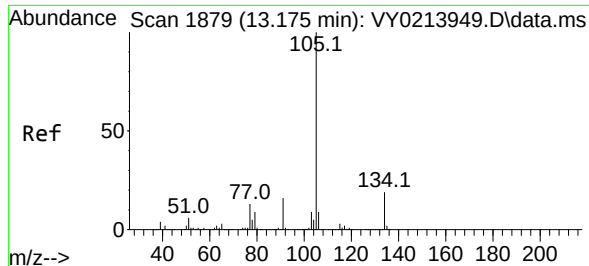
Tgt Ion:105 Resp: 1713052

Ion Ratio Lower Upper

105 100

120 44.7 22.7 68.1





#85

sec-Butylbenzene

Concen: 154.650 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. 0.006 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion:105 Resp: 2277970

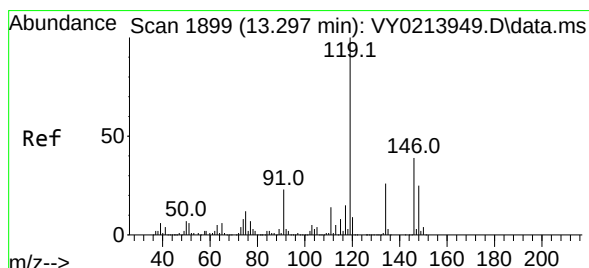
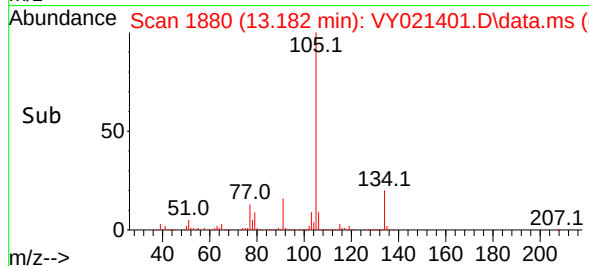
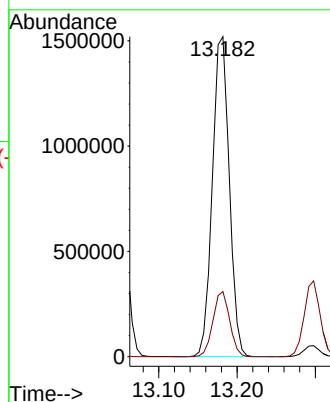
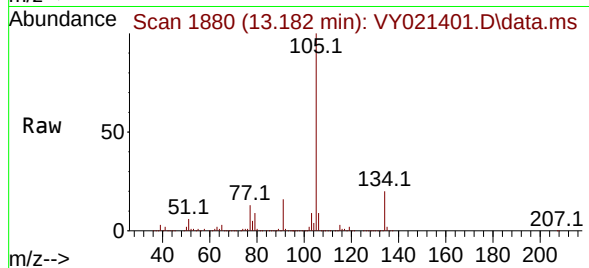
Ion Ratio Lower Upper

105 100

134 20.2 9.9 29.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#86

p-Isopropyltoluene

Concen: 159.931 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

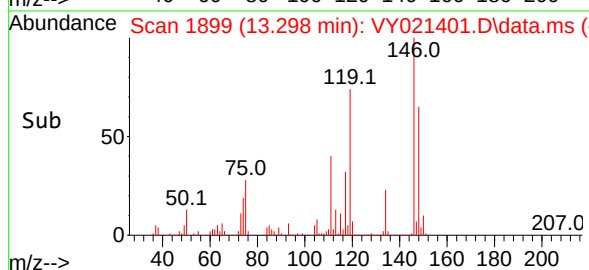
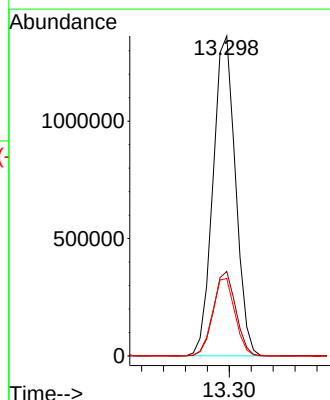
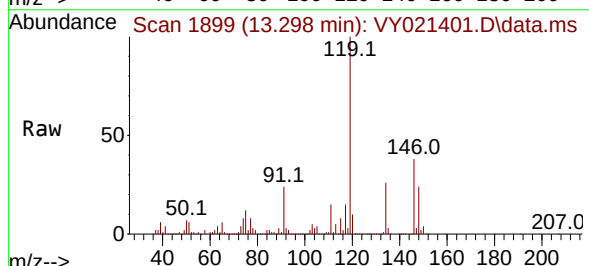
Tgt Ion:119 Resp: 1940795

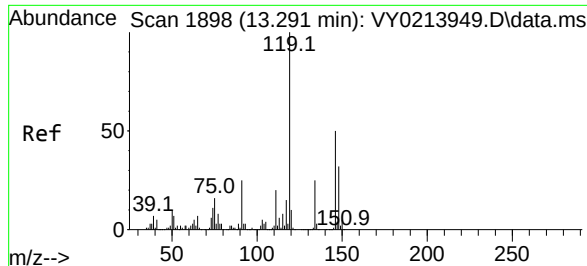
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.1

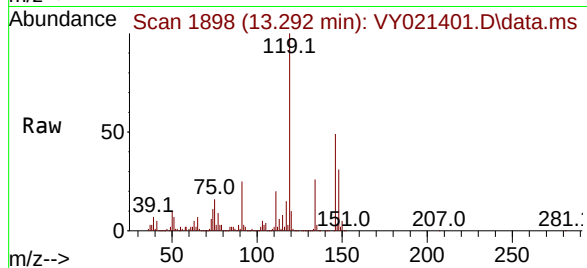
91 24.4 12.2 36.6





#87
1,3-Dichlorobenzene
Concen: 149.004 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

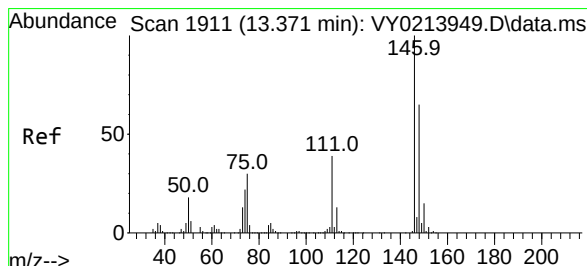
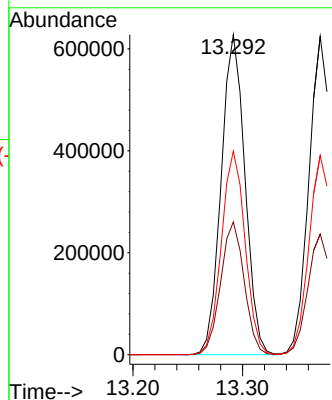
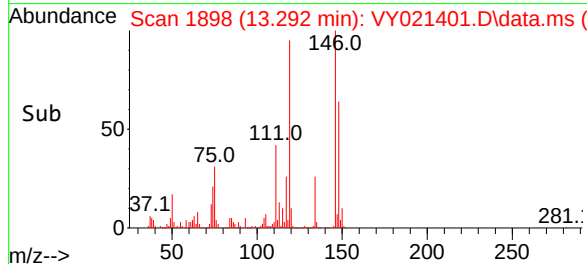
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion:146 Resp: 94757
Ion Ratio Lower Upper
146 100
111 41.0 20.0 60.0
148 63.5 31.8 95.3

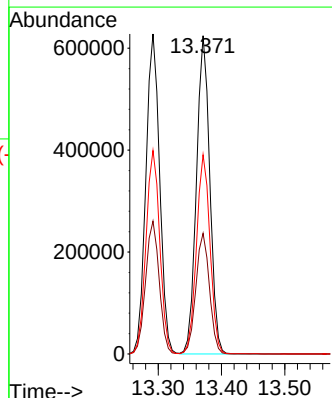
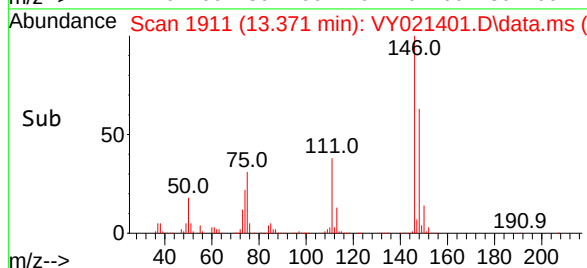
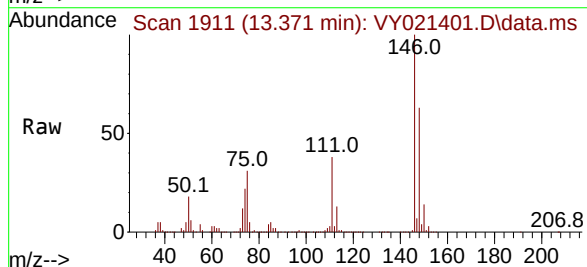
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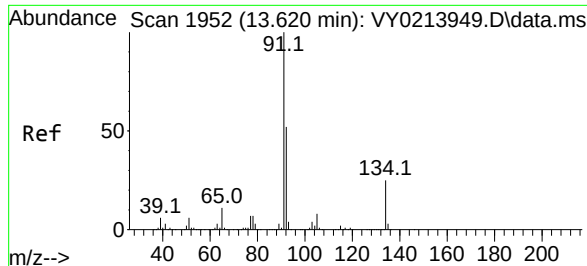
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#88
1,4-Dichlorobenzene
Concen: 147.547 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

Tgt Ion:146 Resp: 917648
Ion Ratio Lower Upper
146 100
111 38.6 19.6 58.8
148 63.4 32.3 96.8





#89

n-Butylbenzene

Concen: 162.308 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 181877

Ion Ratio Lower Upper

91 100

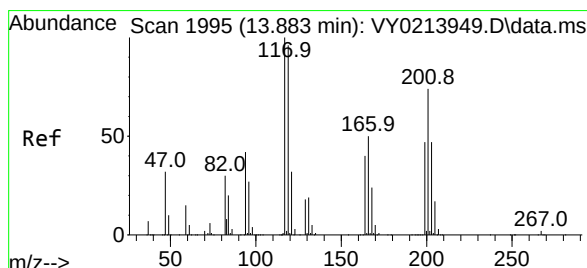
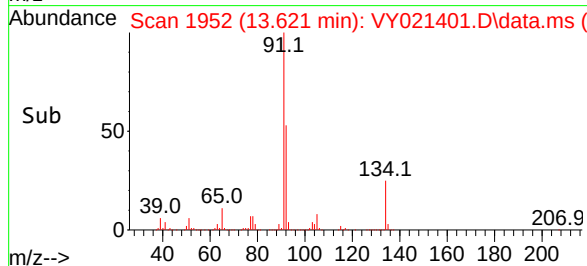
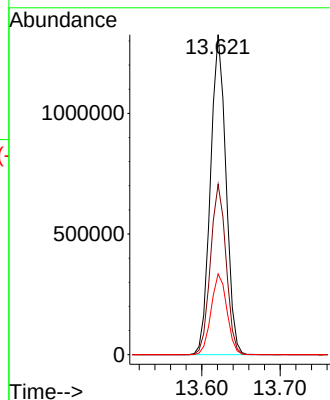
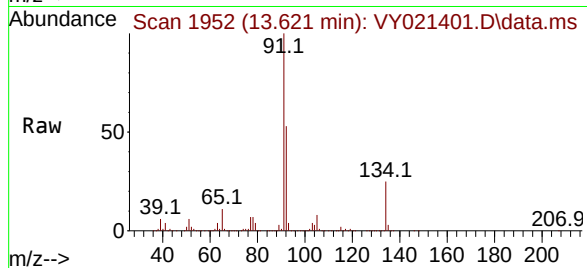
92 53.6 26.1 78.3

134 25.7 12.6 37.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/06/2025
 Supervised By :Semsettin Yesilyurt 03/06/2025



#90

Hexachloroethane

Concen: 151.984 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY021401.D

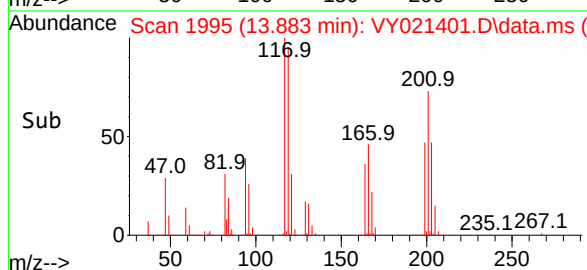
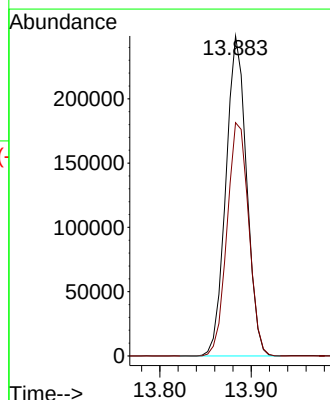
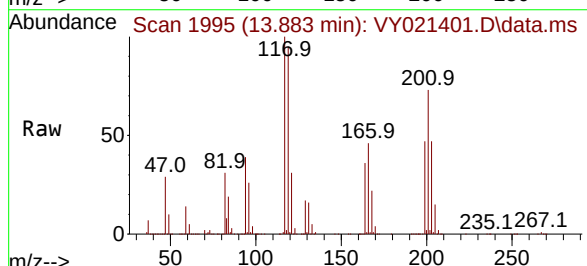
Acq: 04 Mar 2025 11:29

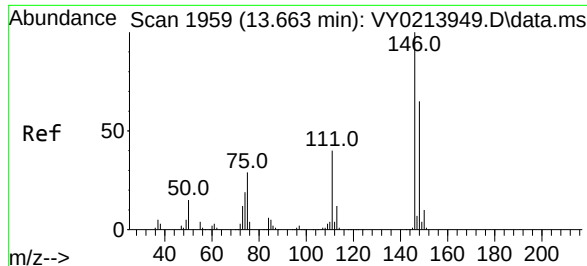
Tgt Ion:117 Resp: 393459

Ion Ratio Lower Upper

117 100

201 76.1 37.4 112.2





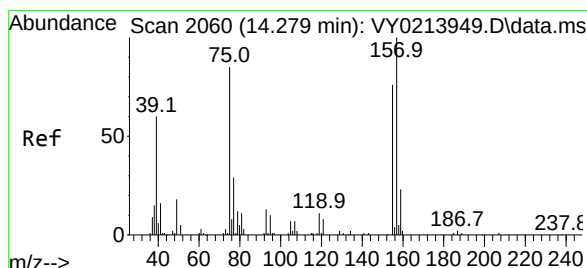
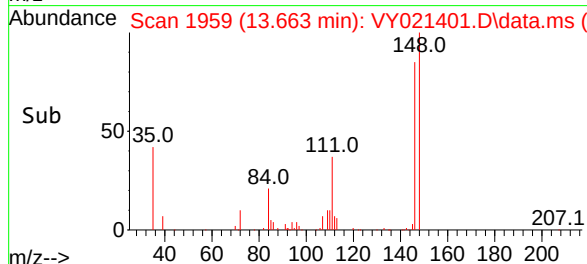
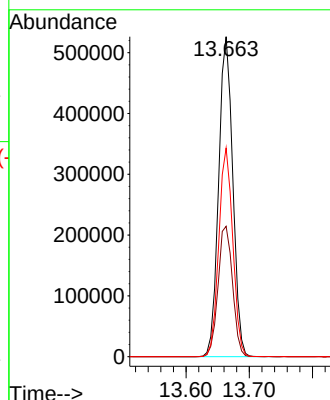
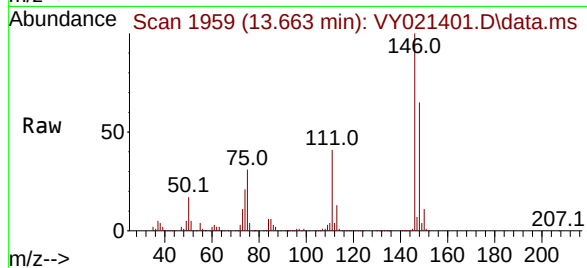
#91
1,2-Dichlorobenzene
Concen: 148.890 ug/l
RT: 13.663 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:146 Resp: 811529
Ion Ratio Lower Upper
146 100
111 41.9 20.7 62.1
148 64.5 32.1 96.5

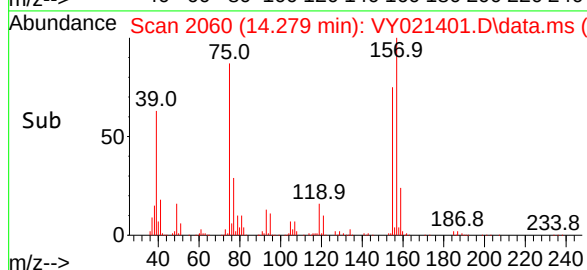
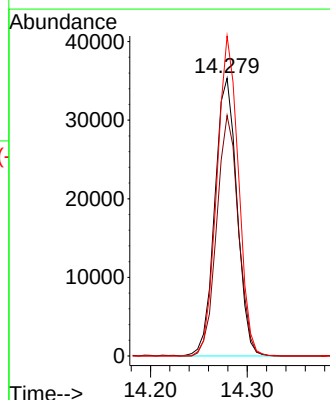
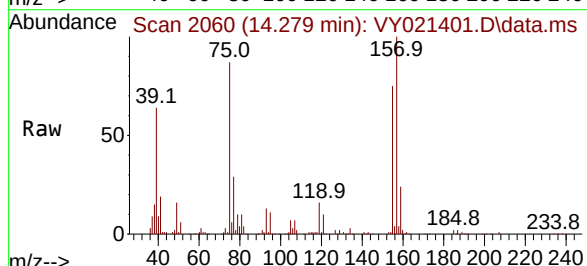
Manual Integrations
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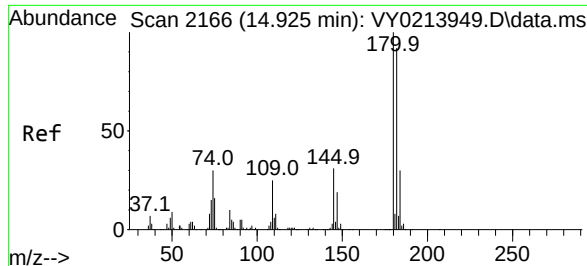
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 155.702 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

Tgt Ion: 75 Resp: 56205
Ion Ratio Lower Upper
75 100
155 84.8 43.5 130.5
157 111.7 54.4 163.2





#93

1,2,4-Trichlorobenzene

Concen: 173.726 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion:180 Resp: 517199

Ion Ratio Lower Upper

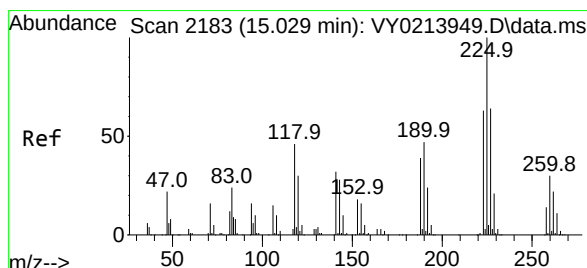
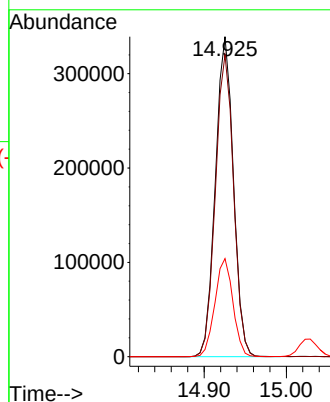
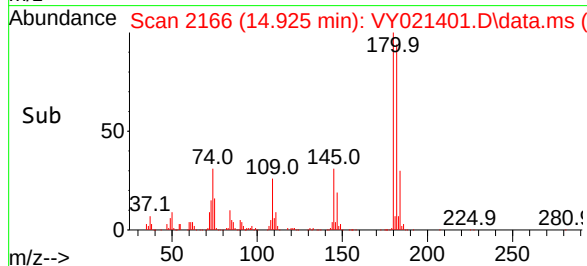
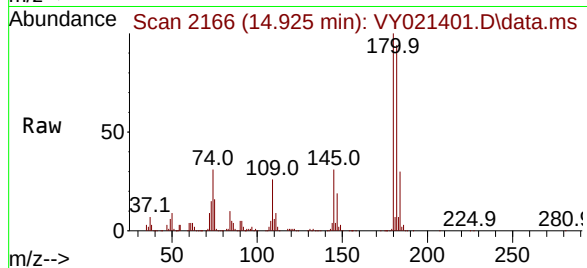
180 100

182 95.1 46.7 140.0

145 30.7 15.6 46.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#94

Hexachlorobutadiene

Concen: 162.105 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

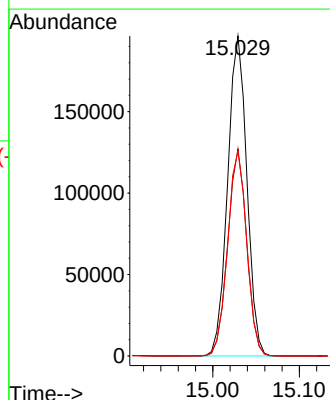
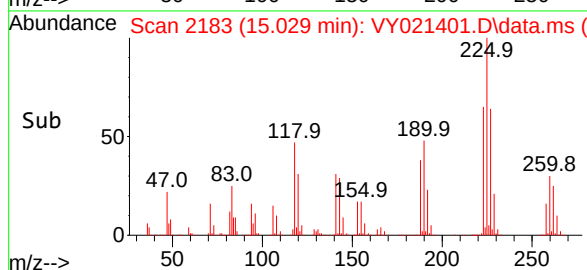
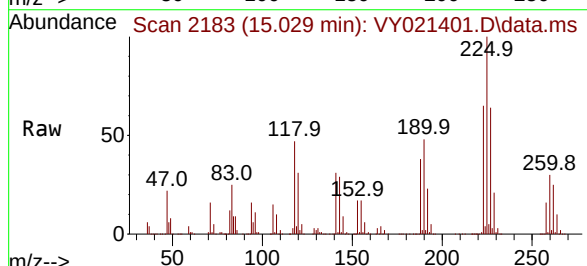
Tgt Ion:225 Resp: 302517

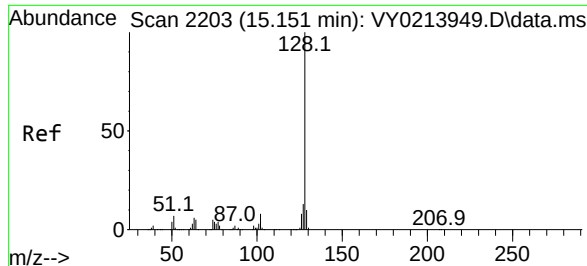
Ion Ratio Lower Upper

225 100

223 63.6 31.4 94.2

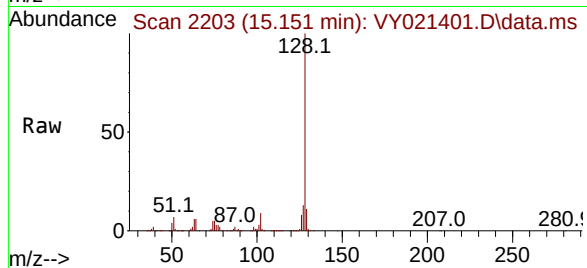
227 63.9 31.8 95.4





#95
Naphthalene
Concen: 150.626 ug/l
RT: 15.151 min Scan# 2203
Delta R.T. -0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

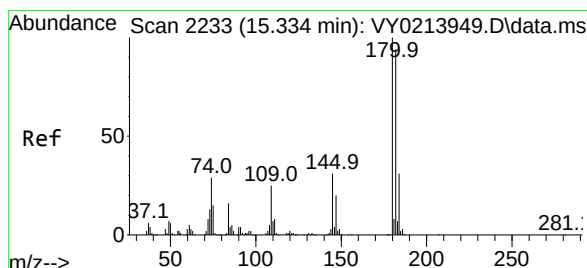
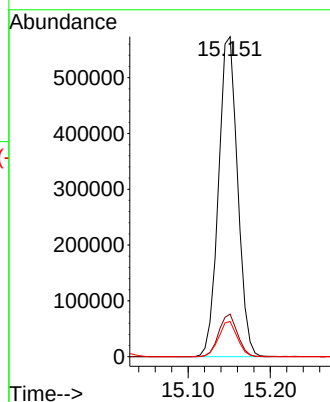
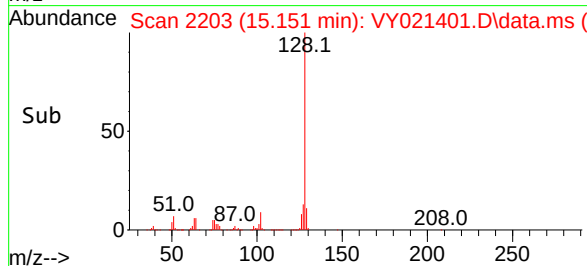
Instrument : MSVOA_Y
ClientSampleId : VSTDIC150



Tgt Ion:128 Resp: 925079
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.8 8.6 13.0

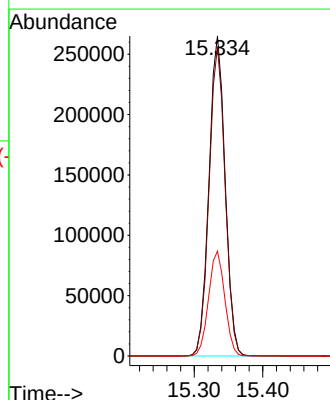
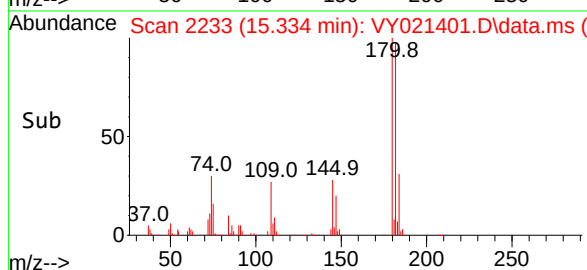
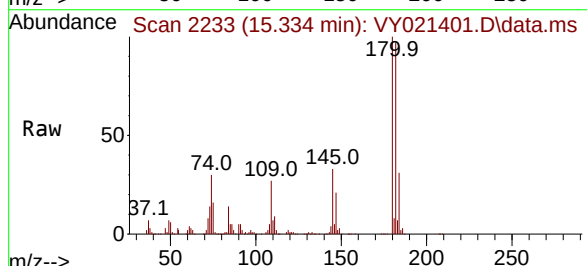
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#96
1,2,3-Trichlorobenzene
Concen: 173.503 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

Tgt Ion:180 Resp: 434430
Ion Ratio Lower Upper
180 100
182 95.9 47.2 141.6
145 32.9 16.4 49.1



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
 Data File : VY021403.D
 Acq On : 04 Mar 2025 12:15
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
 Supervised By :Semsettin Yesilyurt 03/06/2025

Quant Time: Mar 05 03:02:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 02:30:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	245027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	394876	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	337621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	161080	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.067	65	14848	5.733	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	11.460%#
35) Dibromofluoromethane	7.634	113	14631	5.637	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	11.280%#
50) Toluene-d8	10.109	98	54665	5.562	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	11.120%#
62) 4-Bromofluorobenzene	12.408	95	19663	5.882	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	11.760%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	12951	5.760	ug/l	91
3) Chloromethane	2.074	50	19424	6.127	ug/l	98
4) Vinyl Chloride	2.208	62	19070	5.505	ug/l	99
5) Bromomethane	2.605	94	15706	6.273	ug/l	95
6) Chloroethane	2.745	64	12773	5.579	ug/l	98
7) Trichlorofluoromethane	3.068	101	27176	5.620	ug/l	99
8) Diethyl Ether	3.458	74	7381	5.508	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.824	101	16374	5.931	ug/l	99
10) Methyl Iodide	4.013	142	12057	4.296	ug/l	99
11) Tert butyl alcohol	4.872	59	7503	24.295	ug/l #	83
12) 1,1-Dichloroethene	3.800	96	13880	5.515	ug/l	97
13) Acrolein	3.653	56	6605	50.142	ug/l	93
14) Allyl chloride	4.385	41	21629	5.317	ug/l	99
15) Acrylonitrile	5.068	53	14939	26.189	ug/l	100
16) Acetone	3.879	43	17626	31.204	ug/l	99
17) Carbon Disulfide	4.110	76	42440	5.380	ug/l	99
18) Methyl Acetate	4.391	43	6561	5.235	ug/l	94
19) Methyl tert-butyl Ether	5.129	73	33420	5.239	ug/l	94
20) Methylene Chloride	4.629	84	19304	6.511	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	15868	5.629	ug/l	89
22) Diisopropyl ether	6.019	45	45242	5.161	ug/l	88
23) Vinyl Acetate	5.970	43	124260	24.838	ug/l	96
24) 1,1-Dichloroethane	5.921	63	28883	5.583	ug/l	97
25) 2-Butanone	6.903	43	22073	28.249	ug/l	96
26) 2,2-Dichloropropane	6.890	77	27105	5.694	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	17198	5.371	ug/l	93
28) Bromochloromethane	7.250	49	11718	5.403	ug/l	99
29) Tetrahydrofuran	7.274	42	12689	26.305	ug/l	99
30) Chloroform	7.427	83	29950	5.575	ug/l	99
31) Cyclohexane	7.701	56	29806	6.145	ug/l #	93
32) 1,1,1-Trichloroethane	7.622	97	28207	5.734	ug/l	95
36) 1,1-Dichloropropene	7.841	75	21694	5.340	ug/l	98
37) Ethyl Acetate	6.988	43	9539m	5.205	ug/l	
38) Carbon Tetrachloride	7.823	117	24674	5.281	ug/l	96
39) Methylcyclohexane	9.110	83	25312	5.079	ug/l	95
40) Benzene	8.085	78	63894	5.339	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
 Data File : VY021403.D
 Acq On : 04 Mar 2025 12:15
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
 Supervised By :Semsettin Yesilyurt 03/06/2025

Quant Time: Mar 05 03:02:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 02:30:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	4825	4.834	ug/l #	91
42) 1,2-Dichloroethane	8.158	62	17906	5.348	ug/l	99
43) Isopropyl Acetate	8.201	43	18016	5.168	ug/l	97
44) Trichloroethene	8.872	130	16384	5.417	ug/l	98
45) 1,2-Dichloropropane	9.146	63	15302	5.372	ug/l	91
46) Dibromomethane	9.238	93	8211	5.181	ug/l	99
47) Bromodichloromethane	9.427	83	22083	5.247	ug/l	95
48) Methyl methacrylate	9.225	41	7383	4.568	ug/l	98
49) 1,4-Dioxane	9.231	88	1424	91.537	ug/l #	90
51) 4-Methyl-2-Pentanone	10.000	43	43306	24.077	ug/l	100
52) Toluene	10.176	92	38833	5.146	ug/l	96
53) t-1,3-Dichloropropene	10.396	75	18188	4.905	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	22504	5.111	ug/l	100
55) 1,1,2-Trichloroethane	10.573	97	10837	5.227	ug/l	97
56) Ethyl methacrylate	10.439	69	11475	4.340	ug/l	97
57) 1,3-Dichloropropane	10.719	76	18380	5.115	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	26908	22.045	ug/l	99
59) 2-Hexanone	10.762	43	27441	23.073	ug/l	97
60) Dibromochloromethane	10.914	129	14771	5.197	ug/l	96
61) 1,2-Dibromoethane	11.018	107	10188	5.207	ug/l	99
64) Tetrachloroethene	10.652	164	15148	5.518	ug/l	95
65) Chlorobenzene	11.444	112	43322	5.434	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.524	131	15173	5.383	ug/l	96
67) Ethyl Benzene	11.524	91	71391	5.102	ug/l	97
68) m/p-Xylenes	11.633	106	53829	10.132	ug/l	99
69) o-Xylene	11.957	106	24421	4.988	ug/l	100
70) Styrene	11.975	104	38858	4.784	ug/l	99
71) Bromoform	12.133	173	7934	5.035	ug/l #	96
73) Isopropylbenzene	12.255	105	64065	5.049	ug/l	98
74) N-amyl acetate	12.072	43	12319	4.470	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	11865	5.299	ug/l	95
76) 1,2,3-Trichloropropane	12.560	75	10101m	6.223	ug/l	
77) Bromobenzene	12.536	156	15812	5.327	ug/l	97
78) n-propylbenzene	12.597	91	80203	5.205	ug/l	99
79) 2-Chlorotoluene	12.682	91	47065	5.341	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	53272	5.166	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	3431	4.805	ug/l	92
82) 4-Chlorotoluene	12.780	91	48178	5.280	ug/l	100
83) tert-Butylbenzene	12.999	119	46550	5.060	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	52203	5.099	ug/l	98
85) sec-Butylbenzene	13.176	105	71799	5.246	ug/l	100
86) p-Isopropyltoluene	13.298	119	57131	5.067	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	32709	5.535	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	32045	5.545	ug/l	95
89) n-Butylbenzene	13.621	91	52654	5.057	ug/l	99
90) Hexachloroethane	13.883	117	13537	5.628	ug/l	95
91) 1,2-Dichlorobenzene	13.664	146	27758	5.481	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	1880	5.605	ug/l	86
93) 1,2,4-Trichlorobenzene	14.926	180	13925	5.034	ug/l	98
94) Hexachlorobutadiene	15.029	225	9351	5.393	ug/l	97
95) Naphthalene	15.151	128	19552	5.892	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	11822	5.081	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
Data File : VY021403.D
Acq On : 04 Mar 2025 12:15
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

Quant Time: Mar 05 03:02:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 02:30:51 2025
Response via : Initial Calibration

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

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

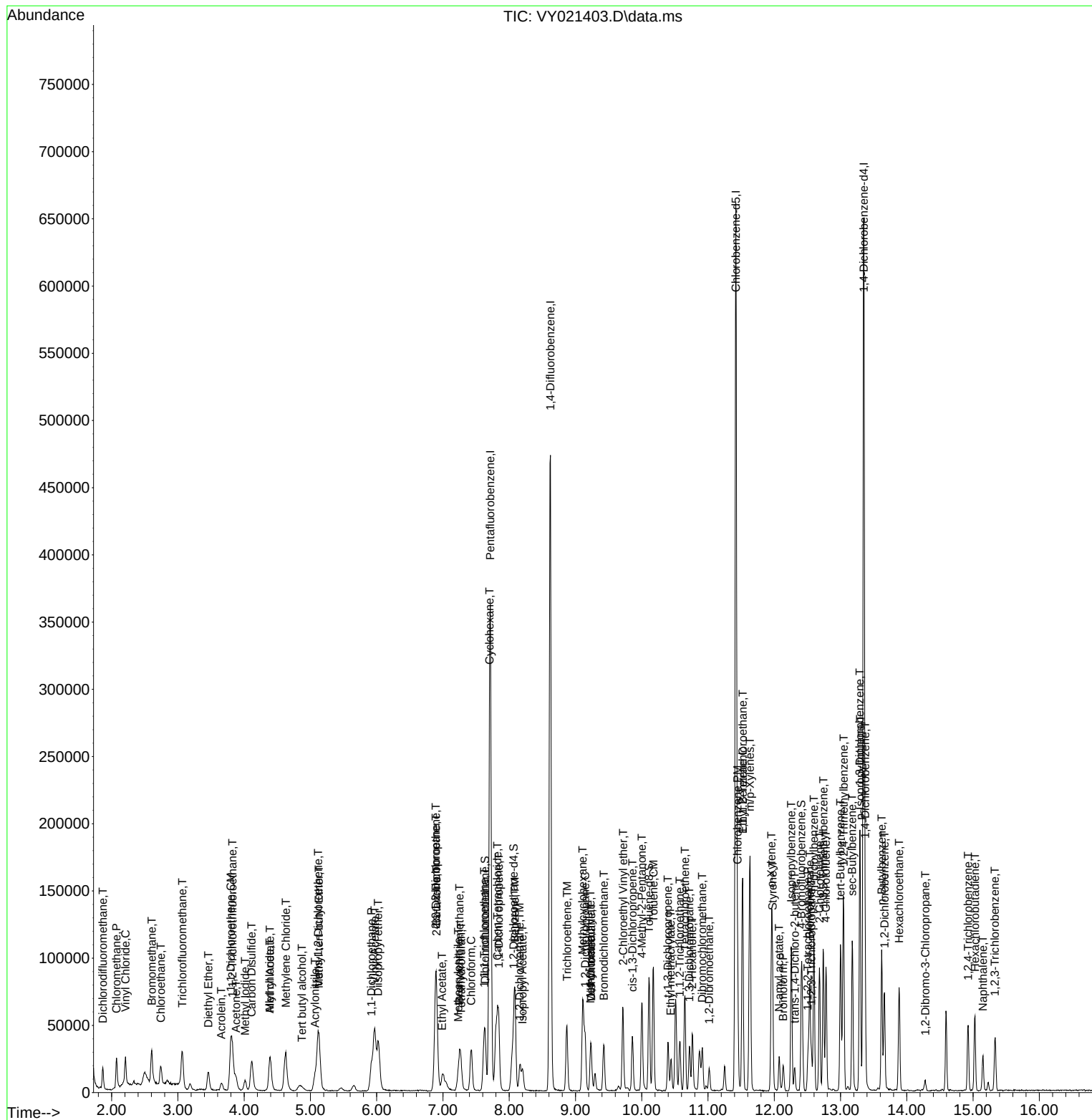
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Data File : VY021403.D
Acq On : 04 Mar 2025 12:15
Operator : SY/MD
Sample : VSTDIC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

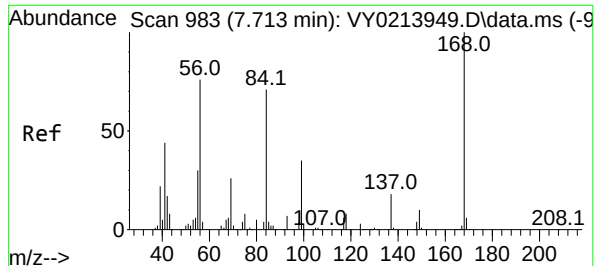
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
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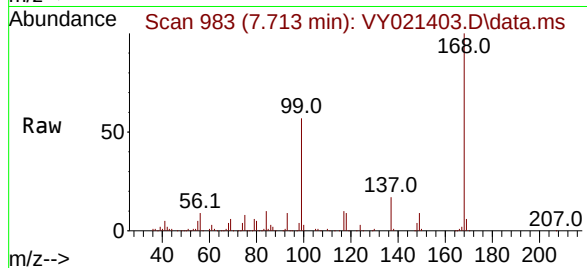
Quant Time: Mar 05 03:02:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 02:30:51 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

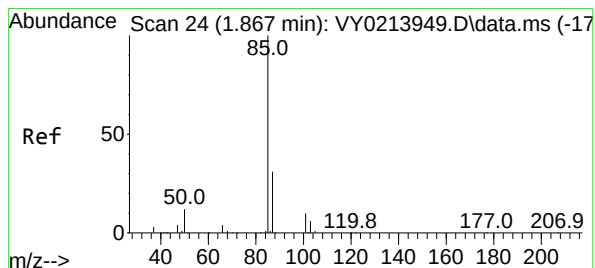
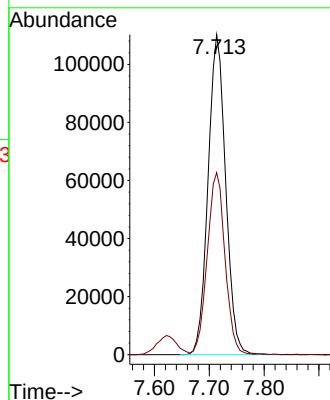
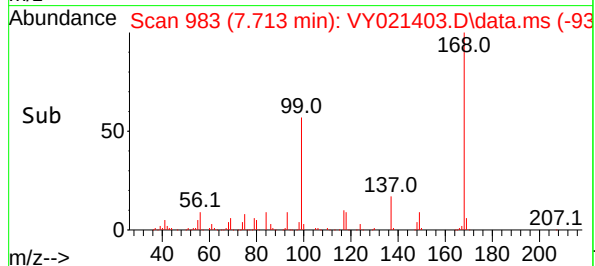
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 24502
Ion Ratio Lower Upper
168 100
99 56.8 46.0 69.0

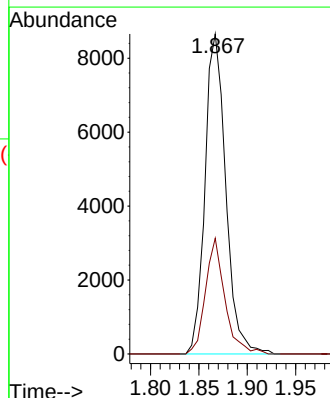
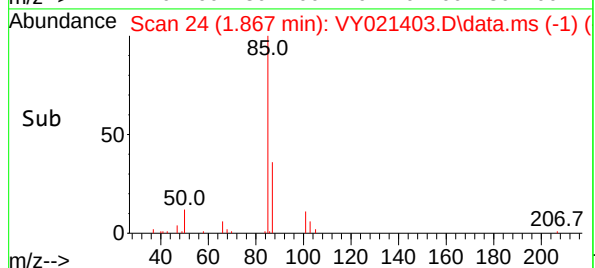
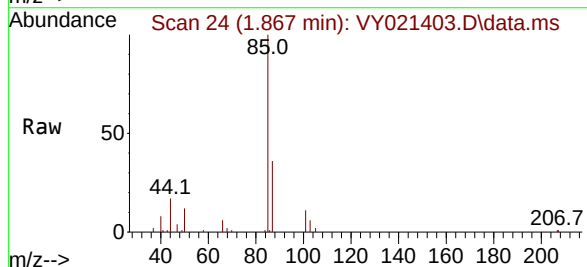
Manual Integrations
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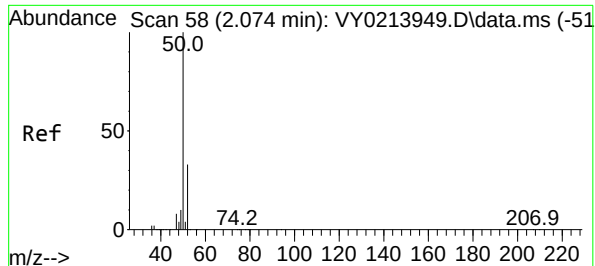
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#2
Dichlorodifluoromethane
Concen: 5.760 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

Tgt Ion: 85 Resp: 12951
Ion Ratio Lower Upper
85 100
87 36.1 15.7 47.0





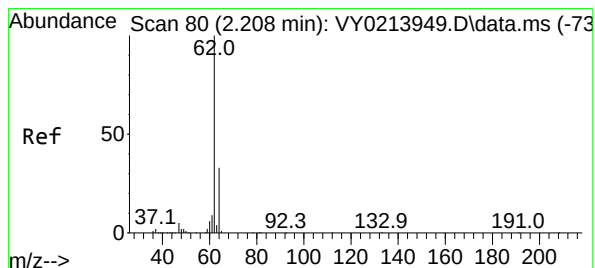
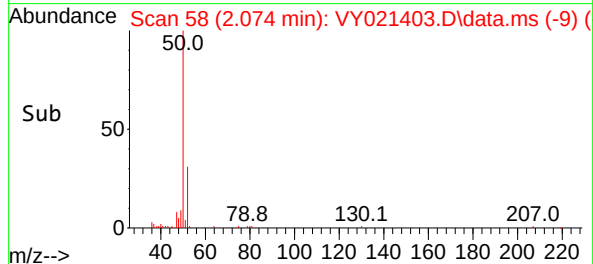
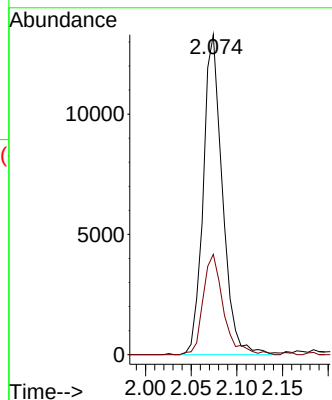
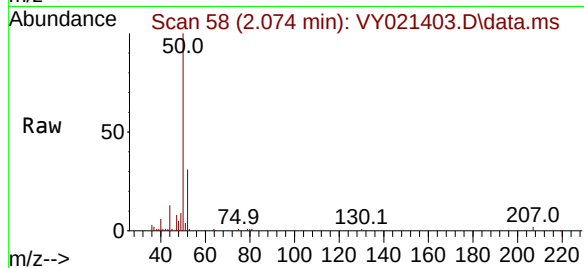
#3
Chloromethane
Concen: 6.127 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 19424
Ion Ratio Lower Upper
50 100
52 31.4 26.2 39.2

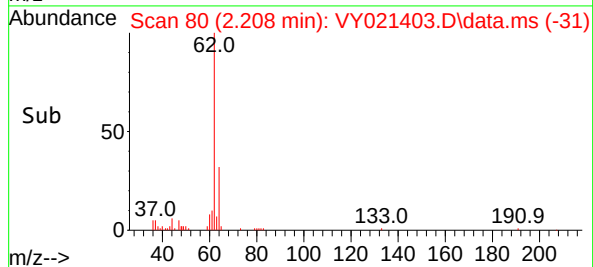
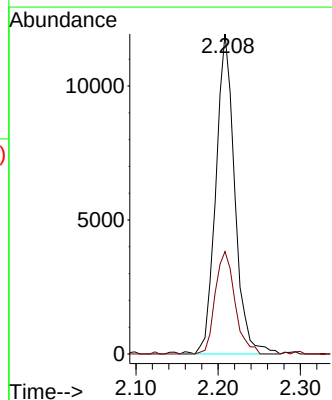
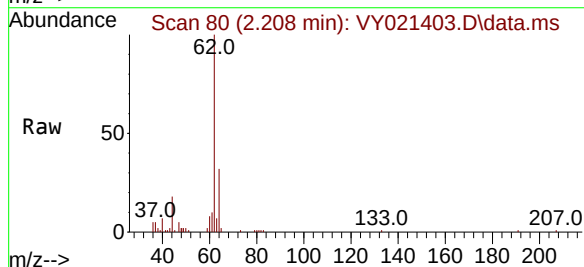
Manual Integrations
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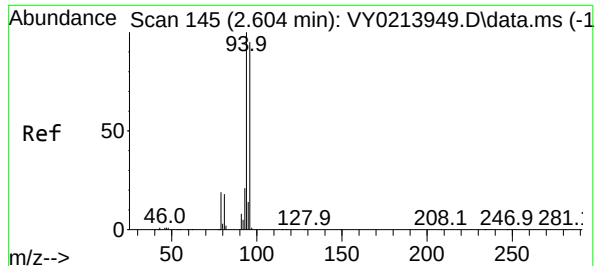
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#4
Vinyl Chloride
Concen: 5.505 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

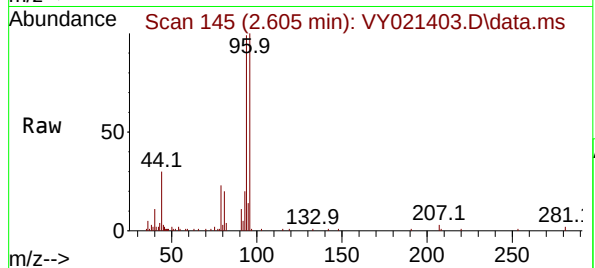
Tgt Ion: 62 Resp: 19070
Ion Ratio Lower Upper
62 100
64 32.0 26.2 39.2





#5
Bromomethane
Concen: 6.273 ug/l
RT: 2.605 min Scan# 145
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

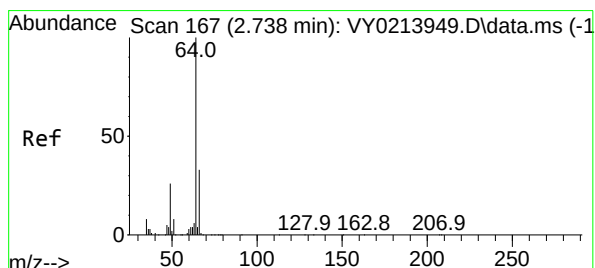
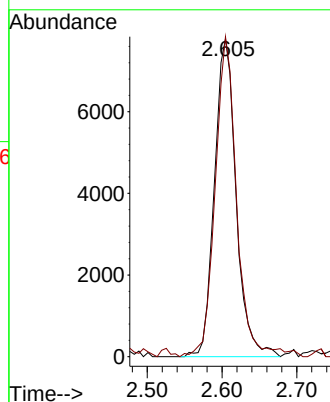
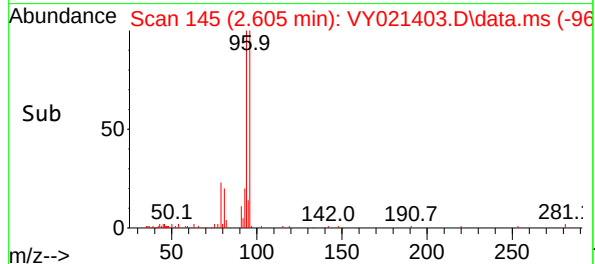
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 94 Resp: 15700
Ion Ratio Lower Upper
94 100
96 100.7 76.3 114.5

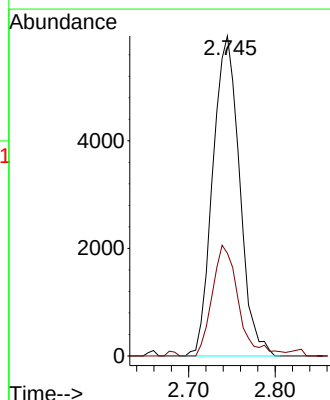
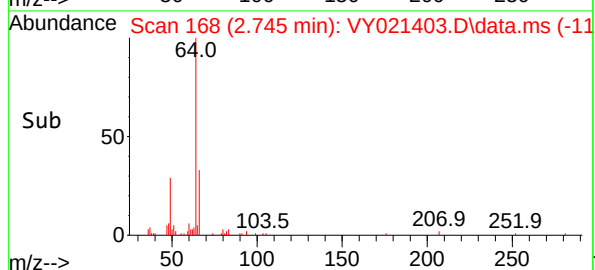
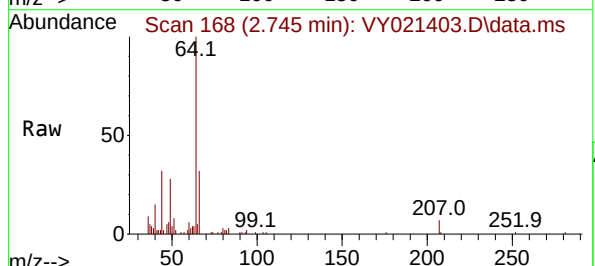
Manual Integrations
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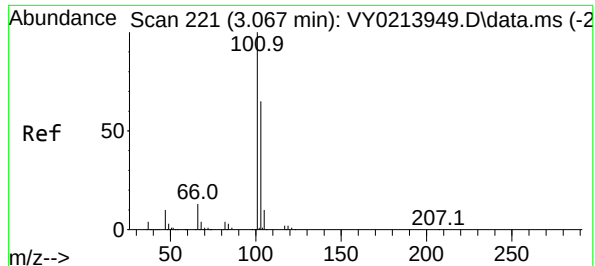
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#6
Chloroethane
Concen: 5.579 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.007 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

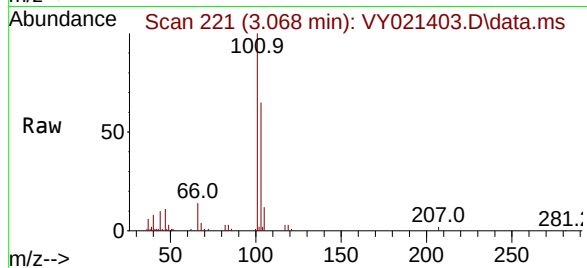
Tgt Ion: 64 Resp: 12773
Ion Ratio Lower Upper
64 100
66 32.1 26.7 40.1





#7
Trichlorofluoromethane
Concen: 5.620 ug/l
RT: 3.068 min Scan# 217
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

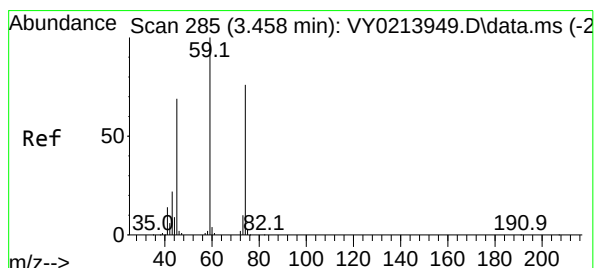
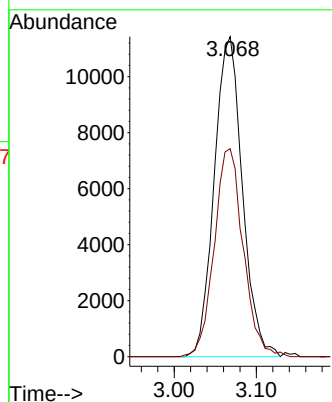
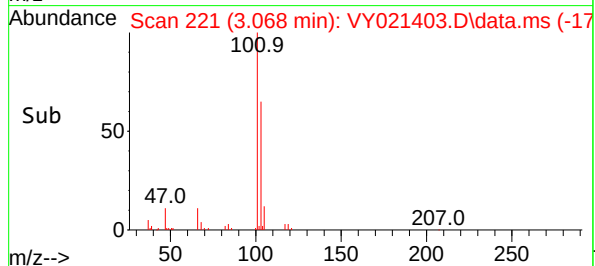
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion:101 Resp: 27170
Ion Ratio Lower Upper
101 100
103 65.0 51.7 77.5

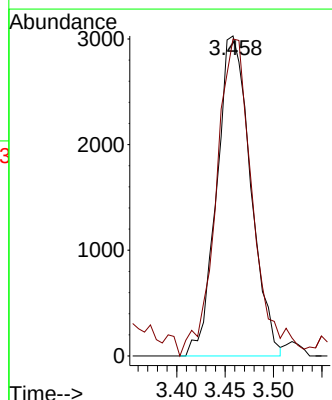
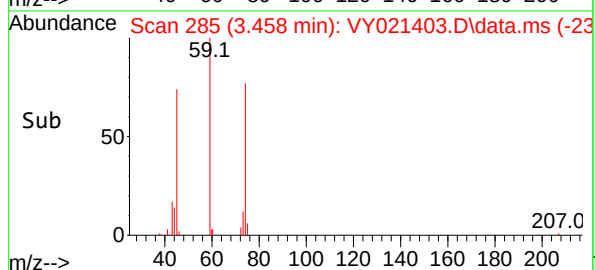
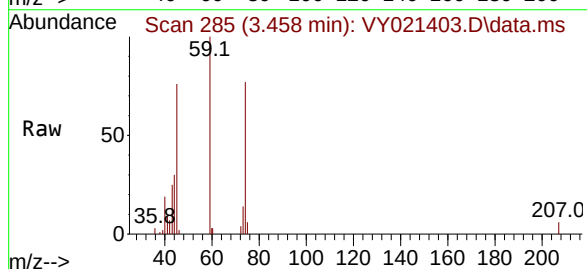
Manual Integrations
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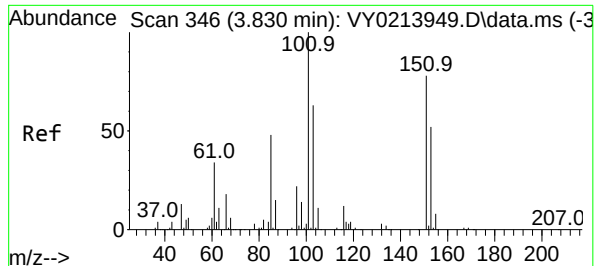
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#8
Diethyl Ether
Concen: 5.508 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

Tgt Ion: 74 Resp: 7381
Ion Ratio Lower Upper
74 100
45 106.2 49.7 149.1





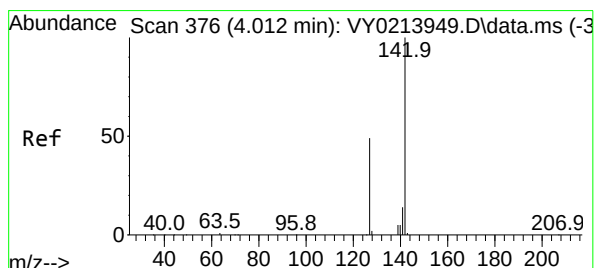
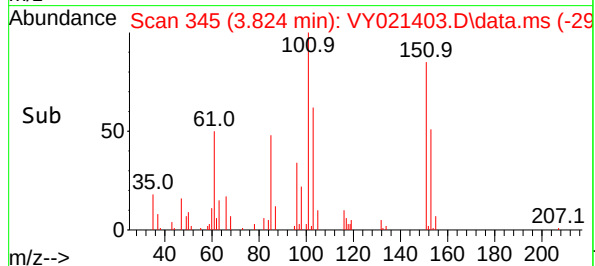
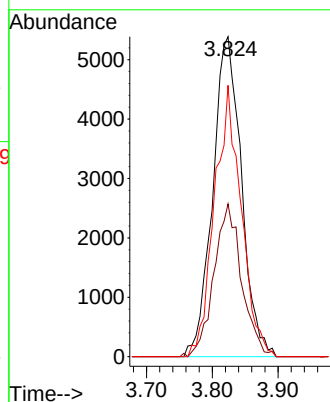
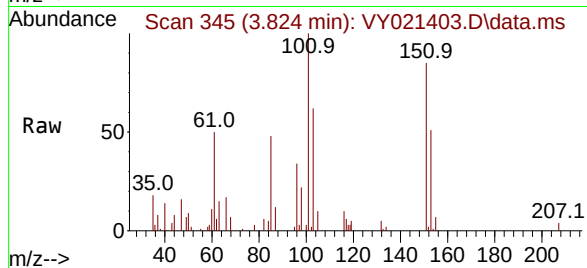
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.931 ug/l
RT: 3.824 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 16374
Ion Ratio Lower Upper
101 100
85 46.0 37.1 55.7
151 78.9 62.1 93.1

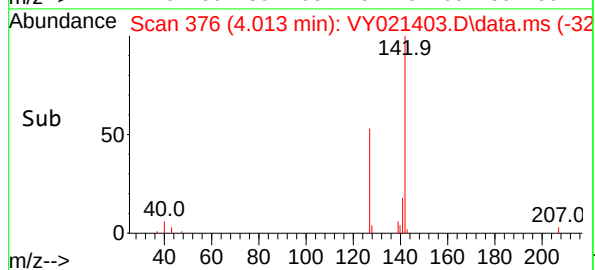
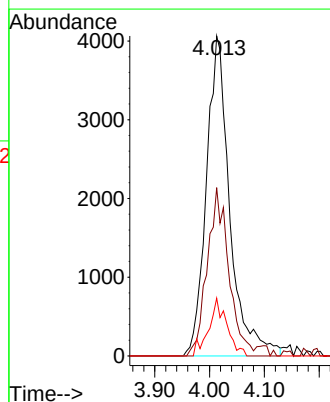
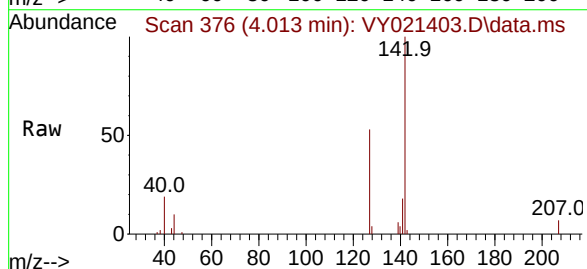
Manual Integrations
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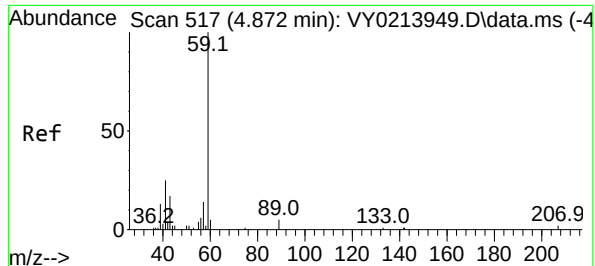
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#10
Methyl Iodide
Concen: 4.296 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

Tgt Ion:142 Resp: 12057
Ion Ratio Lower Upper
142 100
127 48.2 39.1 58.7
141 14.0 11.8 17.6





#11

Tert butyl alcohol

Concen: 24.295 ug/l

RT: 4.872 min Scan# 517

Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 59 Resp: 750

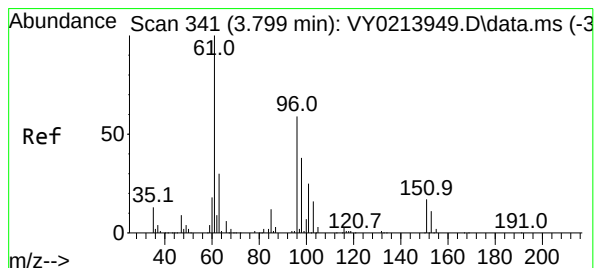
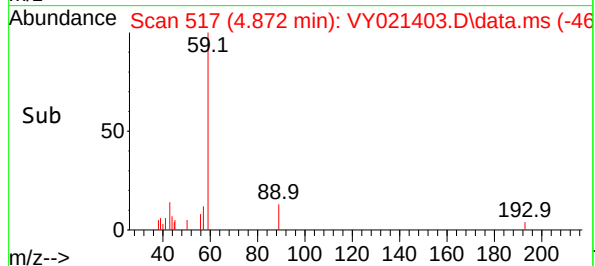
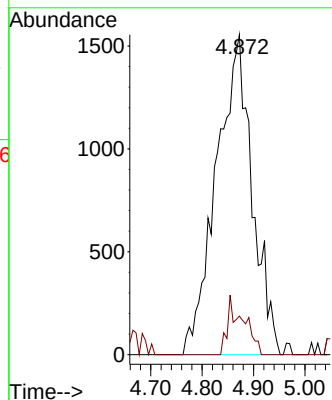
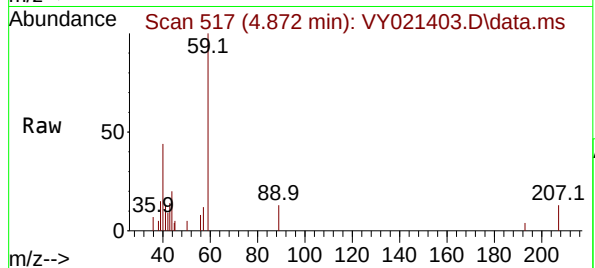
Ion Ratio Lower Upper

59 100

57 3.9 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#12

1,1-Dichloroethene

Concen: 5.515 ug/l

RT: 3.800 min Scan# 341

Delta R.T. 0.001 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

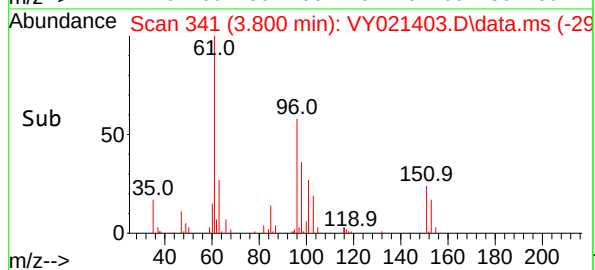
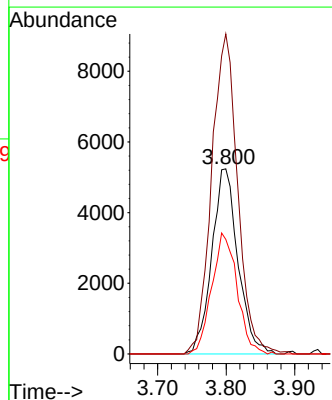
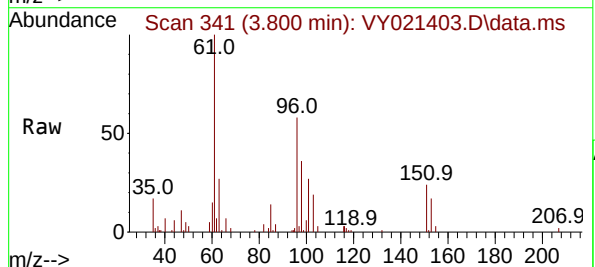
Tgt Ion: 96 Resp: 13880

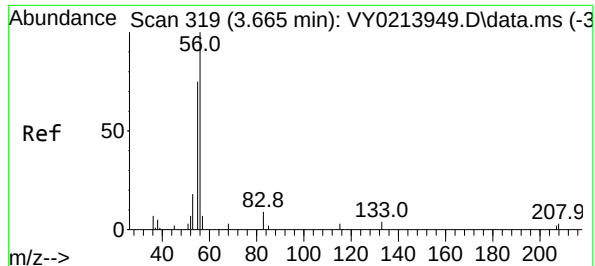
Ion Ratio Lower Upper

96 100

61 172.9 135.2 202.8

98 61.9 51.4 77.2





#13

Acrolein

Concen: 50.142 ug/l

RT: 3.653 min Scan# 317

Delta R.T. -0.012 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 56 Resp: 660

Ion Ratio Lower Upper

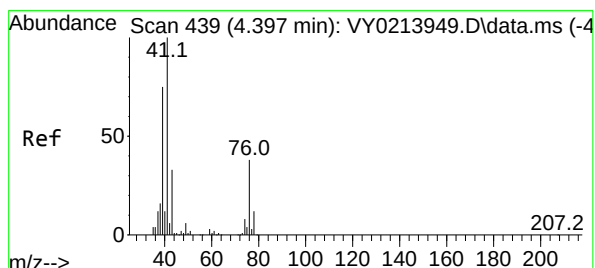
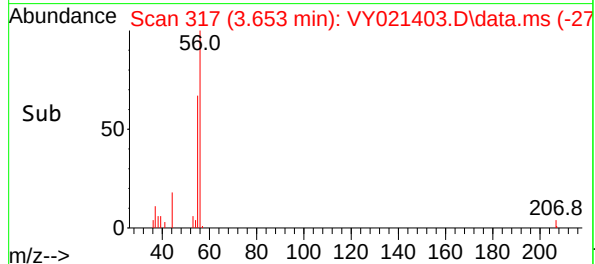
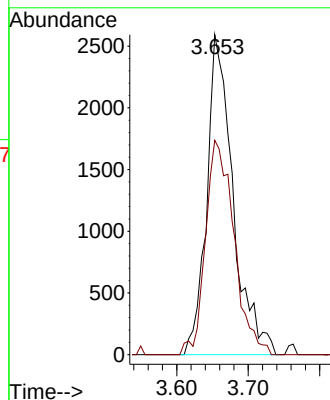
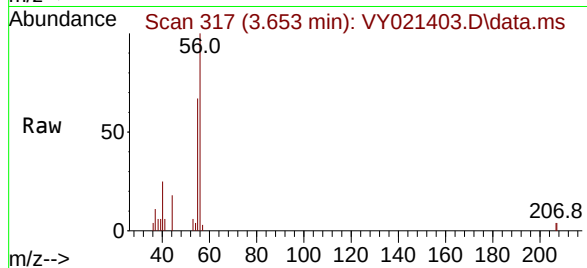
56 100

55 72.9 63.4 95.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#14

Allyl chloride

Concen: 5.317 ug/l

RT: 4.385 min Scan# 437

Delta R.T. -0.012 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

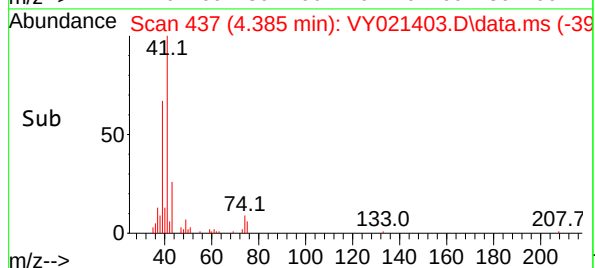
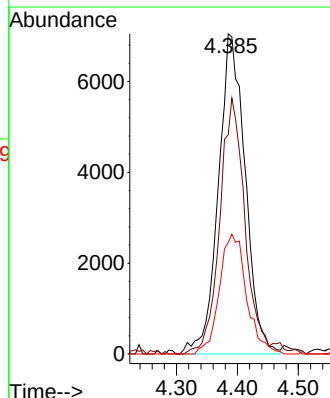
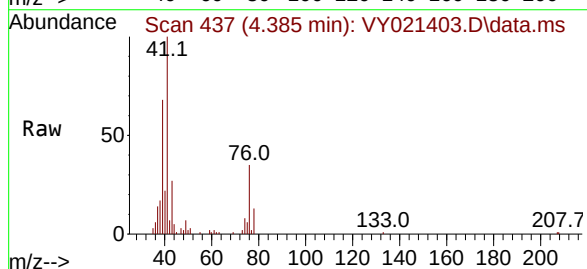
Tgt Ion: 41 Resp: 21629

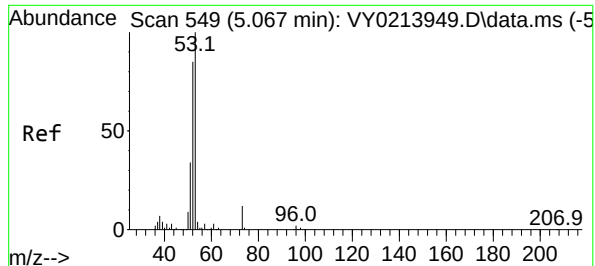
Ion Ratio Lower Upper

41 100

39 74.9 59.3 88.9

76 37.8 29.8 44.8





#15

Acrylonitrile

Concen: 26.189 ug/l

RT: 5.068 min Scan# 54

Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

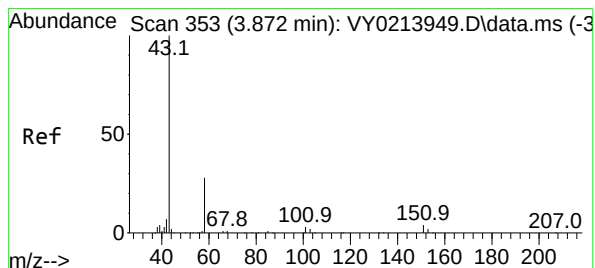
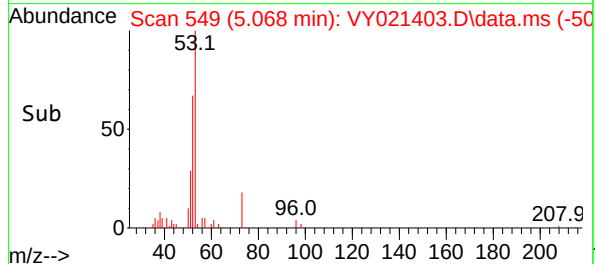
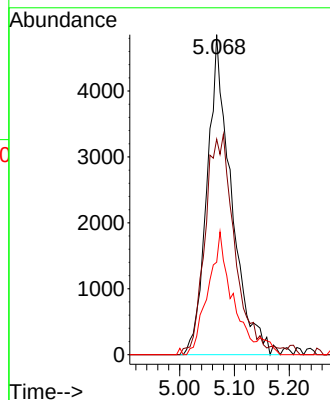
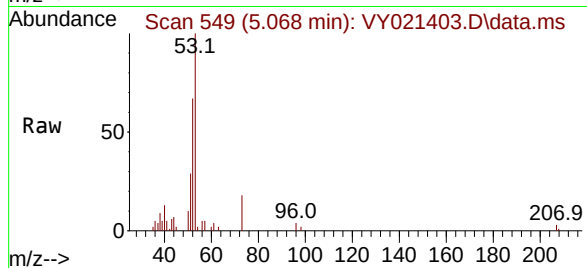
VSTDIC005

Tgt Ion: 53	Resp: 14939
Ion Ratio	Lower Upper
53 100	
52 83.0	66.3 99.5
51 37.4	30.3 45.5

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#16

Acetone

Concen: 31.204 ug/l

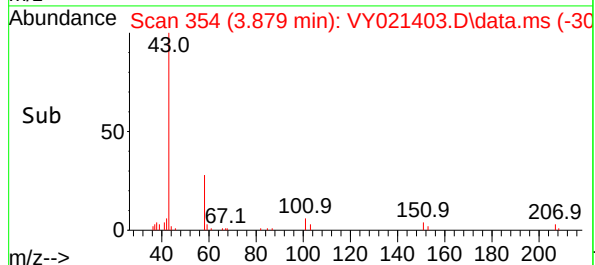
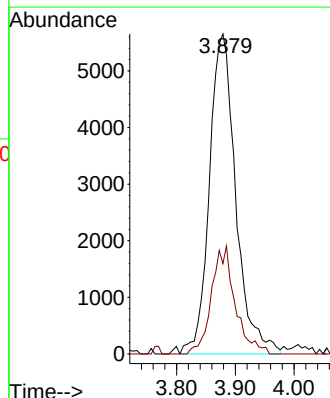
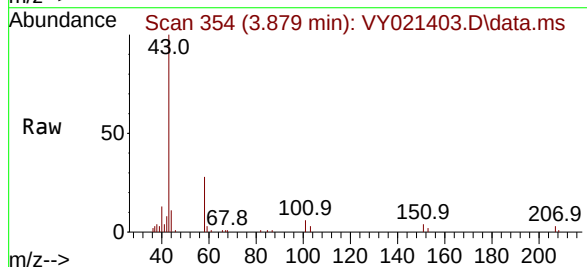
RT: 3.879 min Scan# 354

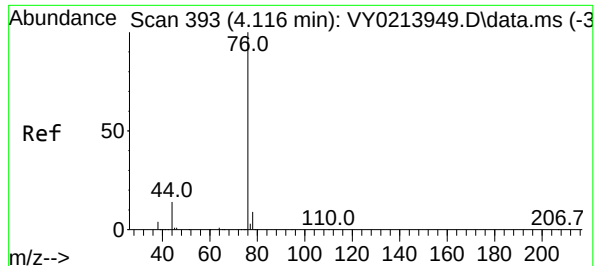
Delta R.T. 0.007 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Tgt Ion: 43	Resp: 17626
Ion Ratio	Lower Upper
43 100	
58 28.3	22.1 33.1





#17

Carbon Disulfide

Concen: 5.380 ug/l

RT: 4.110 min Scan# 393

Delta R.T. -0.006 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 42440

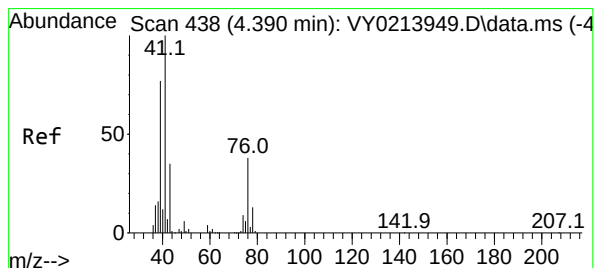
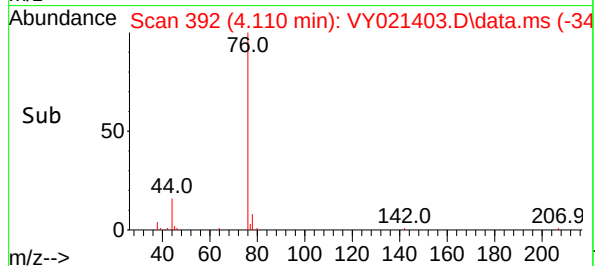
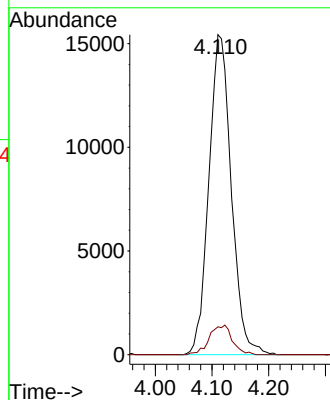
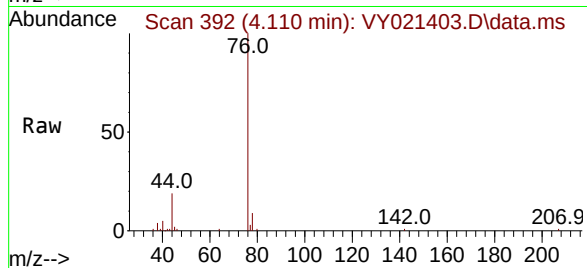
Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#18

Methyl Acetate

Concen: 5.235 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.000 min

Lab File: VY021403.D

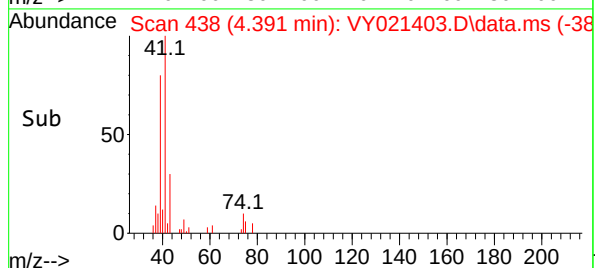
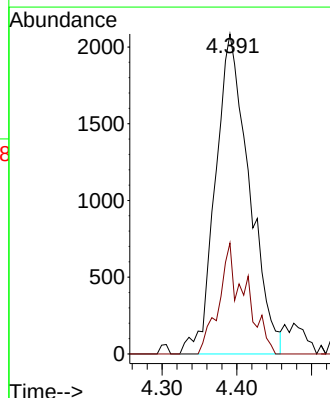
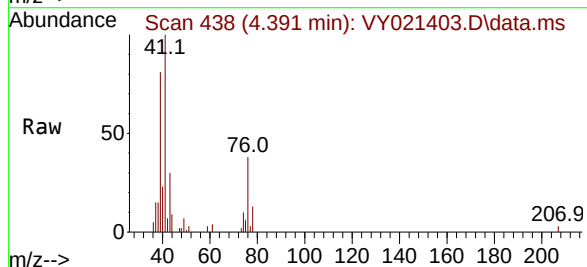
Acq: 04 Mar 2025 12:15

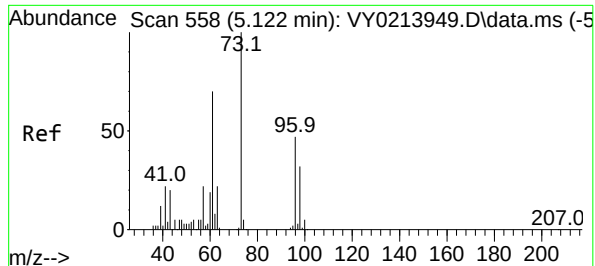
Tgt Ion: 43 Resp: 6561

Ion Ratio Lower Upper

43 100

74 27.2 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 5.239 ug/l

RT: 5.129 min Scan# 51

Delta R.T. 0.007 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 73 Resp: 33420

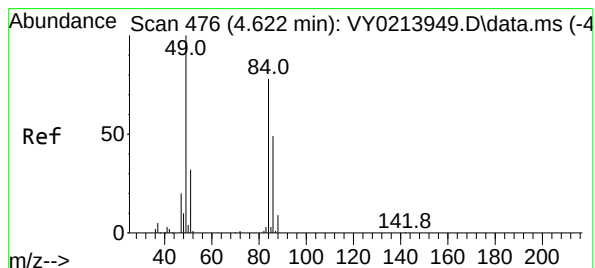
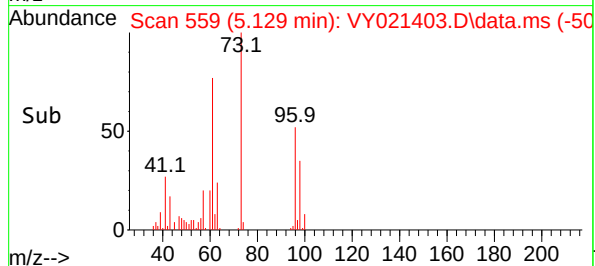
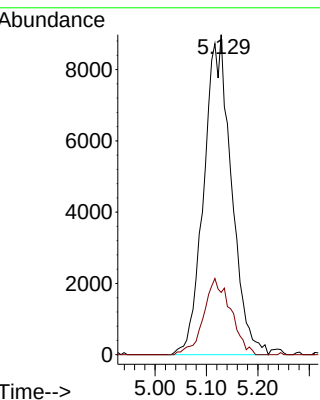
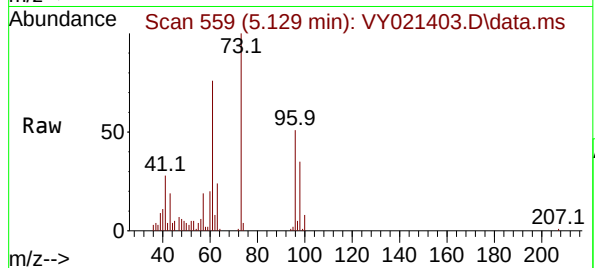
Ion Ratio Lower Upper

73 100

57 19.5 17.9 26.9

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#20

Methylene Chloride

Concen: 6.511 ug/l

RT: 4.629 min Scan# 477

Delta R.T. 0.007 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Tgt Ion: 84 Resp: 19304

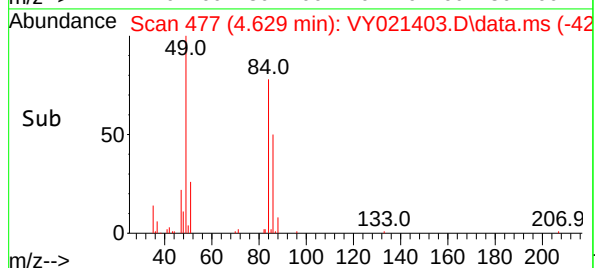
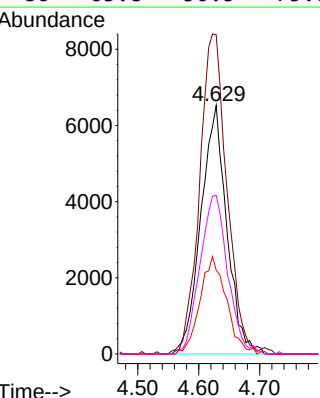
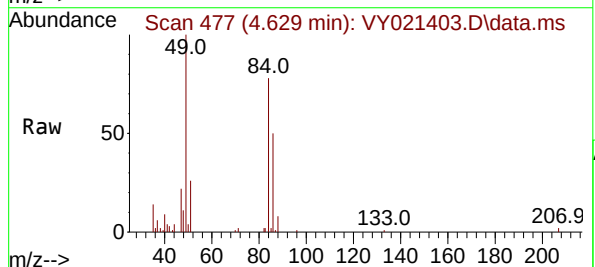
Ion Ratio Lower Upper

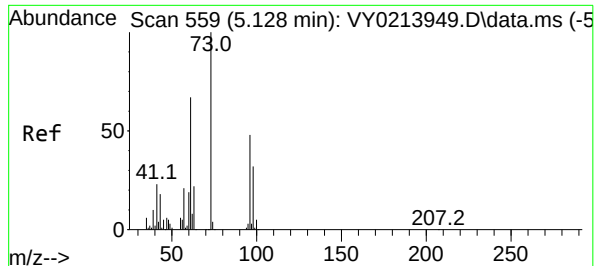
84 100

49 128.4 102.0 153.0

51 33.7 33.0 49.6

86 63.8 50.5 75.7





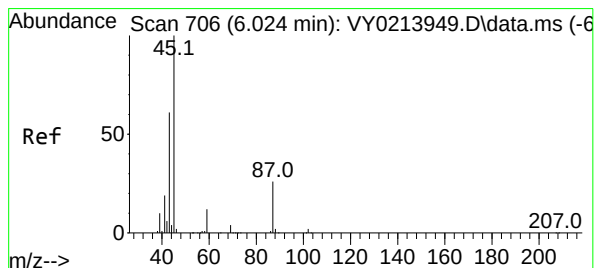
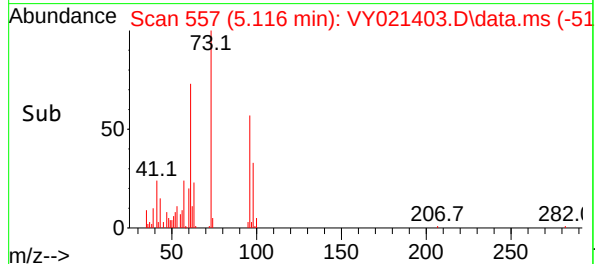
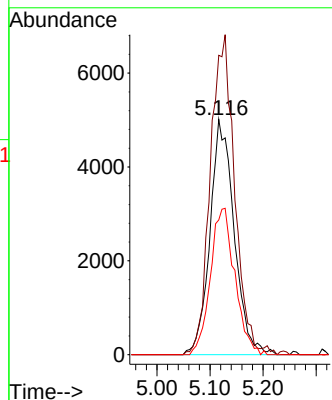
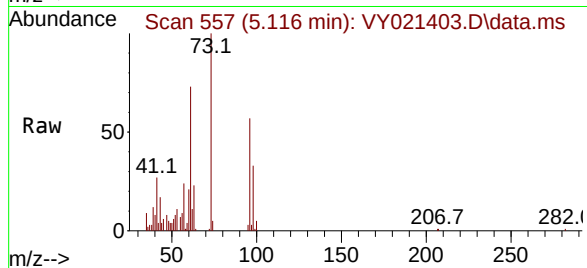
#21
trans-1,2-Dichloroethene
Concen: 5.629 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 96 Resp: 1586
Ion Ratio Lower Upper
96 100
61 127.2 111.5 167.3
98 57.2 53.8 80.8

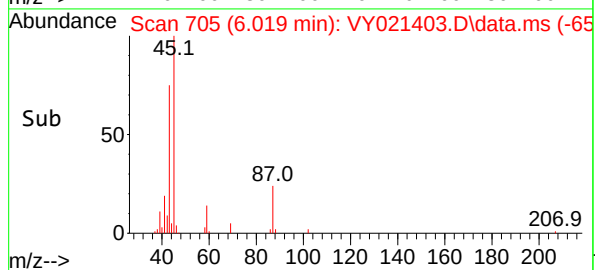
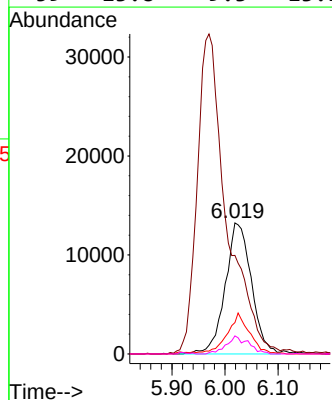
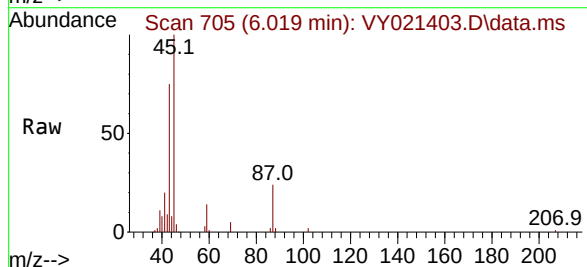
Manual Integrations
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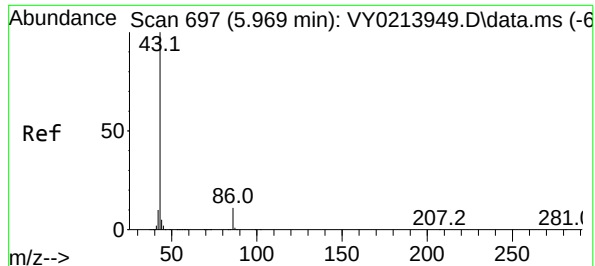
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#22
Diisopropyl ether
Concen: 5.161 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

Tgt Ion: 45 Resp: 45242
Ion Ratio Lower Upper
45 100
43 72.8 48.7 73.1
87 23.0 21.5 32.3
59 13.8 9.3 13.9





#23

Vinyl Acetate

Concen: 24.838 ug/l

RT: 5.970 min Scan# 697

Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 124260

Ion Ratio Lower Upper

43

100

86

12.2

8.5

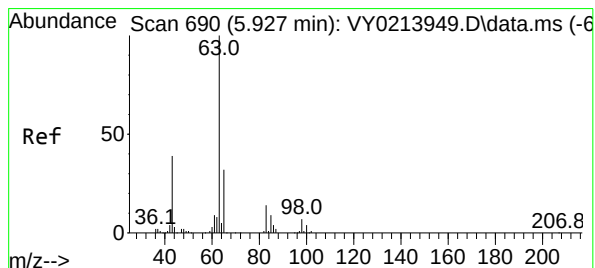
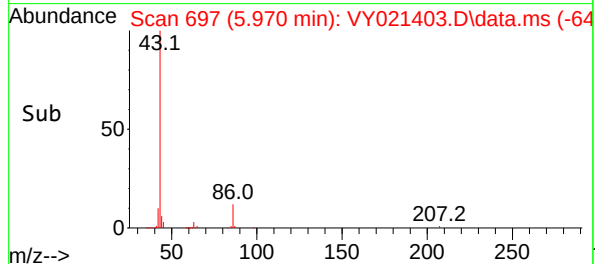
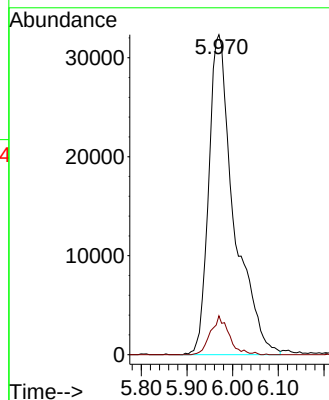
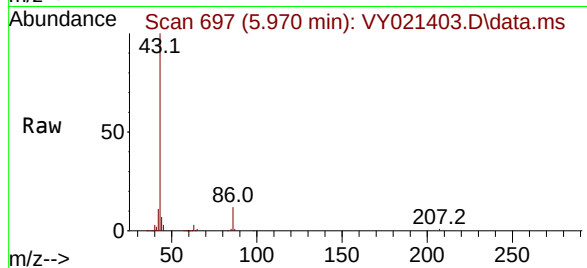
12.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#24

1,1-Dichloroethane

Concen: 5.583 ug/l

RT: 5.921 min Scan# 689

Delta R.T. -0.006 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Tgt Ion: 63 Resp: 28883

Ion Ratio Lower Upper

63

100

98

7.9

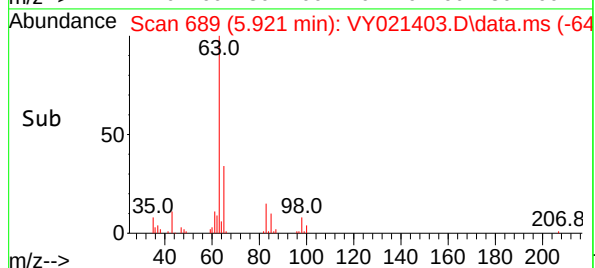
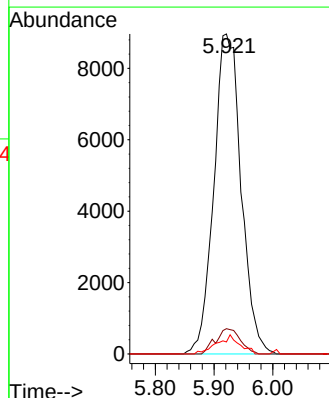
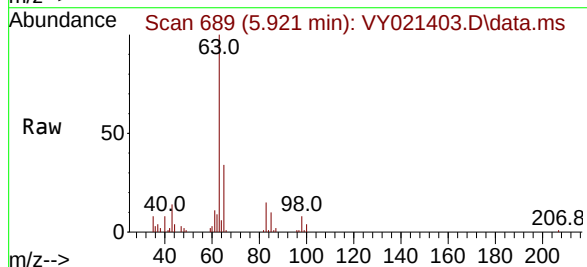
3.3

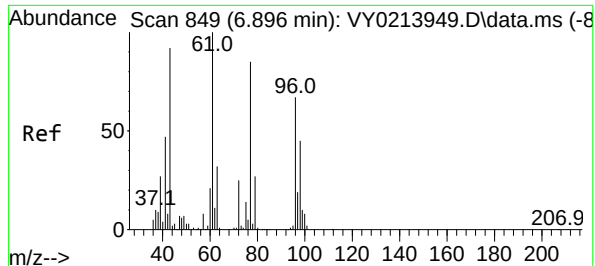
100

3.8

2.1

6.5





#25

2-Butanone

Concen: 28.249 ug/l

RT: 6.903 min Scan# 850

Delta R.T. 0.007 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 2207

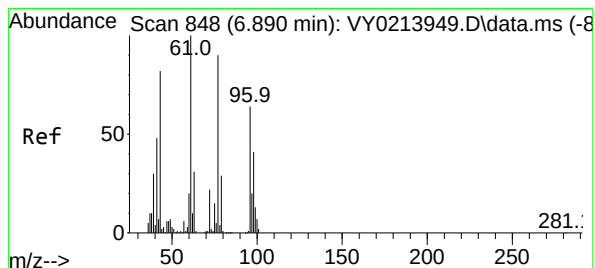
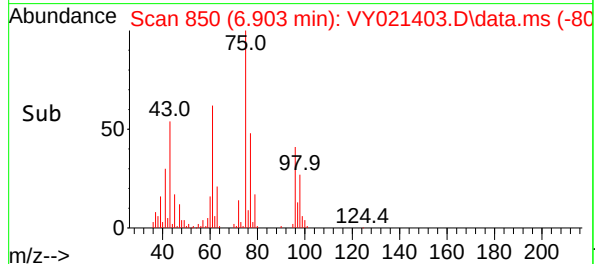
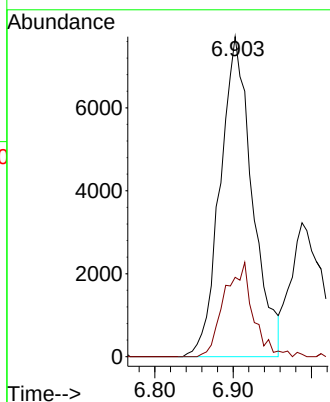
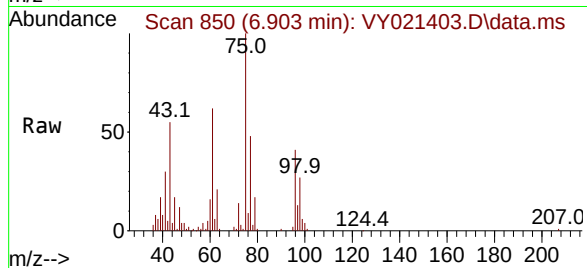
Ion Ratio Lower Upper

43 100

72 24.8 21.4 32.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#26

2,2-Dichloropropane

Concen: 5.694 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021403.D

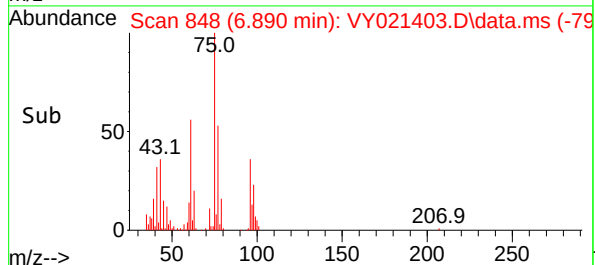
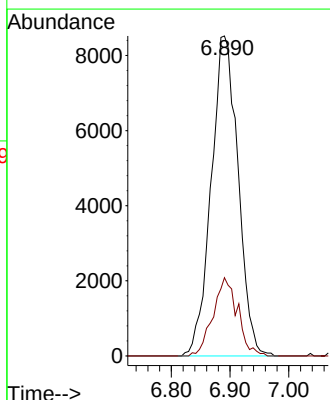
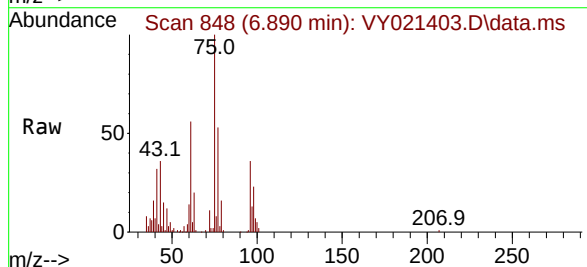
Acq: 04 Mar 2025 12:15

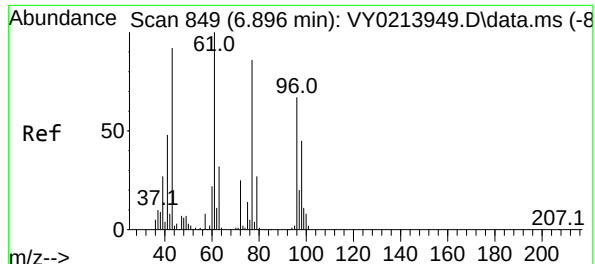
Tgt Ion: 77 Resp: 27105

Ion Ratio Lower Upper

77 100

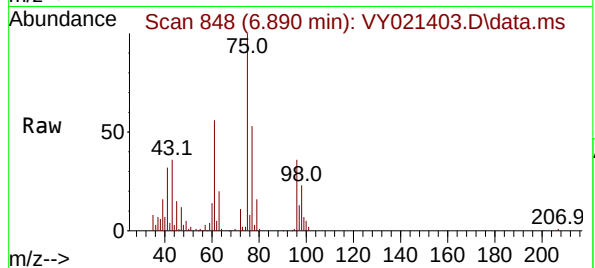
97 22.4 11.3 33.8





#27
cis-1,2-Dichloroethene
Concen: 5.371 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

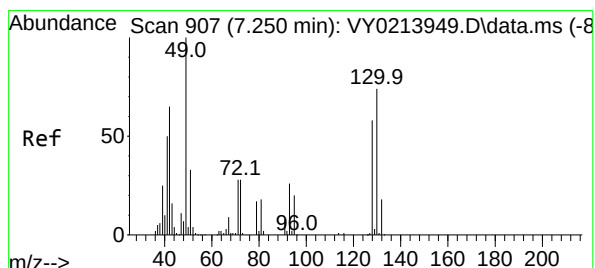
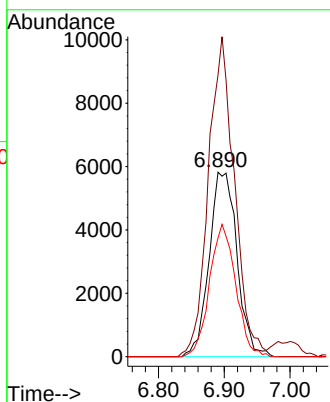
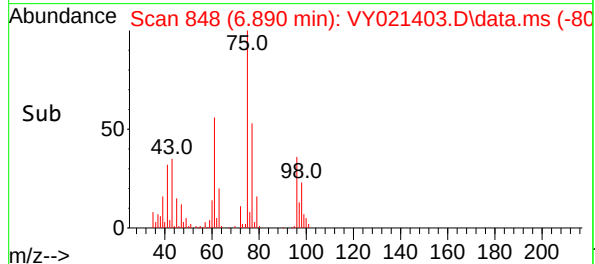
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 96 Resp: 17198
Ion Ratio Lower Upper
96 100
61 161.9 0.0 300.8
98 67.4 0.0 130.0

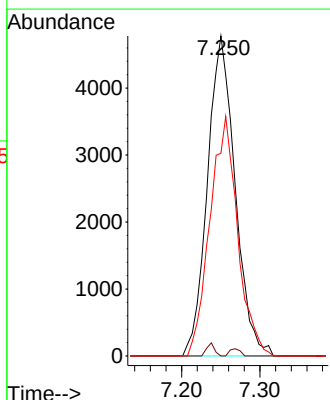
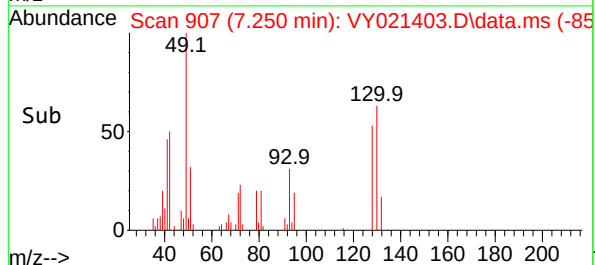
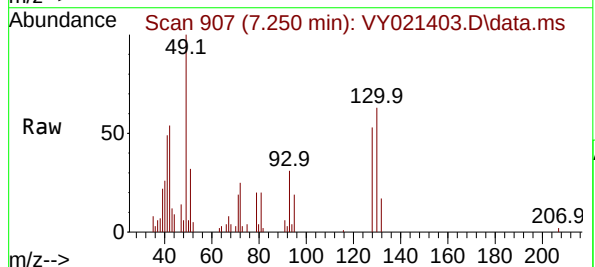
Manual Integrations
APPROVED

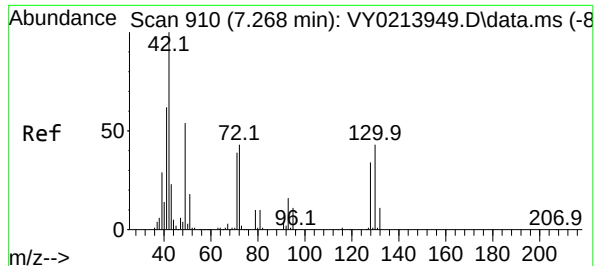
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#28
Bromochloromethane
Concen: 5.403 ug/l
RT: 7.250 min Scan# 907
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

Tgt Ion: 49 Resp: 11718
Ion Ratio Lower Upper
49 100
129 0.9 0.0 4.2
130 75.1 59.6 89.4





#29

Tetrahydrofuran

Concen: 26.305 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.007 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 42 Resp: 12689

Ion Ratio Lower Upper

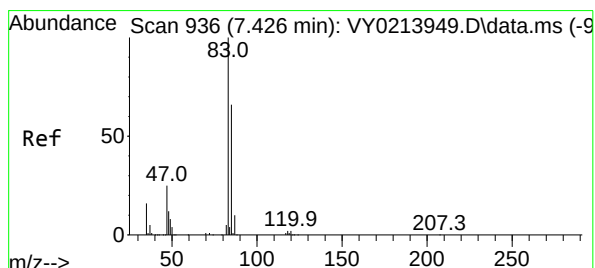
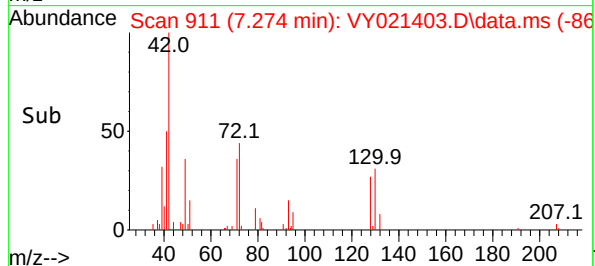
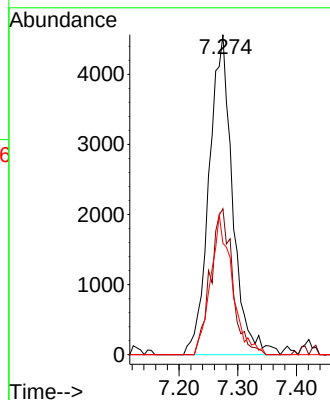
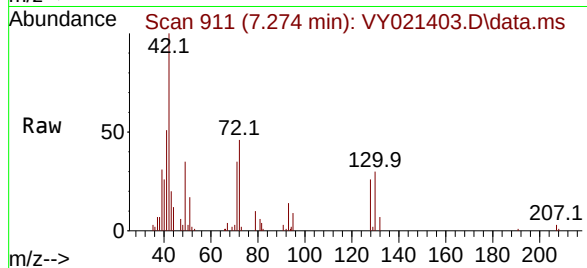
42 100

72 42.6 34.8 52.2

71 40.0 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#30

Chloroform

Concen: 5.575 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.000 min

Lab File: VY021403.D

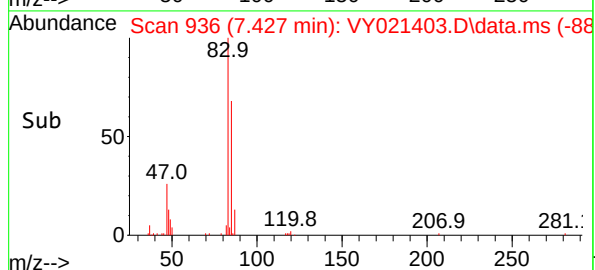
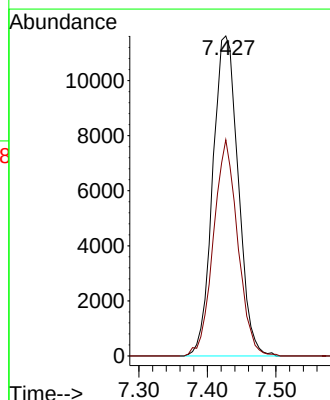
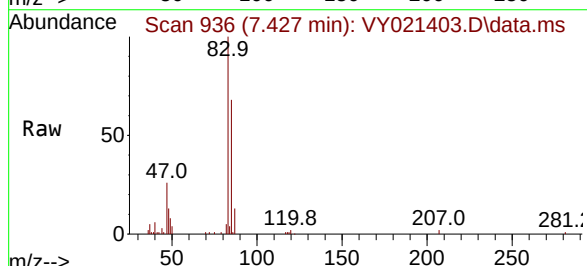
Acq: 04 Mar 2025 12:15

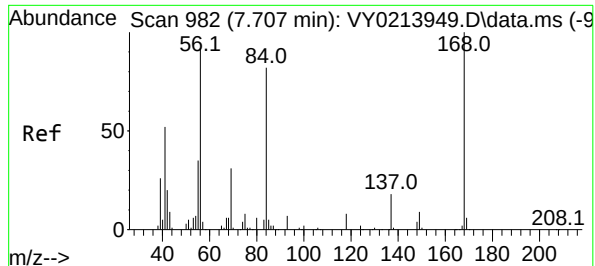
Tgt Ion: 83 Resp: 29950

Ion Ratio Lower Upper

83 100

85 67.5 53.1 79.7





#31

Cyclohexane

Concen: 6.145 ug/l

RT: 7.701 min Scan# 982

Delta R.T. -0.006 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion: 56 Resp: 29800

Ion Ratio Lower Upper

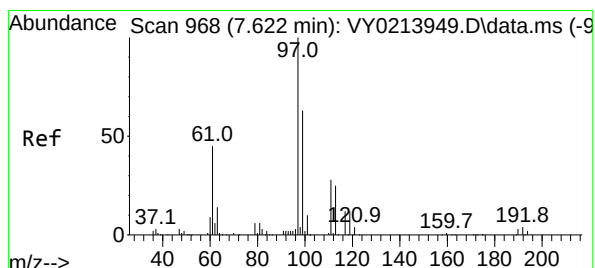
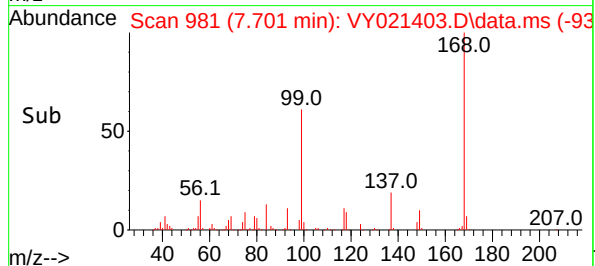
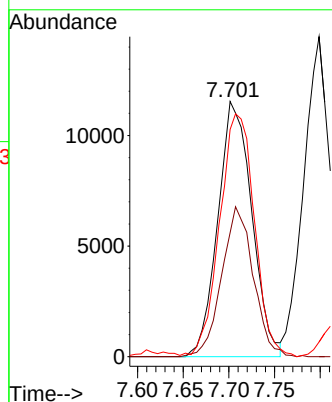
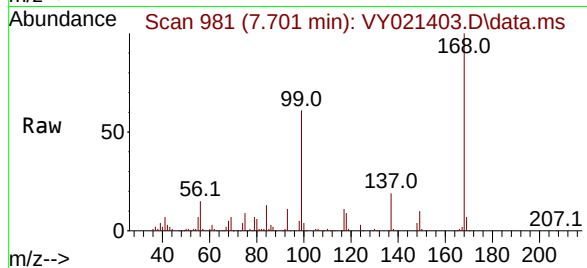
56 100

69 48.6 27.0 40.4

84 88.5 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#32

1,1,1-Trichloroethane

Concen: 5.734 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

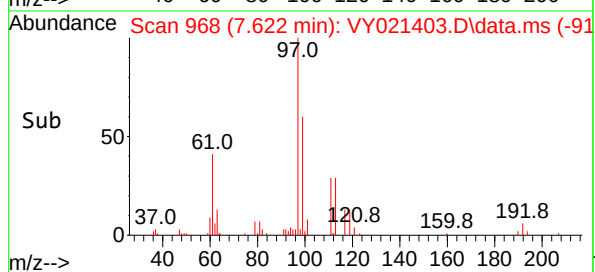
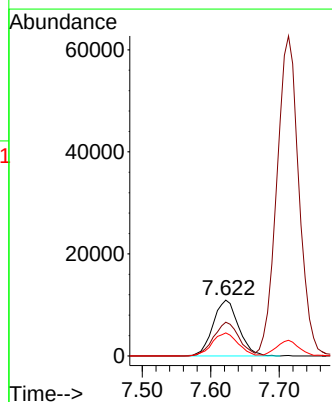
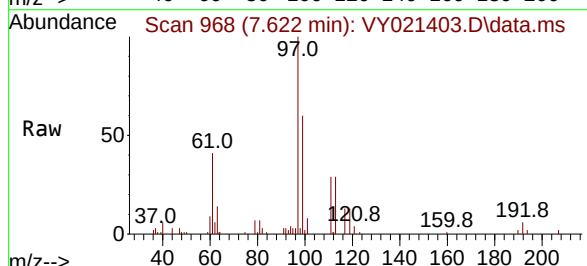
Tgt Ion: 97 Resp: 28207

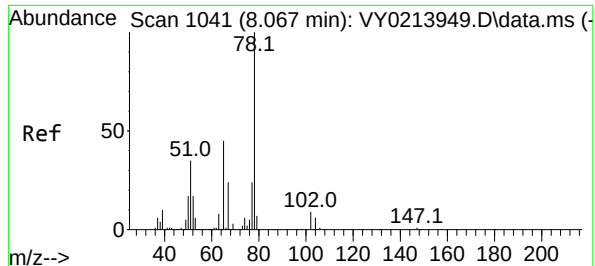
Ion Ratio Lower Upper

97 100

99 60.1 51.7 77.5

61 42.3 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 5.733 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 1484

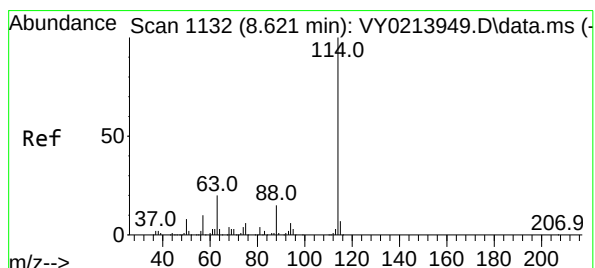
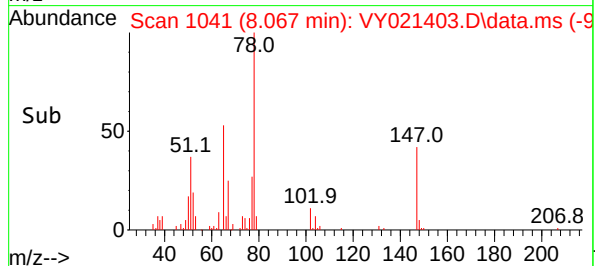
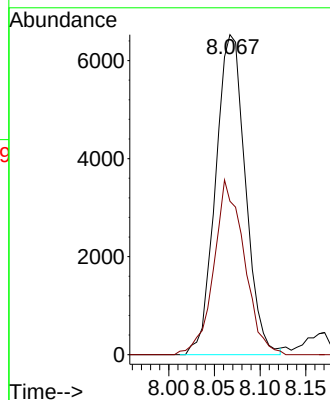
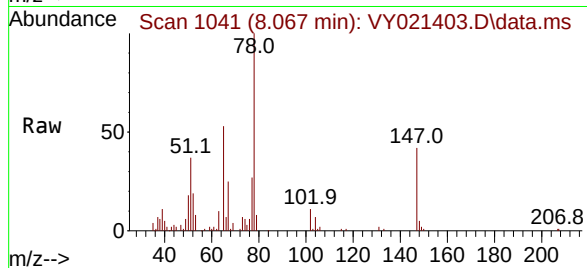
Ion Ratio Lower Upper

65 100

67 55.6 0.0 102.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

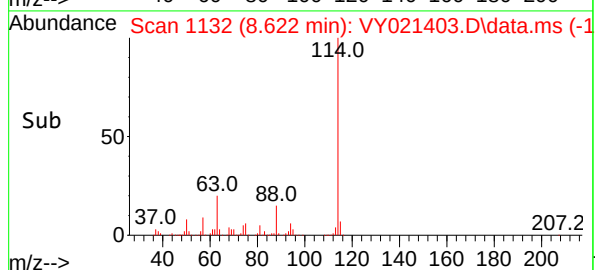
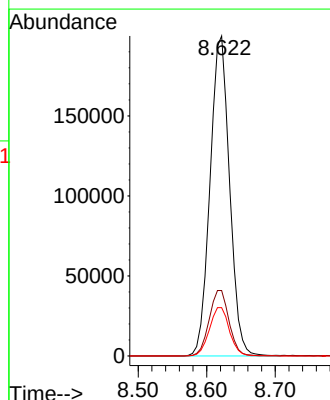
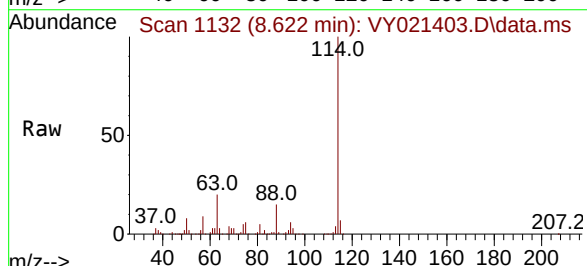
Tgt Ion:114 Resp: 394876

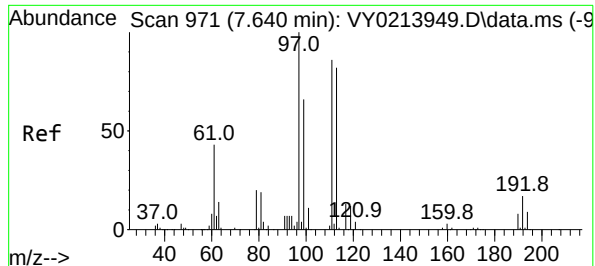
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

88 15.1 0.0 30.8





#35

Dibromofluoromethane

Concen: 5.637 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion:113 Resp: 1463

Ion Ratio Lower Upper

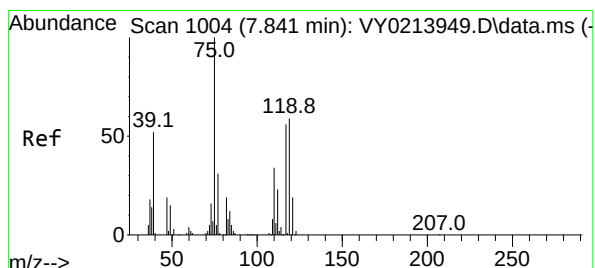
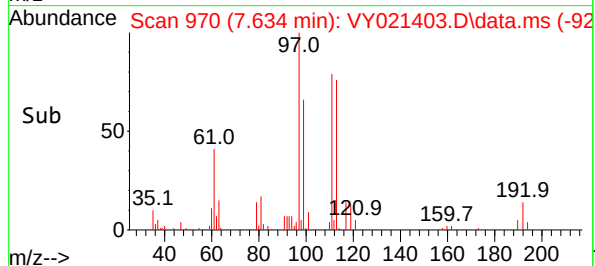
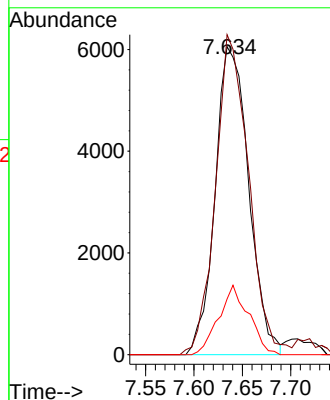
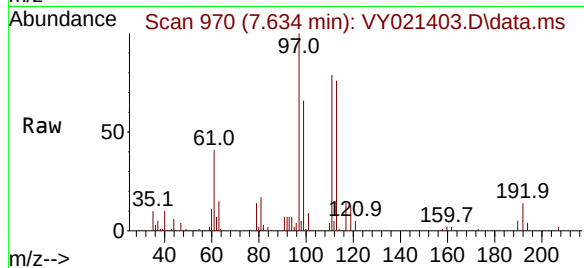
113 100

111 102.0 82.0 123.0

192 20.1 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#36

1,1-Dichloropropene

Concen: 5.340 ug/l

RT: 7.841 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

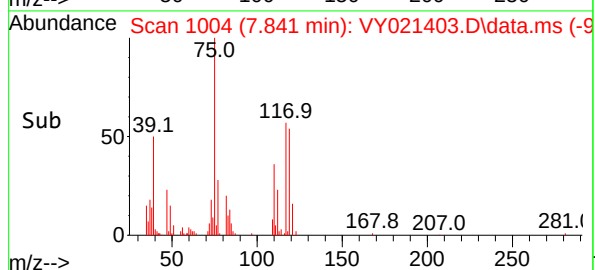
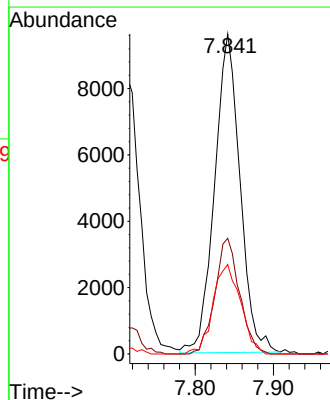
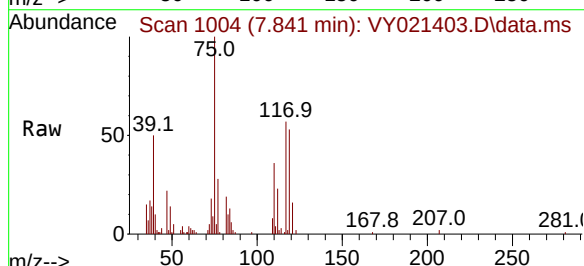
Tgt Ion: 75 Resp: 21694

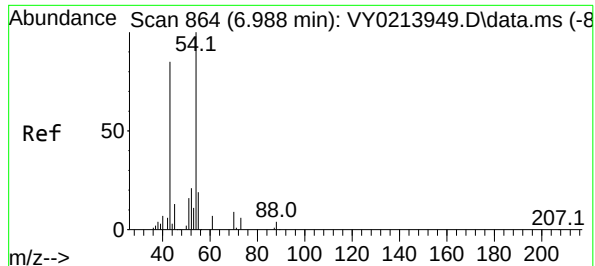
Ion Ratio Lower Upper

75 100

110 35.1 17.3 51.7

77 30.4 25.4 38.2





#37

Ethyl Acetate

Concen: 5.205 ug/l m

RT: 6.988 min Scan# 864

Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

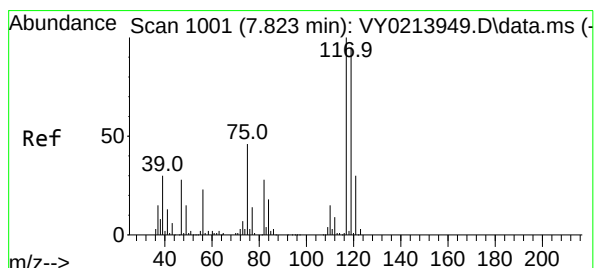
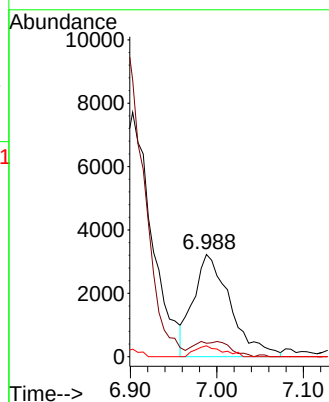
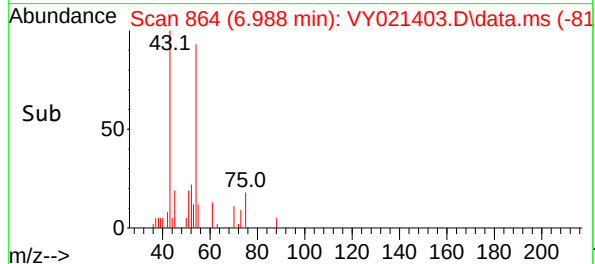
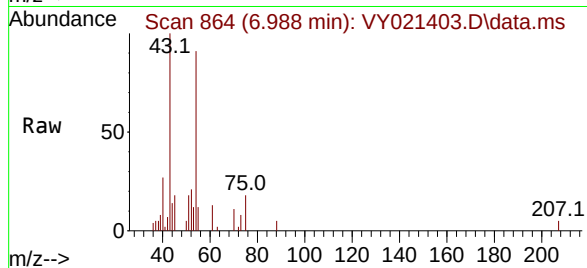
VSTDICC005

Tgt Ion:	43	Resp:	9539
Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.4	17.0
70	7.9	8.2	12.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#38

Carbon Tetrachloride

Concen: 5.281 ug/l

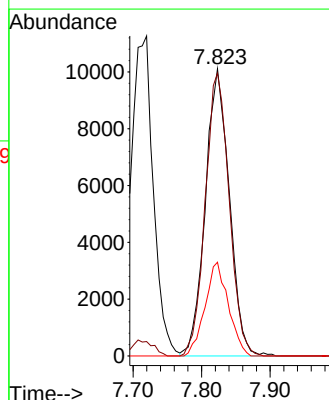
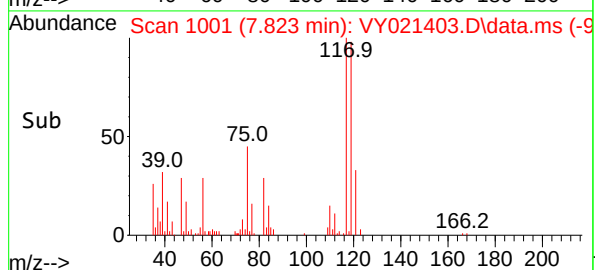
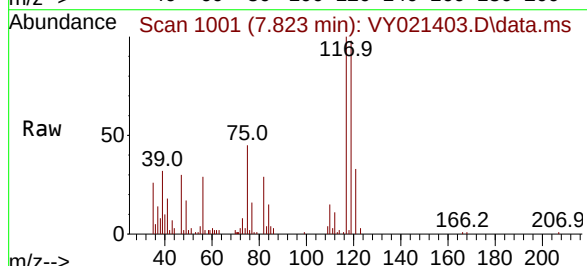
RT: 7.823 min Scan# 1001

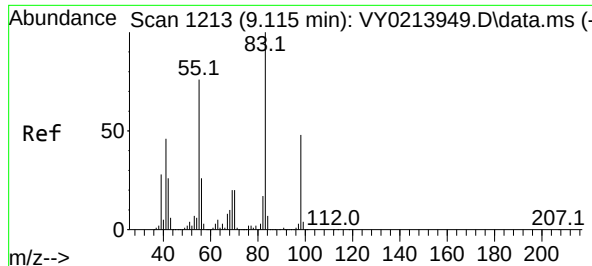
Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Tgt Ion:	117	Resp:	24674
Ion	Ratio	Lower	Upper
117	100		
119	98.5	75.8	113.8
121	32.7	23.9	35.9





#39

Methylcyclohexane

Concen: 5.079 ug/l

RT: 9.110 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

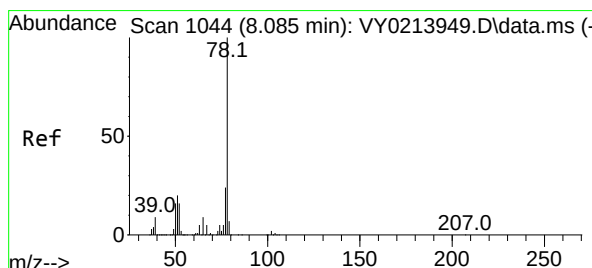
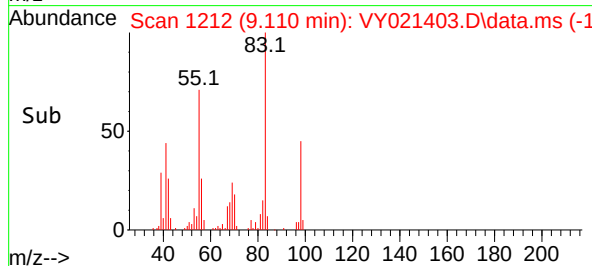
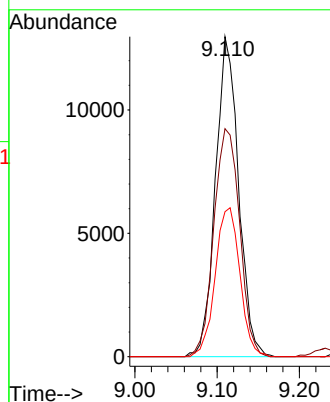
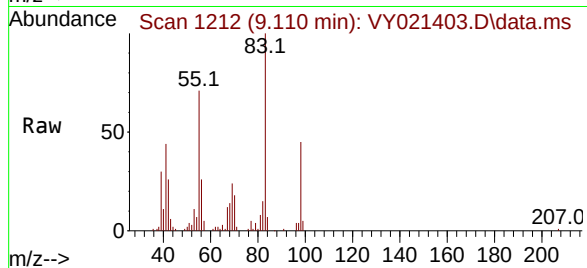
VSTDIC005

Tgt Ion:	83	Resp:	2531
Ion	Ratio	Lower	Upper
83	100		
55	71.2	60.7	91.1
98	45.3	38.6	57.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#40

Benzene

Concen: 5.339 ug/l

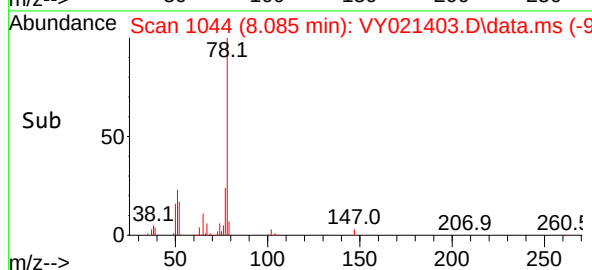
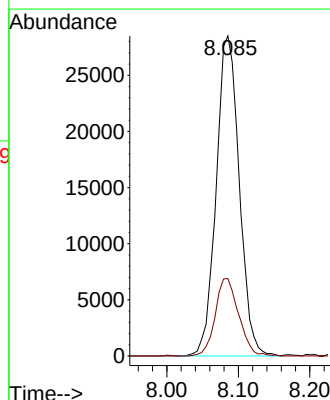
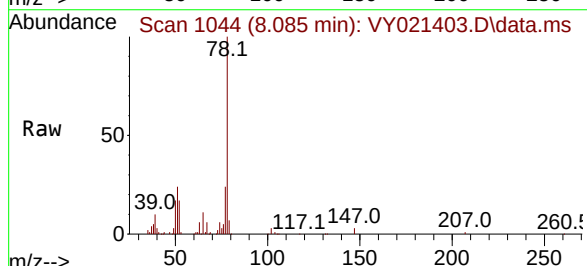
RT: 8.085 min Scan# 1044

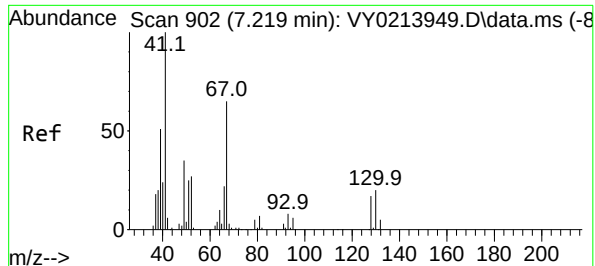
Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Tgt Ion:	78	Resp:	63894
Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.0	28.4





#41

Methacrylonitrile

Concen: 4.834 ug/l

RT: 7.232 min Scan# 904

Delta R.T. 0.013 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 41 Resp: 482

Ion Ratio Lower Upper

41 100

39 60.3 35.0 52.6

67 74.9 61.2 91.8

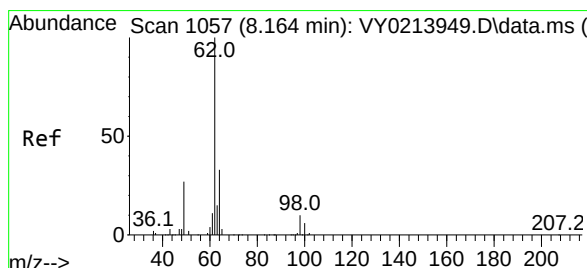
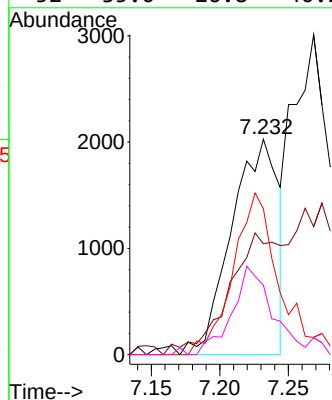
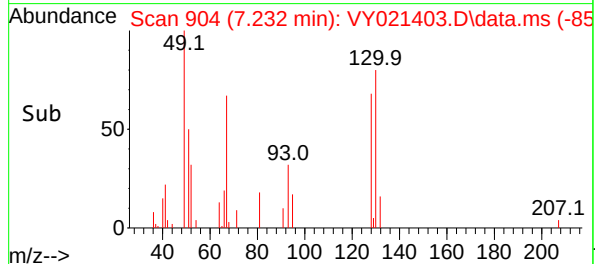
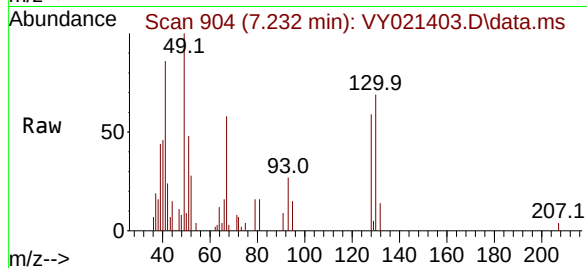
52 35.0 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#42

1,2-Dichloroethane

Concen: 5.348 ug/l

RT: 8.158 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VY021403.D

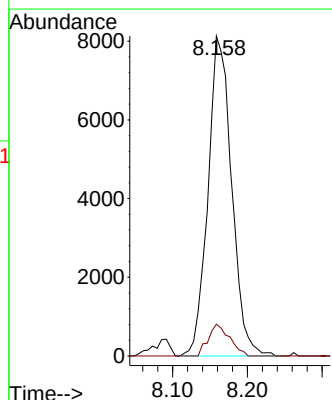
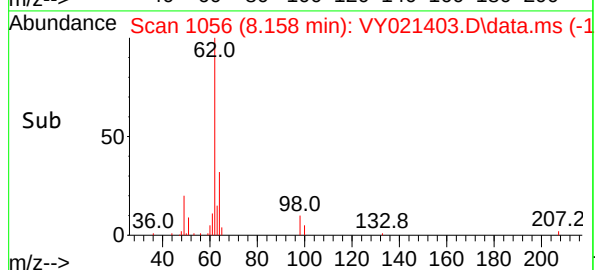
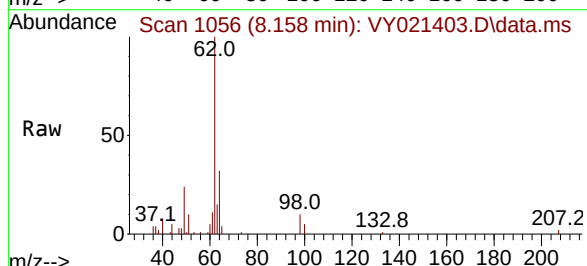
Acq: 04 Mar 2025 12:15

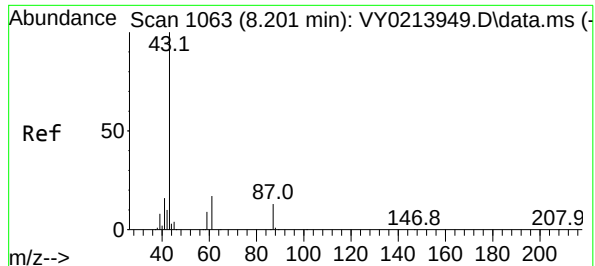
Tgt Ion: 62 Resp: 17906

Ion Ratio Lower Upper

62 100

98 8.9 0.0 18.2





#43

Isopropyl Acetate

Concen: 5.168 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

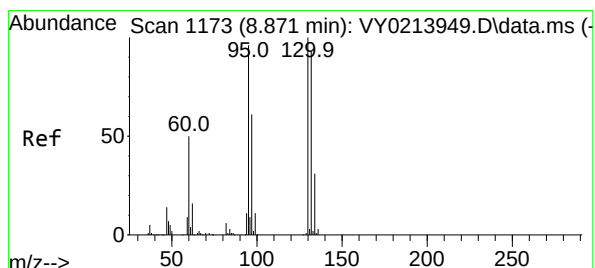
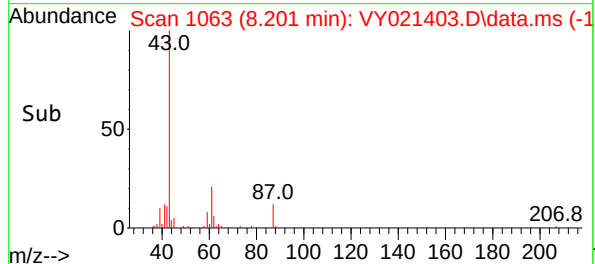
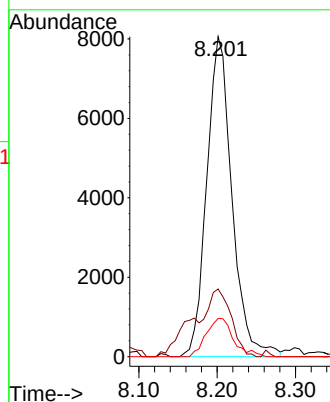
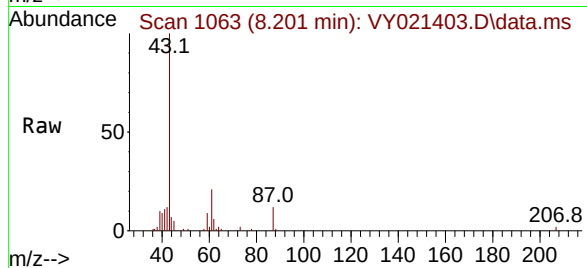
VSTDIC005

Tgt Ion:	43	Resp:	18010
Ion	Ratio	Lower	Upper
43	100		
61	31.1	23.4	35.0
87	12.9	10.5	15.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#44

Trichloroethene

Concen: 5.417 ug/l

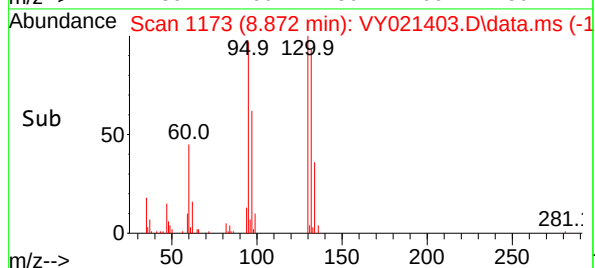
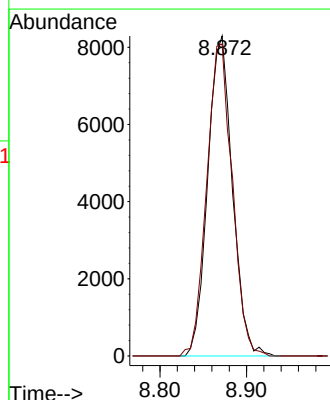
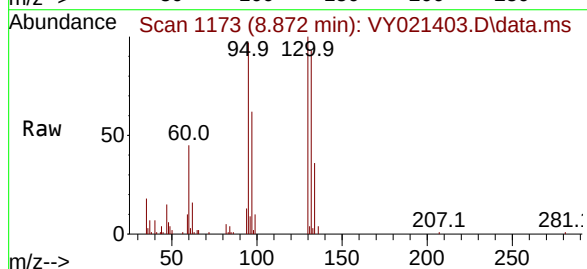
RT: 8.872 min Scan# 1173

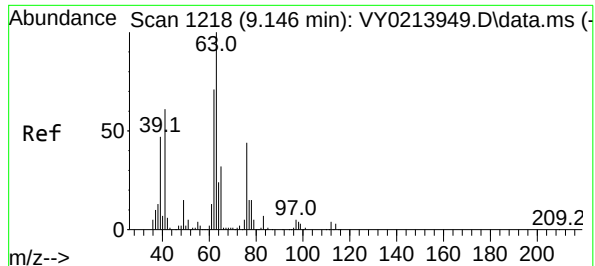
Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Tgt Ion:	130	Resp:	16384
Ion	Ratio	Lower	Upper
130	100		
95	97.5	0.0	191.6





#45

1,2-Dichloropropane

Concen: 5.372 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 1530

Ion Ratio Lower Upper

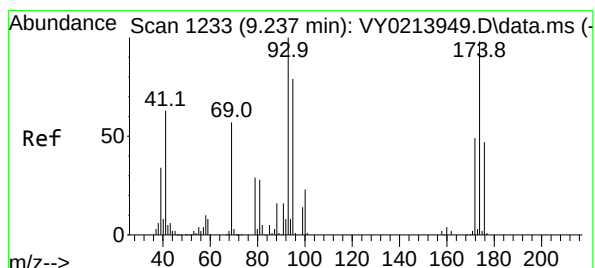
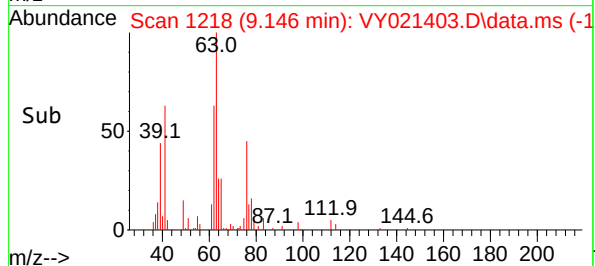
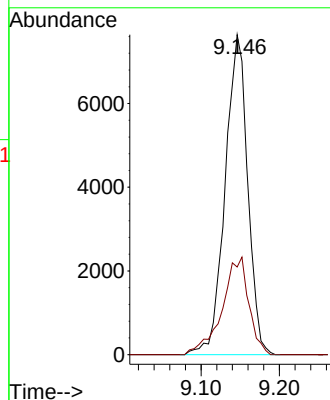
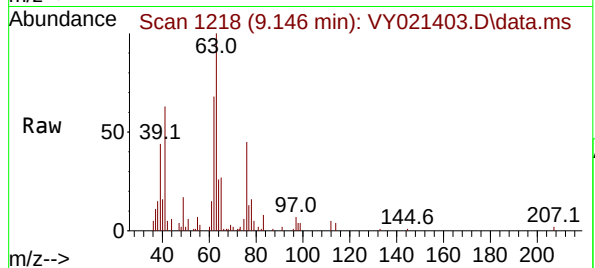
63 100

65 27.4 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#46

Dibromomethane

Concen: 5.181 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

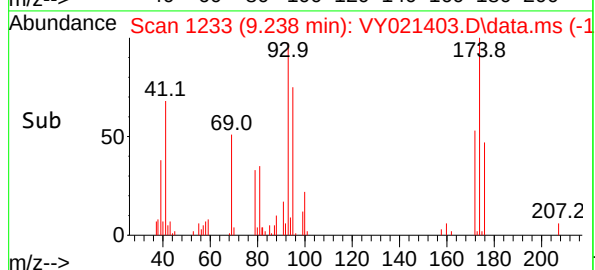
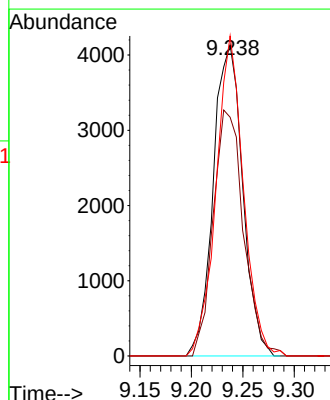
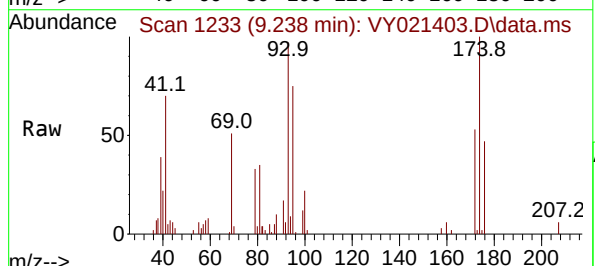
Tgt Ion: 93 Resp: 8211

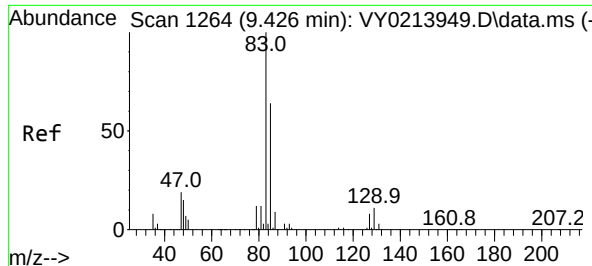
Ion Ratio Lower Upper

93 100

95 81.5 65.8 98.8

174 95.9 77.9 116.9





#47

Bromodichloromethane

Concen: 5.247 ug/l

RT: 9.427 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

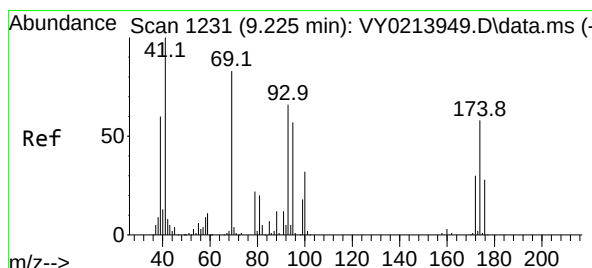
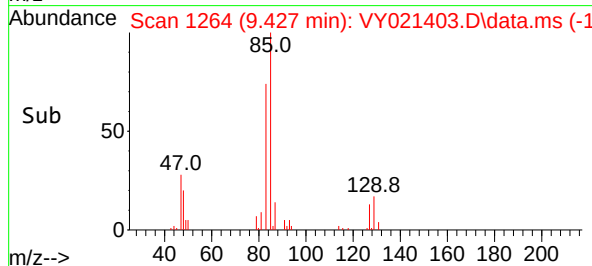
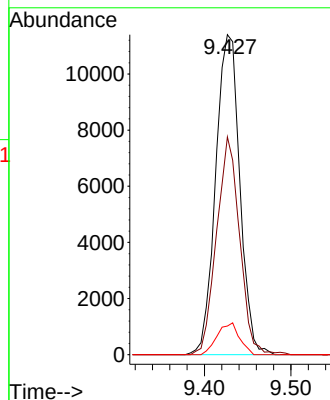
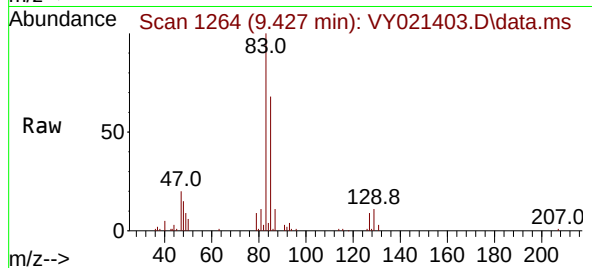
VSTDIC005

Tgt Ion: 83	Resp: 2208
Ion Ratio	Lower Upper
83 100	
85 68.0	51.1 76.7
127 9.0	6.7 10.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#48

Methyl methacrylate

Concen: 4.568 ug/l

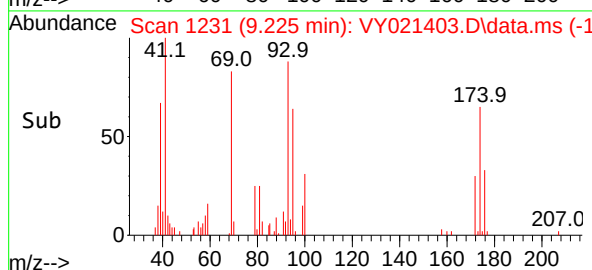
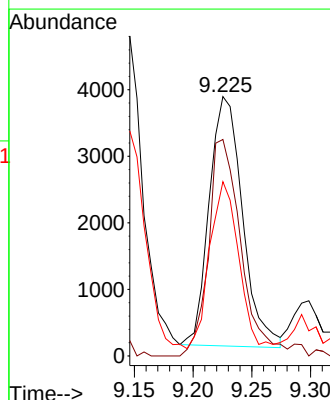
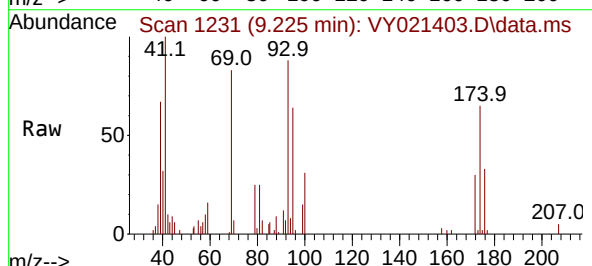
RT: 9.225 min Scan# 1231

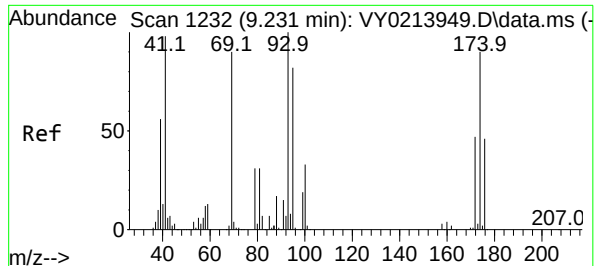
Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Tgt Ion: 41	Resp: 7383
Ion Ratio	Lower Upper
41 100	
69 87.1	67.8 101.8
39 59.5	46.4 69.6





#49

1,4-Dioxane

Concen: 91.537 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

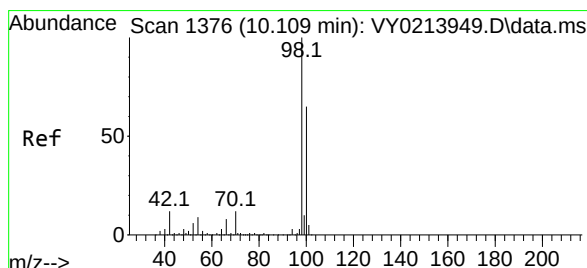
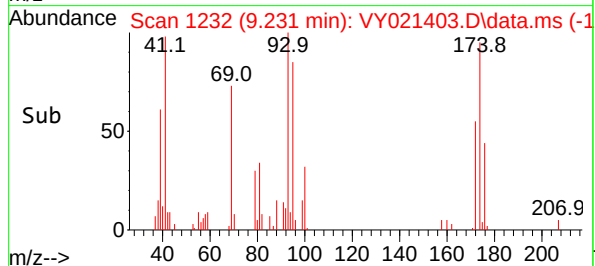
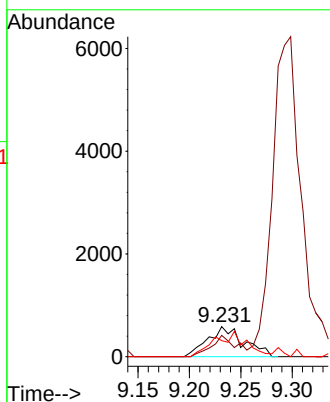
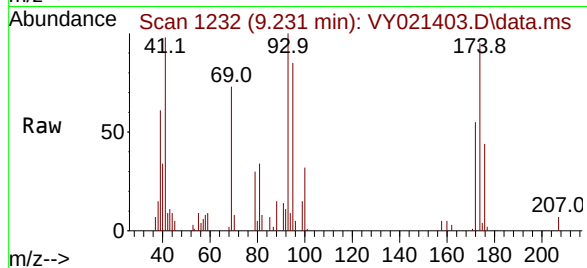
VSTDIC005

Tgt Ion:	88	Resp:	1424
Ion	Ratio	Lower	Upper
88	100		
43	48.4	25.0	37.4
58	74.3	58.4	87.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#50

Toluene-d8

Concen: 5.562 ug/l

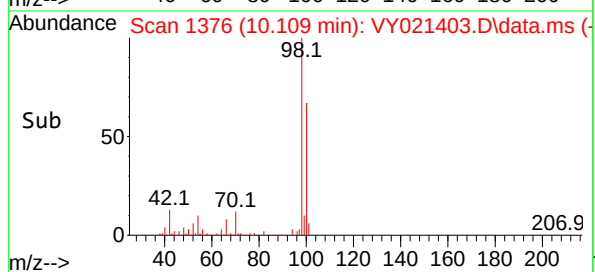
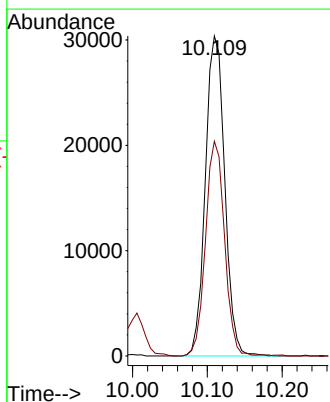
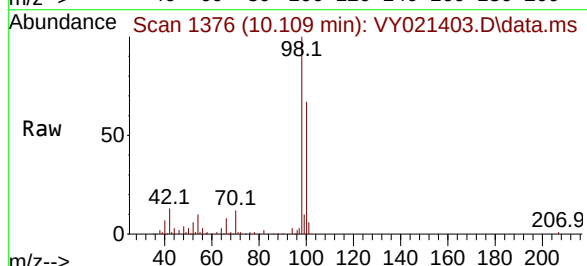
RT: 10.109 min Scan# 1376

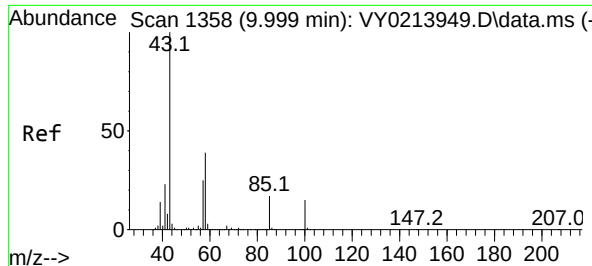
Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

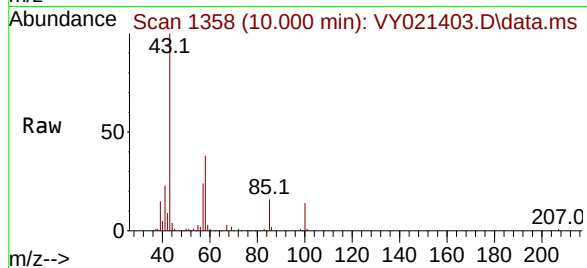
Tgt Ion:	98	Resp:	54665
Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.1	78.1





#51
4-Methyl-2-Pentanone
Concen: 24.077 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

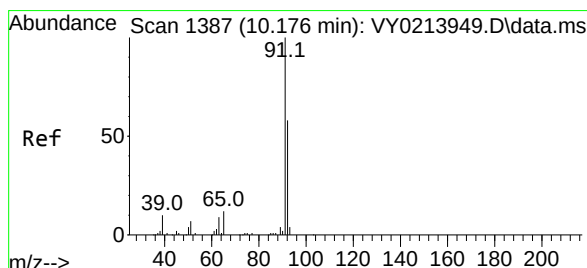
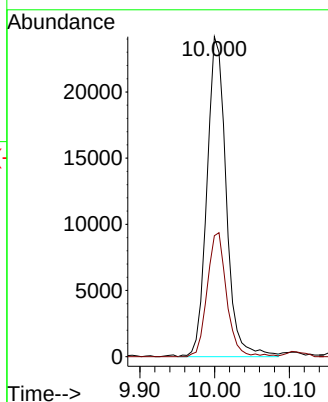
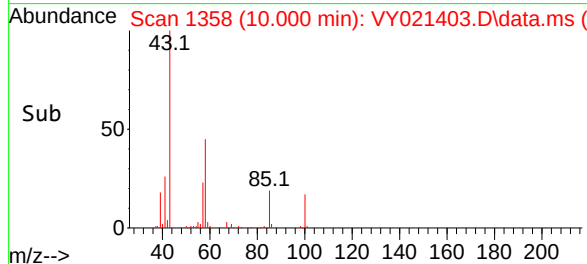
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 43300
Ion Ratio Lower Upper
43 100
58 39.1 31.4 47.2

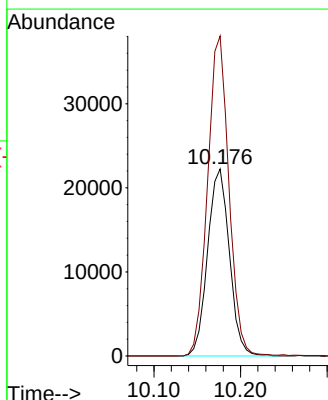
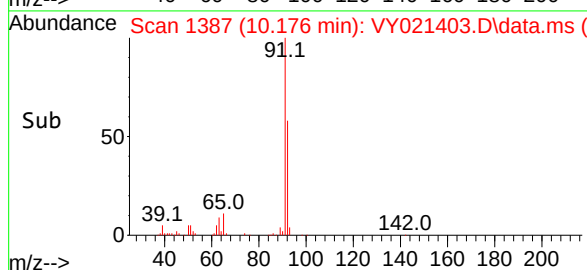
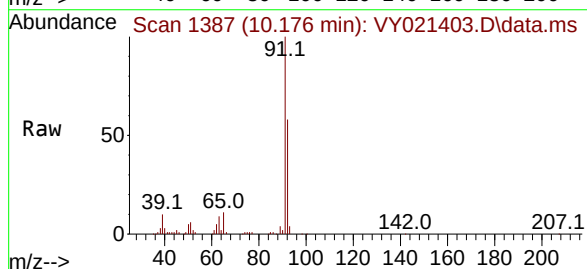
Manual Integrations
APPROVED

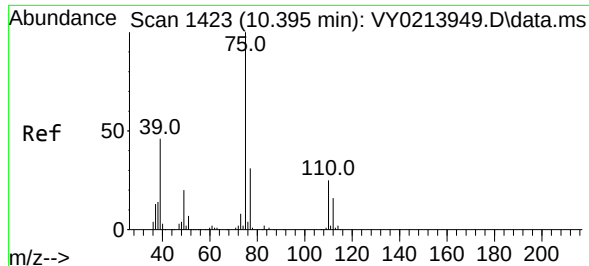
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#52
Toluene
Concen: 5.146 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

Tgt Ion: 92 Resp: 38833
Ion Ratio Lower Upper
92 100
91 167.3 138.2 207.2





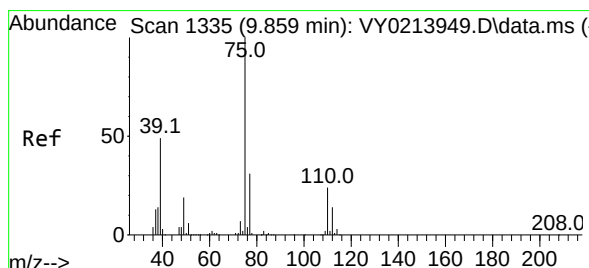
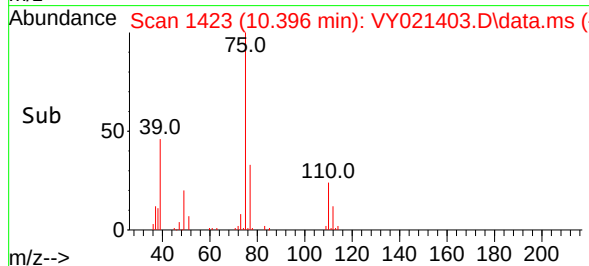
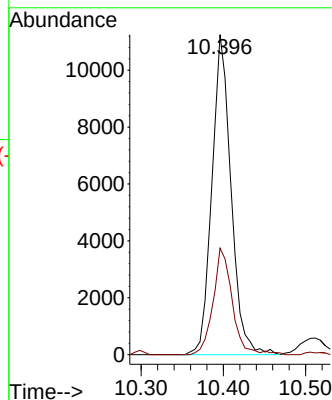
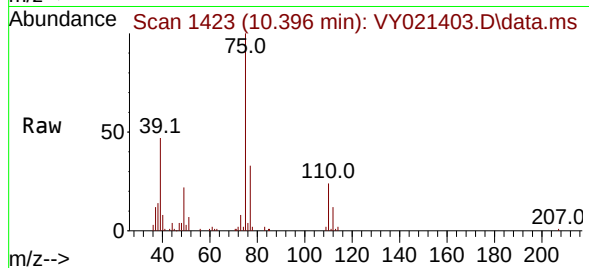
#53
t-1,3-Dichloropropene
Concen: 4.905 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 1818
Ion Ratio Lower Upper
75 100
77 33.3 25.0 37.6

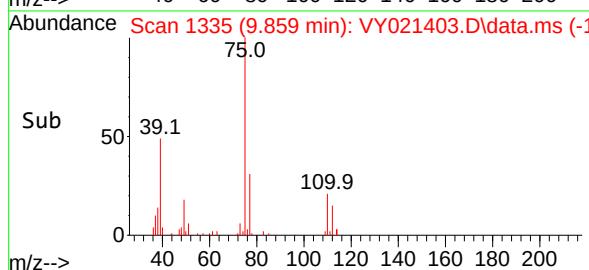
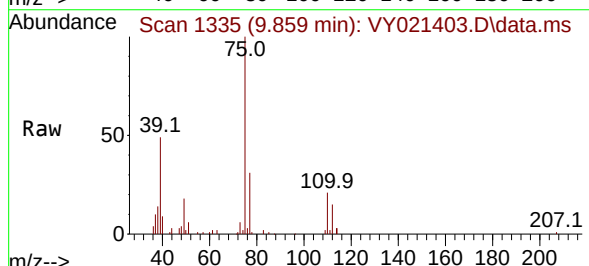
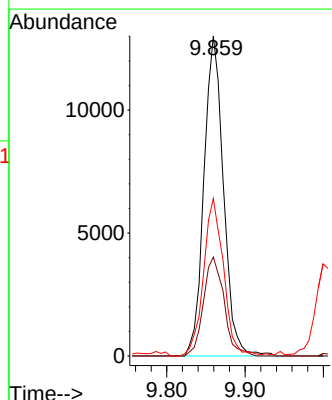
Manual Integrations
APPROVED

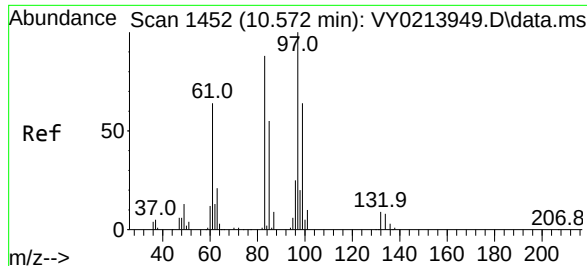
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#54
cis-1,3-Dichloropropene
Concen: 5.111 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

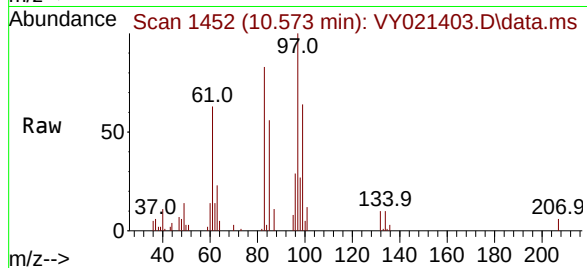
Tgt Ion: 75 Resp: 22504
Ion Ratio Lower Upper
75 100
77 30.9 24.6 37.0
39 49.2 39.4 59.2





#55
1,1,2-Trichloroethane
Concen: 5.227 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

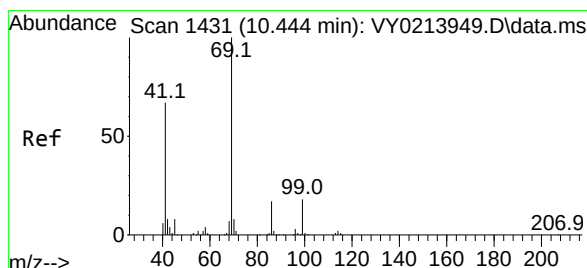
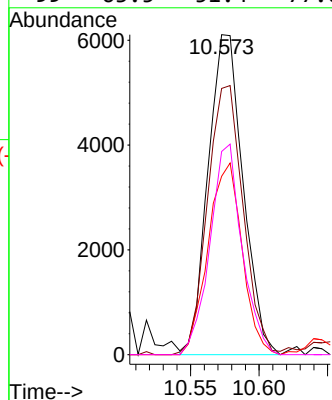
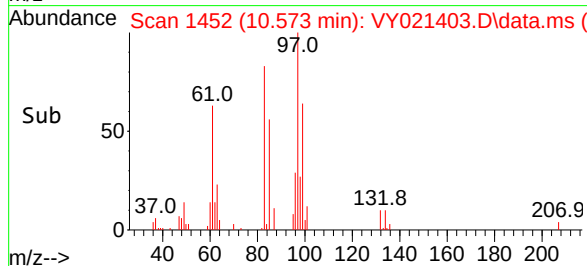
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.3	70.0	105.0
85	55.8	44.3	66.5
99	63.5	51.4	77.0

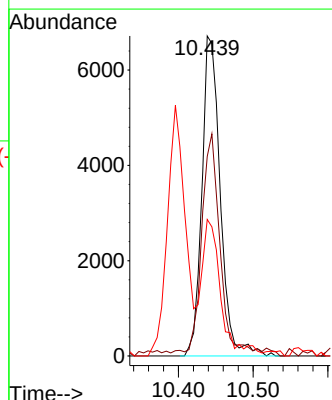
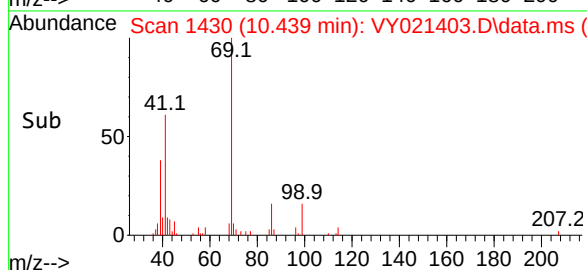
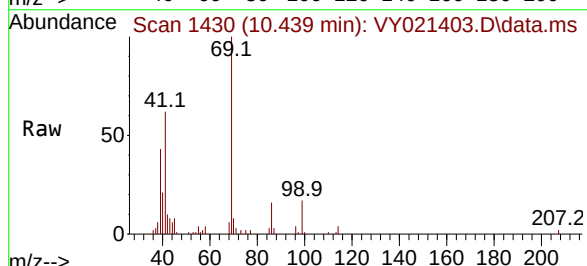
Manual Integrations
APPROVED

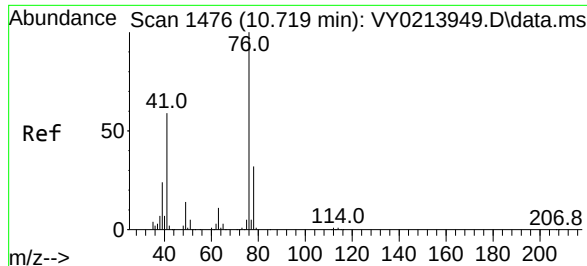
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#56
Ethyl methacrylate
Concen: 4.340 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

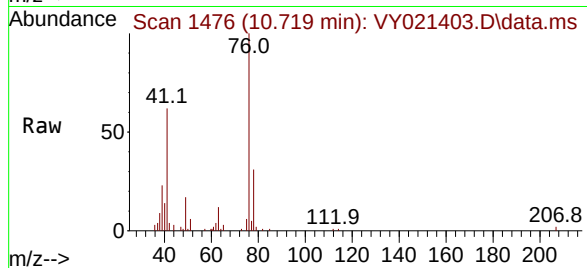
Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.3	53.3	79.9
39	42.8	31.0	46.6





#57
1,3-Dichloropropane
Concen: 5.115 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

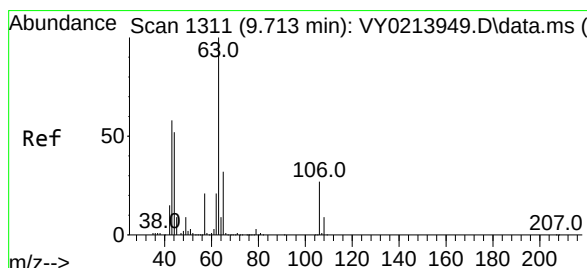
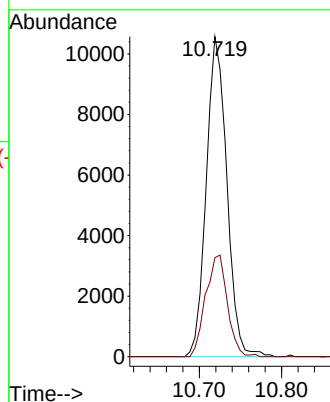
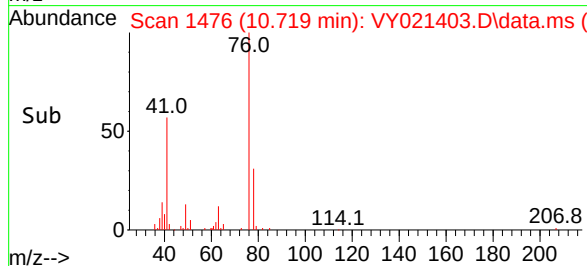
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 76 Resp: 18380
Ion Ratio Lower Upper
76 100
78 33.5 26.3 39.5

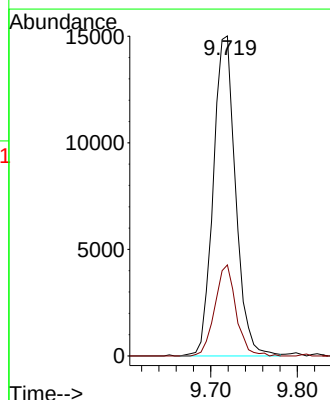
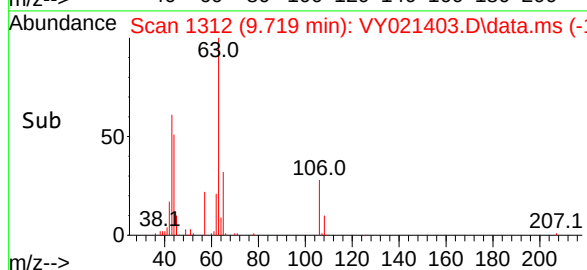
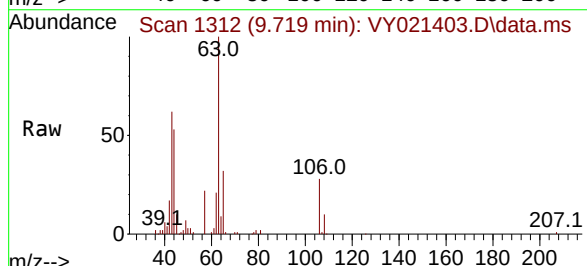
Manual Integrations
APPROVED

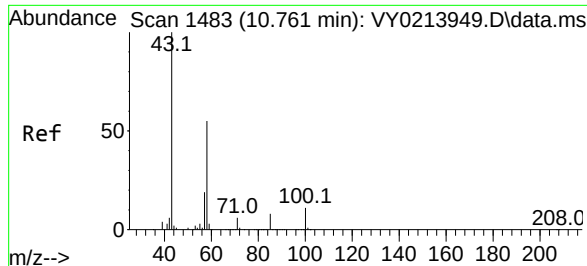
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#58
2-Chloroethyl Vinyl ether
Concen: 22.045 ug/l
RT: 9.719 min Scan# 1312
Delta R.T. 0.007 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

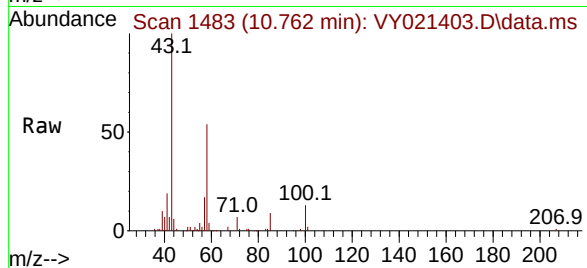
Tgt Ion: 63 Resp: 26908
Ion Ratio Lower Upper
63 100
106 27.0 22.1 33.1





#59
2-Hexanone
Concen: 23.073 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

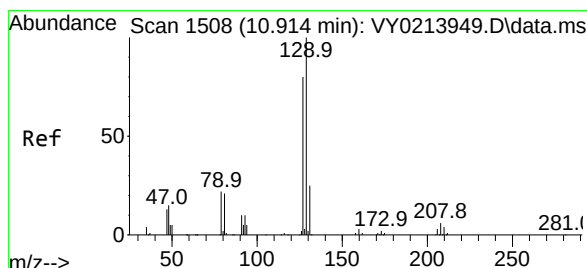
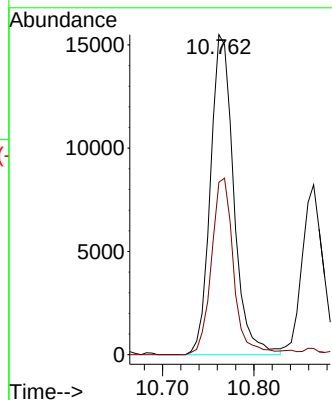
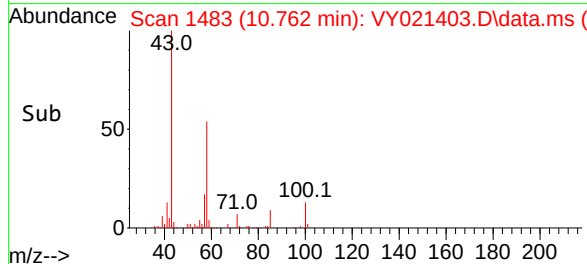
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 2744
Ion Ratio Lower Upper
43 100
58 52.5 27.3 81.8

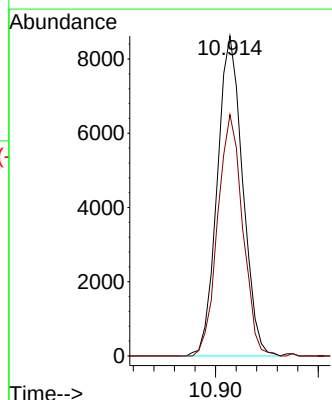
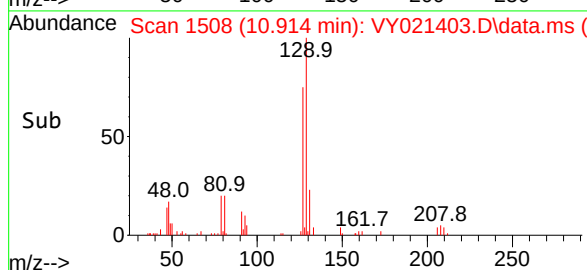
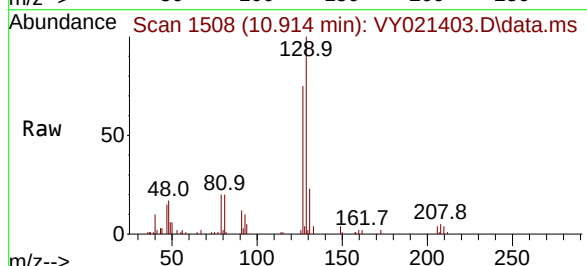
Manual Integrations
APPROVED

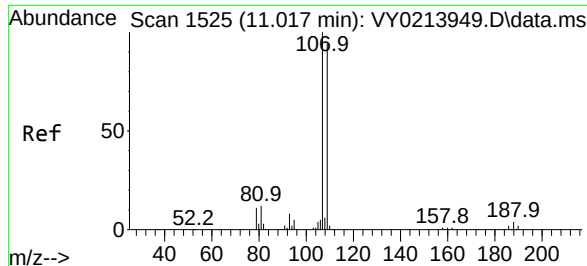
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#60
Dibromochloromethane
Concen: 5.197 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

Tgt Ion:129 Resp: 14771
Ion Ratio Lower Upper
129 100
127 74.3 39.1 117.3





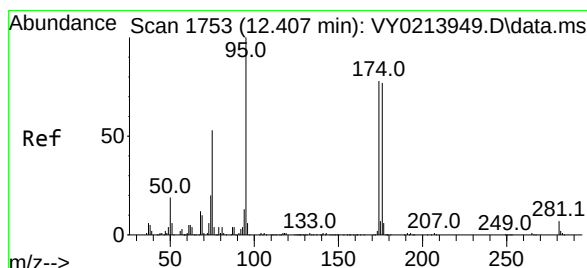
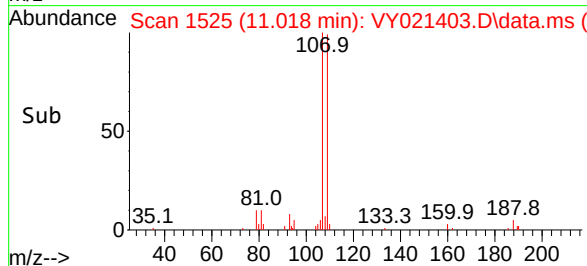
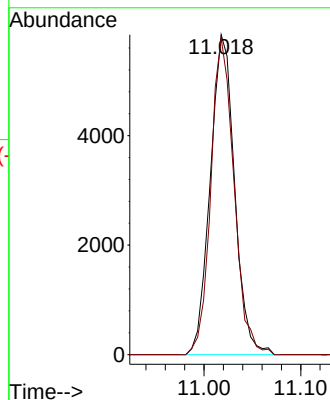
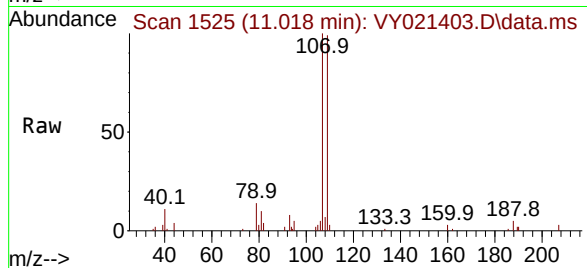
#61
1,2-Dibromoethane
Concen: 5.207 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 107 Resp: 1018
Ion Ratio Lower Upper
107 100
109 94.1 75.8 113.8

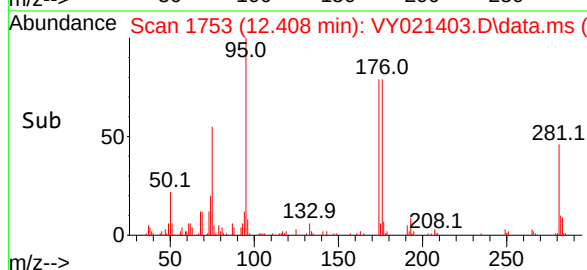
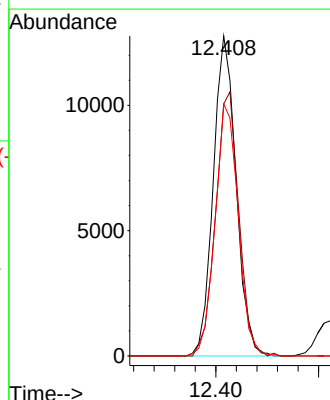
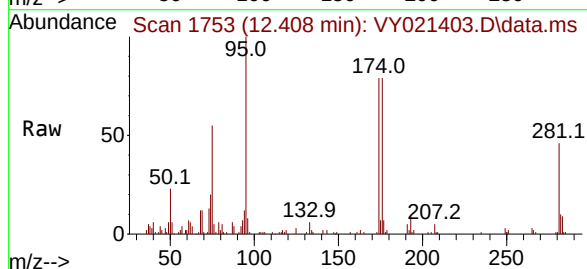
Manual Integrations
APPROVED

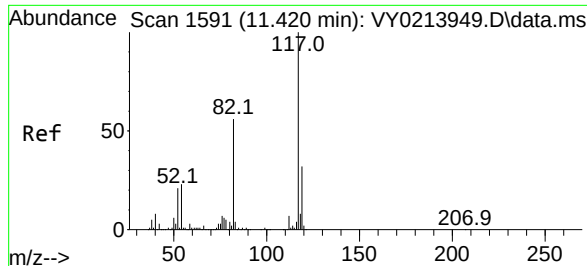
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#62
4-Bromofluorobenzene
Concen: 5.882 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

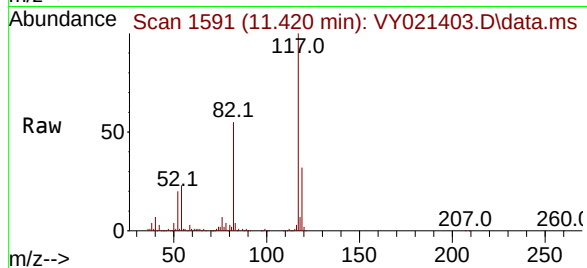
Tgt Ion: 95 Resp: 19663
Ion Ratio Lower Upper
95 100
174 83.8 0.0 165.0
176 79.9 0.0 160.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

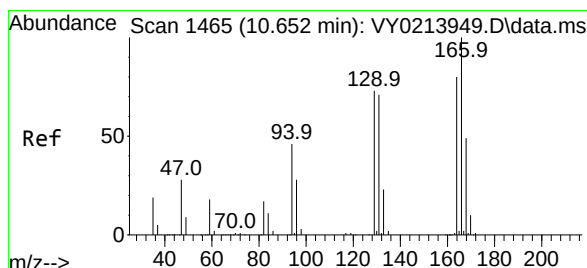
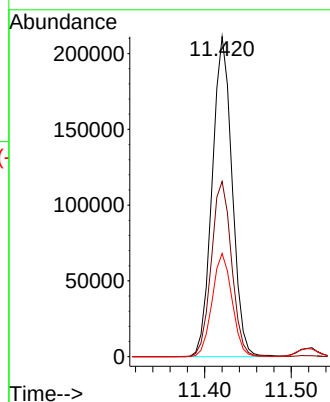
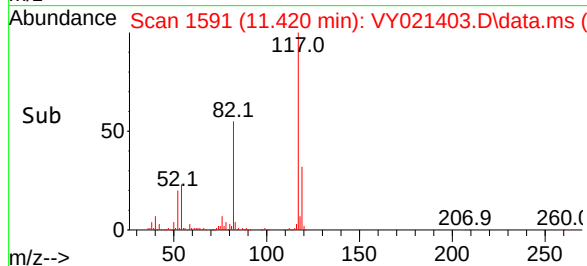
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 33762
Ion Ratio Lower Upper
117 100
82 54.7 44.6 67.0
119 32.2 25.4 38.0

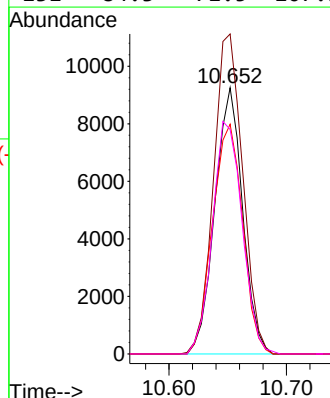
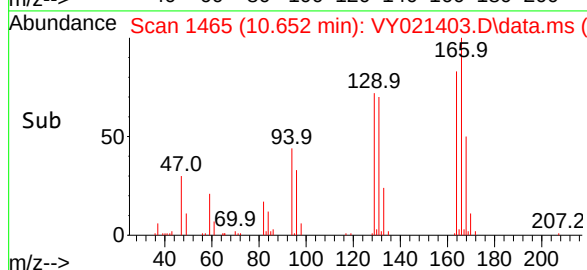
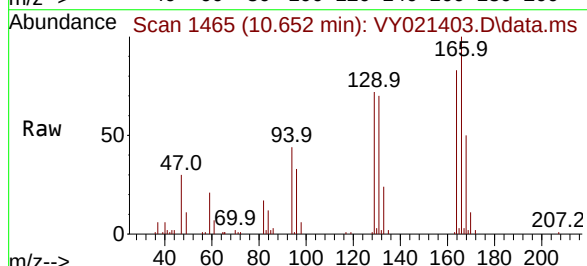
Manual Integrations
APPROVED

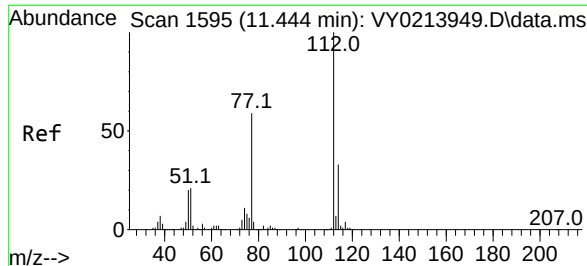
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#64
Tetrachloroethene
Concen: 5.518 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

Tgt Ion:164 Resp: 15148
Ion Ratio Lower Upper
164 100
166 120.2 100.4 150.6
129 86.3 73.8 110.8
131 84.3 71.5 107.3





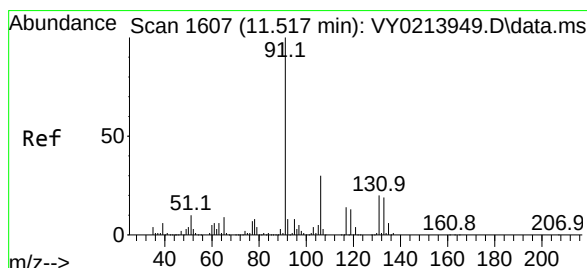
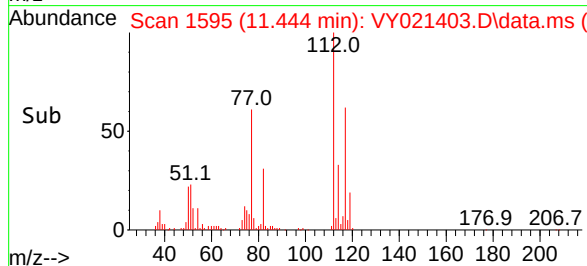
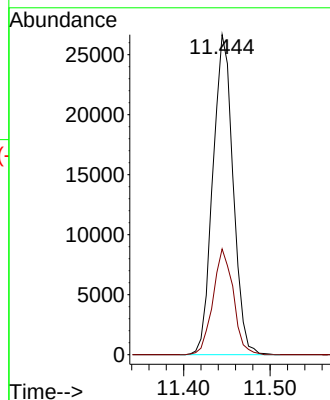
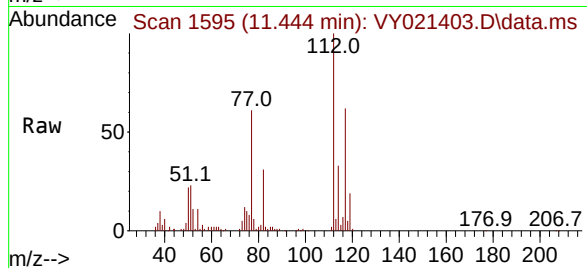
#65
Chlorobenzene
Concen: 5.434 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 4332
Ion Ratio Lower Upper
112 100
114 33.0 26.1 39.1

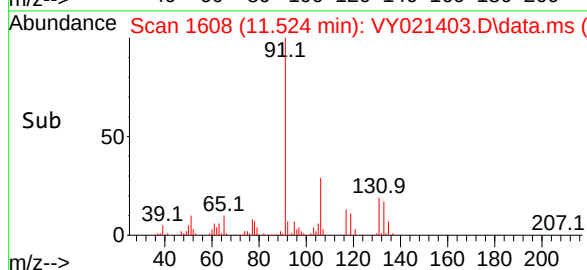
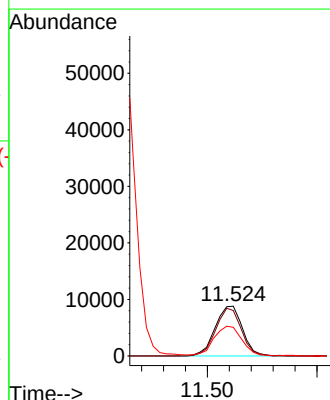
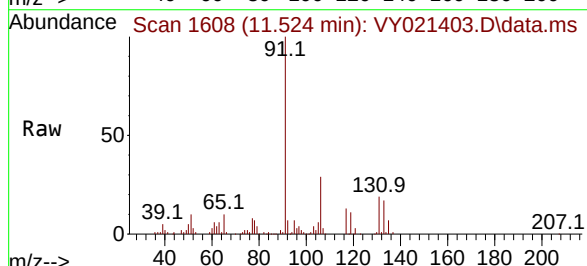
Manual Integrations
APPROVED

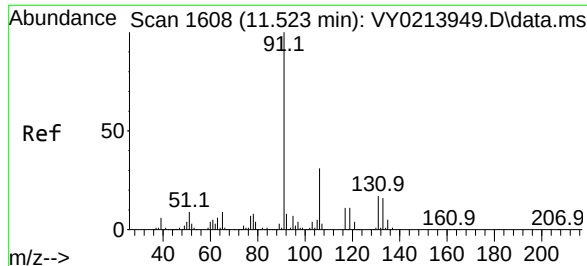
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 5.383 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.007 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

Tgt Ion:131 Resp: 15173
Ion Ratio Lower Upper
131 100
133 90.8 47.6 142.9
119 61.8 32.3 96.9





#67

Ethyl Benzene

Concen: 5.102 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 7139

Ion Ratio Lower Upper

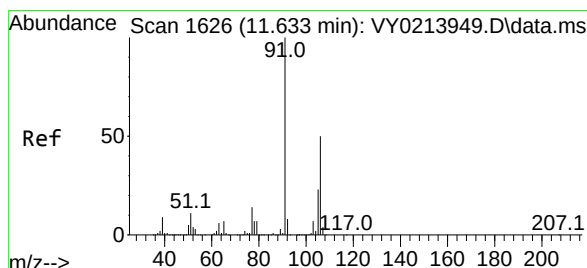
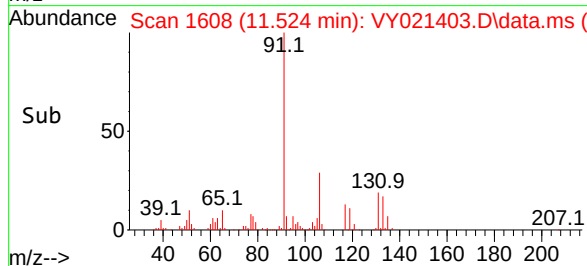
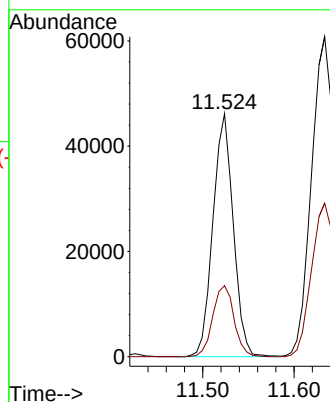
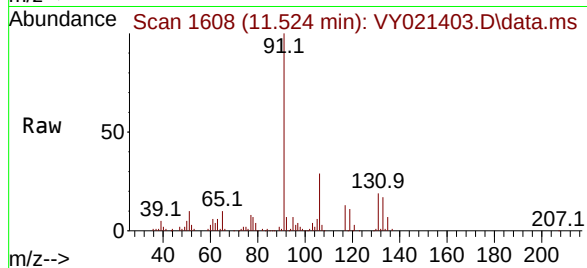
91 100

106 29.2 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#68

m/p-Xylenes

Concen: 10.132 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY021403.D

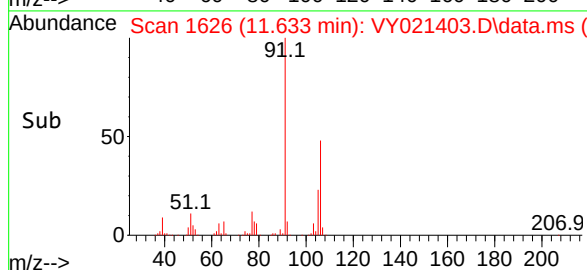
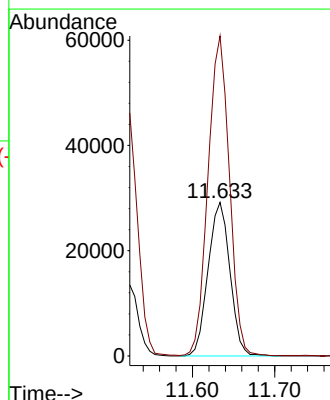
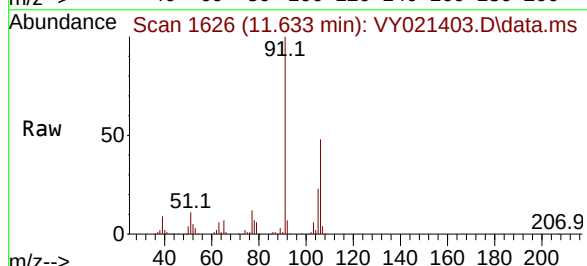
Acq: 04 Mar 2025 12:15

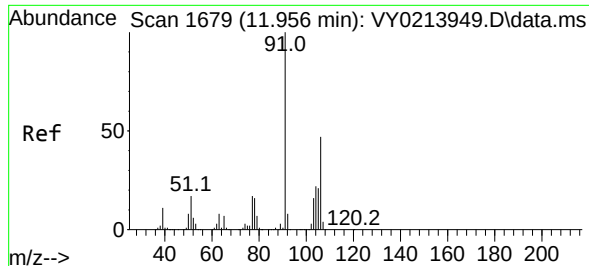
Tgt Ion:106 Resp: 53829

Ion Ratio Lower Upper

106 100

91 203.9 161.7 242.5





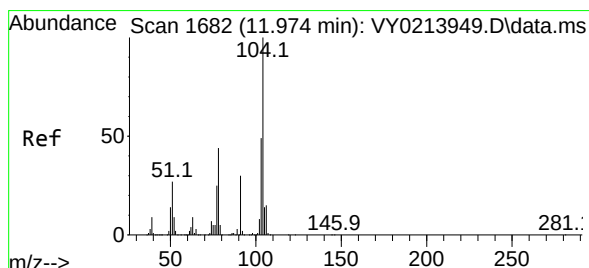
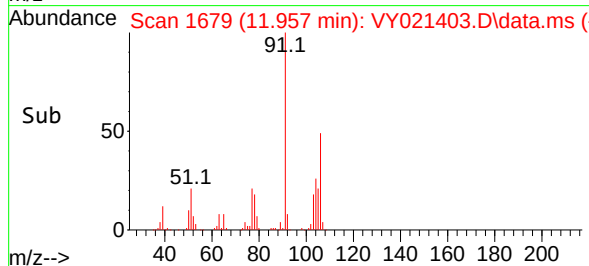
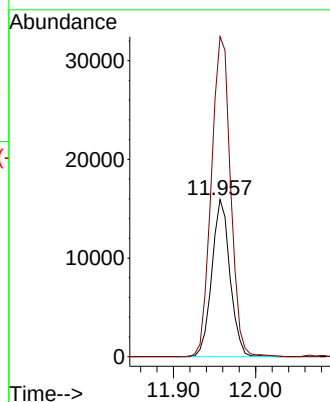
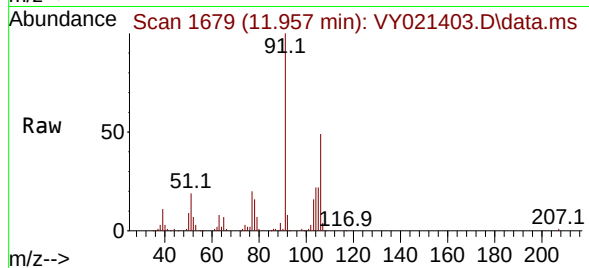
#69
o-Xylene
Concen: 4.988 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 2442
Ion Ratio Lower Upper
106 100
91 215.9 107.6 322.8

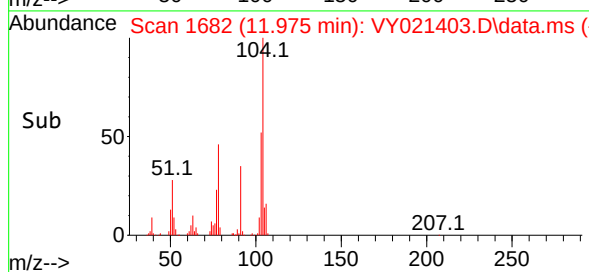
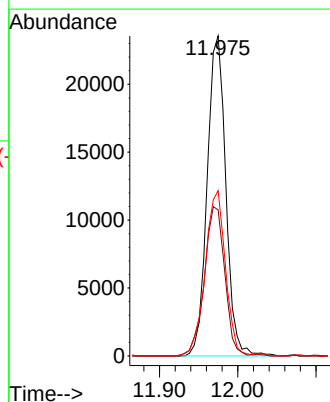
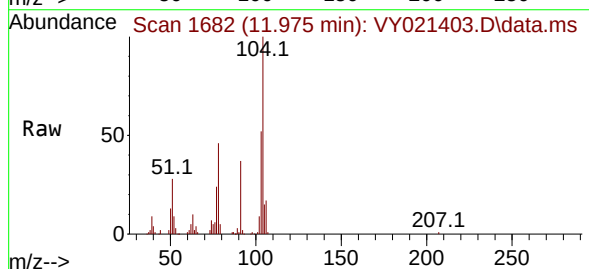
Manual Integrations
APPROVED

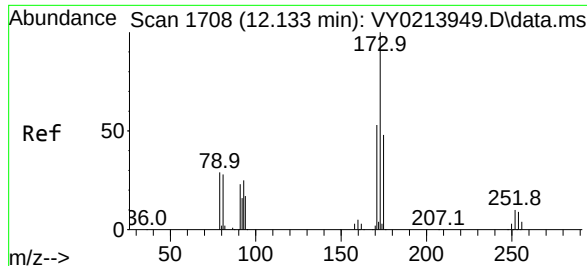
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#70
Styrene
Concen: 4.784 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

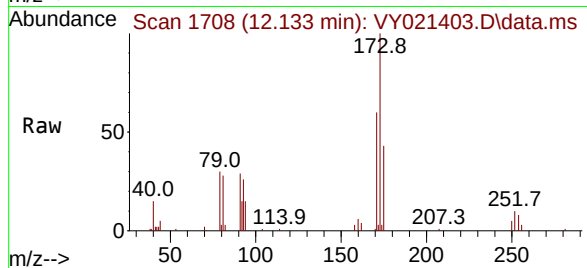
Tgt Ion:104 Resp: 38858
Ion Ratio Lower Upper
104 100
78 51.0 40.7 61.1
103 56.3 44.1 66.1





#71
Bromoform
Concen: 5.035 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

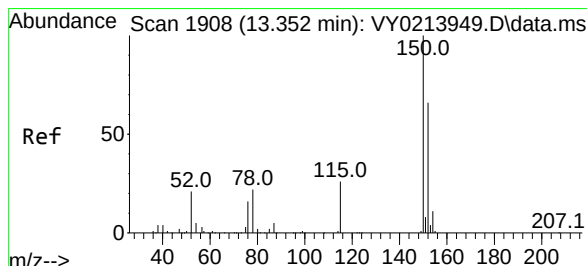
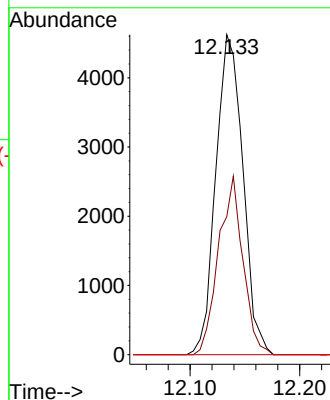
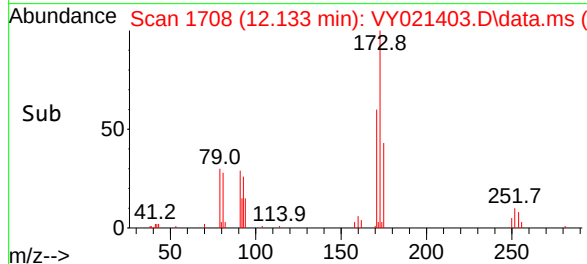
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



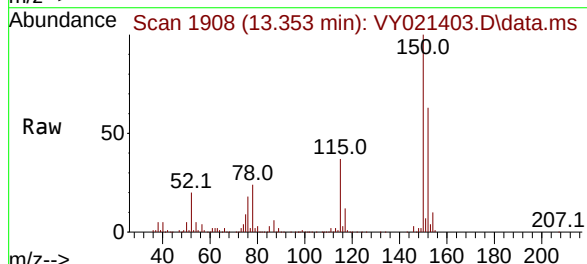
Tgt Ion:173 Resp: 7934
Ion Ratio Lower Upper
173 100
175 50.2 23.9 71.7
254 0.0 0.1 0.1

Manual Integrations
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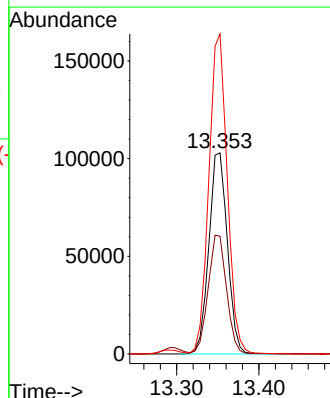
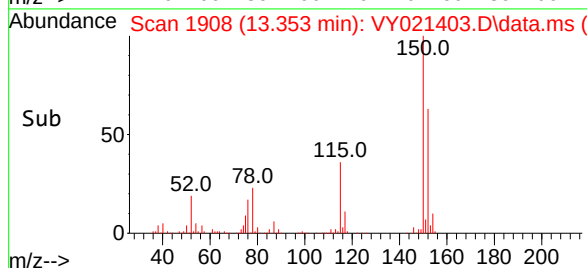
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

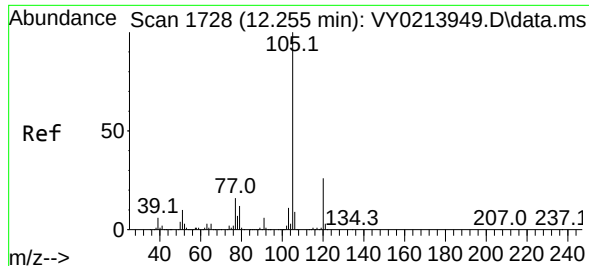


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15



Tgt Ion:152 Resp: 161080
Ion Ratio Lower Upper
152 100
115 58.9 29.0 87.0
150 158.3 0.0 347.2





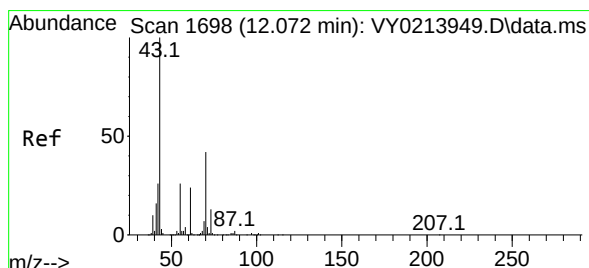
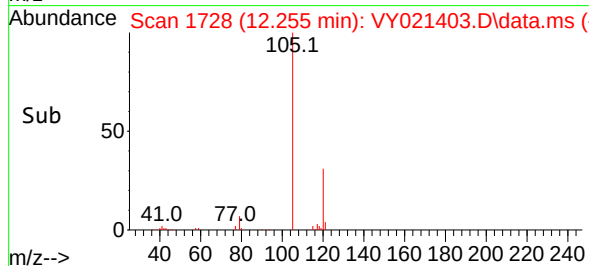
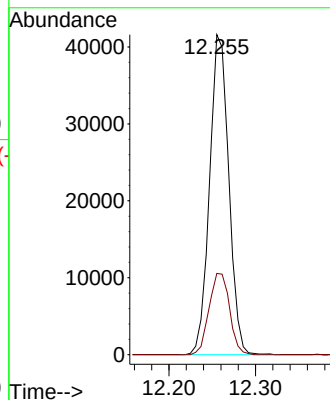
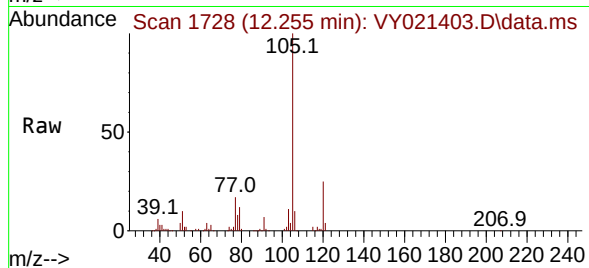
#73
Isopropylbenzene
Concen: 5.049 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 6406
Ion Ratio Lower Upper
105 100
120 27.1 13.1 39.3

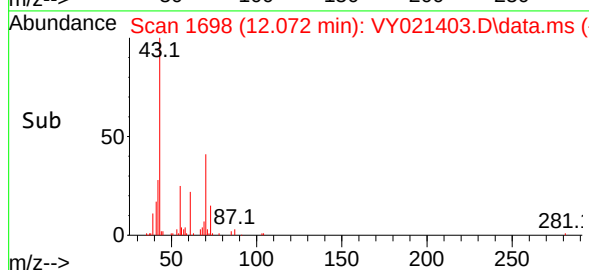
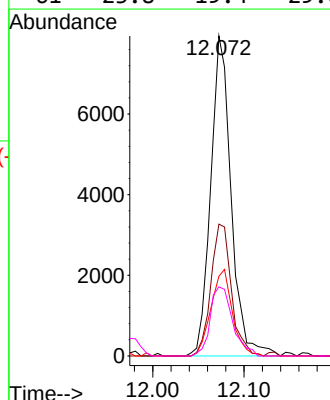
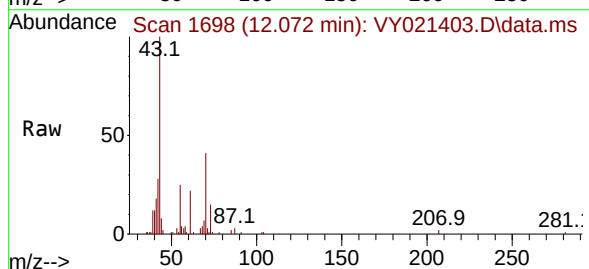
Manual Integrations
APPROVED

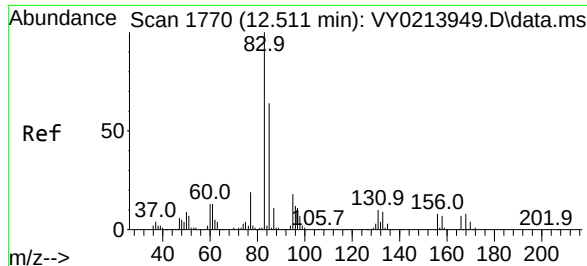
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#74
N-ethyl acetate
Concen: 4.470 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

Tgt Ion: 43 Resp: 12319
Ion Ratio Lower Upper
43 100
70 41.2 34.6 51.8
55 28.2 21.1 31.7
61 23.8 19.4 29.0





#75

1,1,2-Tetrachloroethane

Concen: 5.299 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

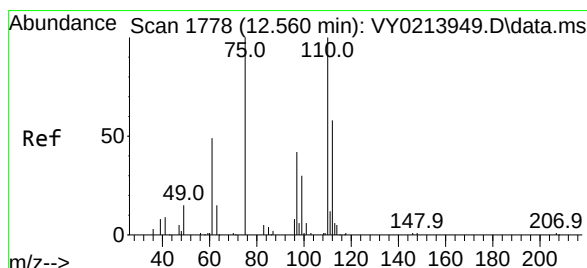
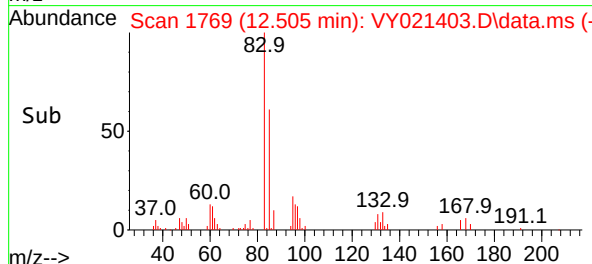
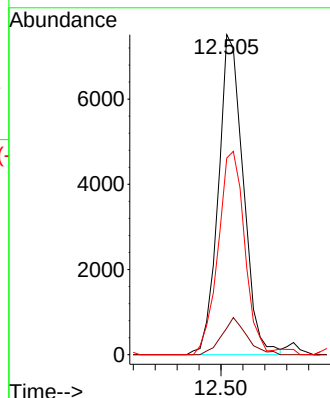
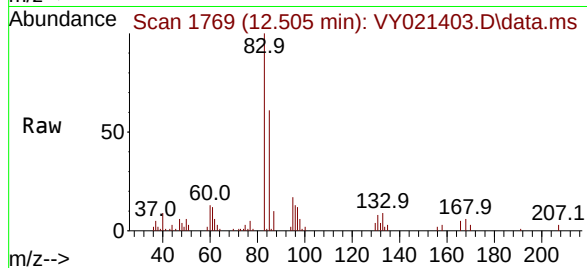
VSTDIC005

Tgt Ion:	83	Resp:	1186
Ion	Ratio	Lower	Upper
83	100		
131	11.6	5.3	16.1
85	67.7	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#76

1,2,3-Trichloropropane

Concen: 6.223 ug/l m

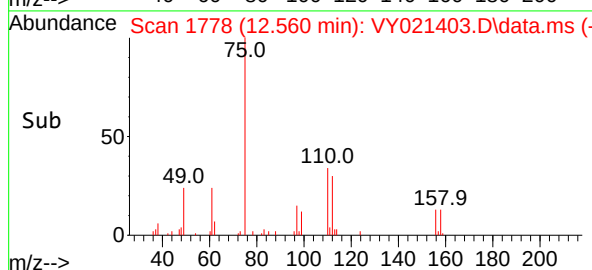
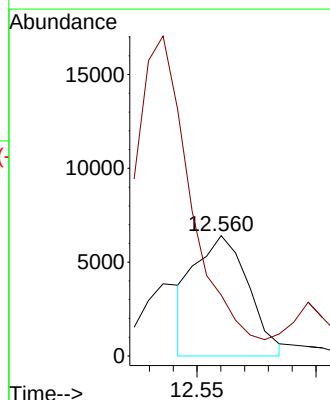
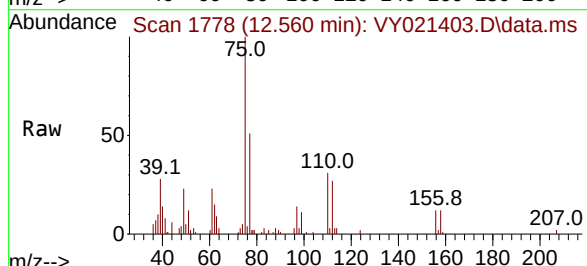
RT: 12.560 min Scan# 1778

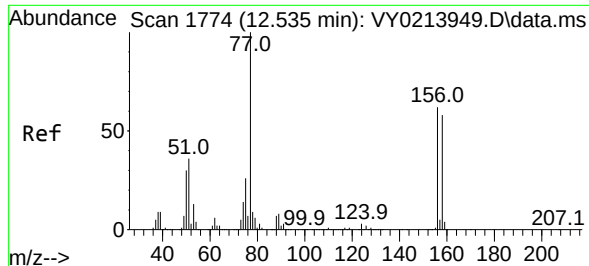
Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Tgt Ion:	75	Resp:	10101
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 5.327 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

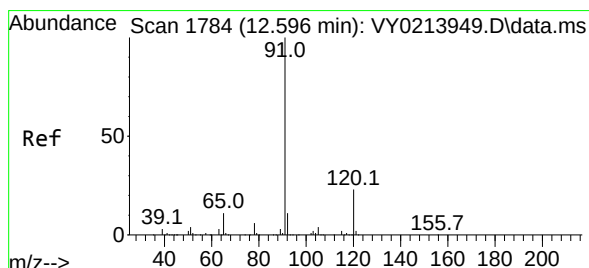
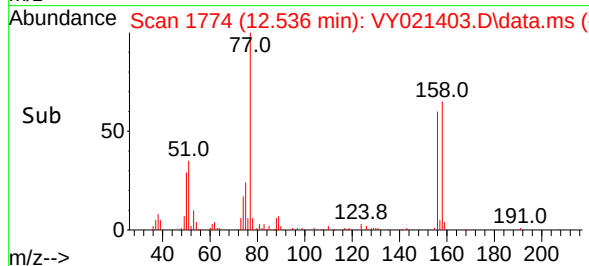
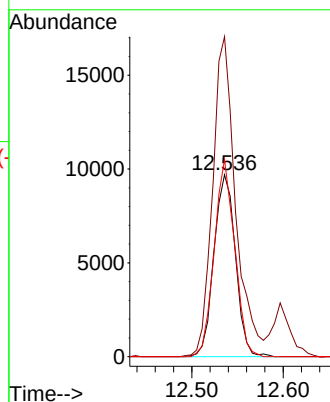
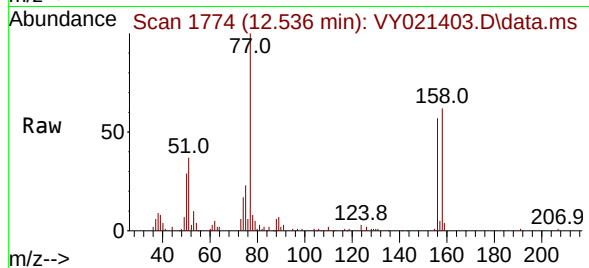
VSTDIC005

Tgt Ion:	156	Resp:	1581
Ion Ratio	Lower	Upper	
156	100		
77	188.4	93.6	280.8
158	103.5	48.3	144.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#78

n-propylbenzene

Concen: 5.205 ug/l

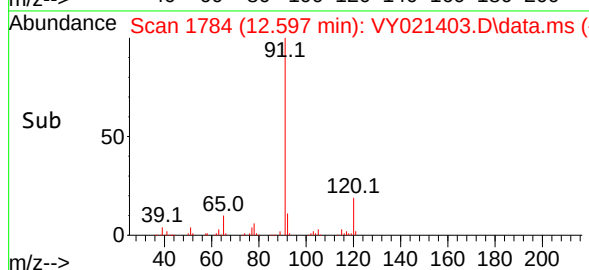
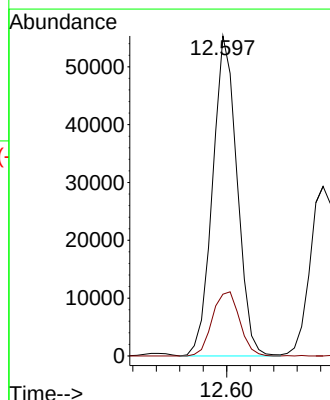
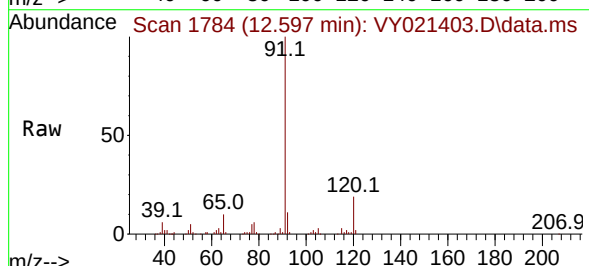
RT: 12.597 min Scan# 1784

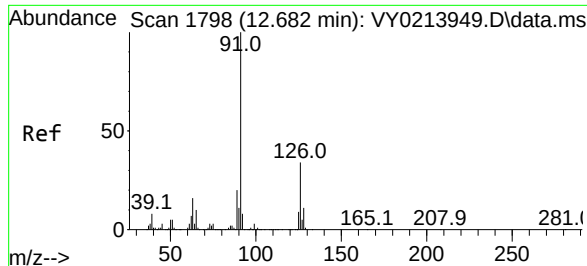
Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Tgt Ion:	91	Resp:	80203
Ion Ratio	Lower	Upper	
91	100		
120	22.2	11.3	33.8





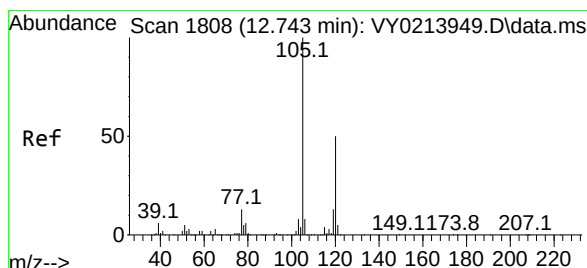
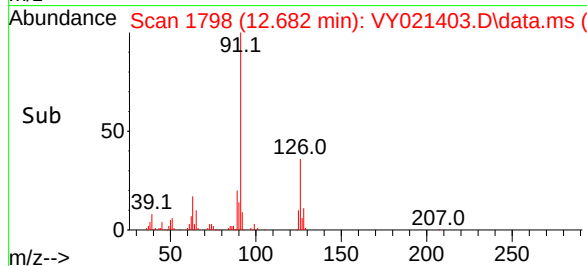
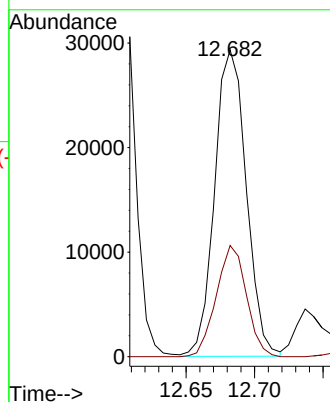
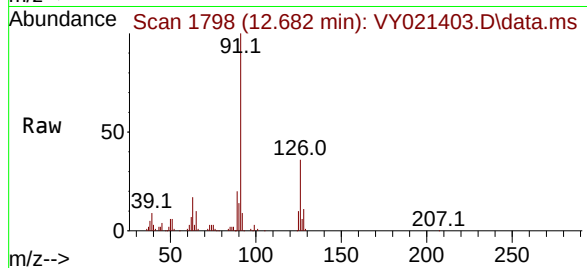
#79
2-Chlorotoluene
Concen: 5.341 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 47065
Ion Ratio Lower Upper
91 100
126 34.5 17.2 51.6

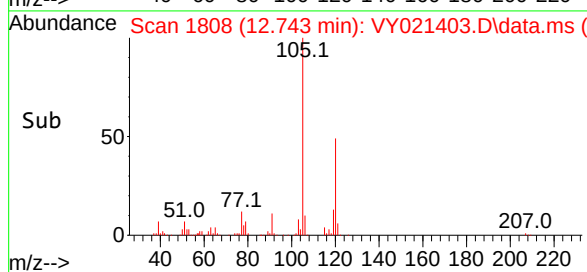
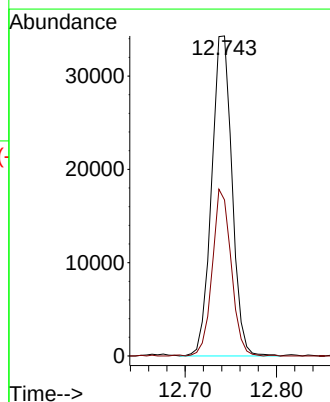
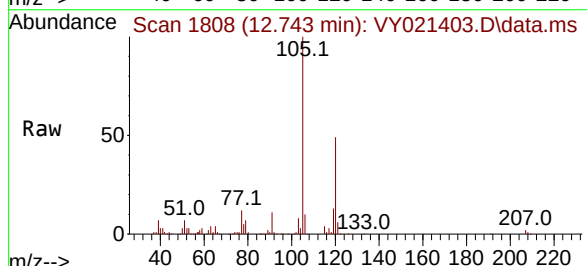
Manual Integrations
APPROVED

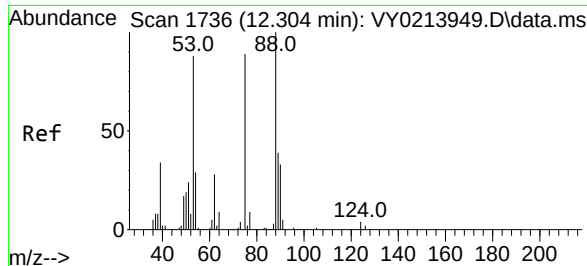
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#80
1,3,5-Trimethylbenzene
Concen: 5.166 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

Tgt Ion:105 Resp: 53272
Ion Ratio Lower Upper
105 100
120 48.3 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 4.805 ug/l

RT: 12.310 min Scan# 1736

Delta R.T. 0.007 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

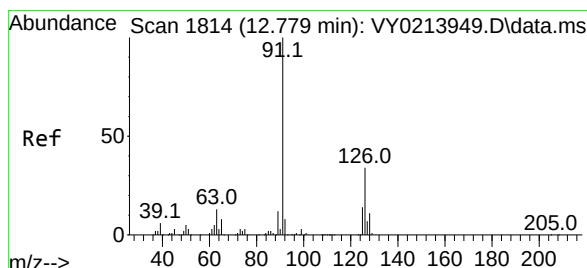
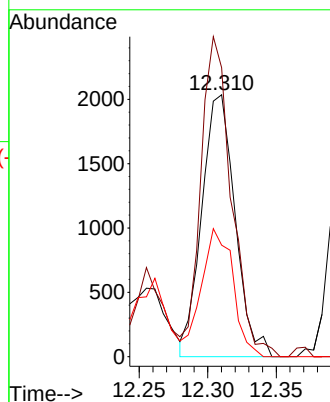
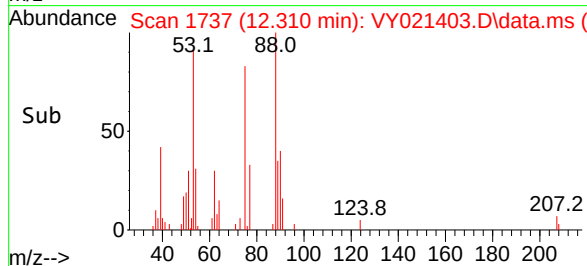
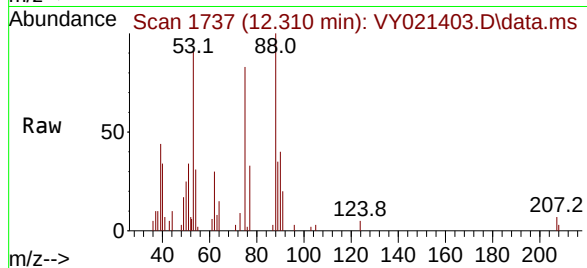
VSTDIC005

Tgt Ion:	75	Resp:	343
Ion Ratio	Lower	Upper	
75	100		
53	112.3	81.0	121.4
89	46.5	36.9	55.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#82

4-Chlorotoluene

Concen: 5.280 ug/l

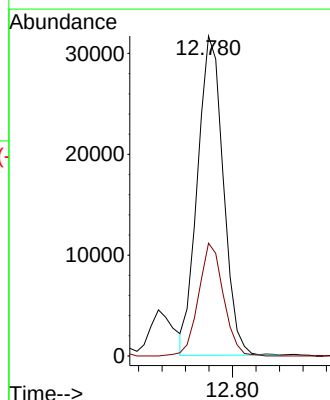
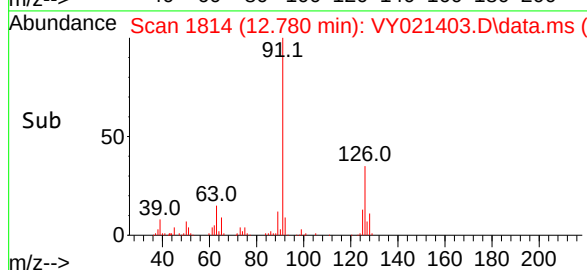
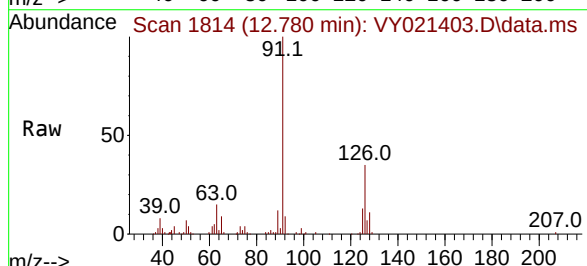
RT: 12.780 min Scan# 1814

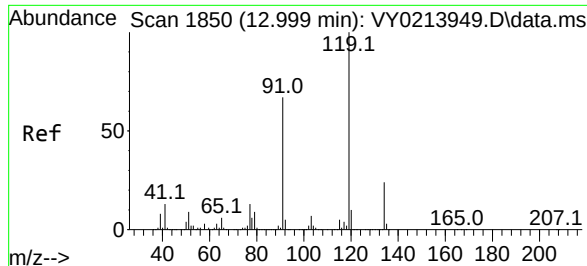
Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Tgt Ion:	91	Resp:	48178
Ion Ratio	Lower	Upper	
91	100		
126	34.2	17.0	51.0





#83

tert-Butylbenzene

Concen: 5.060 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

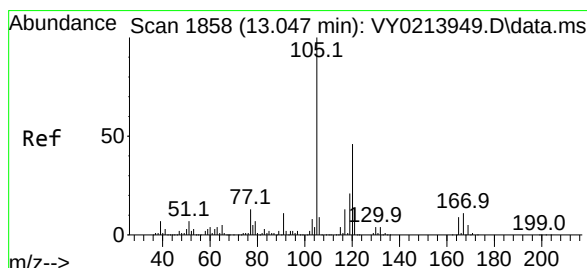
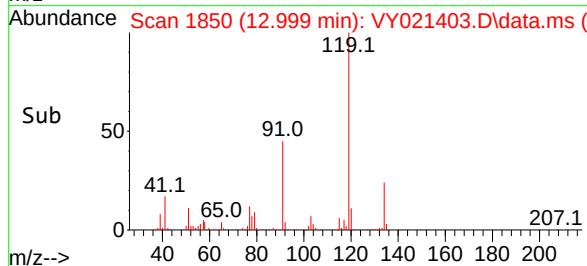
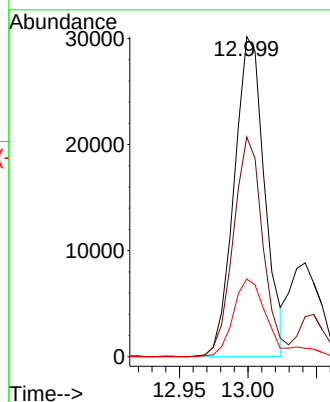
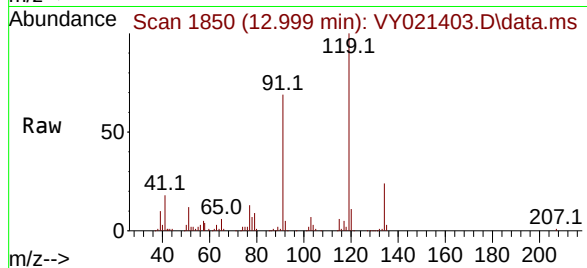
VSTDIC005

Tgt Ion:	119	Resp:	46550
Ion Ratio	Lower	Upper	
119	100		
91	67.1	33.2	99.6
134	25.8	13.5	40.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#84

1,2,4-Trimethylbenzene

Concen: 5.099 ug/l

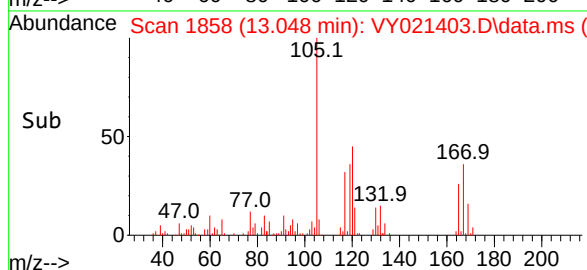
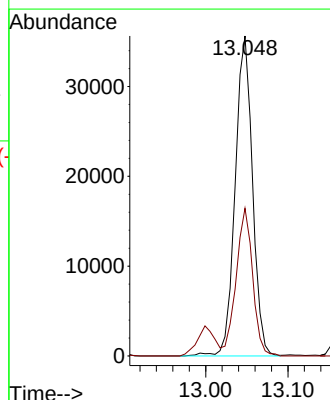
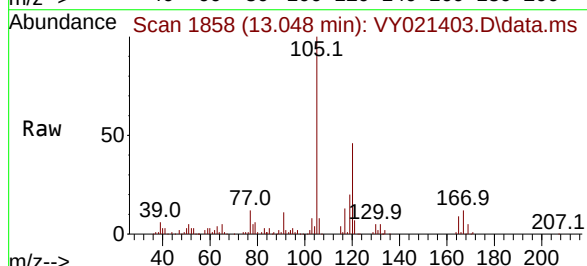
RT: 13.048 min Scan# 1858

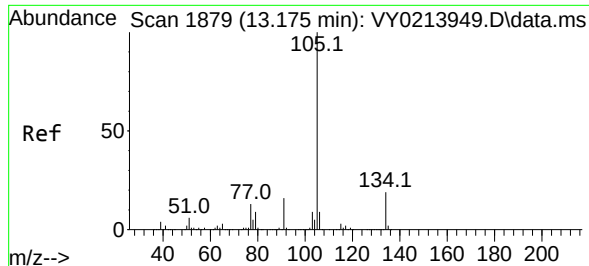
Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Tgt Ion:	105	Resp:	52203
Ion Ratio	Lower	Upper	
105	100		
120	44.2	22.7	68.1





#85

sec-Butylbenzene

Concen: 5.246 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 71799

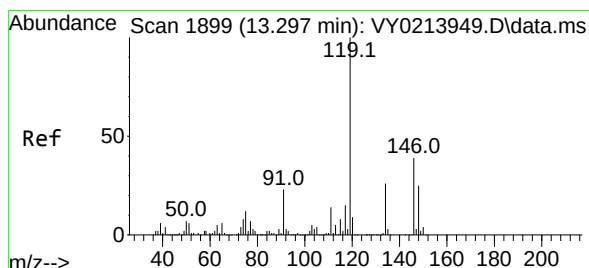
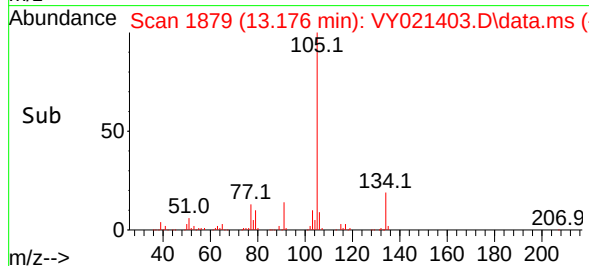
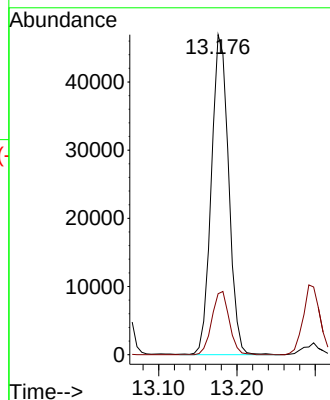
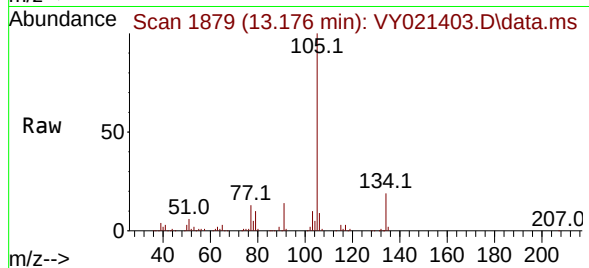
Ion Ratio Lower Upper

105 100

134 19.8 9.9 29.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#86

p-Isopropyltoluene

Concen: 5.067 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

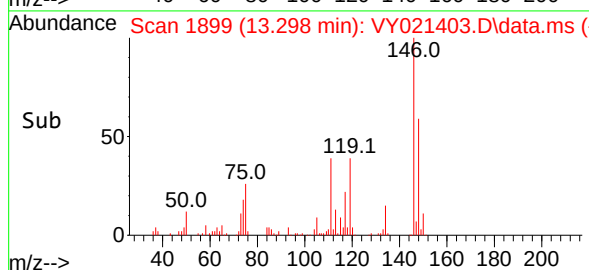
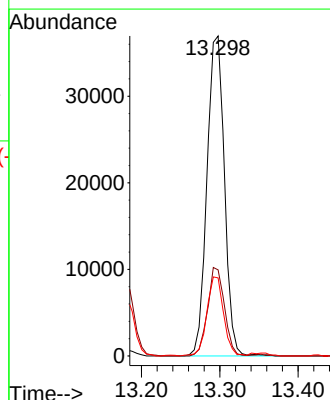
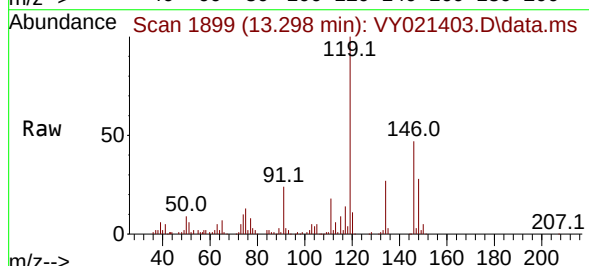
Tgt Ion:119 Resp: 57131

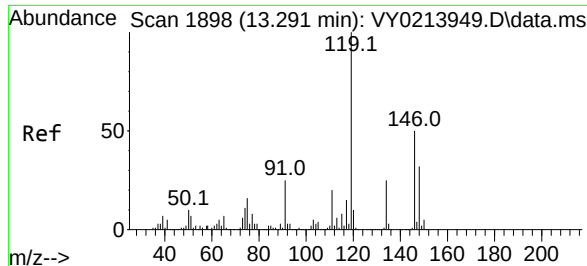
Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.1

91 23.7 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 5.535 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

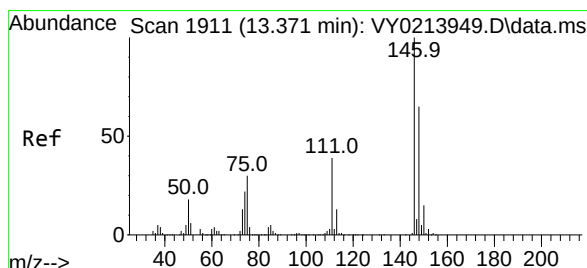
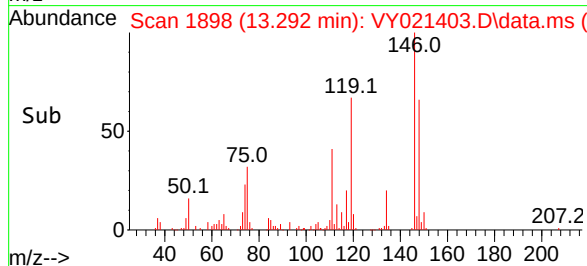
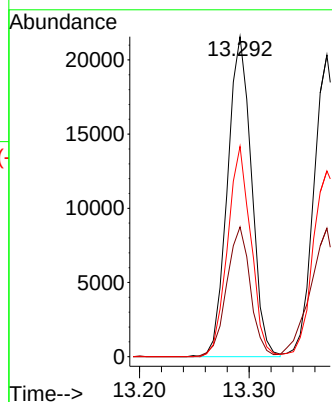
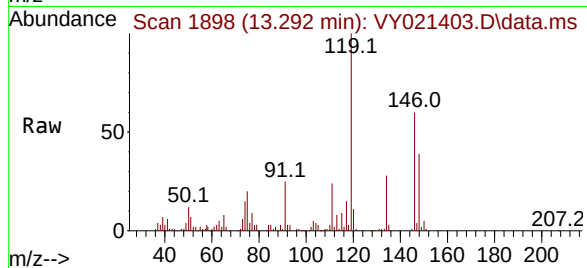
VSTDIC005

Tgt Ion:146	Resp:	32709
Ion Ratio	Lower	Upper
146	100	
111	40.2	20.0 60.0
148	64.0	31.8 95.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#88

1,4-Dichlorobenzene

Concen: 5.545 ug/l

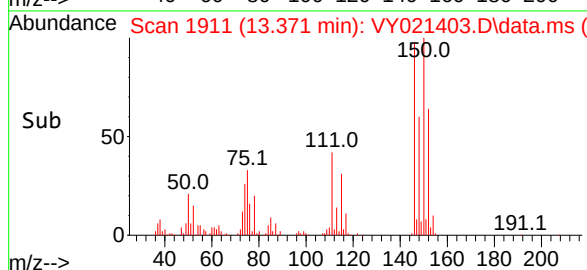
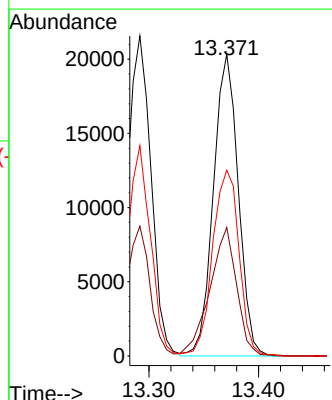
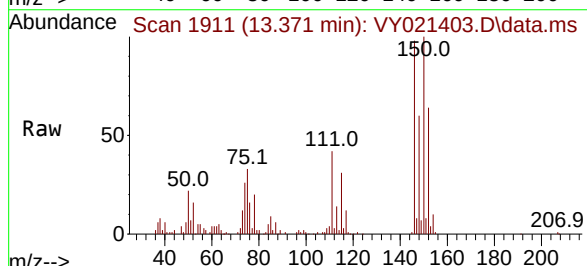
RT: 13.371 min Scan# 1911

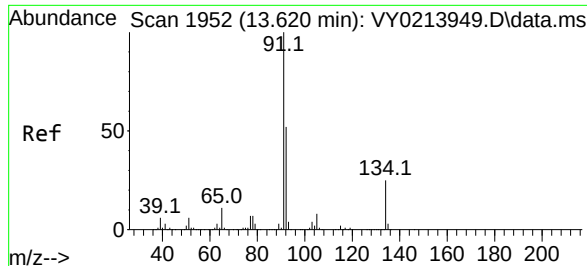
Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Tgt Ion:146	Resp:	32045
Ion Ratio	Lower	Upper
146	100	
111	46.5	19.6 58.8
148	65.6	32.3 96.8





#89

n-Butylbenzene

Concen: 5.057 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

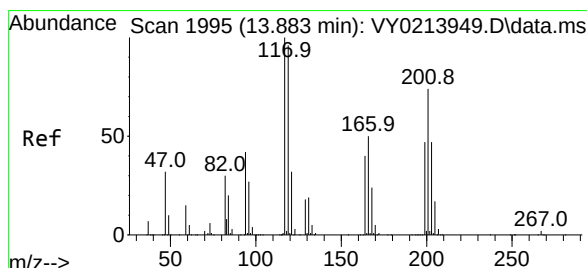
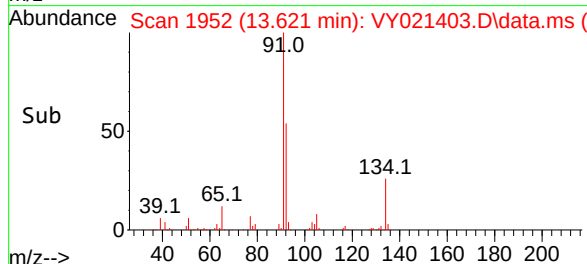
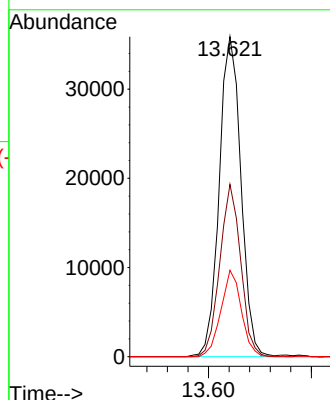
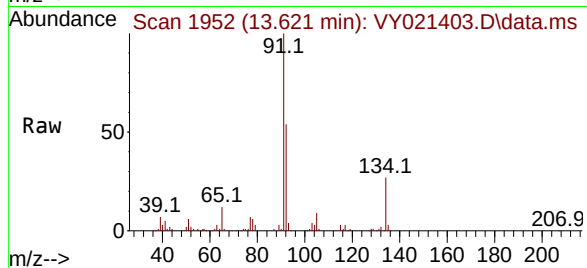
VSTDIC005

Tgt Ion:	91	Resp:	52654
Ion	Ratio	Lower	Upper
91	100		
92	51.5	26.1	78.3
134	25.5	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#90

Hexachloroethane

Concen: 5.628 ug/l

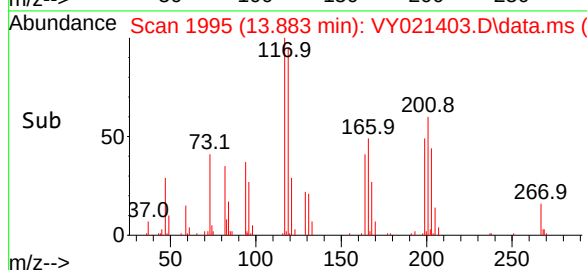
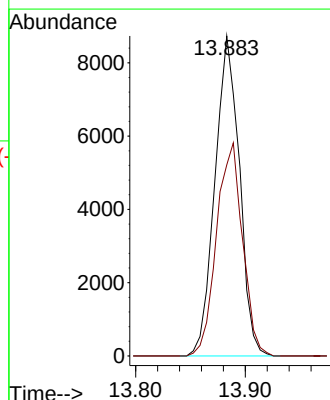
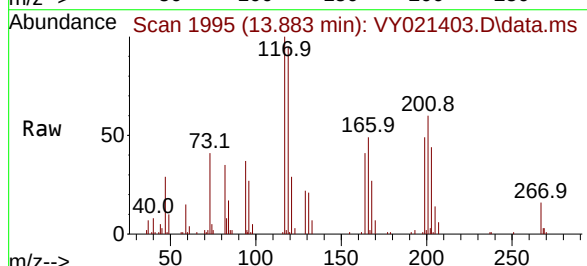
RT: 13.883 min Scan# 1995

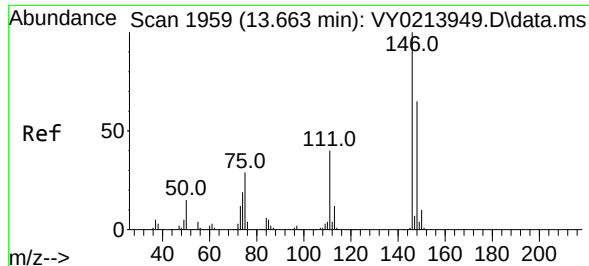
Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Tgt Ion:	117	Resp:	13537
Ion	Ratio	Lower	Upper
117	100		
201	70.8	37.4	112.2





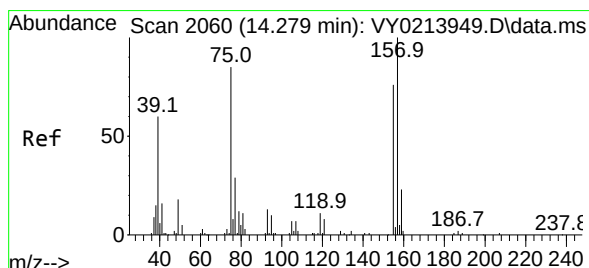
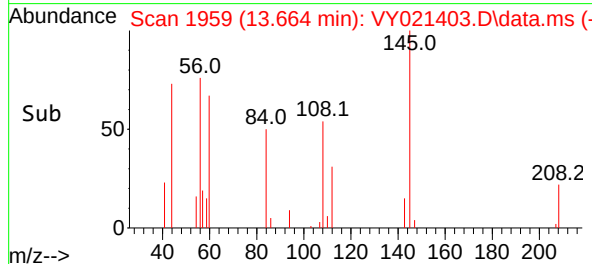
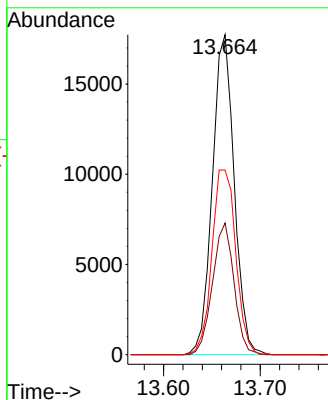
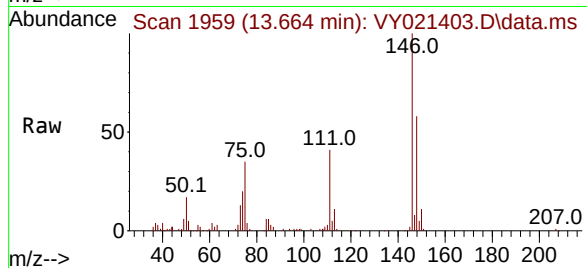
#91
1,2-Dichlorobenzene
Concen: 5.481 ug/l
RT: 13.664 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 2775
Ion Ratio Lower Upper
146 100
111 40.5 20.7 62.1
148 63.2 32.1 96.5

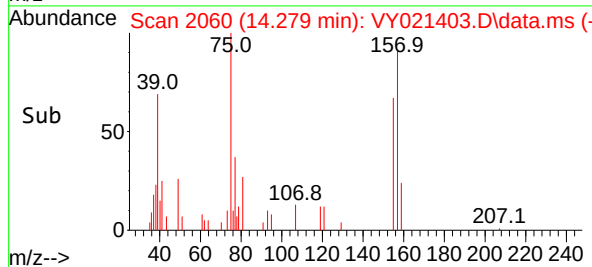
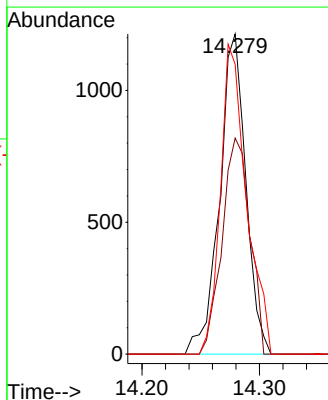
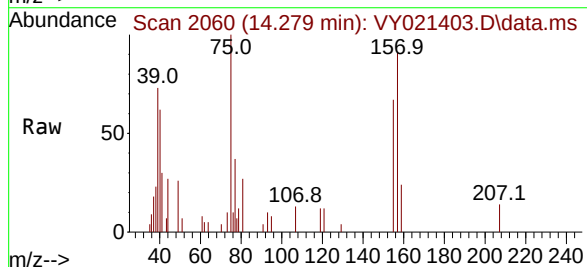
Manual Integrations
APPROVED

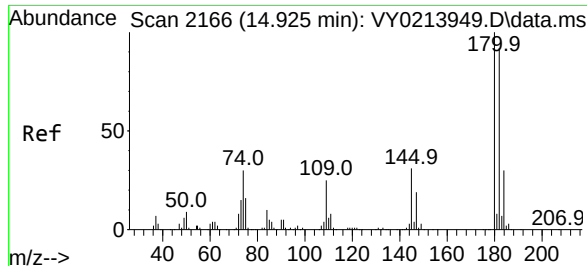
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.605 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

Tgt Ion: 75 Resp: 1880
Ion Ratio Lower Upper
75 100
155 71.5 43.5 130.5
157 96.2 54.4 163.2





#93

1,2,4-Trichlorobenzene

Concen: 5.034 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

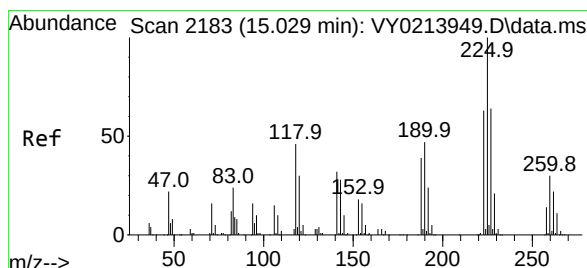
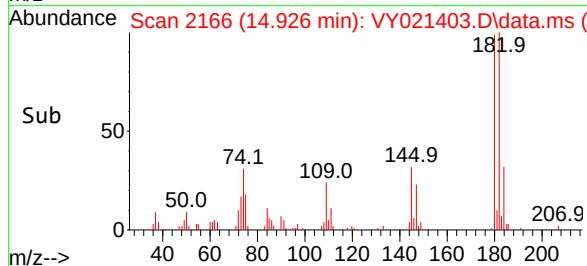
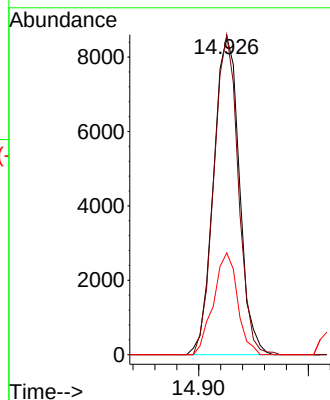
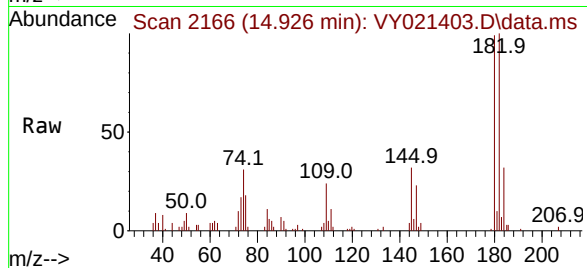
VSTDIC005

Tgt Ion:	180	Resp:	1392
Ion Ratio	Lower	Upper	
180	100		
182	95.3	46.7	140.0
145	29.9	15.6	46.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#94

Hexachlorobutadiene

Concen: 5.393 ug/l

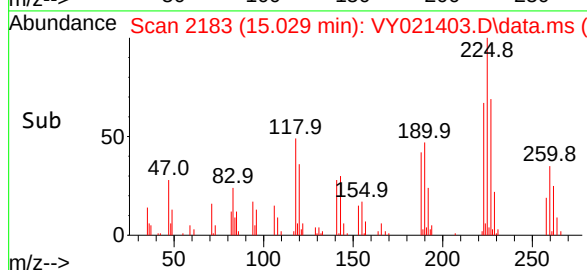
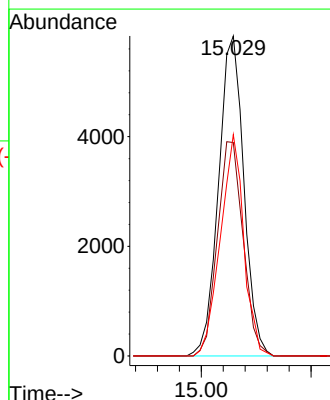
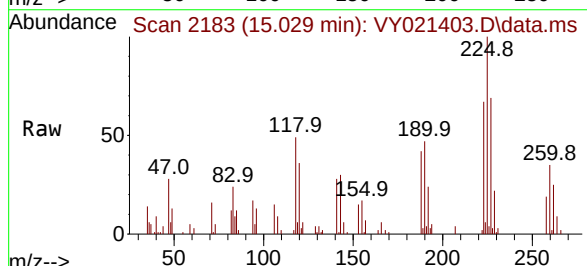
RT: 15.029 min Scan# 2183

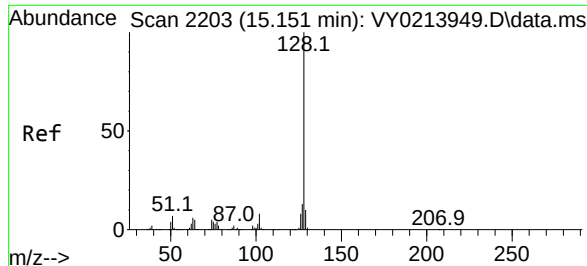
Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

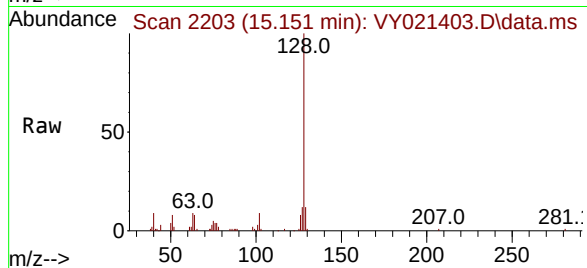
Tgt Ion:	225	Resp:	9351
Ion Ratio	Lower	Upper	
225	100		
223	68.0	31.4	94.2
227	63.8	31.8	95.4





#95
Naphthalene
Concen: 5.892 ug/l
RT: 15.151 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

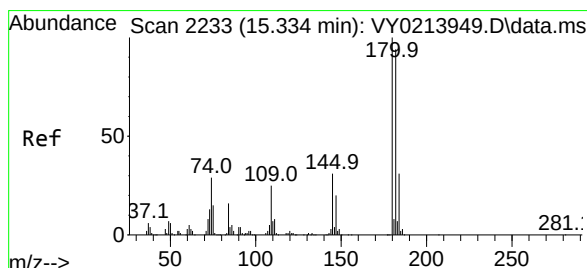
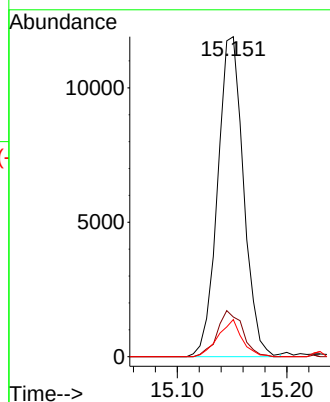
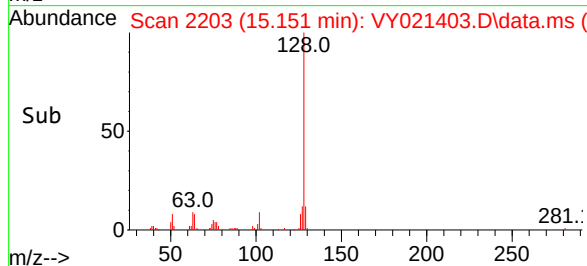
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion:128 Resp: 1955
Ion Ratio Lower Upper
128 100
127 14.1 10.6 15.8
129 10.6 8.6 13.0

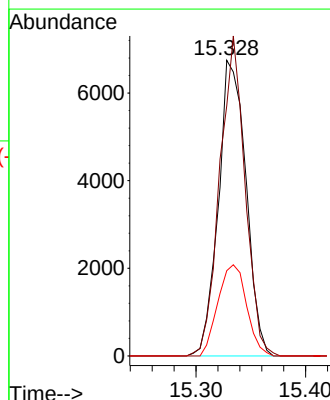
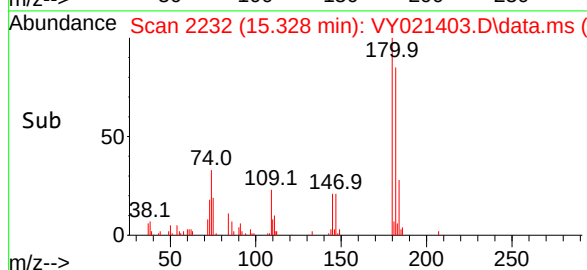
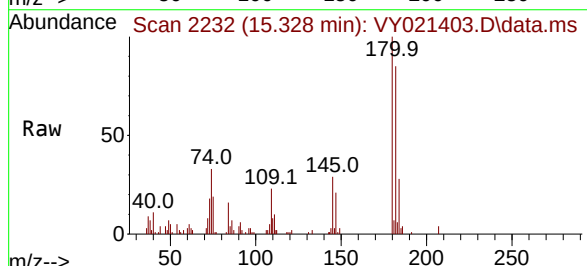
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#96
1,2,3-Trichlorobenzene
Concen: 5.081 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

Tgt Ion:180 Resp: 11822
Ion Ratio Lower Upper
180 100
182 99.0 47.2 141.6
145 32.0 16.4 49.1



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
 Data File : VY021404.D
 Acq On : 04 Mar 2025 13:12
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY030425

Manual Integrations
 APPROVED

Reviewed By : Mahesh Dadoda 03/06/2025
 Supervised By : Semsettin Yesilyurt 03/06/2025

Quant Time: Mar 05 04:18:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 03:21:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	227337	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	353570	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	304943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	150512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	119727	49.828	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.660%		
35) Dibromofluoromethane	7.640	113	118281	50.894	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.780%		
50) Toluene-d8	10.115	98	468697	53.263	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	106.520%		
62) 4-Bromofluorobenzene	12.414	95	154333	51.560	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	103.120%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	98287	47.113	ug/l	99
3) Chloromethane	2.074	50	144341	49.075	ug/l	99
4) Vinyl Chloride	2.214	62	161453	50.231	ug/l	97
5) Bromomethane	2.605	94	107517	46.283	ug/l	100
6) Chloroethane	2.745	64	103894	48.912	ug/l	98
7) Trichlorofluoromethane	3.068	101	219880	49.011	ug/l	99
8) Diethyl Ether	3.464	74	56729	45.628	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.824	101	123311	48.142	ug/l	99
10) Methyl Iodide	4.013	142	125851	48.336	ug/l	99
11) Tert butyl alcohol	4.866	59	33542	211.206	ug/l	96
12) 1,1-Dichloroethene	3.800	96	115418	49.424	ug/l	97
13) Acrolein	3.659	56	5504	45.035	ug/l	89
14) Allyl chloride	4.397	41	190579	50.500	ug/l	99
15) Acrylonitrile	5.068	53	115490	218.213	ug/l	99
16) Acetone	3.873	43	126338	241.068	ug/l	94
17) Carbon Disulfide	4.117	76	369324	50.464	ug/l	99
18) Methyl Acetate	4.391	43	51747	44.501	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	267823	45.249	ug/l	100
20) Methylene Chloride	4.623	84	120803	43.913	ug/l	99
21) trans-1,2-Dichloroethene	5.129	96	125702	48.065	ug/l	99
22) Diisopropyl ether	6.031	45	393029	48.325	ug/l	96
23) Vinyl Acetate	5.970	43	1084996	233.756	ug/l	99
24) 1,1-Dichloroethane	5.927	63	231573	48.243	ug/l	99
25) 2-Butanone	6.903	43	161045	222.145	ug/l	99
26) 2,2-Dichloropropane	6.896	77	214717	48.615	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	144113	48.506	ug/l	100
28) Bromochloromethane	7.256	49	113096	56.200	ug/l	98
29) Tetrahydrofuran	7.268	42	95855	214.177	ug/l	99
30) Chloroform	7.427	83	238047	47.758	ug/l	95
31) Cyclohexane	7.707	56	214745	47.720	ug/l	99
32) 1,1,1-Trichloroethane	7.628	97	222274	48.703	ug/l	100
36) 1,1-Dichloropropene	7.841	75	177770	48.866	ug/l	99
37) Ethyl Acetate	6.994	43	69266	43.078	ug/l	99
38) Carbon Tetrachloride	7.823	117	204174	48.800	ug/l	98
39) Methylcyclohexane	9.116	83	230810	51.724	ug/l	98
40) Benzene	8.085	78	520202	48.542	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
 Data File : VY021404.D
 Acq On : 04 Mar 2025 13:12
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY030425

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025

Quant Time: Mar 05 04:18:40 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M

Quant Title : SW846 8260

QLast Update : Wed Mar 05 03:21:56 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.250	41	45456m	51.920	ug/l	
42) 1,2-Dichloroethane	8.165	62	136088	45.393	ug/l	99
43) Isopropyl Acetate	8.201	43	134330	43.036	ug/l	99
44) Trichloroethene	8.872	130	130855	48.321	ug/l	99
45) 1,2-Dichloropropane	9.146	63	120606	47.287	ug/l	98
46) Dibromomethane	9.238	93	64447	45.413	ug/l	99
47) Bromodichloromethane	9.433	83	176210	46.755	ug/l	99
48) Methyl methacrylate	9.225	41	65433	45.652	ug/l	98
49) 1,4-Dioxane	9.238	88	12183	874.634	ug/l	97
51) 4-Methyl-2-Pentanone	10.006	43	349128	216.781	ug/l	100
52) Toluene	10.176	92	334342	49.486	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	157093	47.312	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	190151	48.236	ug/l	100
55) 1,1,2-Trichloroethane	10.579	97	83139	44.786	ug/l	98
56) Ethyl methacrylate	10.445	69	109629	46.305	ug/l	98
57) 1,3-Dichloropropane	10.725	76	148349	46.108	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	270898	247.869	ug/l	99
59) 2-Hexanone	10.768	43	238913	224.350	ug/l	100
60) Dibromochloromethane	10.914	129	117776	46.278	ug/l	99
61) 1,2-Dibromoethane	11.024	107	80473	45.932	ug/l	98
64) Tetrachloroethene	10.652	164	122018	49.207	ug/l	98
65) Chlorobenzene	11.451	112	350050	48.611	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.524	131	122471	48.104	ug/l	99
67) Ethyl Benzene	11.524	91	641534	50.757	ug/l	100
68) m/p-Xylenes	11.633	106	483835	100.830	ug/l	98
69) o-Xylene	11.963	106	225974	51.096	ug/l	99
70) Styrene	11.975	104	369770	50.400	ug/l	100
71) Bromoform	12.139	173	65305	45.886	ug/l #	100
73) Isopropylbenzene	12.261	105	618726	52.186	ug/l	100
74) N-amyl acetate	12.079	43	117390	45.591	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	92237	44.086	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	68229m	44.986	ug/l	
77) Bromobenzene	12.536	156	133678	48.194	ug/l	99
78) n-propylbenzene	12.603	91	752110	52.233	ug/l	100
79) 2-Chlorotoluene	12.688	91	415988	50.525	ug/l	98
80) 1,3,5-Trimethylbenzene	12.743	105	502113	52.113	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	30408	45.578	ug/l	98
82) 4-Chlorotoluene	12.786	91	427326	50.122	ug/l	100
83) tert-Butylbenzene	13.005	119	456314	53.088	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	492767	51.510	ug/l	100
85) sec-Butylbenzene	13.182	105	676621	52.908	ug/l	100
86) p-Isopropyltoluene	13.298	119	553730	52.556	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	269044	48.728	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	260977	48.331	ug/l	99
89) n-Butylbenzene	13.621	91	521532	53.606	ug/l	99
90) Hexachloroethane	13.889	117	112571	50.084	ug/l	99
91) 1,2-Dichlorobenzene	13.664	146	227078	47.985	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	13368	42.654	ug/l	97
93) 1,2,4-Trichlorobenzene	14.926	180	127655	49.388	ug/l	98
94) Hexachlorobutadiene	15.029	225	84554	52.186	ug/l	98
95) Naphthalene	15.151	128	196345	45.480	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	105737	48.639	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
Data File : VY021404.D
Acq On : 04 Mar 2025 13:12
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

Quant Time: Mar 05 04:18:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 03:21:56 2025
Response via : Initial Calibration

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

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

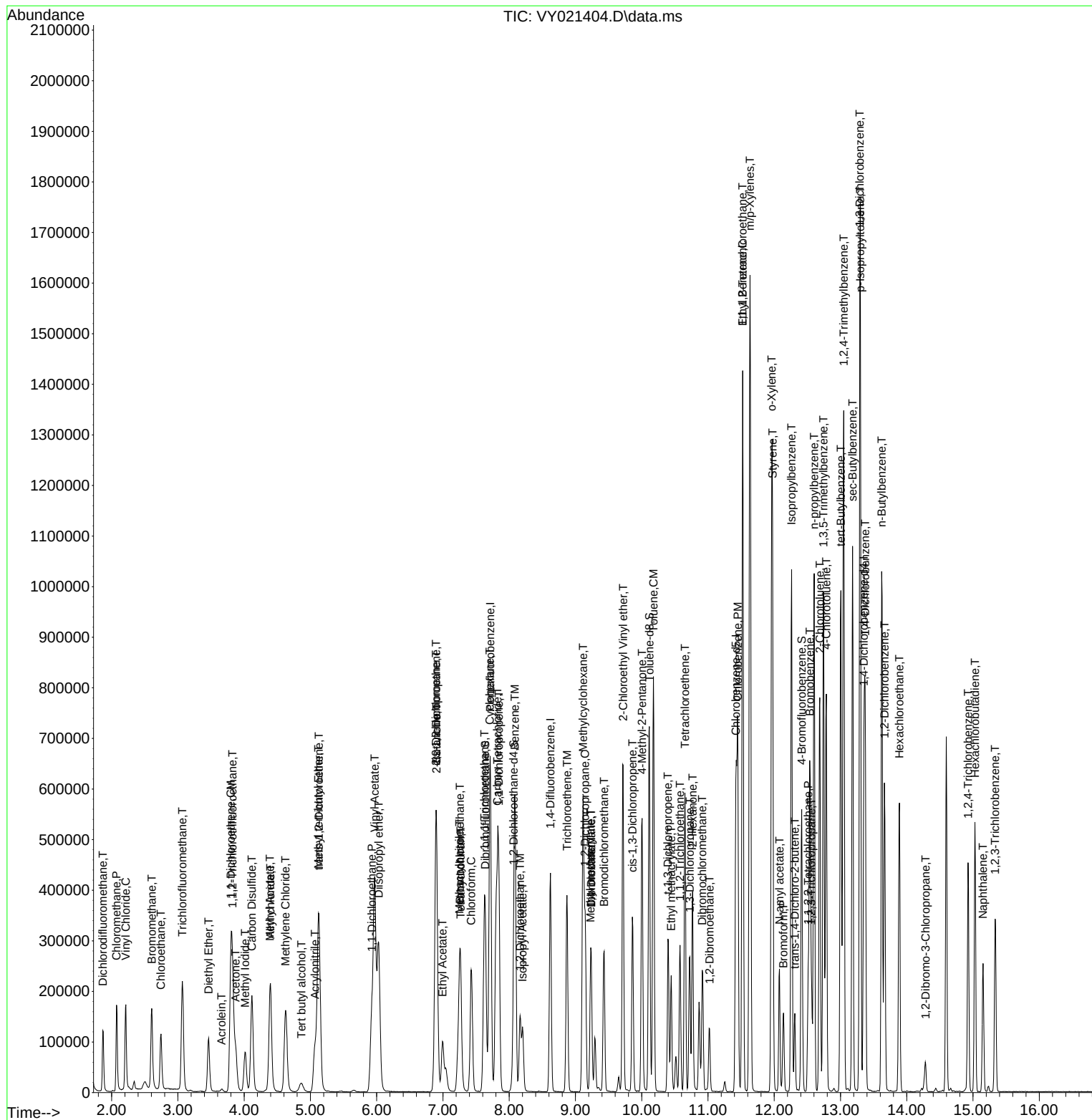
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
 Data File : VY021404.D
 Acq On : 04 Mar 2025 13:12
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

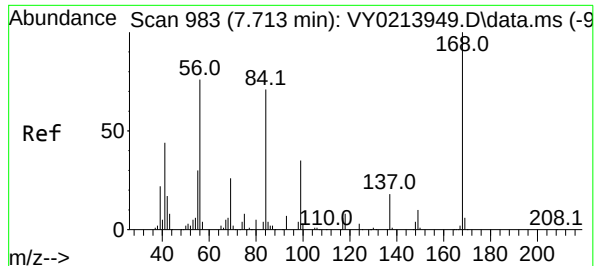
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY030425

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
 Supervised By :Semsettin Yesilyurt 03/06/2025

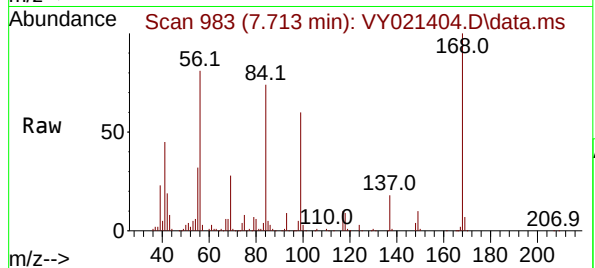
Quant Time: Mar 05 04:18:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 03:21:56 2025
 Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

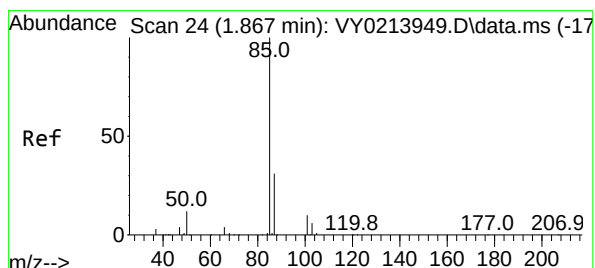
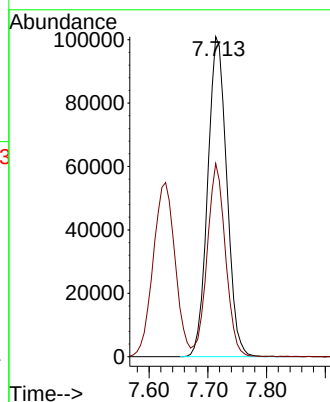
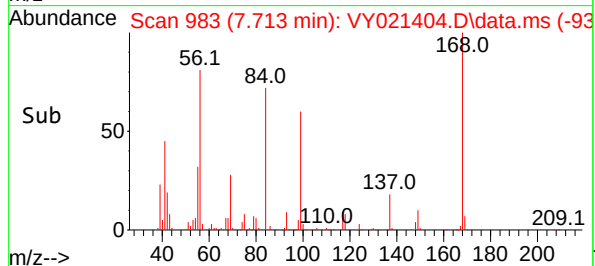
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425



Tgt Ion: 168 Resp: 22733
Ion Ratio Lower Upper
168 100
99 60.2 46.0 69.0

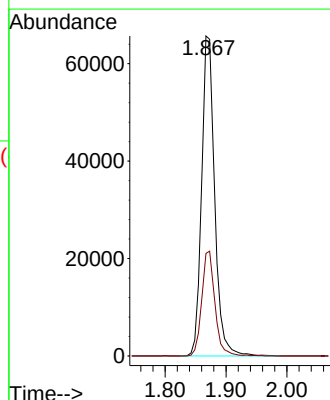
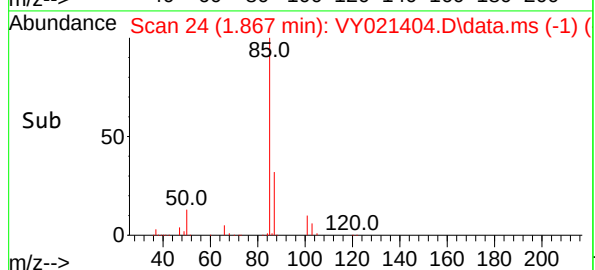
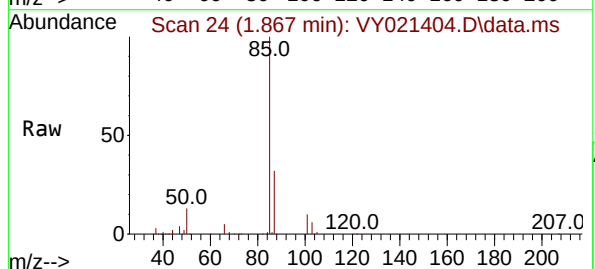
Manual Integrations
APPROVED

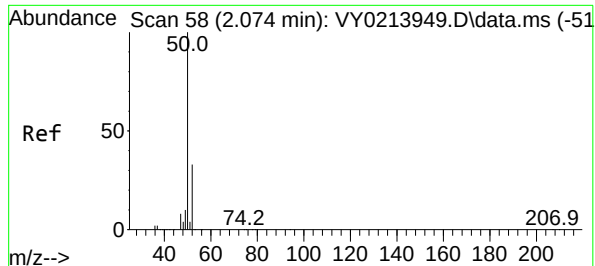
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#2
Dichlorodifluoromethane
Concen: 47.113 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

Tgt Ion: 85 Resp: 98287
Ion Ratio Lower Upper
85 100
87 32.0 15.7 47.0





#3

Chloromethane

Concen: 49.075 ug/l

RT: 2.074 min Scan# 50

Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

ICVY030425

Tgt Ion: 50 Resp: 14434

Ion Ratio Lower Upper

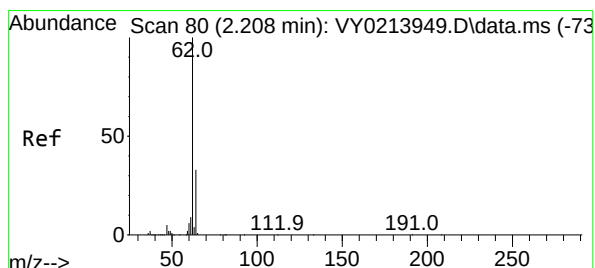
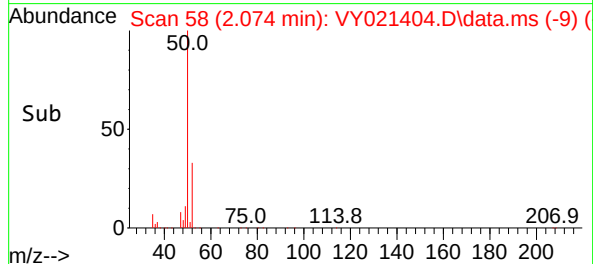
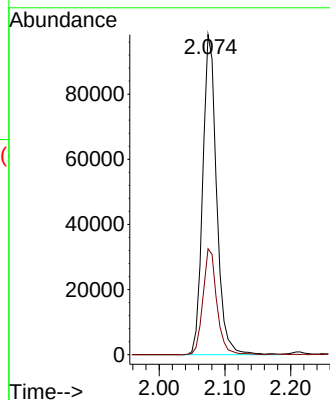
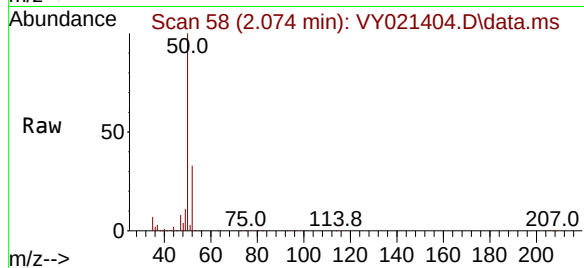
50 100

52 33.1 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#4

Vinyl Chloride

Concen: 50.231 ug/l

RT: 2.214 min Scan# 81

Delta R.T. 0.007 min

Lab File: VY021404.D

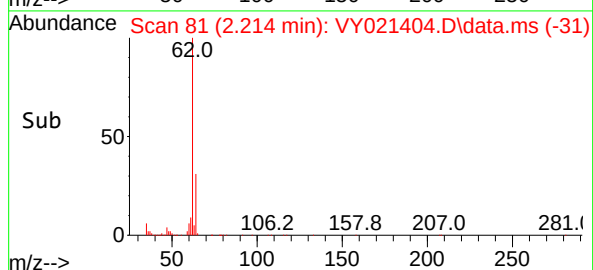
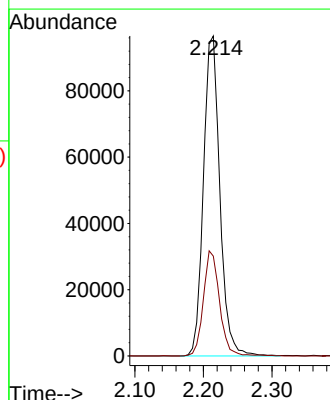
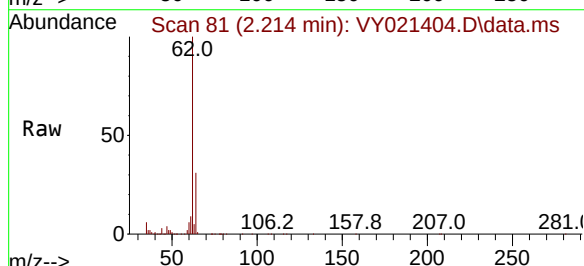
Acq: 04 Mar 2025 13:12

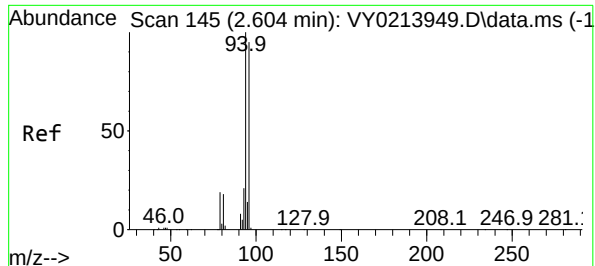
Tgt Ion: 62 Resp: 161453

Ion Ratio Lower Upper

62 100

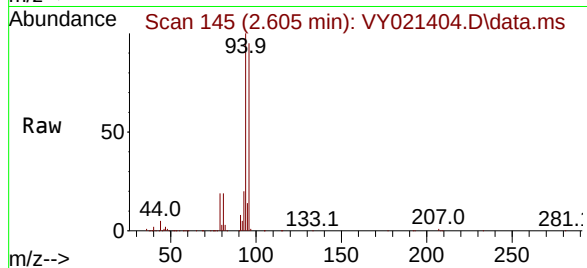
64 31.2 26.2 39.2





#5
Bromomethane
Concen: 46.283 ug/l
RT: 2.605 min Scan# 145
Delta R.T. 0.000 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

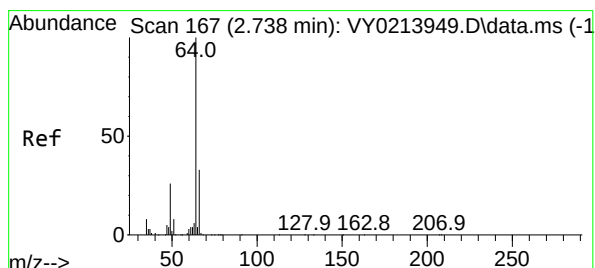
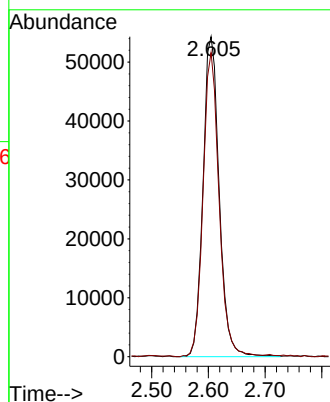
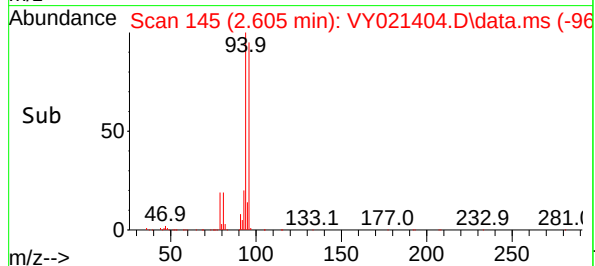
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425



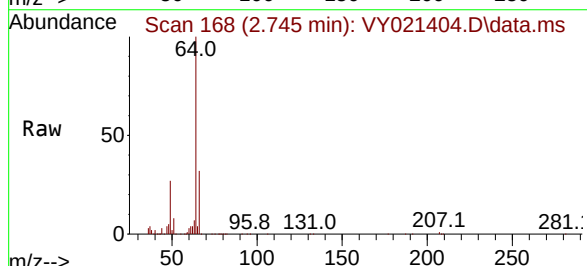
Tgt Ion: 94 Resp: 10751
Ion Ratio Lower Upper
94 100
96 95.1 76.3 114.5

Manual Integrations
APPROVED

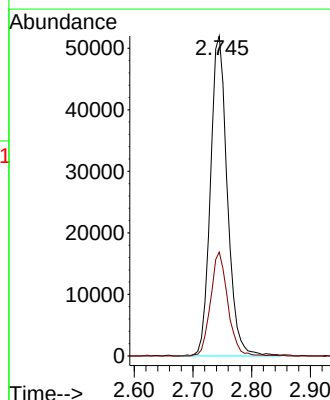
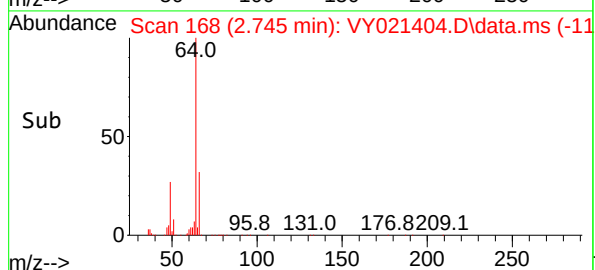
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

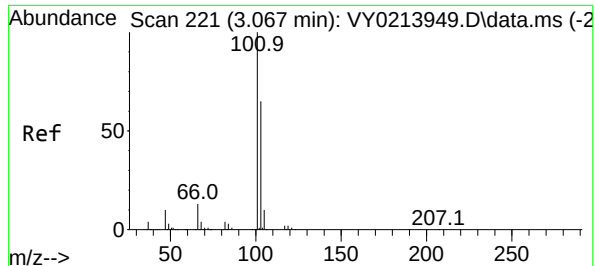


#6
Chloroethane
Concen: 48.912 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.007 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12



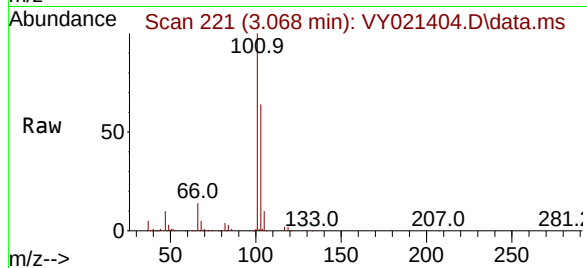
Tgt Ion: 64 Resp: 103894
Ion Ratio Lower Upper
64 100
66 32.4 26.7 40.1





#7
Trichlorofluoromethane
Concen: 49.011 ug/l
RT: 3.068 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

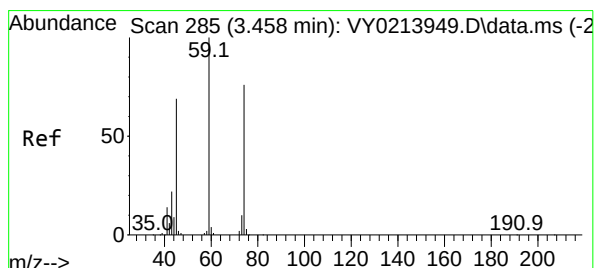
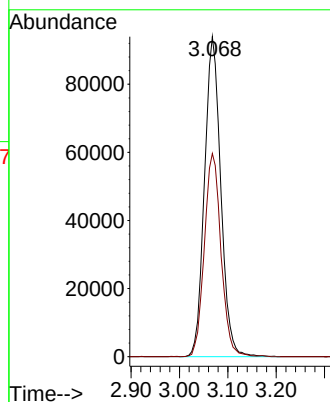
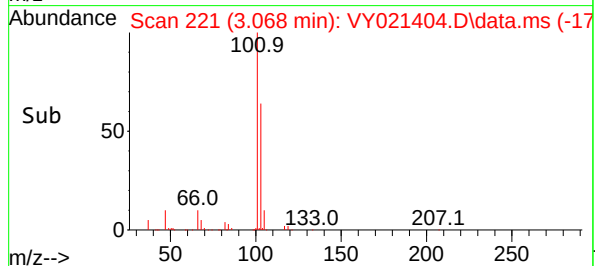
Instrument :
MSVOA_Y
ClientSampleId :
ICVY030425



Tgt Ion:101 Resp: 219880
Ion Ratio Lower Upper
101 100
103 63.5 51.7 77.5

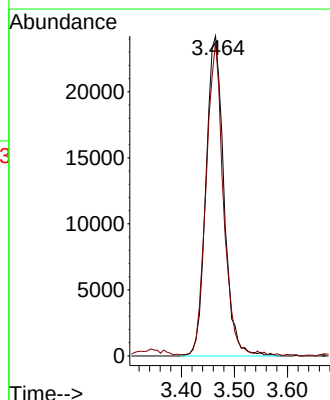
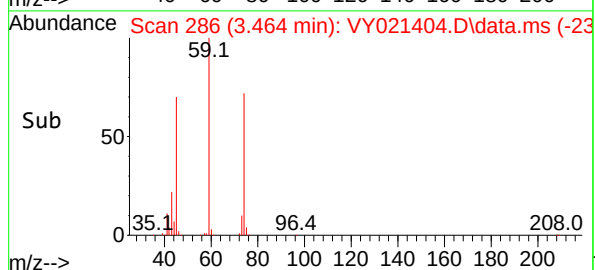
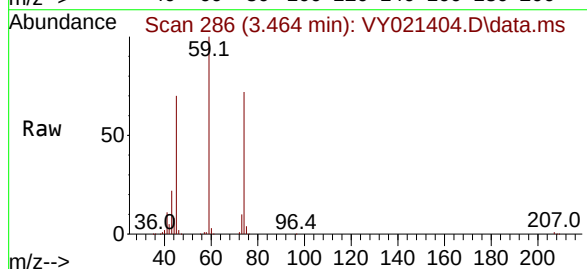
Manual Integrations
APPROVED

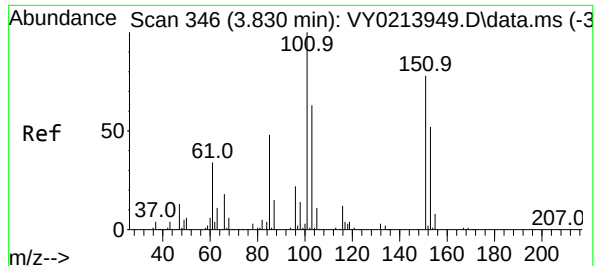
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#8
Diethyl Ether
Concen: 45.628 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.007 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

Tgt Ion: 74 Resp: 56729
Ion Ratio Lower Upper
74 100
45 93.0 49.7 149.1





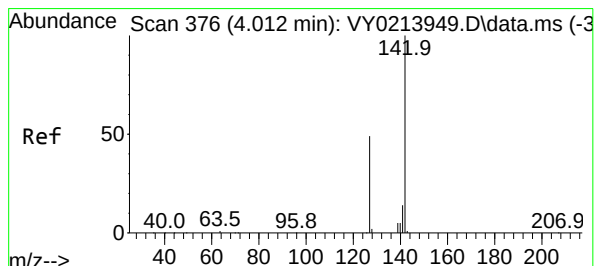
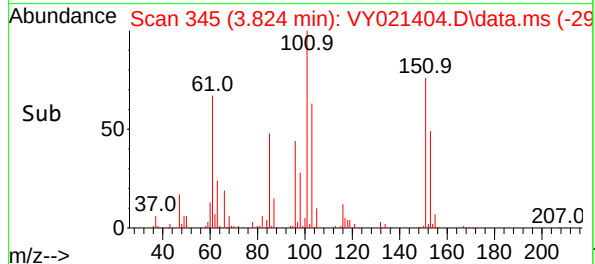
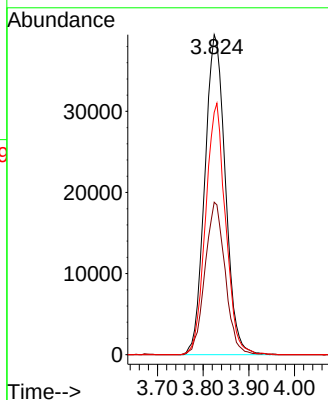
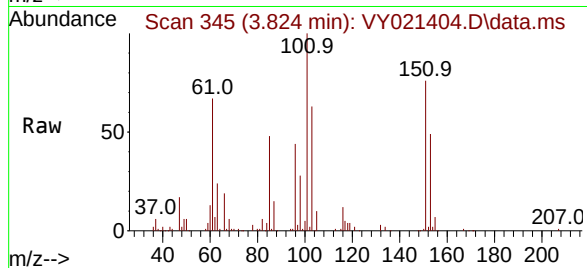
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.142 ug/l
RT: 3.824 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425

Tgt Ion:101 Resp: 12331
Ion Ratio Lower Upper
101 100
85 47.0 37.1 55.7
151 76.2 62.1 93.1

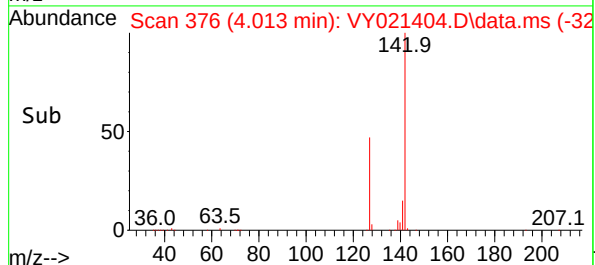
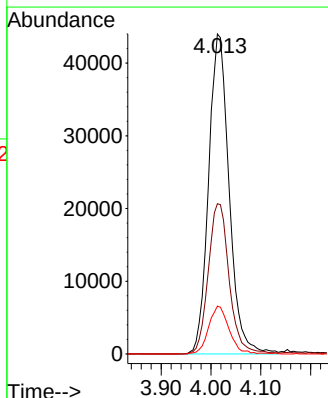
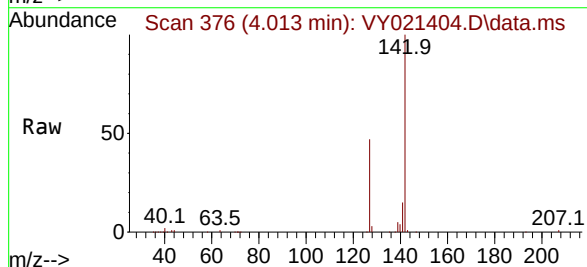
Manual Integrations
APPROVED

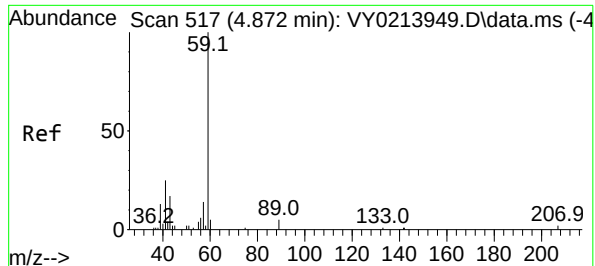
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#10
Methyl Iodide
Concen: 48.336 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.000 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

Tgt Ion:142 Resp: 125851
Ion Ratio Lower Upper
142 100
127 48.0 39.1 58.7
141 14.9 11.8 17.6





#11

Tert butyl alcohol

Concen: 211.206 ug/l

RT: 4.866 min Scan# 517

Delta R.T. -0.006 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

ICVY030425

Tgt Ion: 59 Resp: 3354

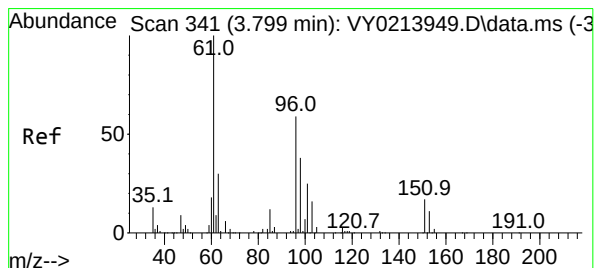
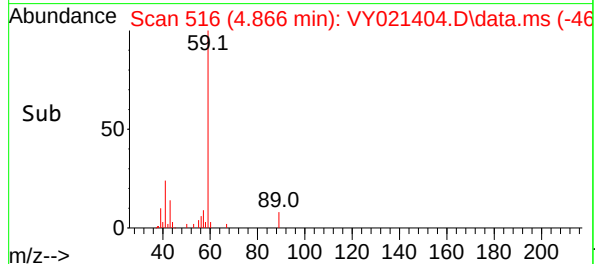
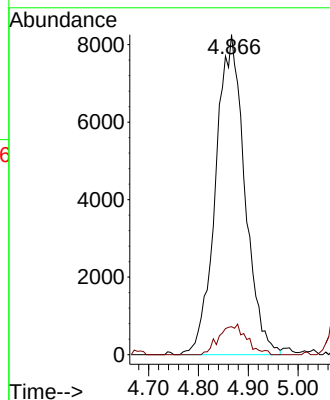
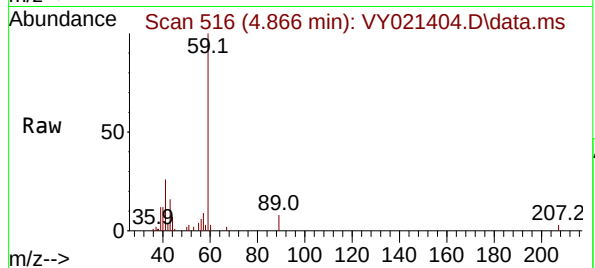
Ion Ratio Lower Upper

59 100

57 8.9 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#12

1,1-Dichloroethene

Concen: 49.424 ug/l

RT: 3.800 min Scan# 341

Delta R.T. 0.001 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

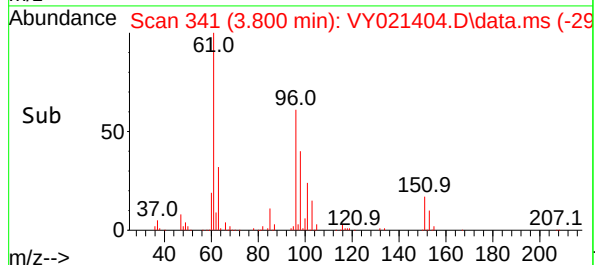
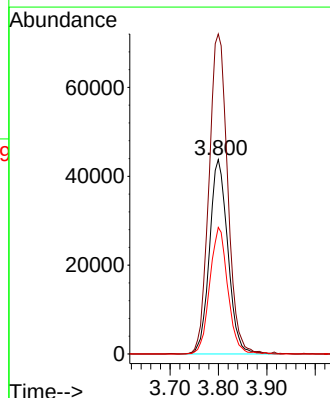
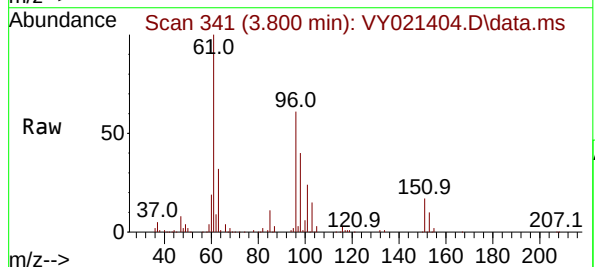
Tgt Ion: 96 Resp: 115418

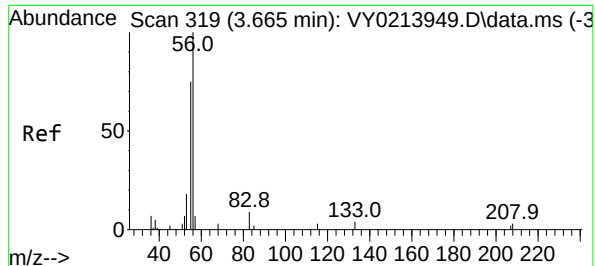
Ion Ratio Lower Upper

96 100

61 164.6 135.2 202.8

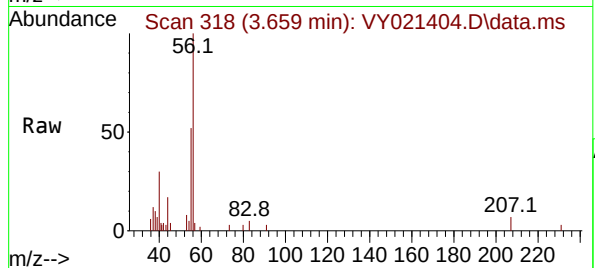
98 65.1 51.4 77.2





#13
Acrolein
Concen: 45.035 ug/l
RT: 3.659 min Scan# 319
Delta R.T. -0.006 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

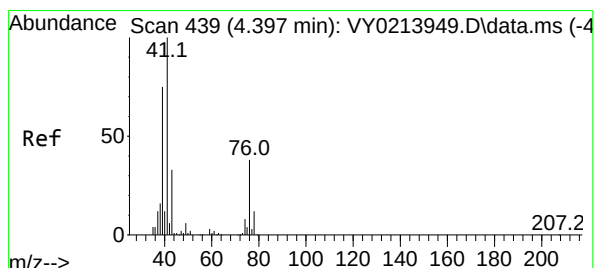
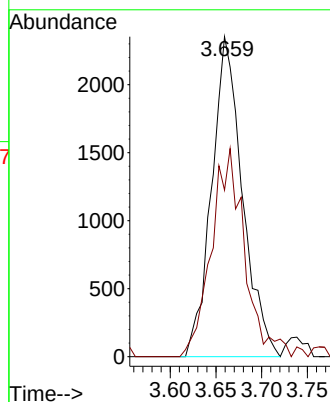
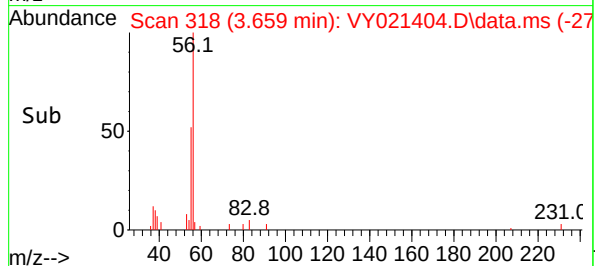
Instrument :
MSVOA_Y
ClientSampleId :
ICVY030425



Tgt Ion: 56 Resp: 5504
Ion Ratio Lower Upper
56 100
55 69.9 63.4 95.2

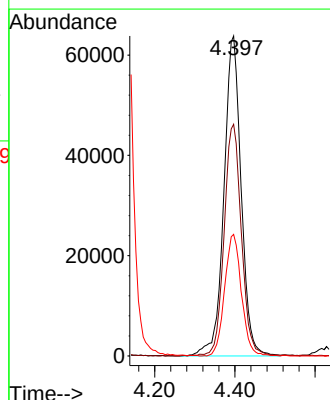
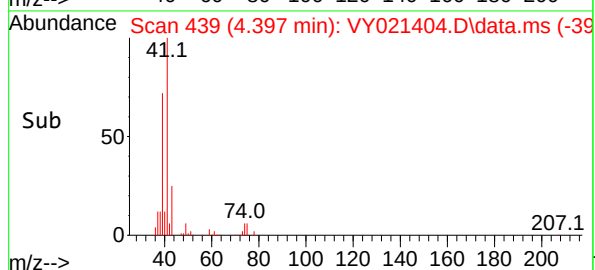
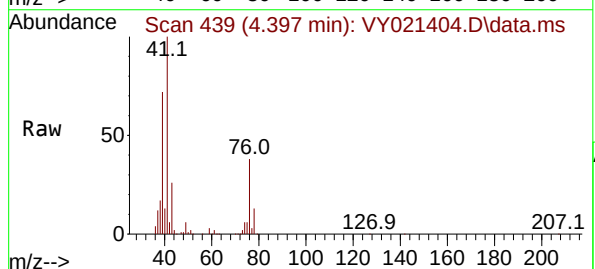
Manual Integrations
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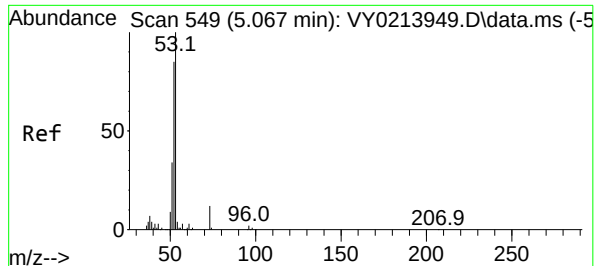
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#14
Allyl chloride
Concen: 50.500 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.000 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

Tgt Ion: 41 Resp: 190579
Ion Ratio Lower Upper
41 100
39 72.5 59.3 88.9
76 37.0 29.8 44.8





#15

Acrylonitrile

Concen: 218.213 ug/l

RT: 5.068 min Scan# 549

Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY030425

Tgt Ion: 53 Resp: 115490

Ion Ratio Lower Upper

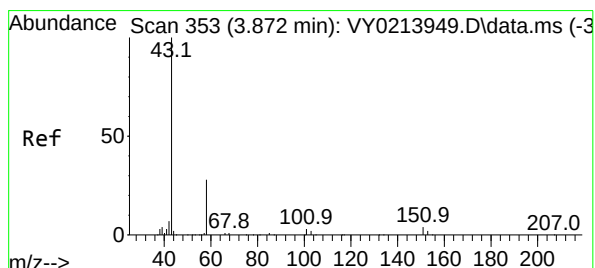
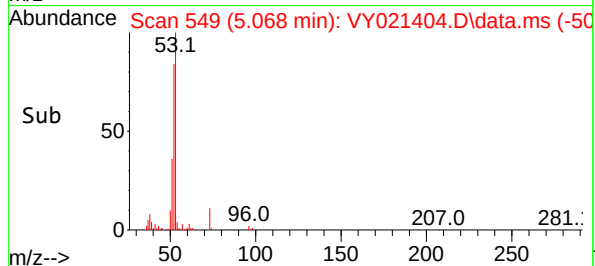
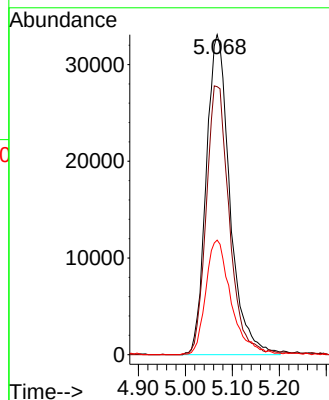
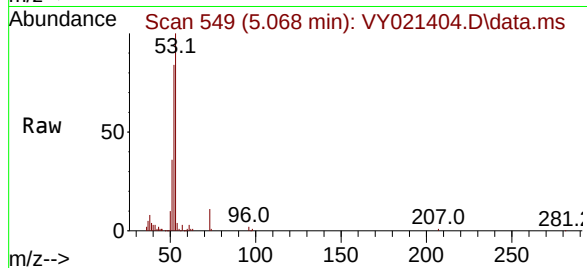
53 100

52 81.7 66.3 99.5

51 38.4 30.3 45.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#16

Acetone

Concen: 241.068 ug/l

RT: 3.873 min Scan# 353

Delta R.T. 0.000 min

Lab File: VY021404.D

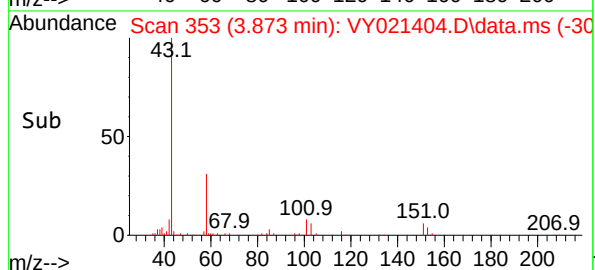
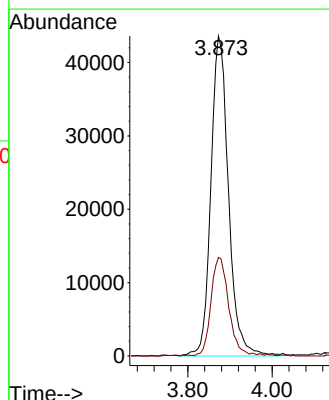
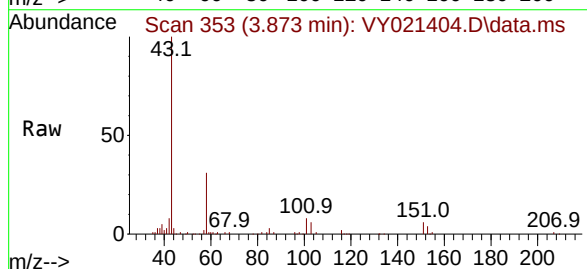
Acq: 04 Mar 2025 13:12

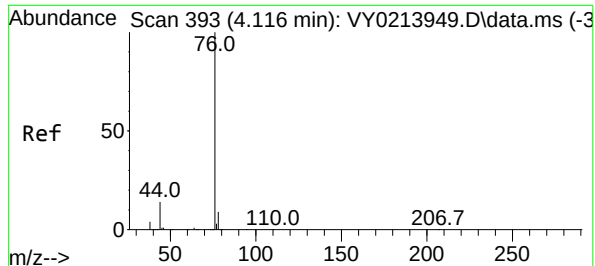
Tgt Ion: 43 Resp: 126338

Ion Ratio Lower Upper

43 100

58 30.7 22.1 33.1





#17

Carbon Disulfide

Concen: 50.464 ug/l

RT: 4.117 min Scan# 393

Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY030425

Tgt Ion: 76 Resp: 369324

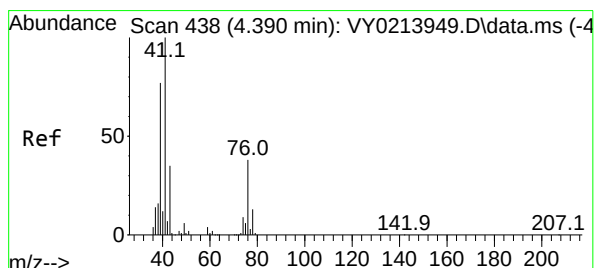
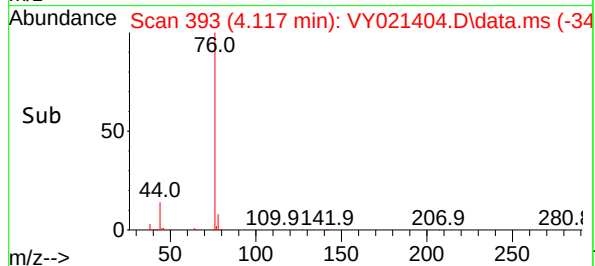
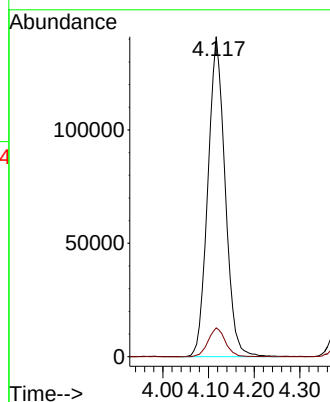
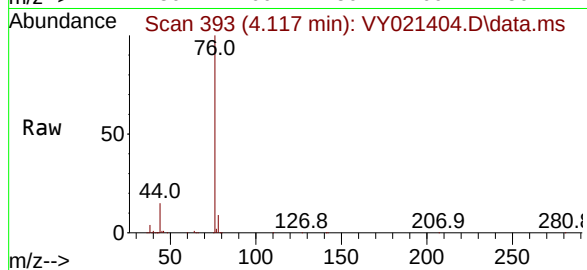
Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#18

Methyl Acetate

Concen: 44.501 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.000 min

Lab File: VY021404.D

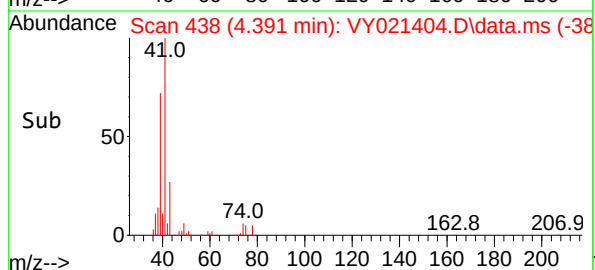
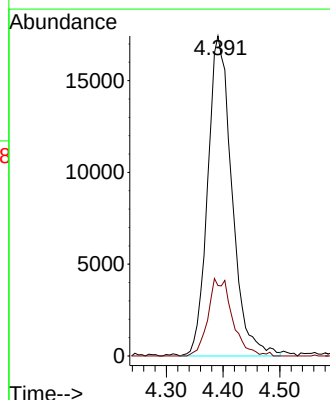
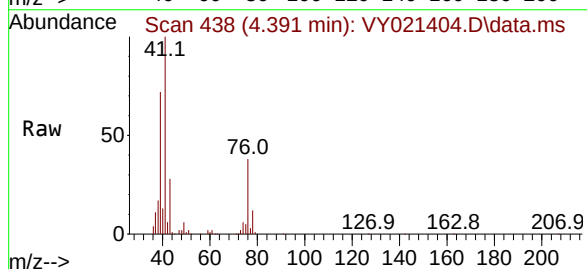
Acq: 04 Mar 2025 13:12

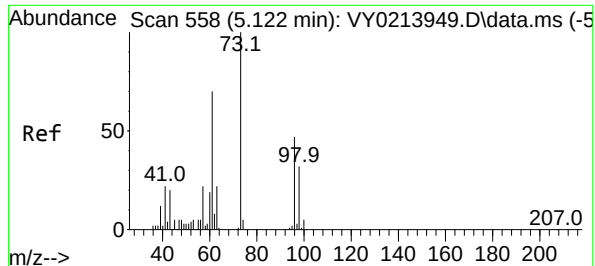
Tgt Ion: 43 Resp: 51747

Ion Ratio Lower Upper

43 100

74 24.3 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 45.249 ug/l

RT: 5.122 min Scan# 5

Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY030425

Tgt Ion: 73 Resp: 26782

Ion Ratio Lower Upper

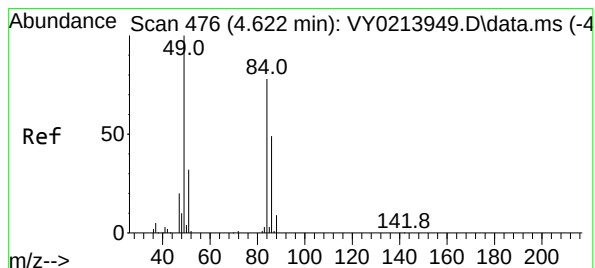
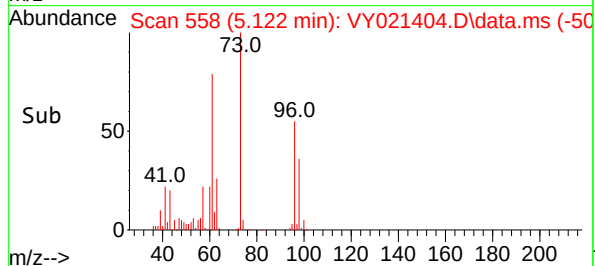
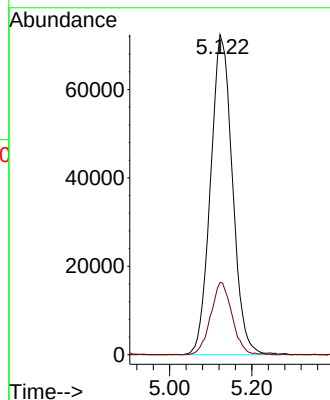
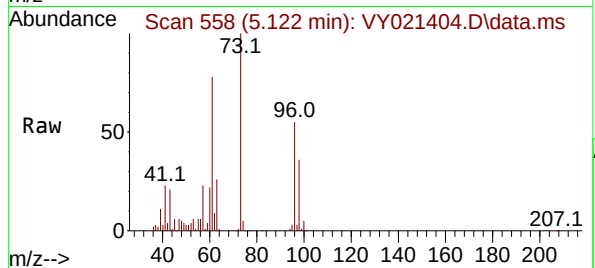
73 100

57 22.6 17.9 26.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#20

Methylene Chloride

Concen: 43.913 ug/l

RT: 4.623 min Scan# 476

Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Tgt Ion: 84 Resp: 120803

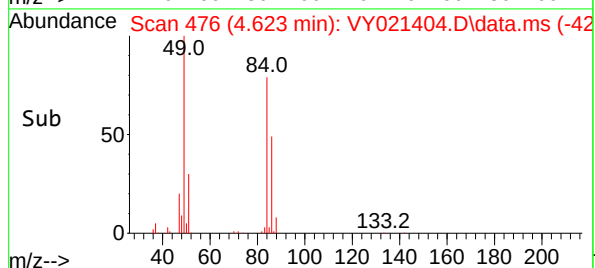
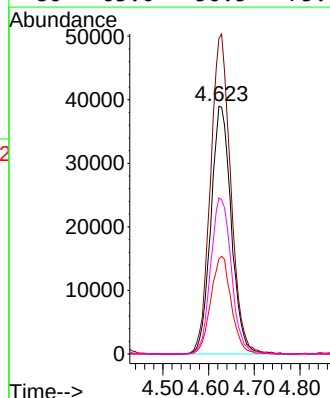
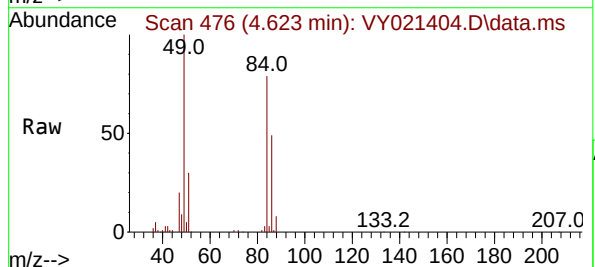
Ion Ratio Lower Upper

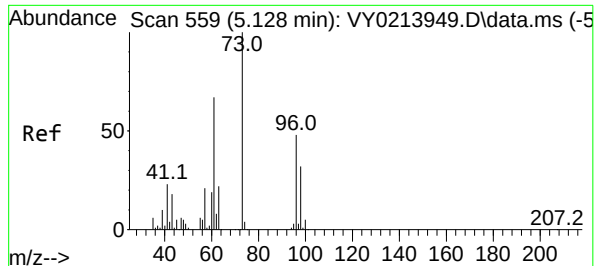
84 100

49 127.3 102.0 153.0

51 38.4 33.0 49.6

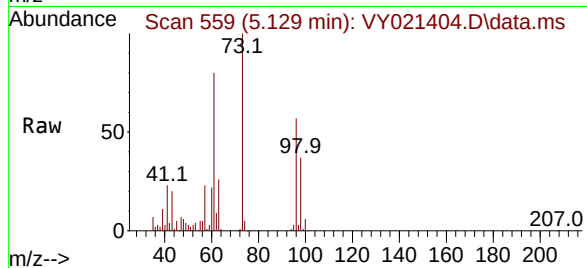
86 63.0 50.5 75.7





#21
trans-1,2-Dichloroethene
Concen: 48.065 ug/l
RT: 5.129 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

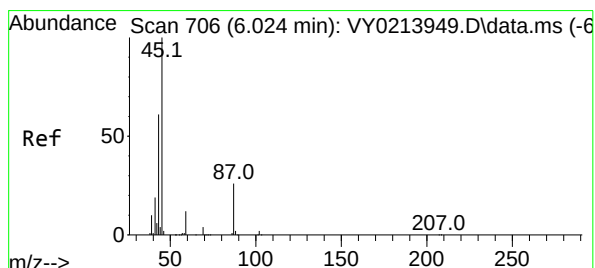
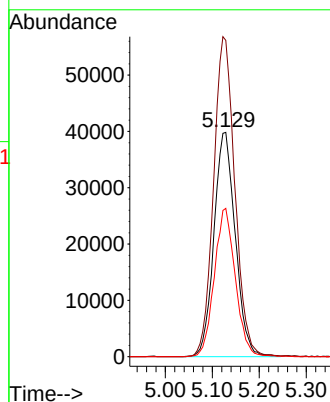
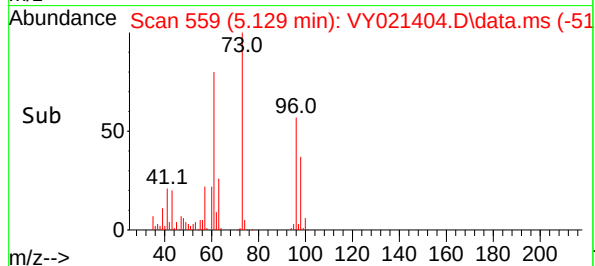
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425



Tgt Ion: 96 Resp: 125702
Ion Ratio Lower Upper
96 100
61 140.9 111.5 167.3
98 66.1 53.8 80.8

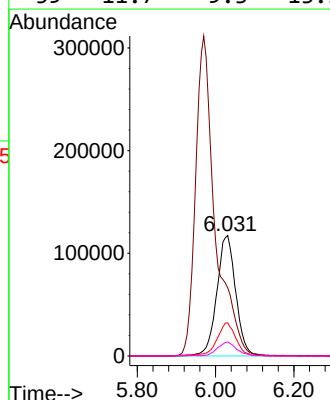
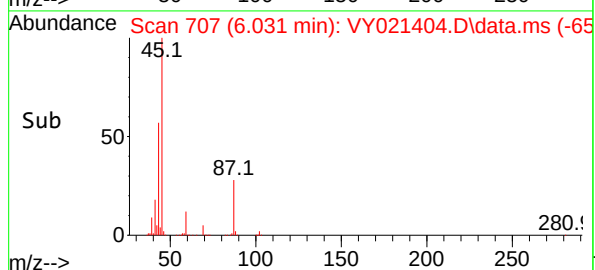
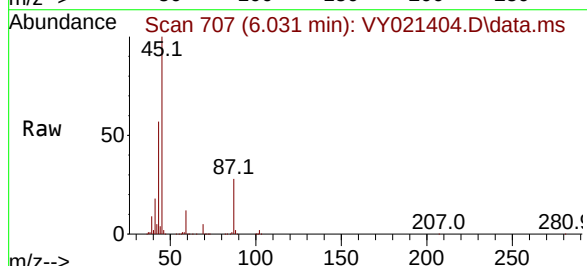
Manual Integrations
APPROVED

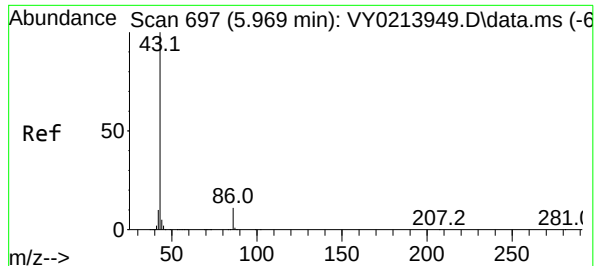
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#22
Diisopropyl ether
Concen: 48.325 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.007 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

Tgt Ion: 45 Resp: 393029
Ion Ratio Lower Upper
45 100
43 56.2 48.7 73.1
87 27.5 21.5 32.3
59 11.7 9.3 13.9





#23

Vinyl Acetate

Concen: 233.756 ug/l

RT: 5.970 min Scan# 697

Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

ICVY030425

Tgt Ion: 43 Resp: 1084990

Ion Ratio Lower Upper

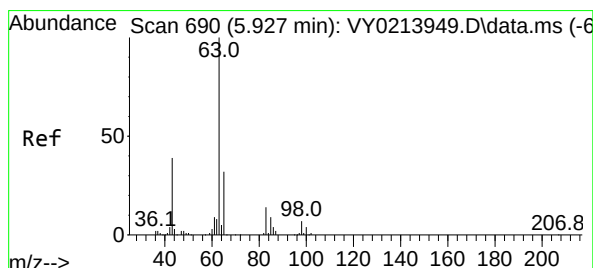
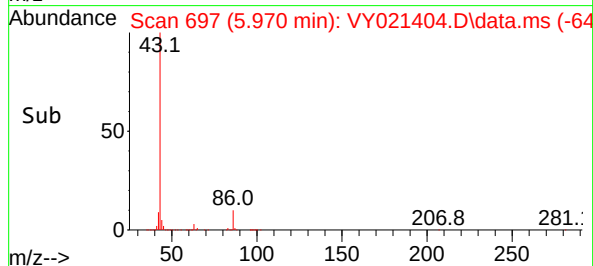
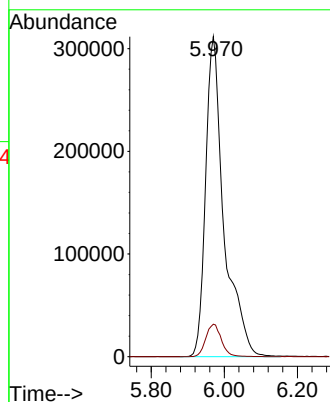
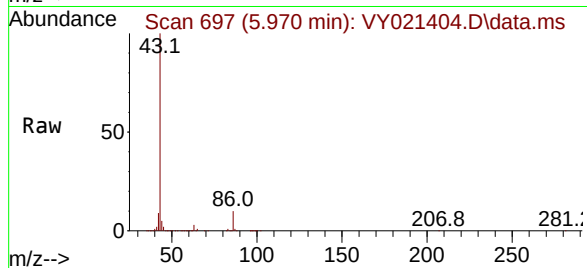
43 100

86 10.2 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#24

1,1-Dichloroethane

Concen: 48.243 ug/l

RT: 5.927 min Scan# 690

Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

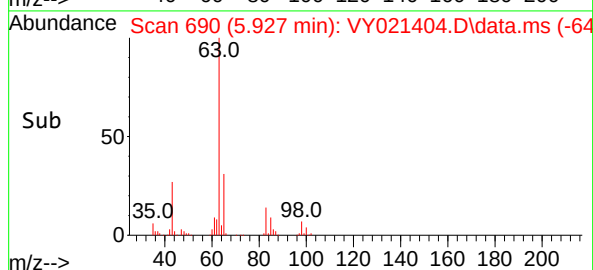
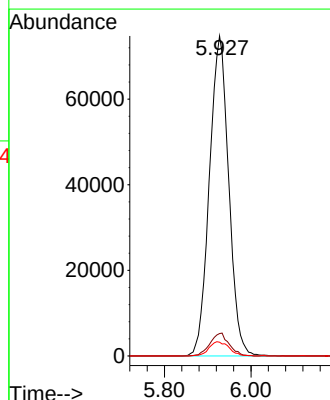
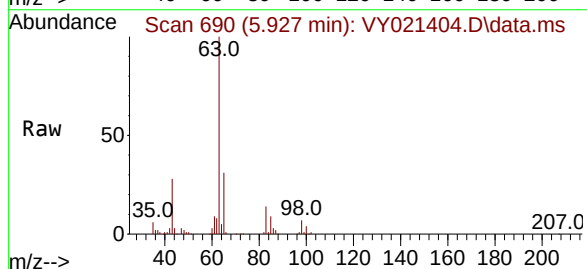
Tgt Ion: 63 Resp: 231573

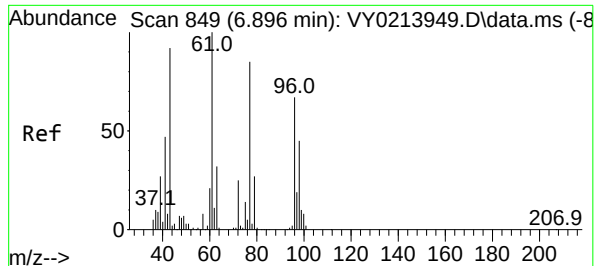
Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.9

100 4.3 2.1 6.5





#25

2-Butanone

Concen: 222.145 ug/l

RT: 6.903 min Scan# 810

Delta R.T. 0.007 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

ICVY030425

Tgt Ion: 43 Resp: 16104

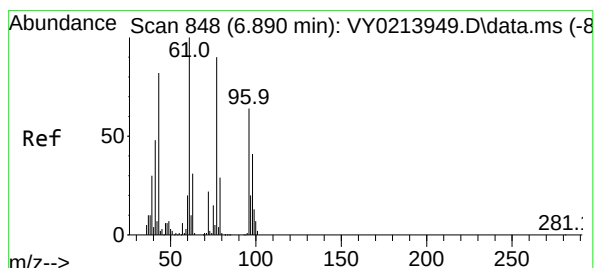
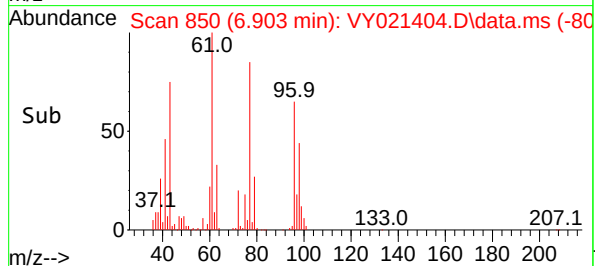
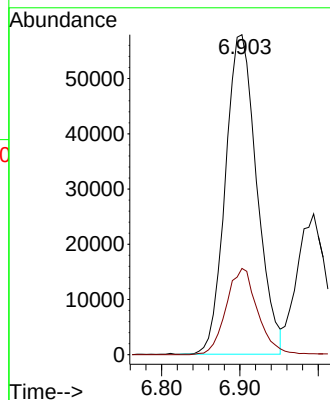
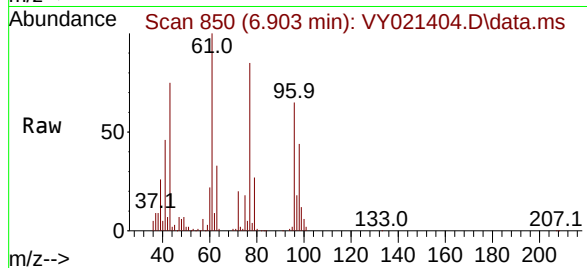
Ion Ratio Lower Upper

43 100

72 27.0 21.4 32.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#26

2,2-Dichloropropane

Concen: 48.615 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.007 min

Lab File: VY021404.D

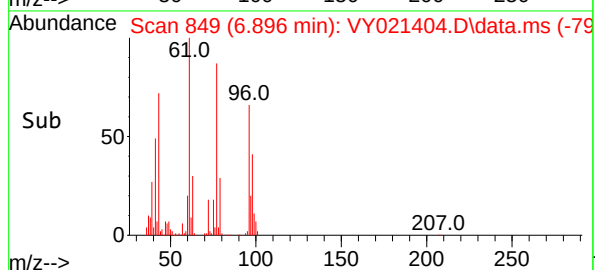
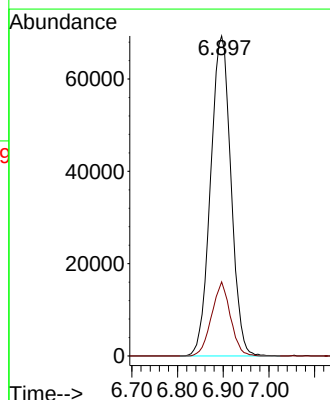
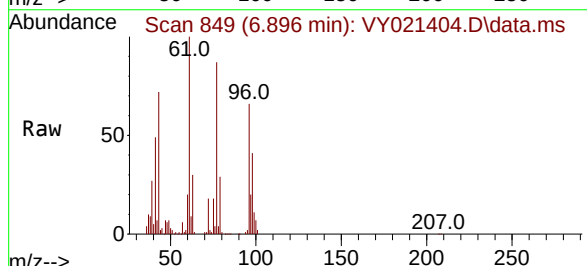
Acq: 04 Mar 2025 13:12

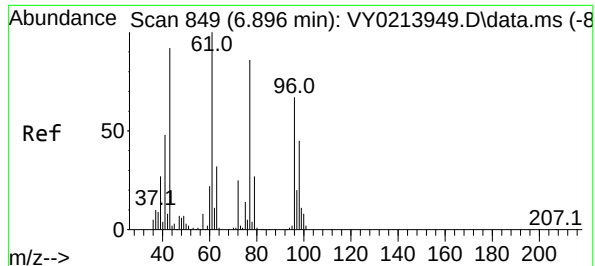
Tgt Ion: 77 Resp: 214717

Ion Ratio Lower Upper

77 100

97 21.4 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 48.506 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

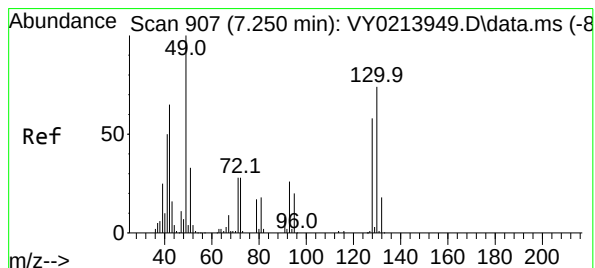
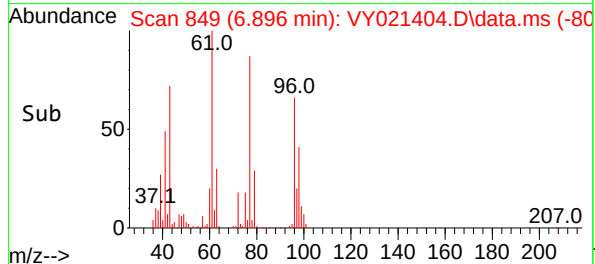
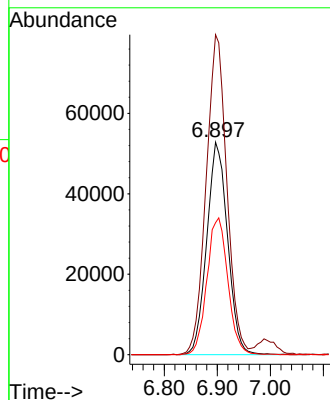
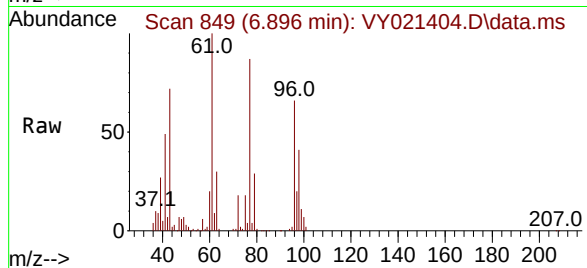
ICVY030425

Tgt Ion: 96	Resp: 14411
Ion Ratio	Lower Upper
96	100
61	149.9 0.0 300.8
98	64.9 0.0 130.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#28

Bromochloromethane

Concen: 56.200 ug/l

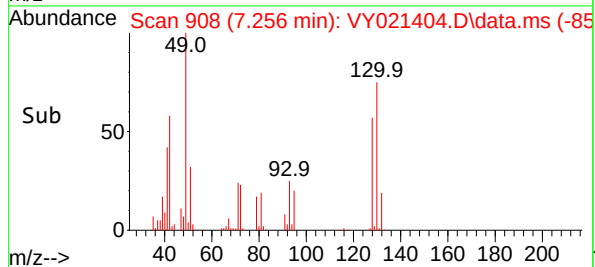
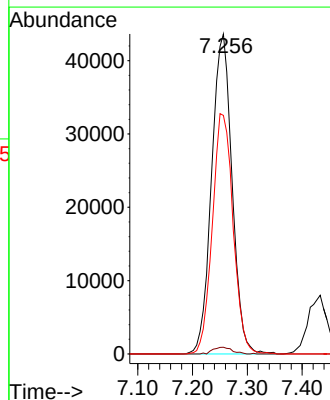
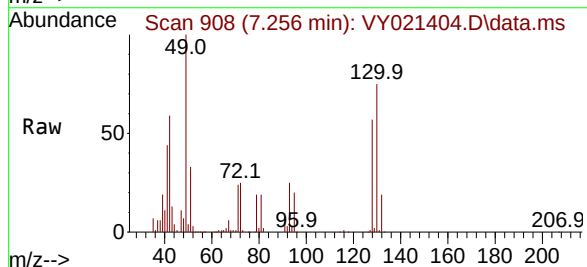
RT: 7.256 min Scan# 908

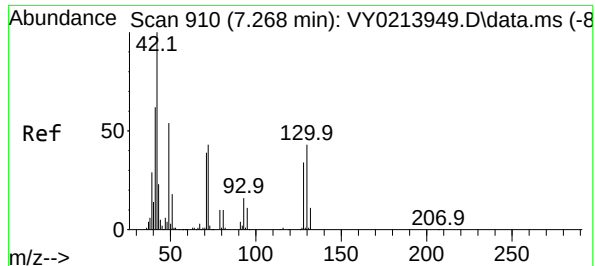
Delta R.T. 0.007 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Tgt Ion: 49	Resp: 113096
Ion Ratio	Lower Upper
49	100
129	2.0 0.0 4.2
130	76.1 59.6 89.4





#29

Tetrahydrofuran

Concen: 214.177 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

ICVY030425

Tgt Ion: 42 Resp: 9585

Ion Ratio Lower Upper

42 100

72 43.8 34.8 52.2

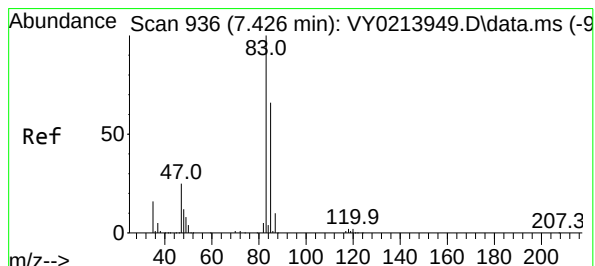
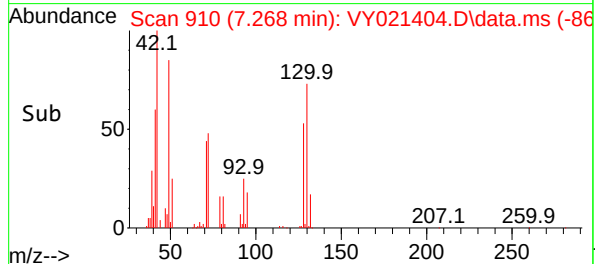
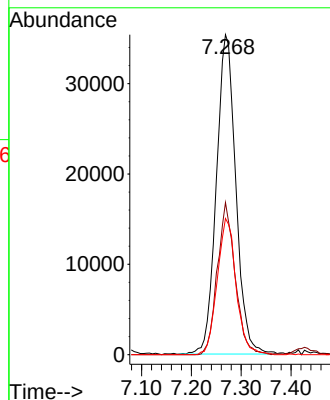
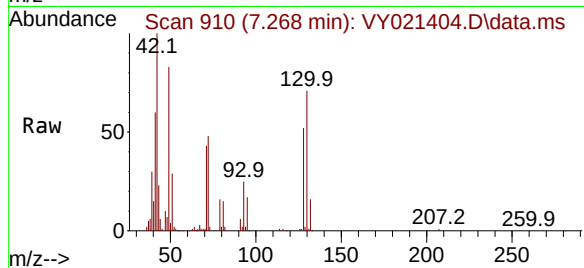
71 41.4 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#30

Chloroform

Concen: 47.758 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.000 min

Lab File: VY021404.D

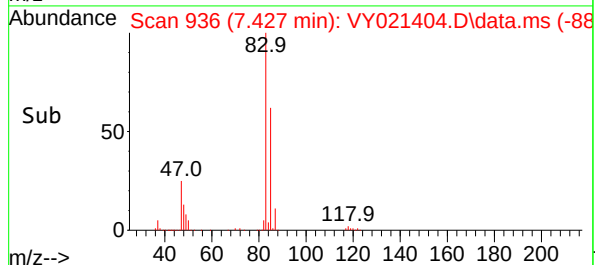
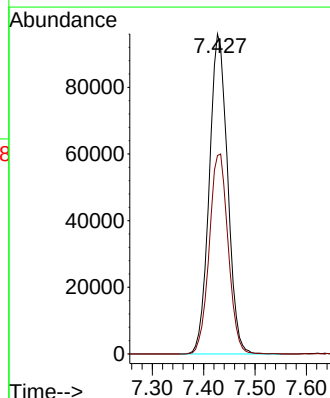
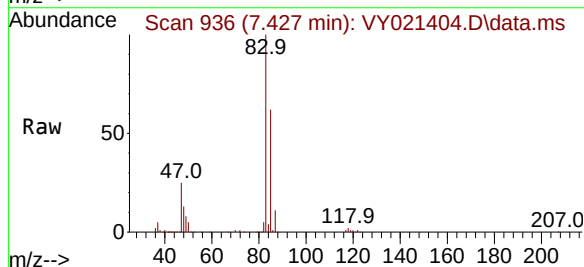
Acq: 04 Mar 2025 13:12

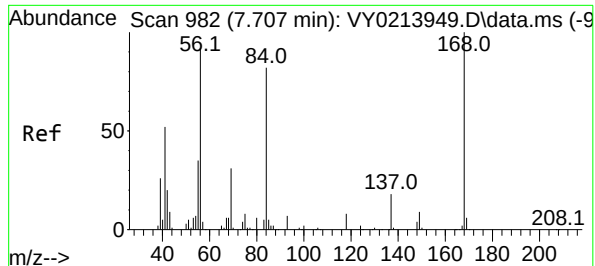
Tgt Ion: 83 Resp: 238047

Ion Ratio Lower Upper

83 100

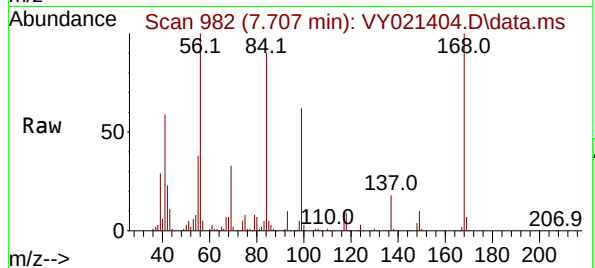
85 62.0 53.1 79.7





#31
Cyclohexane
Concen: 47.720 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

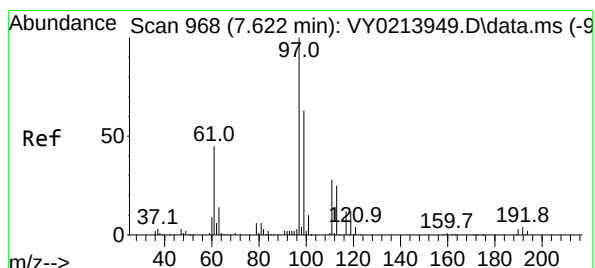
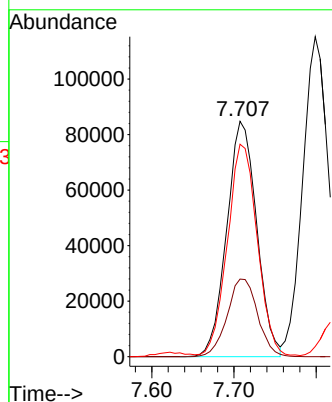
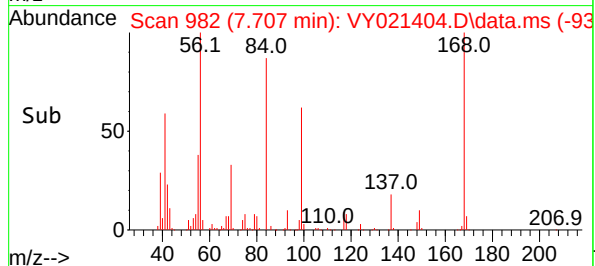
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425



Tgt Ion: 56 Resp: 214745
Ion Ratio Lower Upper
56 100
69 33.0 27.0 40.4
84 88.6 71.1 106.7

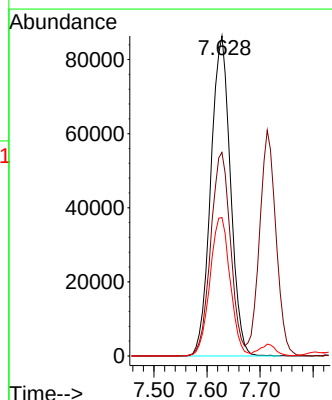
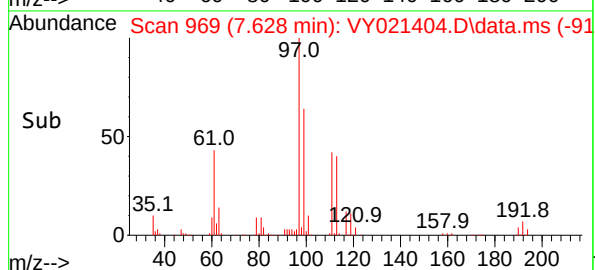
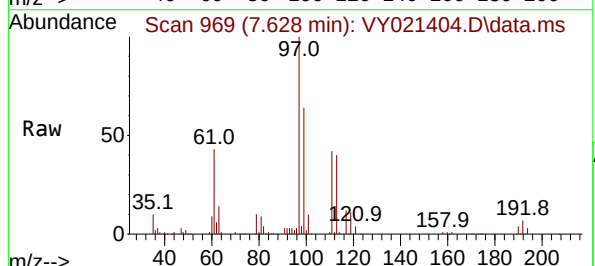
Manual Integrations
APPROVED

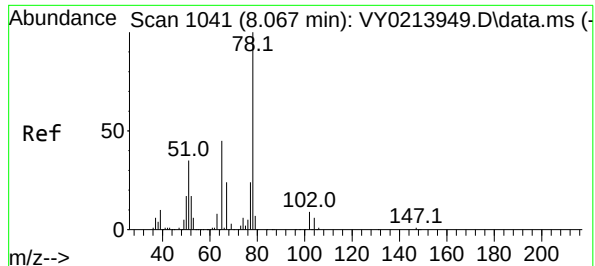
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#32
1,1,1-Trichloroethane
Concen: 48.703 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.007 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

Tgt Ion: 97 Resp: 222274
Ion Ratio Lower Upper
97 100
99 64.1 51.7 77.5
61 44.6 35.7 53.5





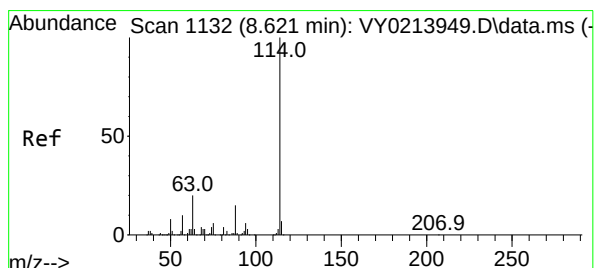
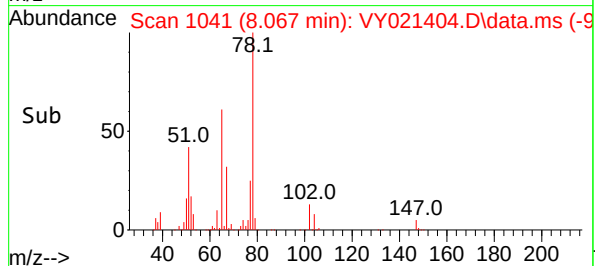
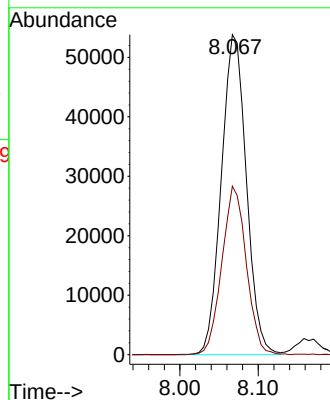
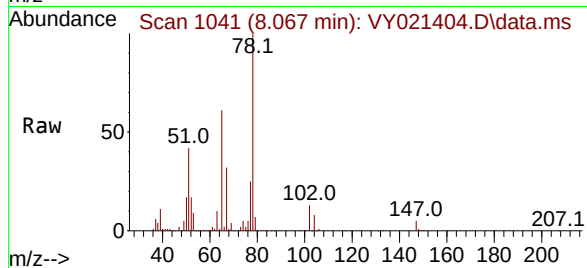
#33
1,2-Dichloroethane-d4
Concen: 49.828 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425

Tgt Ion: 65 Resp: 11972
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.8

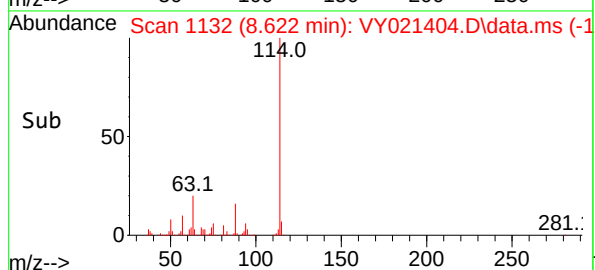
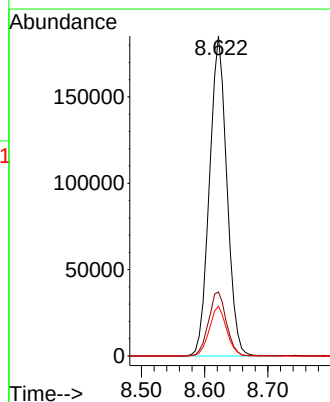
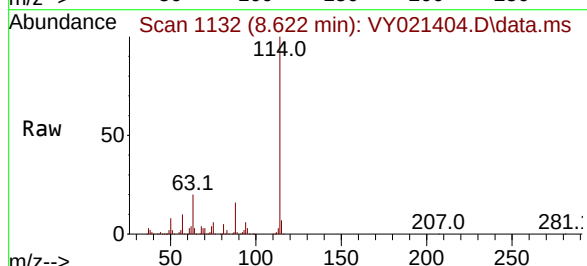
Manual Integrations
APPROVED

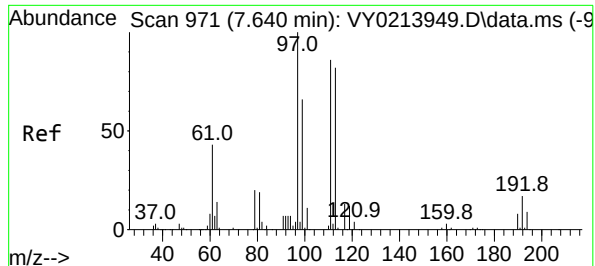
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

Tgt Ion:114 Resp: 353570
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.8
88 15.5 0.0 30.8





#35

Dibromofluoromethane

Concen: 50.894 ug/l

RT: 7.640 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

ICVY030425

Tgt Ion:113 Resp: 11828

Ion Ratio Lower Upper

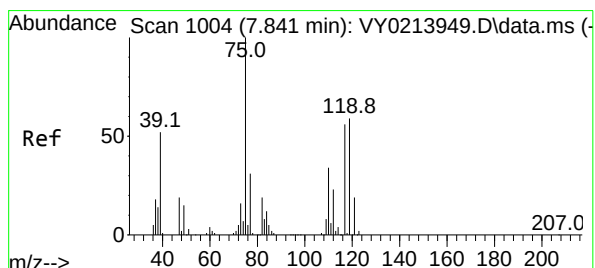
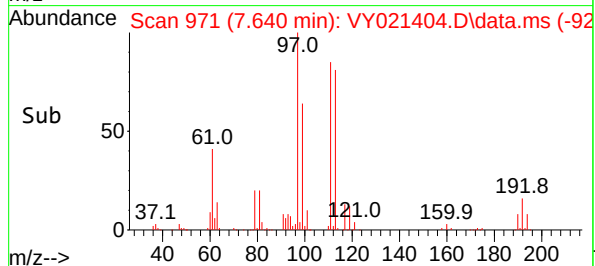
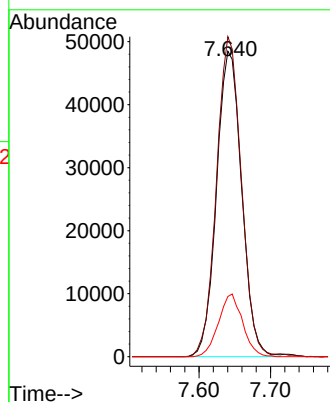
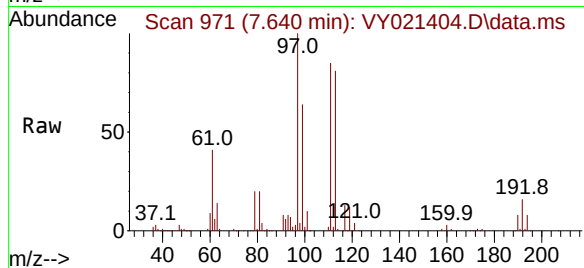
113 100

111 104.0 82.0 123.0

192 19.7 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#36

1,1-Dichloropropene

Concen: 48.866 ug/l

RT: 7.841 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

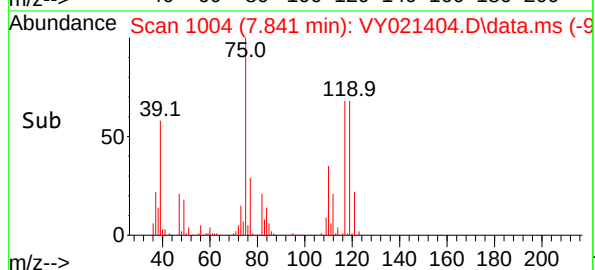
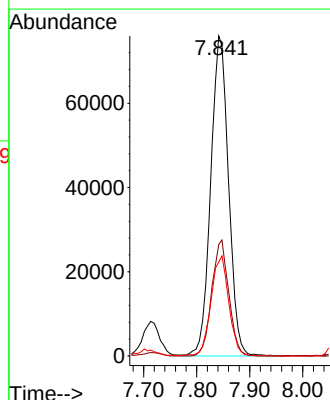
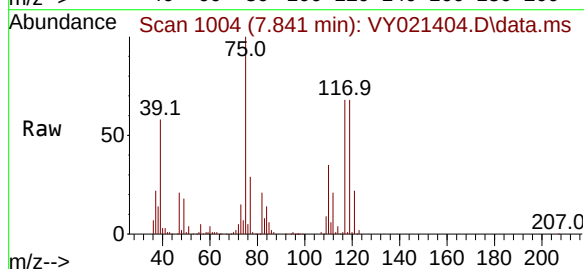
Tgt Ion: 75 Resp: 177770

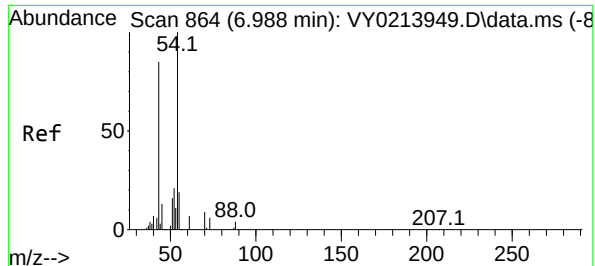
Ion Ratio Lower Upper

75 100

110 34.5 17.3 51.7

77 31.0 25.4 38.2





#37

Ethyl Acetate

Concen: 43.078 ug/l

RT: 6.994 min Scan# 80

Delta R.T. 0.007 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

ICVY030425

Tgt Ion: 43 Resp: 69260

Ion Ratio Lower Upper

43 100

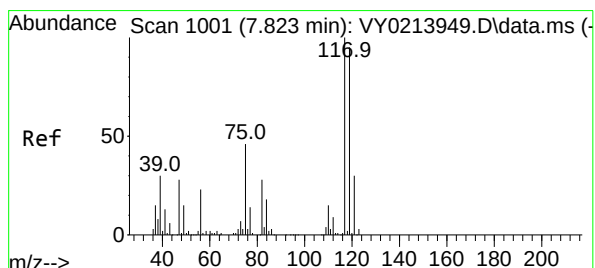
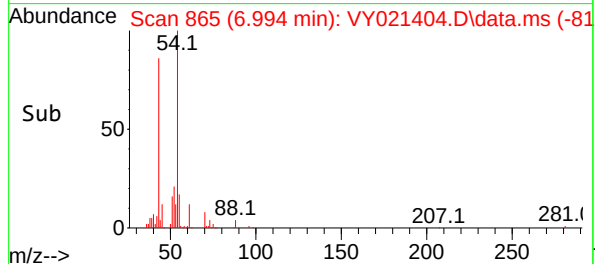
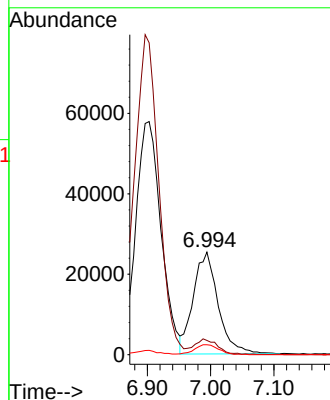
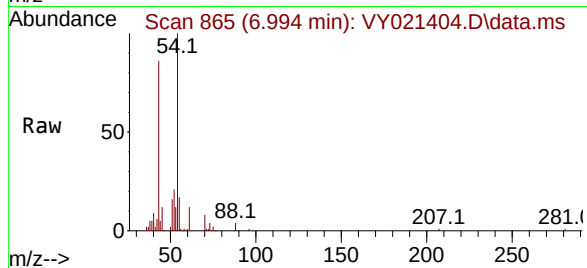
61 13.8 11.4 17.0

70 9.7 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#38

Carbon Tetrachloride

Concen: 48.800 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

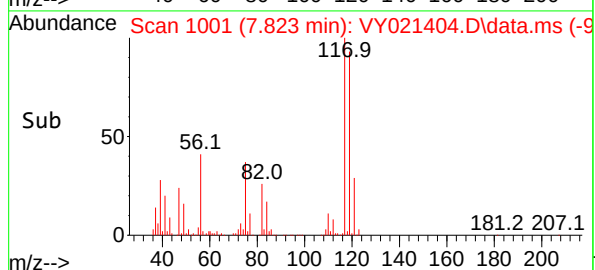
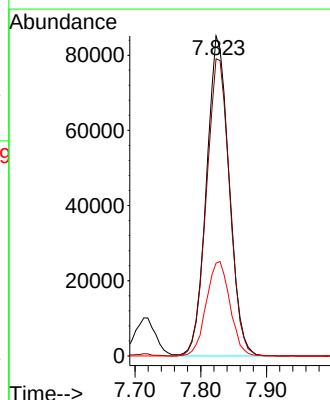
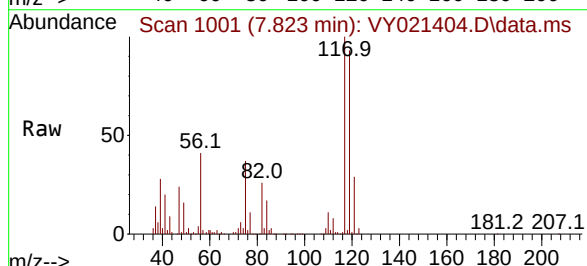
Tgt Ion:117 Resp: 204174

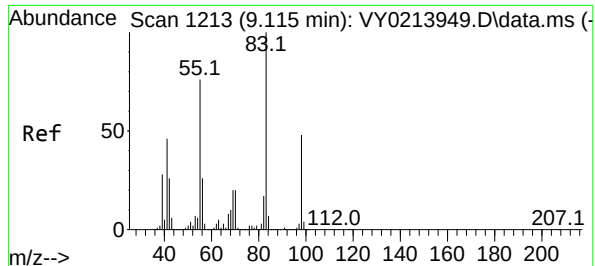
Ion Ratio Lower Upper

117 100

119 92.8 75.8 113.8

121 29.0 23.9 35.9





#39

Methylcyclohexane

Concen: 51.724 ug/l

RT: 9.116 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

ICVY030425

Tgt Ion: 83 Resp: 230810

Ion Ratio Lower Upper

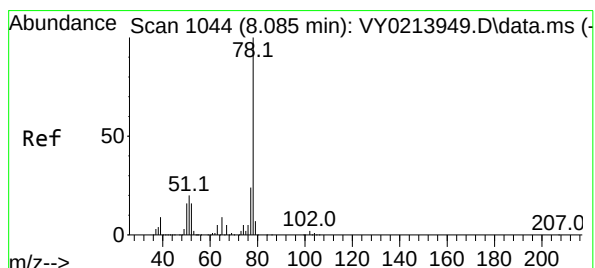
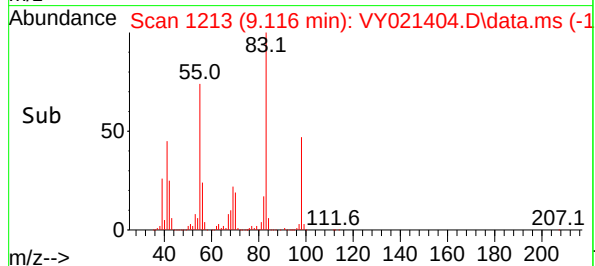
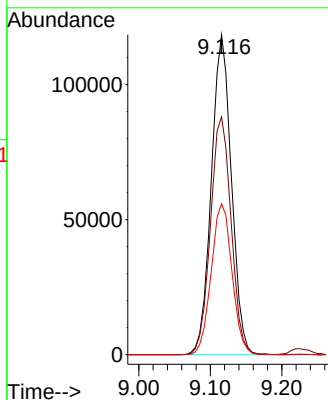
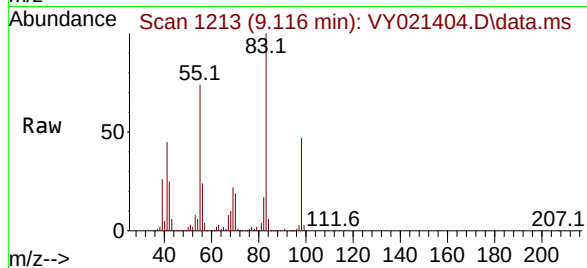
83 100

55 74.4 60.7 91.1

98 47.1 38.6 57.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#40

Benzene

Concen: 48.542 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VY021404.D

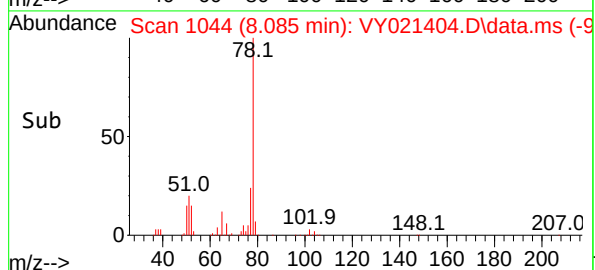
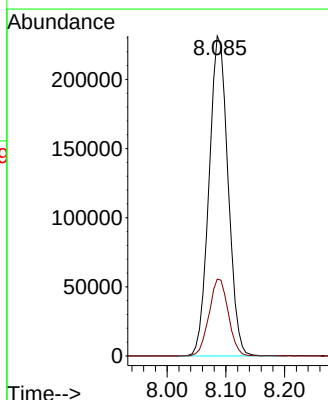
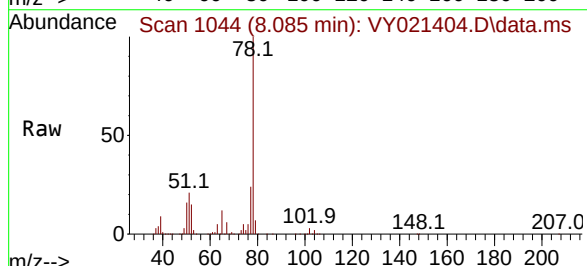
Acq: 04 Mar 2025 13:12

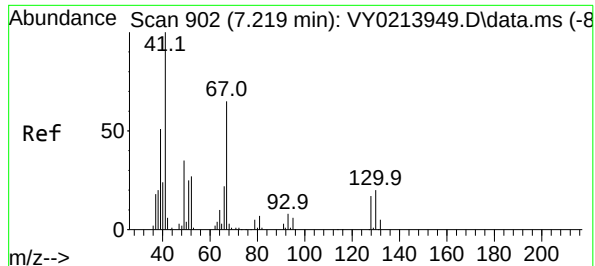
Tgt Ion: 78 Resp: 520202

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.4





#41

Methacrylonitrile

Concen: 51.920 ug/l m

RT: 7.250 min Scan# 902

Delta R.T. 0.031 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY030425

Tgt Ion: 41 Resp: 45450

Ion Ratio Lower Upper

41 100

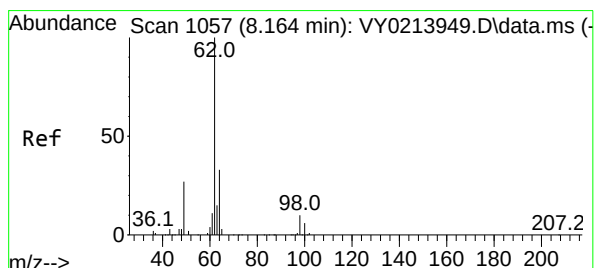
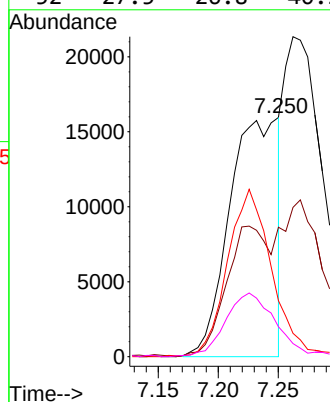
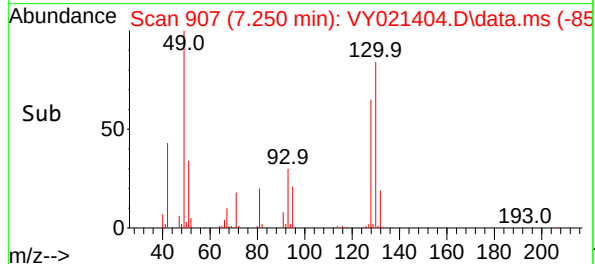
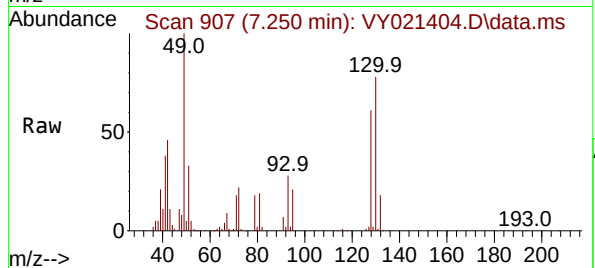
39 47.2 35.0 52.6

67 63.4 61.2 91.8

52 27.5 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#42

1,2-Dichloroethane

Concen: 45.393 ug/l

RT: 8.165 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VY021404.D

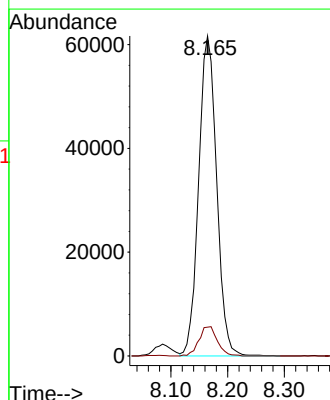
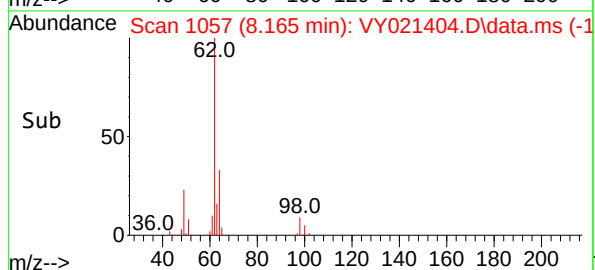
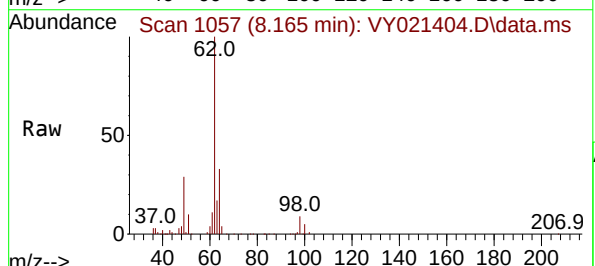
Acq: 04 Mar 2025 13:12

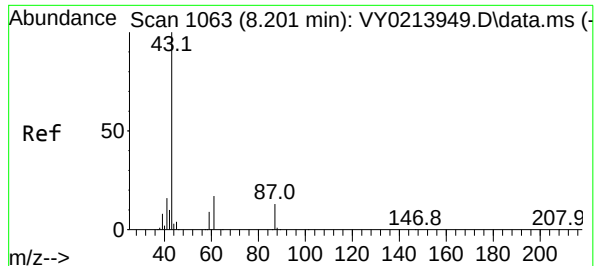
Tgt Ion: 62 Resp: 136088

Ion Ratio Lower Upper

62 100

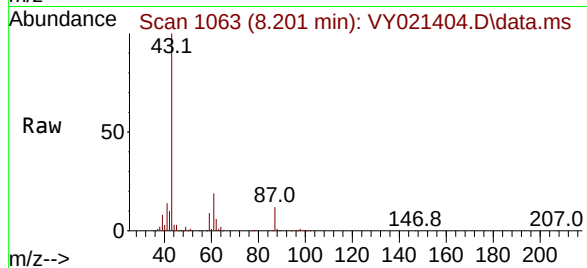
98 9.4 0.0 18.2





#43
Isopropyl Acetate
Concen: 43.036 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

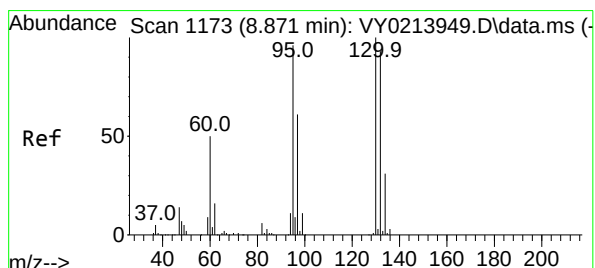
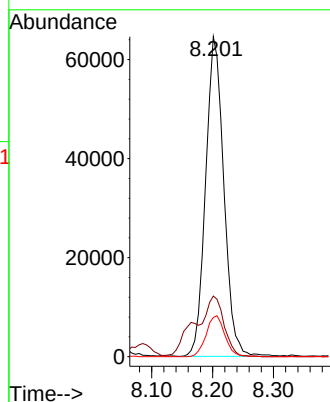
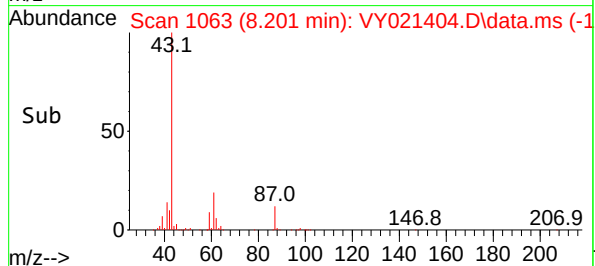
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425



Tgt Ion: 43 Resp: 134330
Ion Ratio Lower Upper
43 100
61 29.8 23.4 35.0
87 13.1 10.5 15.7

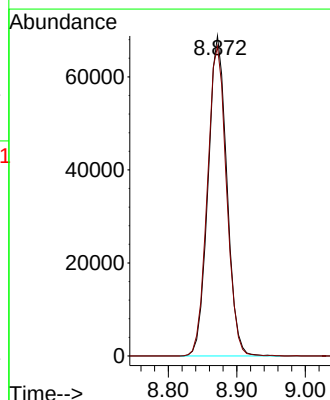
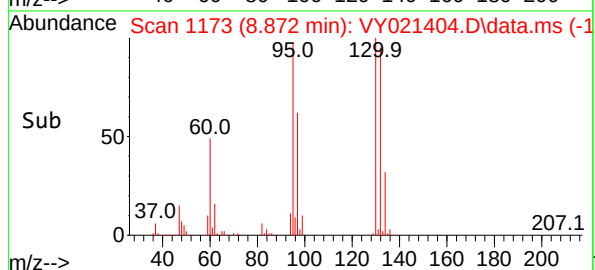
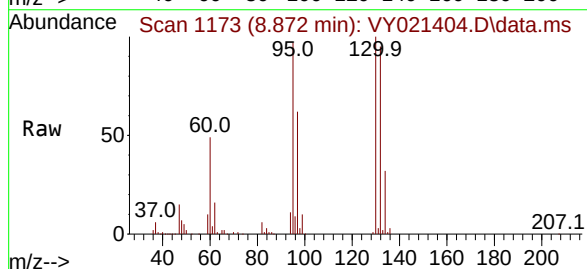
Manual Integrations
APPROVED

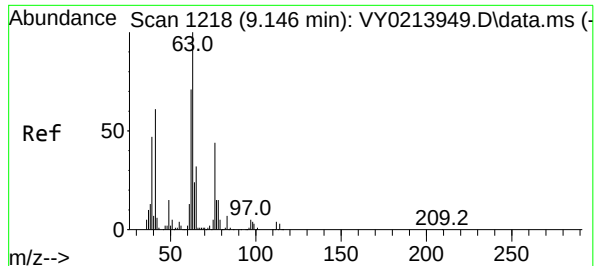
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#44
Trichloroethene
Concen: 48.321 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

Tgt Ion:130 Resp: 130855
Ion Ratio Lower Upper
130 100
95 96.7 0.0 191.6





#45

1,2-Dichloropropane

Concen: 47.287 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

ICVY030425

Tgt Ion: 63 Resp: 120600

Ion Ratio Lower Upper

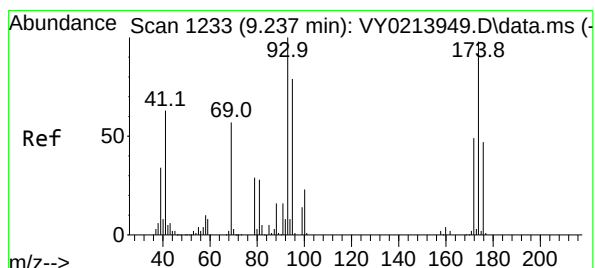
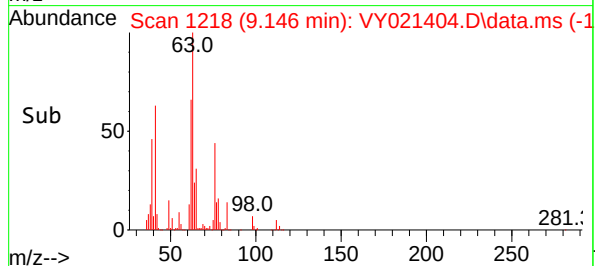
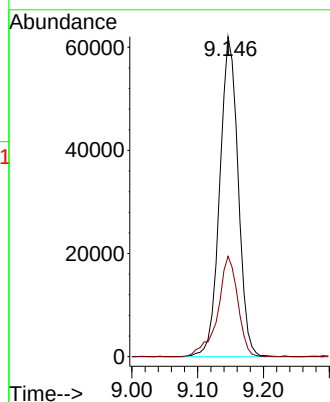
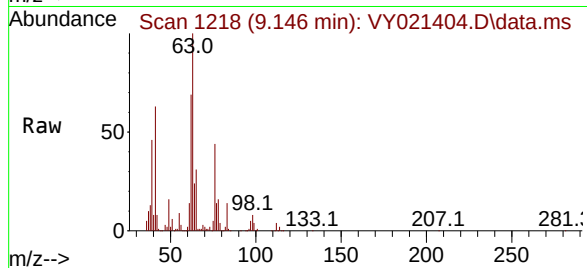
63 100

65 31.4 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#46

Dibromomethane

Concen: 45.413 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

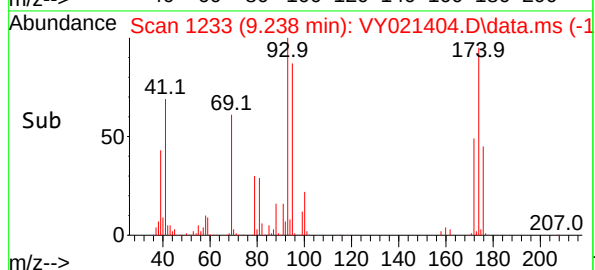
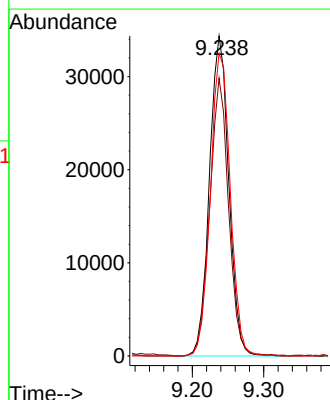
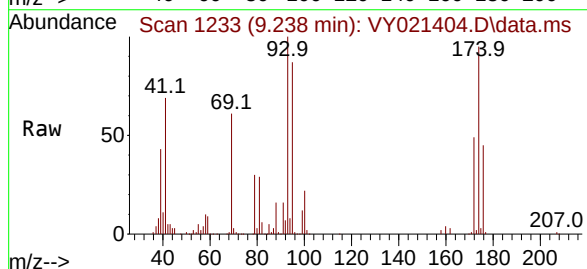
Tgt Ion: 93 Resp: 64447

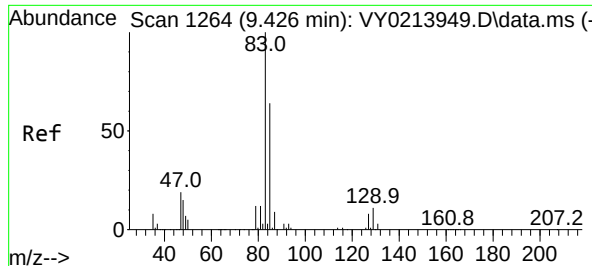
Ion Ratio Lower Upper

93 100

95 85.1 65.8 98.8

174 97.4 77.9 116.9





#47

Bromodichloromethane

Concen: 46.755 ug/l

RT: 9.433 min Scan# 1265

Delta R.T. 0.007 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

ICVY030425

Tgt Ion: 83 Resp: 176210

Ion Ratio Lower Upper

83 100

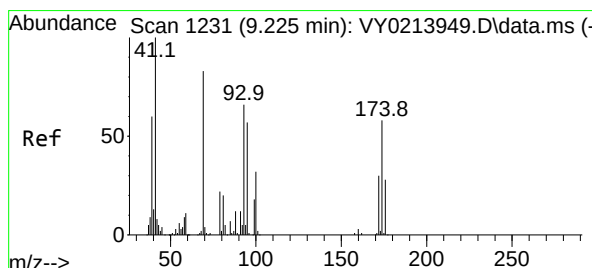
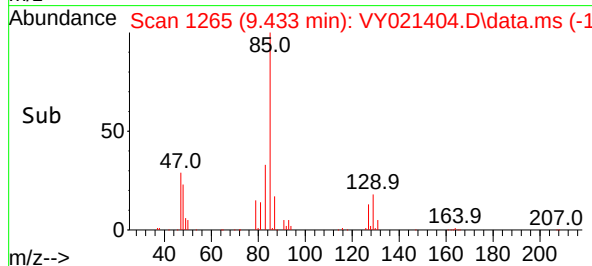
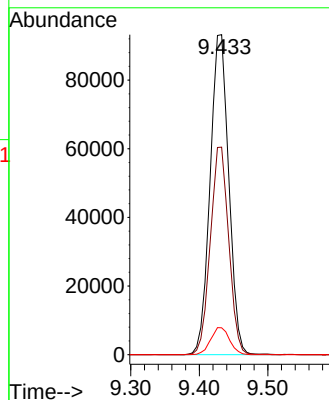
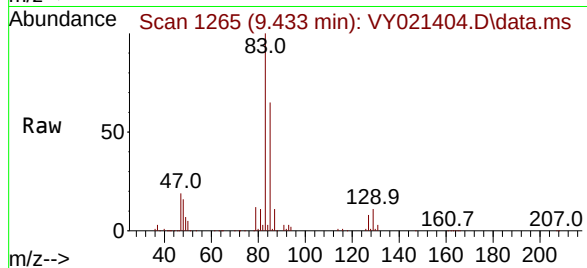
85 64.9 51.1 76.7

127 8.4 6.7 10.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
 Supervised By :Semsettin Yesilyurt 03/06/2025



#48

Methyl methacrylate

Concen: 45.652 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

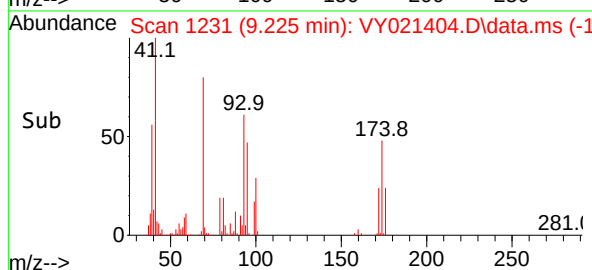
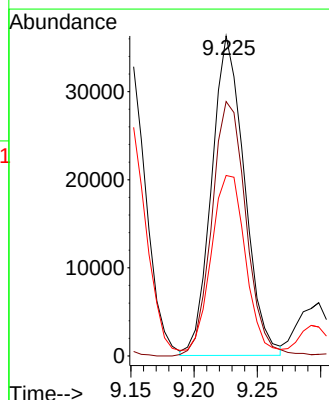
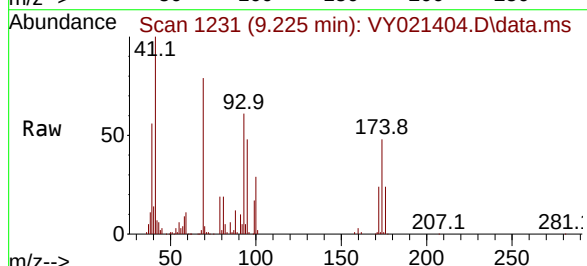
Tgt Ion: 41 Resp: 65433

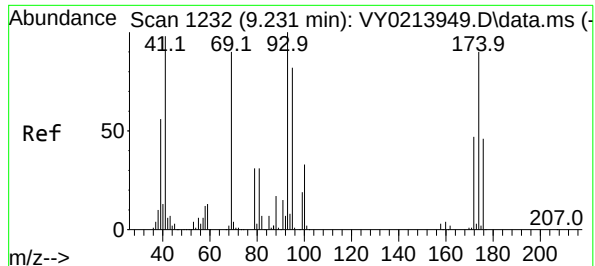
Ion Ratio Lower Upper

41 100

69 83.5 67.8 101.8

39 56.4 46.4 69.6





#49

1,4-Dioxane

Concen: 874.634 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.007 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY030425

Tgt Ion: 88 Resp: 1218

Ion Ratio Lower Upper

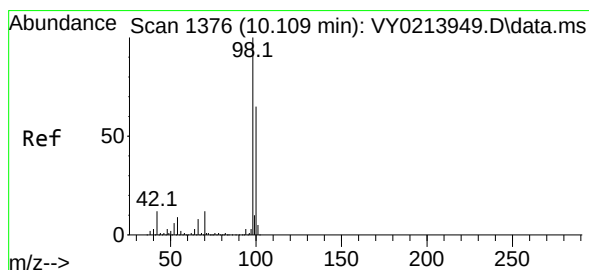
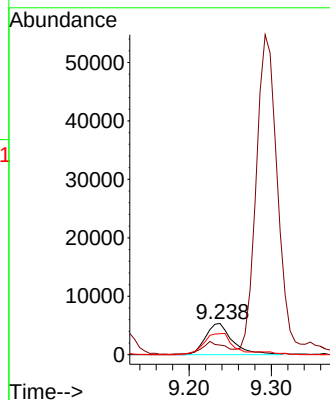
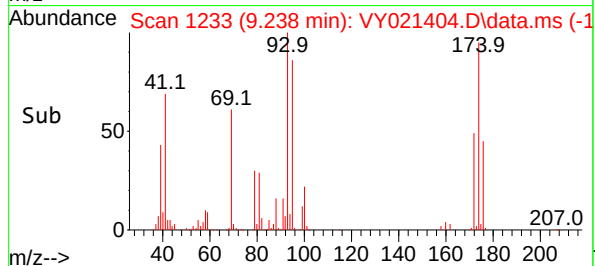
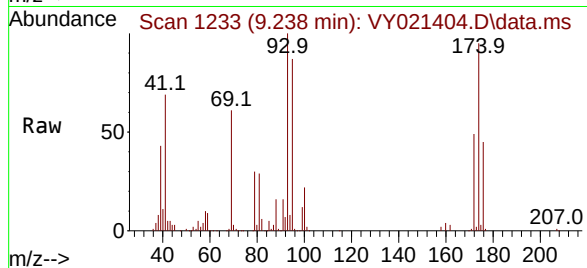
88 100

43 35.4 25.0 37.4

58 72.6 58.4 87.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#50

Toluene-d8

Concen: 53.263 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.007 min

Lab File: VY021404.D

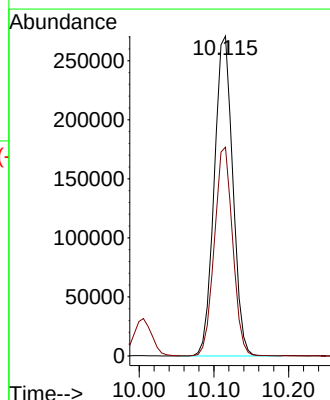
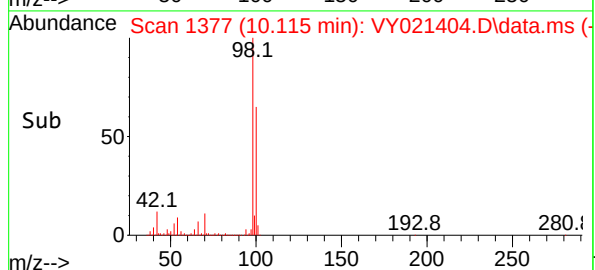
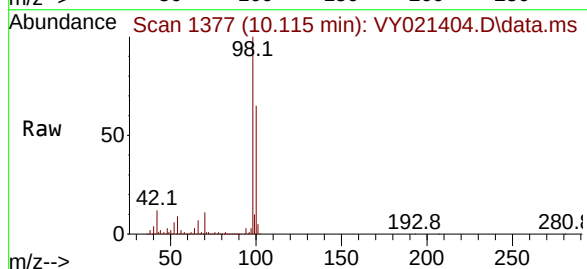
Acq: 04 Mar 2025 13:12

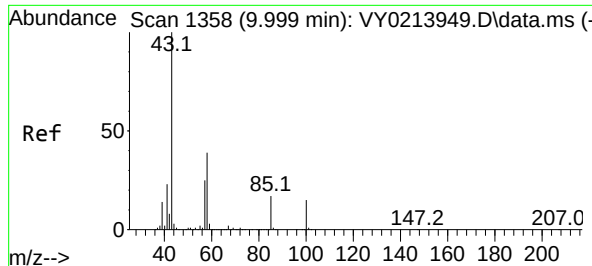
Tgt Ion: 98 Resp: 468697

Ion Ratio Lower Upper

98 100

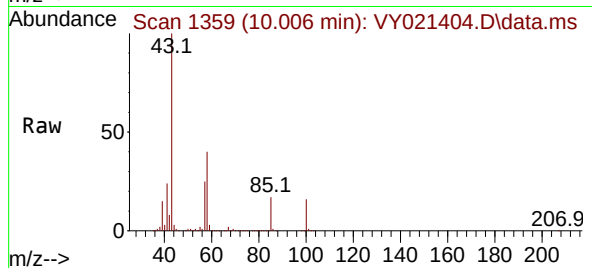
100 64.2 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 216.781 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.007 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

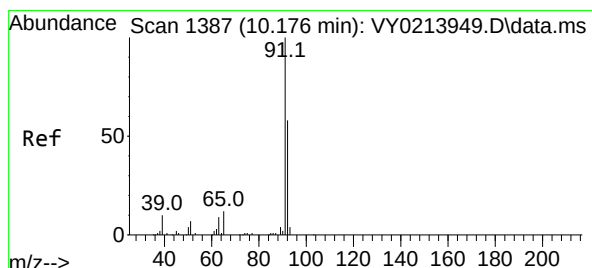
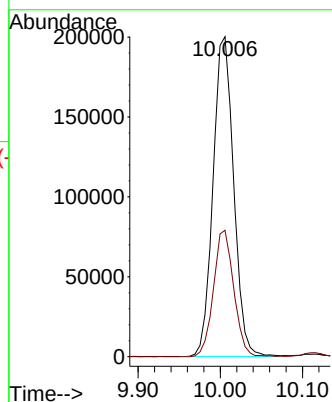
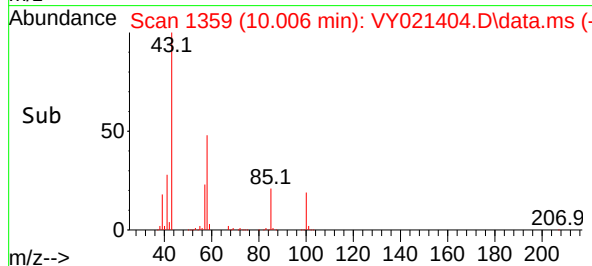
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425



Tgt Ion: 43 Resp: 349128
Ion Ratio Lower Upper
43 100
58 39.0 31.4 47.2

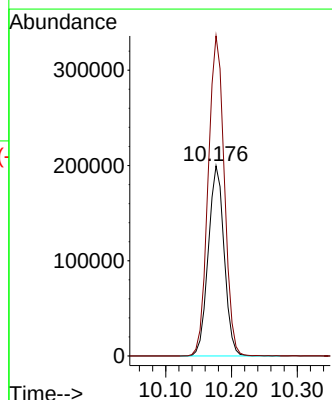
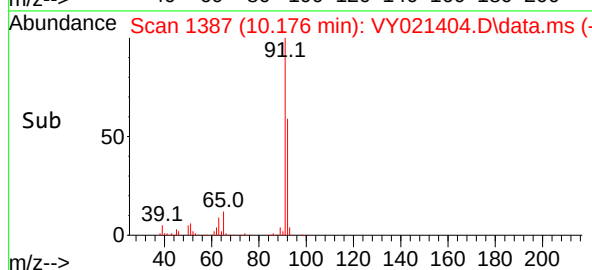
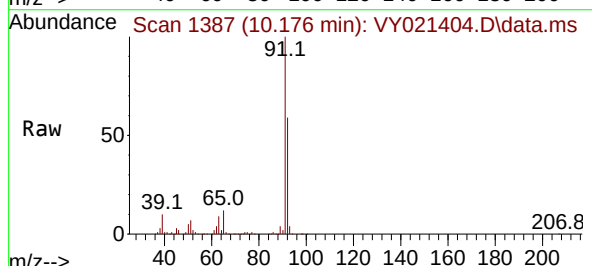
Manual Integrations
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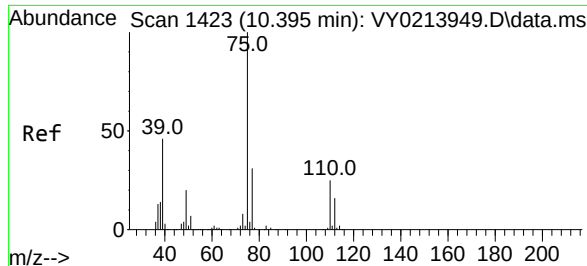
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#52
Toluene
Concen: 49.486 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

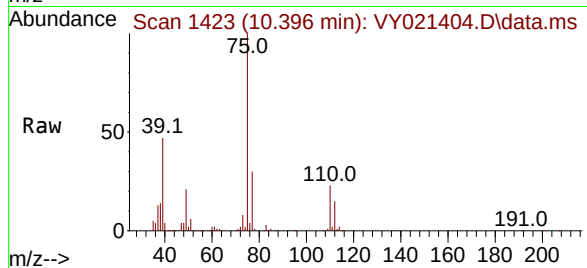
Tgt Ion: 92 Resp: 334342
Ion Ratio Lower Upper
92 100
91 171.6 138.2 207.2





#53
t-1,3-Dichloropropene
Concen: 47.312 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

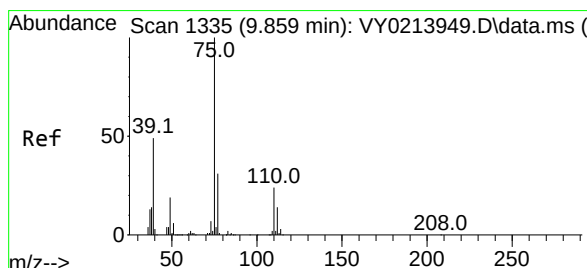
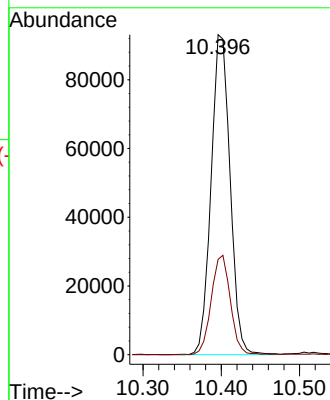
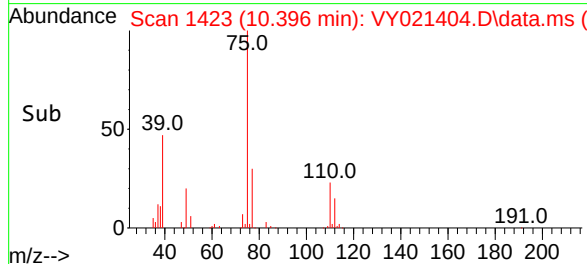
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425



Tgt Ion: 75 Resp: 157093
Ion Ratio Lower Upper
75 100
77 29.7 25.0 37.6

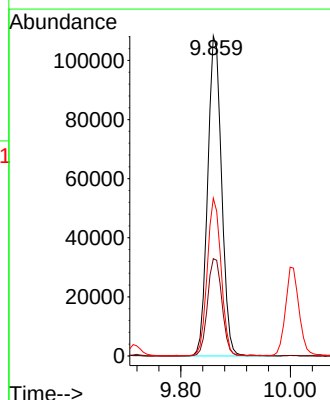
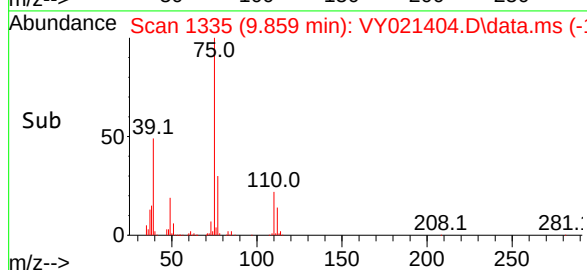
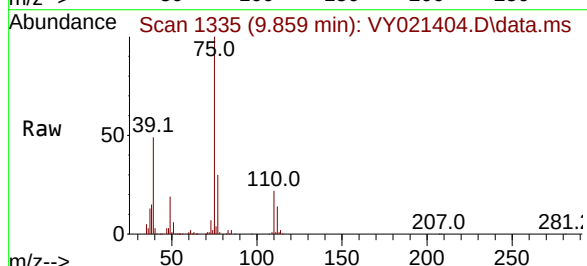
Manual Integrations
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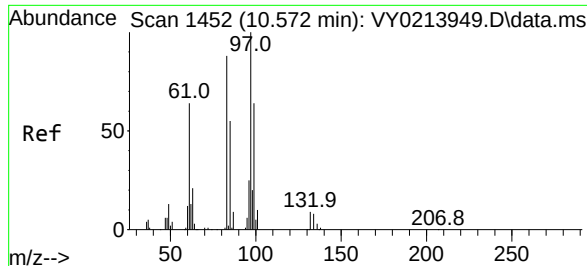
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#54
cis-1,3-Dichloropropene
Concen: 48.236 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

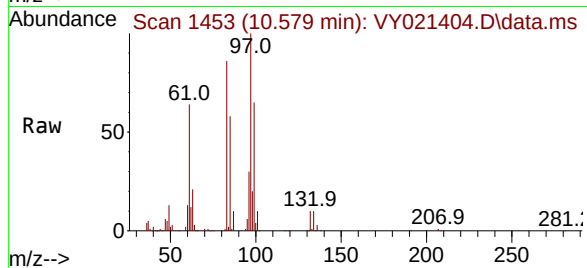
Tgt Ion: 75 Resp: 190151
Ion Ratio Lower Upper
75 100
77 30.4 24.6 37.0
39 49.2 39.4 59.2





#55
1,1,2-Trichloroethane
Concen: 44.786 ug/l
RT: 10.579 min Scan# 1452
Delta R.T. 0.007 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

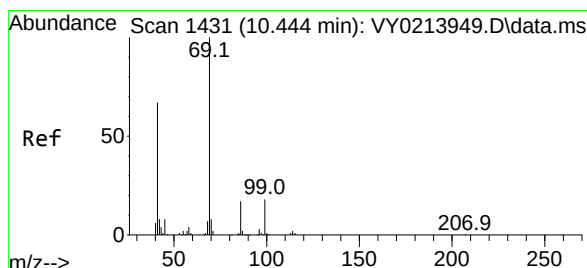
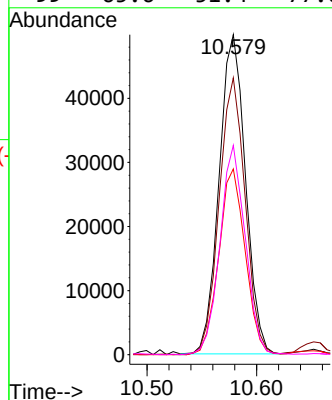
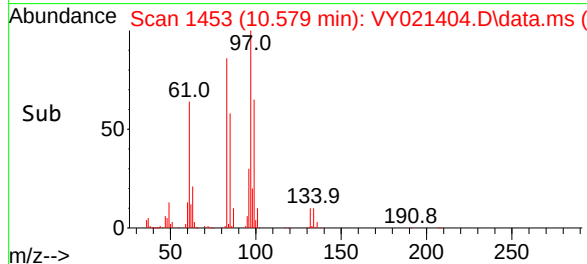
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425



Tgt Ion: 97 Resp: 83139
Ion Ratio Lower Upper
97 100
83 86.7 70.0 105.0
85 58.1 44.3 66.5
99 65.6 51.4 77.0

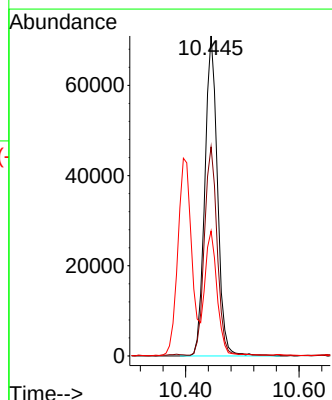
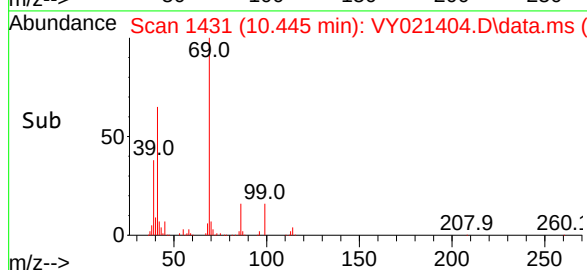
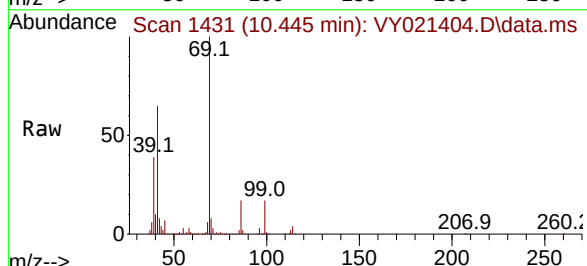
Manual Integrations
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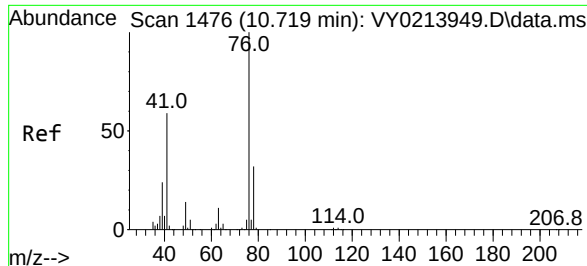
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#56
Ethyl methacrylate
Concen: 46.305 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

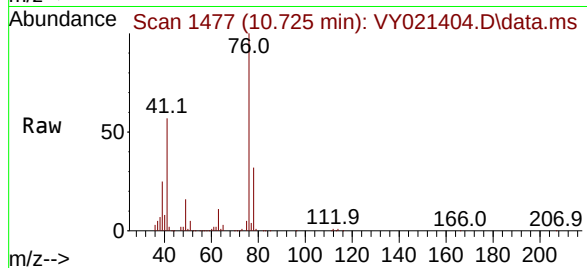
Tgt Ion: 69 Resp: 109629
Ion Ratio Lower Upper
69 100
41 65.5 53.3 79.9
39 36.5 31.0 46.6





#57
1,3-Dichloropropane
Concen: 46.108 ug/l
RT: 10.725 min Scan# 1477
Delta R.T. 0.007 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

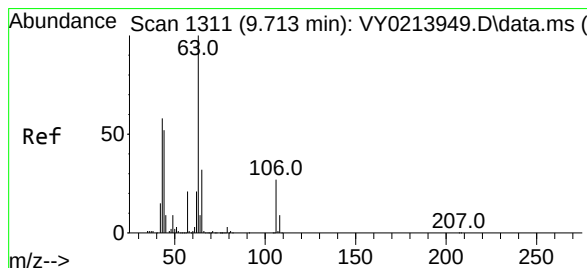
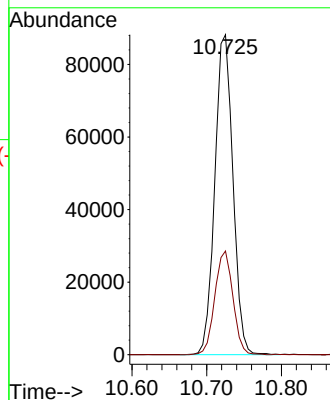
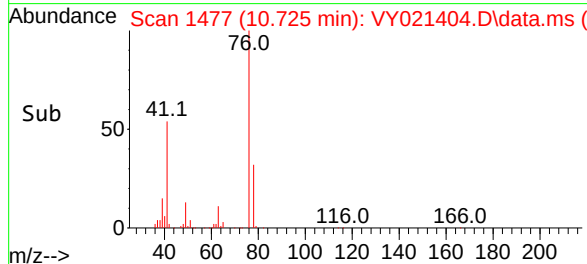
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425



Tgt Ion: 76 Resp: 148349
Ion Ratio Lower Upper
76 100
78 32.4 26.3 39.5

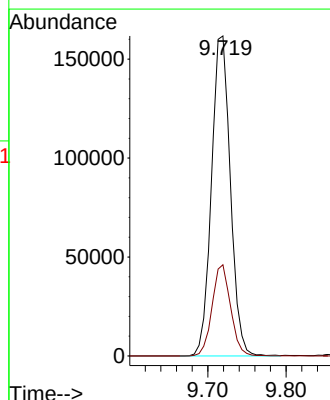
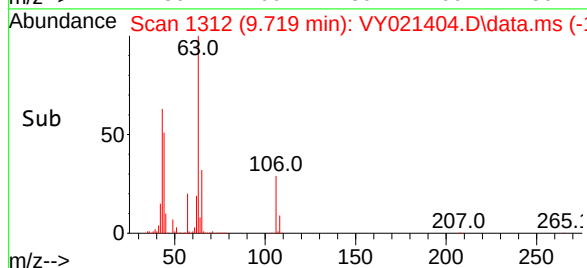
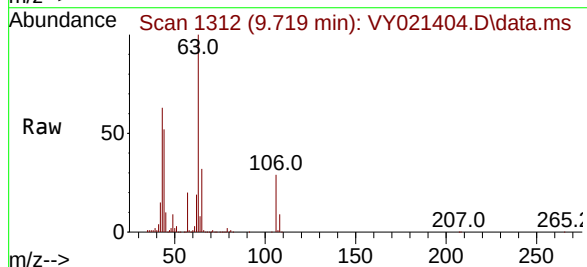
Manual Integrations
APPROVED

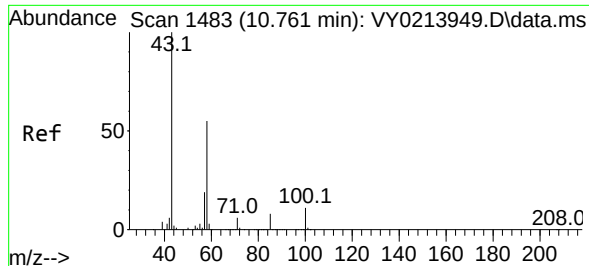
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#58
2-Chloroethyl Vinyl ether
Concen: 247.869 ug/l
RT: 9.719 min Scan# 1312
Delta R.T. 0.007 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

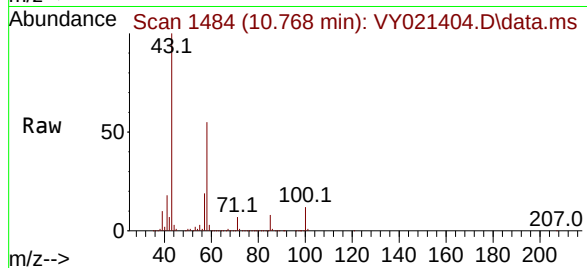
Tgt Ion: 63 Resp: 270898
Ion Ratio Lower Upper
63 100
106 27.9 22.1 33.1





#59
2-Hexanone
Concen: 224.350 ug/l
RT: 10.768 min Scan# 1483
Delta R.T. 0.007 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

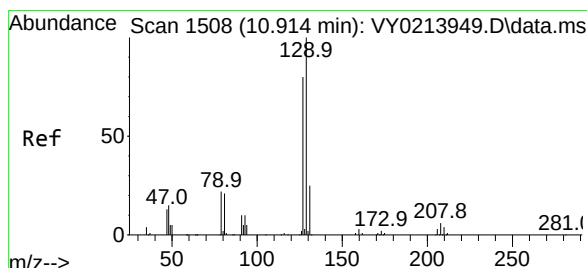
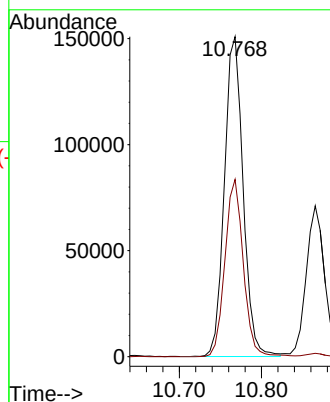
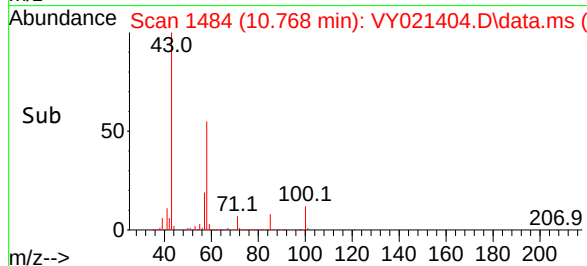
Instrument :
MSVOA_Y
ClientSampleId :
ICVY030425



Tgt Ion: 43 Resp: 23891
Ion Ratio Lower Upper
43 100
58 54.6 27.3 81.8

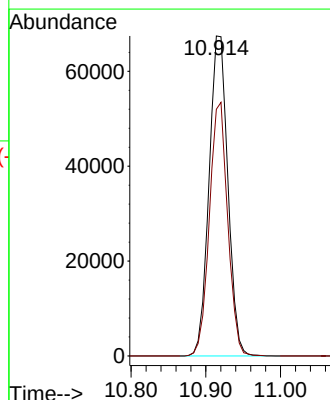
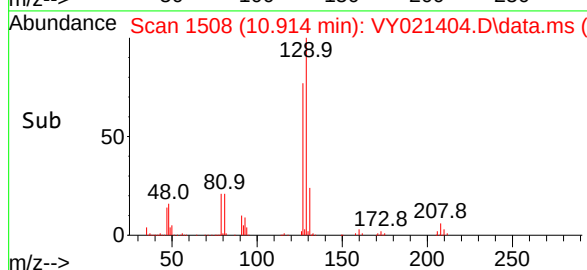
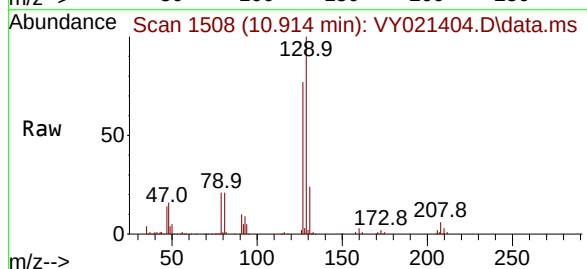
Manual Integrations
APPROVED

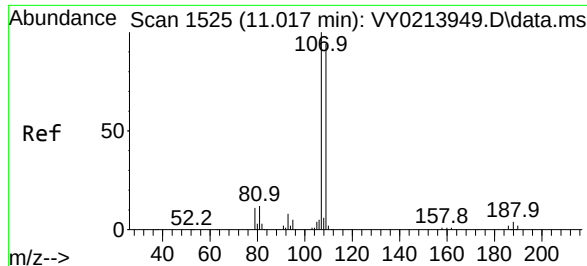
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#60
Dibromochloromethane
Concen: 46.278 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

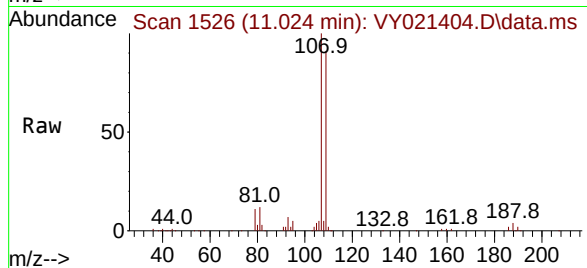
Tgt Ion:129 Resp: 117776
Ion Ratio Lower Upper
129 100
127 77.2 39.1 117.3





#61
1,2-Dibromoethane
Concen: 45.932 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.007 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

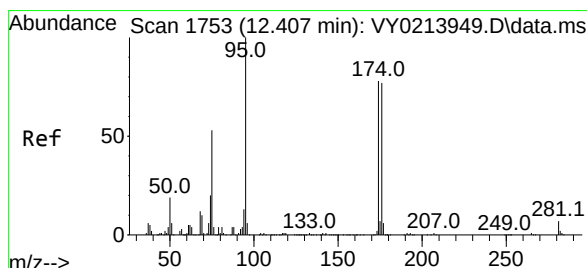
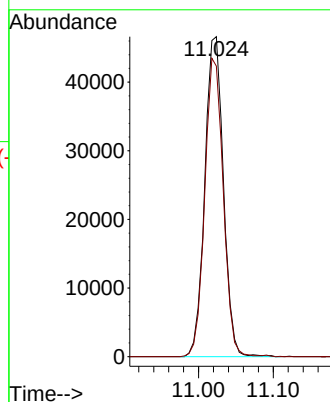
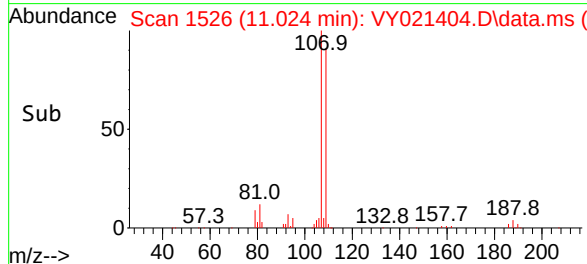
Instrument :
MSVOA_Y
ClientSampleId :
ICVY030425



Tgt Ion: 107 Resp: 8047
Ion Ratio Lower Upper
107 100
109 92.6 75.8 113.8

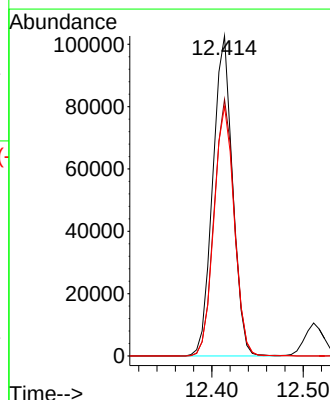
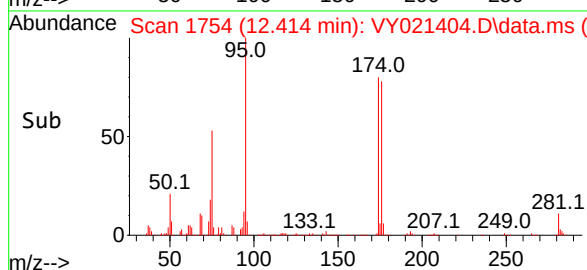
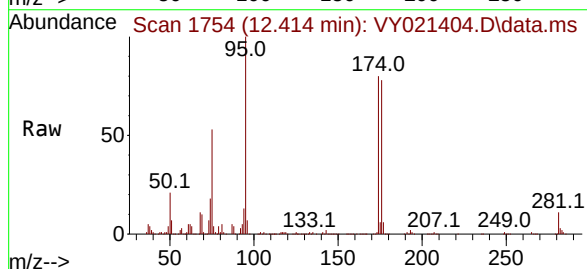
Manual Integrations
APPROVED

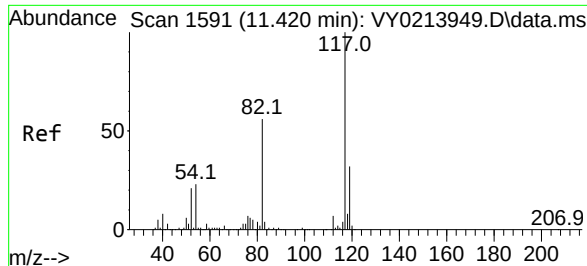
Reviewed By : Mahesh Dadoda 03/06/2025
Supervised By : Semsettin Yesilyurt 03/06/2025



#62
4-Bromofluorobenzene
Concen: 51.560 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.007 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

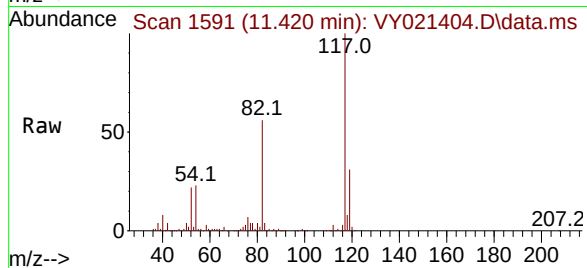
Tgt Ion: 95 Resp: 154333
Ion Ratio Lower Upper
95 100
174 81.9 0.0 165.0
176 80.0 0.0 160.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

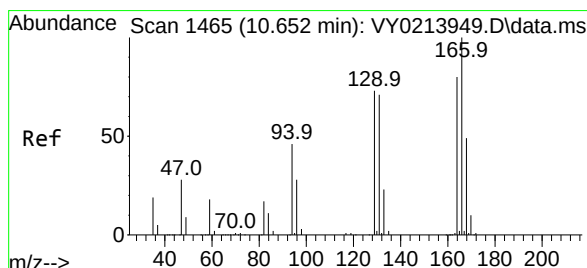
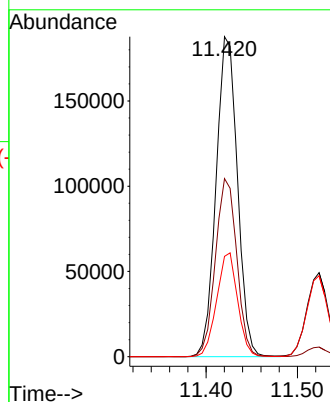
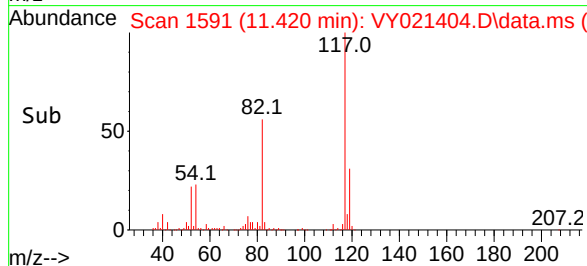
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425



Tgt Ion:117 Resp: 30494
Ion Ratio Lower Upper
117 100
82 55.7 44.6 67.0
119 31.3 25.4 38.0

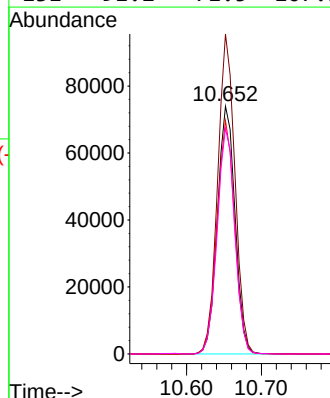
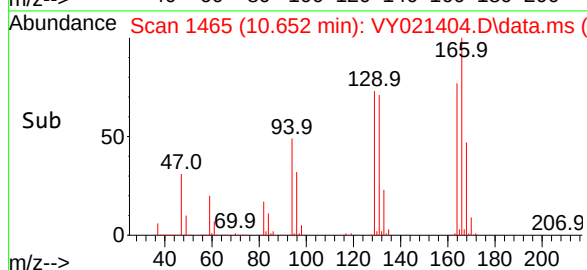
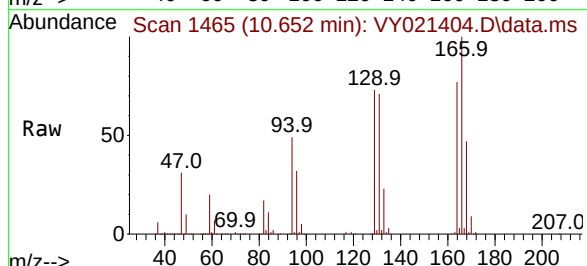
Manual Integrations
APPROVED

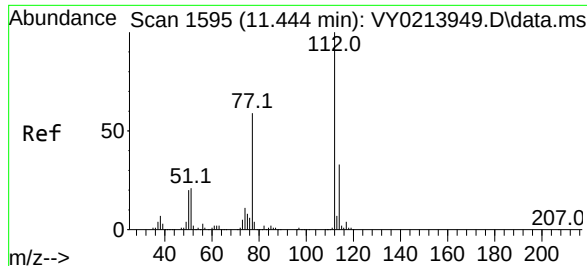
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#64
Tetrachloroethene
Concen: 49.207 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

Tgt Ion:164 Resp: 122018
Ion Ratio Lower Upper
164 100
166 129.2 100.4 150.6
129 94.2 73.8 110.8
131 91.2 71.5 107.3





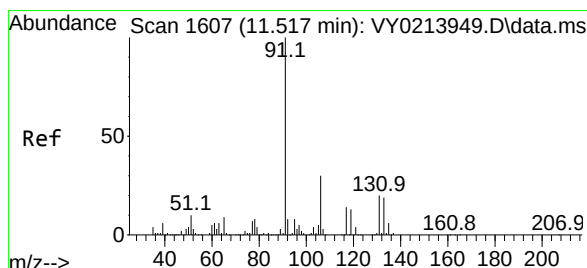
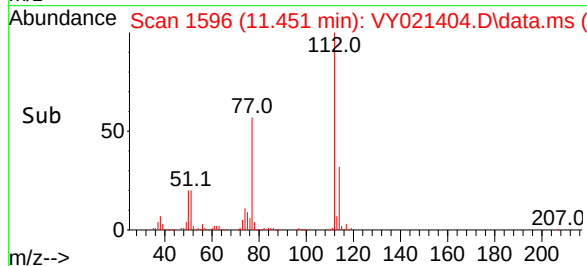
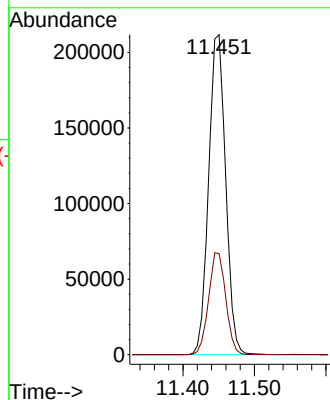
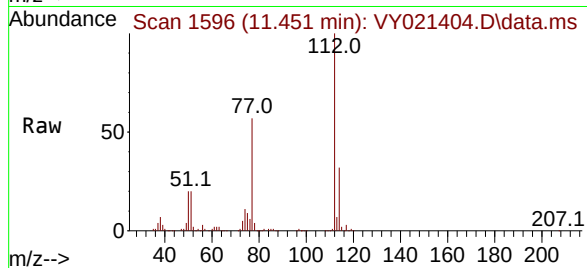
#65
Chlorobenzene
Concen: 48.611 ug/l
RT: 11.451 min Scan# 1596
Delta R.T. 0.007 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425

Tgt Ion:112 Resp: 350050
Ion Ratio Lower Upper
112 100
114 31.6 26.1 39.1

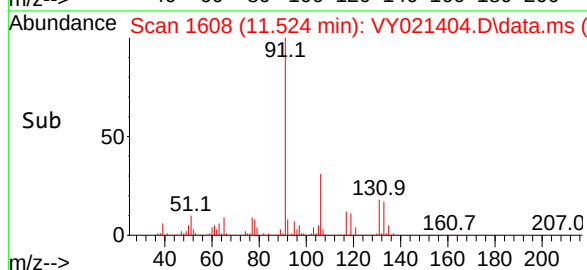
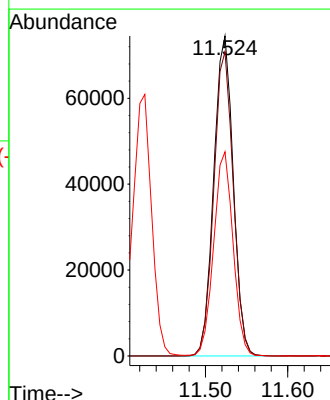
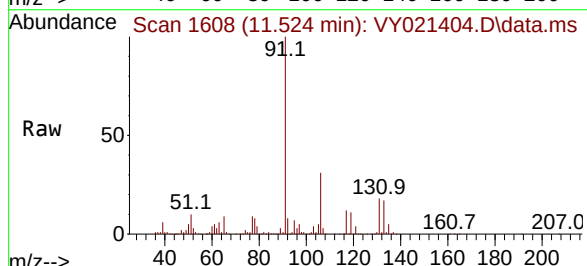
Manual Integrations
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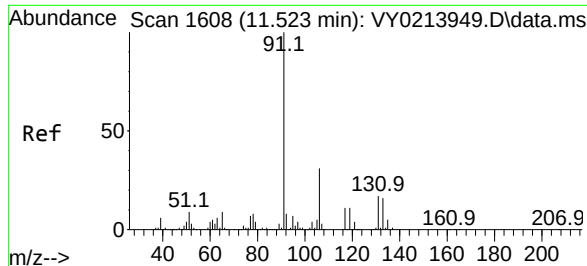
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 48.104 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.007 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

Tgt Ion:131 Resp: 122471
Ion Ratio Lower Upper
131 100
133 95.0 47.6 142.9
119 63.6 32.3 96.9





#67

Ethyl Benzene

Concen: 50.757 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

ICVY030425

Tgt Ion: 91 Resp: 641534

Ion Ratio Lower Upper

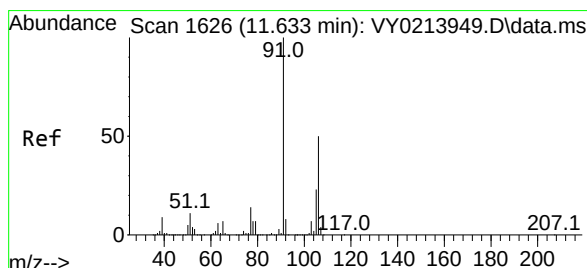
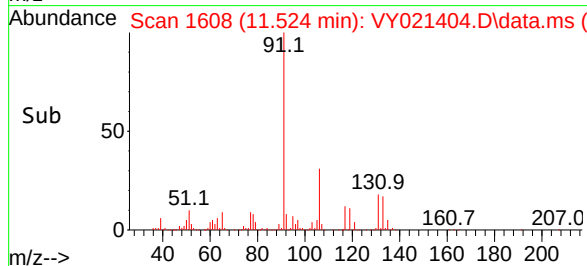
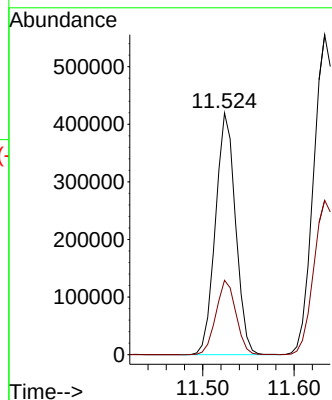
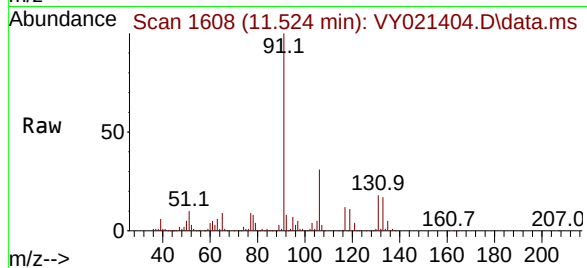
91 100

106 30.8 24.6 36.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#68

m/p-Xylenes

Concen: 100.830 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY021404.D

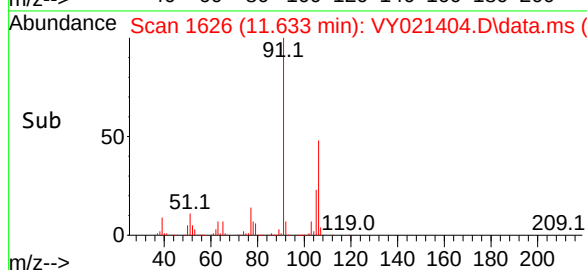
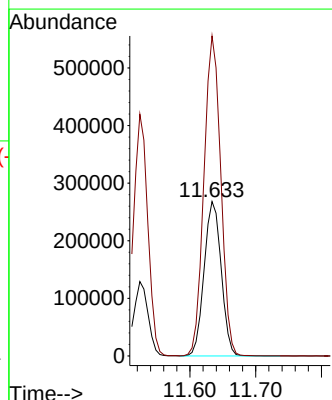
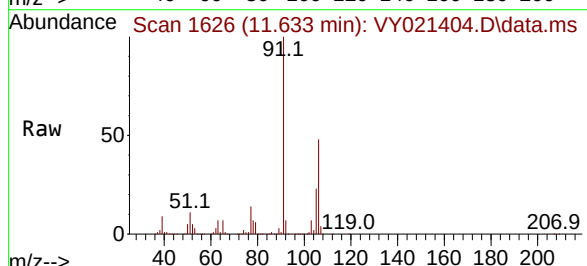
Acq: 04 Mar 2025 13:12

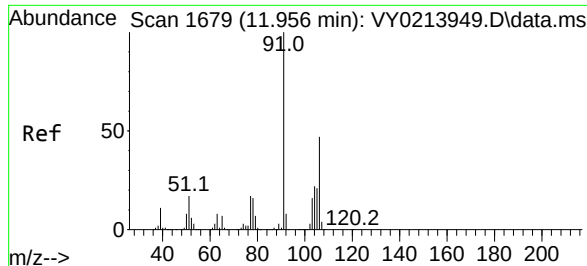
Tgt Ion:106 Resp: 483835

Ion Ratio Lower Upper

106 100

91 204.9 161.7 242.5





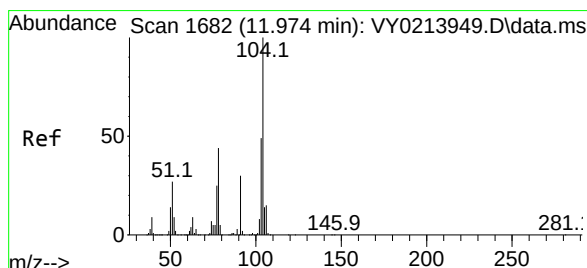
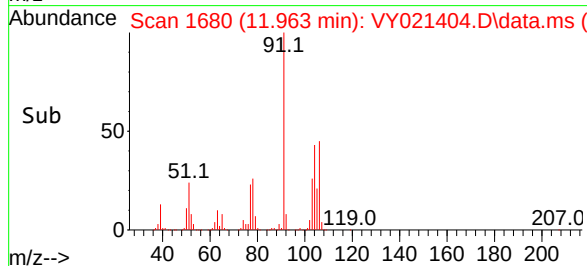
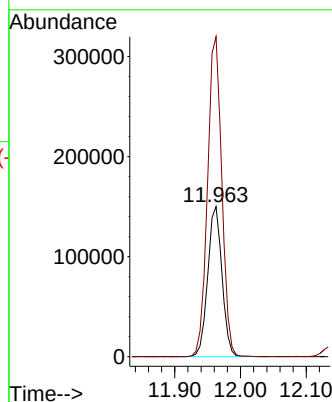
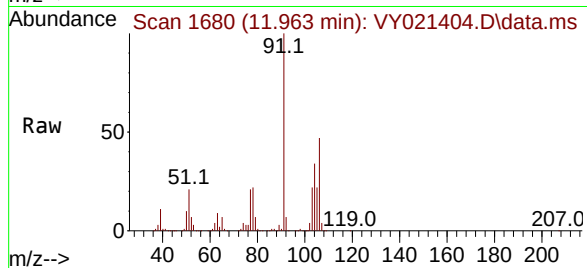
#69
o-Xylene
Concen: 51.096 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. 0.007 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVY030425

Tgt Ion:106 Resp: 225974
Ion Ratio Lower Upper
106 100
91 213.6 107.6 322.8

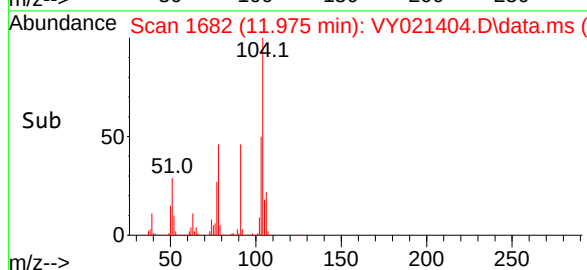
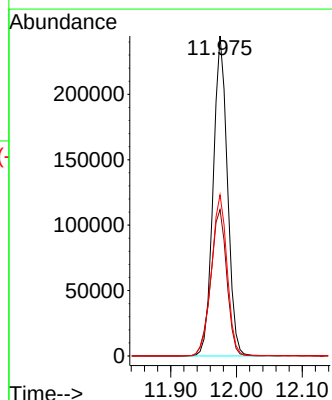
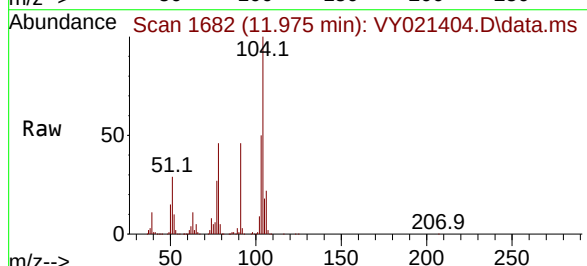
Manual Integrations
APPROVED

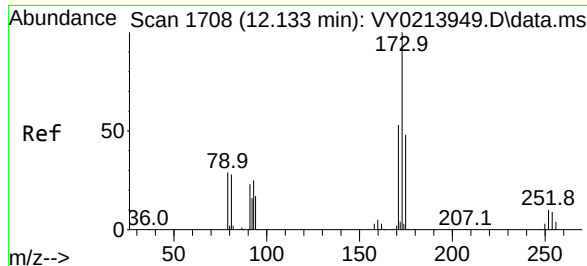
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#70
Styrene
Concen: 50.400 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

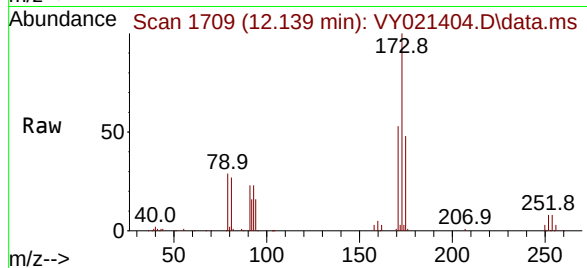
Tgt Ion:104 Resp: 369770
Ion Ratio Lower Upper
104 100
78 51.2 40.7 61.1
103 55.3 44.1 66.1





#71
Bromoform
Concen: 45.886 ug/l
RT: 12.139 min Scan# 1708
Delta R.T. 0.007 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

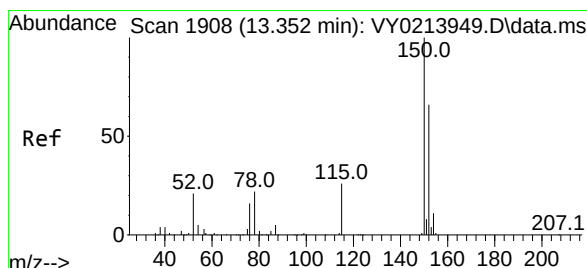
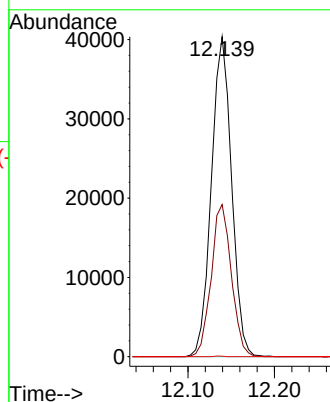
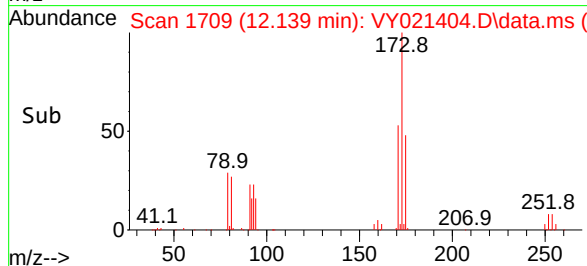
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425



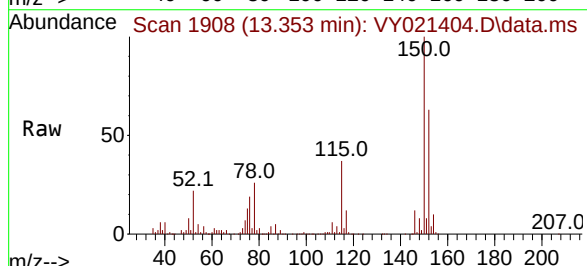
Tgt Ion:173 Resp: 6530
Ion Ratio Lower Upper
173 100
175 47.5 23.9 71.7
254 0.1 0.1 0.1

Manual Integrations
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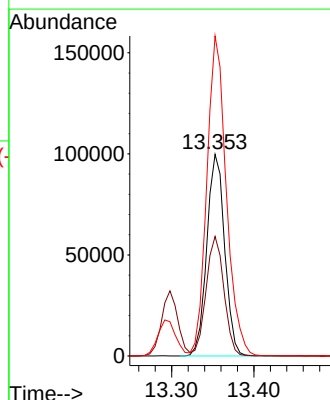
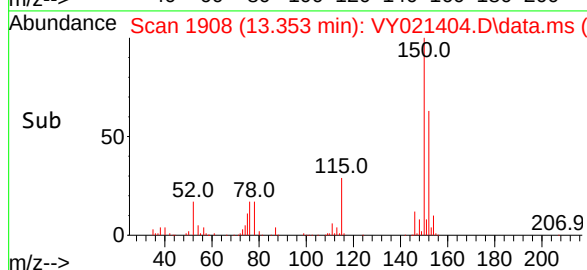
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

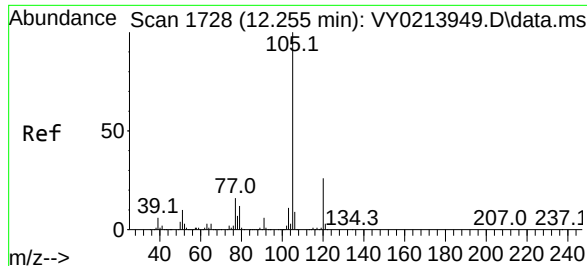


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12



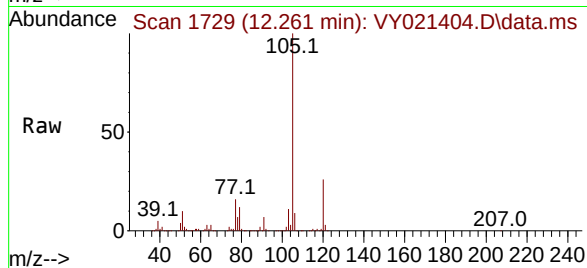
Tgt Ion:152 Resp: 150512
Ion Ratio Lower Upper
152 100
115 59.1 29.0 87.0
150 172.8 0.0 347.2





#73
Isopropylbenzene
Concen: 52.186 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. 0.007 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

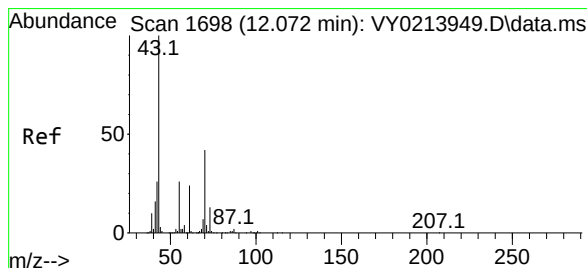
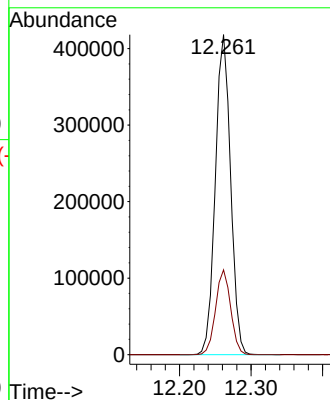
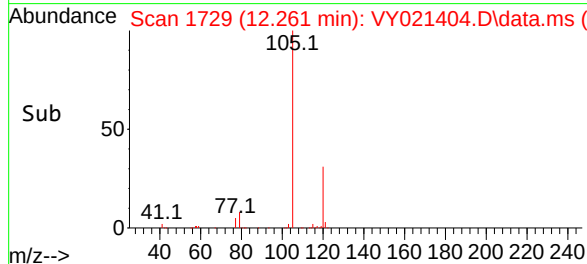
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425



Tgt Ion: 105 Resp: 618720
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3

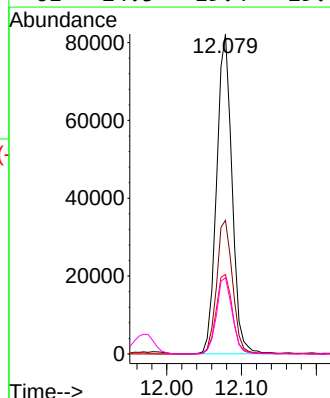
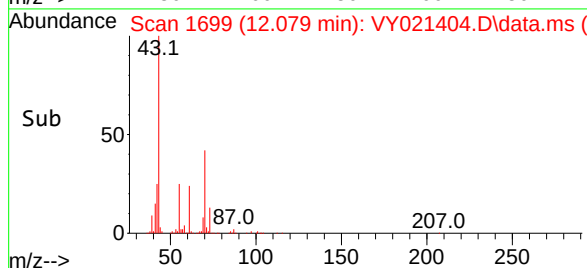
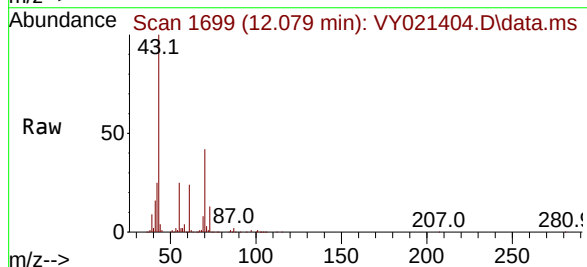
Manual Integrations
APPROVED

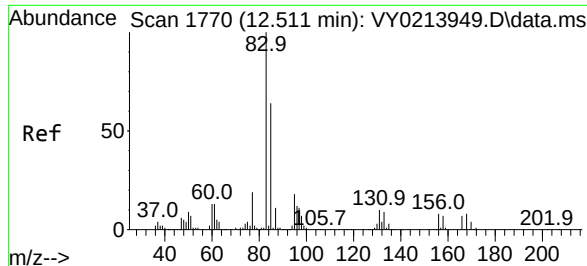
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#74
N-ethyl acetate
Concen: 45.591 ug/l
RT: 12.079 min Scan# 1699
Delta R.T. 0.007 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

Tgt Ion: 43 Resp: 117390
Ion Ratio Lower Upper
43 100
70 43.4 34.6 51.8
55 26.7 21.1 31.7
61 24.5 19.4 29.0





#75

1,1,2,2-Tetrachloroethane

Concen: 44.086 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

ICVY030425

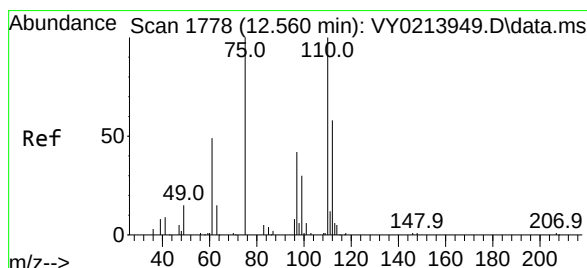
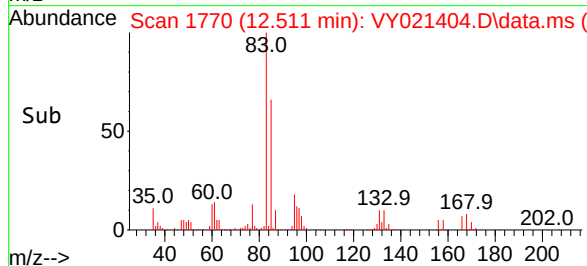
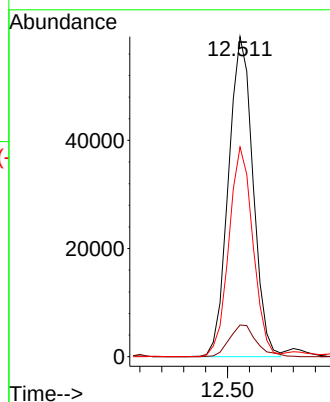
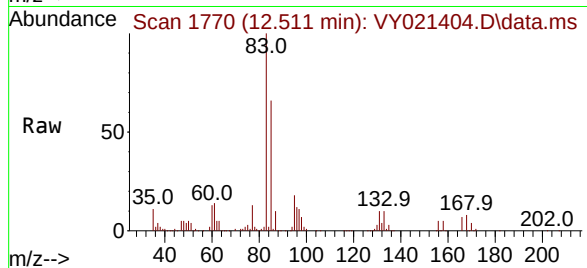
Tgt Ion: 83 Resp: 9223

Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.3	16.1
85	64.3	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#76

1,2,3-Trichloropropane

Concen: 44.986 ug/l m

RT: 12.560 min Scan# 1778

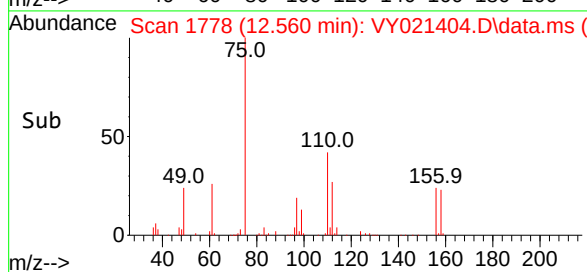
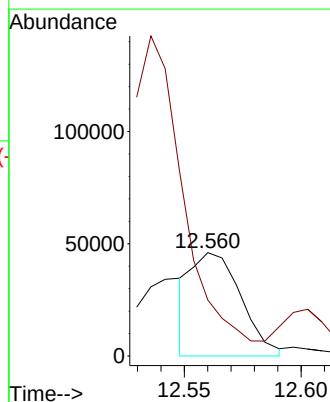
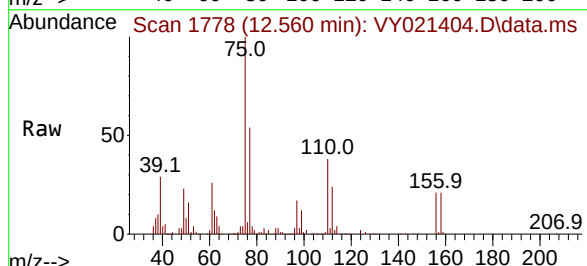
Delta R.T. 0.000 min

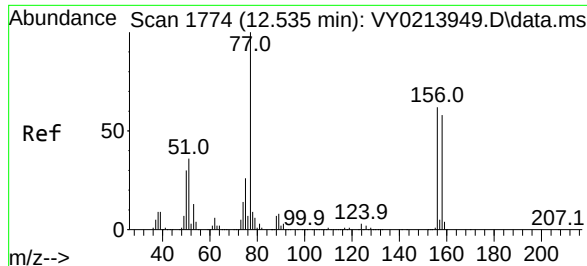
Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Tgt Ion: 75 Resp: 68229

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 48.194 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY021404.D

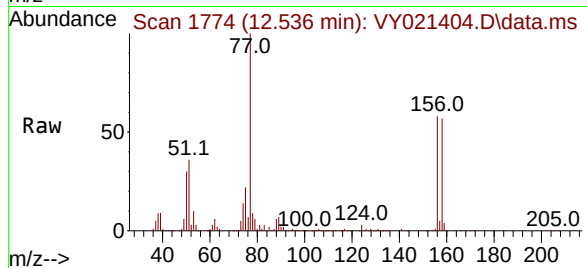
Acq: 04 Mar 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY030425



Tgt Ion:156 Resp: 133678

Ion Ratio Lower Upper

156 100

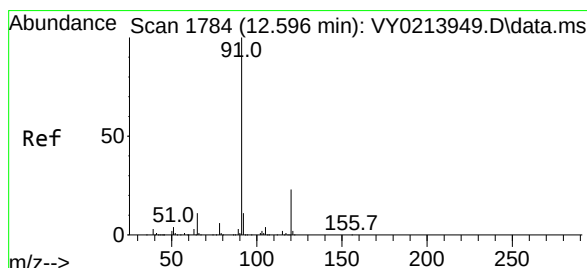
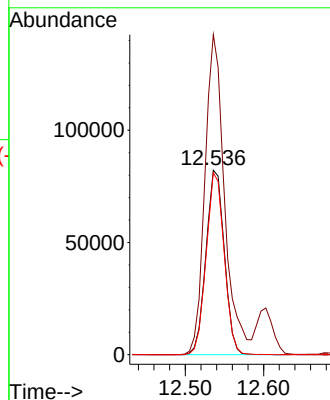
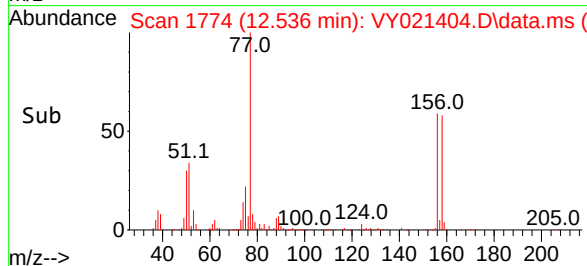
77 186.1 93.6 280.8

158 97.0 48.3 144.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#78

n-propylbenzene

Concen: 52.233 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. 0.007 min

Lab File: VY021404.D

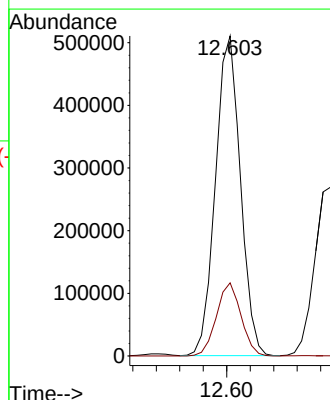
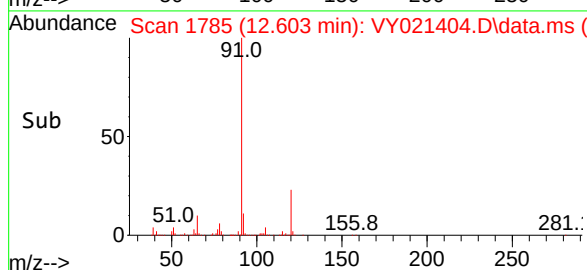
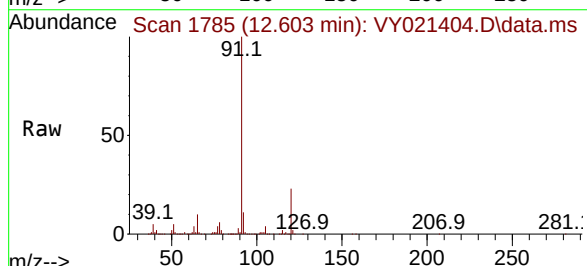
Acq: 04 Mar 2025 13:12

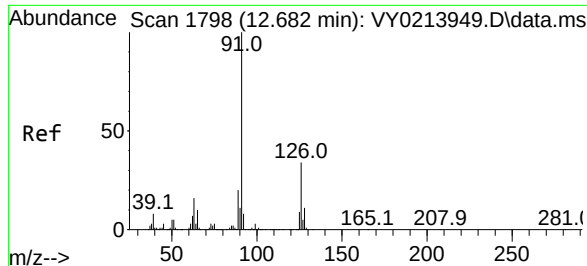
Tgt Ion: 91 Resp: 752110

Ion Ratio Lower Upper

91 100

120 22.5 11.3 33.8





#79

2-Chlorotoluene

Concen: 50.525 ug/l

RT: 12.688 min Scan# 1799

Delta R.T. 0.007 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY030425

Tgt Ion: 91 Resp: 41598

Ion Ratio Lower Upper

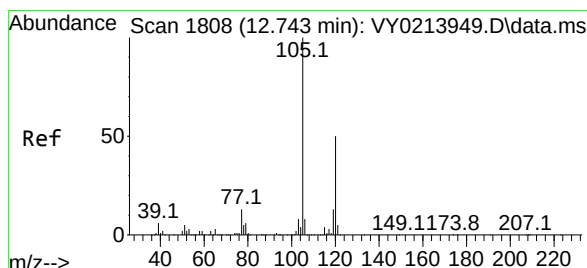
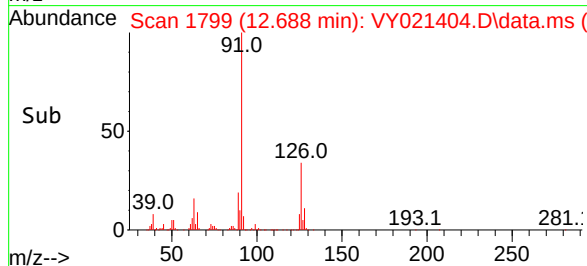
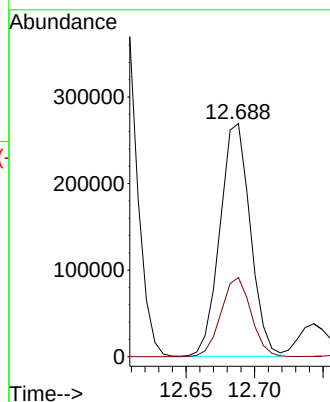
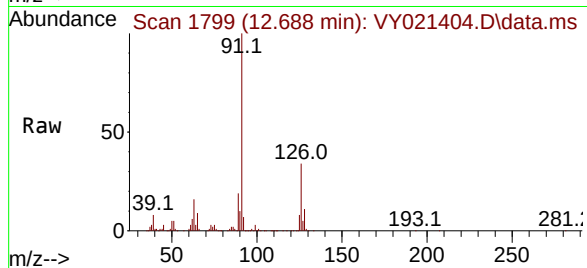
91 100

126 33.5 17.2 51.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#80

1,3,5-Trimethylbenzene

Concen: 52.113 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VY021404.D

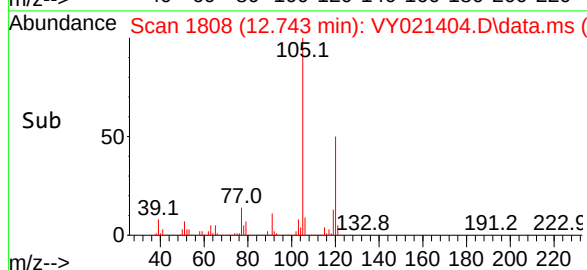
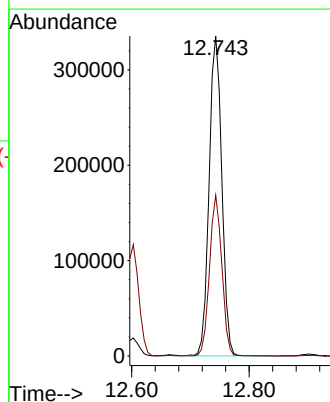
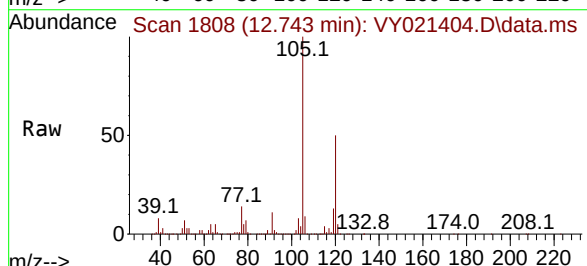
Acq: 04 Mar 2025 13:12

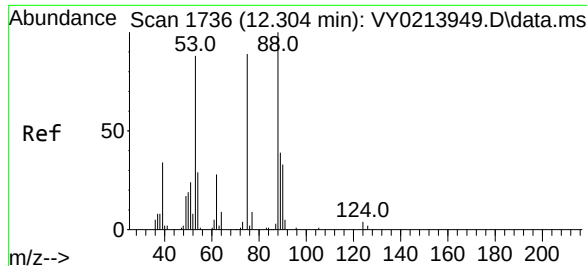
Tgt Ion:105 Resp: 502113

Ion Ratio Lower Upper

105 100

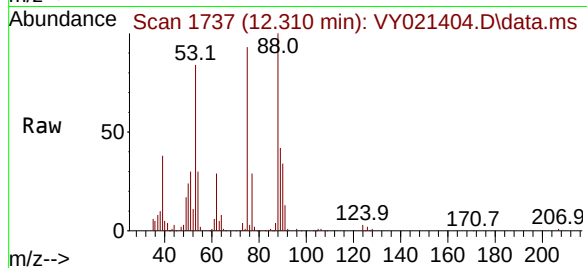
120 48.7 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 45.578 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. 0.007 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

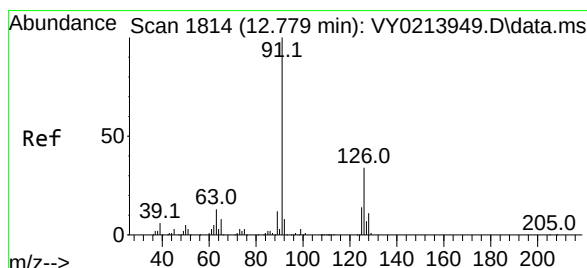
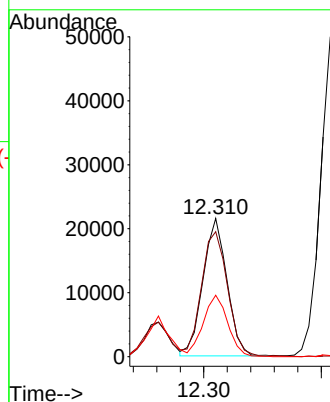
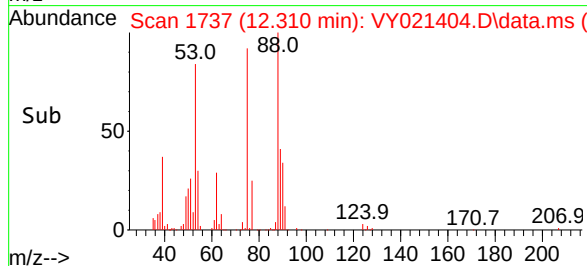
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425



Tgt Ion: 75 Resp: 30408
Ion Ratio Lower Upper
75 100
53 98.4 81.0 121.4
89 45.8 36.9 55.3

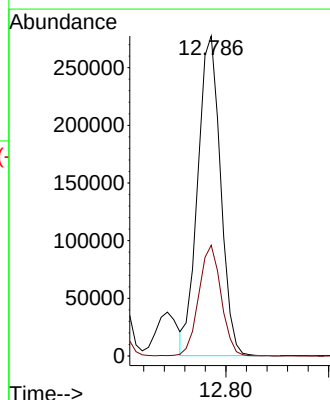
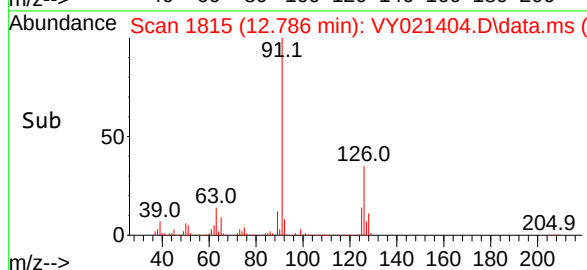
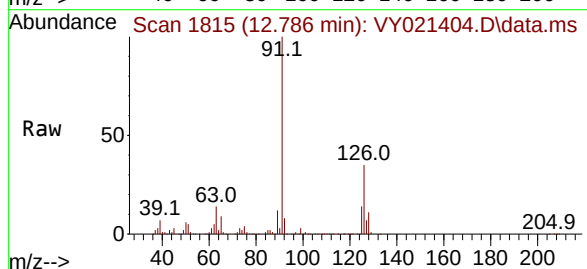
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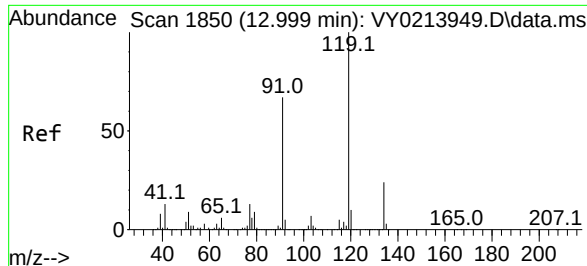
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#82
4-Chlorotoluene
Concen: 50.122 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.007 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

Tgt Ion: 91 Resp: 427326
Ion Ratio Lower Upper
91 100
126 34.0 17.0 51.0





#83

tert-Butylbenzene

Concen: 53.088 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. 0.007 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

ICVY030425

Tgt Ion:119 Resp: 456314

Ion Ratio Lower Upper

119 100

91 64.8 33.2 99.6

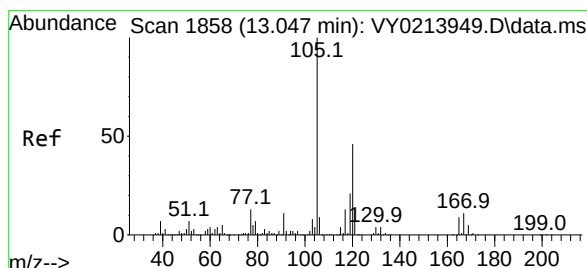
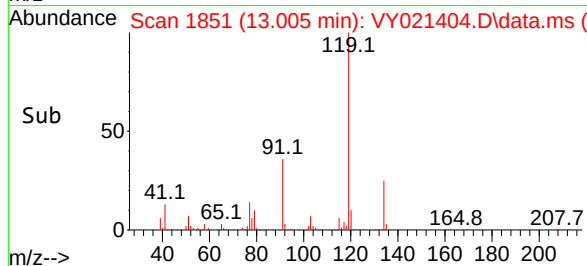
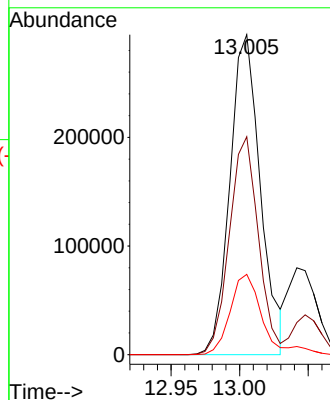
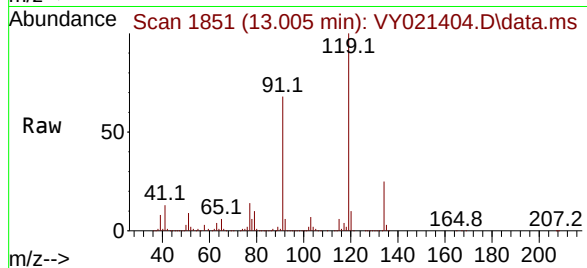
134 26.7 13.5 40.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#84

1,2,4-Trimethylbenzene

Concen: 51.510 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VY021404.D

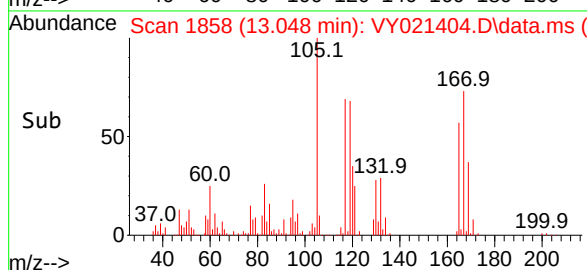
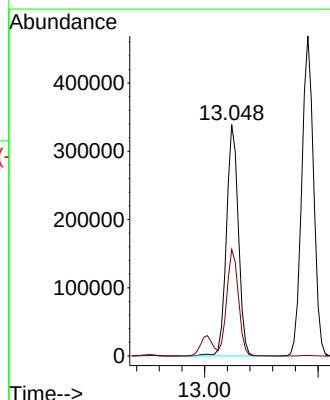
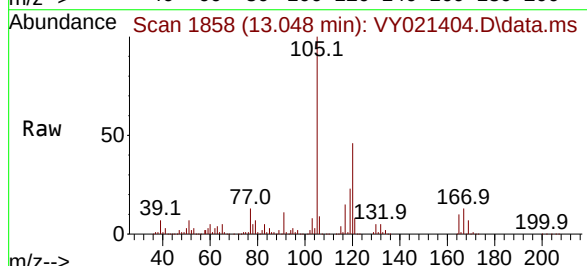
Acq: 04 Mar 2025 13:12

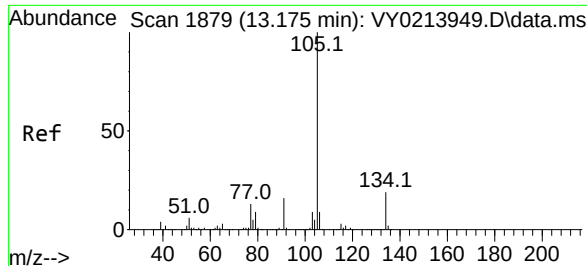
Tgt Ion:105 Resp: 492767

Ion Ratio Lower Upper

105 100

120 45.2 22.7 68.1





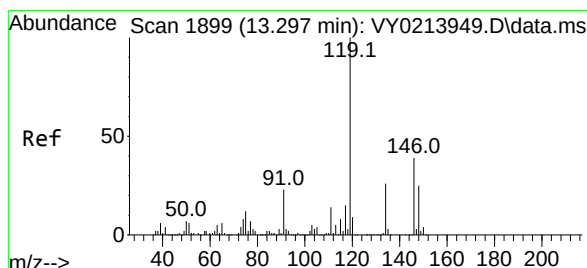
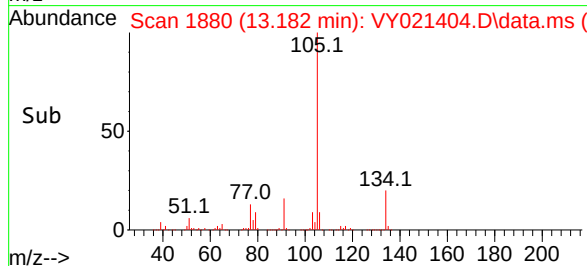
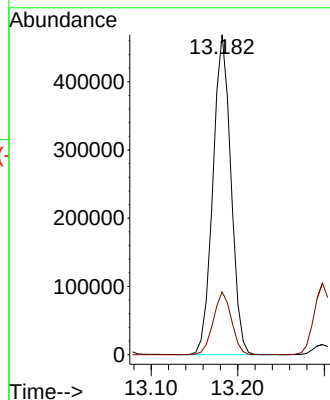
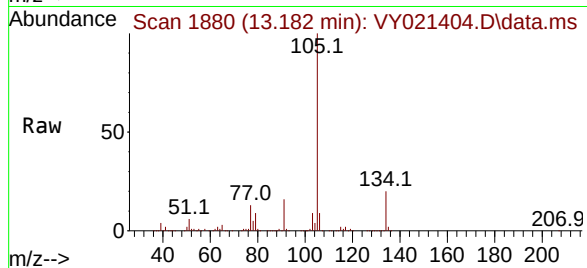
#85
sec-Butylbenzene
Concen: 52.908 ug/l
RT: 13.182 min Scan# 1880
Delta R.T. 0.007 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425

Tgt Ion:105 Resp: 67662
Ion Ratio Lower Upper
105 100
134 19.8 9.9 29.7

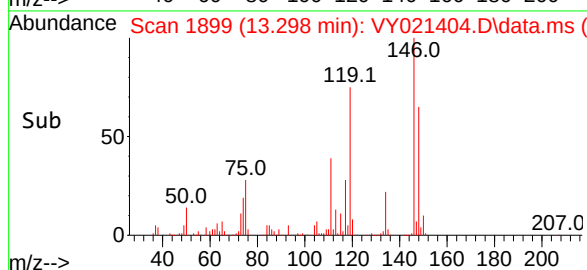
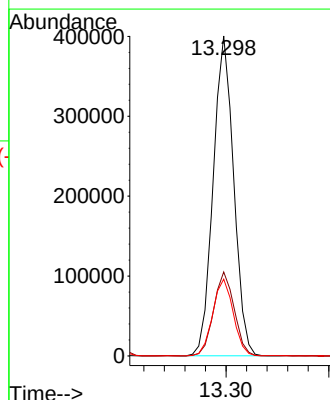
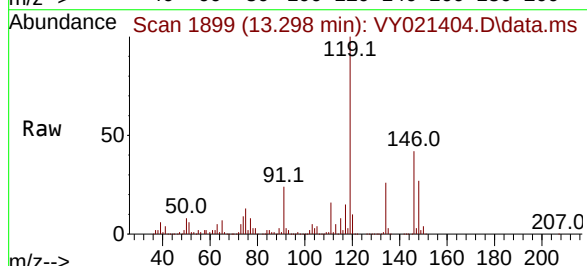
Manual Integrations
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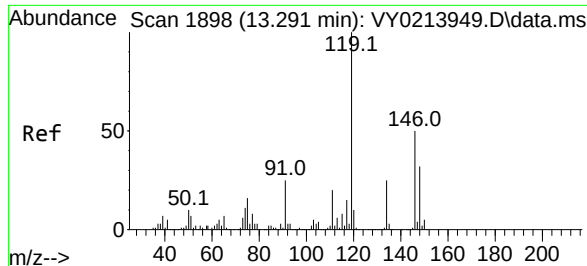
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#86
p-Isopropyltoluene
Concen: 52.556 ug/l
RT: 13.298 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

Tgt Ion:119 Resp: 553730
Ion Ratio Lower Upper
119 100
134 26.5 13.1 39.1
91 24.1 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 48.728 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

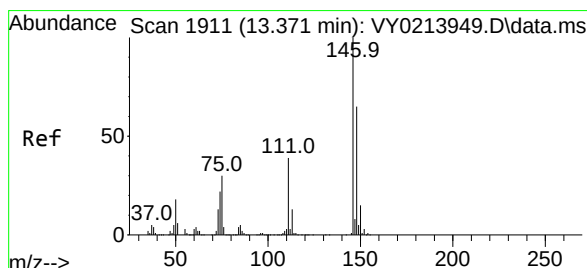
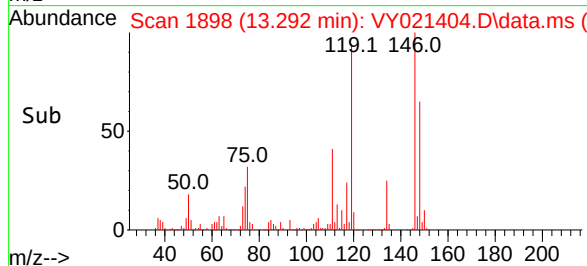
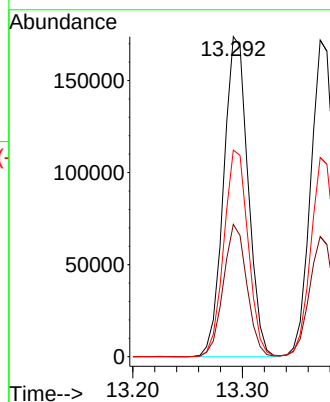
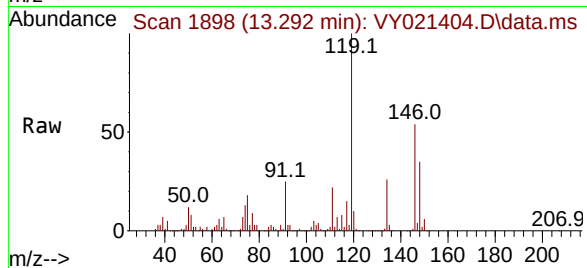
ICVVY030425

Tgt Ion:	146	Resp:	269044
Ion Ratio	Lower	Upper	
146	100		
111	39.8	20.0	60.0
148	64.1	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#88

1,4-Dichlorobenzene

Concen: 48.331 ug/l

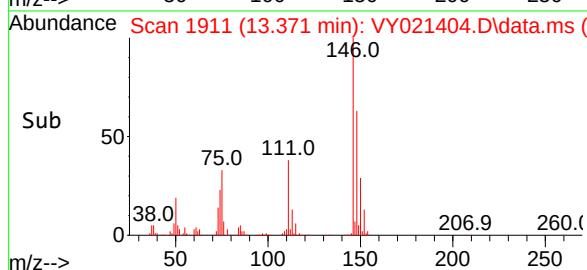
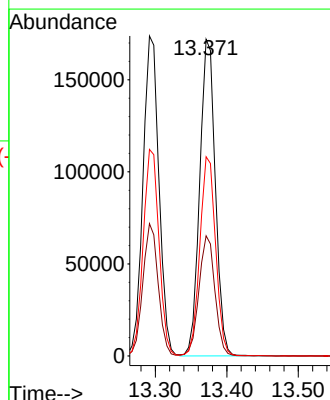
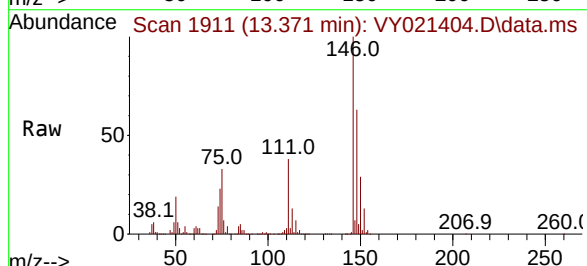
RT: 13.371 min Scan# 1911

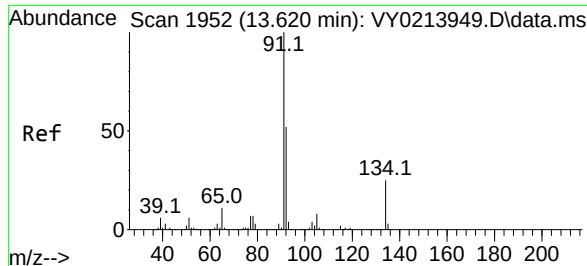
Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Tgt Ion:	146	Resp:	260977
Ion Ratio	Lower	Upper	
146	100		
111	38.8	19.6	58.8
148	63.9	32.3	96.8





#89

n-Butylbenzene

Concen: 53.606 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

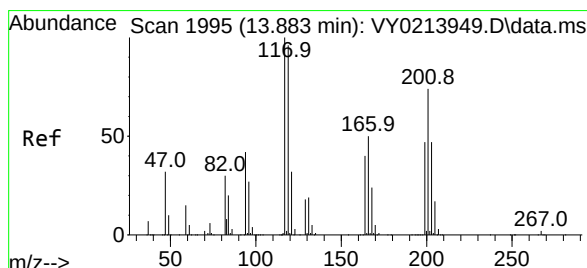
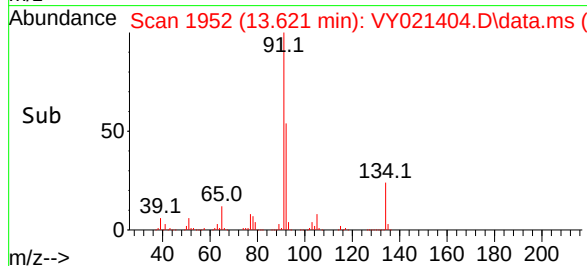
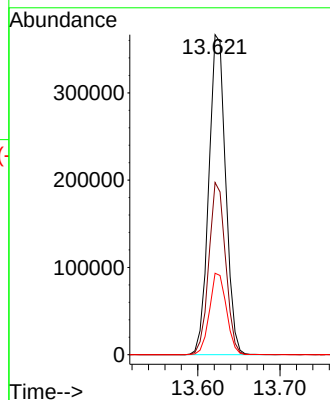
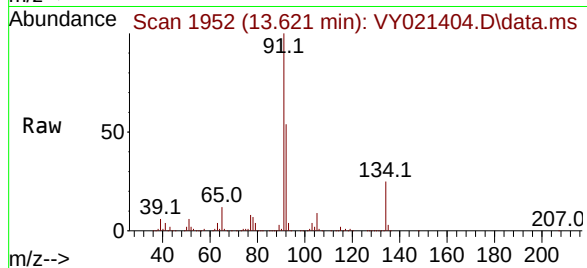
ICVVY030425

Tgt Ion:	91	Resp:	52153
Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.1	78.3
134	25.6	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#90

Hexachloroethane

Concen: 50.084 ug/l

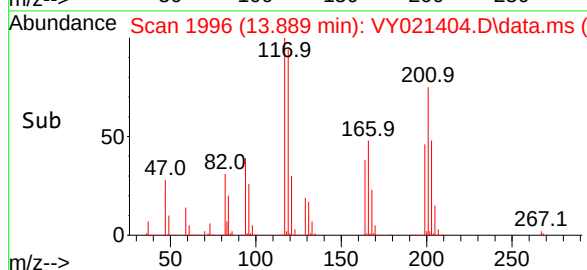
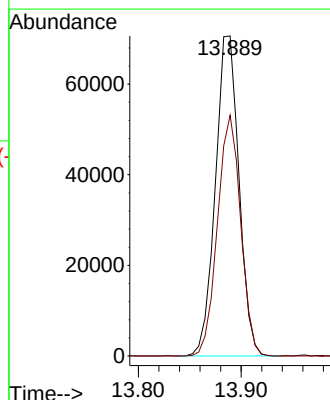
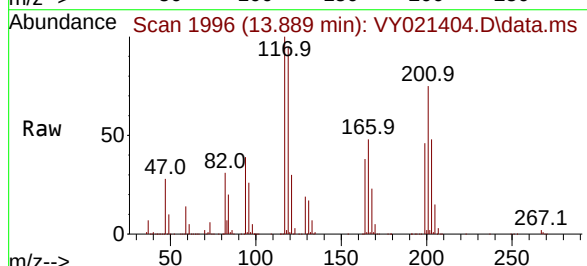
RT: 13.889 min Scan# 1996

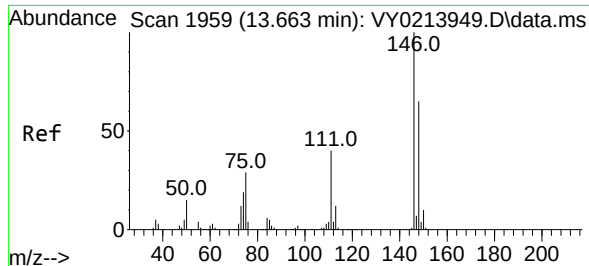
Delta R.T. 0.007 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

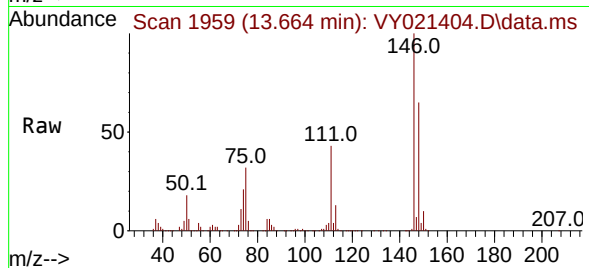
Tgt Ion:	117	Resp:	112571
Ion	Ratio	Lower	Upper
117	100		
201	73.7	37.4	112.2





#91
1,2-Dichlorobenzene
Concen: 47.985 ug/l
RT: 13.664 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

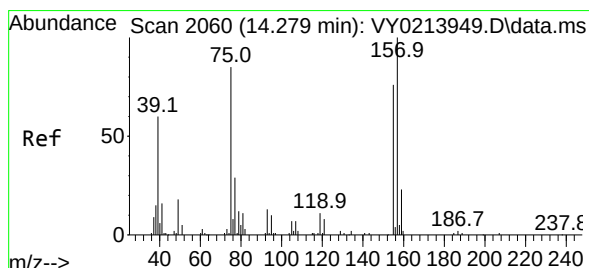
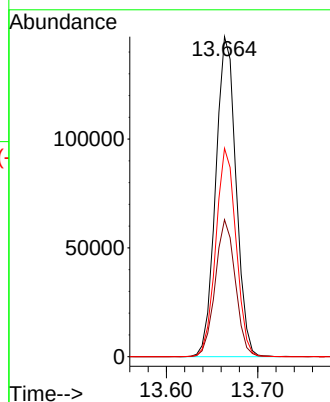
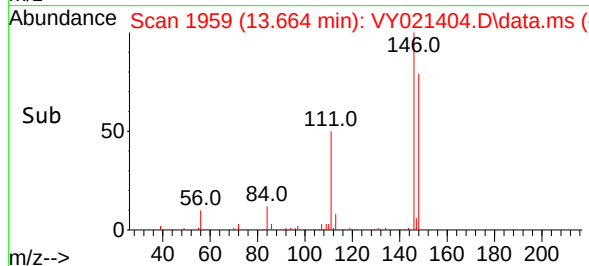
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425



Tgt Ion:146 Resp: 227078
Ion Ratio Lower Upper
146 100
111 42.3 20.7 62.1
148 64.7 32.1 96.5

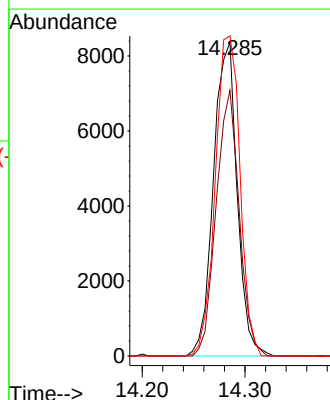
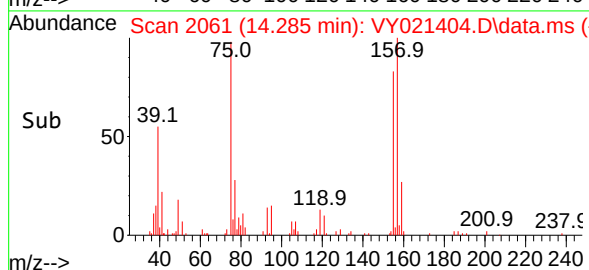
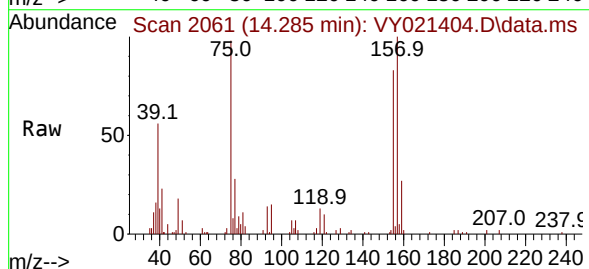
Manual Integrations
APPROVED

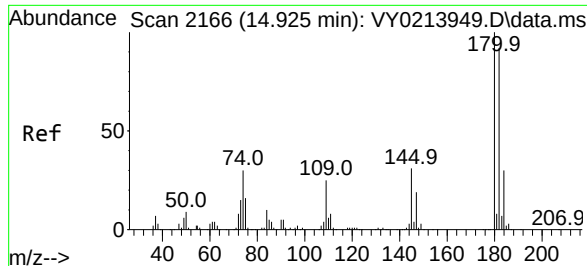
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 42.654 ug/l
RT: 14.285 min Scan# 2061
Delta R.T. 0.007 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

Tgt Ion: 75 Resp: 13368
Ion Ratio Lower Upper
75 100
155 82.4 43.5 130.5
157 106.4 54.4 163.2





#93

1,2,4-Trichlorobenzene

Concen: 49.388 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY021404.D

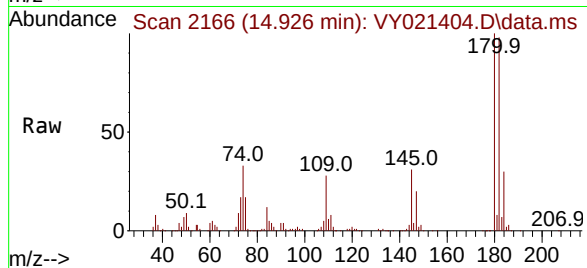
Acq: 04 Mar 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY030425



Tgt Ion:180 Resp: 12765

Ion Ratio Lower Upper

180 100

182 95.5 46.7 140.0

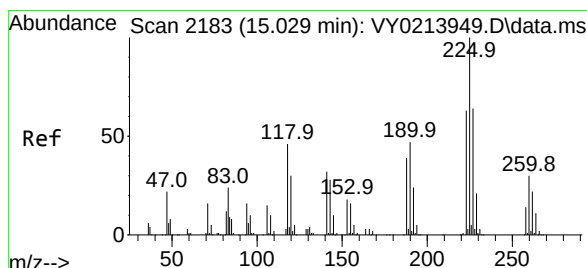
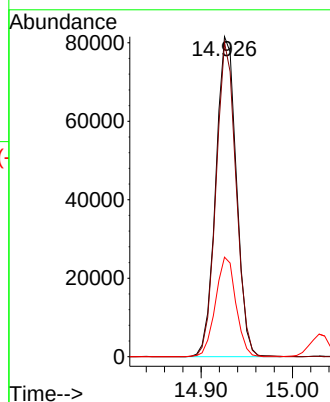
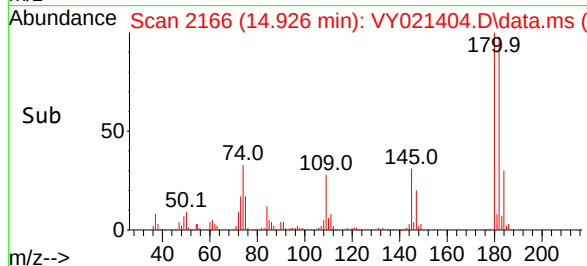
145 30.9 15.6 46.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#94

Hexachlorobutadiene

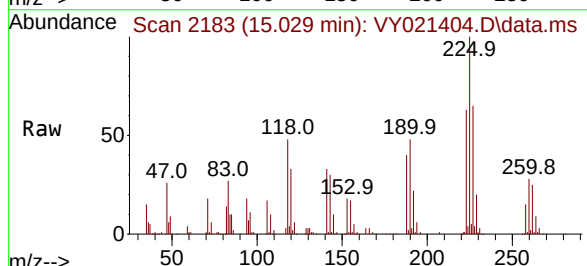
Concen: 52.186 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12



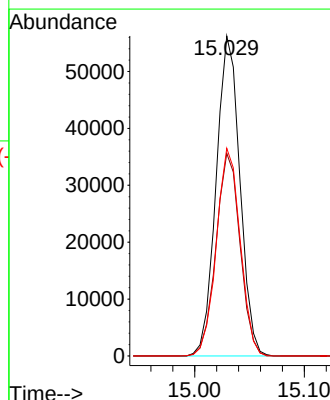
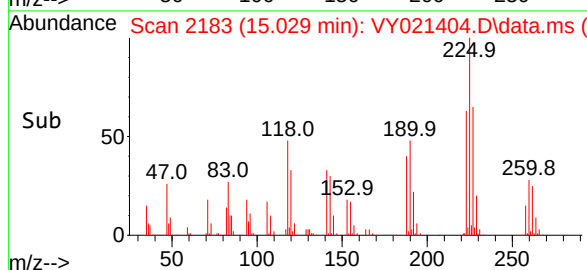
Tgt Ion:225 Resp: 84554

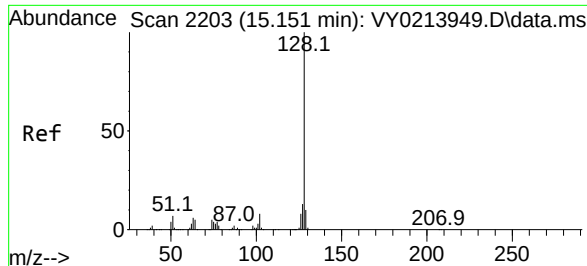
Ion Ratio Lower Upper

225 100

223 64.2 31.4 94.2

227 65.2 31.8 95.4





#95

Naphthalene

Concen: 45.480 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

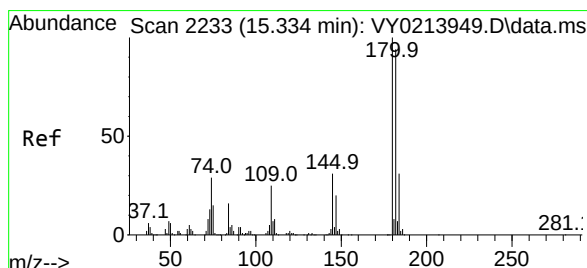
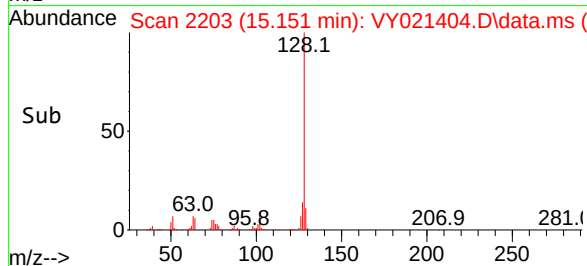
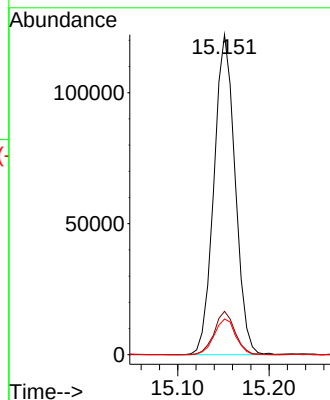
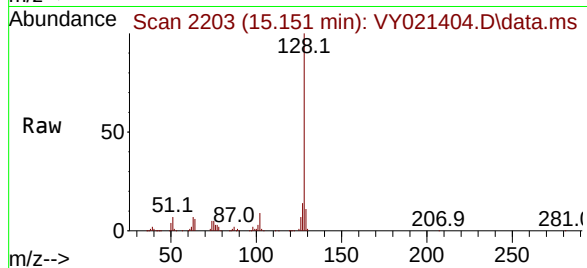
ICVY030425

Tgt Ion:	128	Resp:	19634
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.6	15.8
129	11.3	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#96

1,2,3-Trichlorobenzene

Concen: 48.639 ug/l

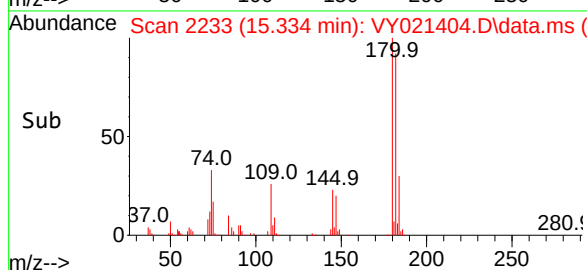
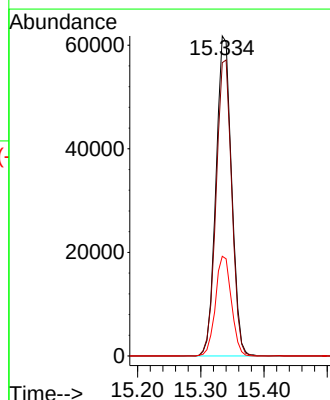
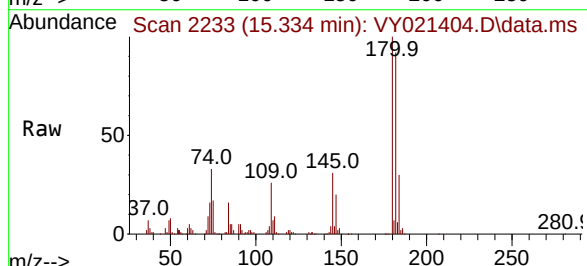
RT: 15.334 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Tgt Ion:	180	Resp:	105737
Ion Ratio	Lower	Upper	
180	100		
182	92.9	47.2	141.6
145	31.8	16.4	49.1



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
 Data File : VY021404.D
 Acq On : 04 Mar 2025 13:12
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY030425

Quant Time: Mar 05 04:18:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 03:21:56 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	97	0.00
2 T	Dichlorodifluoromethane	0.459	0.432	5.9	93	0.00
3 P	Chloromethane	0.647	0.635	1.9	99	0.00
4 C	Vinyl Chloride	0.707	0.710	-0.4#	99	0.00
5 T	Bromomethane	0.511	0.473	7.4	98	0.00
6 T	Chloroethane	0.467	0.457	2.1	96	0.00
7 T	Trichlorofluoromethane	0.987	0.967	2.0	97	0.00
8 T	Diethyl Ether	0.273	0.250	8.4	85	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.563	0.542	3.7	97	0.00
10 T	Methyl Iodide	0.573	0.554	3.3	85	0.00
11 T	Tert butyl alcohol	0.041	0.030	26.8#	75	0.00
12 CM	1,1-Dichloroethene	0.514	0.508	1.2#	97	0.00
13 T	Acrolein	0.027	0.005	81.5#	103	0.00
14 T	Allyl chloride	0.830	0.838	-1.0	96	0.00
15 T	Acrylonitrile	0.116	0.102	12.1	79	0.00
16 T	Acetone	0.115	0.111	3.5	80	0.00
17 T	Carbon Disulfide	1.610	1.625	-0.9	96	0.00
18 T	Methyl Acetate	0.256	0.228	10.9	77	0.00
19 T	Methyl tert-butyl Ether	1.302	1.178	9.5	83	0.00
20 T	Methylene Chloride	0.605	0.531	12.2	93	0.00
21 T	trans-1,2-Dichloroethene	0.575	0.553	3.8	95	0.00
22 T	Diisopropyl ether	1.789	1.729	3.4	90	0.00
23 T	Vinyl Acetate	1.021	0.955	6.5	83	0.00
24 P	1,1-Dichloroethane	1.056	1.019	3.5	94	0.00
25 T	2-Butanone	0.159	0.142	10.7	76	0.00
26 T	2,2-Dichloropropane	0.971	0.944	2.8	97	0.00
27 T	cis-1,2-Dichloroethene	0.653	0.634	2.9	94	0.00
28 T	Bromochloromethane	0.443	0.497	-12.2	103	0.00
29 T	Tetrahydrofuran	0.098	0.084	14.3	74	0.00
30 C	Chloroform	1.096	1.047	4.5#	93	0.00
31 T	Cyclohexane	0.990	0.945	4.5	97	0.00
32 T	1,1,1-Trichloroethane	1.004	0.978	2.6	97	0.00
33 S	1,2-Dichloroethane-d4	0.528	0.527	0.2	106	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
35 S	Dibromofluoromethane	0.329	0.335	-1.8	111	0.00
36 T	1,1-Dichloropropene	0.514	0.503	2.1	95	0.00
37 T	Ethyl Acetate	0.227	0.196	13.7	78	0.00
38 T	Carbon Tetrachloride	0.592	0.577	2.5	97	0.00
39 T	Methylcyclohexane	0.631	0.653	-3.5	98	0.00
40 TM	Benzene	1.515	1.471	2.9	94	0.00
41 T	Methacrylonitrile	0.124	0.129	-4.0	96	0.03
42 TM	1,2-Dichloroethane	0.424	0.385	9.2	87	0.00
43 T	Isopropyl Acetate	0.441	0.380	13.8	77	0.00
44 TM	Trichloroethene	0.383	0.370	3.4	95	0.00
45 C	1,2-Dichloropropane	0.361	0.341	5.5#	91	0.00
46 T	Dibromomethane	0.201	0.182	9.5	84	0.00
47 T	Bromodichloromethane	0.533	0.498	6.6	89	0.00
48 T	Methyl methacrylate	0.203	0.185	8.9	79	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
 Data File : VY021404.D
 Acq On : 04 Mar 2025 13:12
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY030425

Quant Time: Mar 05 04:18:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 03:21:56 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	75	0.00
50 S	Toluene-d8	1.244	1.326	-6.6	115	0.00
51 T	4-Methyl-2-Pentanone	0.228	0.197	13.6	74	0.00
52 CM	Toluene	0.955	0.946	0.9#	94	0.00
53 T	t-1,3-Dichloropropene	0.470	0.444	5.5	87	0.00
54 T	cis-1,3-Dichloropropene	0.557	0.538	3.4	90	0.00
55 T	1,1,2-Trichloroethane	0.263	0.235	10.6	82	0.00
56 T	Ethyl methacrylate	0.335	0.310	7.5	79	0.00
57 T	1,3-Dichloropropane	0.455	0.420	7.7	86	0.00
58 T	2-Chloroethyl Vinyl ether	0.155	0.153	1.3	86	0.00
59 T	2-Hexanone	0.151	0.135	10.6	73	0.00
60 T	Dibromochloromethane	0.360	0.333	7.5	87	0.00
61 T	1,2-Dibromoethane	0.248	0.228	8.1	85	0.00
62 S	4-Bromofluorobenzene	0.423	0.436	-3.1	111	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
64 T	Tetrachloroethene	0.407	0.400	1.7	94	0.00
65 PM	Chlorobenzene	1.181	1.148	2.8	92	0.00
66 T	1,1,1,2-Tetrachloroethane	0.417	0.402	3.6	91	0.00
67 C	Ethyl Benzene	2.072	2.104	-1.5#	94	0.00
68 T	m/p-Xylenes	0.787	0.793	-0.8	92	0.00
69 T	o-Xylene	0.725	0.741	-2.2	93	0.00
70 T	Styrene	1.203	1.213	-0.8	90	0.00
71 P	Bromoform	0.233	0.214	8.2	81	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	0.00
73 T	Isopropylbenzene	3.939	4.111	-4.4	94	0.00
74 T	N-amyl acetate	0.855	0.780	8.8	76	0.00
75 P	1,1,2,2-Tetrachloroethane	0.695	0.613	11.8	78	0.00
76 T	1,2,3-Trichloropropane	0.504	0.453	10.1	85	0.00
77 T	Bromobenzene	0.921	0.888	3.6	89	0.00
78 T	n-propylbenzene	4.783	4.997	-4.5	94	0.00
79 T	2-Chlorotoluene	2.735	2.764	-1.1	93	0.00
80 T	1,3,5-Trimethylbenzene	3.201	3.336	-4.2	95	0.00
81 T	trans-1,4-Dichloro-2-butene	0.222	0.202	9.0	79	0.00
82 T	4-Chlorotoluene	2.832	2.839	-0.2	92	0.00
83 T	tert-Butylbenzene	2.855	3.032	-6.2	96	0.00
84 T	1,2,4-Trimethylbenzene	3.178	3.274	-3.0	93	0.00
85 T	sec-Butylbenzene	4.248	4.495	-5.8	96	0.00
86 T	p-Isopropyltoluene	3.500	3.679	-5.1	95	0.00
87 T	1,3-Dichlorobenzene	1.834	1.788	2.5	91	0.00
88 T	1,4-Dichlorobenzene	1.794	1.734	3.3	90	0.00
89 T	n-Butylbenzene	3.232	3.465	-7.2	95	0.00
90 T	Hexachloroethane	0.747	0.748	-0.1	95	0.00
91 T	1,2-Dichlorobenzene	1.572	1.509	4.0	88	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.104	0.089	14.4	76	0.00
93 T	1,2,4-Trichlorobenzene	0.859	0.848	1.3	86	0.00
94 T	Hexachlorobutadiene	0.538	0.562	-4.5	94	0.00
95 T	Naphthalene	1.390	1.305	6.1	77	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
Data File : VY021404.D
Acq On : 04 Mar 2025 13:12
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425

Quant Time: Mar 05 04:18:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 03:21:56 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	0.722	0.703	2.6	84	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
 Data File : VY021404.D
 Acq On : 04 Mar 2025 13:12
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY030425

Quant Time: Mar 05 04:18:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 03:21:56 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	97	0.00
2 T	Dichlorodifluoromethane	50.000	47.113	5.8	93	0.00
3 P	Chloromethane	50.000	49.075	1.8	99	0.00
4 C	Vinyl Chloride	50.000	50.231	-0.5#	99	0.00
5 T	Bromomethane	50.000	46.283	7.4	98	0.00
6 T	Chloroethane	50.000	48.912	2.2	96	0.00
7 T	Trichlorofluoromethane	50.000	49.011	2.0	97	0.00
8 T	Diethyl Ether	50.000	45.628	8.7	85	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.142	3.7	97	0.00
10 T	Methyl Iodide	50.000	48.336	3.3	85	0.00
11 T	Tert butyl alcohol	250.000	211.206	15.5	75	0.00
12 CM	1,1-Dichloroethene	50.000	49.424	1.2#	97	0.00
13 T	Acrolein	250.000	45.035	82.0#	103	0.00
14 T	Allyl chloride	50.000	50.500	-1.0	96	0.00
15 T	Acrylonitrile	250.000	218.213	12.7	79	0.00
16 T	Acetone	250.000	241.068	3.6	80	0.00
17 T	Carbon Disulfide	50.000	50.464	-0.9	96	0.00
18 T	Methyl Acetate	50.000	44.501	11.0	77	0.00
19 T	Methyl tert-butyl Ether	50.000	45.249	9.5	83	0.00
20 T	Methylene Chloride	50.000	43.913	12.2	93	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.065	3.9	95	0.00
22 T	Diisopropyl ether	50.000	48.325	3.3	90	0.00
23 T	Vinyl Acetate	250.000	233.756	6.5	83	0.00
24 P	1,1-Dichloroethane	50.000	48.243	3.5	94	0.00
25 T	2-Butanone	250.000	222.145	11.1	76	0.00
26 T	2,2-Dichloropropane	50.000	48.615	2.8	97	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.506	3.0	94	0.00
28 T	Bromochloromethane	50.000	56.200	-12.4	103	0.00
29 T	Tetrahydrofuran	250.000	214.177	14.3	74	0.00
30 C	Chloroform	50.000	47.758	4.5#	93	0.00
31 T	Cyclohexane	50.000	47.720	4.6	97	0.00
32 T	1,1,1-Trichloroethane	50.000	48.703	2.6	97	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.828	0.3	106	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35 S	Dibromofluoromethane	50.000	50.894	-1.8	111	0.00
36 T	1,1-Dichloropropene	50.000	48.866	2.3	95	0.00
37 T	Ethyl Acetate	50.000	43.078	13.8	78	0.00
38 T	Carbon Tetrachloride	50.000	48.800	2.4	97	0.00
39 T	Methylcyclohexane	50.000	51.724	-3.4	98	0.00
40 TM	Benzene	50.000	48.542	2.9	94	0.00
41 T	Methacrylonitrile	50.000	51.920	-3.8	96	0.03
42 TM	1,2-Dichloroethane	50.000	45.393	9.2	87	0.00
43 T	Isopropyl Acetate	50.000	43.036	13.9	77	0.00
44 TM	Trichloroethene	50.000	48.321	3.4	95	0.00
45 C	1,2-Dichloropropane	50.000	47.287	5.4#	91	0.00
46 T	Dibromomethane	50.000	45.413	9.2	84	0.00
47 T	Bromodichloromethane	50.000	46.755	6.5	89	0.00
48 T	Methyl methacrylate	50.000	45.652	8.7	79	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
 Data File : VY021404.D
 Acq On : 04 Mar 2025 13:12
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY030425

Quant Time: Mar 05 04:18:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 03:21:56 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	874.634	12.5	75	0.00
50 S	Toluene-d8	50.000	53.263	-6.5	115	0.00
51 T	4-Methyl-2-Pentanone	250.000	216.781	13.3	74	0.00
52 CM	Toluene	50.000	49.486	1.0#	94	0.00
53 T	t-1,3-Dichloropropene	50.000	47.312	5.4	87	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.236	3.5	90	0.00
55 T	1,1,2-Trichloroethane	50.000	44.786	10.4	82	0.00
56 T	Ethyl methacrylate	50.000	46.305	7.4	79	0.00
57 T	1,3-Dichloropropane	50.000	46.108	7.8	86	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	247.869	0.9	86	0.00
59 T	2-Hexanone	250.000	224.350	10.3	73	0.00
60 T	Dibromochloromethane	50.000	46.278	7.4	87	0.00
61 T	1,2-Dibromoethane	50.000	45.932	8.1	85	0.00
62 S	4-Bromofluorobenzene	50.000	51.560	-3.1	111	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64 T	Tetrachloroethene	50.000	49.207	1.6	94	0.00
65 PM	Chlorobenzene	50.000	48.611	2.8	92	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.104	3.8	91	0.00
67 C	Ethyl Benzene	50.000	50.757	-1.5#	94	0.00
68 T	m/p-Xylenes	100.000	100.830	-0.8	92	0.00
69 T	o-Xylene	50.000	51.096	-2.2	93	0.00
70 T	Styrene	50.000	50.400	-0.8	90	0.00
71 P	Bromoform	50.000	45.886	8.2	81	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	93	0.00
73 T	Isopropylbenzene	50.000	52.186	-4.4	94	0.00
74 T	N-amyl acetate	50.000	45.591	8.8	76	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	44.086	11.8	78	0.00
76 T	1,2,3-Trichloropropane	50.000	44.986	10.0	85	0.00
77 T	Bromobenzene	50.000	48.194	3.6	89	0.00
78 T	n-propylbenzene	50.000	52.233	-4.5	94	0.00
79 T	2-Chlorotoluene	50.000	50.525	-1.0	93	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.113	-4.2	95	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	45.578	8.8	79	0.00
82 T	4-Chlorotoluene	50.000	50.122	-0.2	92	0.00
83 T	tert-Butylbenzene	50.000	53.088	-6.2	96	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.510	-3.0	93	0.00
85 T	sec-Butylbenzene	50.000	52.908	-5.8	96	0.00
86 T	p-Isopropyltoluene	50.000	52.556	-5.1	95	0.00
87 T	1,3-Dichlorobenzene	50.000	48.728	2.5	91	0.00
88 T	1,4-Dichlorobenzene	50.000	48.331	3.3	90	0.00
89 T	n-Butylbenzene	50.000	53.606	-7.2	95	0.00
90 T	Hexachloroethane	50.000	50.084	-0.2	95	0.00
91 T	1,2-Dichlorobenzene	50.000	47.985	4.0	88	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	42.654	14.7	76	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.388	1.2	86	0.00
94 T	Hexachlorobutadiene	50.000	52.186	-4.4	94	0.00
95 T	Naphthalene	50.000	45.480	9.0	77	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
Data File : VY021404.D
Acq On : 04 Mar 2025 13:12
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425

Quant Time: Mar 05 04:18:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 03:21:56 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.639	2.7	84	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: WALS01

Lab Code: CHEM Case No.: Q1626 SAS No.: Q1626 SDG No.: Q1626

Instrument ID: MSVOA_Y Calibration Date/Time: 03/25/2025 11:31

Lab File ID: VY021628.D Init. Calib. Date(s): 03/04/2025 03/04/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 09:46 12:15

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.459	0.409		-10.89	20
Chloromethane	0.647	0.618	0.1	-4.48	20
Vinyl Chloride	0.707	0.731		3.39	20
Bromomethane	0.511	0.471		-7.83	20
Chloroethane	0.467	0.518		10.92	20
Trichlorofluoromethane	0.987	1.123		13.78	20
1,1,2-Trichlorotrifluoroethane	0.563	0.573		1.78	20
1,1-Dichloroethene	0.514	0.502		-2.34	20
Acetone	0.115	0.123		6.96	20
Carbon Disulfide	1.610	1.406		-12.67	20
Methyl tert-butyl Ether	1.302	1.275		-2.07	20
Methyl Acetate	0.256	0.321		25.39	20
Methylene Chloride	0.605	0.563		-6.94	20
trans-1,2-Dichloroethene	0.575	0.566		-1.57	20
1,1-Dichloroethane	1.056	1.067	0.1	1.04	20
Cyclohexane	0.990	0.899		-9.19	20
2-Butanone	0.159	0.156		-1.89	20
Carbon Tetrachloride	0.592	0.634		7.09	20
cis-1,2-Dichloroethene	0.653	0.660		1.07	20
Bromochloromethane	0.443	0.444		0.23	20
Chloroform	1.096	1.112		1.46	20
1,1,1-Trichloroethane	1.004	1.022		1.79	20
Methylcyclohexane	0.631	0.652		3.33	20
Benzene	1.515	1.565		3.3	20
1,2-Dichloroethane	0.424	0.426		0.47	20
Trichloroethene	0.383	0.406		6.01	20
1,2-Dichloropropane	0.361	0.382		5.82	20
Bromodichloromethane	0.533	0.566		6.19	20
4-Methyl-2-Pentanone	0.228	0.230		0.88	20
Toluene	0.955	1.011		5.86	20
t-1,3-Dichloropropene	0.470	0.496		5.53	20
cis-1,3-Dichloropropene	0.557	0.581		4.31	20
1,1,2-Trichloroethane	0.263	0.276		4.94	20
2-Hexanone	0.151	0.160		5.96	20
Dibromochloromethane	0.360	0.376		4.44	20
1,2-Dibromoethane	0.248	0.249		0.4	20
Tetrachloroethene	0.407	0.486		19.41	20
Chlorobenzene	1.181	1.247	0.3	5.59	20

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 CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: WALS01

Lab Code: CHEM Case No.: Q1626 SAS No.: Q1626 SDG No.: Q1626

Instrument ID: MSVOA_Y Calibration Date/Time: 03/25/2025 11:31

Lab File ID: VY021628.D Init. Calib. Date(s): 03/04/2025 03/04/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 09:46 12:15

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	2.072	2.245		8.35	20
m/p-Xylenes	0.787	0.860		9.28	20
o-Xylene	0.725	0.792		9.24	20
Styrene	1.203	1.337		11.14	20
Bromoform	0.233	0.249	0.1	6.87	20
Isopropylbenzene	3.939	4.241		7.67	20
1,1,2,2-Tetrachloroethane	0.695	0.672	0.3	-3.31	20
1,3-Dichlorobenzene	1.834	1.893		3.22	20
1,4-Dichlorobenzene	1.794	1.848		3.01	20
1,2-Dichlorobenzene	1.572	1.638		4.2	20
1,2-Dibromo-3-Chloropropane	0.104	0.103		-0.96	20
1,2,4-Trichlorobenzene	0.859	0.916		6.64	20
1,2,3-Trichlorobenzene	0.722	0.763		5.68	20
1,2-Dichloroethane-d4	0.528	0.552		4.55	20
Dibromofluoromethane	0.329	0.371		12.77	20
Toluene-d8	1.244	1.383		11.17	20
4-Bromofluorobenzene	0.423	0.468		10.64	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032525\
 Data File : VY021628.D
 Acq On : 25 Mar 2025 11:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Mahesh Dadoda 03/26/2025
 Supervised By : Semsettin Yesilyurt 03/26/2025

Quant Time: Mar 26 01:35:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	208523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	310165	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	269506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	138648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	115109	52.228	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.460%			
35) Dibromofluoromethane	7.628	113	114984	56.399	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.800%			
50) Toluene-d8	10.109	98	428835	55.553	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 111.100%			
62) 4-Bromofluorobenzene	12.408	95	145218	55.304	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 110.600%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	85208	44.529	ug/l	100
3) Chloromethane	2.068	50	128930	47.790	ug/l	98
4) Vinyl Chloride	2.202	62	152470	51.716	ug/l	98
5) Bromomethane	2.592	94	98126	46.052	ug/l	92
6) Chloroethane	2.733	64	108047	55.457	ug/l	98
7) Trichlorofluoromethane	3.056	101	234257	56.927	ug/l	100
8) Diethyl Ether	3.452	74	54820	48.071	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	119571	50.894	ug/l	99
10) Methyl Iodide	4.001	142	117454	49.181	ug/l	99
11) Tert butyl alcohol	4.854	59	31659	218.054	ug/l	98
12) 1,1-Dichloroethene	3.787	96	104744	48.901	ug/l	99
13) Acrolein	3.653	56	3878	34.594	ug/l	96
14) Allyl chloride	4.379	41	172194	49.745	ug/l	99
15) Acrylonitrile	5.055	53	119124	245.387	ug/l	98
16) Acetone	3.866	43	128382	267.071	ug/l	96
17) Carbon Disulfide	4.104	76	293209	43.679	ug/l	99
18) Methyl Acetate	4.385	43	66871	62.696	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	265837	48.966	ug/l	98
20) Methylene Chloride	4.616	84	117412	46.531	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	117924	49.159	ug/l	96
22) Diisopropyl ether	6.012	45	377367	50.586	ug/l	98
23) Vinyl Acetate	5.958	43	993751	233.415	ug/l	99
24) 1,1-Dichloroethane	5.909	63	222551	50.547	ug/l	99
25) 2-Butanone	6.890	43	162590	244.511	ug/l	99
26) 2,2-Dichloropropane	6.884	77	206349	50.936	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	137581	50.485	ug/l	99
28) Bromochloromethane	7.244	49	92488	50.106	ug/l	98
29) Tetrahydrofuran	7.256	42	96584	235.277	ug/l	99
30) Chloroform	7.421	83	231820	50.705	ug/l	98
31) Cyclohexane	7.701	56	187396	45.400	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	213175	50.923	ug/l	100
36) 1,1-Dichloropropene	7.835	75	163842	51.340	ug/l	100
37) Ethyl Acetate	6.982	43	68663	48.679	ug/l	99
38) Carbon Tetrachloride	7.817	117	196693	53.591	ug/l	98
39) Methylcyclohexane	9.109	83	202283	51.675	ug/l	100
40) Benzene	8.079	78	485497	51.644	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032525\
 Data File : VY021628.D
 Acq On : 25 Mar 2025 11:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025

Supervised By :Semsettin Yesilyurt 03/26/2025

Quant Time: Mar 26 01:35:13 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M

Quant Title : SW846 8260

QLast Update : Wed Mar 05 12:42:45 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	39289	51.156	ug/l #	93
42) 1,2-Dichloroethane	8.158	62	132253	50.288	ug/l	99
43) Isopropyl Acetate	8.195	43	133055	48.593	ug/l #	88
44) Trichloroethene	8.866	130	126073	53.070	ug/l	96
45) 1,2-Dichloropropane	9.140	63	118445	52.938	ug/l	98
46) Dibromomethane	9.231	93	63897	51.326	ug/l	99
47) Bromodichloromethane	9.420	83	175430	53.063	ug/l	100
48) Methyl methacrylate	9.219	41	65322	51.952	ug/l	98
49) 1,4-Dioxane	9.225	88	13842	1132.801	ug/l	94
51) 4-Methyl-2-Pentanone	10.000	43	357380	252.958	ug/l	100
52) Toluene	10.170	92	313470	52.890	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	153774	52.794	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	180186	52.104	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	85583	52.554	ug/l	96
56) Ethyl methacrylate	10.438	69	108774	52.374	ug/l	99
57) 1,3-Dichloropropane	10.719	76	144667	51.256	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	251677	262.508	ug/l	99
59) 2-Hexanone	10.762	43	247948	265.418	ug/l	100
60) Dibromochloromethane	10.914	129	116734	52.288	ug/l	100
61) 1,2-Dibromoethane	11.018	107	77196	50.227	ug/l	100
64) Tetrachloroethene	10.646	164	130942	59.749	ug/l	100
65) Chlorobenzene	11.444	112	336192	52.825	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	122676	54.521	ug/l	99
67) Ethyl Benzene	11.518	91	605019	54.162	ug/l	99
68) m/p-Xylenes	11.627	106	463807	109.365	ug/l	100
69) o-Xylene	11.956	106	213418	54.602	ug/l	99
70) Styrene	11.969	104	360376	55.578	ug/l	99
71) Bromoform	12.133	173	66974	53.246	ug/l	100
73) Isopropylbenzene	12.255	105	588063	53.844	ug/l	100
74) N-amyl acetate	12.072	43	117870	49.694	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	93136	48.325	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	69857m	50.000	ug/l	
77) Bromobenzene	12.536	156	130683	51.146	ug/l	98
78) n-propylbenzene	12.597	91	716292	54.002	ug/l	100
79) 2-Chlorotoluene	12.682	91	398901	52.595	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	476635	53.702	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	30476	49.588	ug/l	97
82) 4-Chlorotoluene	12.780	91	414745	52.809	ug/l	99
83) tert-Butylbenzene	12.999	119	432478	54.621	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	474618	53.858	ug/l	100
85) sec-Butylbenzene	13.176	105	643196	54.598	ug/l	99
86) p-Isopropyltoluene	13.292	119	539472	55.584	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	262434	51.598	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	256207	51.508	ug/l	100
89) n-Butylbenzene	13.621	91	499658	55.753	ug/l	99
90) Hexachloroethane	13.883	117	110330	53.287	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	227166	52.112	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	14263	49.404	ug/l	93
93) 1,2,4-Trichlorobenzene	14.925	180	127005	53.341	ug/l	98
94) Hexachlorobutadiene	15.023	225	84565	56.659	ug/l	100
95) Naphthalene	15.145	128	201527	50.069	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	105845	52.855	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032525\
Data File : VY021628.D
Acq On : 25 Mar 2025 11:31
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025

Quant Time: Mar 26 01:35:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

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

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

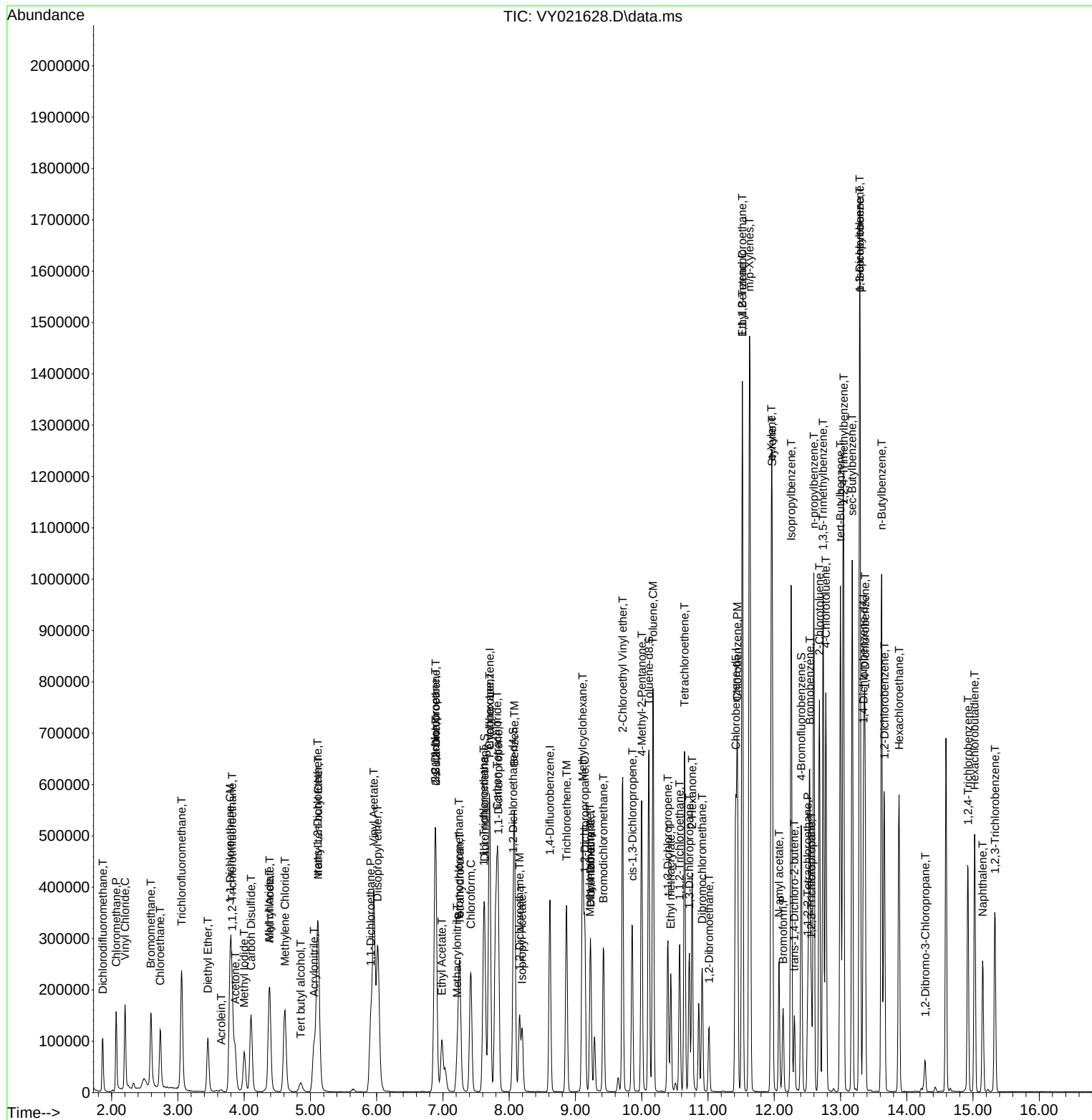
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032525\
 Data File : VY021628.D
 Acq On : 25 Mar 2025 11:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 2 Sample Multiplier: 1

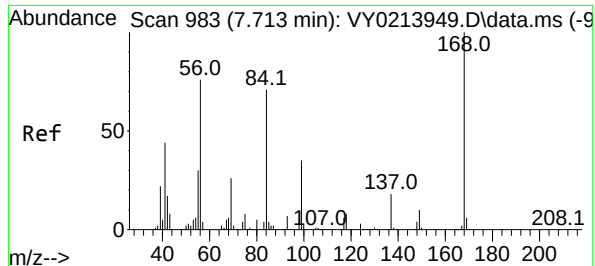
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

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Reviewed By : Mahesh Dadoda 03/26/2025
 Supervised By : Semsettin Yesilyurt 03/26/2025

Quant Time: Mar 26 01:35:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration





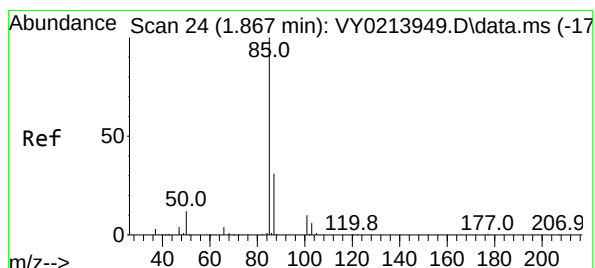
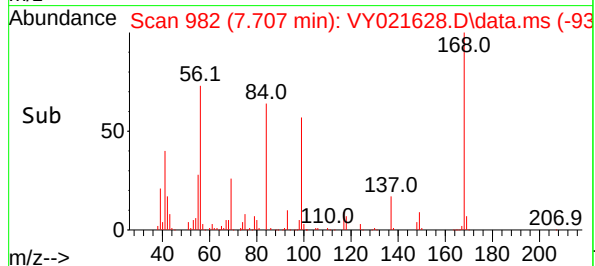
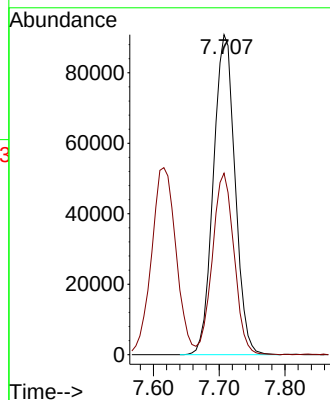
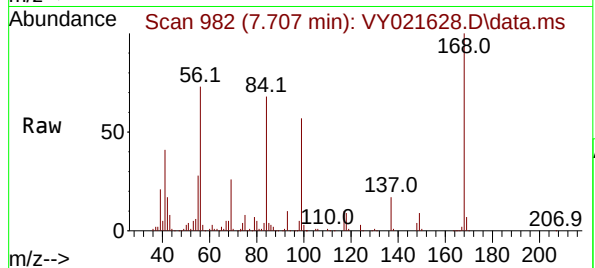
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 20852
Ion Ratio Lower Upper
168 100
99 56.7 46.0 69.0

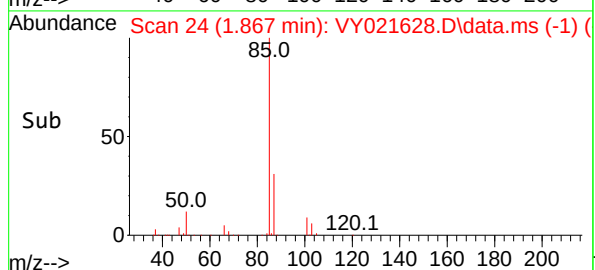
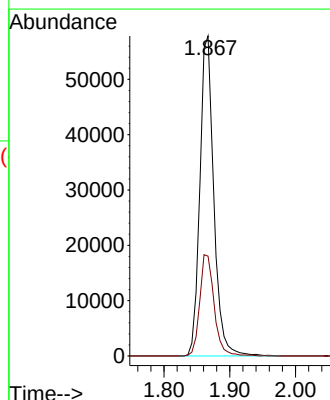
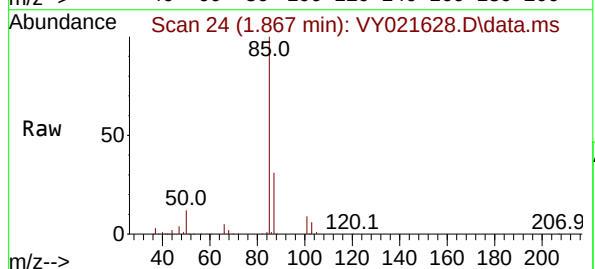
Manual Integrations
APPROVED

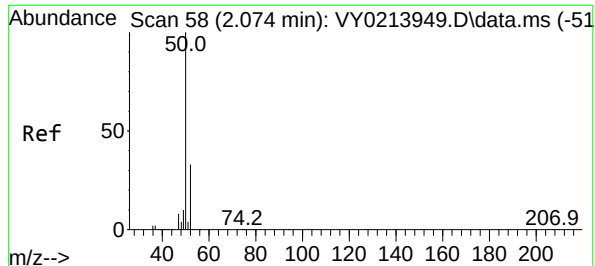
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#2
Dichlorodifluoromethane
Concen: 44.529 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

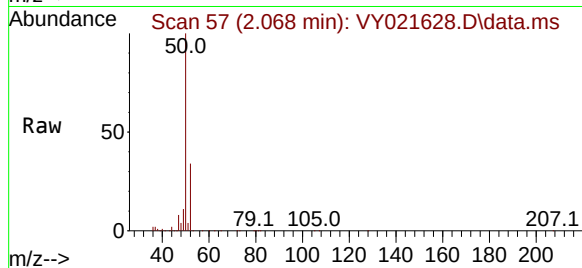
Tgt Ion: 85 Resp: 85208
Ion Ratio Lower Upper
85 100
87 31.2 15.7 47.0





#3
Chloromethane
Concen: 47.790 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

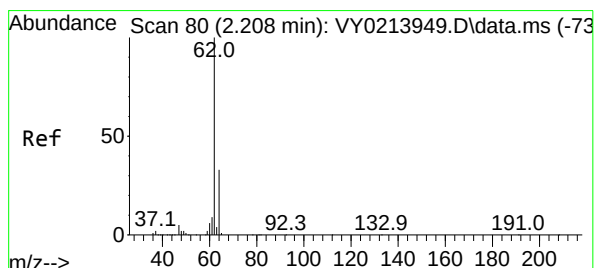
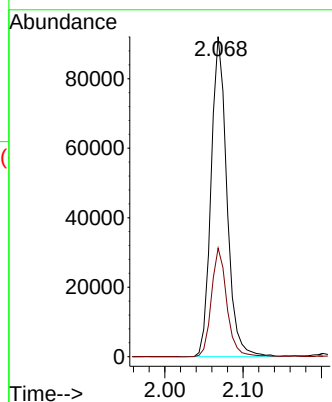
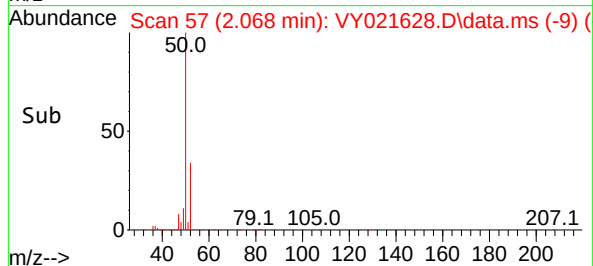
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 128930
Ion Ratio Lower Upper
50 100
52 34.0 26.2 39.2

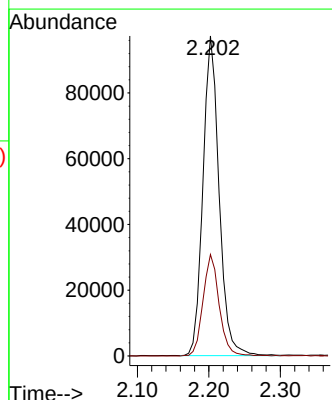
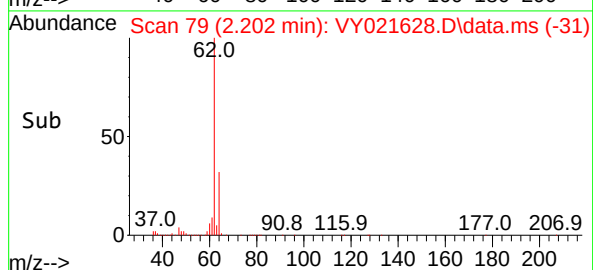
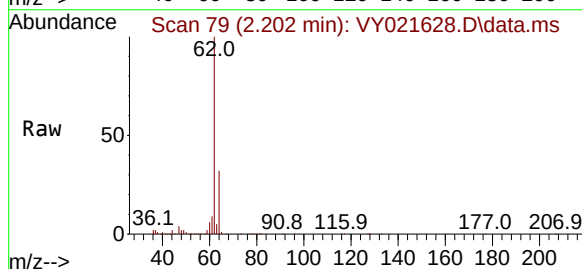
Manual Integrations
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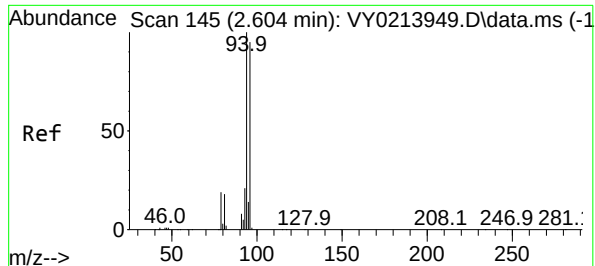
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#4
Vinyl Chloride
Concen: 51.716 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

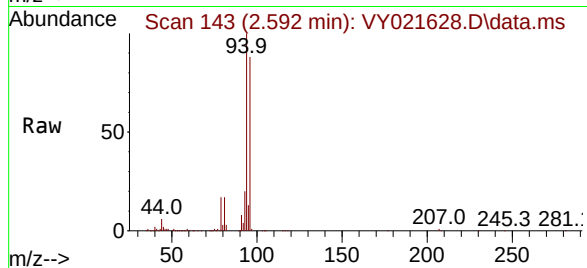
Tgt Ion: 62 Resp: 152470
Ion Ratio Lower Upper
62 100
64 31.7 26.2 39.2





#5
Bromomethane
Concen: 46.052 ug/l
RT: 2.592 min Scan# 145
Delta R.T. -0.012 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

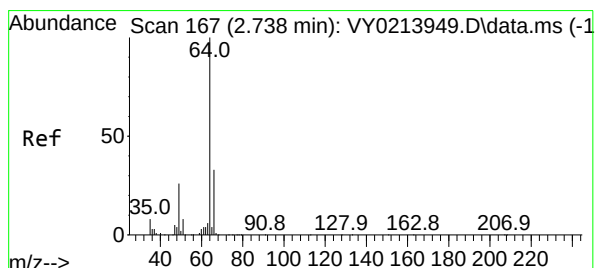
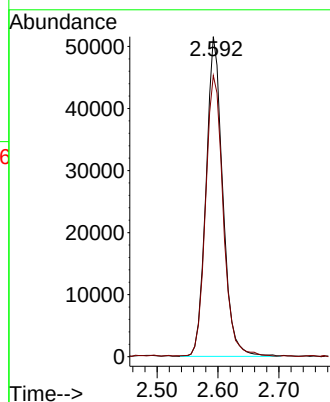
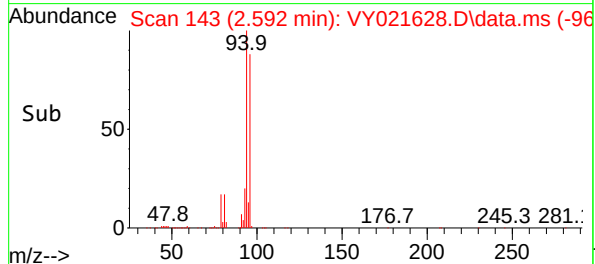
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 98120
Ion Ratio Lower Upper
94 100
96 87.7 76.3 114.5

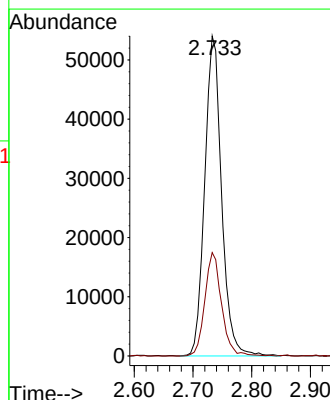
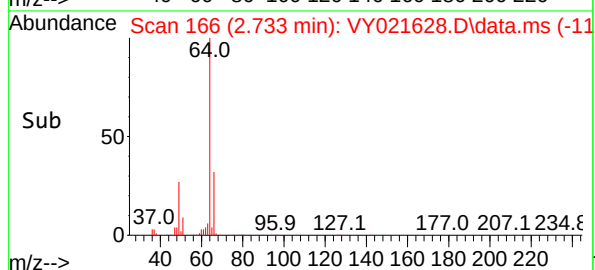
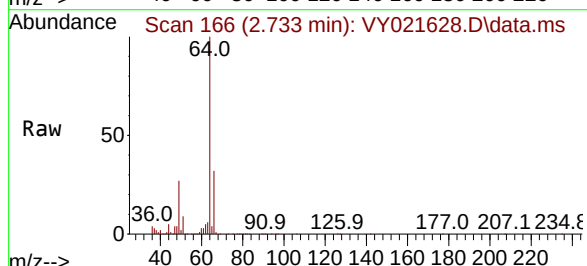
Manual Integrations
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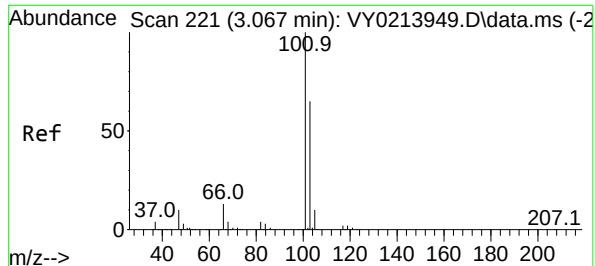
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#6
Chloroethane
Concen: 55.457 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

Tgt Ion: 64 Resp: 108047
Ion Ratio Lower Upper
64 100
66 32.3 26.7 40.1





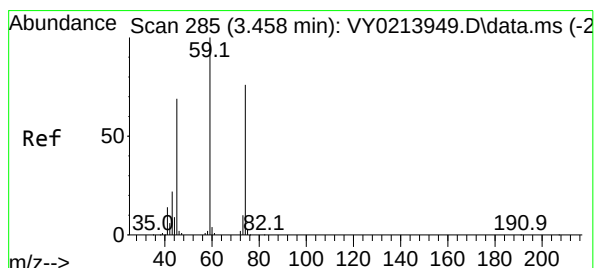
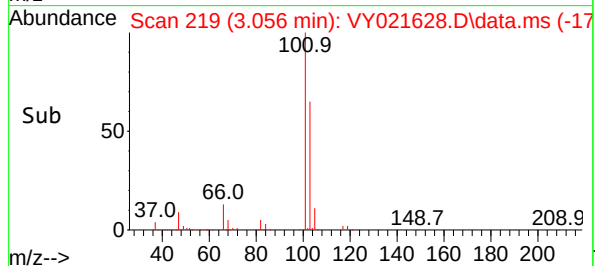
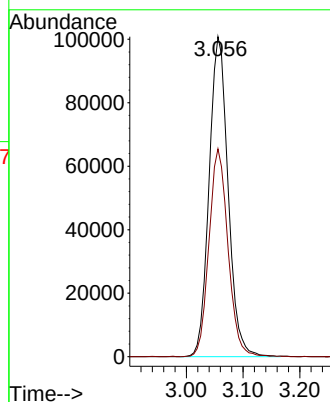
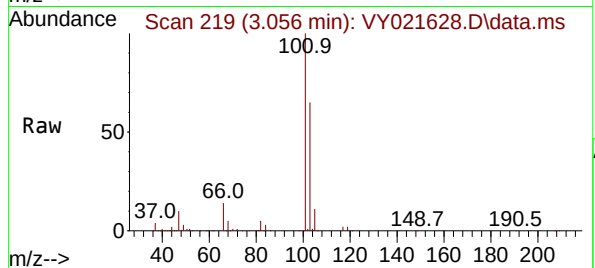
#7
Trichlorofluoromethane
Concen: 56.927 ug/l
RT: 3.056 min Scan# 21
Delta R.T. -0.012 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 23425
Ion Ratio Lower Upper
101 100
103 64.9 51.7 77.5

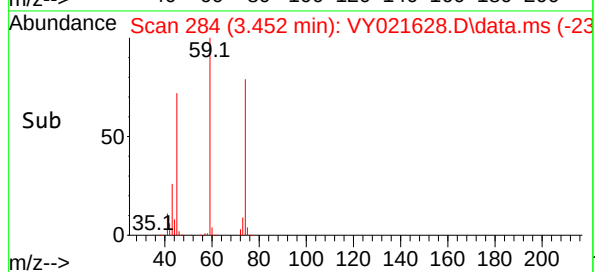
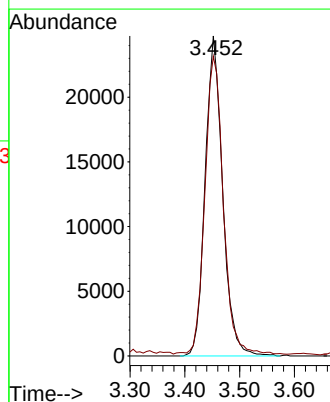
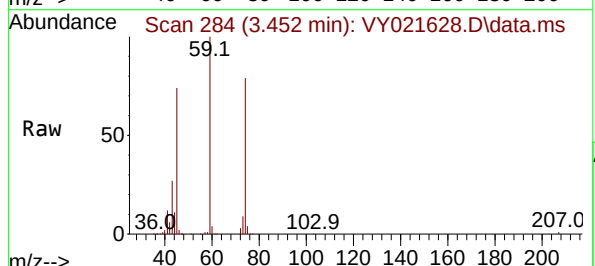
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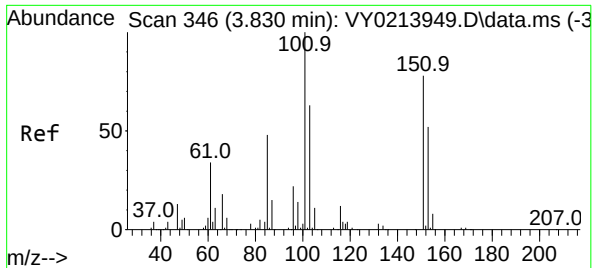
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#8
Diethyl Ether
Concen: 48.071 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.006 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

Tgt Ion: 74 Resp: 54820
Ion Ratio Lower Upper
74 100
45 97.7 49.7 149.1





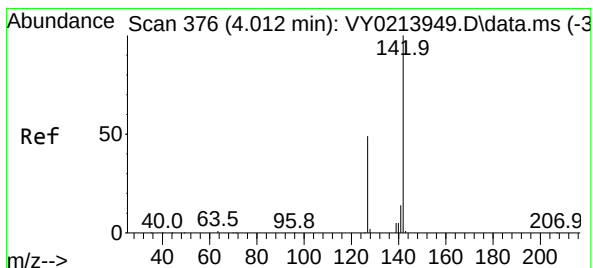
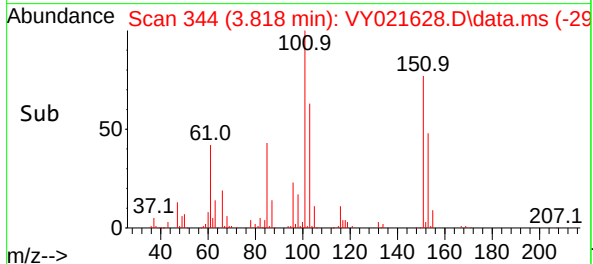
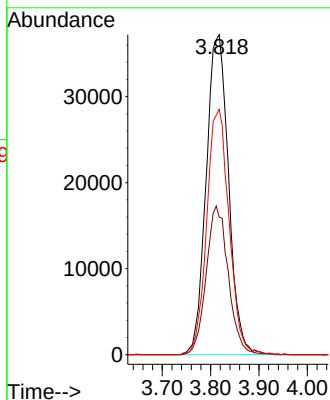
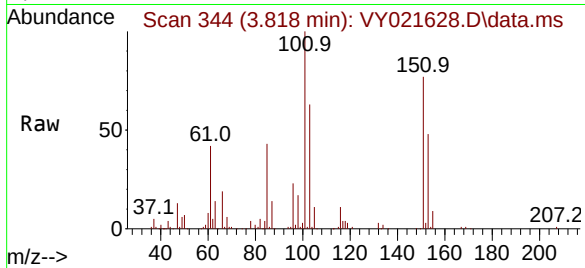
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.894 ug/l
RT: 3.818 min Scan# 346
Delta R.T. -0.012 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 11957
Ion Ratio Lower Upper
101 100
85 45.9 37.1 55.7
151 76.6 62.1 93.1

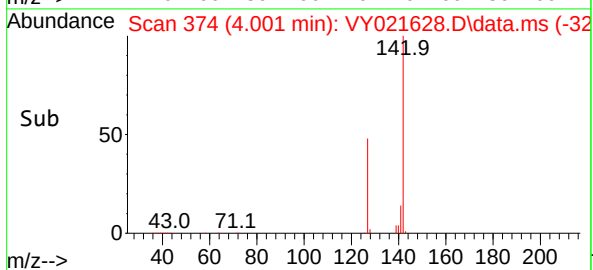
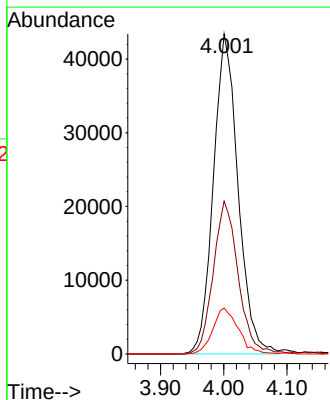
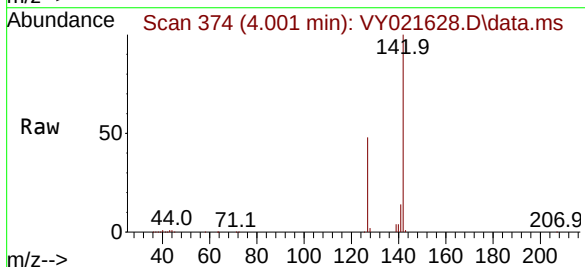
Manual Integrations
APPROVED

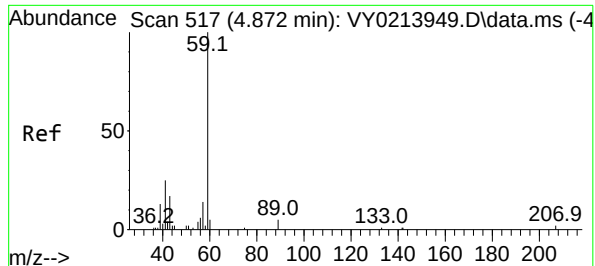
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#10
Methyl Iodide
Concen: 49.181 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.012 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

Tgt Ion:142 Resp: 117454
Ion Ratio Lower Upper
142 100
127 48.3 39.1 58.7
141 14.9 11.8 17.6





#11

Tert butyl alcohol

Concen: 218.054 ug/l

RT: 4.854 min Scan# 517

Delta R.T. -0.018 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 31659

Ion Ratio Lower Upper

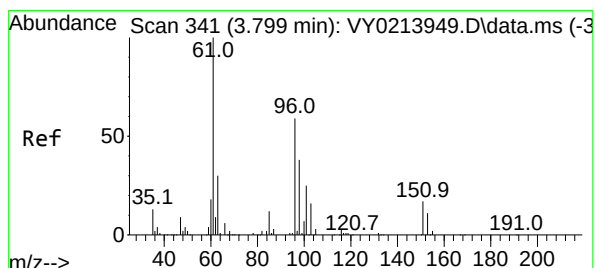
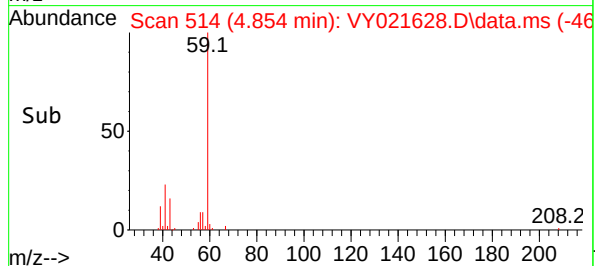
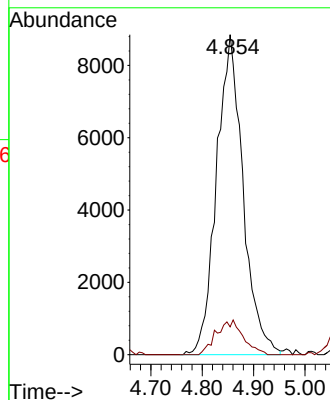
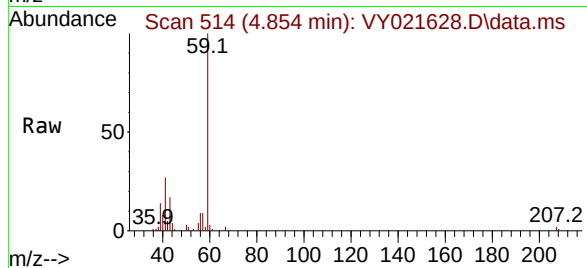
59 100

57 11.0 8.2 12.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/26/2025
 Supervised By :Semsettin Yesilyurt 03/26/2025



#12

1,1-Dichloroethene

Concen: 48.901 ug/l

RT: 3.787 min Scan# 339

Delta R.T. -0.012 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

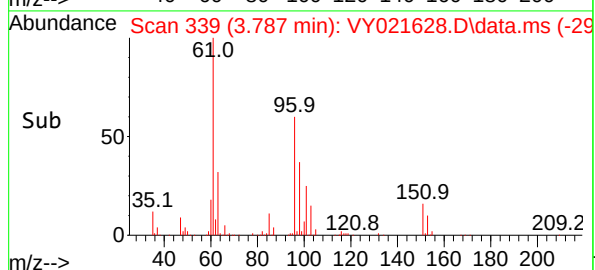
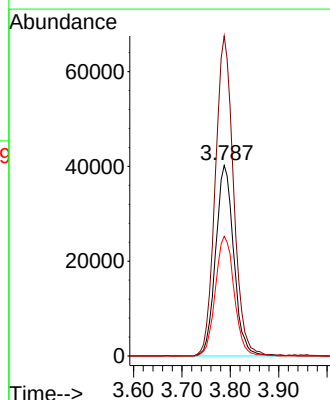
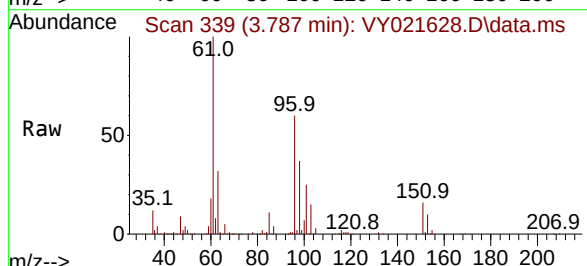
Tgt Ion: 96 Resp: 104744

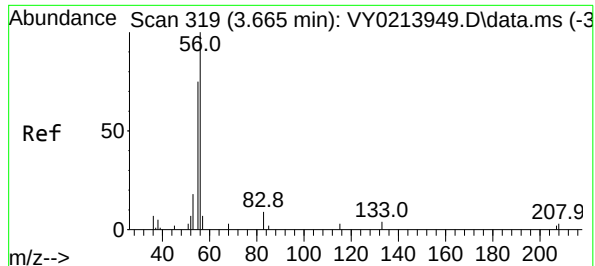
Ion Ratio Lower Upper

96 100

61 167.9 135.2 202.8

98 62.8 51.4 77.2





#13

Acrolein

Concen: 34.594 ug/l

RT: 3.653 min Scan# 317

Delta R.T. -0.012 min

Lab File: VY021628.D

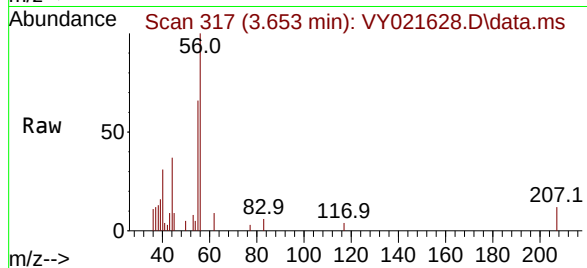
Acq: 25 Mar 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion: 56 Resp: 3878

Ion Ratio Lower Upper

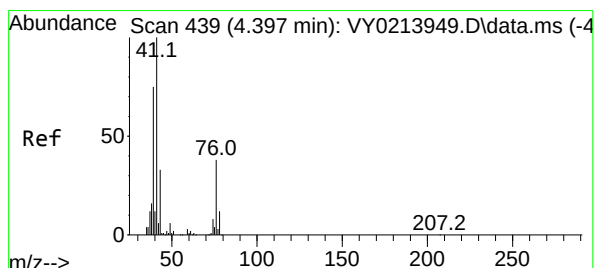
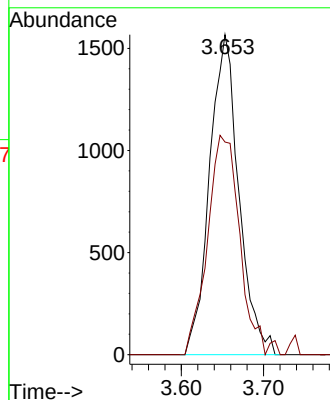
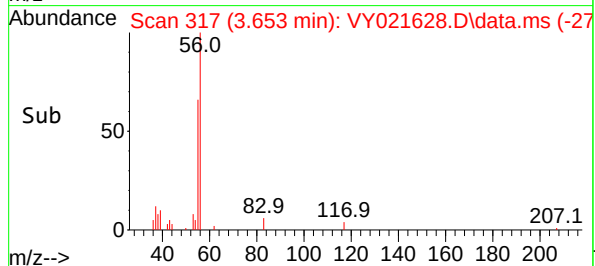
56 100

55 75.9 63.4 95.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#14

Allyl chloride

Concen: 49.745 ug/l

RT: 4.379 min Scan# 436

Delta R.T. -0.018 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

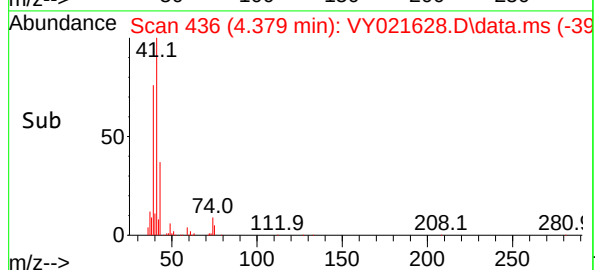
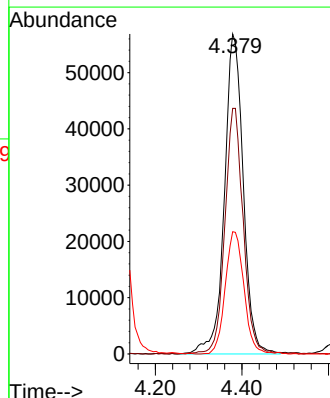
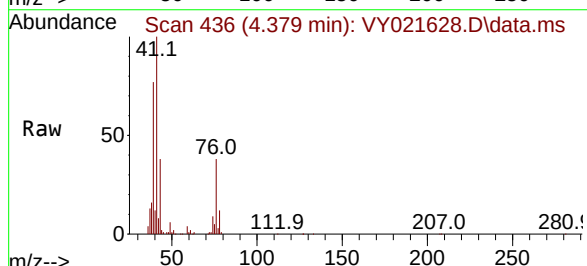
Tgt Ion: 41 Resp: 172194

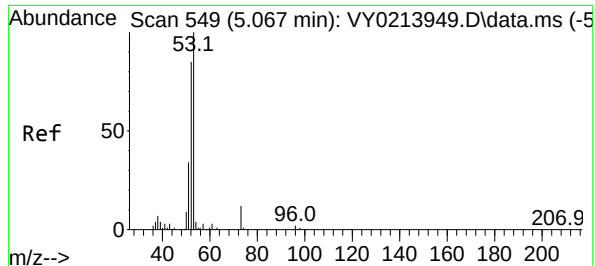
Ion Ratio Lower Upper

41 100

39 74.8 59.3 88.9

76 37.8 29.8 44.8





#15

Acrylonitrile

Concen: 245.387 ug/l

RT: 5.055 min Scan# 54

Delta R.T. -0.012 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 53 Resp: 119124

Ion Ratio Lower Upper

53 100

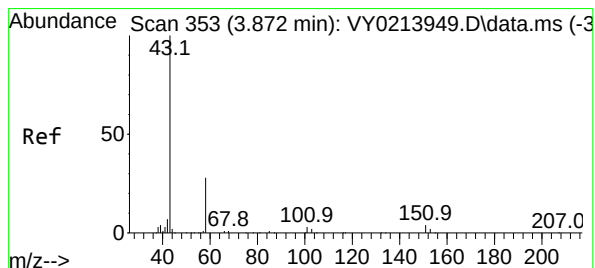
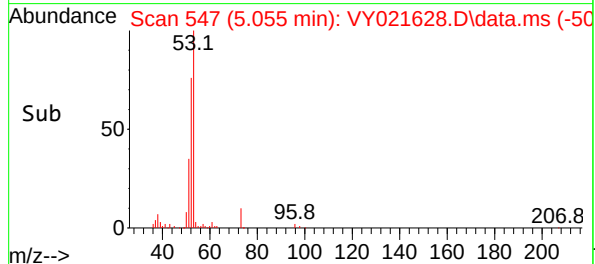
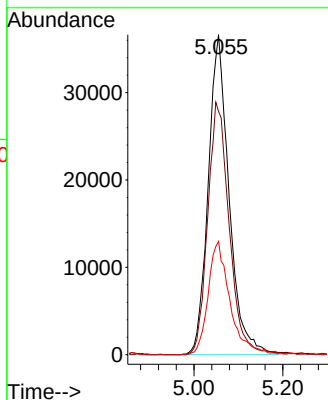
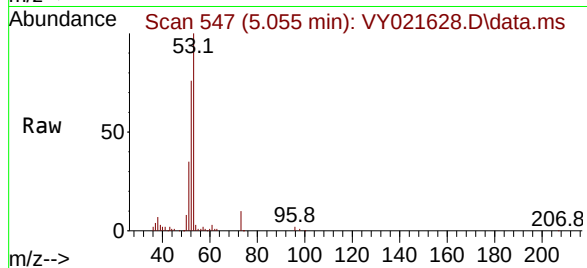
52 81.4 66.3 99.5

51 37.2 30.3 45.5

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/26/2025
 Supervised By :Semsettin Yesilyurt 03/26/2025



#16

Acetone

Concen: 267.071 ug/l

RT: 3.866 min Scan# 352

Delta R.T. -0.006 min

Lab File: VY021628.D

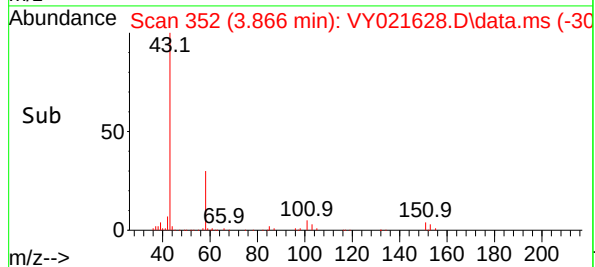
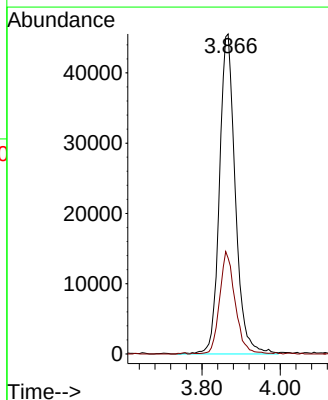
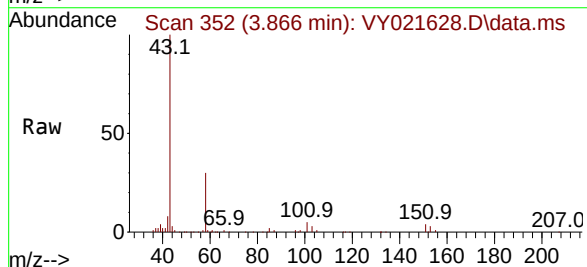
Acq: 25 Mar 2025 11:31

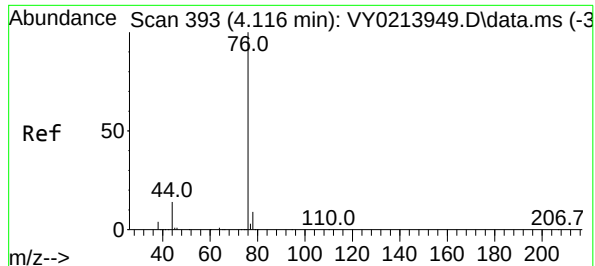
Tgt Ion: 43 Resp: 128382

Ion Ratio Lower Upper

43 100

58 29.8 22.1 33.1





#17

Carbon Disulfide

Concen: 43.679 ug/l

RT: 4.104 min Scan# 391

Delta R.T. -0.012 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 293209

Ion Ratio Lower Upper

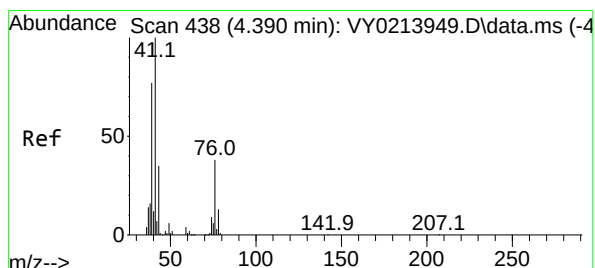
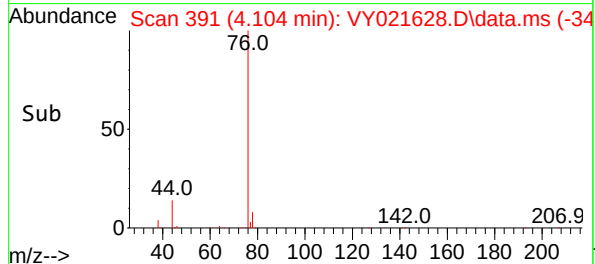
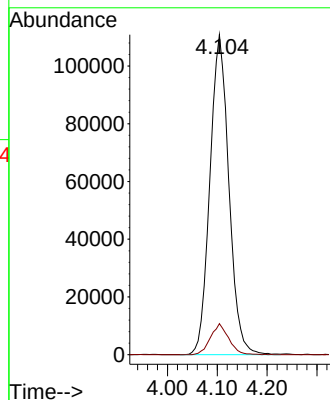
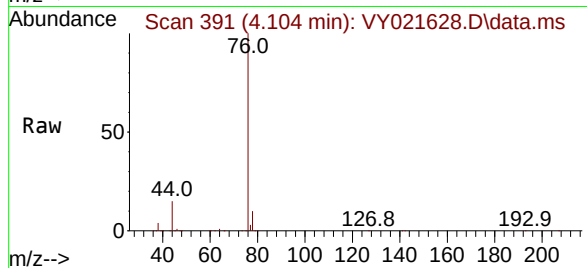
76 100

78 9.7 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#18

Methyl Acetate

Concen: 62.696 ug/l

RT: 4.385 min Scan# 437

Delta R.T. -0.006 min

Lab File: VY021628.D

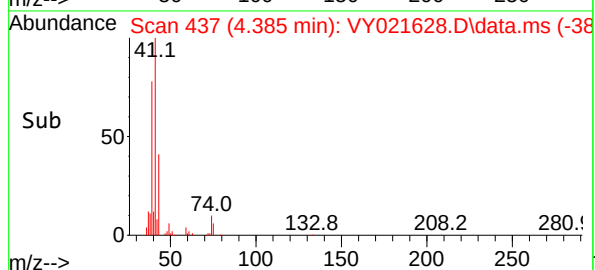
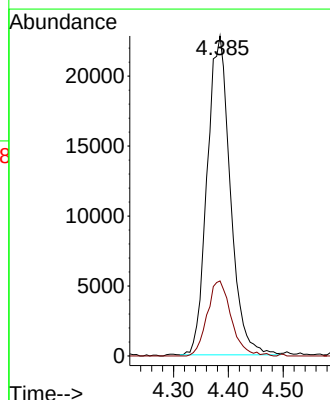
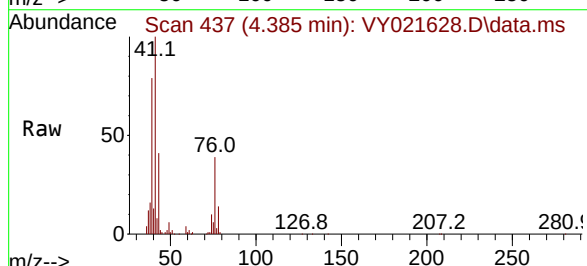
Acq: 25 Mar 2025 11:31

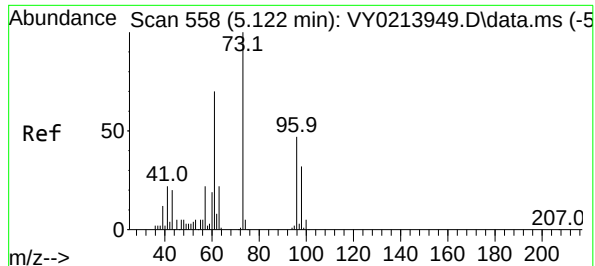
Tgt Ion: 43 Resp: 66871

Ion Ratio Lower Upper

43 100

74 24.4 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 48.966 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 26583

Ion Ratio Lower Upper

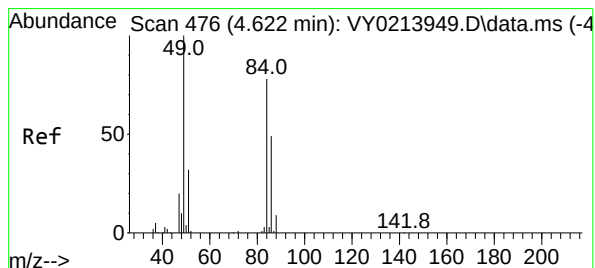
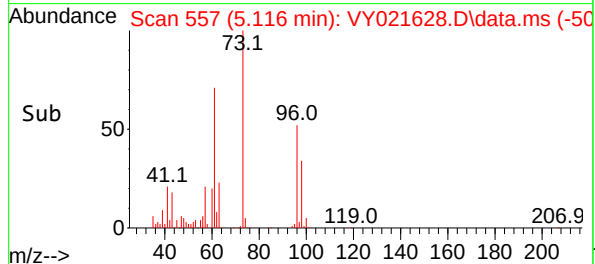
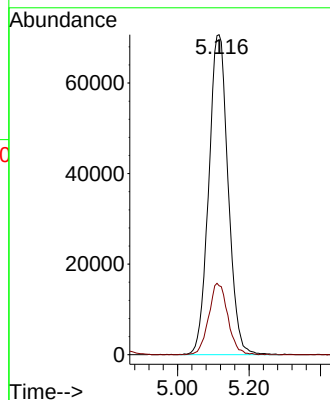
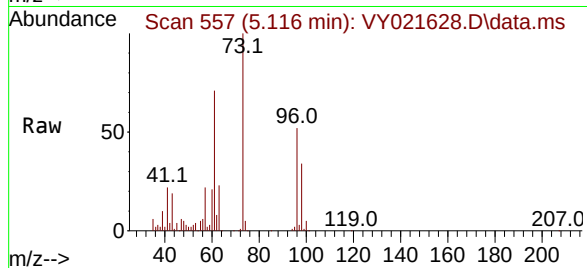
73 100

57 21.5 17.9 26.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
 Supervised By :Semsettin Yesilyurt 03/26/2025



#20

Methylene Chloride

Concen: 46.531 ug/l

RT: 4.616 min Scan# 475

Delta R.T. -0.006 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

Tgt Ion: 84 Resp: 117412

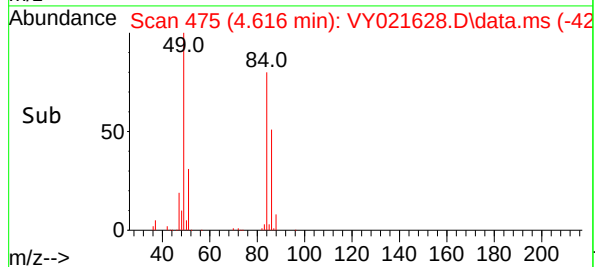
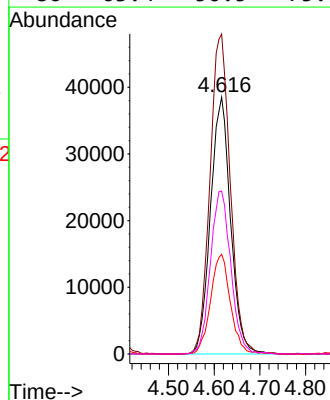
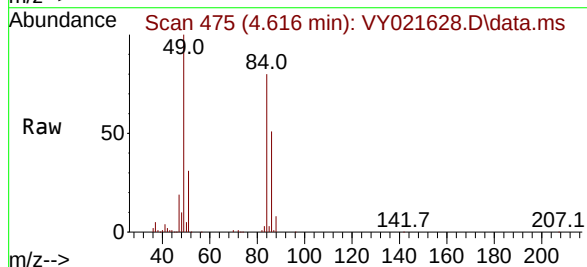
Ion Ratio Lower Upper

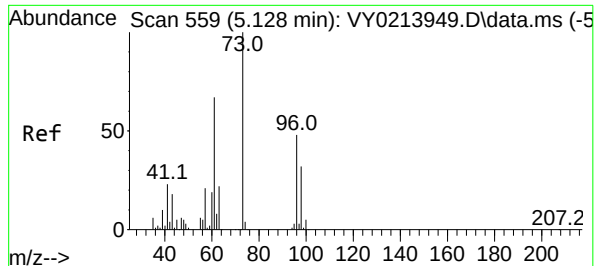
84 100

49 124.7 102.0 153.0

51 38.9 33.0 49.6

86 63.4 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 49.159 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.018 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 117924

Ion Ratio Lower Upper

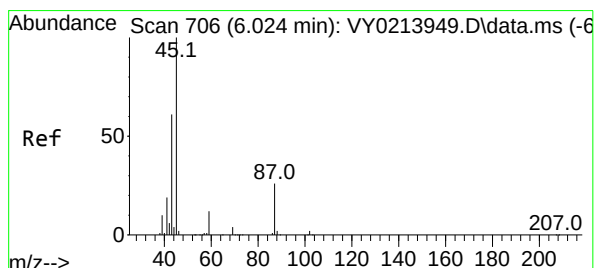
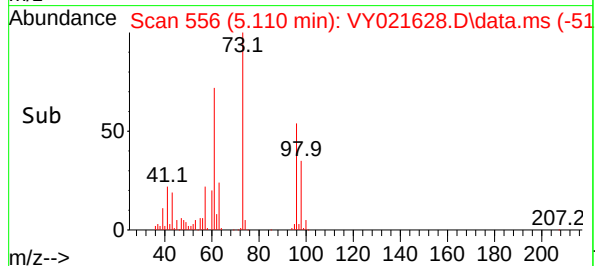
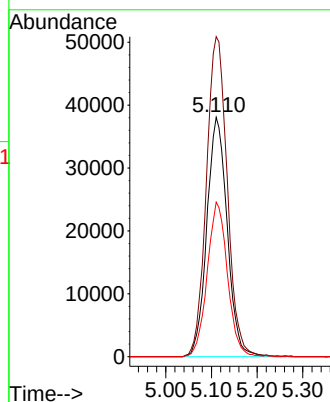
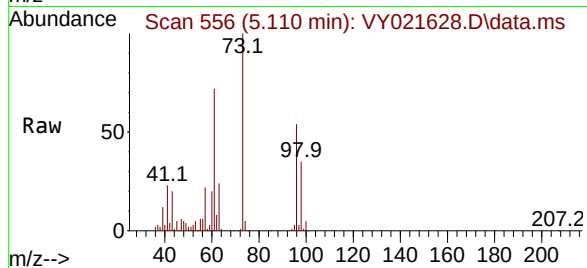
96 100

61 133.7 111.5 167.3

98 64.6 53.8 80.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025

#22

Diisopropyl ether

Concen: 50.586 ug/l

RT: 6.012 min Scan# 704

Delta R.T. -0.012 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

Tgt Ion: 45 Resp: 377367

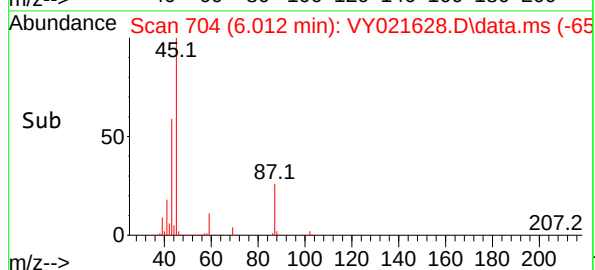
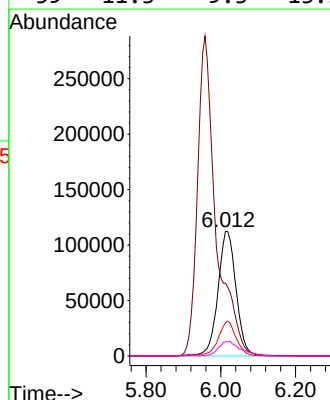
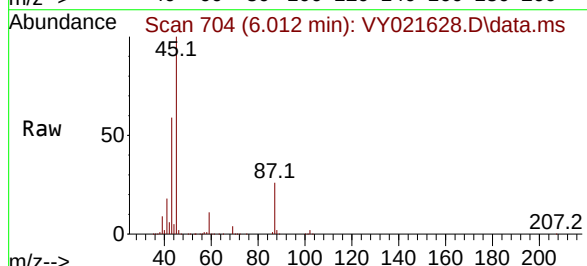
Ion Ratio Lower Upper

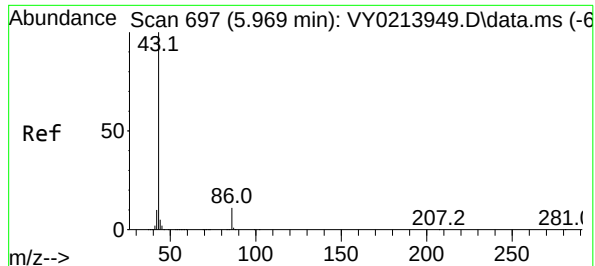
45 100

43 58.3 48.7 73.1

87 26.4 21.5 32.3

59 11.3 9.3 13.9





#23

Vinyl Acetate

Concen: 233.415 ug/l

RT: 5.958 min Scan# 695

Delta R.T. -0.012 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 99375

Ion Ratio Lower Upper

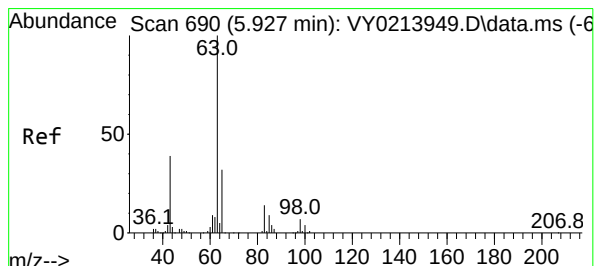
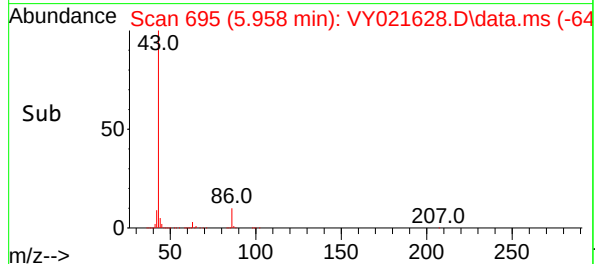
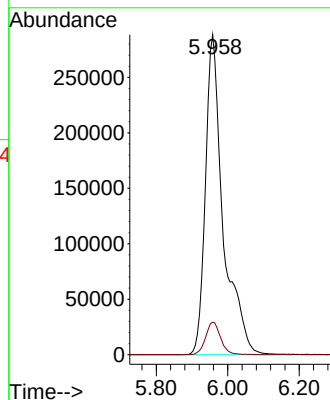
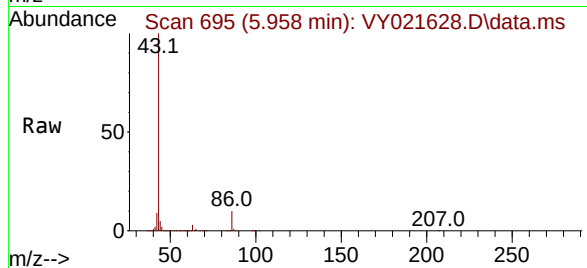
43 100

86 10.2 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
 Supervised By :Semsettin Yesilyurt 03/26/2025



#24

1,1-Dichloroethane

Concen: 50.547 ug/l

RT: 5.909 min Scan# 687

Delta R.T. -0.018 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

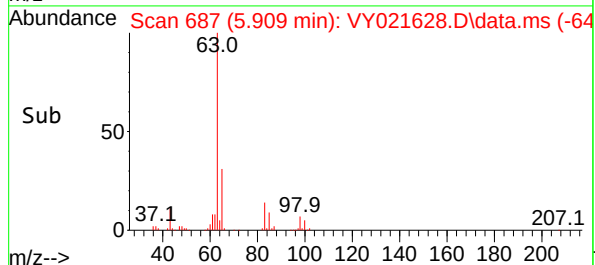
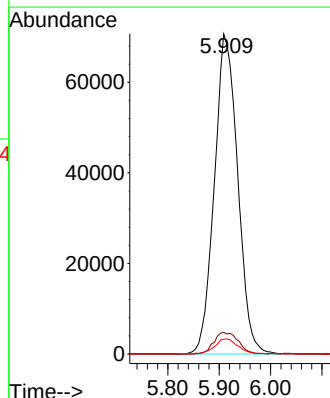
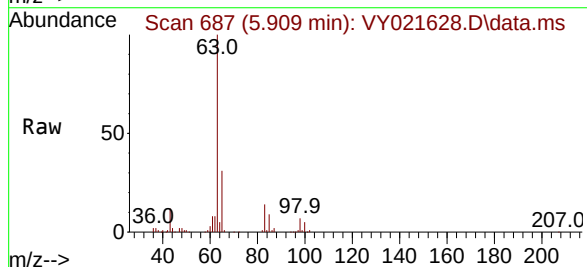
Tgt Ion: 63 Resp: 222551

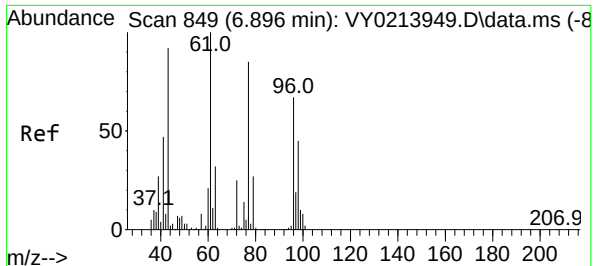
Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.9

100 4.6 2.1 6.5





#25

2-Butanone

Concen: 244.511 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 162590

Ion Ratio Lower Upper

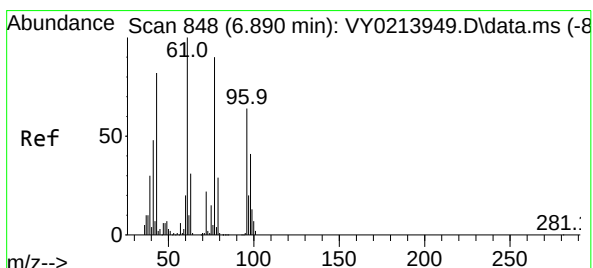
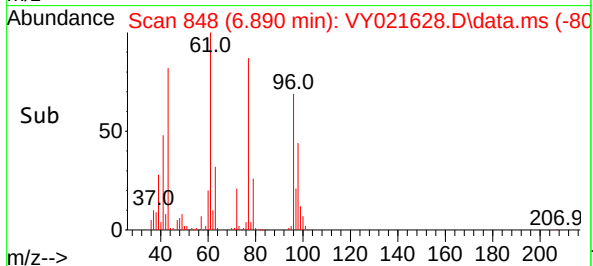
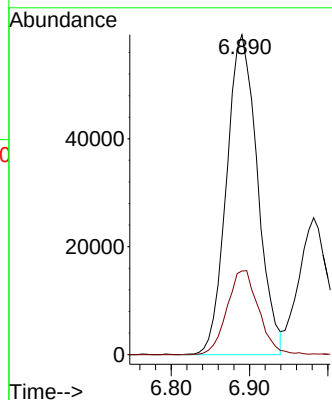
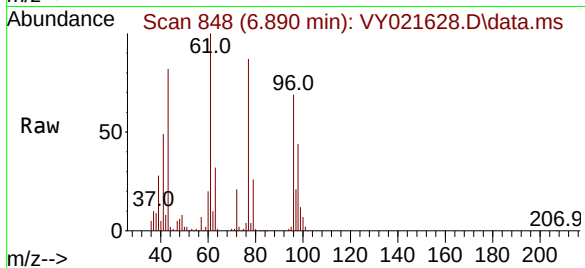
43 100

72 26.1 21.4 32.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
 Supervised By :Semsettin Yesilyurt 03/26/2025



#26

2,2-Dichloropropane

Concen: 50.936 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY021628.D

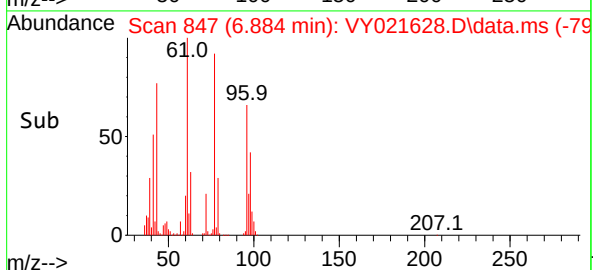
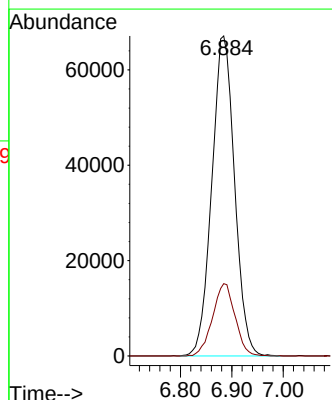
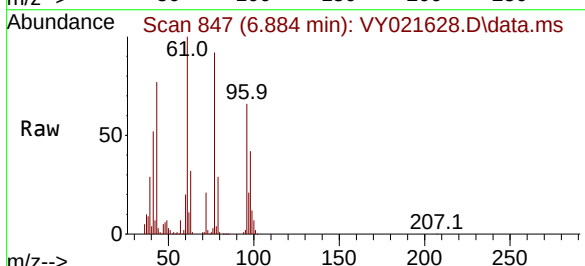
Acq: 25 Mar 2025 11:31

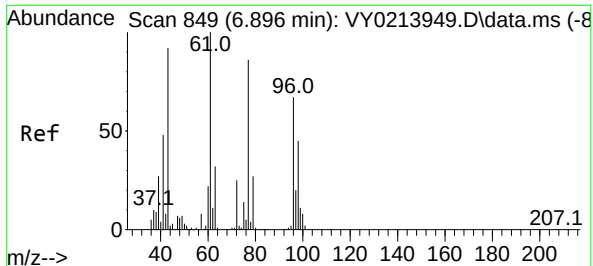
Tgt Ion: 77 Resp: 206349

Ion Ratio Lower Upper

77 100

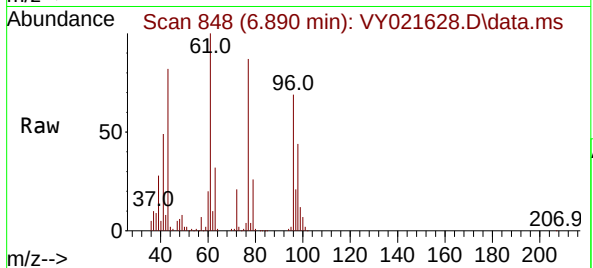
97 22.3 11.3 33.8





#27
cis-1,2-Dichloroethene
Concen: 50.485 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

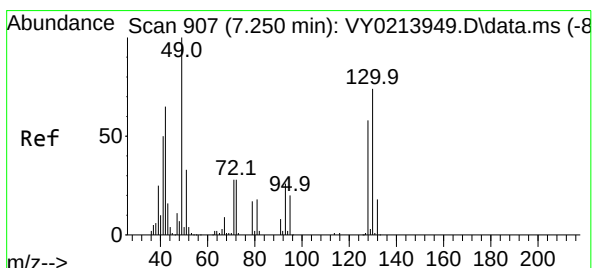
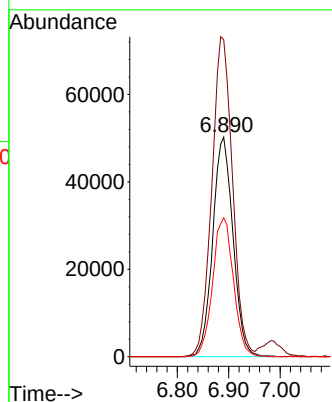
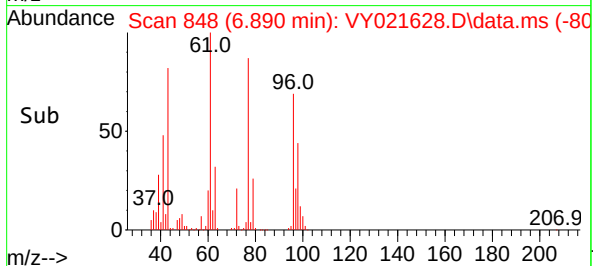
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 13758
Ion Ratio Lower Upper
96 100
61 148.5 0.0 300.8
98 64.9 0.0 130.0

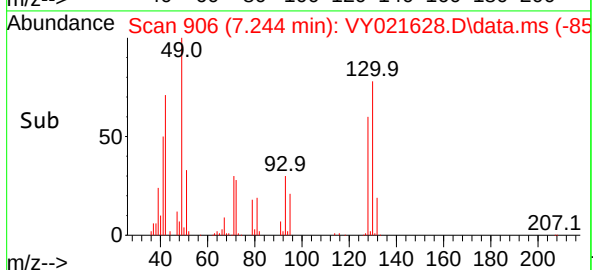
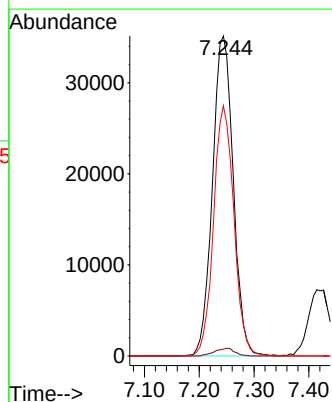
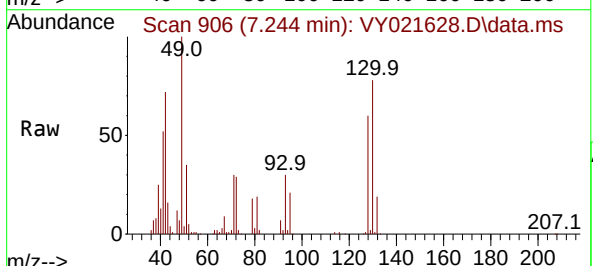
Manual Integrations
APPROVED

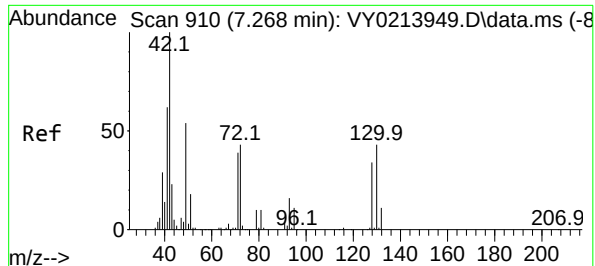
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#28
Bromochloromethane
Concen: 50.106 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.006 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

Tgt Ion: 49 Resp: 92488
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.2
130 76.4 59.6 89.4





#29

Tetrahydrofuran

Concen: 235.277 ug/l

RT: 7.256 min Scan# 908

Delta R.T. -0.012 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 96584

Ion Ratio Lower Upper

42 100

72 43.7 34.8 52.2

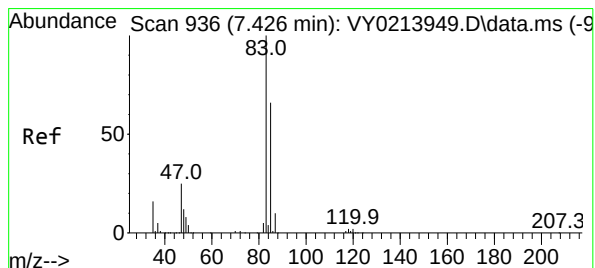
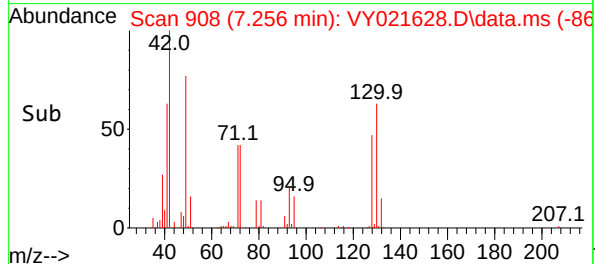
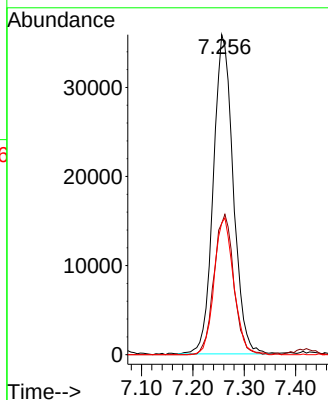
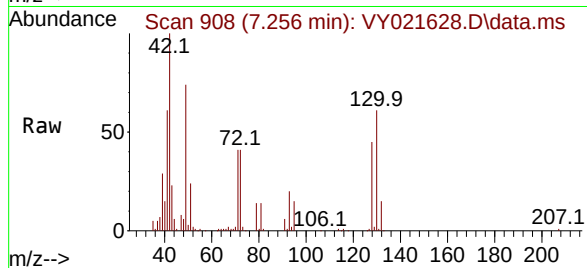
71 42.0 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025

Supervised By :Semsettin Yesilyurt 03/26/2025



#30

Chloroform

Concen: 50.705 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY021628.D

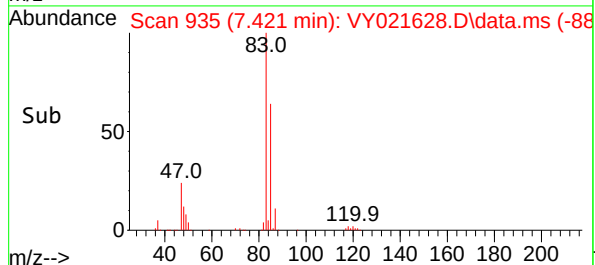
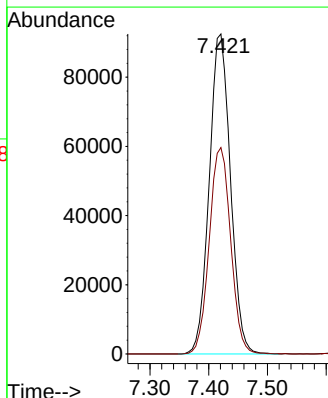
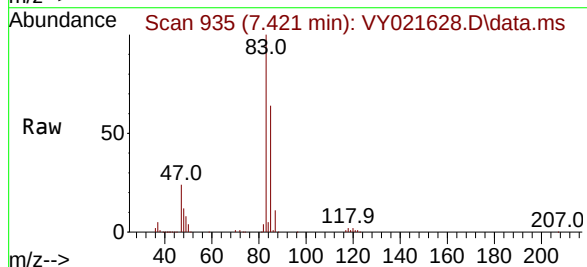
Acq: 25 Mar 2025 11:31

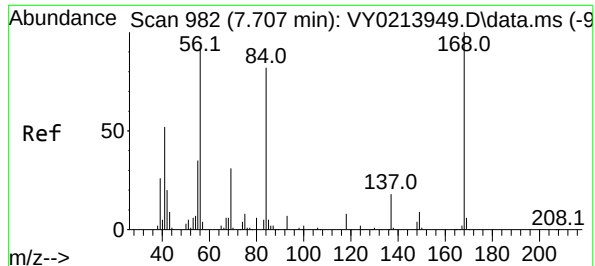
Tgt Ion: 83 Resp: 231820

Ion Ratio Lower Upper

83 100

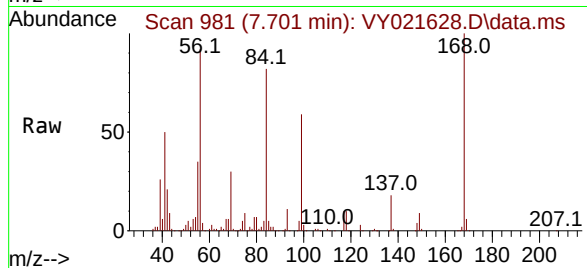
85 64.5 53.1 79.7





#31
Cyclohexane
Concen: 45.400 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

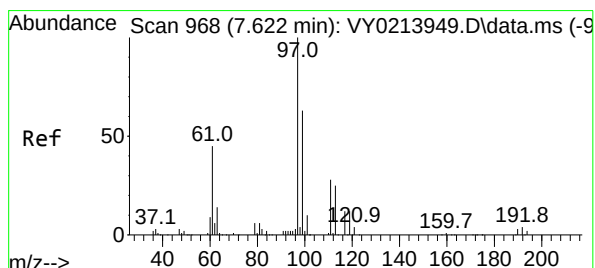
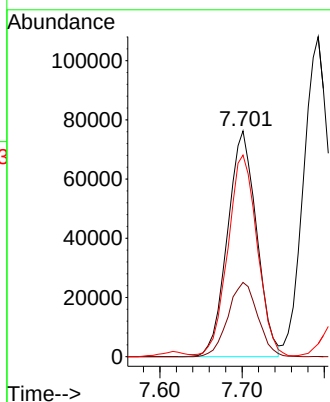
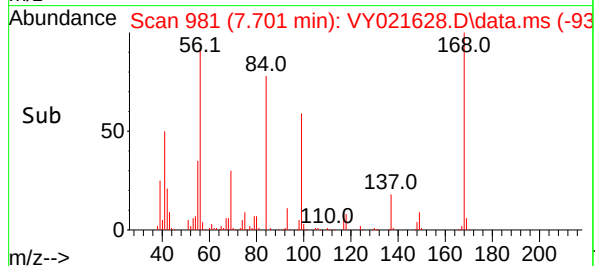
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 187390
Ion Ratio Lower Upper
56 100
69 32.9 27.0 40.4
84 87.4 71.1 106.7

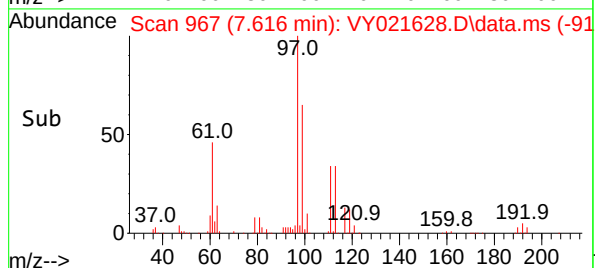
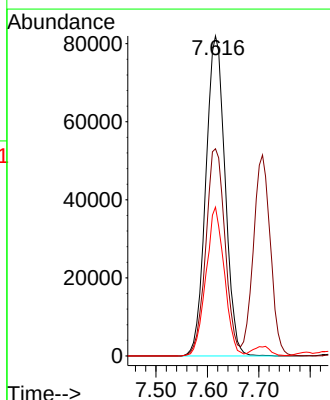
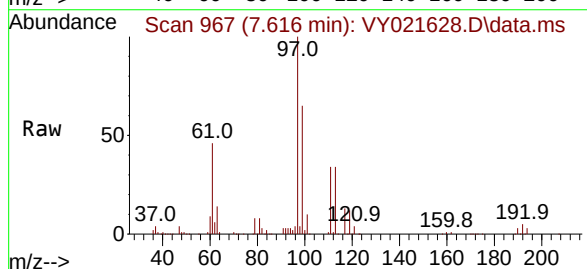
Manual Integrations
APPROVED

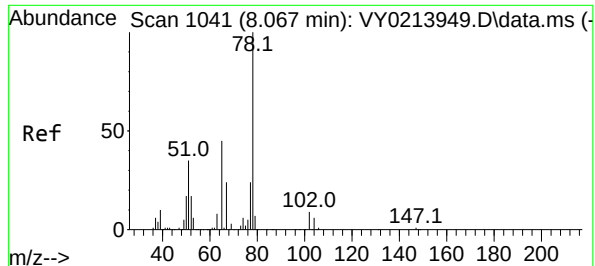
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#32
1,1,1-Trichloroethane
Concen: 50.923 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

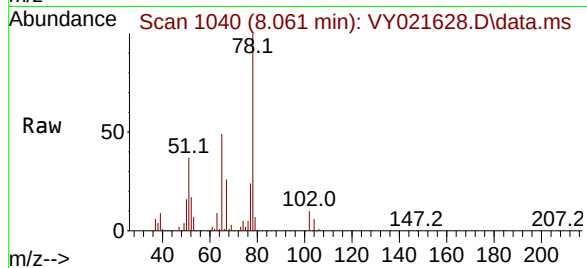
Tgt Ion: 97 Resp: 213175
Ion Ratio Lower Upper
97 100
99 64.9 51.7 77.5
61 44.6 35.7 53.5





#33
1,2-Dichloroethane-d4
Concen: 52.228 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

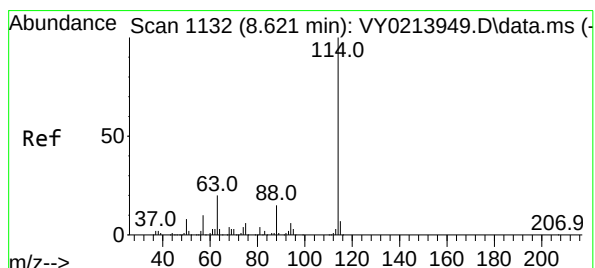
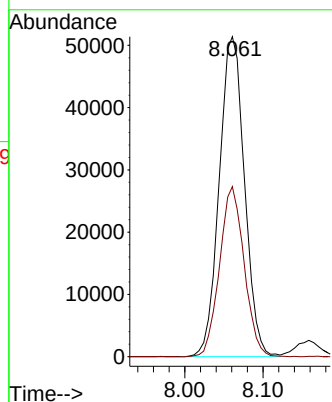
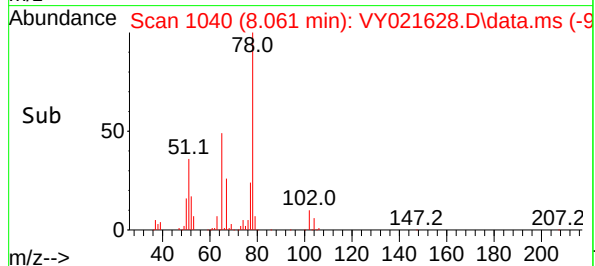
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 65 Resp: 115109
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.8

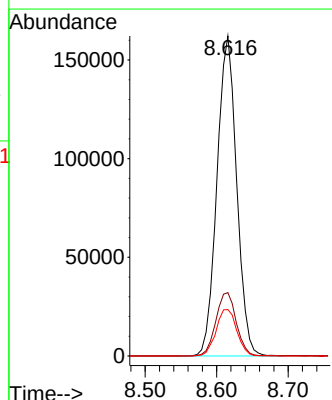
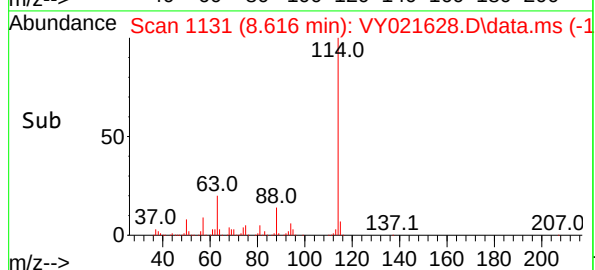
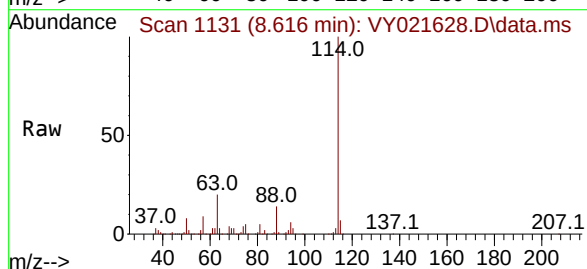
Manual Integrations
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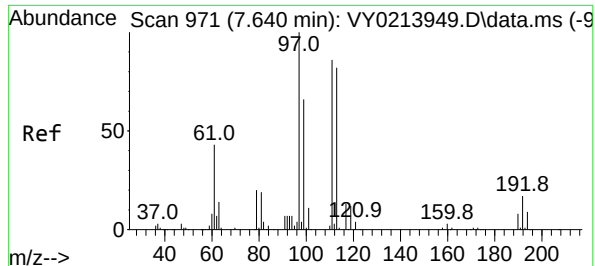
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

Tgt Ion:114 Resp: 310165
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.8
88 14.5 0.0 30.8





#35

Dibromofluoromethane

Concen: 56.399 ug/l

RT: 7.628 min Scan# 9

Delta R.T. -0.012 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 114984

Ion Ratio Lower Upper

113 100

111 101.5 82.0 123.0

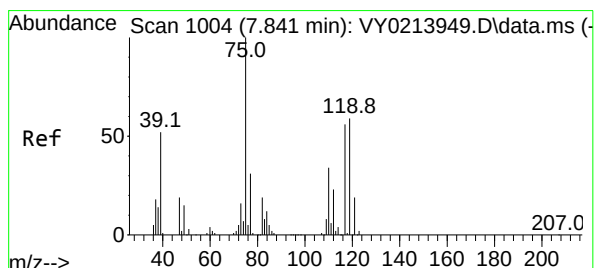
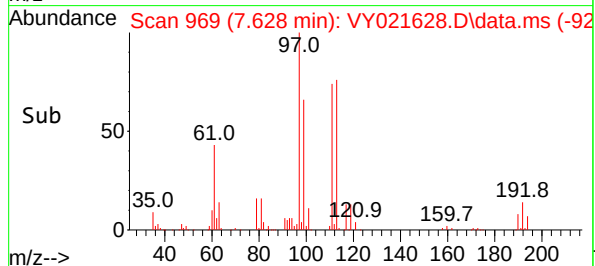
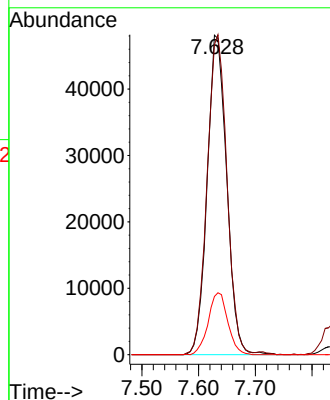
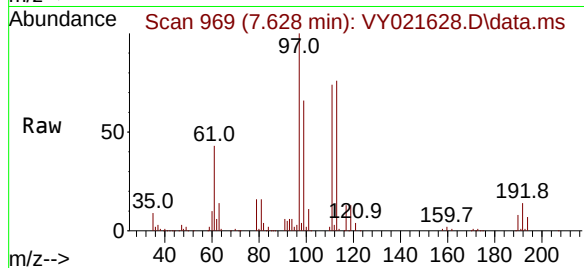
192 19.5 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025

Supervised By :Semsettin Yesilyurt 03/26/2025



#36

1,1-Dichloropropene

Concen: 51.340 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

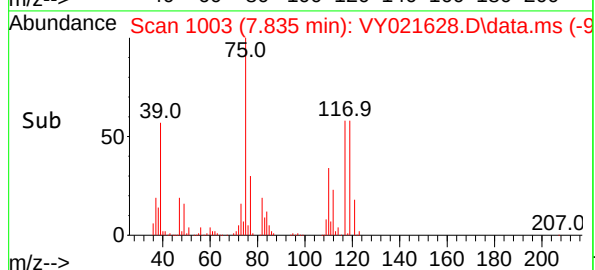
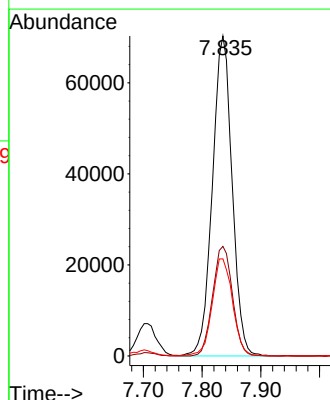
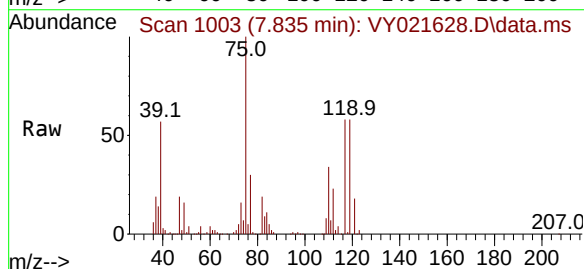
Tgt Ion: 75 Resp: 163842

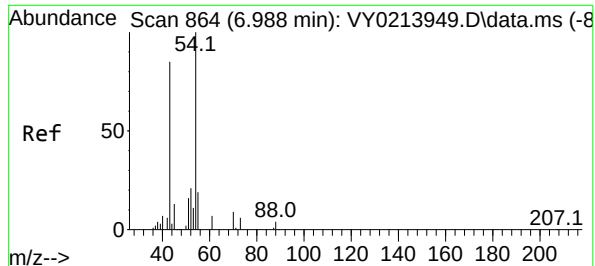
Ion Ratio Lower Upper

75 100

110 34.4 17.3 51.7

77 31.4 25.4 38.2





#37

Ethyl Acetate

Concen: 48.679 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 6866

Ion Ratio Lower Upper

43 100

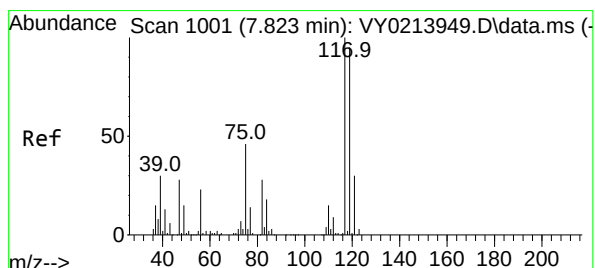
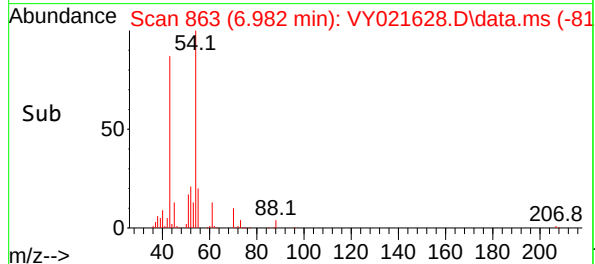
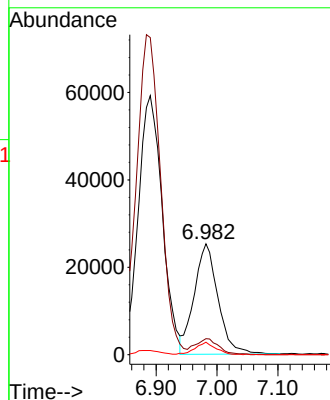
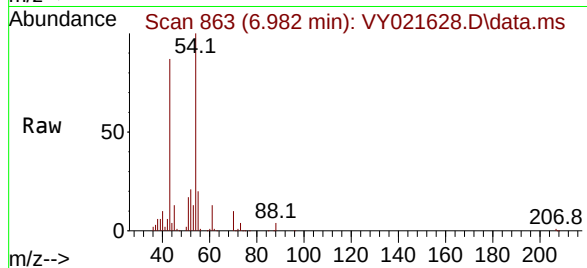
61 14.2 11.4 17.0

70 9.8 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
 Supervised By :Semsettin Yesilyurt 03/26/2025



#38

Carbon Tetrachloride

Concen: 53.591 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

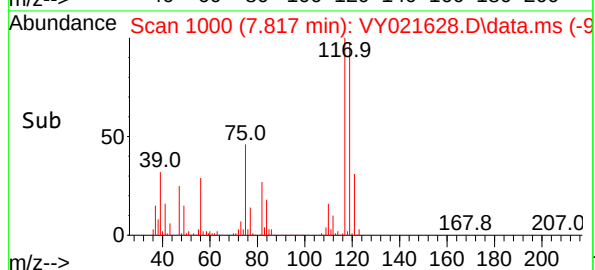
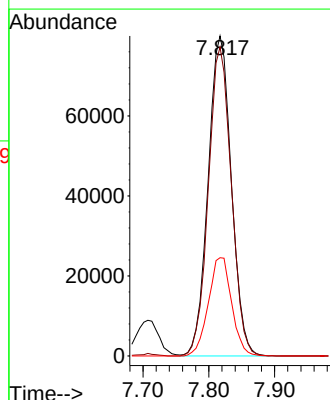
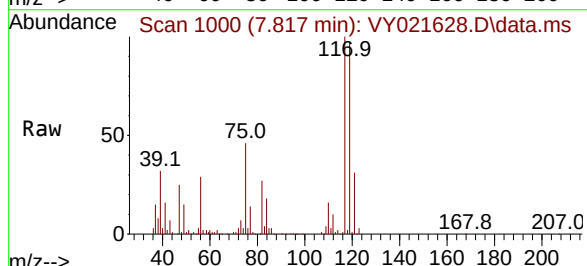
Tgt Ion:117 Resp: 196693

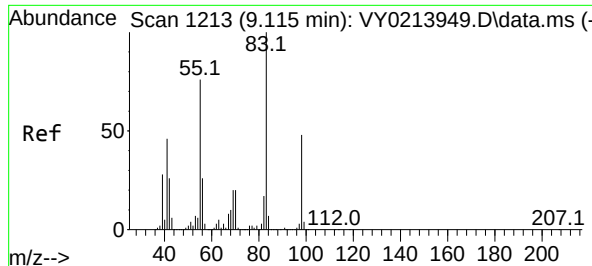
Ion Ratio Lower Upper

117 100

119 96.5 75.8 113.8

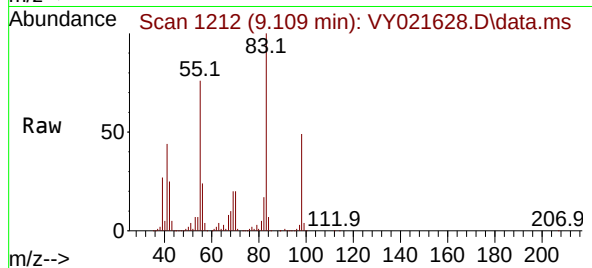
121 30.7 23.9 35.9





#39
Methylcyclohexane
Concen: 51.675 ug/l
RT: 9.109 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

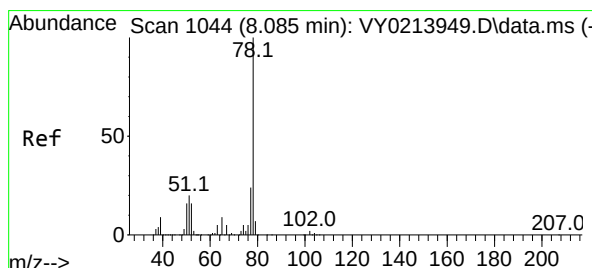
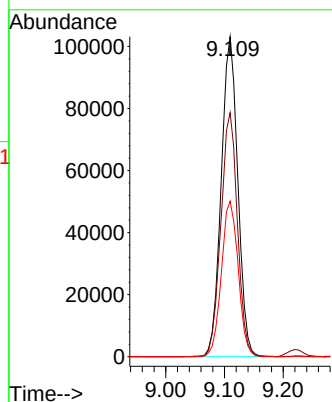
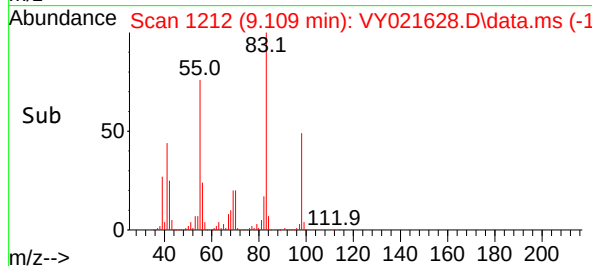
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 202283
Ion Ratio Lower Upper
83 100
55 76.3 60.7 91.1
98 48.6 38.6 57.8

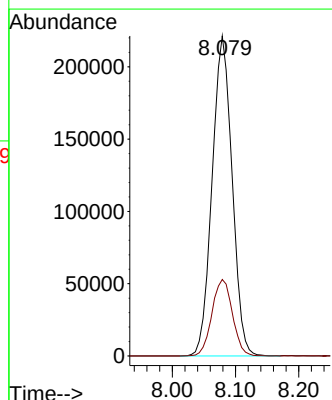
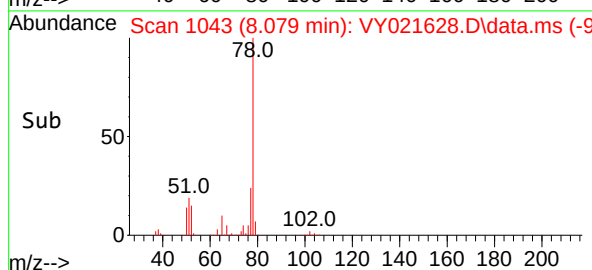
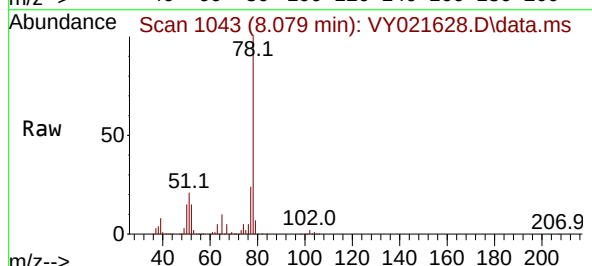
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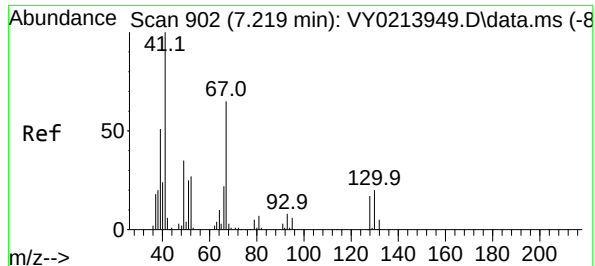
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#40
Benzene
Concen: 51.644 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

Tgt Ion: 78 Resp: 485497
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4





#41

Methacrylonitrile

Concen: 51.156 ug/l

RT: 7.213 min Scan# 902

Delta R.T. -0.006 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 39289

Ion Ratio Lower Upper

41 100

39 53.8 35.0 52.6

67 72.7 61.2 91.8

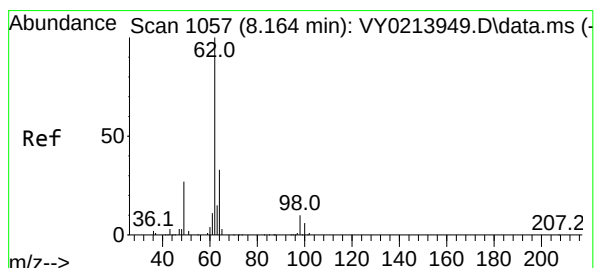
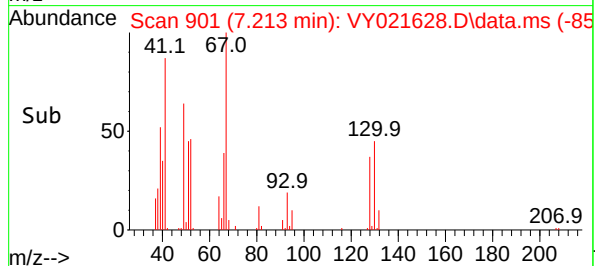
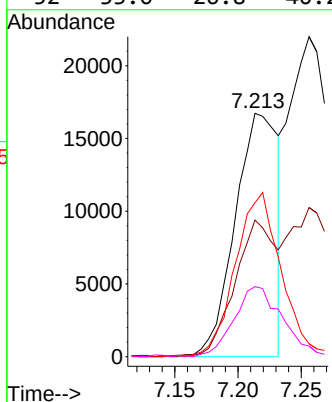
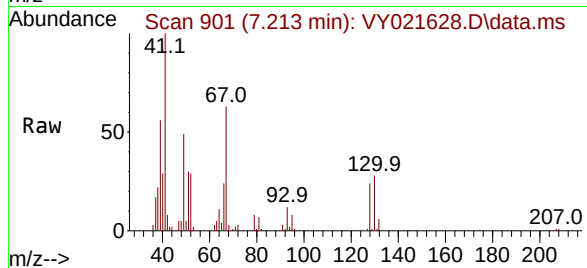
52 33.0 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025

Supervised By :Semsettin Yesilyurt 03/26/2025



#42

1,2-Dichloroethane

Concen: 50.288 ug/l

RT: 8.158 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VY021628.D

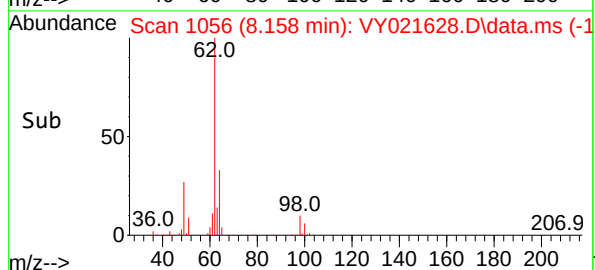
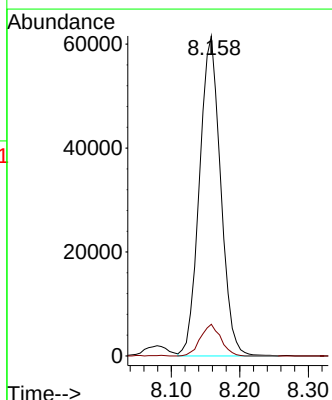
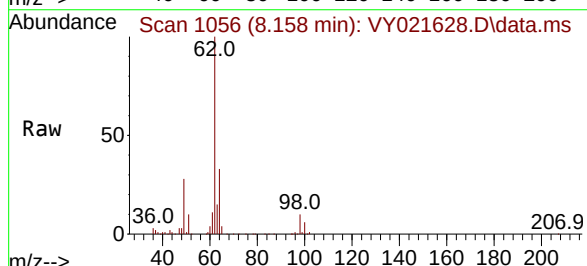
Acq: 25 Mar 2025 11:31

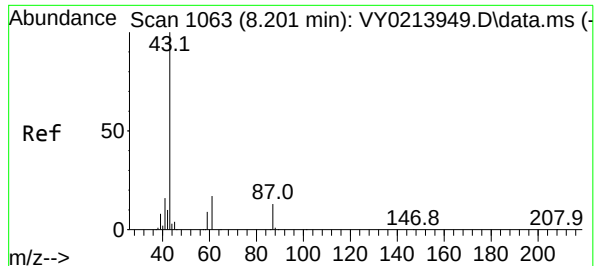
Tgt Ion: 62 Resp: 132253

Ion Ratio Lower Upper

62 100

98 9.5 0.0 18.2





#43

Isopropyl Acetate

Concen: 48.593 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

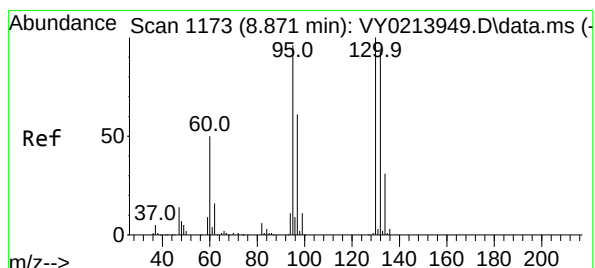
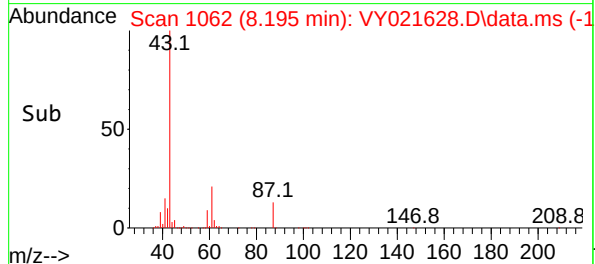
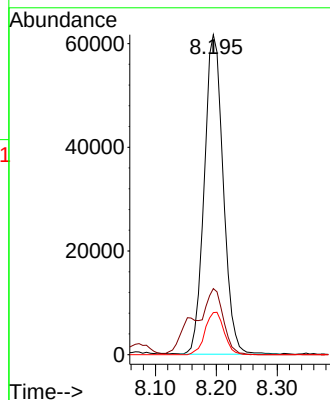
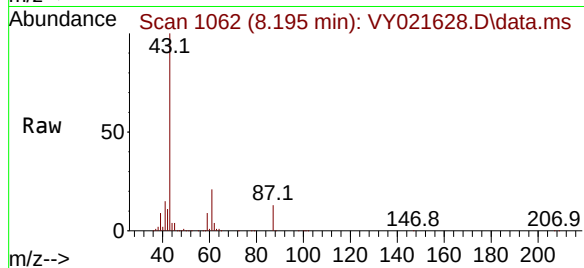
VSTDCCC050

Tgt Ion:	43	Resp:	13305
Ion	Ratio	Lower	Upper
43	100		
61	20.3	23.4	35.0
87	13.3	10.5	15.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#44

Trichloroethene

Concen: 53.070 ug/l

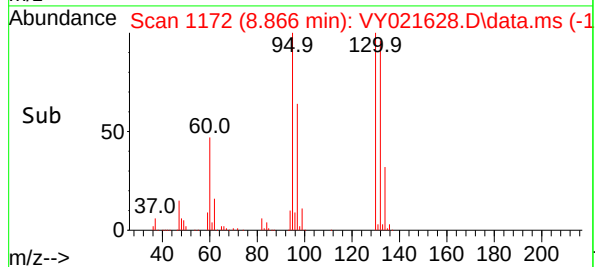
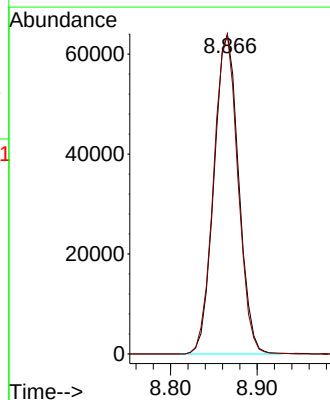
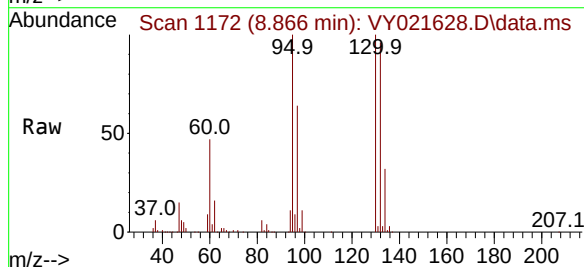
RT: 8.866 min Scan# 1172

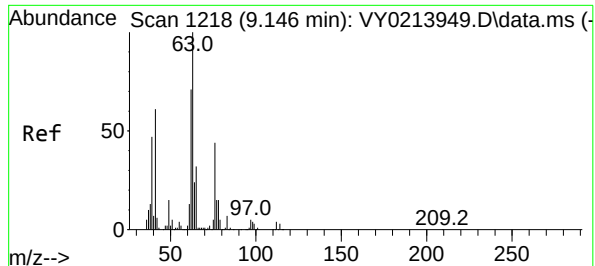
Delta R.T. -0.006 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

Tgt Ion:	130	Resp:	126073
Ion	Ratio	Lower	Upper
130	100		
95	99.9	0.0	191.6





#45

1,2-Dichloropropane

Concen: 52.938 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 11844

Ion Ratio Lower Upper

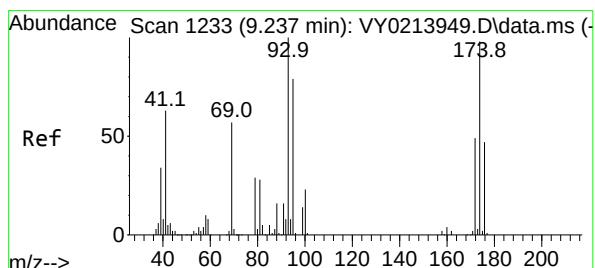
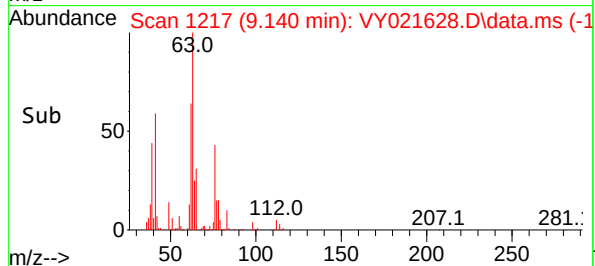
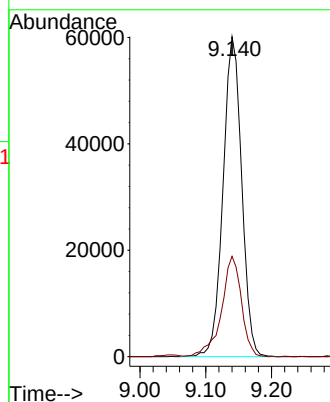
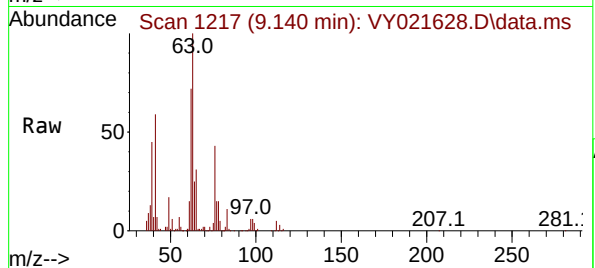
63 100

65 31.3 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
 Supervised By :Semsettin Yesilyurt 03/26/2025



#46

Dibromomethane

Concen: 51.326 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

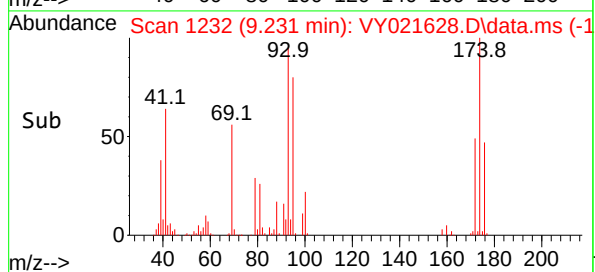
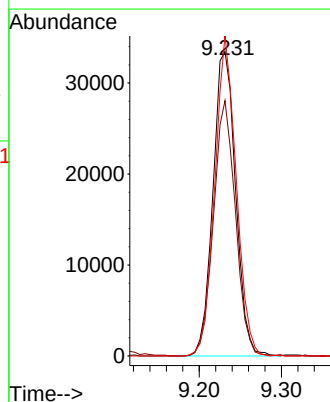
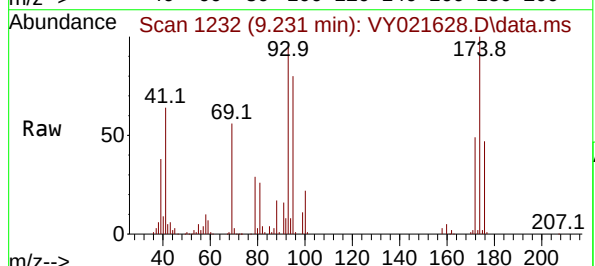
Tgt Ion: 93 Resp: 63897

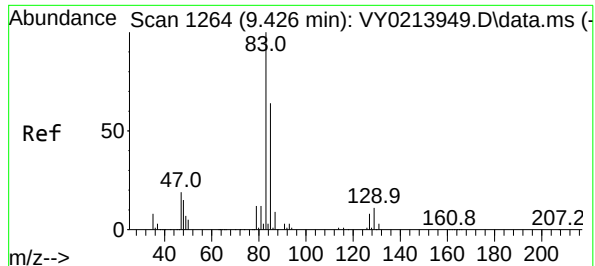
Ion Ratio Lower Upper

93 100

95 81.8 65.8 98.8

174 99.7 77.9 116.9





#47

Bromodichloromethane

Concen: 53.063 ug/l

RT: 9.420 min Scan# 1264

Delta R.T. -0.006 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 175430

Ion Ratio Lower Upper

83 100

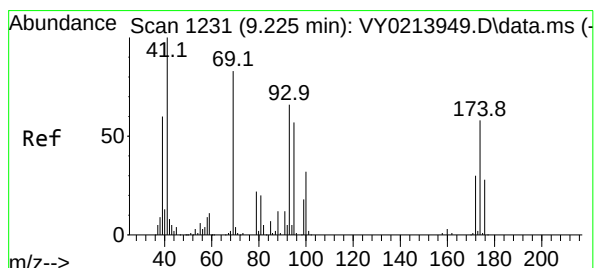
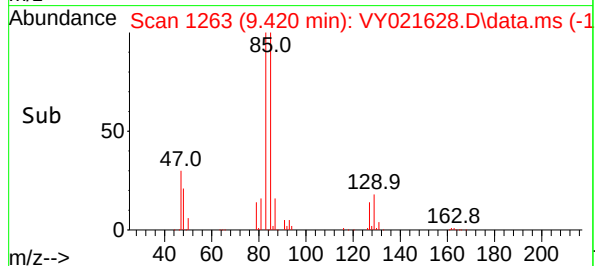
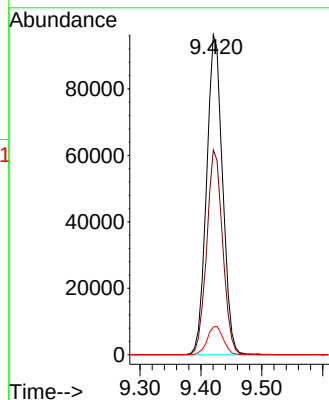
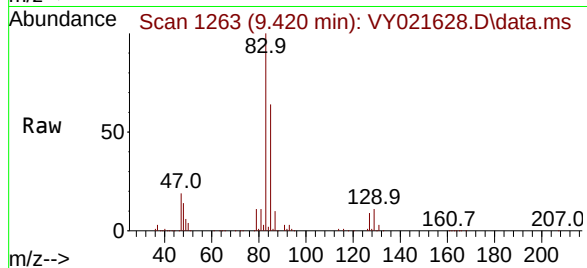
85 64.0 51.1 76.7

127 8.7 6.7 10.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
 Supervised By :Semsettin Yesilyurt 03/26/2025



#48

Methyl methacrylate

Concen: 51.952 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.006 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

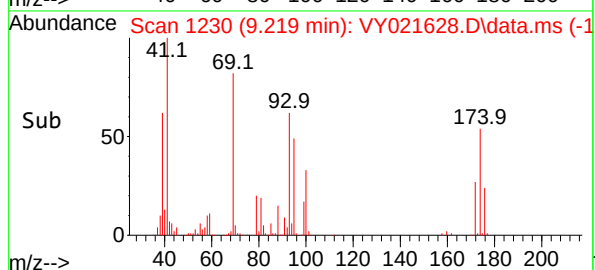
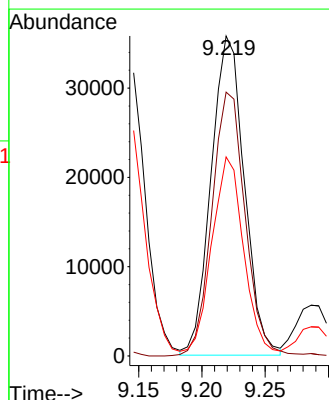
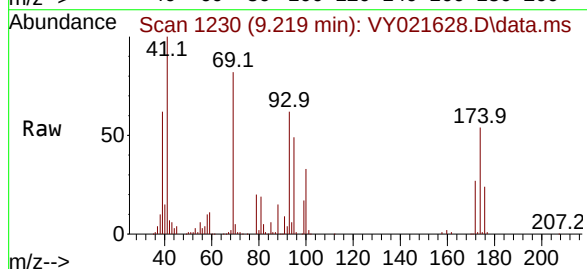
Tgt Ion: 41 Resp: 65322

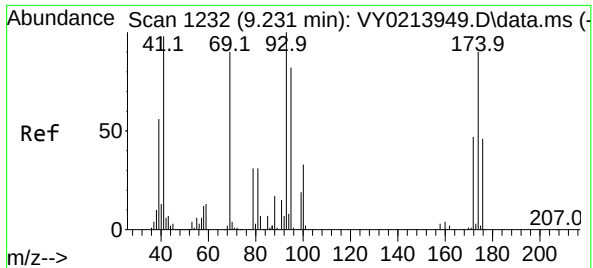
Ion Ratio Lower Upper

41 100

69 83.0 67.8 101.8

39 57.3 46.4 69.6





#49

1,4-Dioxane

Concen: 1132.801 ug/l

RT: 9.225 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 1384

Ion Ratio Lower Upper

88 100

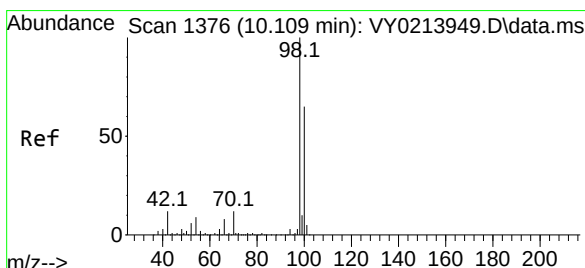
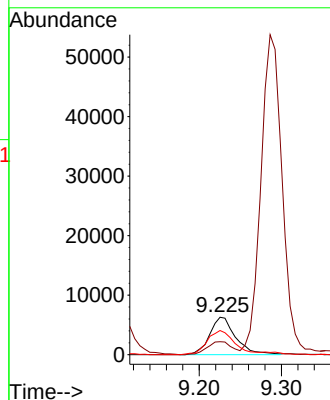
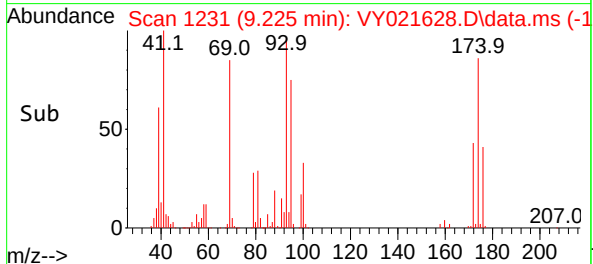
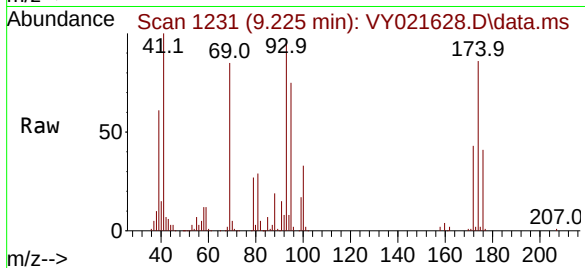
43 33.6 25.0 37.4

58 67.7 58.4 87.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#50

Toluene-d8

Concen: 55.553 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021628.D

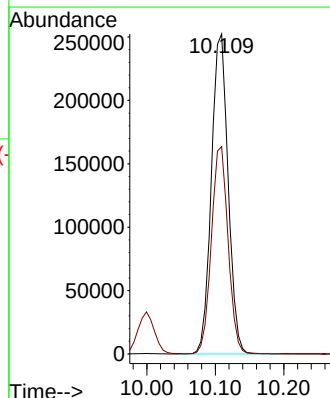
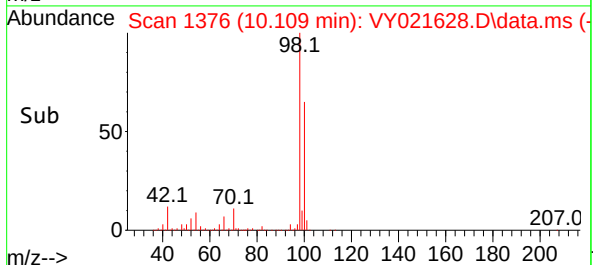
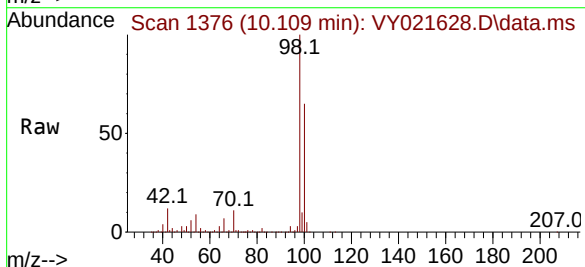
Acq: 25 Mar 2025 11:31

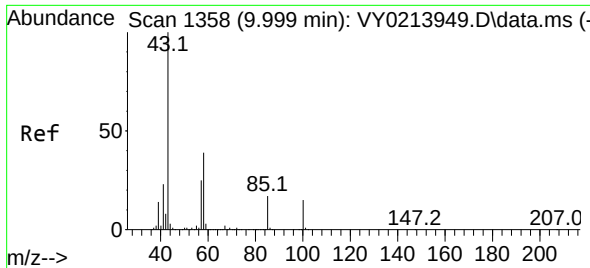
Tgt Ion: 98 Resp: 428835

Ion Ratio Lower Upper

98 100

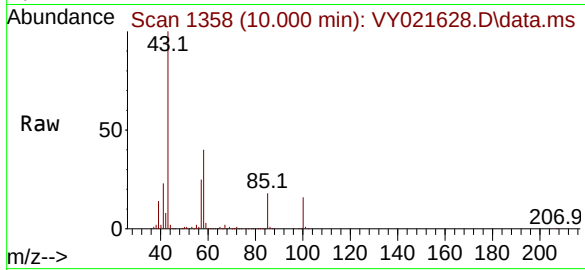
100 64.8 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 252.958 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

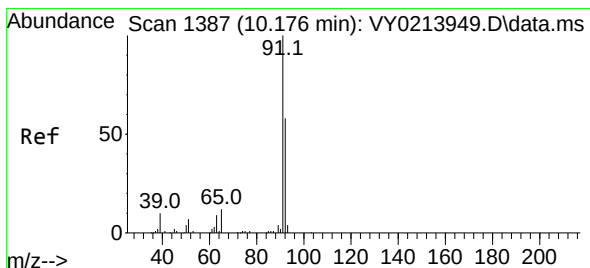
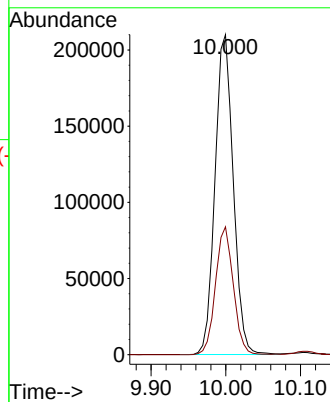
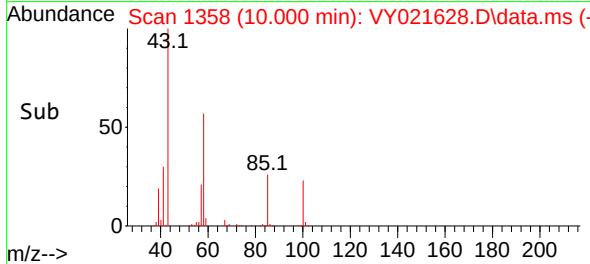
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 357380
Ion Ratio Lower Upper
43 100
58 39.0 31.4 47.2

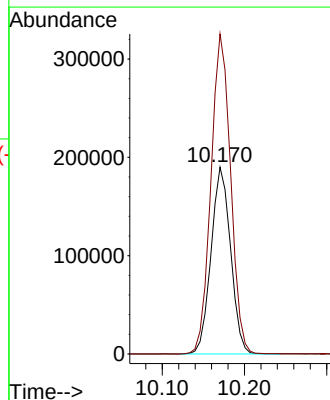
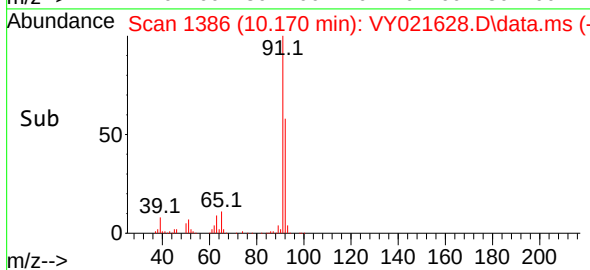
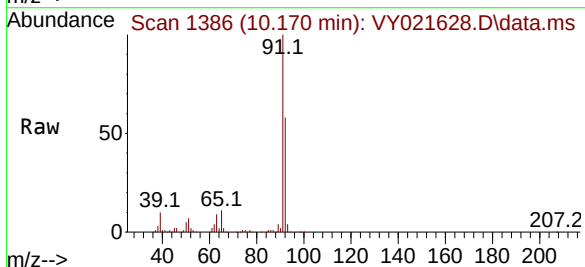
Manual Integrations
APPROVED

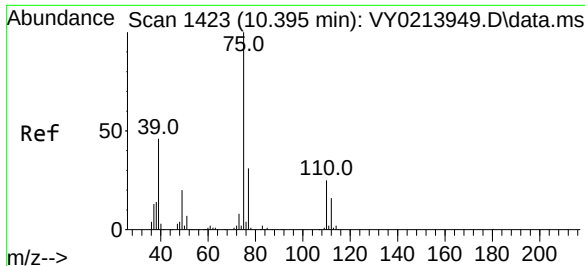
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#52
Toluene
Concen: 52.890 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

Tgt Ion: 92 Resp: 313470
Ion Ratio Lower Upper
92 100
91 172.7 138.2 207.2





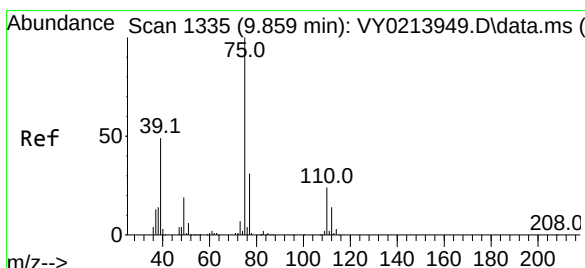
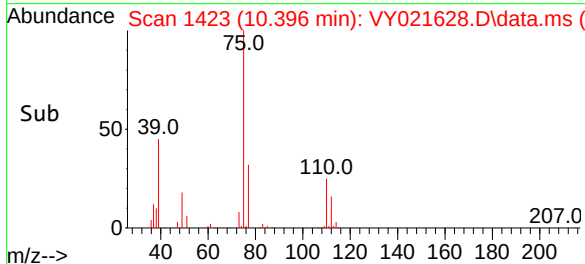
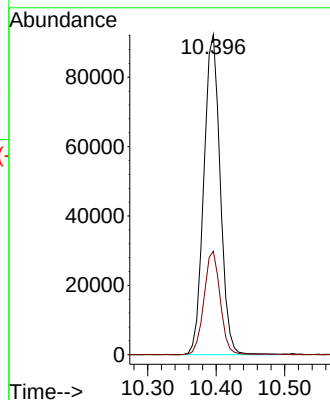
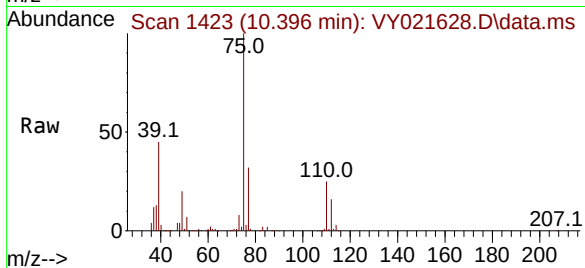
#53
 t-1,3-Dichloropropene
 Concen: 52.794 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY021628.D
 Acq: 25 Mar 2025 11:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 153774
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.0 37.6

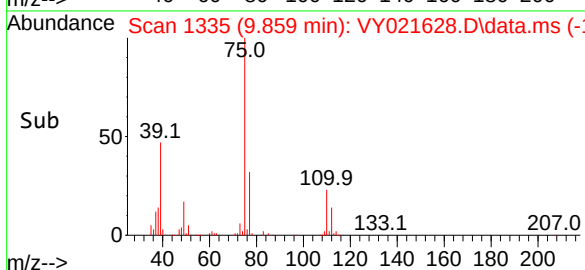
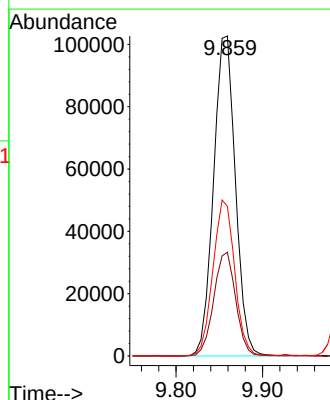
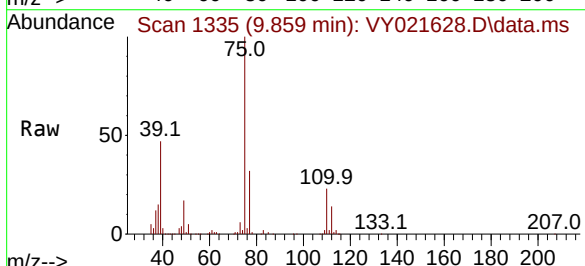
Manual Integrations
 APPROVED

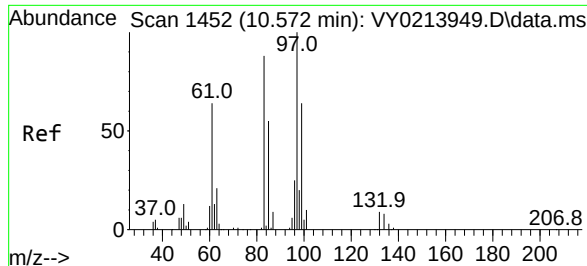
Reviewed By :Mahesh Dadoda 03/26/2025
 Supervised By :Semsettin Yesilyurt 03/26/2025



#54
 cis-1,3-Dichloropropene
 Concen: 52.104 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: VY021628.D
 Acq: 25 Mar 2025 11:31

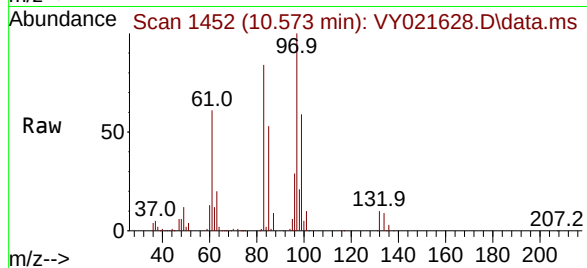
Tgt Ion: 75 Resp: 180186
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.6 37.0
 39 46.8 39.4 59.2





#55
1,1,2-Trichloroethane
Concen: 52.554 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

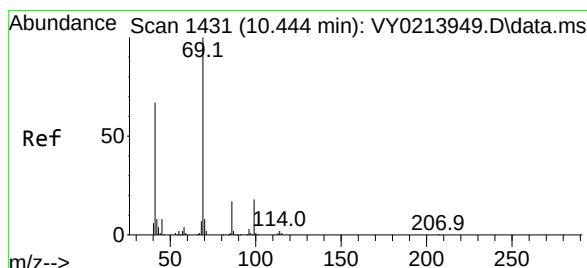
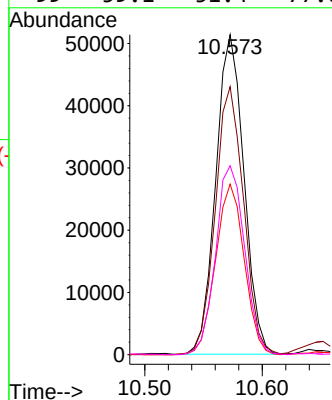
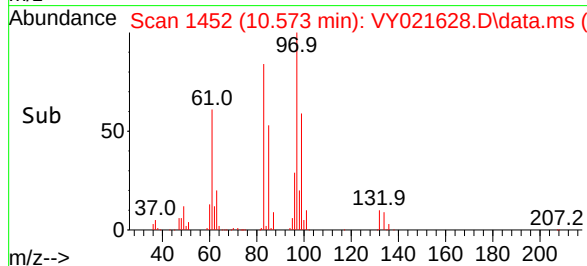
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 8558
Ion Ratio Lower Upper
97 100
83 83.7 70.0 105.0
85 53.4 44.3 66.5
99 59.1 51.4 77.0

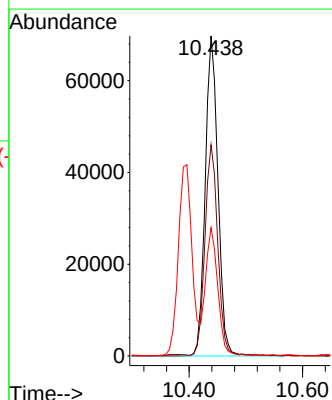
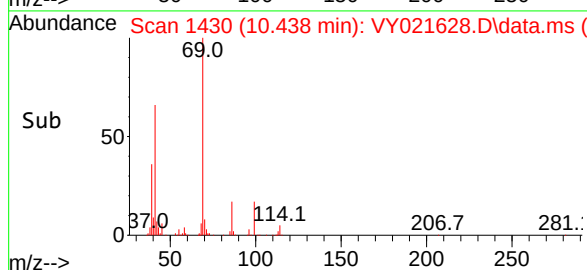
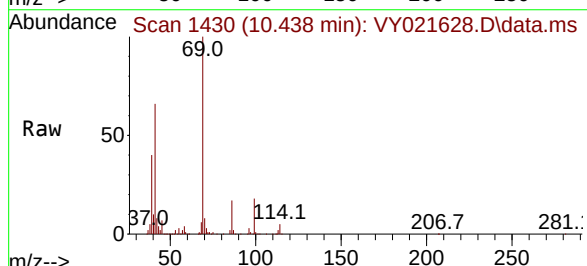
Manual Integrations
APPROVED

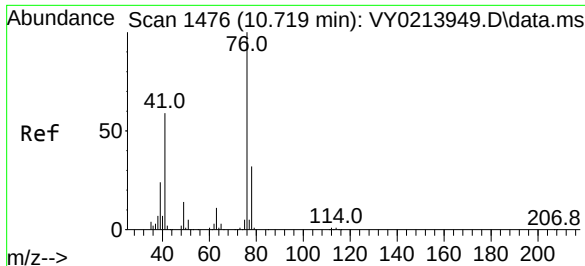
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#56
Ethyl methacrylate
Concen: 52.374 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

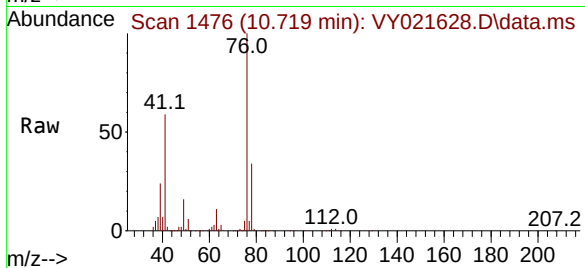
Tgt Ion: 69 Resp: 108774
Ion Ratio Lower Upper
69 100
41 66.1 53.3 79.9
39 37.6 31.0 46.6





#57
1,3-Dichloropropane
Concen: 51.256 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

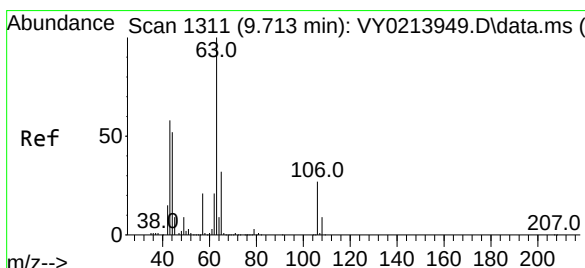
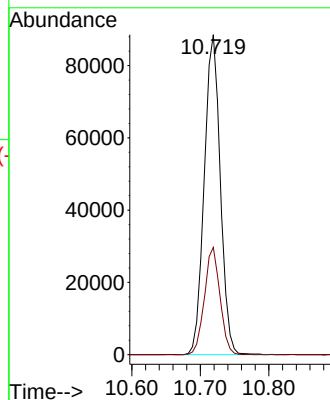
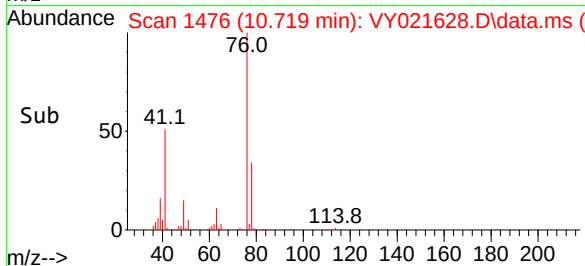
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 14466
Ion Ratio Lower Upper
76 100
78 32.5 26.3 39.5

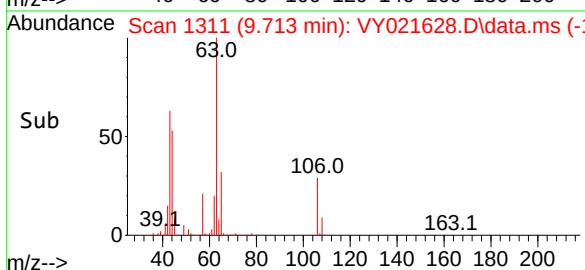
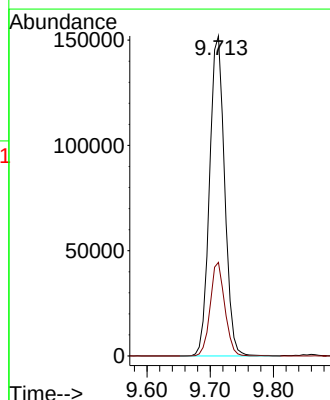
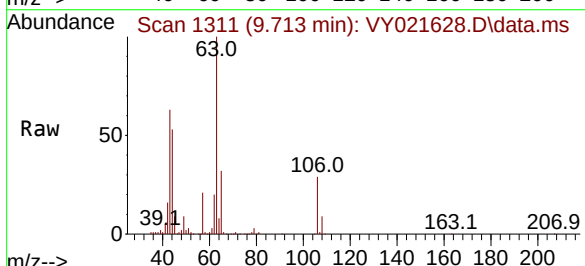
Manual Integrations
APPROVED

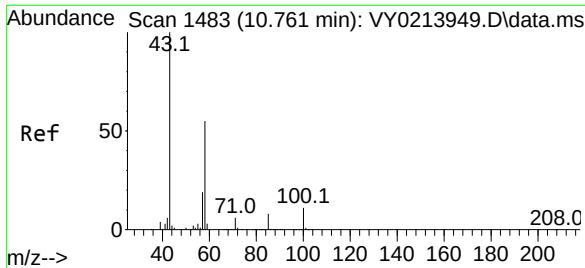
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#58
2-Chloroethyl Vinyl ether
Concen: 262.508 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

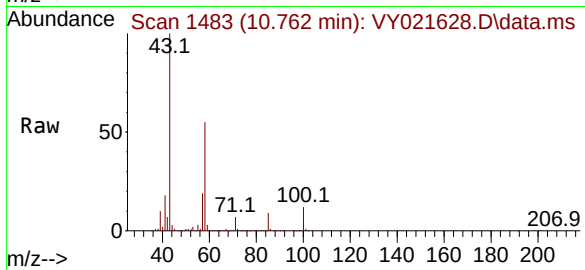
Tgt Ion: 63 Resp: 251677
Ion Ratio Lower Upper
63 100
106 28.3 22.1 33.1





#59
2-Hexanone
Concen: 265.418 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

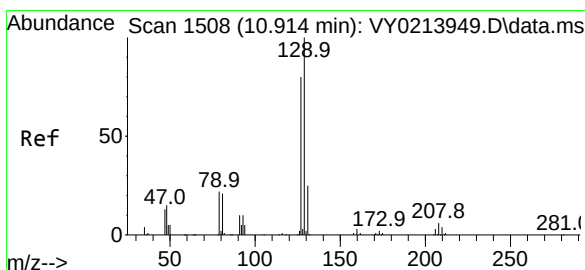
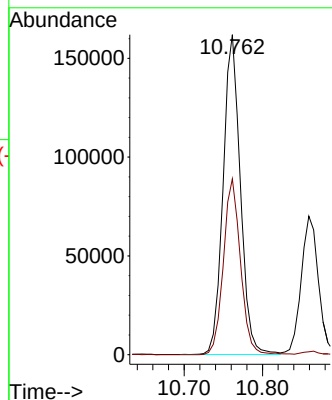
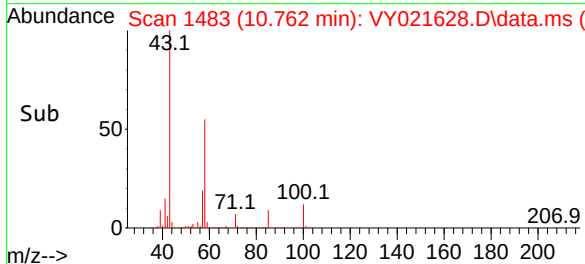
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 247948
Ion Ratio Lower Upper
43 100
58 54.6 27.3 81.8

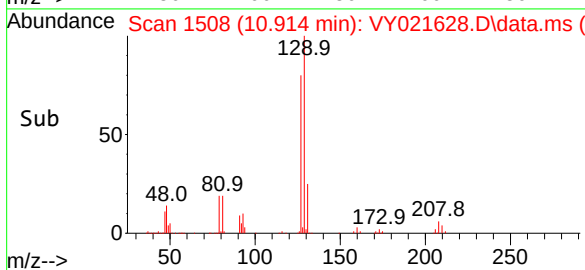
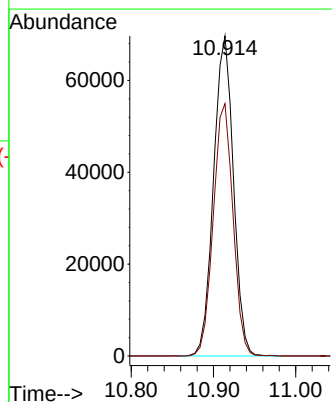
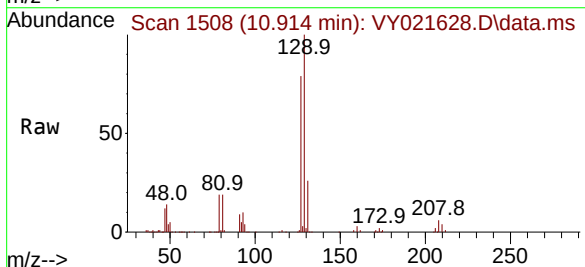
Manual Integrations
APPROVED

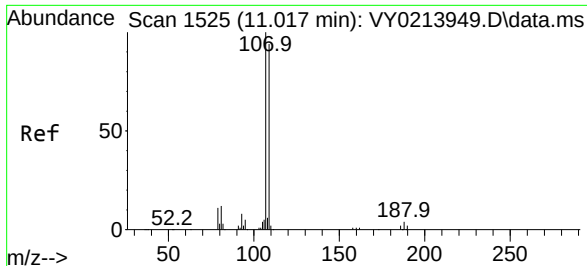
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#60
Dibromochloromethane
Concen: 52.288 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

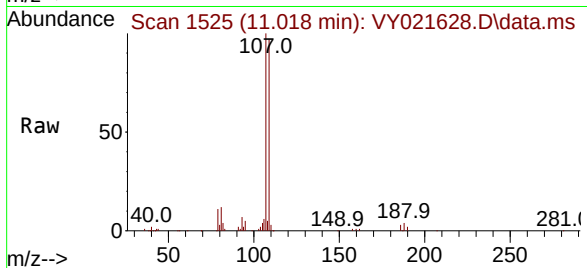
Tgt Ion:129 Resp: 116734
Ion Ratio Lower Upper
129 100
127 78.5 39.1 117.3





#61
1,2-Dibromoethane
Concen: 50.227 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

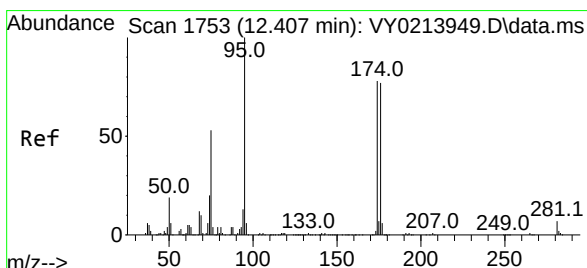
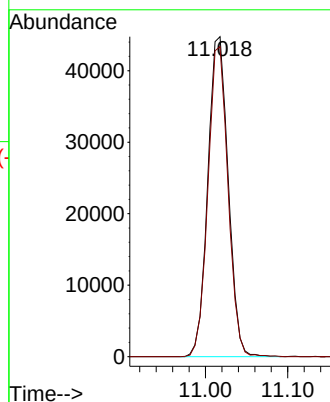
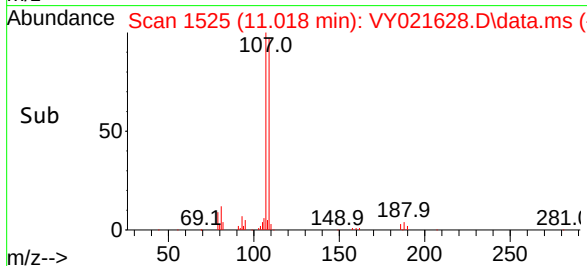
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 77190
Ion Ratio Lower Upper
107 100
109 95.3 75.8 113.8

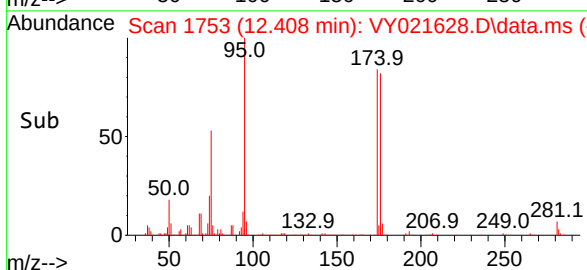
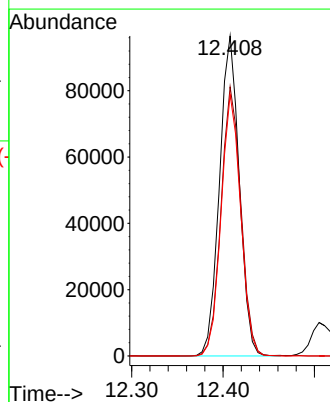
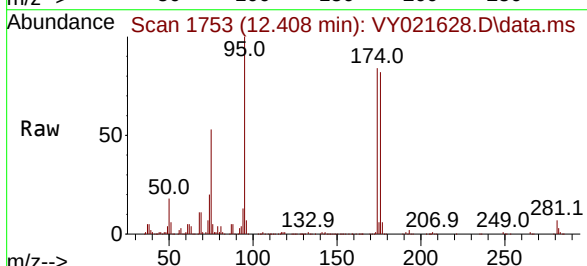
Manual Integrations
APPROVED

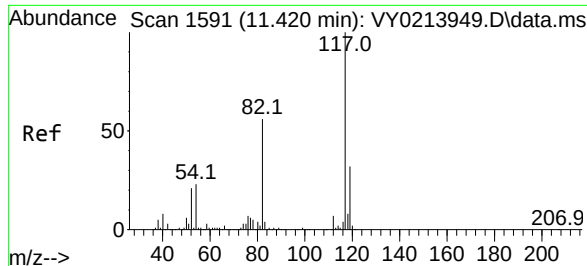
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#62
4-Bromofluorobenzene
Concen: 55.304 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

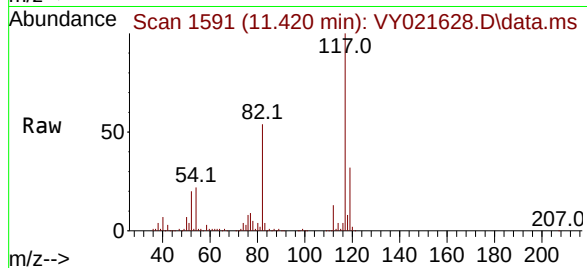
Tgt Ion: 95 Resp: 145218
Ion Ratio Lower Upper
95 100
174 84.8 0.0 165.0
176 80.8 0.0 160.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

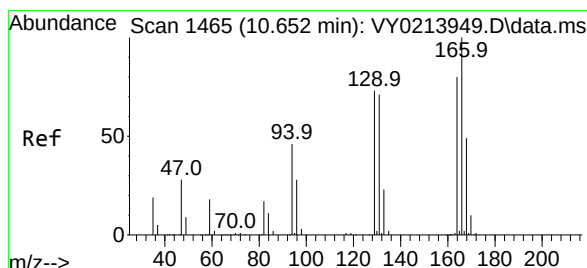
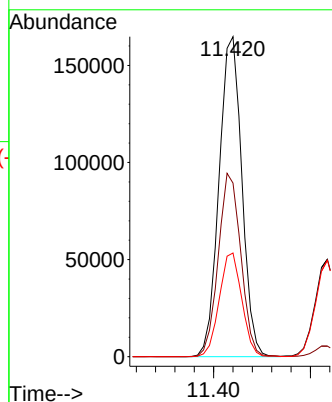
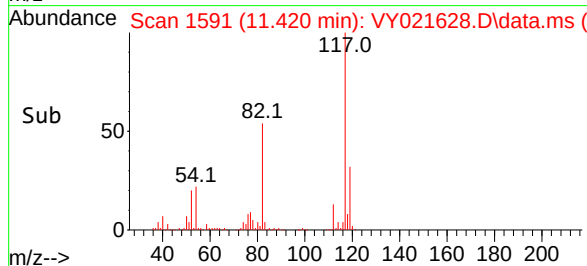
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 269500
Ion Ratio Lower Upper
117 100
82 54.2 44.6 67.0
119 32.4 25.4 38.0

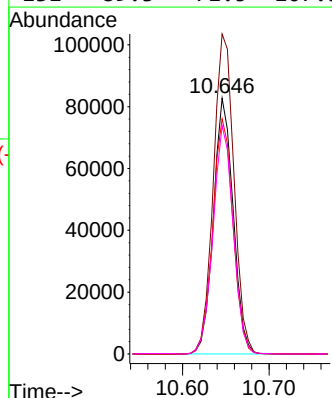
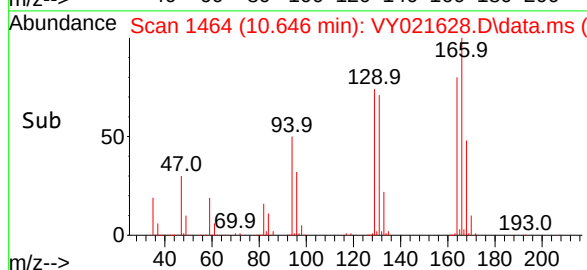
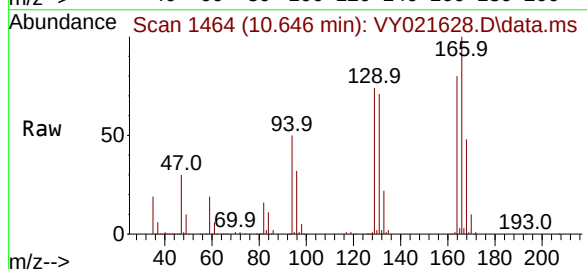
Manual Integrations
APPROVED

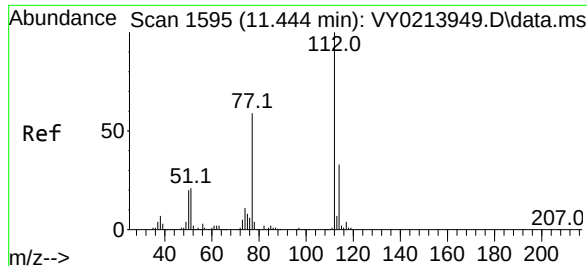
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#64
Tetrachloroethene
Concen: 59.749 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

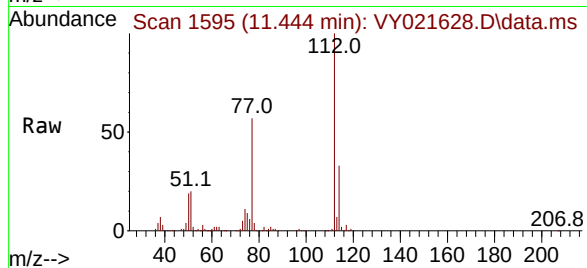
Tgt Ion:164 Resp: 130942
Ion Ratio Lower Upper
164 100
166 125.2 100.4 150.6
129 92.0 73.8 110.8
131 89.3 71.5 107.3





#65
Chlorobenzene
Concen: 52.825 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

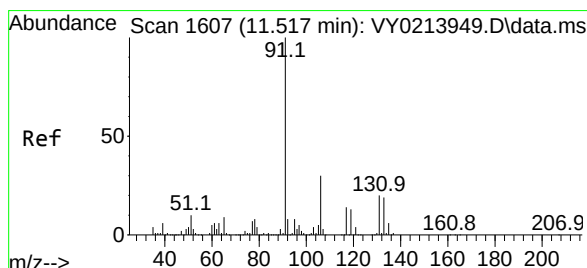
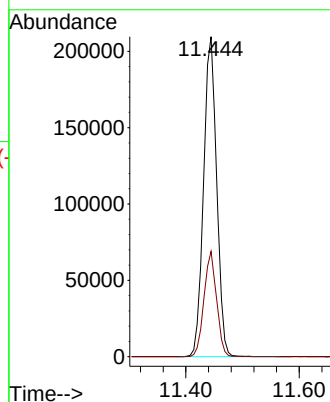
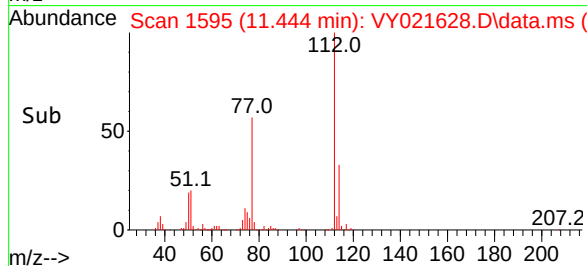
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



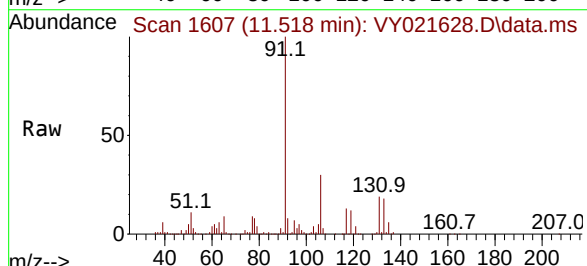
Tgt Ion:112 Resp: 336192
Ion Ratio Lower Upper
112 100
114 32.9 26.1 39.1

Manual Integrations
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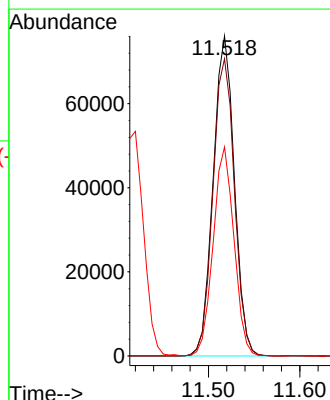
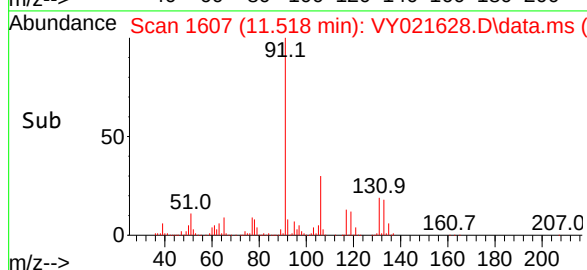
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025

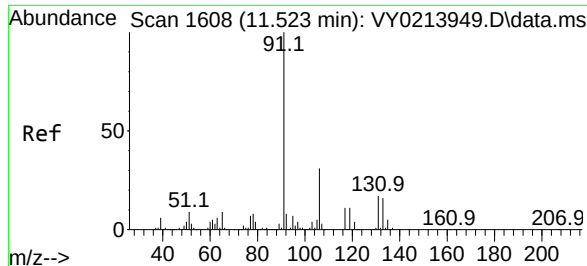


#66
1,1,1,2-Tetrachloroethane
Concen: 54.521 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31



Tgt Ion:131 Resp: 122676
Ion Ratio Lower Upper
131 100
133 94.5 47.6 142.9
119 64.1 32.3 96.9





#67

Ethyl Benzene

Concen: 54.162 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 605019

Ion Ratio Lower Upper

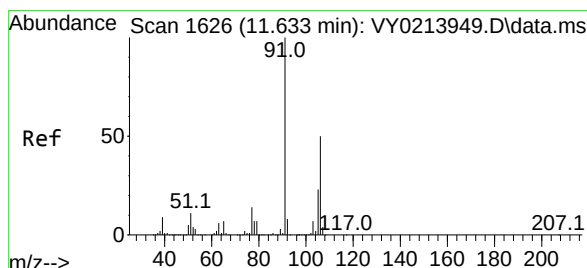
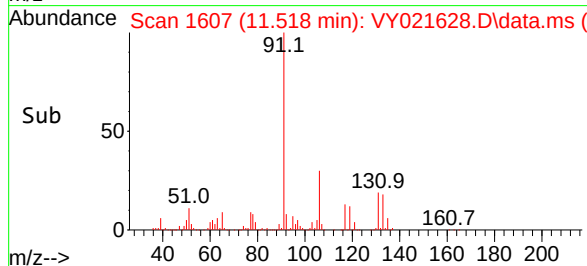
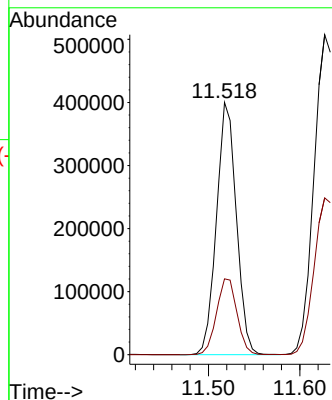
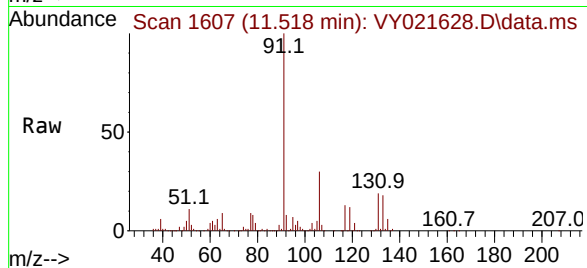
91 100

106 30.1 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
 Supervised By :Semsettin Yesilyurt 03/26/2025



#68

m/p-Xylenes

Concen: 109.365 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021628.D

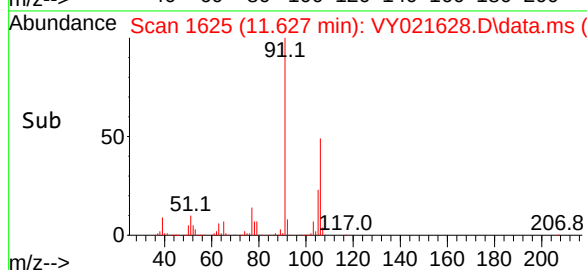
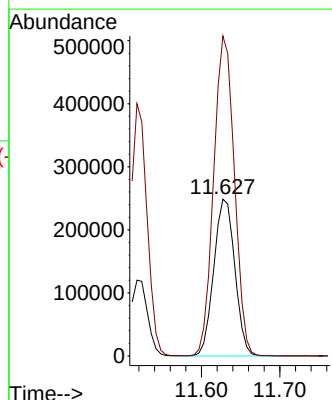
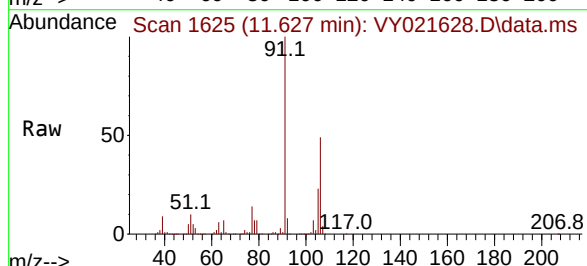
Acq: 25 Mar 2025 11:31

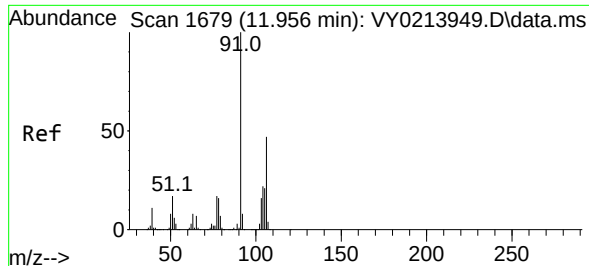
Tgt Ion:106 Resp: 463807

Ion Ratio Lower Upper

106 100

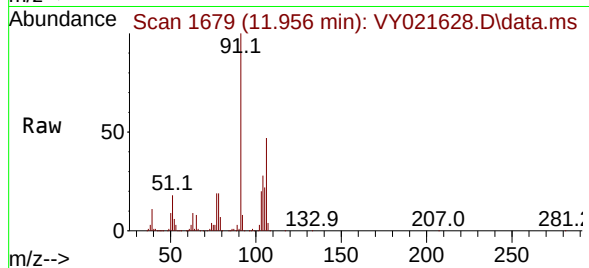
91 201.4 161.7 242.5





#69
o-Xylene
Concen: 54.602 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

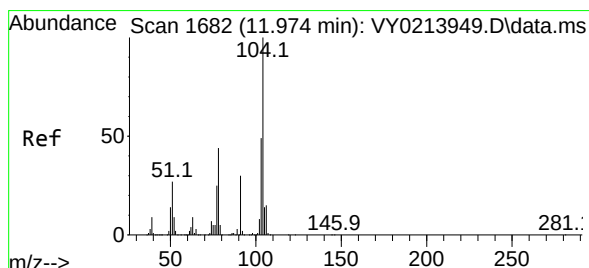
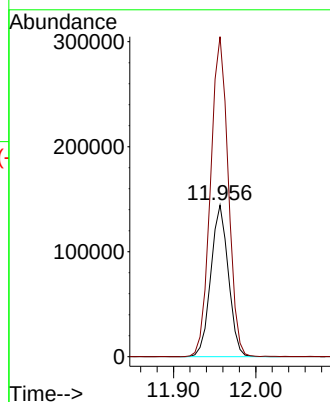
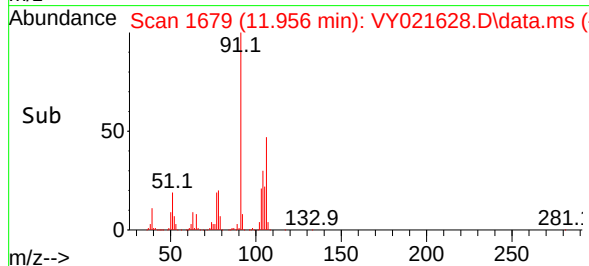
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 213418
Ion Ratio Lower Upper
106 100
91 214.1 107.6 322.8

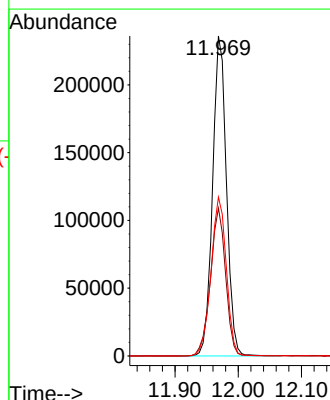
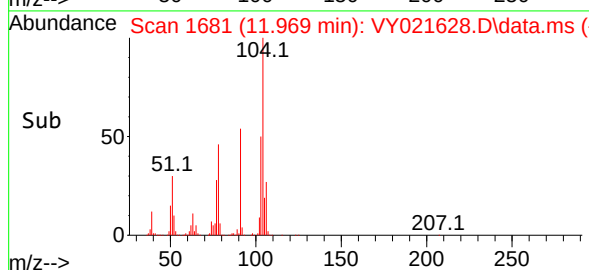
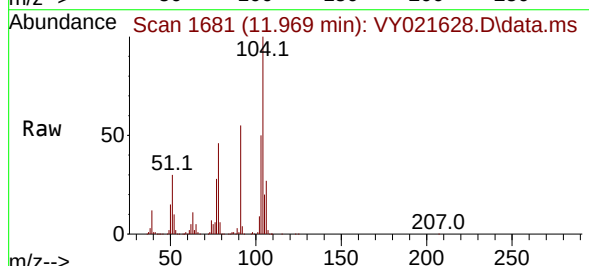
Manual Integrations
APPROVED

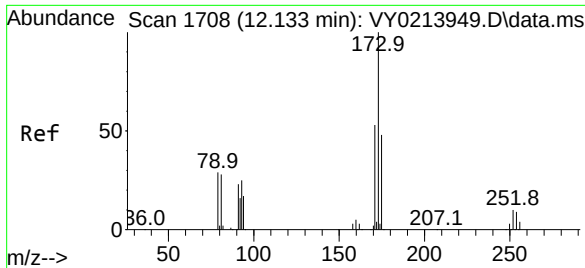
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#70
Styrene
Concen: 55.578 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

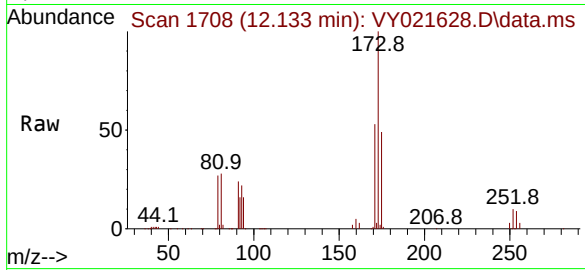
Tgt Ion:104 Resp: 360376
Ion Ratio Lower Upper
104 100
78 50.4 40.7 61.1
103 54.9 44.1 66.1





#71
Bromoform
Concen: 53.246 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

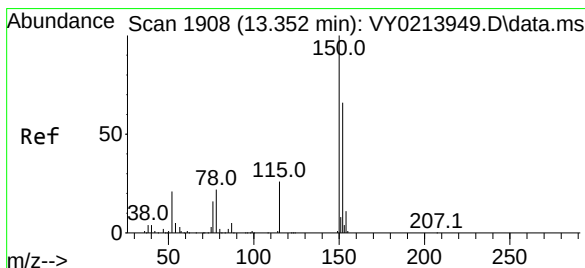
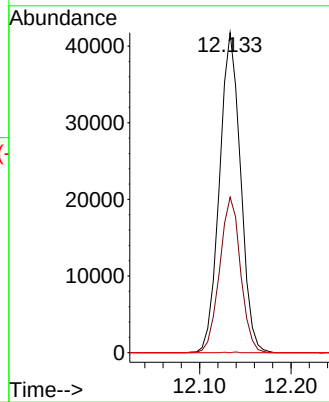
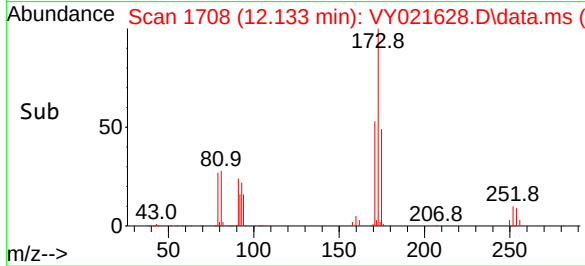
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 66974
Ion Ratio Lower Upper
173 100
175 48.1 23.9 71.7
254 0.1 0.1 0.1

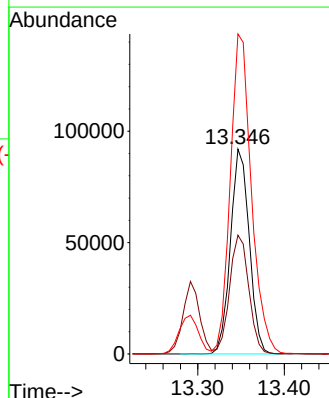
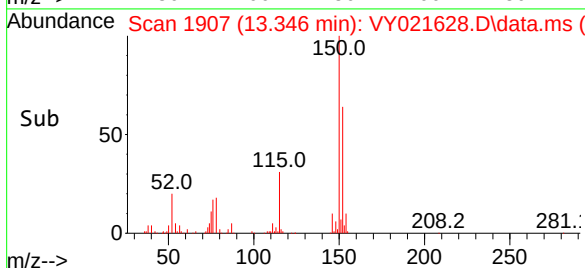
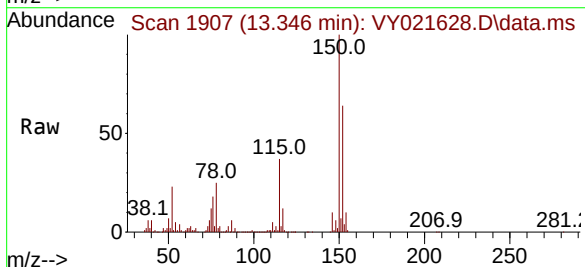
Manual Integrations
APPROVED

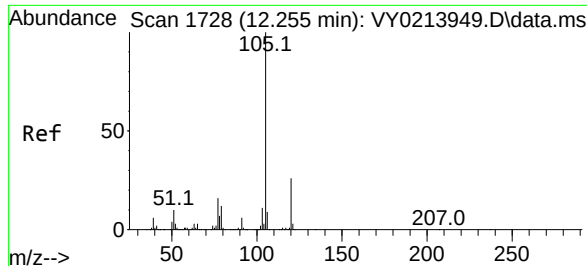
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

Tgt Ion:152 Resp: 138648
Ion Ratio Lower Upper
152 100
115 59.3 29.0 87.0
150 175.2 0.0 347.2





#73

Isopropylbenzene

Concen: 53.844 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 58806

Ion Ratio Lower Upper

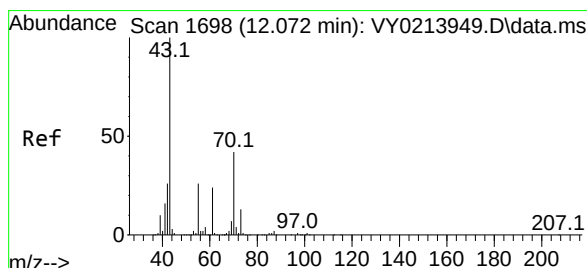
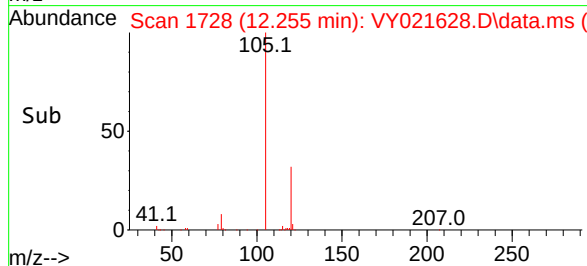
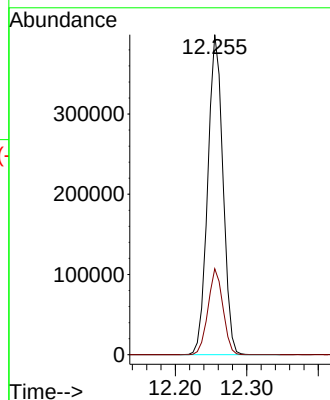
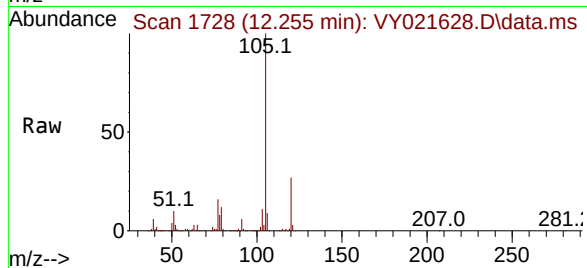
105 100

120 26.4 13.1 39.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
 Supervised By :Semsettin Yesilyurt 03/26/2025



#74

N-ethyl acetate

Concen: 49.694 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

Tgt Ion: 43 Resp: 117870

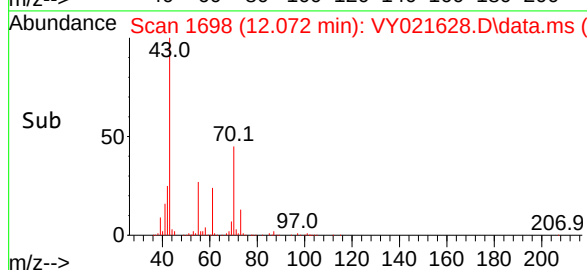
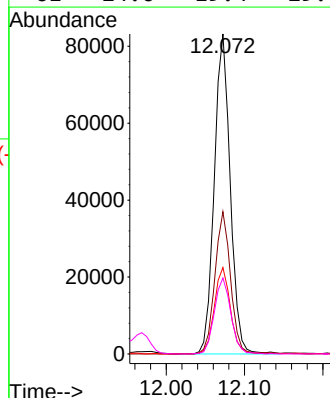
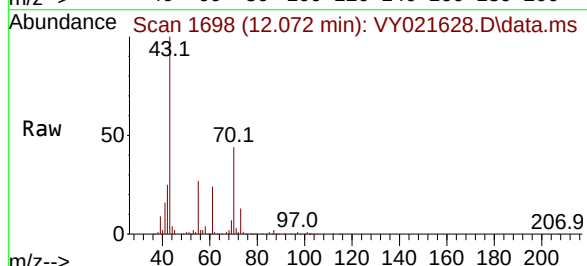
Ion Ratio Lower Upper

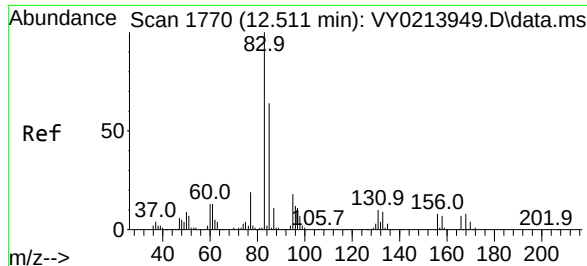
43 100

70 43.6 34.6 51.8

55 27.5 21.1 31.7

61 24.6 19.4 29.0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.325 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 93130

Ion Ratio Lower Upper

83 100

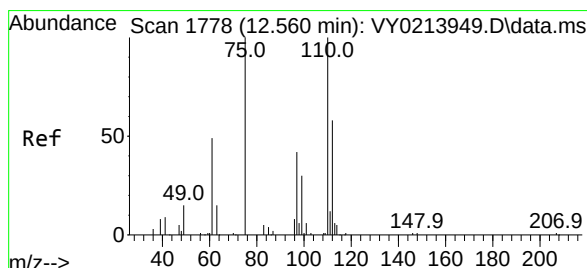
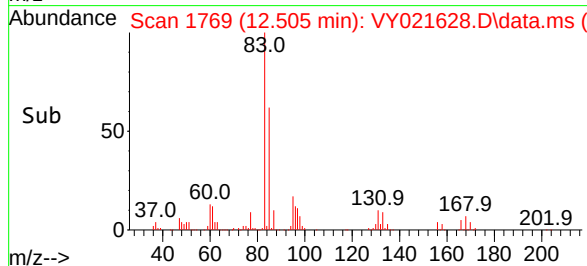
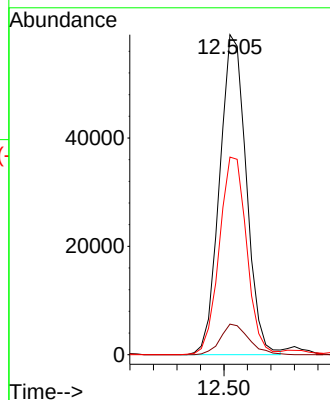
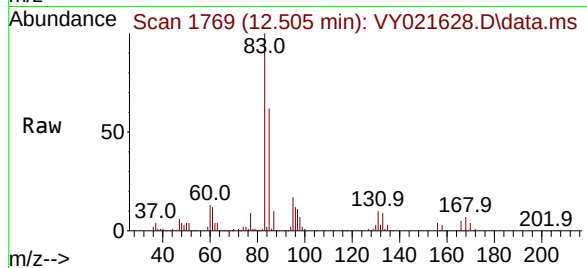
131 10.2 5.3 16.1

85 63.4 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
 Supervised By :Semsettin Yesilyurt 03/26/2025



#76

1,2,3-Trichloropropane

Concen: 50.000 ug/l m

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY021628.D

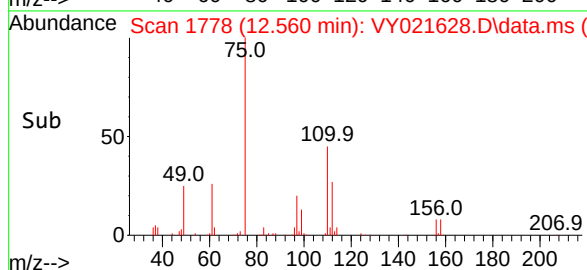
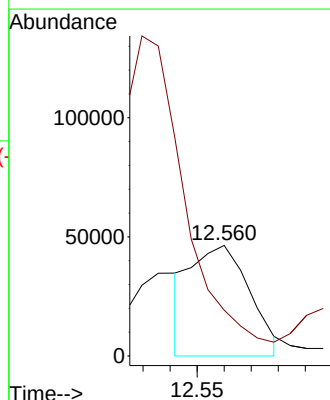
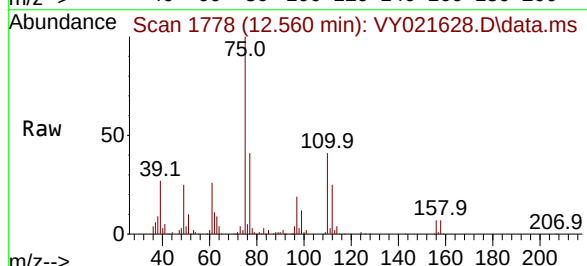
Acq: 25 Mar 2025 11:31

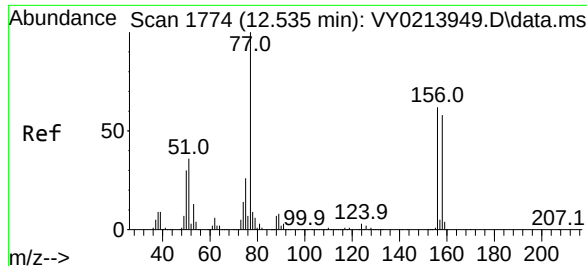
Tgt Ion: 75 Resp: 69857

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.146 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 13068

Ion Ratio Lower Upper

156 100

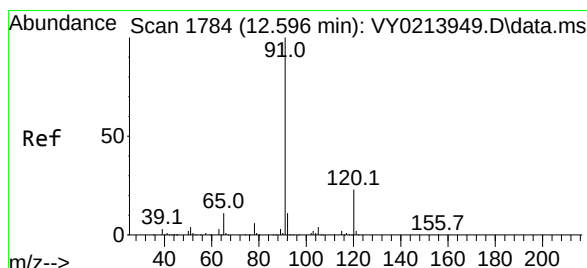
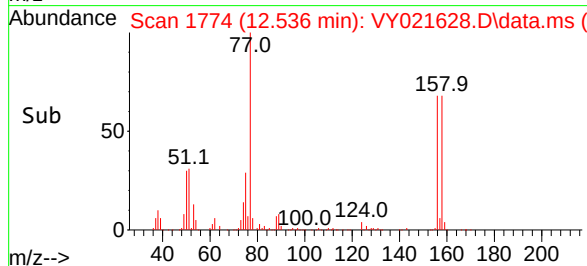
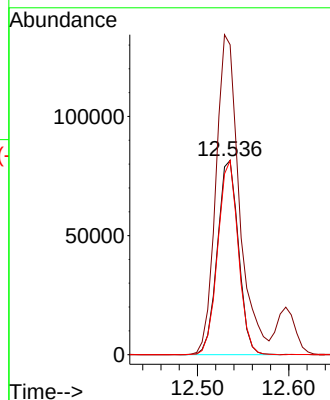
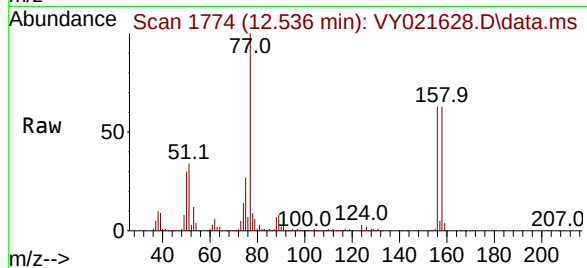
77 183.3 93.6 280.8

158 97.2 48.3 144.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
 Supervised By :Semsettin Yesilyurt 03/26/2025



#78

n-propylbenzene

Concen: 54.002 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY021628.D

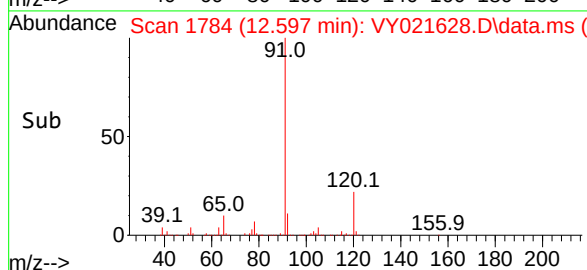
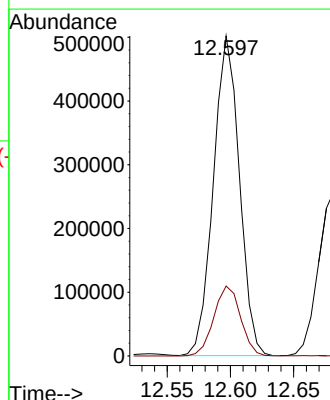
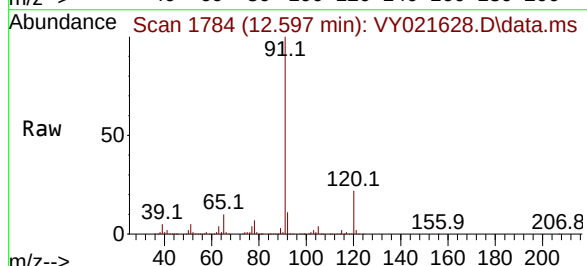
Acq: 25 Mar 2025 11:31

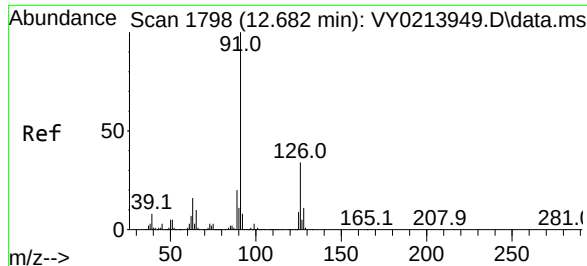
Tgt Ion: 91 Resp: 716292

Ion Ratio Lower Upper

91 100

120 22.5 11.3 33.8





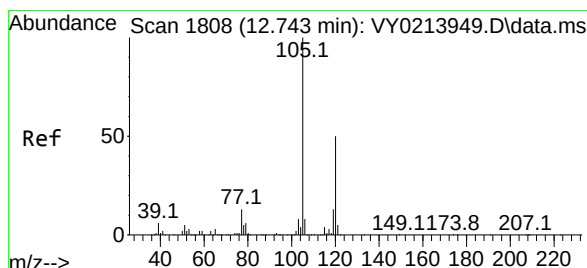
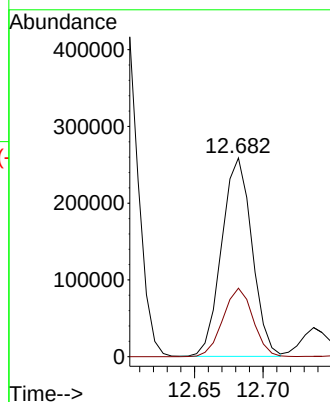
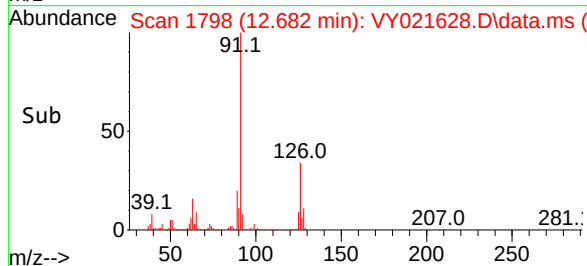
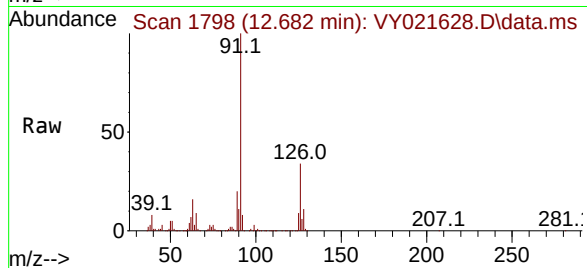
#79
2-Chlorotoluene
Concen: 52.595 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 39890
Ion Ratio Lower Upper
91 100
126 34.2 17.2 51.6

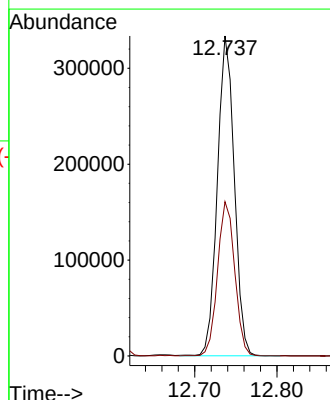
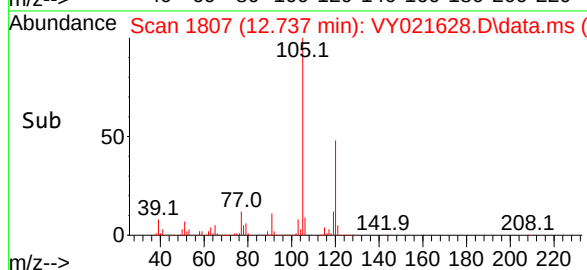
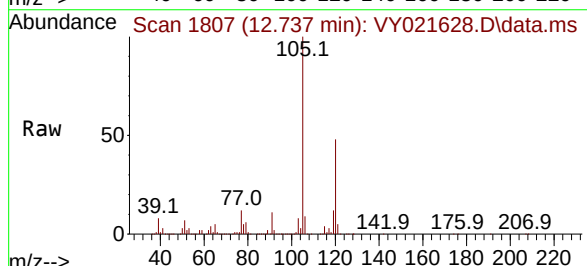
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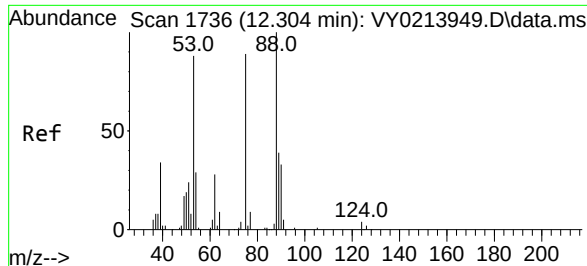
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#80
1,3,5-Trimethylbenzene
Concen: 53.702 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

Tgt Ion:105 Resp: 476635
Ion Ratio Lower Upper
105 100
120 48.9 24.6 73.6





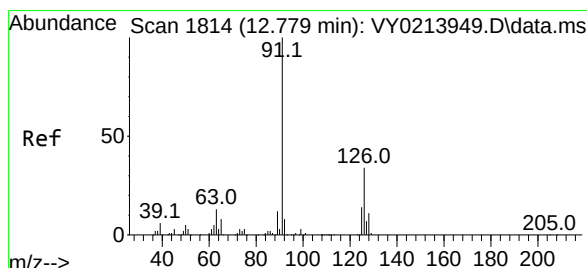
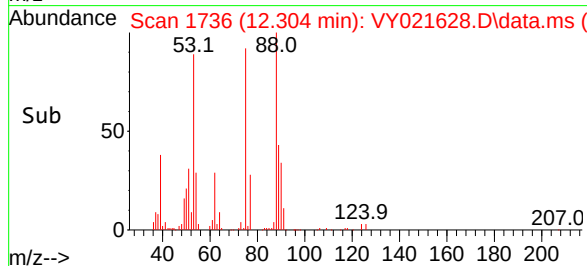
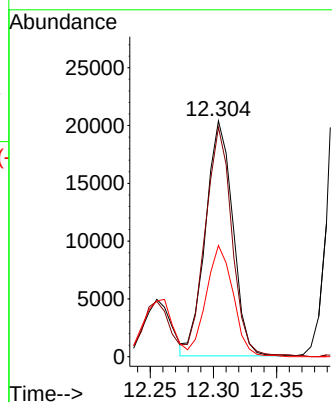
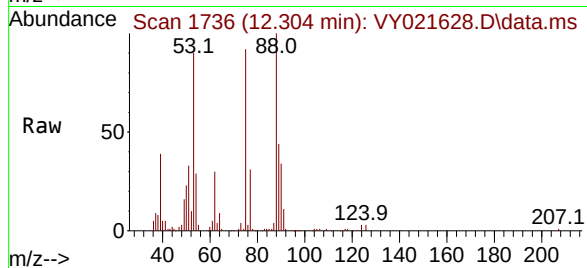
#81
trans-1,4-Dichloro-2-butene
Concen: 49.588 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 30470
Ion Ratio Lower Upper
75 100
53 96.5 81.0 121.4
89 46.6 36.9 55.3

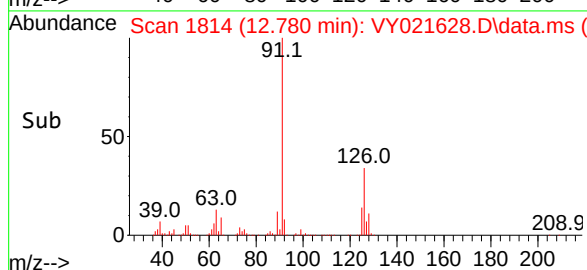
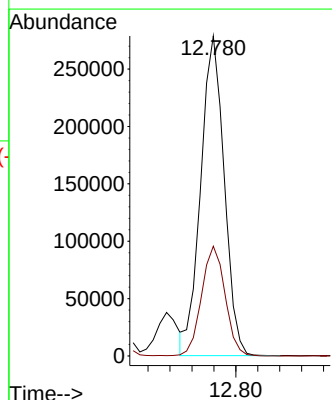
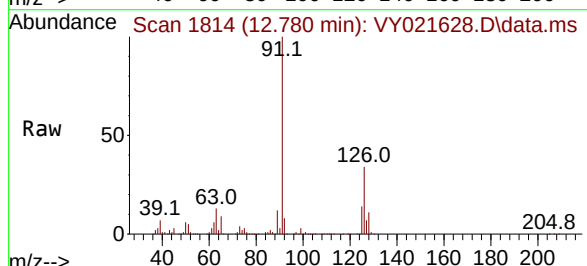
Manual Integrations
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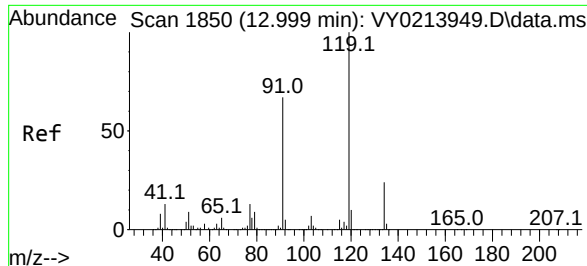
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#82
4-Chlorotoluene
Concen: 52.809 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

Tgt Ion: 91 Resp: 414745
Ion Ratio Lower Upper
91 100
126 34.4 17.0 51.0





#83

tert-Butylbenzene

Concen: 54.621 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 432478

Ion Ratio Lower Upper

119 100

91 65.3 33.2 99.6

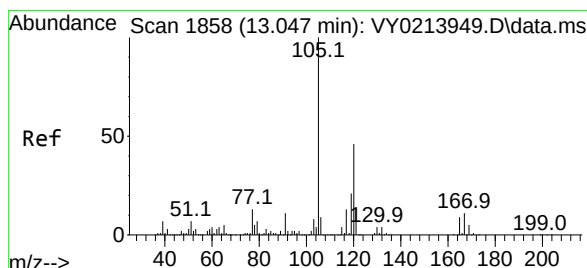
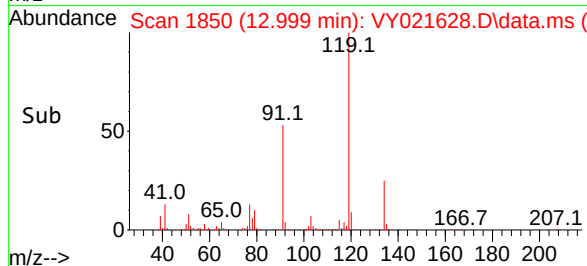
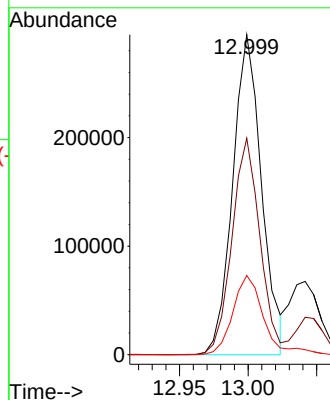
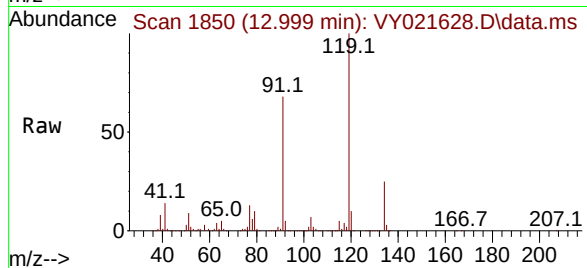
134 26.4 13.5 40.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025

Supervised By :Semsettin Yesilyurt 03/26/2025



#84

1,2,4-Trimethylbenzene

Concen: 53.858 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VY021628.D

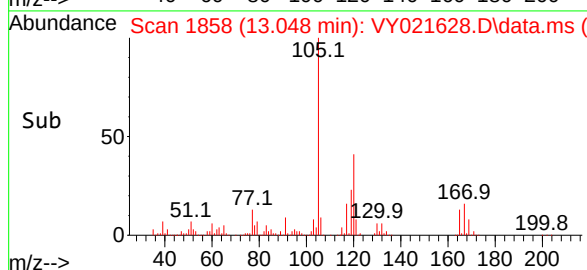
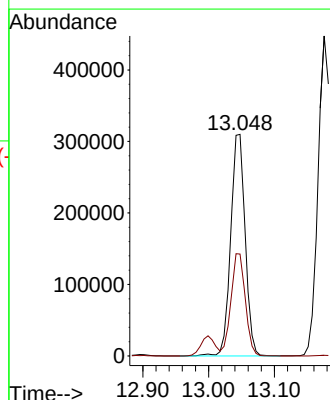
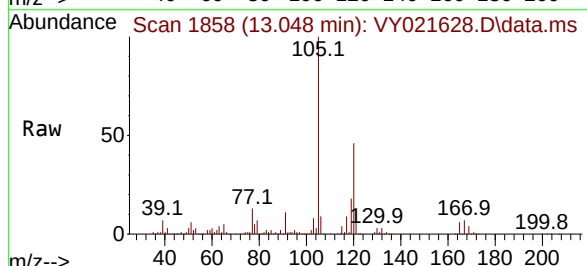
Acq: 25 Mar 2025 11:31

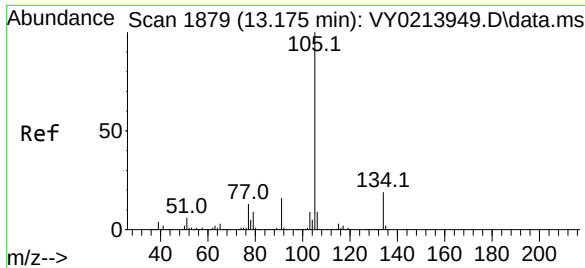
Tgt Ion:105 Resp: 474618

Ion Ratio Lower Upper

105 100

120 45.6 22.7 68.1





#85

sec-Butylbenzene

Concen: 54.598 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 643190

Ion Ratio Lower Upper

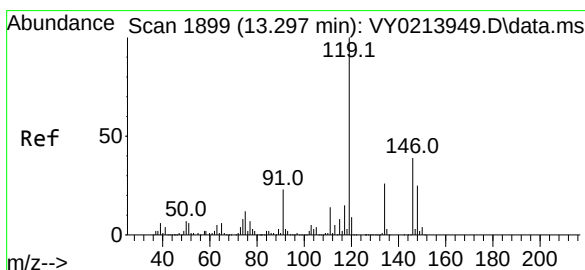
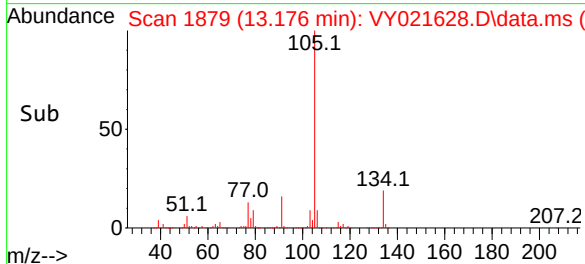
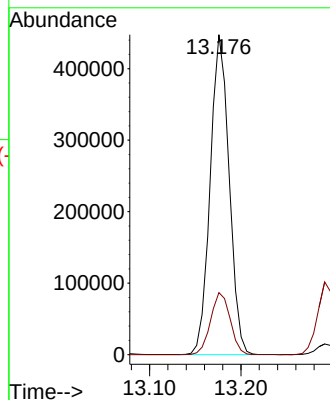
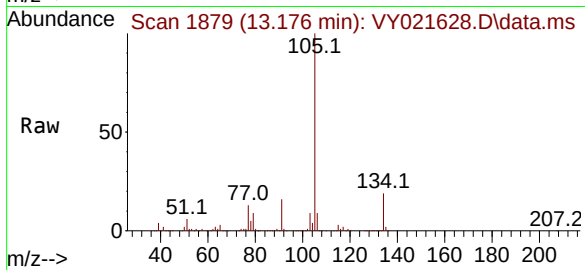
105 100

134 20.1 9.9 29.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
 Supervised By :Semsettin Yesilyurt 03/26/2025



#86

p-Isopropyltoluene

Concen: 55.584 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.006 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

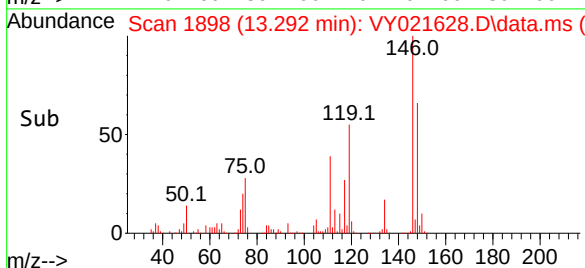
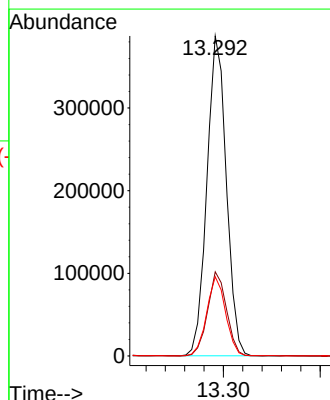
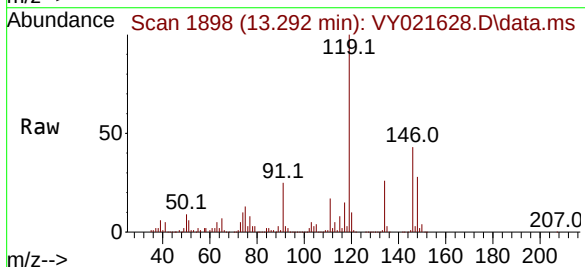
Tgt Ion:119 Resp: 539472

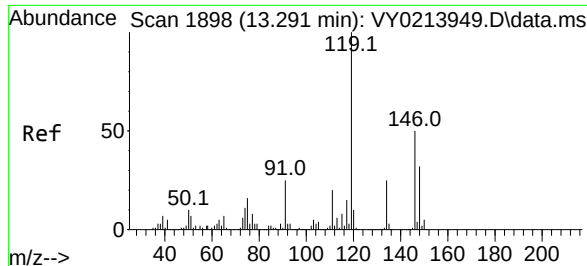
Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.1

91 24.1 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 51.598 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 262434

Ion Ratio Lower Upper

146 100

111 39.6 20.0 60.0

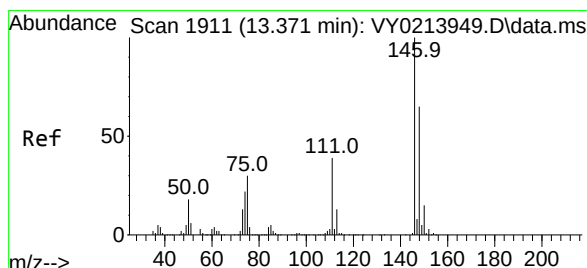
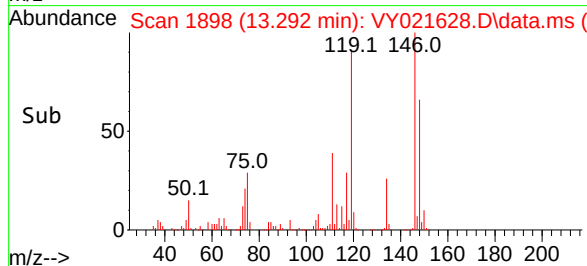
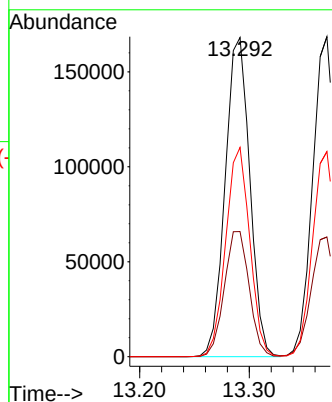
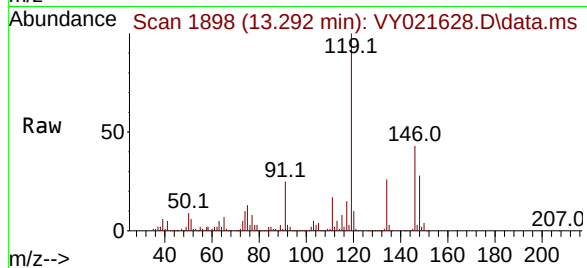
148 64.1 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025

Supervised By :Semsettin Yesilyurt 03/26/2025



#88

1,4-Dichlorobenzene

Concen: 51.508 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

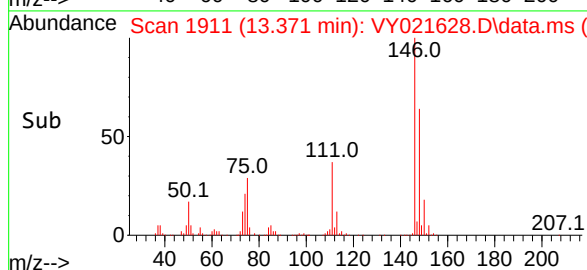
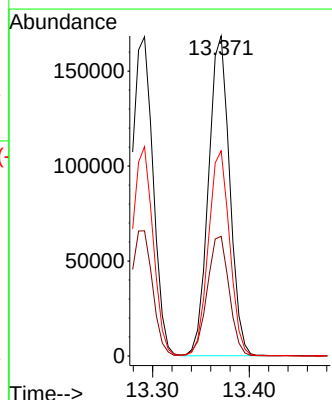
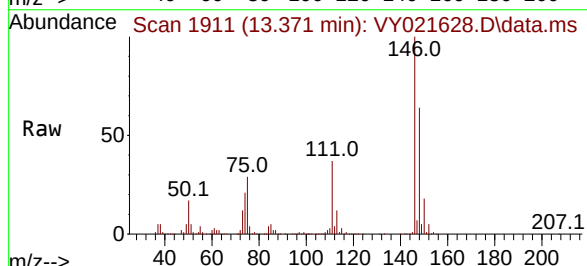
Tgt Ion:146 Resp: 256207

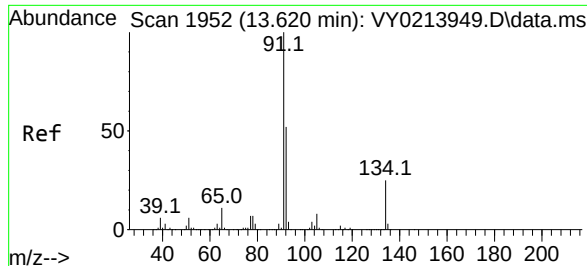
Ion Ratio Lower Upper

146 100

111 38.9 19.6 58.8

148 64.4 32.3 96.8





#89

n-Butylbenzene

Concen: 55.753 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 499658

Ion Ratio Lower Upper

91 100

92 52.8 26.1 78.3

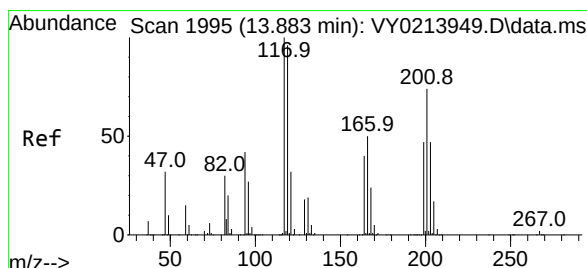
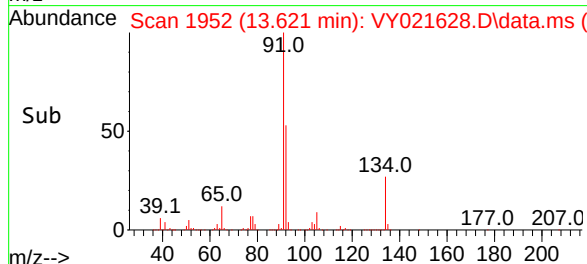
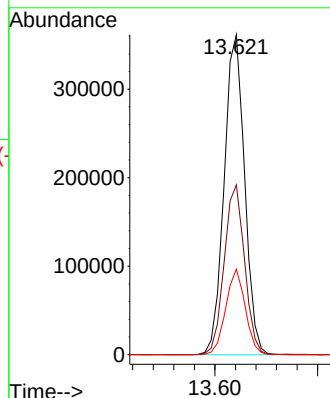
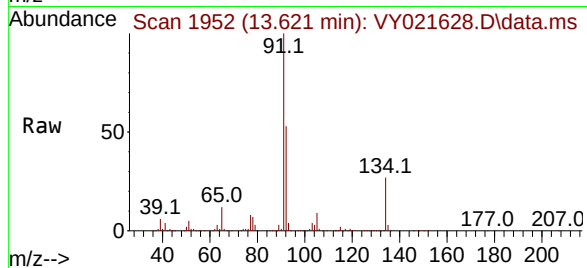
134 25.5 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025

Supervised By :Semsettin Yesilyurt 03/26/2025



#90

Hexachloroethane

Concen: 53.287 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY021628.D

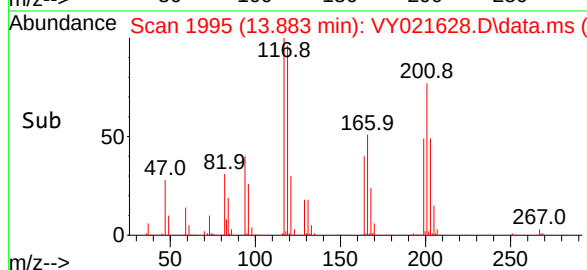
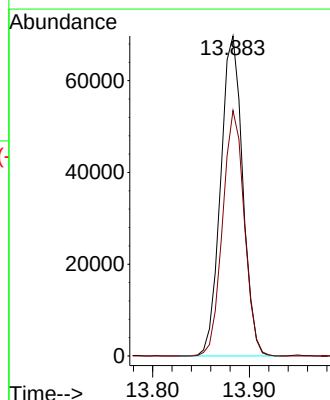
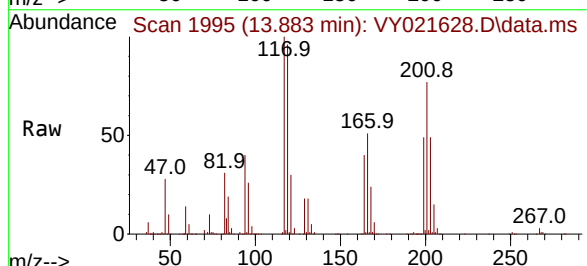
Acq: 25 Mar 2025 11:31

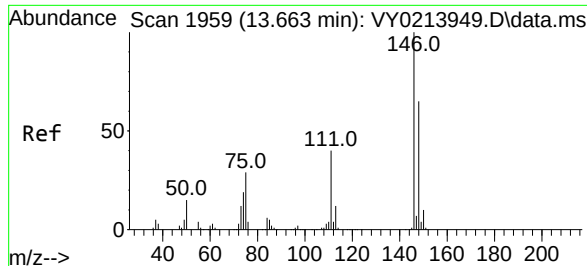
Tgt Ion:117 Resp: 110330

Ion Ratio Lower Upper

117 100

201 75.3 37.4 112.2





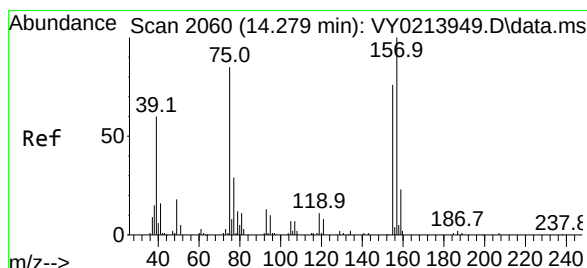
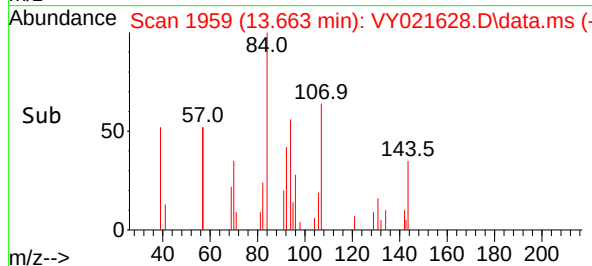
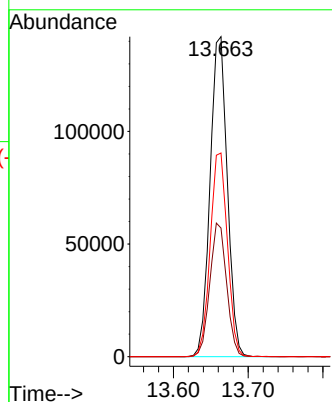
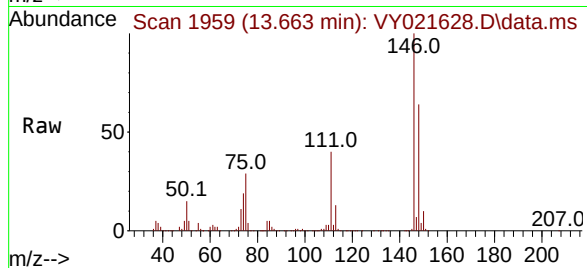
#91
1,2-Dichlorobenzene
Concen: 52.112 ug/l
RT: 13.663 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 227160
Ion Ratio Lower Upper
146 100
111 40.8 20.7 62.1
148 63.7 32.1 96.5

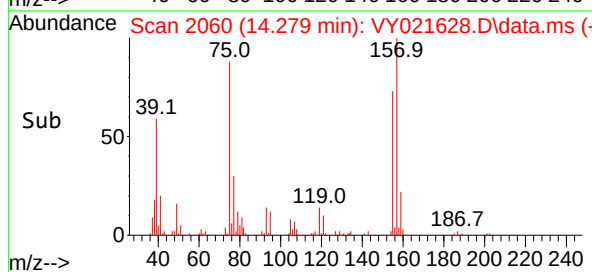
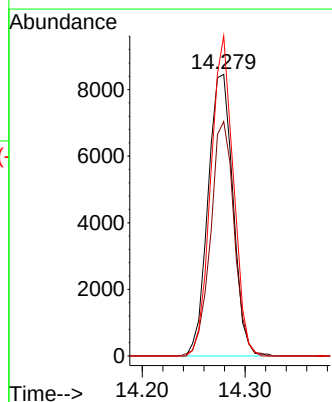
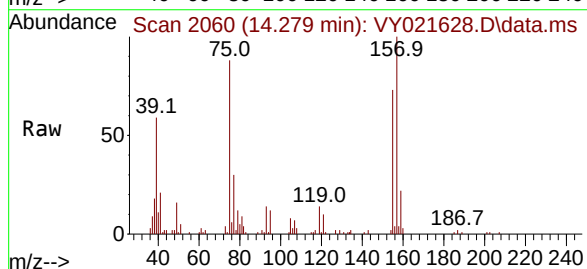
Manual Integrations
APPROVED

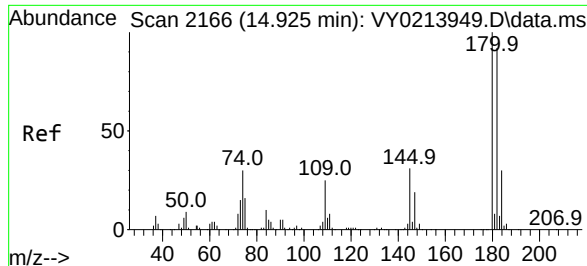
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.404 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

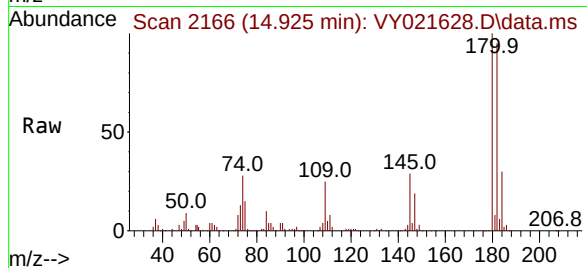
Tgt Ion: 75 Resp: 14263
Ion Ratio Lower Upper
75 100
155 78.7 43.5 130.5
157 102.6 54.4 163.2





#93
1,2,4-Trichlorobenzene
Concen: 53.341 ug/l
RT: 14.925 min Scan# 2166
Delta R.T. 0.000 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

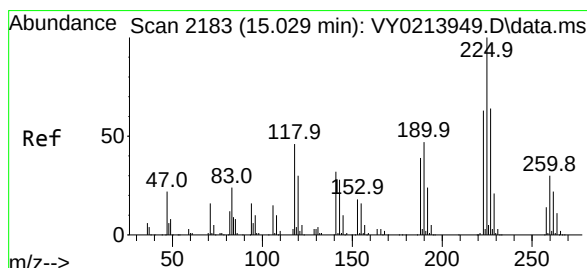
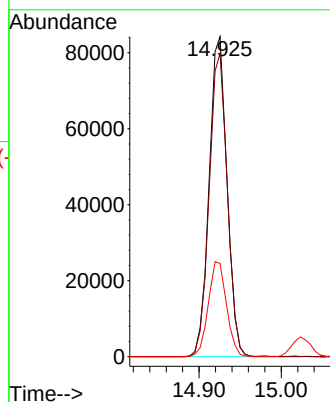
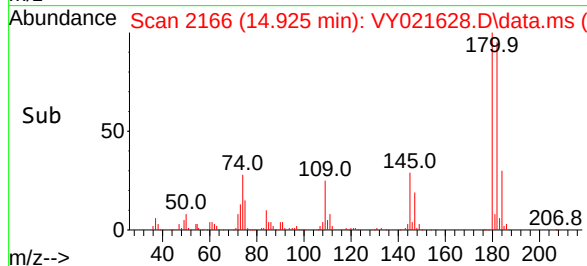
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 127000
Ion Ratio Lower Upper
180 100
182 95.9 46.7 140.0
145 30.3 15.6 46.8

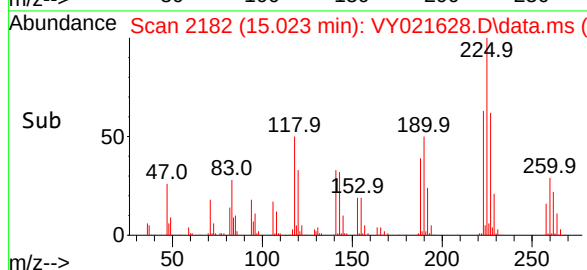
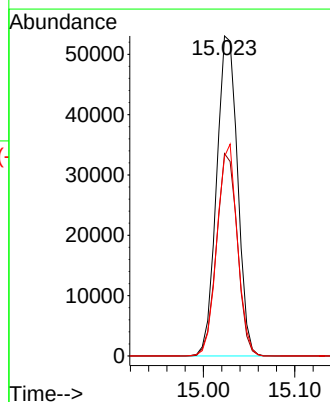
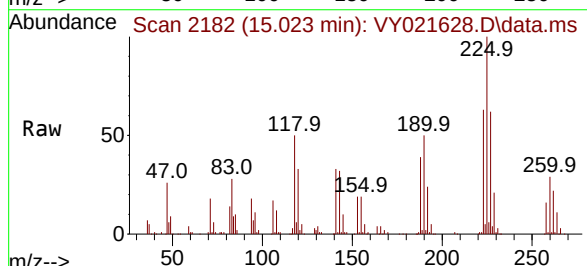
Manual Integrations
APPROVED

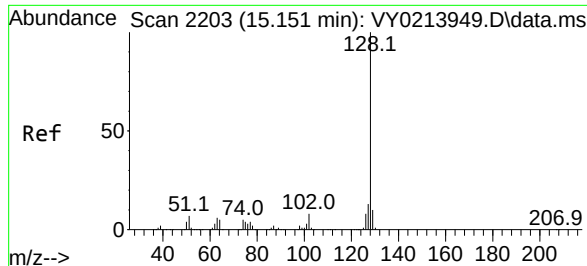
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#94
Hexachlorobutadiene
Concen: 56.659 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.006 min
Lab File: VY021628.D
Acq: 25 Mar 2025 11:31

Tgt Ion:225 Resp: 84565
Ion Ratio Lower Upper
225 100
223 62.8 31.4 94.2
227 64.1 31.8 95.4





#95

Naphthalene

Concen: 50.069 ug/l

RT: 15.145 min Scan# 2203

Delta R.T. -0.006 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 20152

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

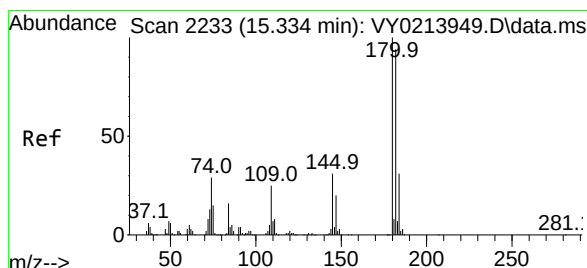
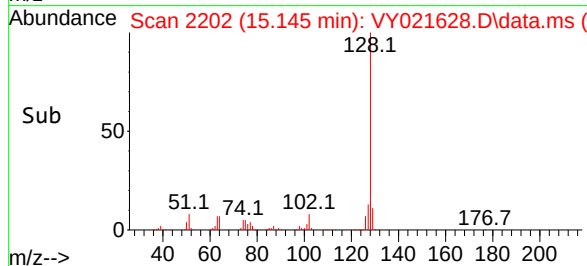
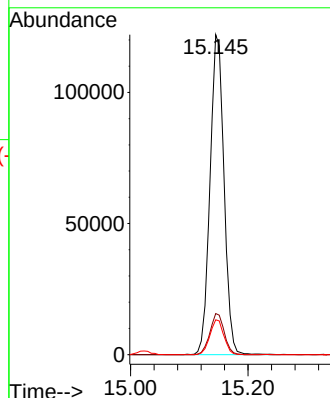
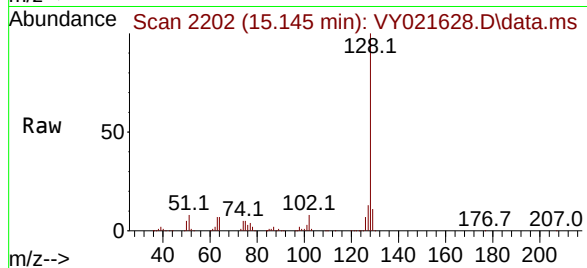
129 10.9 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025

Supervised By :Semsettin Yesilyurt 03/26/2025



#96

1,2,3-Trichlorobenzene

Concen: 52.855 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY021628.D

Acq: 25 Mar 2025 11:31

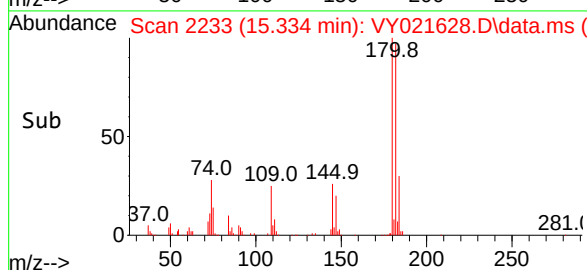
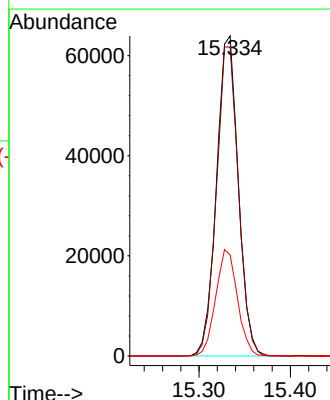
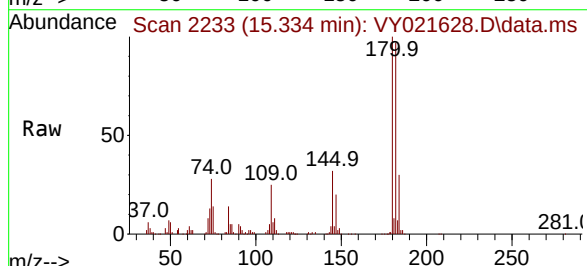
Tgt Ion:180 Resp: 105845

Ion Ratio Lower Upper

180 100

182 97.7 47.2 141.6

145 33.2 16.4 49.1



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032525\
 Data File : VY021628.D
 Acq On : 25 Mar 2025 11:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 26 01:35:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 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	89	0.00
2 T	Dichlorodifluoromethane	0.459	0.409	10.9	81	0.00
3 P	Chloromethane	0.647	0.618	4.5	89	0.00
4 C	Vinyl Chloride	0.707	0.731	-3.4#	94	0.00
5 T	Bromomethane	0.511	0.471	7.8	89	-0.01
6 T	Chloroethane	0.467	0.518	-10.9	100	0.00
7 T	Trichlorofluoromethane	0.987	1.123	-13.8	103	-0.01
8 T	Diethyl Ether	0.273	0.263	3.7	82	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.563	0.573	-1.8	95	-0.01
10 T	Methyl Iodide	0.573	0.563	1.7	79	-0.01
11 T	Tert butyl alcohol	0.041	0.030	26.8#	71	-0.02
12 CM	1,1-Dichloroethene	0.514	0.502	2.3#	88	-0.01
13 T	Acrolein	0.027	0.004	85.2#	72	-0.01
14 T	Allyl chloride	0.830	0.826	0.5	87	-0.02
15 T	Acrylonitrile	0.116	0.114	1.7	81	-0.01
16 T	Acetone	0.115	0.123	-7.0	81	0.00
17 T	Carbon Disulfide	1.610	1.406	12.7	76	-0.01
18 T	Methyl Acetate	0.256	0.321	-25.4#	100	0.00
19 T	Methyl tert-butyl Ether	1.302	1.275	2.1	83	0.00
20 T	Methylene Chloride	0.605	0.563	6.9	91	0.00
21 T	trans-1,2-Dichloroethene	0.575	0.566	1.6	89	-0.02
22 T	Diisopropyl ether	1.789	1.810	-1.2	87	-0.01
23 T	Vinyl Acetate	1.021	0.953	6.7	76	-0.01
24 P	1,1-Dichloroethane	1.056	1.067	-1.0	90	-0.02
25 T	2-Butanone	0.159	0.156	1.9	77	0.00
26 T	2,2-Dichloropropane	0.971	0.990	-2.0	94	0.00
27 T	cis-1,2-Dichloroethene	0.653	0.660	-1.1	89	0.00
28 T	Bromochloromethane	0.443	0.444	-0.2	84	0.00
29 T	Tetrahydrofuran	0.098	0.093	5.1	74	-0.01
30 C	Chloroform	1.096	1.112	-1.5#	91	0.00
31 T	Cyclohexane	0.990	0.899	9.2	85	0.00
32 T	1,1,1-Trichloroethane	1.004	1.022	-1.8	93	0.00
33 S	1,2-Dichloroethane-d4	0.528	0.552	-4.5	102	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
35 S	Dibromofluoromethane	0.329	0.371	-12.8	108	-0.01
36 T	1,1-Dichloropropene	0.514	0.528	-2.7	88	0.00
37 T	Ethyl Acetate	0.227	0.221	2.6	77	0.00
38 T	Carbon Tetrachloride	0.592	0.634	-7.1	93	0.00
39 T	Methylcyclohexane	0.631	0.652	-3.3	86	0.00
40 TM	Benzene	1.515	1.565	-3.3	87	0.00
41 T	Methacrylonitrile	0.124	0.127	-2.4	83	0.00
42 TM	1,2-Dichloroethane	0.424	0.426	-0.5	84	0.00
43 T	Isopropyl Acetate	0.441	0.429	2.7	77	0.00
44 TM	Trichloroethene	0.383	0.406	-6.0	92	0.00
45 C	1,2-Dichloropropane	0.361	0.382	-5.8#	89	0.00
46 T	Dibromomethane	0.201	0.206	-2.5	84	0.00
47 T	Bromodichloromethane	0.533	0.566	-6.2	89	0.00
48 T	Methyl methacrylate	0.203	0.211	-3.9	79	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032525\
 Data File : VY021628.D
 Acq On : 25 Mar 2025 11:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 26 01:35:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	85	0.00
50 S	Toluene-d8	1.244	1.383	-11.2	105	0.00
51 T	4-Methyl-2-Pentanone	0.228	0.230	-0.9	76	0.00
52 CM	Toluene	0.955	1.011	-5.9#	88	0.00
53 T	t-1,3-Dichloropropene	0.470	0.496	-5.5	86	0.00
54 T	cis-1,3-Dichloropropene	0.557	0.581	-4.3	85	0.00
55 T	1,1,2-Trichloroethane	0.263	0.276	-4.9	84	0.00
56 T	Ethyl methacrylate	0.335	0.351	-4.8	79	0.00
57 T	1,3-Dichloropropane	0.455	0.466	-2.4	84	0.00
58 T	2-Chloroethyl Vinyl ether	0.155	0.162	-4.5	80	0.00
59 T	2-Hexanone	0.151	0.160	-6.0	76	0.00
60 T	Dibromochloromethane	0.360	0.376	-4.4	86	0.00
61 T	1,2-Dibromoethane	0.248	0.249	-0.4	82	0.00
62 S	4-Bromofluorobenzene	0.423	0.468	-10.6	104	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
64 T	Tetrachloroethene	0.407	0.486	-19.4	101	0.00
65 PM	Chlorobenzene	1.181	1.247	-5.6	88	0.00
66 T	1,1,1,2-Tetrachloroethane	0.417	0.455	-9.1	91	0.00
67 C	Ethyl Benzene	2.072	2.245	-8.3#	88	0.00
68 T	m/p-Xylenes	0.787	0.860	-9.3	88	0.00
69 T	o-Xylene	0.725	0.792	-9.2	88	0.00
70 T	Styrene	1.203	1.337	-11.1	88	0.00
71 P	Bromoform	0.233	0.249	-6.9	83	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	85	0.00
73 T	Isopropylbenzene	3.939	4.241	-7.7	90	0.00
74 T	N-amyl acetate	0.855	0.850	0.6	76	0.00
75 P	1,1,2,2-Tetrachloroethane	0.695	0.672	3.3	79	0.00
76 T	1,2,3-Trichloropropane	0.504	0.504	0.0	87	0.00
77 T	Bromobenzene	0.921	0.943	-2.4	87	0.00
78 T	n-propylbenzene	4.783	5.166	-8.0	90	0.00
79 T	2-Chlorotoluene	2.735	2.877	-5.2	90	0.00
80 T	1,3,5-Trimethylbenzene	3.201	3.438	-7.4	90	0.00
81 T	trans-1,4-Dichloro-2-butene	0.222	0.220	0.9	79	0.00
82 T	4-Chlorotoluene	2.832	2.991	-5.6	90	0.00
83 T	tert-Butylbenzene	2.855	3.119	-9.2	91	0.00
84 T	1,2,4-Trimethylbenzene	3.178	3.423	-7.7	89	0.00
85 T	sec-Butylbenzene	4.248	4.639	-9.2	91	0.00
86 T	p-Isopropyltoluene	3.500	3.891	-11.2	92	0.00
87 T	1,3-Dichlorobenzene	1.834	1.893	-3.2	89	0.00
88 T	1,4-Dichlorobenzene	1.794	1.848	-3.0	88	0.00
89 T	n-Butylbenzene	3.232	3.604	-11.5	91	0.00
90 T	Hexachloroethane	0.747	0.796	-6.6	93	0.00
91 T	1,2-Dichlorobenzene	1.572	1.638	-4.2	88	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.104	0.103	1.0	81	0.00
93 T	1,2,4-Trichlorobenzene	0.859	0.916	-6.6	86	0.00
94 T	Hexachlorobutadiene	0.538	0.610	-13.4	94	0.00
95 T	Naphthalene	1.390	1.454	-4.6	79	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032525\
Data File : VY021628.D
Acq On : 25 Mar 2025 11:31
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Mar 26 01:35:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 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	0.722	0.763	-5.7	84	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032525\
 Data File : VY021628.D
 Acq On : 25 Mar 2025 11:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 26 01:35:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 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	89	0.00
2 T	Dichlorodifluoromethane	50.000	44.529	10.9	81	0.00
3 P	Chloromethane	50.000	47.790	4.4	89	0.00
4 C	Vinyl Chloride	50.000	51.716	-3.4#	94	0.00
5 T	Bromomethane	50.000	46.052	7.9	89	-0.01
6 T	Chloroethane	50.000	55.457	-10.9	100	0.00
7 T	Trichlorofluoromethane	50.000	56.927	-13.9	103	-0.01
8 T	Diethyl Ether	50.000	48.071	3.9	82	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.894	-1.8	95	-0.01
10 T	Methyl Iodide	50.000	49.181	1.6	79	-0.01
11 T	Tert butyl alcohol	250.000	218.054	12.8	71	-0.02
12 CM	1,1-Dichloroethene	50.000	48.901	2.2#	88	-0.01
13 T	Acrolein	250.000	34.594	86.2#	72	-0.01
14 T	Allyl chloride	50.000	49.745	0.5	87	-0.02
15 T	Acrylonitrile	250.000	245.387	1.8	81	-0.01
16 T	Acetone	250.000	267.071	-6.8	81	0.00
17 T	Carbon Disulfide	50.000	43.679	12.6	76	-0.01
18 T	Methyl Acetate	50.000	62.696	-25.4#	100	0.00
19 T	Methyl tert-butyl Ether	50.000	48.966	2.1	83	0.00
20 T	Methylene Chloride	50.000	46.531	6.9	91	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.159	1.7	89	-0.02
22 T	Diisopropyl ether	50.000	50.586	-1.2	87	-0.01
23 T	Vinyl Acetate	250.000	233.415	6.6	76	-0.01
24 P	1,1-Dichloroethane	50.000	50.547	-1.1	90	-0.02
25 T	2-Butanone	250.000	244.511	2.2	77	0.00
26 T	2,2-Dichloropropane	50.000	50.936	-1.9	94	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.485	-1.0	89	0.00
28 T	Bromochloromethane	50.000	50.106	-0.2	84	0.00
29 T	Tetrahydrofuran	250.000	235.277	5.9	74	-0.01
30 C	Chloroform	50.000	50.705	-1.4#	91	0.00
31 T	Cyclohexane	50.000	45.400	9.2	85	0.00
32 T	1,1,1-Trichloroethane	50.000	50.923	-1.8	93	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.228	-4.5	102	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	86	0.00
35 S	Dibromofluoromethane	50.000	56.399	-12.8	108	-0.01
36 T	1,1-Dichloropropene	50.000	51.340	-2.7	88	0.00
37 T	Ethyl Acetate	50.000	48.679	2.6	77	0.00
38 T	Carbon Tetrachloride	50.000	53.591	-7.2	93	0.00
39 T	Methylcyclohexane	50.000	51.675	-3.3	86	0.00
40 TM	Benzene	50.000	51.644	-3.3	87	0.00
41 T	Methacrylonitrile	50.000	51.156	-2.3	83	0.00
42 TM	1,2-Dichloroethane	50.000	50.288	-0.6	84	0.00
43 T	Isopropyl Acetate	50.000	48.593	2.8	77	0.00
44 TM	Trichloroethene	50.000	53.070	-6.1	92	0.00
45 C	1,2-Dichloropropane	50.000	52.938	-5.9#	89	0.00
46 T	Dibromomethane	50.000	51.326	-2.7	84	0.00
47 T	Bromodichloromethane	50.000	53.063	-6.1	89	0.00
48 T	Methyl methacrylate	50.000	51.952	-3.9	79	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032525\
 Data File : VY021628.D
 Acq On : 25 Mar 2025 11:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 26 01:35:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 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	1132.801	-13.3	85	0.00
50 S	Toluene-d8	50.000	55.553	-11.1	105	0.00
51 T	4-Methyl-2-Pentanone	250.000	252.958	-1.2	76	0.00
52 CM	Toluene	50.000	52.890	-5.8#	88	0.00
53 T	t-1,3-Dichloropropene	50.000	52.794	-5.6	86	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.104	-4.2	85	0.00
55 T	1,1,2-Trichloroethane	50.000	52.554	-5.1	84	0.00
56 T	Ethyl methacrylate	50.000	52.374	-4.7	79	0.00
57 T	1,3-Dichloropropane	50.000	51.256	-2.5	84	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	262.508	-5.0	80	0.00
59 T	2-Hexanone	250.000	265.418	-6.2	76	0.00
60 T	Dibromochloromethane	50.000	52.288	-4.6	86	0.00
61 T	1,2-Dibromoethane	50.000	50.227	-0.5	82	0.00
62 S	4-Bromofluorobenzene	50.000	55.304	-10.6	104	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	84	0.00
64 T	Tetrachloroethene	50.000	59.749	-19.5	101	0.00
65 PM	Chlorobenzene	50.000	52.825	-5.7	88	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.521	-9.0	91	0.00
67 C	Ethyl Benzene	50.000	54.162	-8.3#	88	0.00
68 T	m/p-Xylenes	100.000	109.365	-9.4	88	0.00
69 T	o-Xylene	50.000	54.602	-9.2	88	0.00
70 T	Styrene	50.000	55.578	-11.2	88	0.00
71 P	Bromoform	50.000	53.246	-6.5	83	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	85	0.00
73 T	Isopropylbenzene	50.000	53.844	-7.7	90	0.00
74 T	N-ethyl acetate	50.000	49.694	0.6	76	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.325	3.3	79	0.00
76 T	1,2,3-Trichloropropane	50.000	50.000	0.0	87	0.00
77 T	Bromobenzene	50.000	51.146	-2.3	87	0.00
78 T	n-propylbenzene	50.000	54.002	-8.0	90	0.00
79 T	2-Chlorotoluene	50.000	52.595	-5.2	90	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.702	-7.4	90	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.588	0.8	79	0.00
82 T	4-Chlorotoluene	50.000	52.809	-5.6	90	0.00
83 T	tert-Butylbenzene	50.000	54.621	-9.2	91	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.858	-7.7	89	0.00
85 T	sec-Butylbenzene	50.000	54.598	-9.2	91	0.00
86 T	p-Isopropyltoluene	50.000	55.584	-11.2	92	0.00
87 T	1,3-Dichlorobenzene	50.000	51.598	-3.2	89	0.00
88 T	1,4-Dichlorobenzene	50.000	51.508	-3.0	88	0.00
89 T	n-Butylbenzene	50.000	55.753	-11.5	91	0.00
90 T	Hexachloroethane	50.000	53.287	-6.6	93	0.00
91 T	1,2-Dichlorobenzene	50.000	52.112	-4.2	88	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.404	1.2	81	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.341	-6.7	86	0.00
94 T	Hexachlorobutadiene	50.000	56.659	-13.3	94	0.00
95 T	Naphthalene	50.000	50.069	-0.1	79	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032525\
Data File : VY021628.D
Acq On : 25 Mar 2025 11:31
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Mar 26 01:35:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 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	52.855	-5.7	84	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6



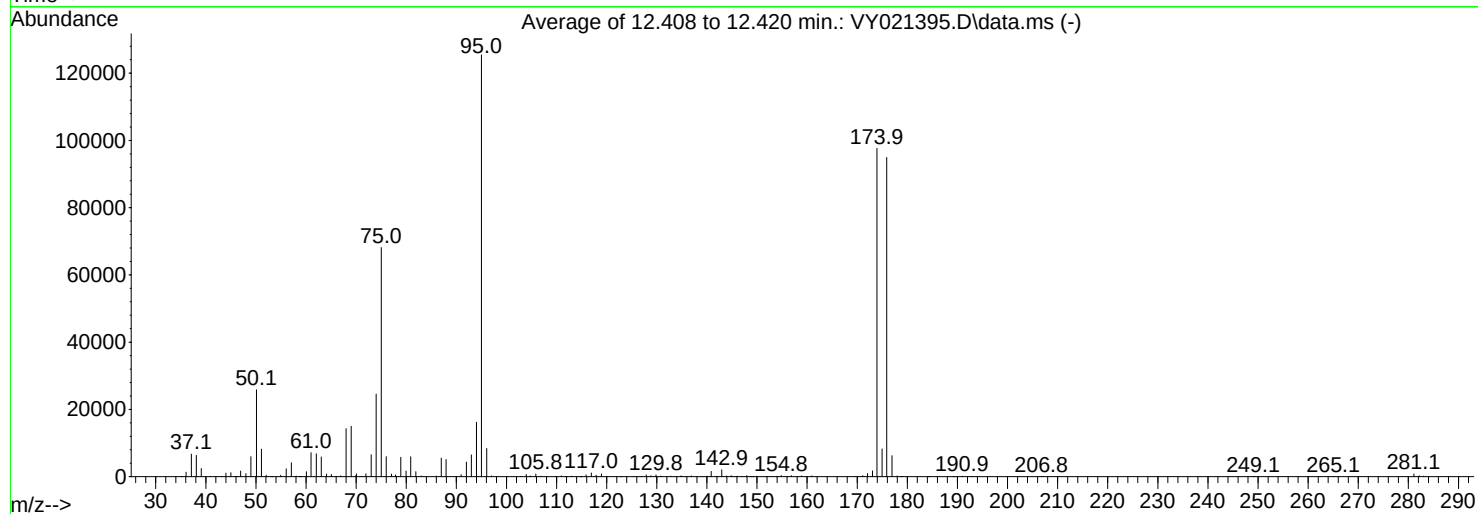
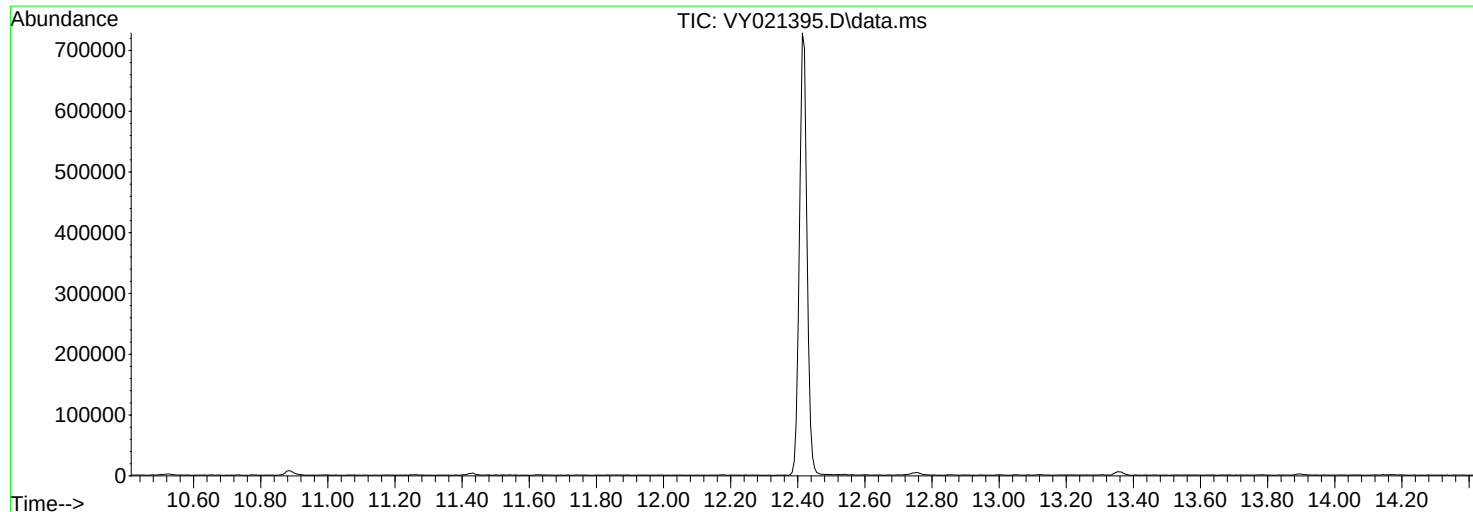
QC SAMPLE DATA

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
Data File : VY021395.D
Acq On : 04 Mar 2025 08:52
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Title : SW846 8260
Last Update : Wed Mar 05 12:42:45 2025



AutoFind: Scans 1753, 1754, 1755; Background Corrected with Scan 1745

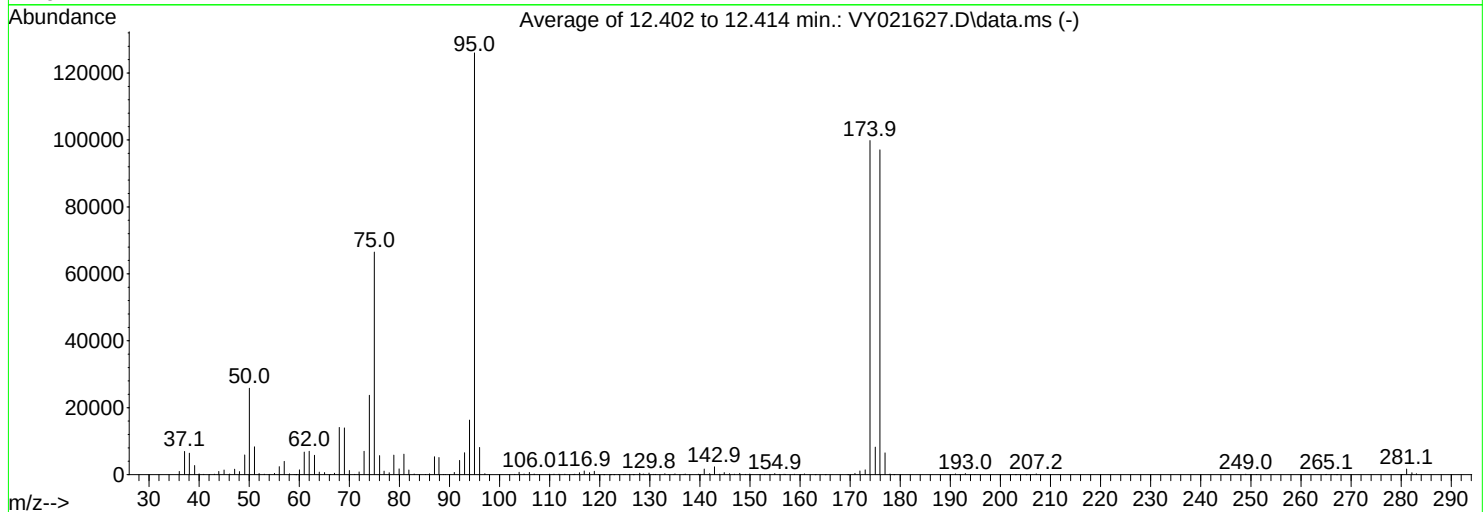
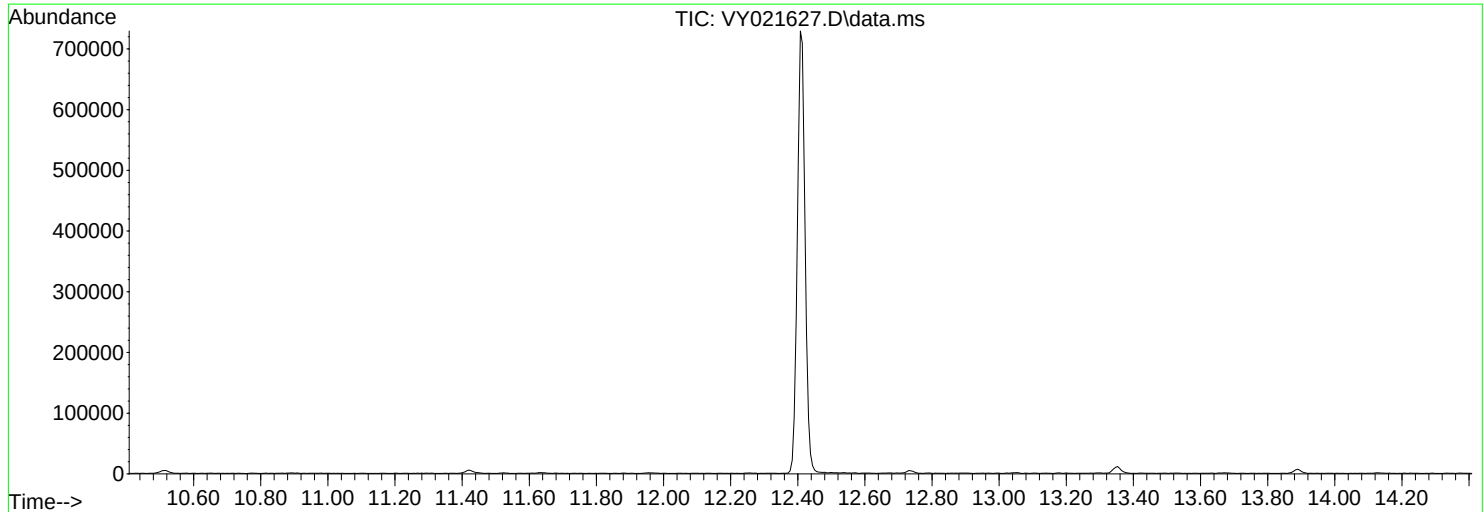
Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
50	95	15	40	20.6	25853	PASS
75	95	30	60	54.3	68152	PASS
95	95	100	100	100.0	125459	PASS
96	95	5	9	6.7	8382	PASS
173	174	0.00	2	1.8	1721	PASS
174	95	50	100	77.8	97645	PASS
175	174	5	9	8.4	8226	PASS
176	174	95	101	97.2	94957	PASS
177	176	5	9	6.6	6262	PASS

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032525\
Data File : VY021627.D
Acq On : 25 Mar 2025 09:17
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Title : SW846 8260
Last Update : Wed Mar 05 12:42:45 2025



AutoFind: Scans 1752, 1753, 1754; Background Corrected with Scan 1744

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.5	25813	PASS
75	95	30	60	52.8	66499	PASS
95	95	100	100	100.0	126032	PASS
96	95	5	9	6.5	8159	PASS
173	174	0.00	2	1.5	1457	PASS
174	95	50	100	79.2	99824	PASS
175	174	5	9	8.2	8222	PASS
176	174	95	101	97.2	97035	PASS
177	176	5	9	6.7	6514	PASS

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	VY0325SBL01	SDG No.:	Q1626
Lab Sample ID:	VY0325SBL01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021629.D	1		03/25/25 12:04	VY032525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.10	U	1.10	5.00	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	0.79	U	0.79	5.00	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.00	ug/Kg
75-00-3	Chloroethane	1.30	U	1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	1.20	U	1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	1.00	U	1.00	5.00	ug/Kg
67-64-1	Acetone	4.70	U	4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.73	U	0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	1.50	U	1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	3.50	U	3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.86	U	0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	0.80	U	0.80	5.00	ug/Kg
110-82-7	Cyclohexane	0.79	U	0.79	5.00	ug/Kg
78-93-3	2-Butanone	6.50	U	6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	0.97	U	0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	1.20	U	1.20	5.00	ug/Kg
67-66-3	Chloroform	0.84	U	0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.93	U	0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	0.91	U	0.91	5.00	ug/Kg
71-43-2	Benzene	0.79	U	0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	0.79	U	0.79	5.00	ug/Kg
79-01-6	Trichloroethene	0.81	U	0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	0.91	U	0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	0.78	U	0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.60	U	3.60	25.0	ug/Kg
108-88-3	Toluene	0.78	U	0.78	5.00	ug/Kg

Report of Analysis

Client:	Walsh Construction Company II, LLC		Date Collected:	
Project:	Walsh CO-032 Sampling		Date Received:	
Client Sample ID:	VY0325SBL01		SDG No.:	Q1626
Lab Sample ID:	VY0325SBL01		Matrix:	SOIL
Analytical Method:	SW8260		% Solid:	100
Sample Wt/Vol:	5	Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021629.D	1		03/25/25 12:04	VY032525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.65	U	0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.62	U	0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.92	U	0.92	5.00	ug/Kg
591-78-6	2-Hexanone	3.70	U	3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	0.87	U	0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	0.88	U	0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	0.91	U	0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	0.67	U	0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	1.20	U	1.20	10.0	ug/Kg
95-47-6	o-Xylene	0.82	U	0.82	5.00	ug/Kg
100-42-5	Styrene	0.71	U	0.71	5.00	ug/Kg
75-25-2	Bromoform	0.86	U	0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	0.78	U	0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.70	U	1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.60	U	1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.50	U	1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.00	U	3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.20	U	3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.0		63 - 155	112%	SPK: 50
1868-53-7	Dibromofluoromethane	51.1		70 - 134	102%	SPK: 50
2037-26-5	Toluene-d8	48.8		74 - 123	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.7		38 - 136	85%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	235000	7.707			
540-36-3	1,4-Difluorobenzene	440000	8.616			
3114-55-4	Chlorobenzene-d5	390000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	149000	13.347			



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

Report of Analysis

Client:	Walsh Construction Company II, LLC		Date Collected:	
Project:	Walsh CO-032 Sampling		Date Received:	
Client Sample ID:	VY0325SBL01		SDG No.:	Q1626
Lab Sample ID:	VY0325SBL01		Matrix:	SOIL
Analytical Method:	SW8260		% Solid:	100
Sample Wt/Vol:	5	Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021629.D	1		03/25/25 12:04	VY032525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032525\
 Data File : VY021629.D
 Acq On : 25 Mar 2025 12:04
 Operator : SY/MD
 Sample : VY0325SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0325SBL01

Quant Time: Mar 26 01:35:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	234987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	440273	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	390435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	148940	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	139189	56.042	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.080%
35) Dibromofluoromethane	7.634	113	147787	51.067	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.140%
50) Toluene-d8	10.109	98	534999	48.825	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.640%
62) 4-Bromofluorobenzene	12.408	95	159255	42.727	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.460%

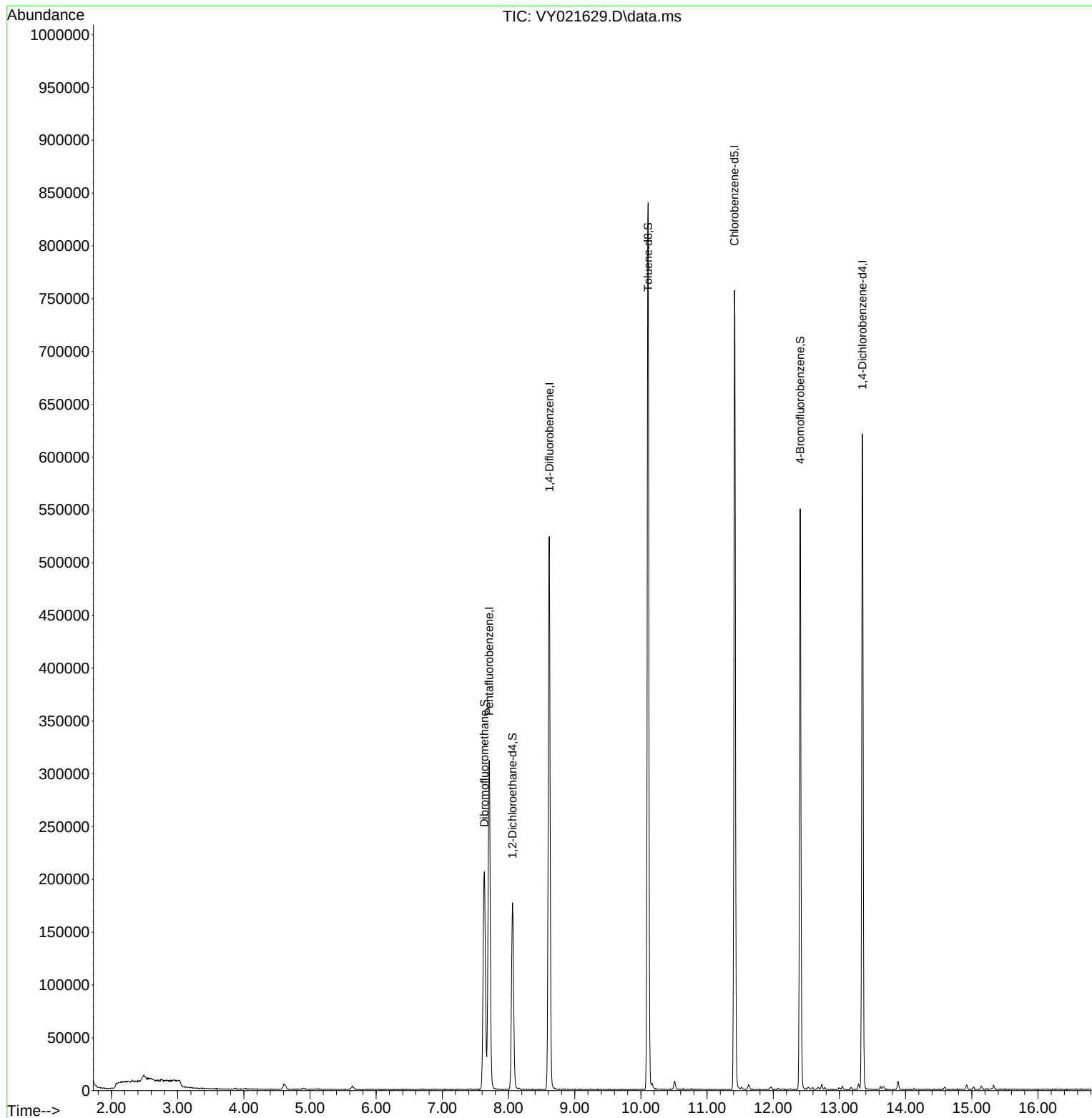
Target Compounds	Qvalue

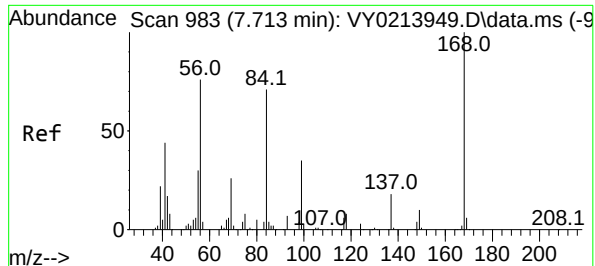
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032525\
Data File : VY021629.D
Acq On : 25 Mar 2025 12:04
Operator : SY/MD
Sample : VY0325SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBL01

Quant Time: Mar 26 01:35:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY021629.D

Acq: 25 Mar 2025 12:04

Instrument :

MSVOA_Y

ClientSampleId :

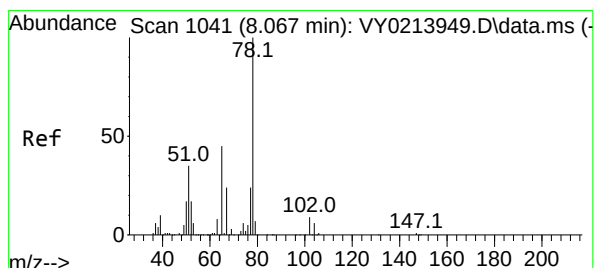
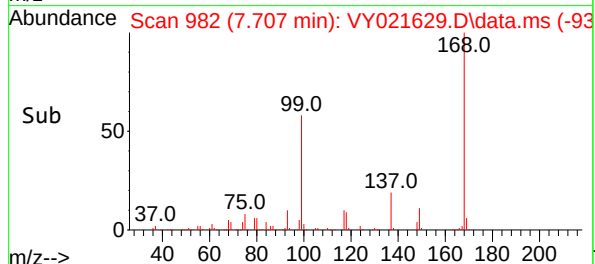
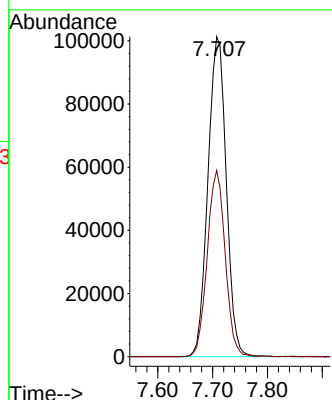
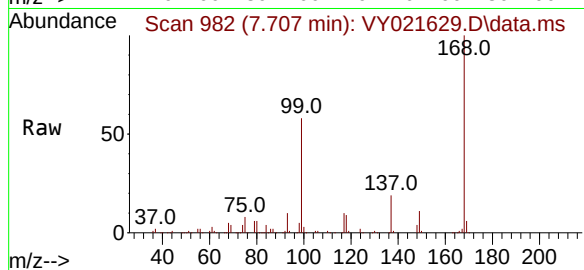
VY0325SBL01

Tgt Ion:168 Resp: 234987

Ion Ratio Lower Upper

168 100

99 58.2 46.0 69.0



#33

1,2-Dichloroethane-d4

Concen: 56.042 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VY021629.D

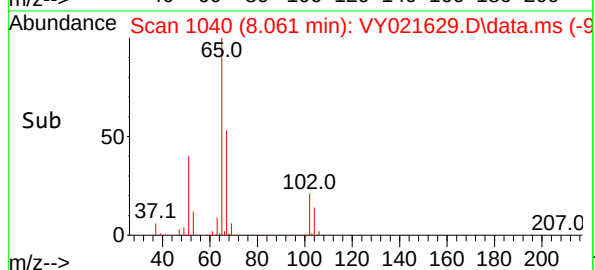
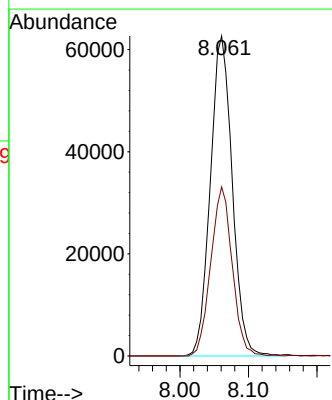
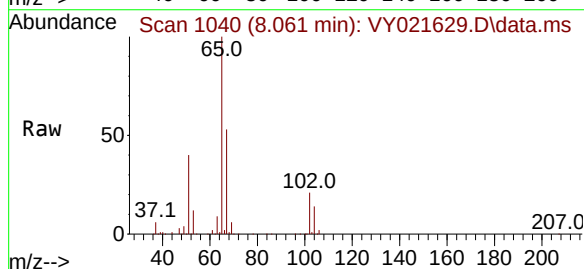
Acq: 25 Mar 2025 12:04

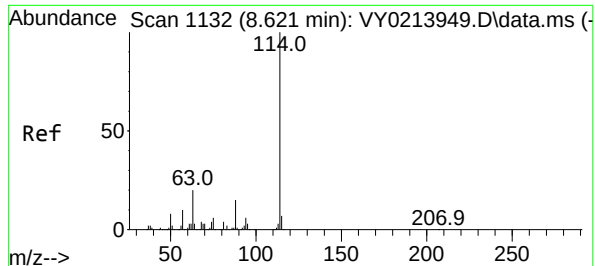
Tgt Ion: 65 Resp: 139189

Ion Ratio Lower Upper

65 100

67 51.7 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VY021629.D

Acq: 25 Mar 2025 12:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBL01

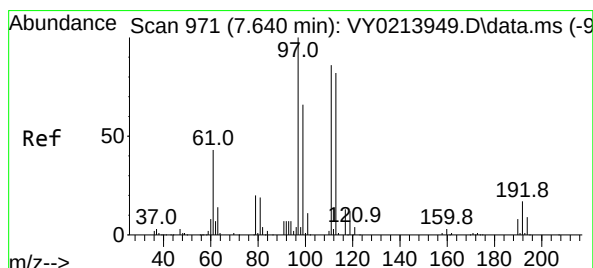
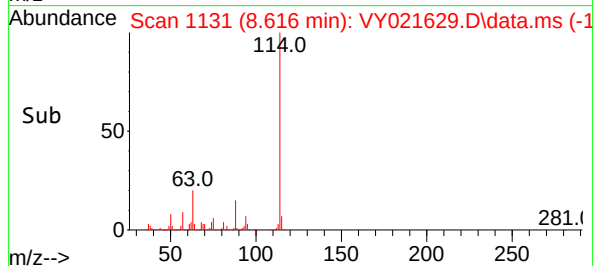
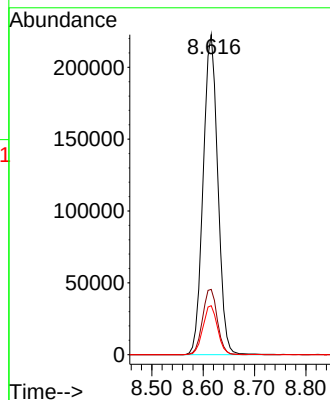
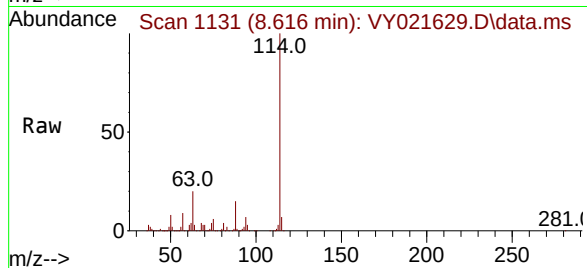
Tgt Ion:114 Resp: 440273

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

88 15.3 0.0 30.8



#35

Dibromofluoromethane

Concen: 51.067 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.006 min

Lab File: VY021629.D

Acq: 25 Mar 2025 12:04

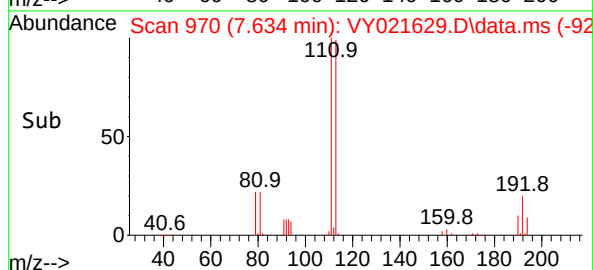
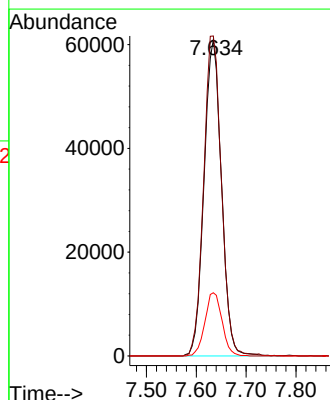
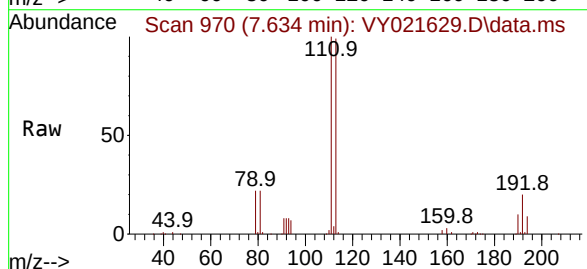
Tgt Ion:113 Resp: 147787

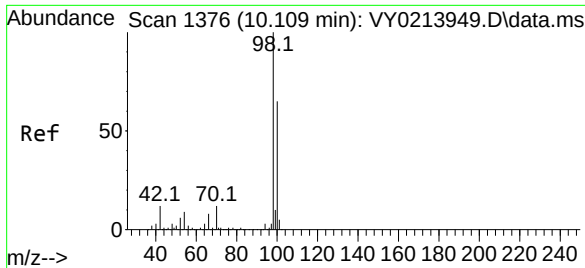
Ion Ratio Lower Upper

113 100

111 103.3 82.0 123.0

192 19.7 15.9 23.9





#50

Toluene-d8

Concen: 48.825 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021629.D

Acq: 25 Mar 2025 12:04

Instrument :

MSVOA_Y

ClientSampleId :

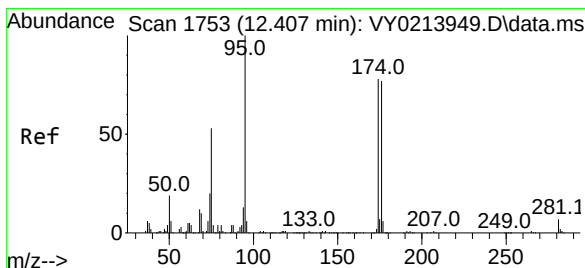
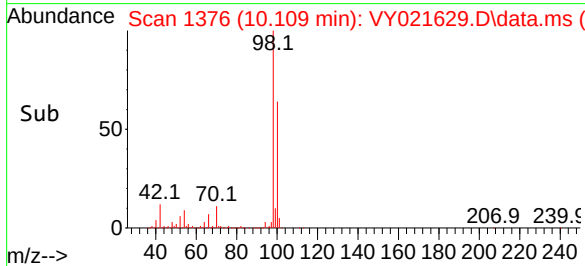
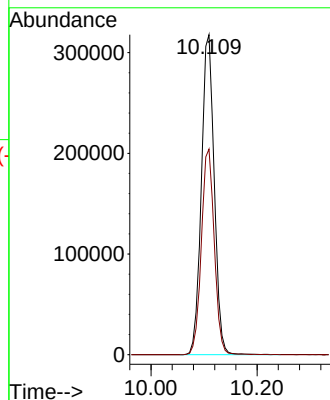
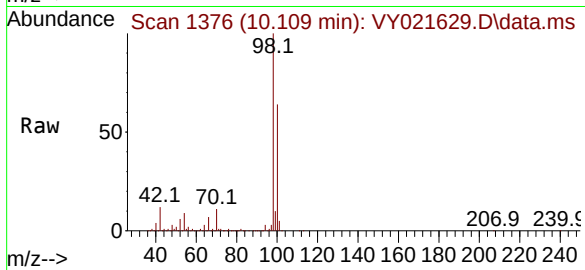
VY0325SBL01

Tgt Ion: 98 Resp: 534999

Ion Ratio Lower Upper

98 100

100 64.5 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 42.727 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY021629.D

Acq: 25 Mar 2025 12:04

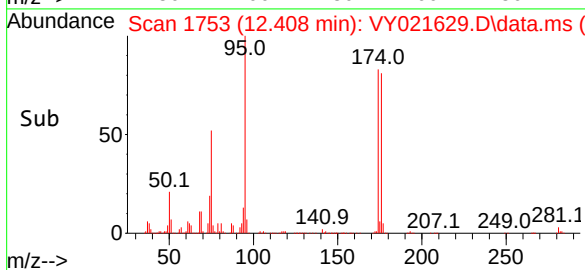
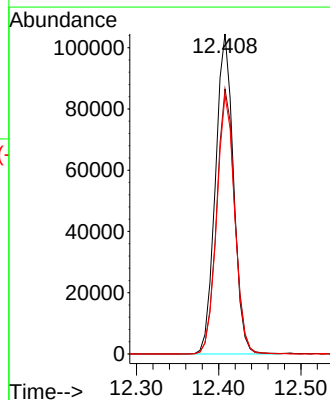
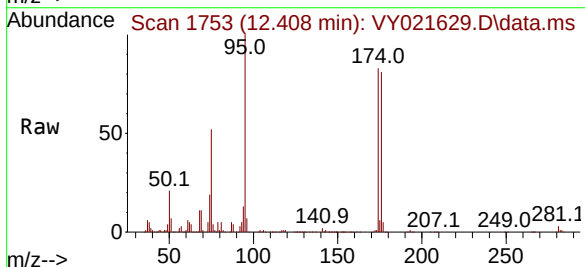
Tgt Ion: 95 Resp: 159255

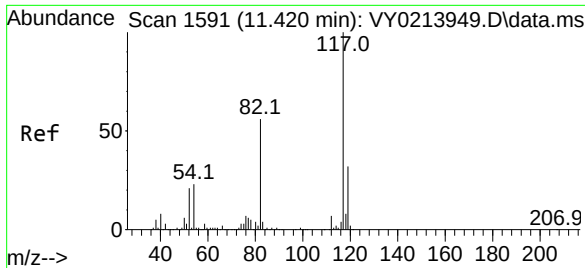
Ion Ratio Lower Upper

95 100

174 83.1 0.0 165.0

176 80.4 0.0 160.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021629.D

Acq: 25 Mar 2025 12:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBL01

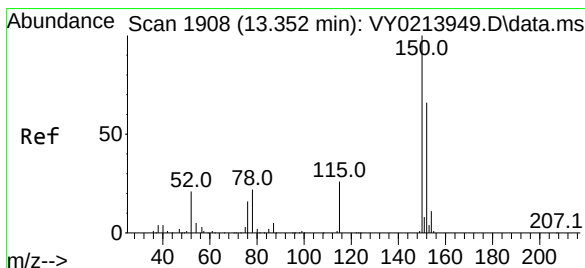
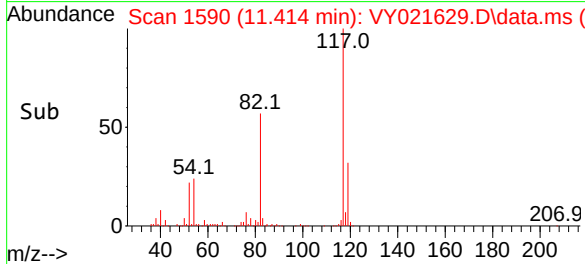
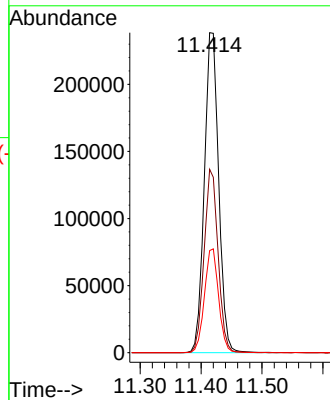
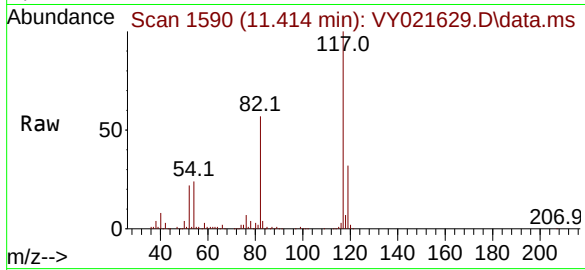
Tgt Ion:117 Resp: 390435

Ion Ratio Lower Upper

117 100

82 57.3 44.6 67.0

119 31.9 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY021629.D

Acq: 25 Mar 2025 12:04

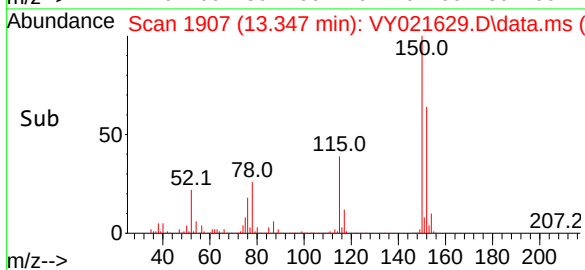
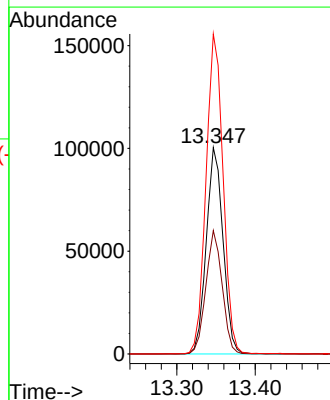
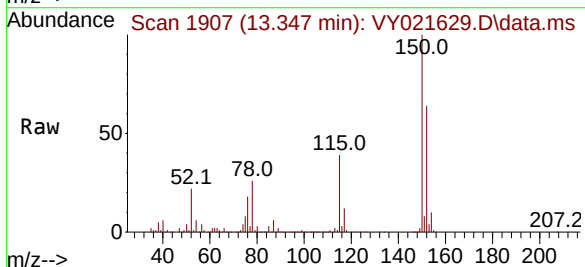
Tgt Ion:152 Resp: 148940

Ion Ratio Lower Upper

152 100

115 58.3 29.0 87.0

150 157.5 0.0 347.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032525\
Data File : VY021629.D
Acq On : 25 Mar 2025 12:04
Operator : SY/MD
Sample : VY0325SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBL01

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M

Title : SW846 8260

Signal : TIC: VY021629.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.634	958	970	976	rBV	206454	507024	35.31%	7.112%
2	7.707	976	982	994	rVB	310975	707453	49.27%	9.923%
3	8.061	1030	1040	1054	rBV	177025	396049	27.58%	5.555%
4	8.616	1122	1131	1144	rBV	523859	1047010	72.92%	14.685%
5	10.109	1367	1376	1384	rBV	840007	1435931	100.00%	20.140%
6	10.512	1434	1442	1449	rVB3	7753	14465	1.01%	0.203%
7	11.414	1582	1590	1603	rBV	756961	1230530	85.70%	17.259%
8	12.408	1744	1753	1764	rBV	550117	864511	60.21%	12.126%
9	13.347	1901	1907	1915	rVB	619985	926660	64.53%	12.997%

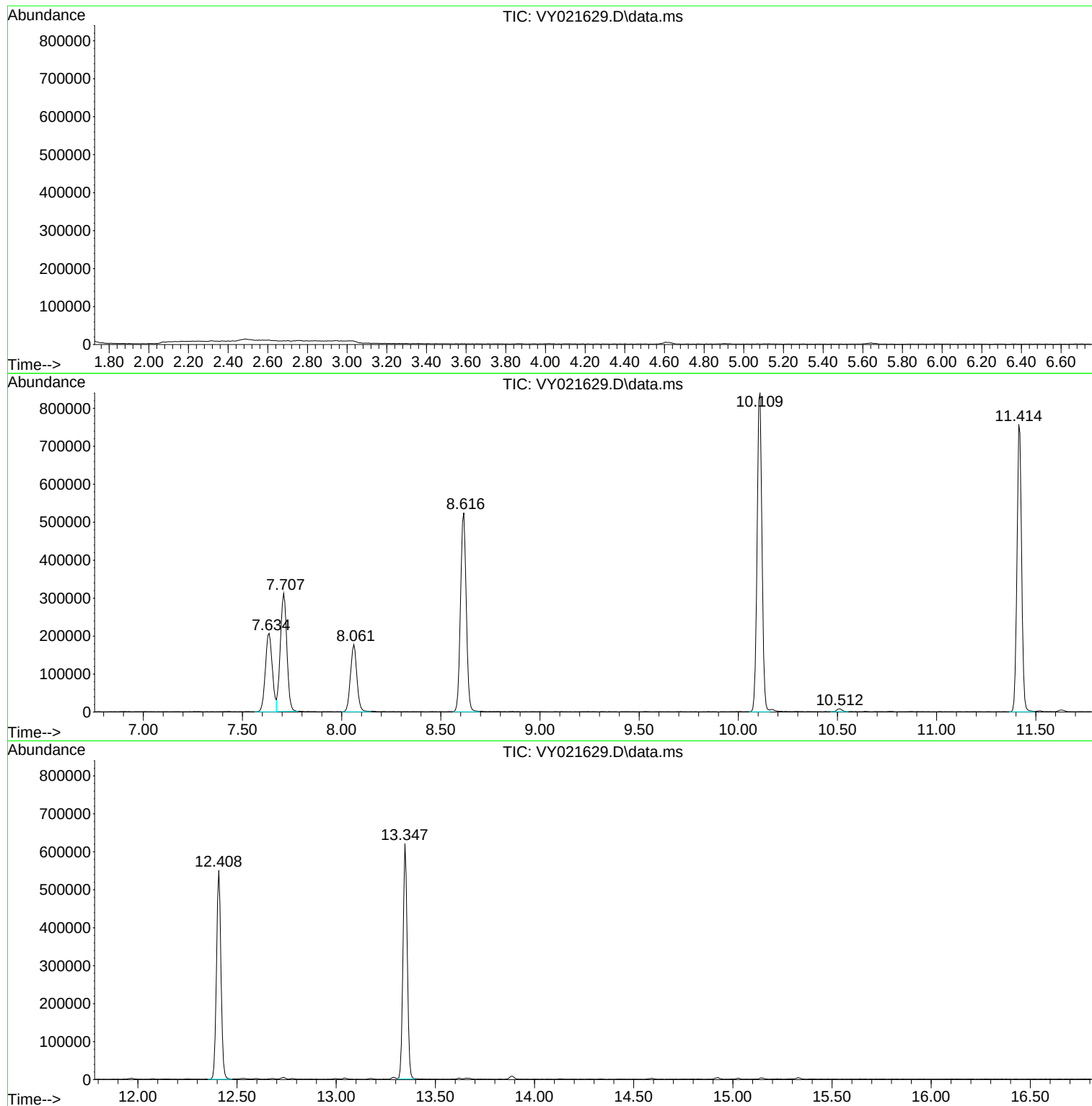
Sum of corrected areas: 7129633

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032525\
Data File : VY021629.D
Acq On : 25 Mar 2025 12:04
Operator : SY/MD
Sample : VY0325SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032525\
Data File : VY021629.D
Acq On : 25 Mar 2025 12:04
Operator : SY/MD
Sample : VY0325SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032525\
Data File : VY021629.D
Acq On : 25 Mar 2025 12:04
Operator : SY/MD
Sample : VY0325SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	VY0325SBS01	SDG No.:	Q1626
Lab Sample ID:	VY0325SBS01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021630.D	1		03/25/25 12:36	VY032525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	17.7		1.10	5.00	ug/Kg
74-87-3	Chloromethane	18.8		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	20.9		0.79	5.00	ug/Kg
74-83-9	Bromomethane	21.4		1.10	5.00	ug/Kg
75-00-3	Chloroethane	23.3		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	23.3		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	20.8		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	20.0		1.00	5.00	ug/Kg
67-64-1	Acetone	90.1		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	16.1		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	22.7		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	26.0		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	21.3		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	19.7		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	22.0		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	17.8		0.79	5.00	ug/Kg
78-93-3	2-Butanone	110		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	20.6		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	21.3		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	21.6		1.20	5.00	ug/Kg
67-66-3	Chloroform	22.4		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	21.4		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	17.5		0.91	5.00	ug/Kg
71-43-2	Benzene	20.0		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	22.0		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	20.5		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	21.6		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	22.0		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	120		3.60	25.0	ug/Kg
108-88-3	Toluene	20.6		0.78	5.00	ug/Kg

Report of Analysis

Client:	Walsh Construction Company II, LLC		Date Collected:	
Project:	Walsh CO-032 Sampling		Date Received:	
Client Sample ID:	VY0325SBS01		SDG No.:	Q1626
Lab Sample ID:	VY0325SBS01		Matrix:	SOIL
Analytical Method:	SW8260		% Solid:	100
Sample Wt/Vol:	5	Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021630.D	1		03/25/25 12:36	VY032525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	20.9		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	21.1		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	23.5		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	120		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	22.8		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	22.0		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	24.3		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	20.7		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	19.8		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	40.3		1.20	10.0	ug/Kg
95-47-6	o-Xylene	20.3		0.82	5.00	ug/Kg
100-42-5	Styrene	20.8		0.71	5.00	ug/Kg
75-25-2	Bromoform	23.2		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	19.5		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	21.3		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	20.6		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	20.8		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	21.5		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	23.0		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	21.3		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	21.8		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.6		63 - 155	111%	SPK: 50
1868-53-7	Dibromofluoromethane	52.4		70 - 134	105%	SPK: 50
2037-26-5	Toluene-d8	50.4		74 - 123	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.3		38 - 136	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	177000	7.707			
540-36-3	1,4-Difluorobenzene	283000	8.616			
3114-55-4	Chlorobenzene-d5	250000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	132000	13.347			

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	VY0325SBS01	SDG No.:	Q1626
Lab Sample ID:	VY0325SBS01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021630.D	1		03/25/25 12:36	VY032525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032525\
 Data File : VY021630.D
 Acq On : 25 Mar 2025 12:36
 Operator : SY/MD
 Sample : VY0325SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0325SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
 Supervised By :Semsettin Yesilyurt 03/26/2025

Quant Time: Mar 26 01:35:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	176531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	283151	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	250065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	132222	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.061	65	103748	55.604	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.200%	
35) Dibromofluoromethane	7.628	113	97464	52.366	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.740%	
50) Toluene-d8	10.109	98	354916	50.364	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.720%	
62) 4-Bromofluorobenzene	12.408	95	122981	51.304	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.600%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	28716	17.726	ug/l	90
3) Chloromethane	2.068	50	43044	18.847	ug/l	100
4) Vinyl Chloride	2.202	62	52141	20.891	ug/l	96
5) Bromomethane	2.586	94	38585	21.390	ug/l	96
6) Chloroethane	2.733	64	38504	23.344	ug/l	89
7) Trichlorofluoromethane	3.056	101	81121	23.286	ug/l	99
8) Diethyl Ether	3.452	74	21743	22.522	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.812	101	41416	20.823	ug/l	98
10) Methyl Iodide	4.007	142	37567	18.581	ug/l	98
11) Tert butyl alcohol	4.860	59	15573	116.322	ug/l	97
12) 1,1-Dichloroethene	3.787	96	36270	20.002	ug/l	98
13) Acrolein	3.653	56	7762	81.789	ug/l	95
14) Allyl chloride	4.379	41	60128	20.518	ug/l	99
15) Acrylonitrile	5.061	53	50440	122.733	ug/l	100
16) Acetone	3.867	43	36655	90.072	ug/l	90
17) Carbon Disulfide	4.104	76	91291	16.064	ug/l	98
18) Methyl Acetate	4.385	43	23486	26.010	ug/l	97
19) Methyl tert-butyl Ether	5.110	73	104343	22.703	ug/l	99
20) Methylene Chloride	4.616	84	45582	21.338	ug/l	97
21) trans-1,2-Dichloroethene	5.104	96	40053	19.723	ug/l	90
22) Diisopropyl ether	6.013	45	142346	22.539	ug/l	99
23) Vinyl Acetate	5.958	43	399928	110.960	ug/l	100
24) 1,1-Dichloroethane	5.915	63	81980	21.994	ug/l	99
25) 2-Butanone	6.890	43	60496	107.464	ug/l	97
26) 2,2-Dichloropropane	6.878	77	66852	19.493	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	49092	21.279	ug/l	97
28) Bromochloromethane	7.238	49	33797	21.628	ug/l	100
29) Tetrahydrofuran	7.256	42	41514	119.454	ug/l	98
30) Chloroform	7.415	83	86531	22.357	ug/l	99
31) Cyclohexane	7.701	56	62315	17.833	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	75843	21.401	ug/l	99
36) 1,1-Dichloropropene	7.829	75	56805	19.498	ug/l	99
37) Ethyl Acetate	6.982	43	29583	22.974	ug/l	99
38) Carbon Tetrachloride	7.811	117	68871	20.555	ug/l	99
39) Methylcyclohexane	9.110	83	62410	17.464	ug/l	99
40) Benzene	8.079	78	171451	19.978	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032525\
 Data File : VY021630.D
 Acq On : 25 Mar 2025 12:36
 Operator : SY/MD
 Sample : VY0325SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0325SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
 Supervised By :Semsettin Yesilyurt 03/26/2025

Quant Time: Mar 26 01:35:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	15644	22.312	ug/l #	92
42) 1,2-Dichloroethane	8.158	62	52741	21.967	ug/l	100
43) Isopropyl Acetate	8.195	43	56559	22.626	ug/l #	87
44) Trichloroethene	8.866	130	44397	20.472	ug/l	93
45) 1,2-Dichloropropane	9.140	63	44210	21.645	ug/l	99
46) Dibromomethane	9.231	93	26168	23.025	ug/l	97
47) Bromodichloromethane	9.420	83	66249	21.950	ug/l	98
48) Methyl methacrylate	9.219	41	25028	21.804	ug/l	98
49) 1,4-Dioxane	9.225	88	5816	521.380	ug/l #	89
51) 4-Methyl-2-Pentanone	10.000	43	152367	118.137	ug/l	99
52) Toluene	10.170	92	111579	20.622	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	55655	20.930	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	66554	21.081	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	34878	23.461	ug/l	97
56) Ethyl methacrylate	10.439	69	41111	21.683	ug/l	98
57) 1,3-Dichloropropane	10.713	76	57134	22.174	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	96365	110.101	ug/l	99
59) 2-Hexanone	10.762	43	98176	115.120	ug/l	99
60) Dibromochloromethane	10.914	129	46468	22.800	ug/l	99
61) 1,2-Dibromoethane	11.018	107	30921	22.038	ug/l	100
64) Tetrachloroethene	10.646	164	49319	24.254	ug/l	98
65) Chlorobenzene	11.444	112	121952	20.652	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	45445	21.767	ug/l	98
67) Ethyl Benzene	11.518	91	205518	19.829	ug/l	99
68) m/p-Xylenes	11.627	106	158750	40.343	ug/l	100
69) o-Xylene	11.957	106	73638	20.305	ug/l	99
70) Styrene	11.969	104	125265	20.821	ug/l	99
71) Bromoform	12.133	173	27077	23.201	ug/l #	100
73) Isopropylbenzene	12.255	105	203137	19.503	ug/l	100
74) N-amyl acetate	12.072	43	46989	20.774	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	39089	21.267	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	29359m	22.035	ug/l	
77) Bromobenzene	12.536	156	49214	20.197	ug/l	99
78) n-propylbenzene	12.597	91	246203	19.464	ug/l	100
79) 2-Chlorotoluene	12.682	91	144142	19.929	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	167672	19.809	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	11184	19.082	ug/l	97
82) 4-Chlorotoluene	12.780	91	151082	20.172	ug/l	98
83) tert-Butylbenzene	12.999	119	148747	19.699	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	167186	19.894	ug/l	100
85) sec-Butylbenzene	13.176	105	224835	20.013	ug/l	99
86) p-Isopropyltoluene	13.292	119	185291	20.019	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	99696	20.554	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	98800	20.828	ug/l	100
89) n-Butylbenzene	13.621	91	169151	19.791	ug/l	100
90) Hexachloroethane	13.877	117	41721	21.130	ug/l	98
91) 1,2-Dichlorobenzene	13.658	146	89456	21.518	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6323	22.966	ug/l	92
93) 1,2,4-Trichlorobenzene	14.926	180	48445	21.335	ug/l	98
94) Hexachlorobutadiene	15.023	225	30799	21.638	ug/l	99
95) Naphthalene	15.145	128	78521	22.447	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	41642	21.805	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032525\
Data File : VY021630.D
Acq On : 25 Mar 2025 12:36
Operator : SY/MD
Sample : VY0325SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025

Quant Time: Mar 26 01:35:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

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

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

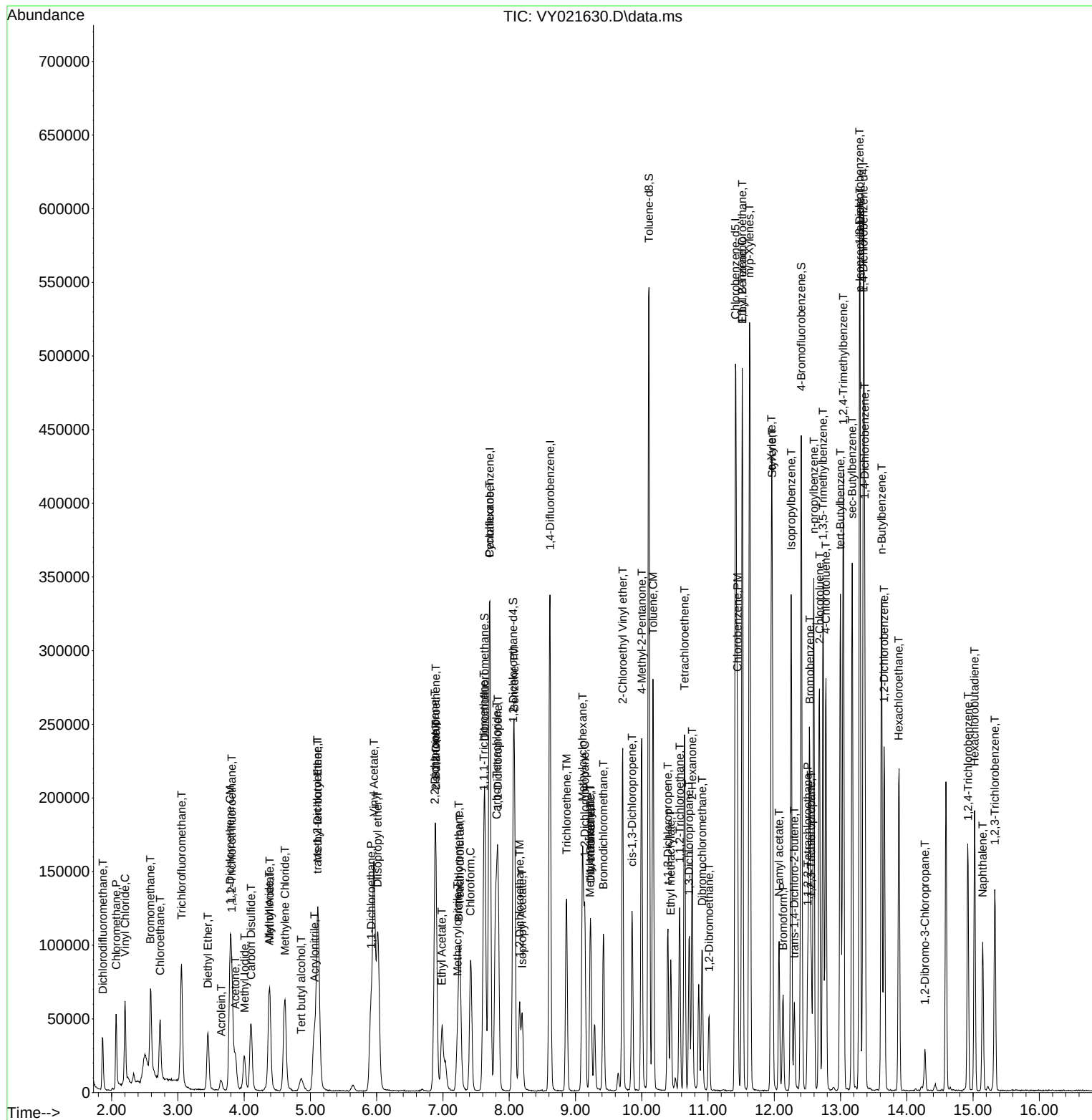
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Data File : VY021630.D
Acq On : 25 Mar 2025 12:36
Operator : SY/MD
Sample : VY0325SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

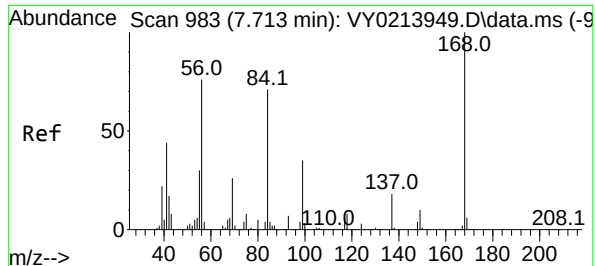
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

Manual Integrations

Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025

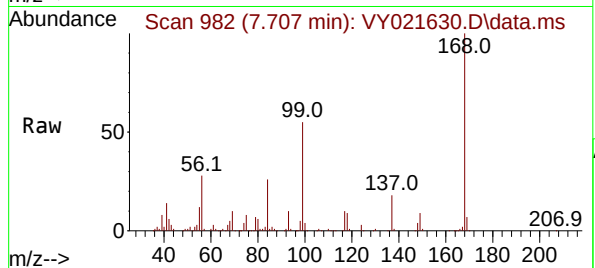
Quant Time: Mar 26 01:35:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

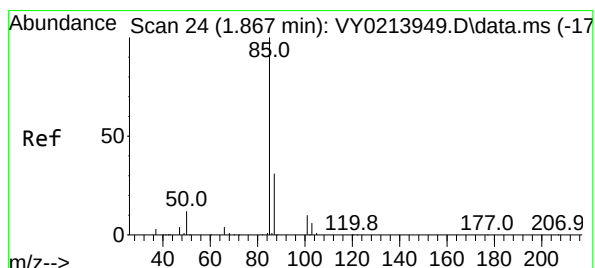
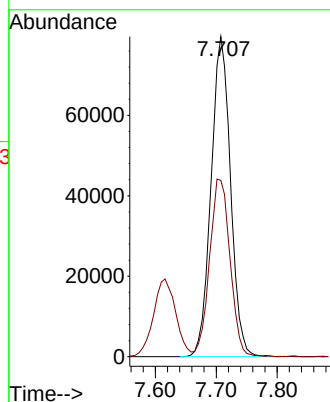
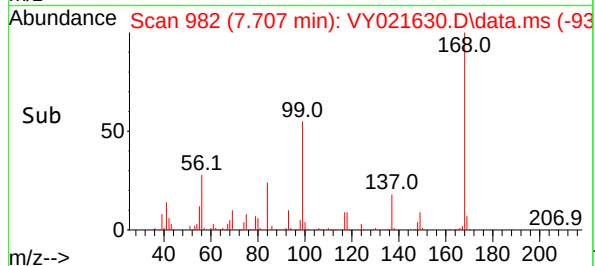
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01



Tgt Ion:168 Resp: 17653
Ion Ratio Lower Upper
168 100
99 55.0 46.0 69.0

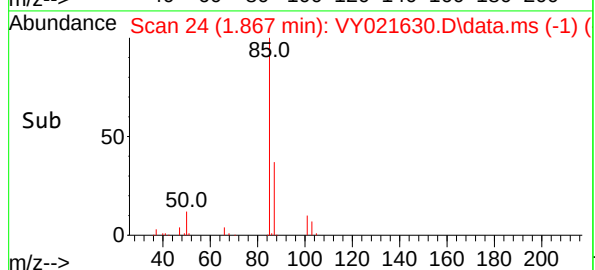
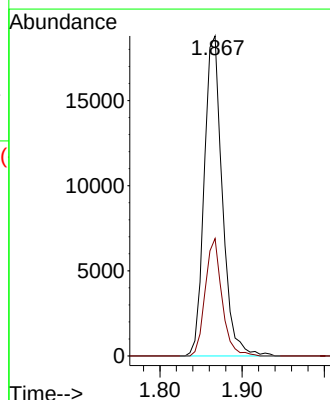
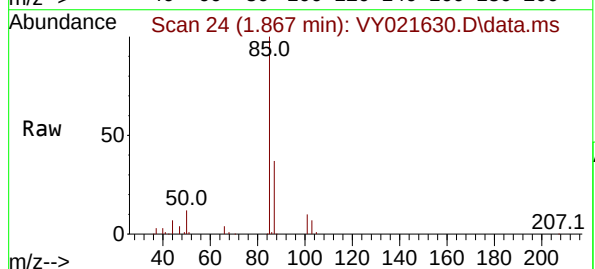
Manual Integrations
APPROVED

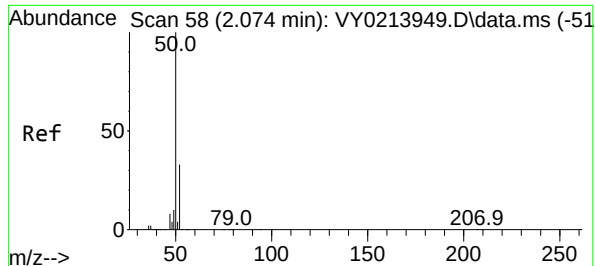
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#2
Dichlorodifluoromethane
Concen: 17.726 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

Tgt Ion: 85 Resp: 28716
Ion Ratio Lower Upper
85 100
87 36.7 15.7 47.0





#3

Chloromethane

Concen: 18.847 ug/l

RT: 2.068 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

Tgt Ion: 50 Resp: 4304

Ion Ratio Lower Upper

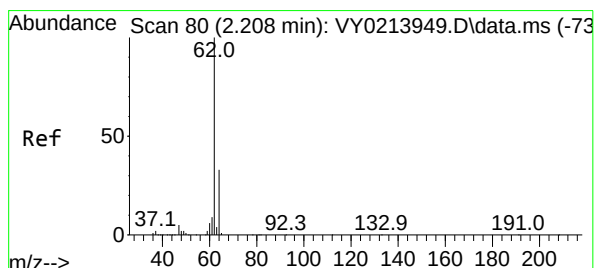
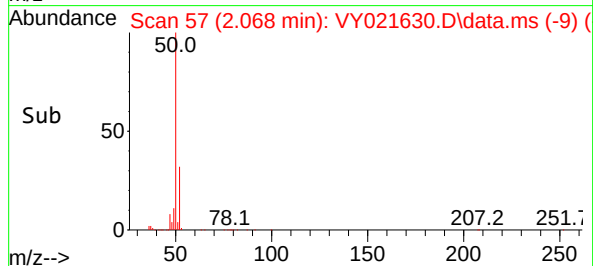
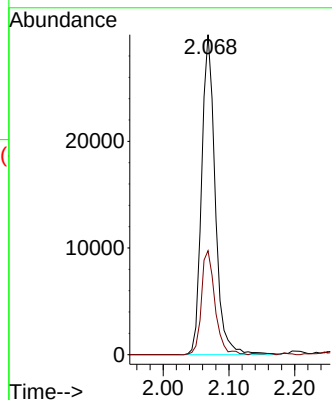
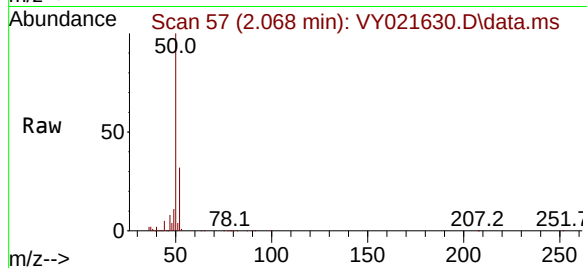
50 100

52 32.5 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#4

Vinyl Chloride

Concen: 20.891 ug/l

RT: 2.202 min Scan# 79

Delta R.T. -0.006 min

Lab File: VY021630.D

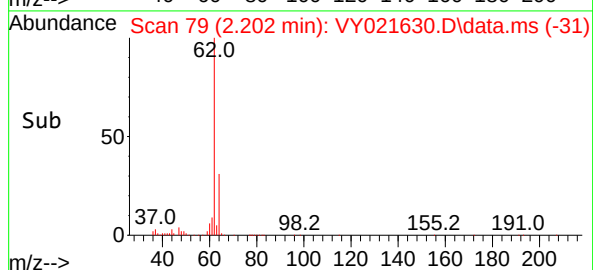
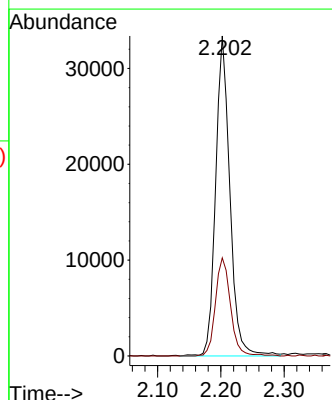
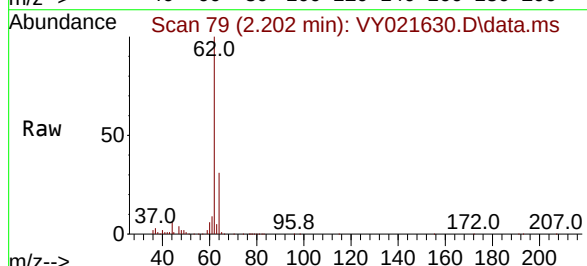
Acq: 25 Mar 2025 12:36

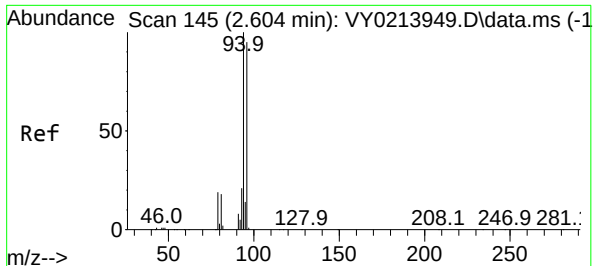
Tgt Ion: 62 Resp: 52141

Ion Ratio Lower Upper

62 100

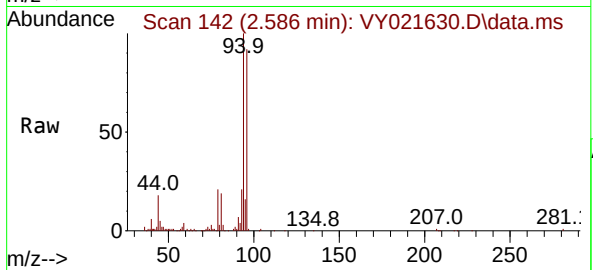
64 30.7 26.2 39.2





#5
Bromomethane
Concen: 21.390 ug/l
RT: 2.586 min Scan# 145
Delta R.T. -0.018 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

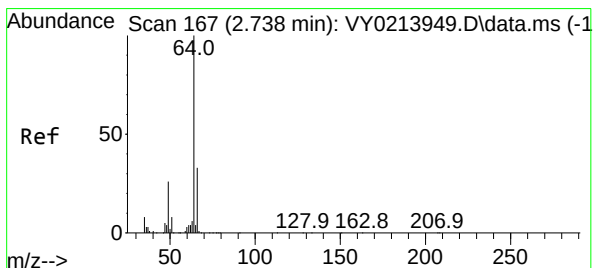
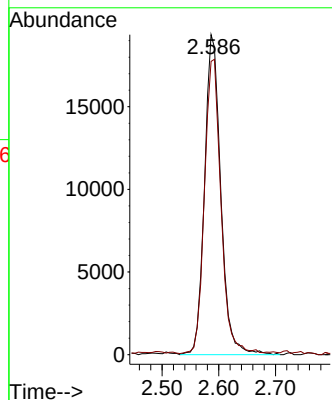
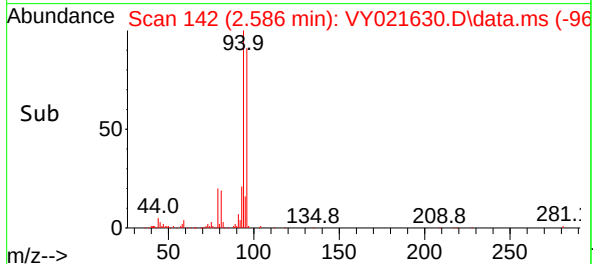
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01



Tgt Ion: 94 Resp: 3858
Ion Ratio Lower Upper
94 100
96 91.3 76.3 114.5

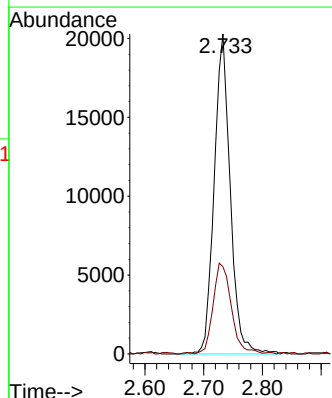
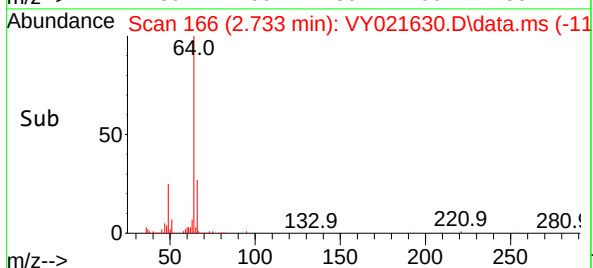
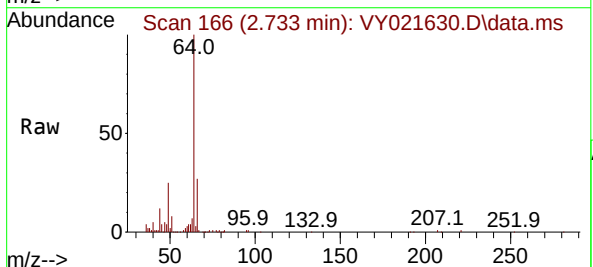
Manual Integrations
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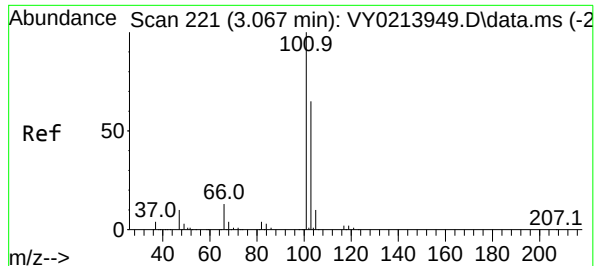
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#6
Chloroethane
Concen: 23.344 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

Tgt Ion: 64 Resp: 38504
Ion Ratio Lower Upper
64 100
66 27.3 26.7 40.1





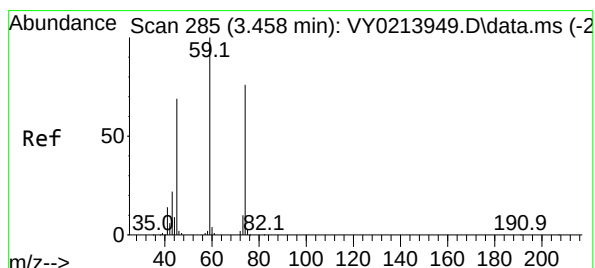
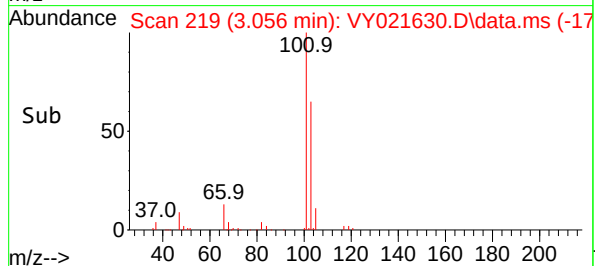
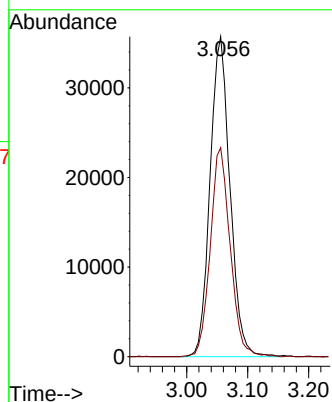
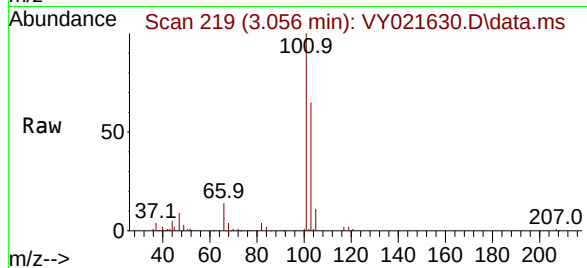
#7
Trichlorofluoromethane
Concen: 23.286 ug/l
RT: 3.056 min Scan# 211
Delta R.T. -0.012 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

Tgt Ion:101 Resp: 8112
Ion Ratio Lower Upper
101 100
103 65.3 51.7 77.5

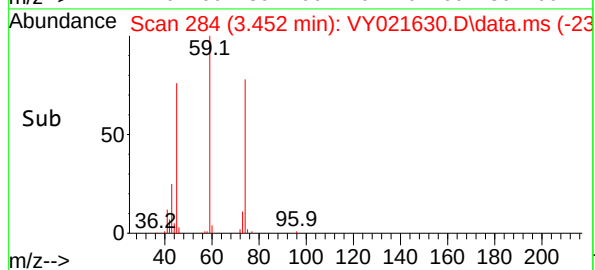
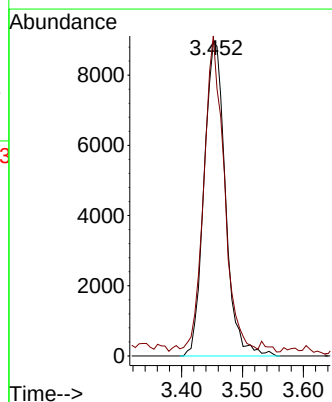
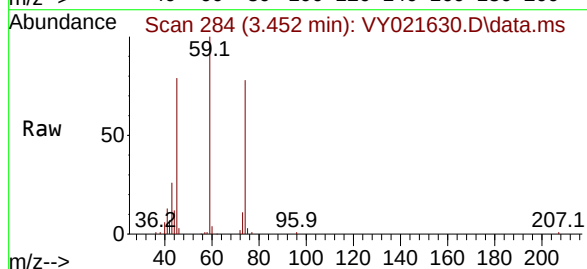
Manual Integrations
APPROVED

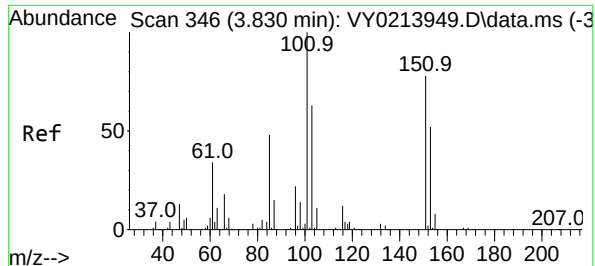
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#8
Diethyl Ether
Concen: 22.522 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.006 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

Tgt Ion: 74 Resp: 21743
Ion Ratio Lower Upper
74 100
45 94.8 49.7 149.1





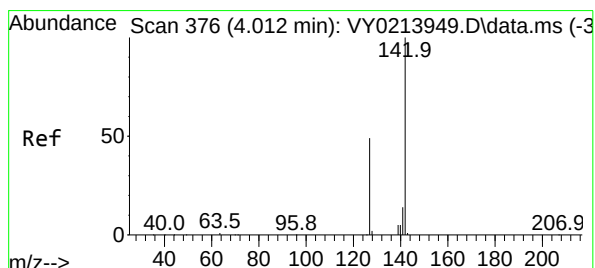
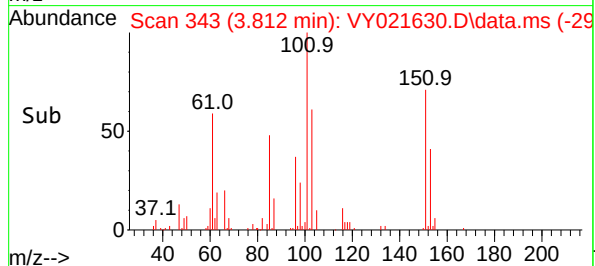
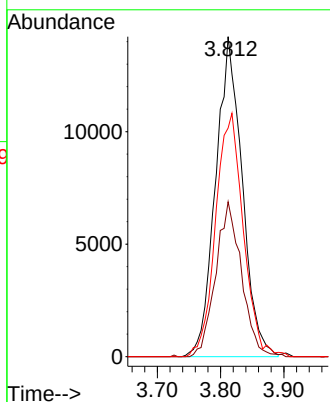
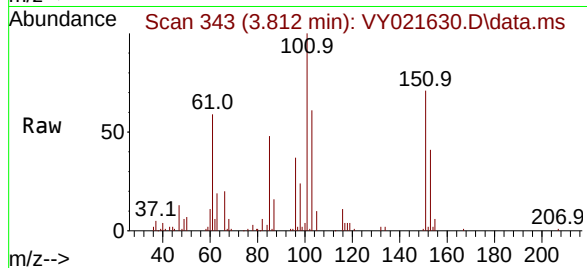
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.823 ug/l
RT: 3.812 min Scan# 346
Delta R.T. -0.018 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

Tgt Ion:101 Resp: 41410
Ion Ratio Lower Upper
101 100
85 47.1 37.1 55.7
151 79.4 62.1 93.1

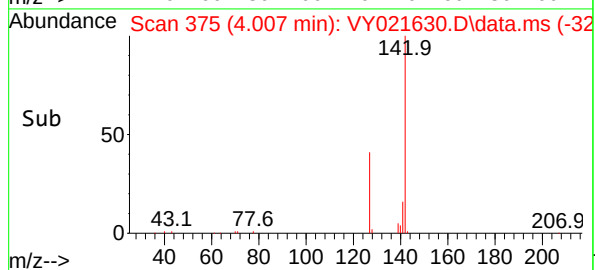
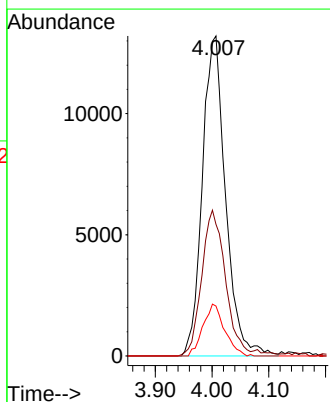
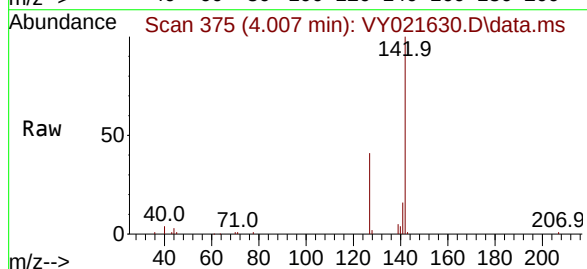
Manual Integrations
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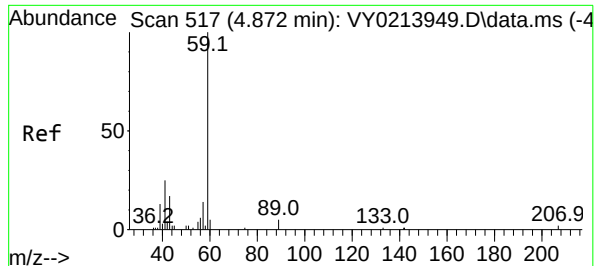
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#10
Methyl Iodide
Concen: 18.581 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.006 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

Tgt Ion:142 Resp: 37567
Ion Ratio Lower Upper
142 100
127 47.5 39.1 58.7
141 15.1 11.8 17.6





#11

Tert butyl alcohol

Concen: 116.322 ug/l

RT: 4.860 min Scan# 517

Delta R.T. -0.012 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

Tgt Ion: 59 Resp: 1557

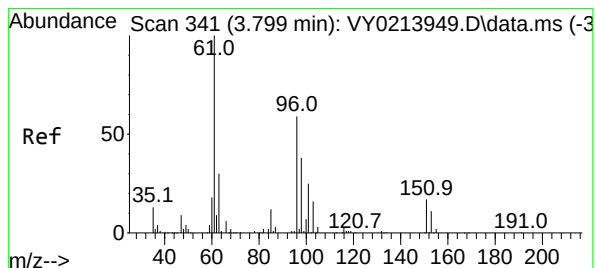
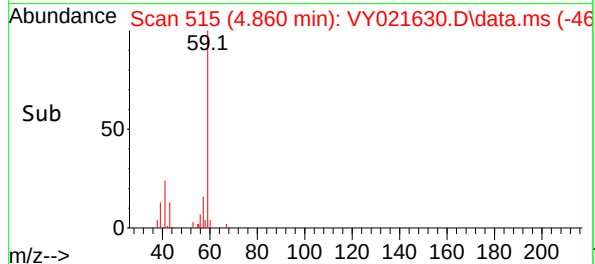
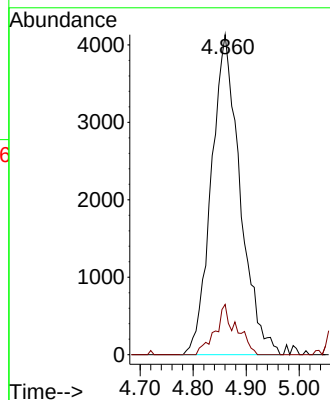
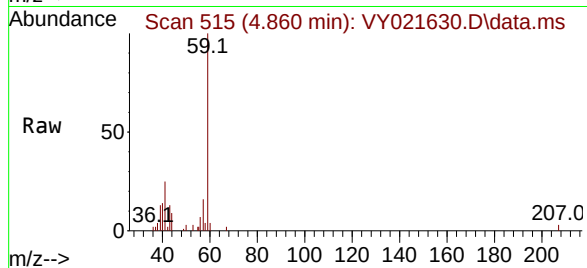
Ion Ratio Lower Upper

59 100

57 11.5 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025

#12

1,1-Dichloroethene

Concen: 20.002 ug/l

RT: 3.787 min Scan# 339

Delta R.T. -0.012 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

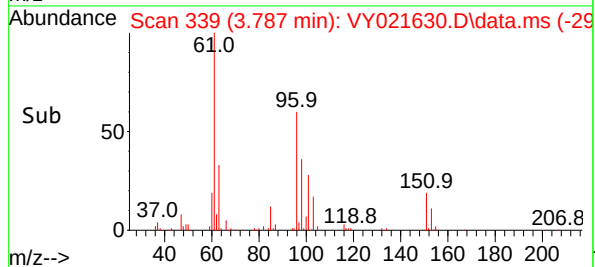
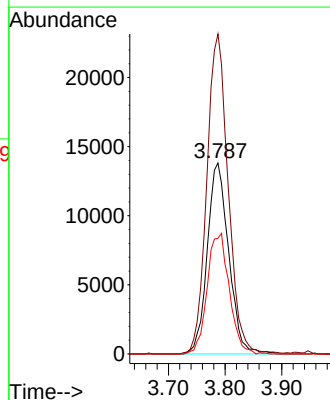
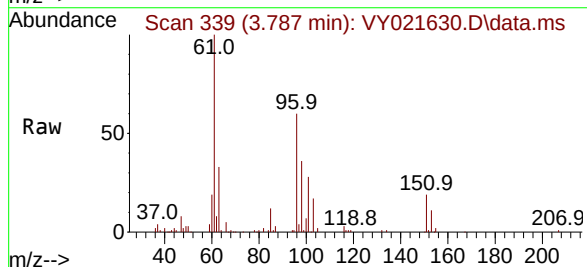
Tgt Ion: 96 Resp: 36270

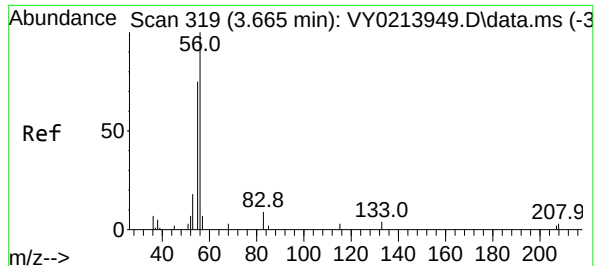
Ion Ratio Lower Upper

96 100

61 167.6 135.2 202.8

98 60.6 51.4 77.2





#13

Acrolein

Concen: 81.789 ug/l

RT: 3.653 min Scan# 317

Delta R.T. -0.012 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

Tgt Ion: 56 Resp: 776

Ion Ratio Lower Upper

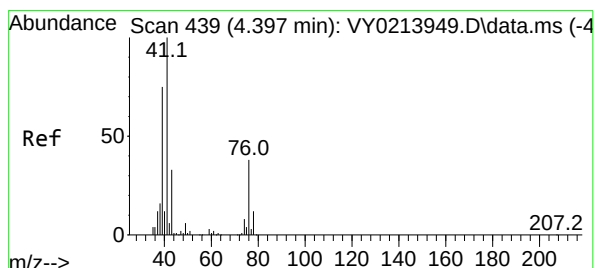
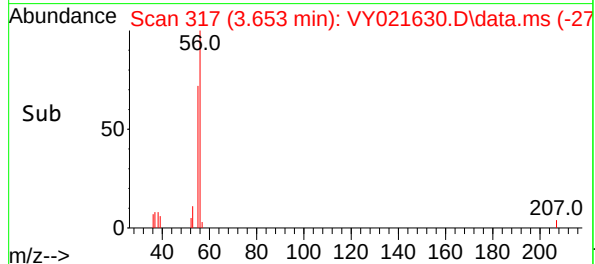
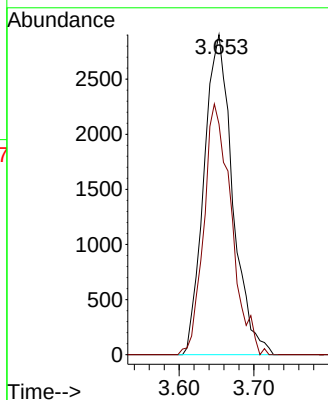
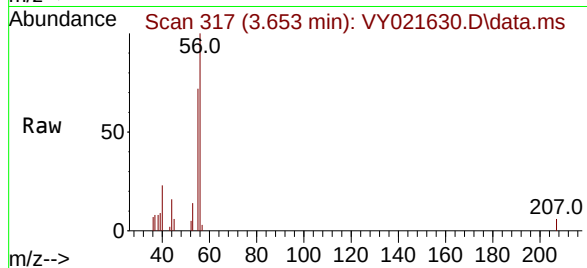
56 100

55 74.9 63.4 95.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/26/2025
 Supervised By :Semsettin Yesilyurt 03/26/2025



#14

Allyl chloride

Concen: 20.518 ug/l

RT: 4.379 min Scan# 436

Delta R.T. -0.018 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

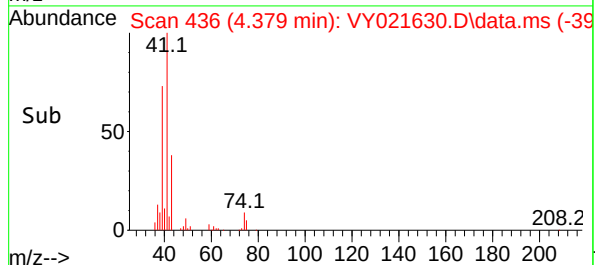
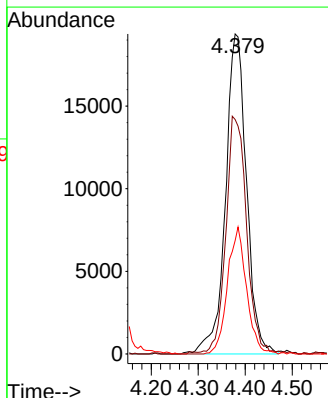
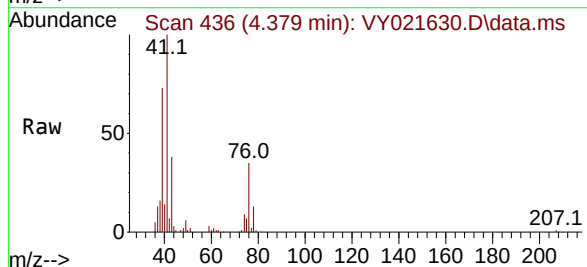
Tgt Ion: 41 Resp: 60128

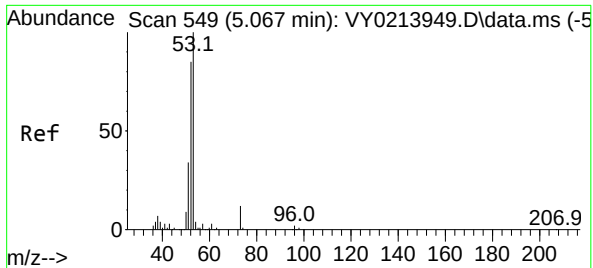
Ion Ratio Lower Upper

41 100

39 73.3 59.3 88.9

76 35.9 29.8 44.8





#15

Acrylonitrile

Concen: 122.733 ug/l

RT: 5.061 min Scan# 54

Delta R.T. -0.006 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Instrument :

MSVOA_Y

ClientSampleId :

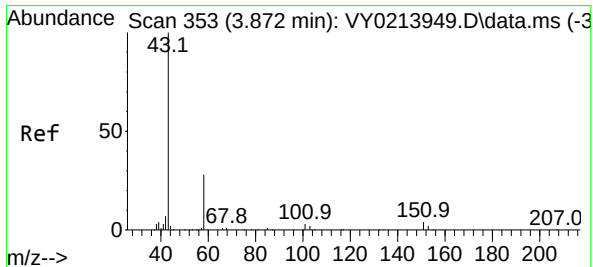
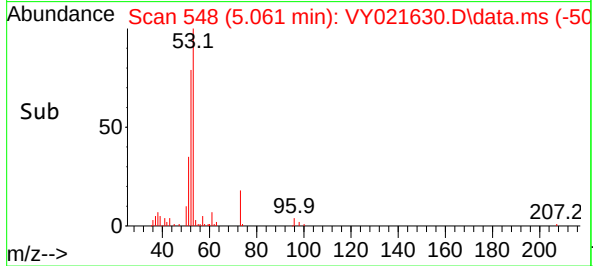
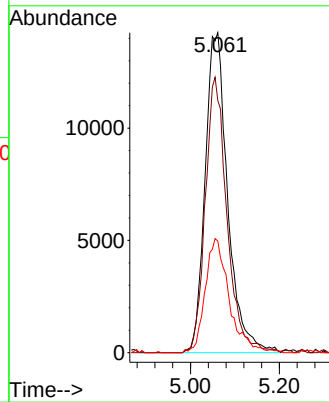
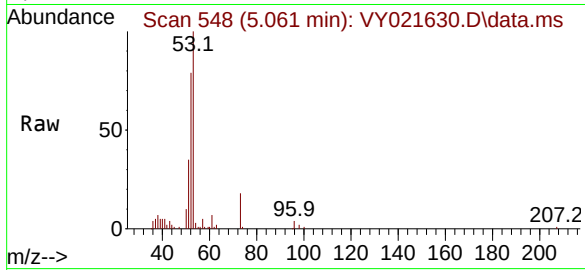
VY0325SBS01

Tgt Ion:	53	Resp:	50440
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.3	99.5
51	37.9	30.3	45.5

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#16

Acetone

Concen: 90.072 ug/l

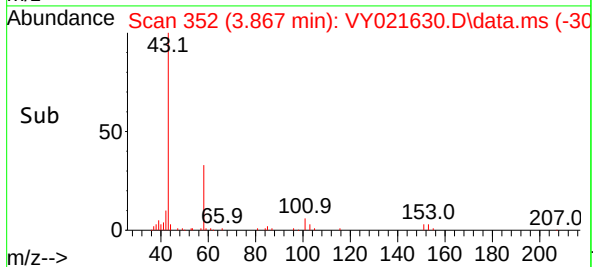
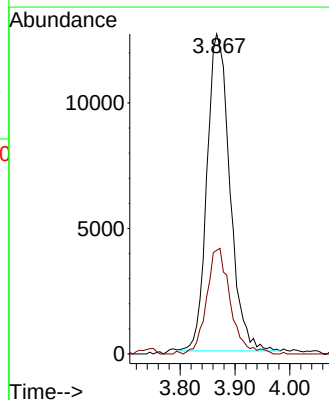
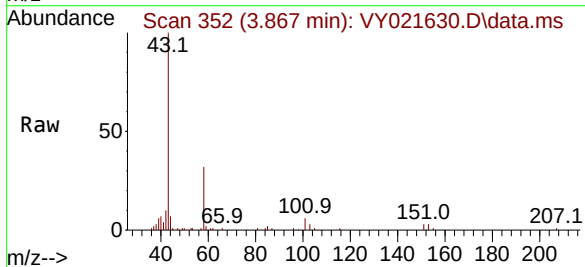
RT: 3.867 min Scan# 352

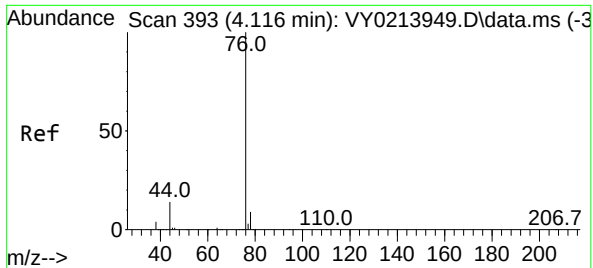
Delta R.T. -0.005 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Tgt Ion:	43	Resp:	36655
Ion	Ratio	Lower	Upper
43	100		
58	32.7	22.1	33.1





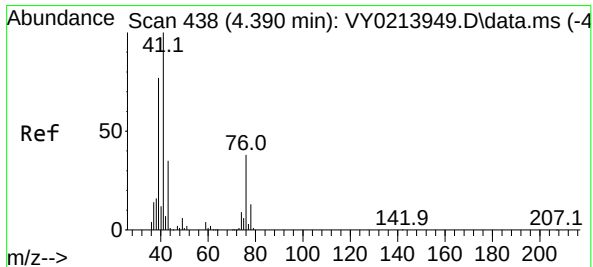
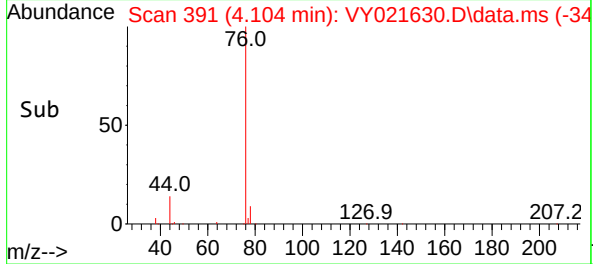
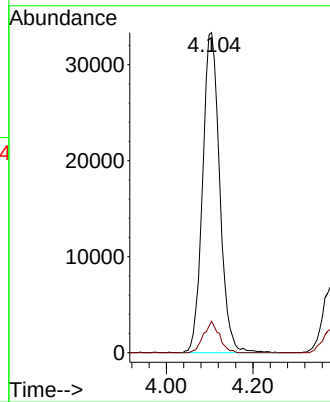
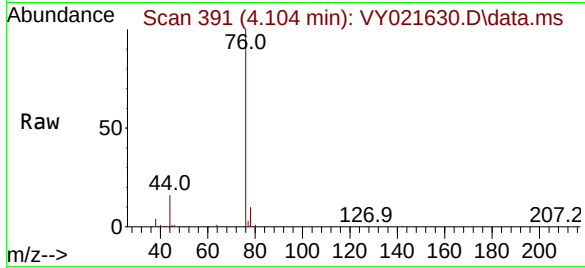
#17
Carbon Disulfide
Concen: 16.064 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

Tgt Ion: 76 Resp: 9129
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0

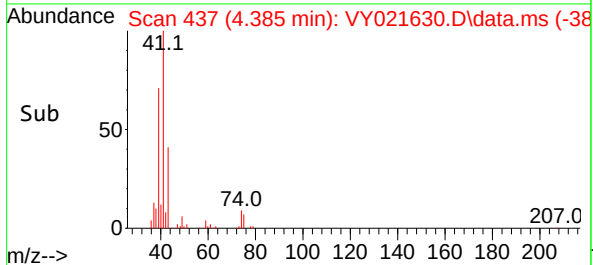
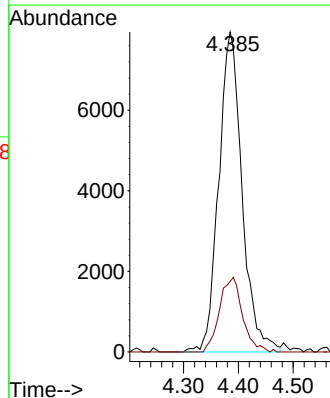
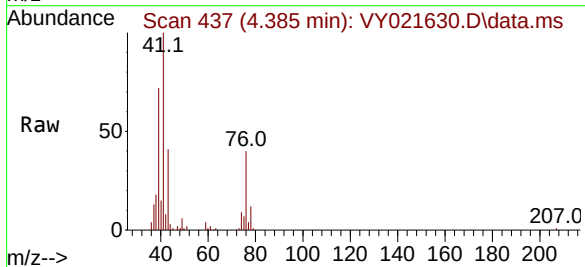
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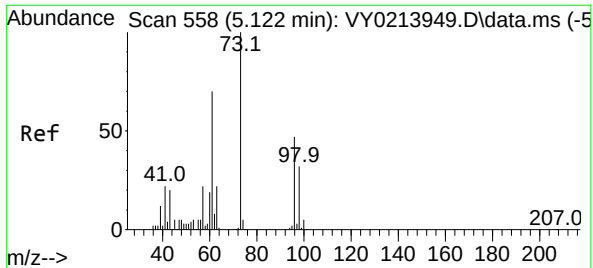
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#18
Methyl Acetate
Concen: 26.010 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

Tgt Ion: 43 Resp: 23486
Ion Ratio Lower Upper
43 100
74 23.0 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 22.703 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

Tgt Ion: 73 Resp: 10434

Ion Ratio Lower Upper

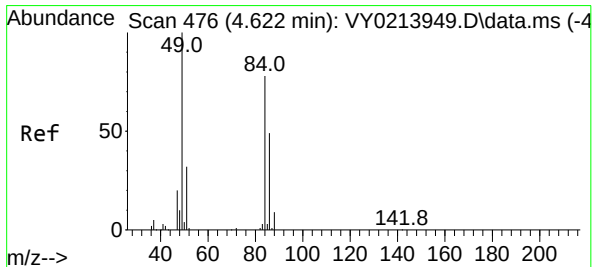
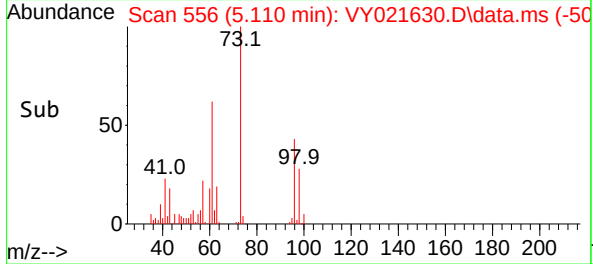
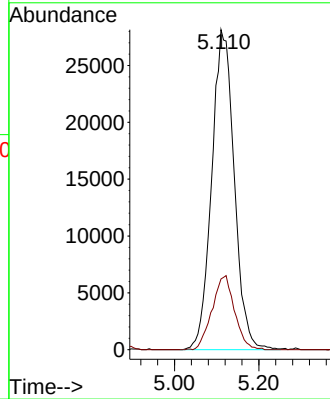
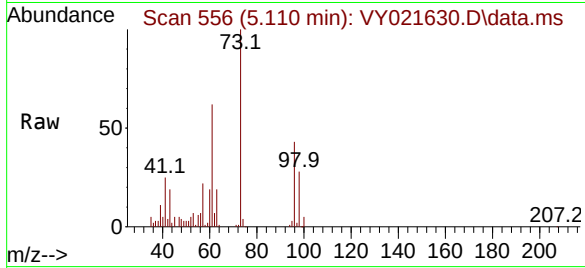
73 100

57 22.1 17.9 26.9

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/26/2025
 Supervised By :Semsettin Yesilyurt 03/26/2025



#20

Methylene Chloride

Concen: 21.338 ug/l

RT: 4.616 min Scan# 475

Delta R.T. -0.006 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Tgt Ion: 84 Resp: 45582

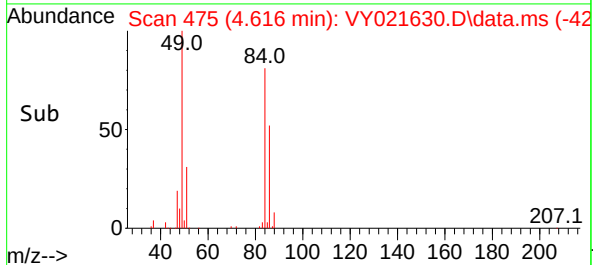
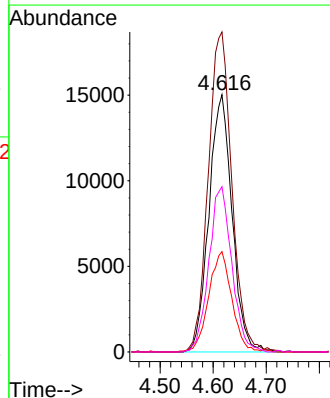
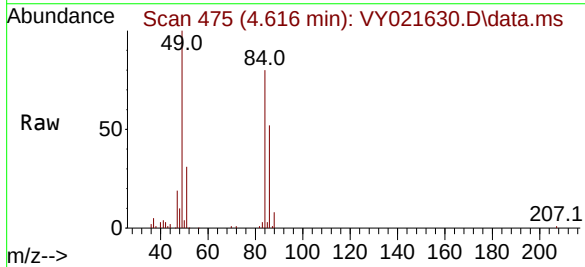
Ion Ratio Lower Upper

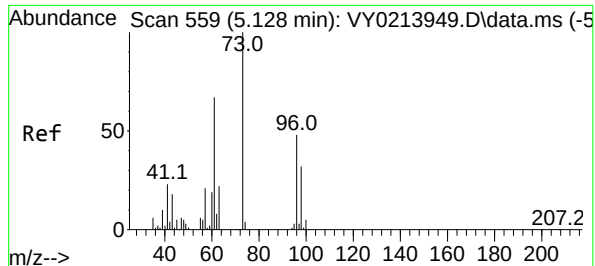
84 100

49 124.4 102.0 153.0

51 39.0 33.0 49.6

86 64.3 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 19.723 ug/l

RT: 5.104 min Scan# 51

Delta R.T. -0.024 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

Tgt Ion: 96 Resp: 4005

Ion Ratio Lower Upper

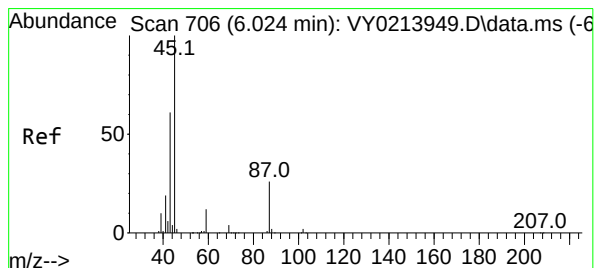
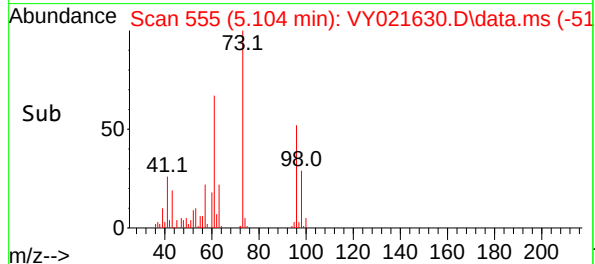
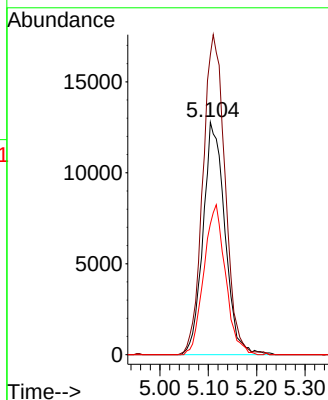
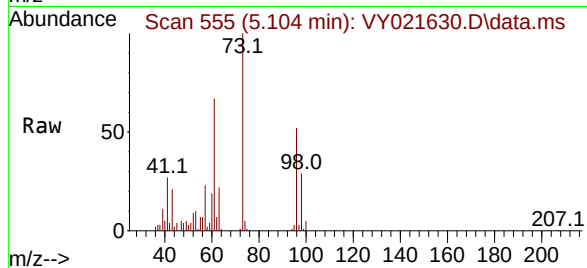
96 100

61 129.0 111.5 167.3

98 56.2 53.8 80.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025

#22

Diisopropyl ether

Concen: 22.539 ug/l

RT: 6.013 min Scan# 704

Delta R.T. -0.012 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Tgt Ion: 45 Resp: 142346

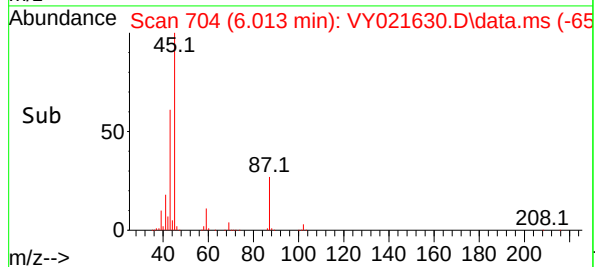
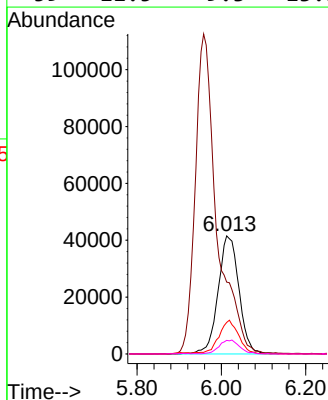
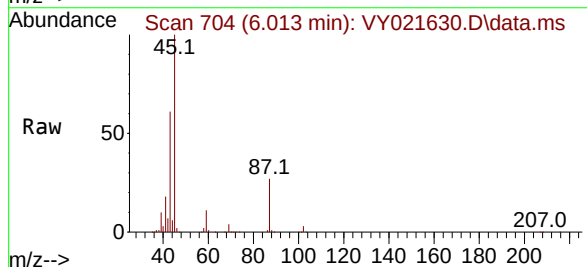
Ion Ratio Lower Upper

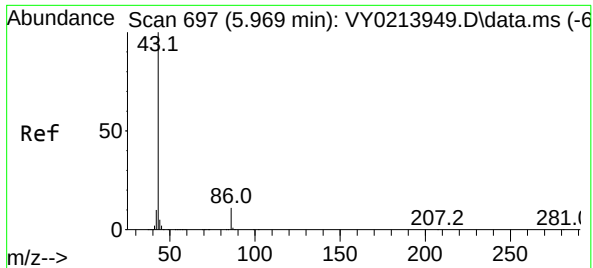
45 100

43 60.0 48.7 73.1

87 26.7 21.5 32.3

59 11.5 9.3 13.9





#23

Vinyl Acetate

Concen: 110.960 ug/l

RT: 5.958 min Scan# 69

Delta R.T. -0.012 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

Tgt Ion: 43 Resp: 399928

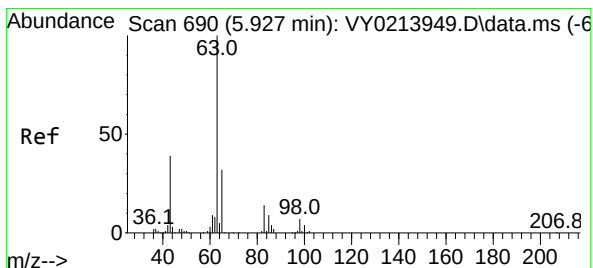
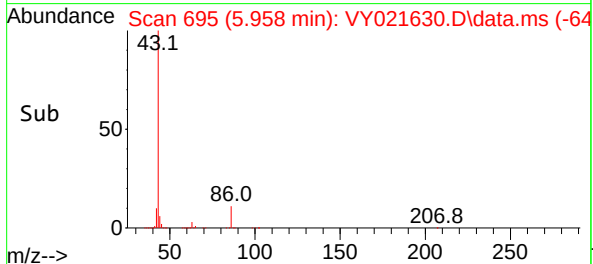
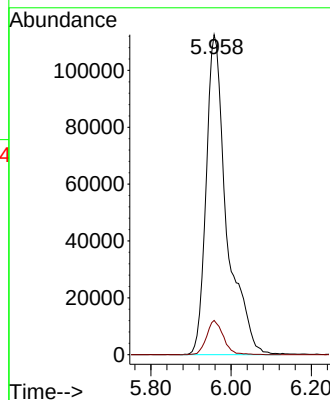
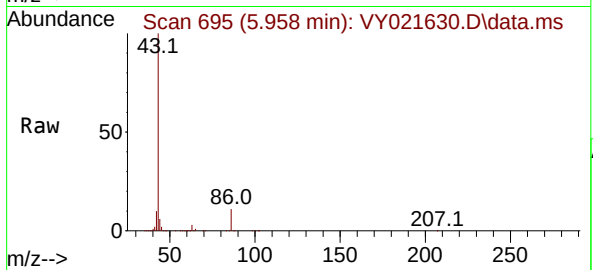
Ion Ratio Lower Upper

43 100

86 10.7 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025

#24

1,1-Dichloroethane

Concen: 21.994 ug/l

RT: 5.915 min Scan# 688

Delta R.T. -0.012 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

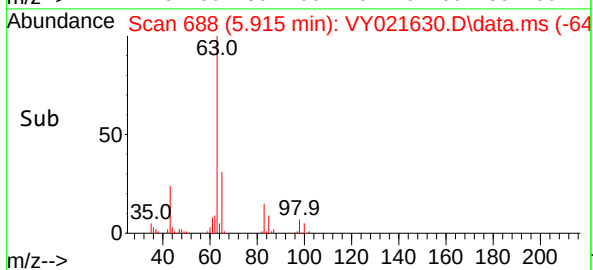
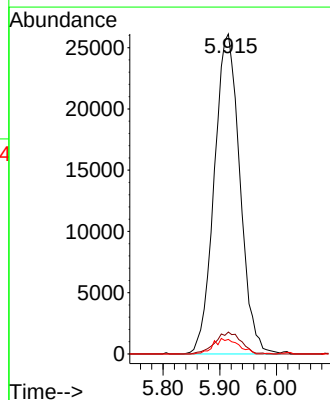
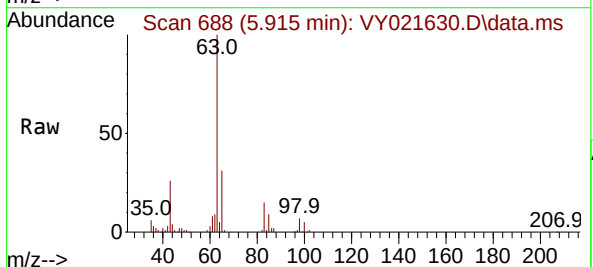
Tgt Ion: 63 Resp: 81980

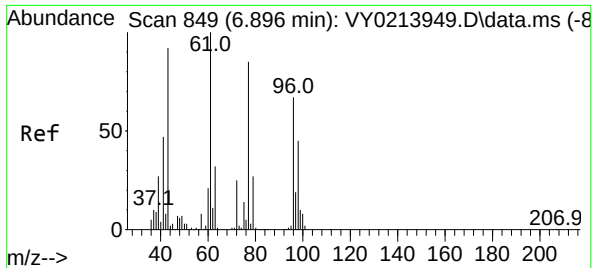
Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.9

100 4.5 2.1 6.5





#25

2-Butanone

Concen: 107.464 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

Tgt Ion: 43 Resp: 60490

Ion Ratio Lower Upper

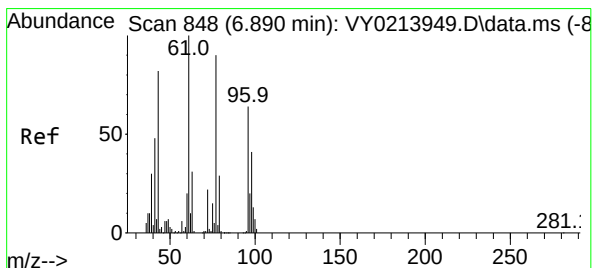
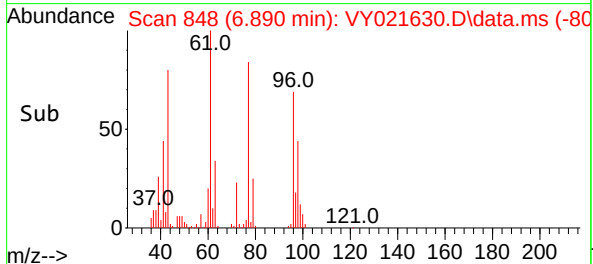
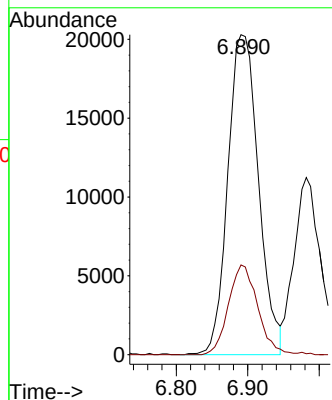
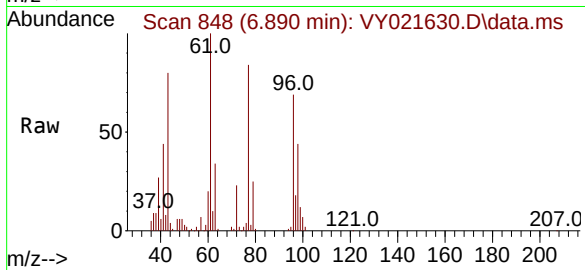
43 100

72 28.1 21.4 32.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
 Supervised By :Semsettin Yesilyurt 03/26/2025



#26

2,2-Dichloropropane

Concen: 19.493 ug/l

RT: 6.878 min Scan# 846

Delta R.T. -0.012 min

Lab File: VY021630.D

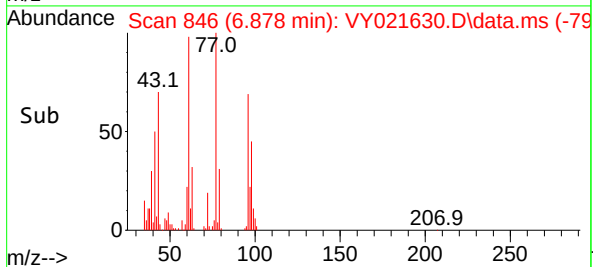
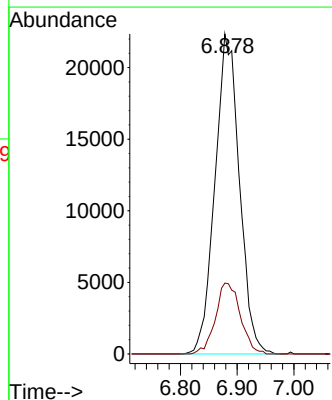
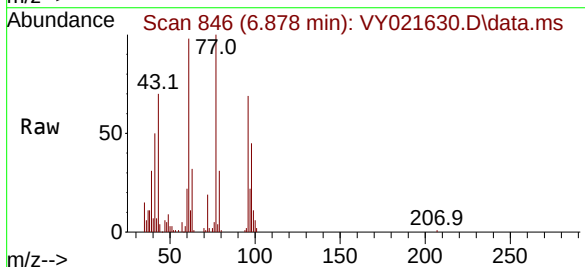
Acq: 25 Mar 2025 12:36

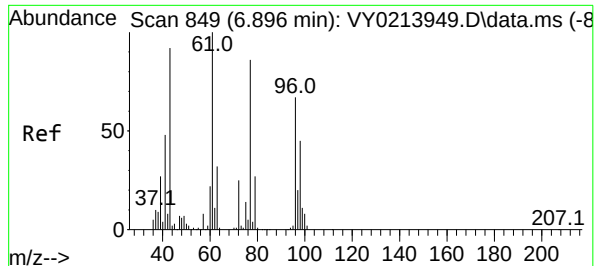
Tgt Ion: 77 Resp: 66852

Ion Ratio Lower Upper

77 100

97 22.6 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 21.279 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Instrument :

MSVOA_Y

ClientSampleId :

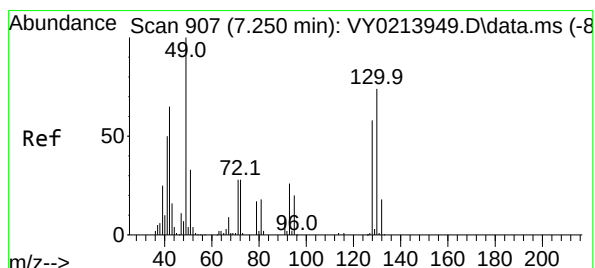
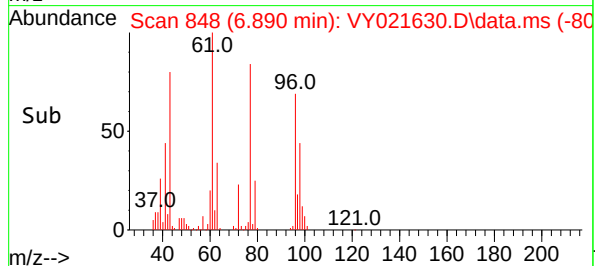
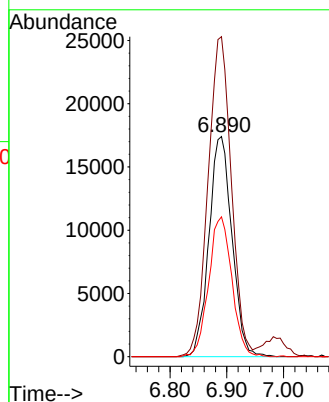
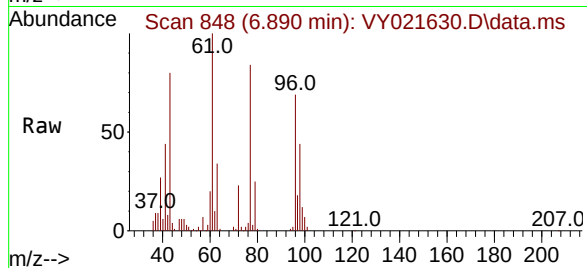
VY0325SBS01

Tgt Ion: 96	Resp: 4909
Ion Ratio	Lower Upper
96 100	
61 146.5	0.0 300.8
98 64.0	0.0 130.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#28

Bromochloromethane

Concen: 21.628 ug/l

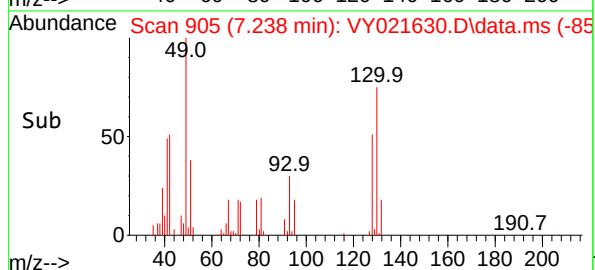
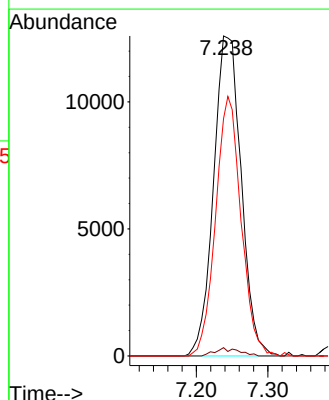
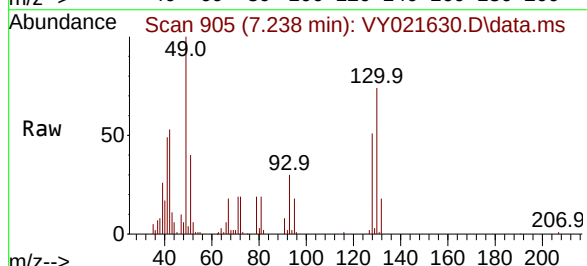
RT: 7.238 min Scan# 905

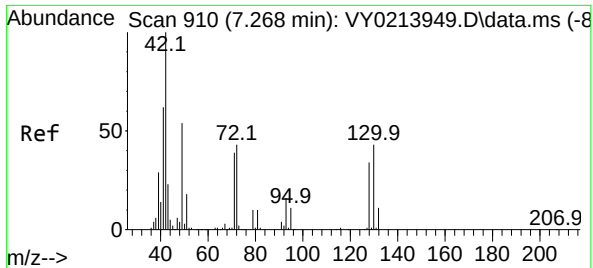
Delta R.T. -0.012 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Tgt Ion: 49	Resp: 33797
Ion Ratio	Lower Upper
49 100	
129 2.2	0.0 4.2
130 74.7	59.6 89.4





#29

Tetrahydrofuran

Concen: 119.454 ug/l

RT: 7.256 min Scan# 908

Delta R.T. -0.012 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Instrument :

MSVOA_Y

ClientSampleId :

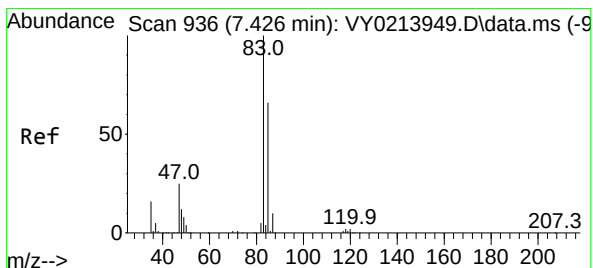
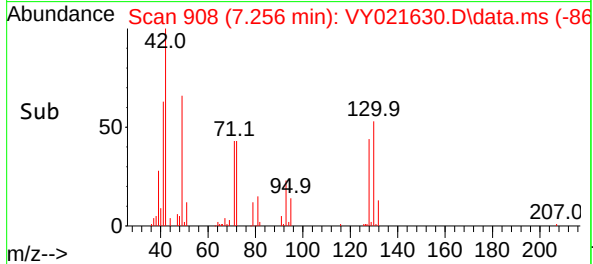
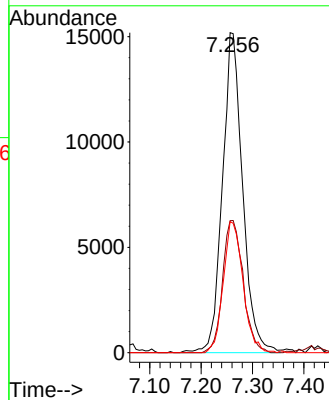
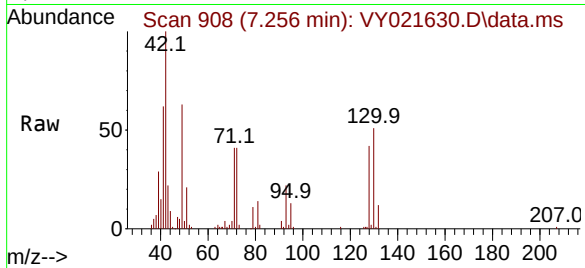
VY0325SBS01

Tgt Ion:	42	Resp:	41514
Ion	Ratio	Lower	Upper
42	100		
72	41.9	34.8	52.2
71	39.9	32.6	48.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#30

Chloroform

Concen: 22.357 ug/l

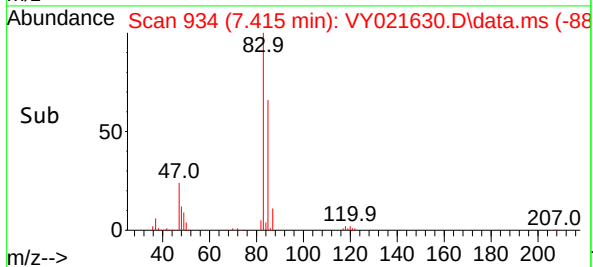
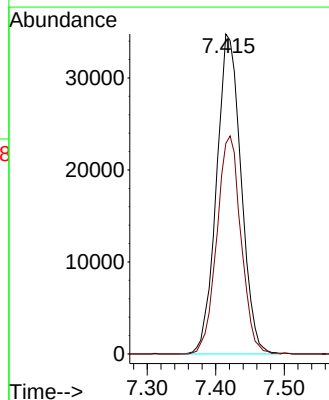
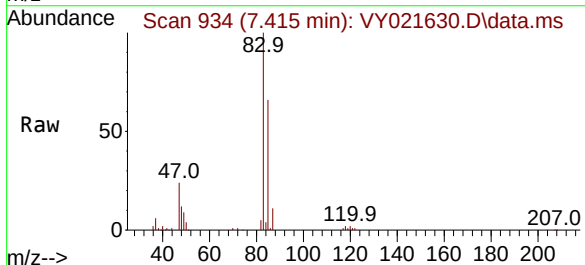
RT: 7.415 min Scan# 934

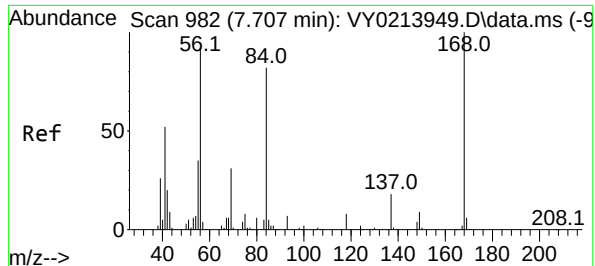
Delta R.T. -0.012 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Tgt Ion:	83	Resp:	86531
Ion	Ratio	Lower	Upper
83	100		
85	65.7	53.1	79.7





#31

Cyclohexane

Concen: 17.833 ug/l

RT: 7.701 min Scan# 982

Delta R.T. -0.006 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

Tgt Ion: 56 Resp: 6231

Ion Ratio Lower Upper

56 100

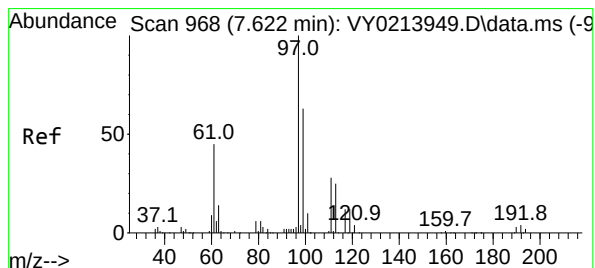
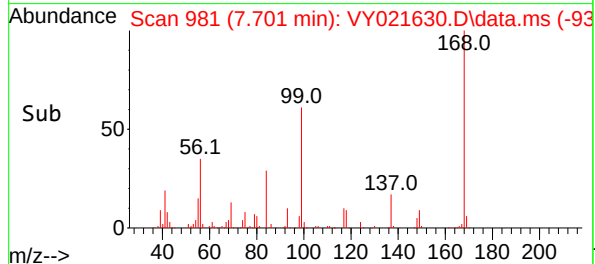
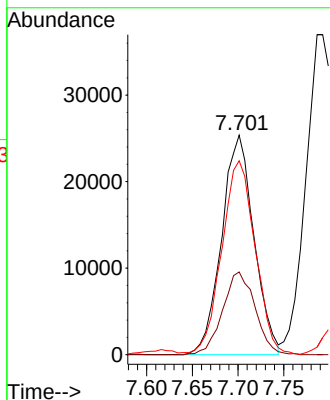
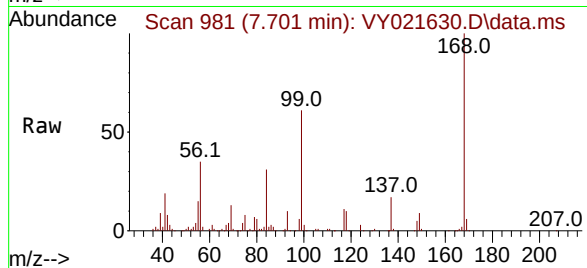
69 37.7 27.0 40.4

84 87.5 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
 Supervised By :Semsettin Yesilyurt 03/26/2025



#32

1,1,1-Trichloroethane

Concen: 21.401 ug/l

RT: 7.616 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

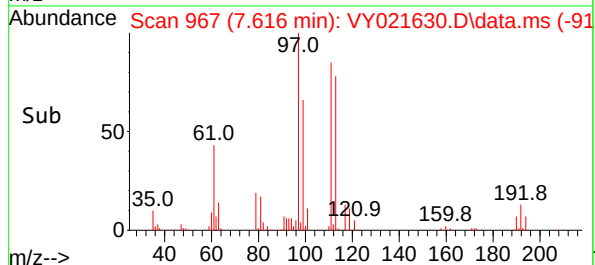
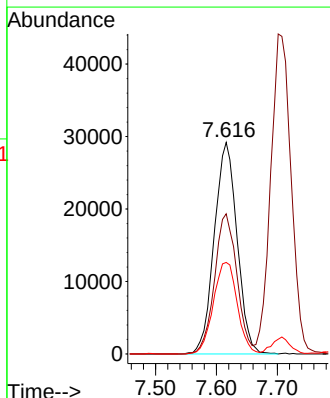
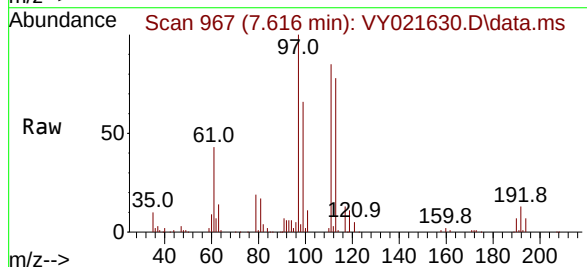
Tgt Ion: 97 Resp: 75843

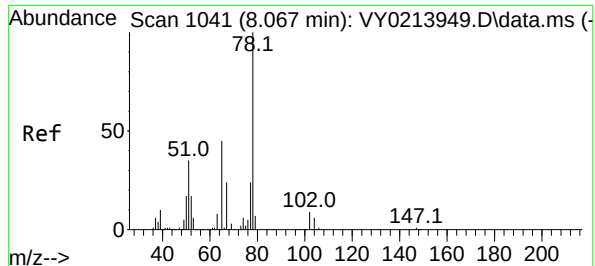
Ion Ratio Lower Upper

97 100

99 64.8 51.7 77.5

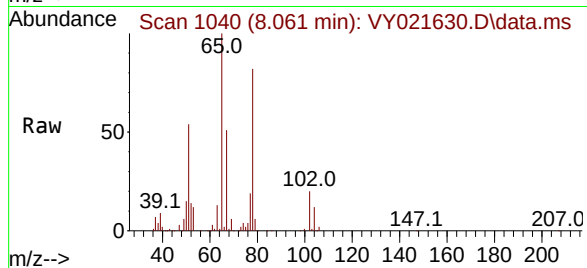
61 45.4 35.7 53.5





#33
1,2-Dichloroethane-d4
Concen: 55.604 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

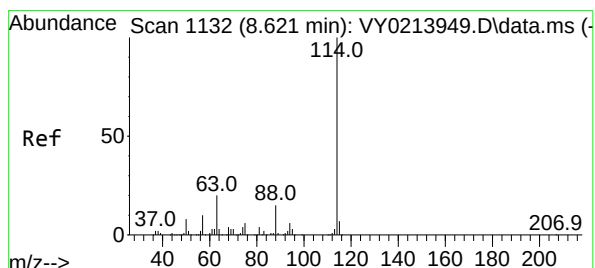
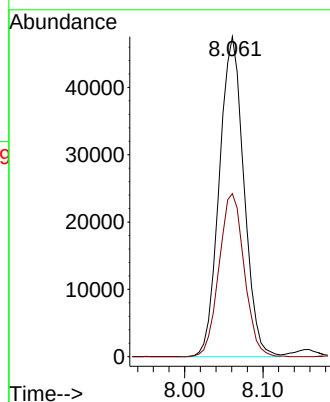
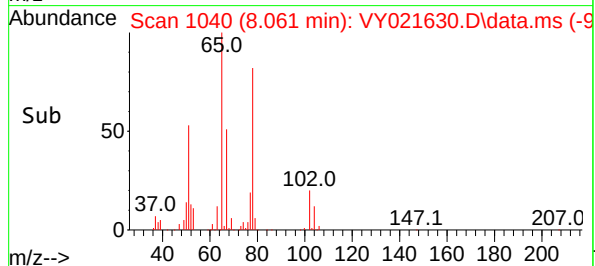
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01



Tgt Ion: 65 Resp: 103748
Ion Ratio Lower Upper
65 100
67 52.1 0.0 102.8

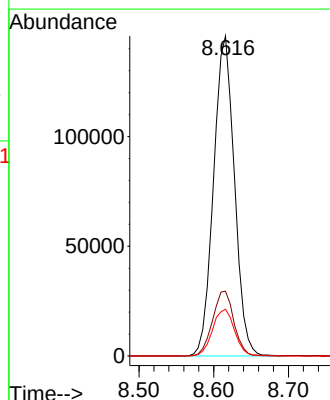
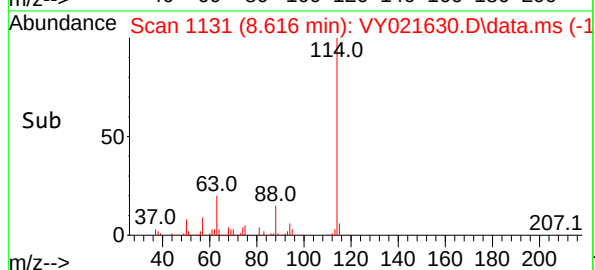
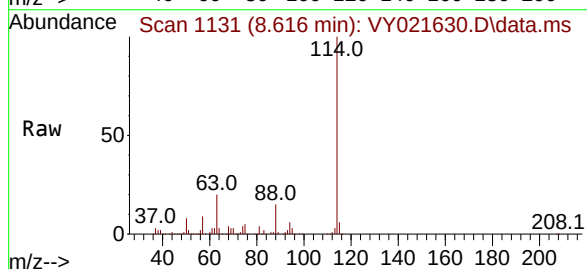
Manual Integrations
APPROVED

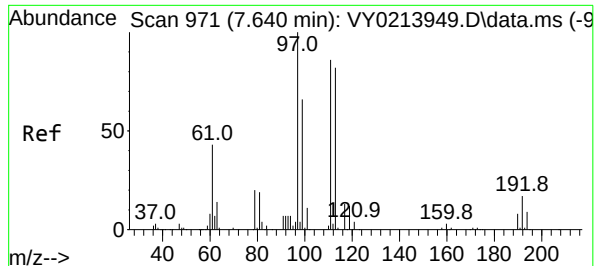
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

Tgt Ion:114 Resp: 283151
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.8
88 14.6 0.0 30.8





#35

Dibromofluoromethane

Concen: 52.366 ug/l

RT: 7.628 min Scan# 91

Delta R.T. -0.012 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Instrument :

MSVOA_Y

ClientSampleId :

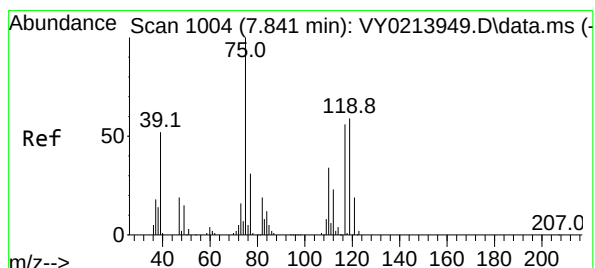
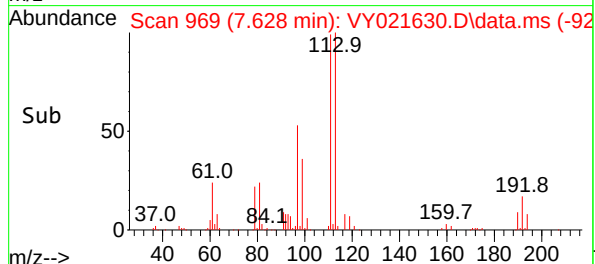
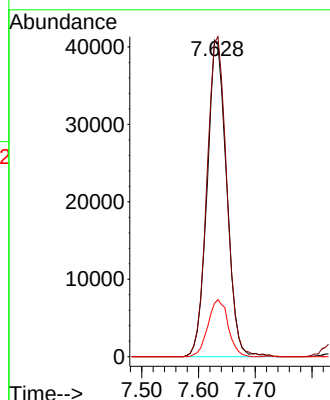
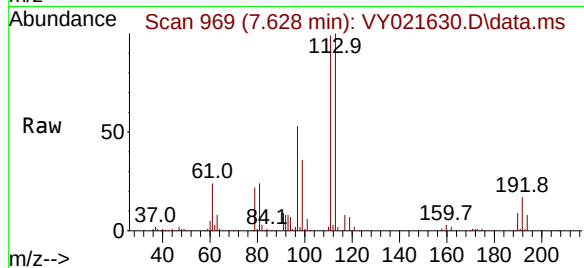
VY0325SBS01

Tgt Ion:	113	Resp:	97464
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.0	123.0
192	18.7	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#36

1,1-Dichloropropene

Concen: 19.498 ug/l

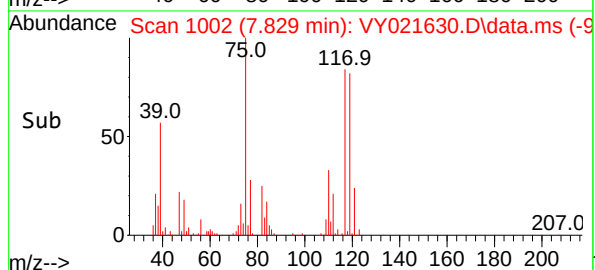
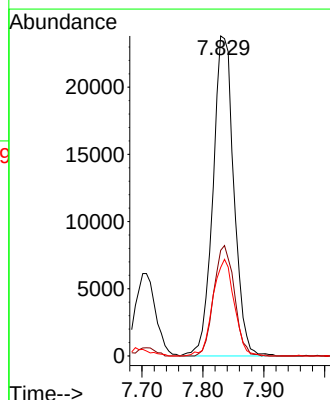
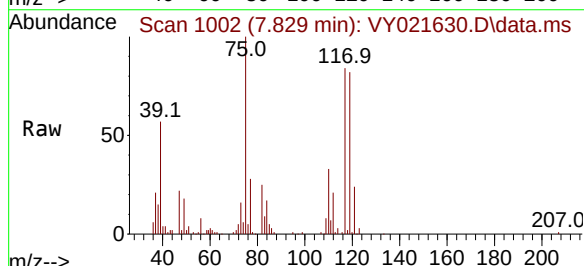
RT: 7.829 min Scan# 1002

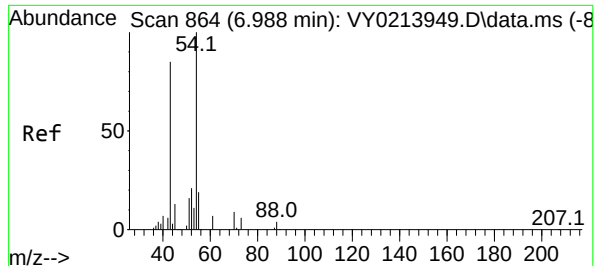
Delta R.T. -0.012 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Tgt Ion:	75	Resp:	56805
Ion	Ratio	Lower	Upper
75	100		
110	34.1	17.3	51.7
77	30.9	25.4	38.2





#37

Ethyl Acetate

Concen: 22.974 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

Tgt Ion: 43 Resp: 2958

Ion Ratio Lower Upper

43 100

61 14.3 11.4 17.0

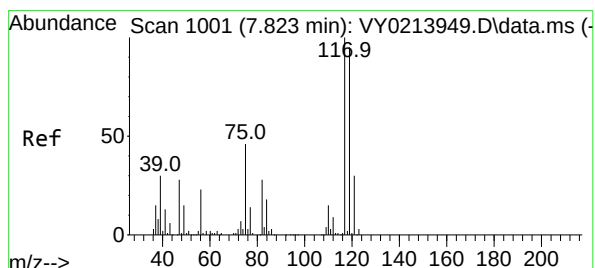
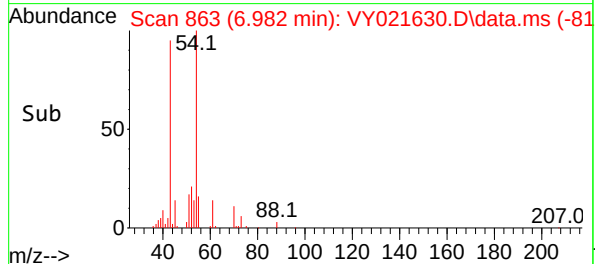
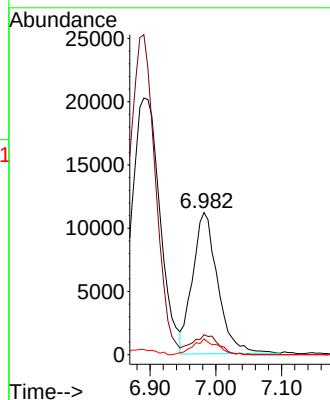
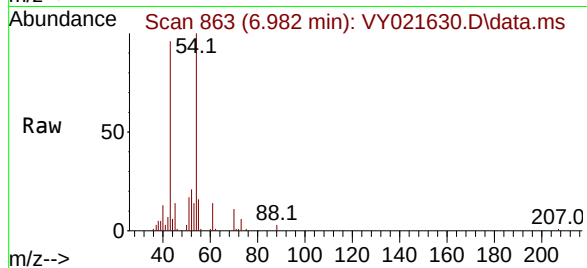
70 10.7 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025

Supervised By :Semsettin Yesilyurt 03/26/2025



#38

Carbon Tetrachloride

Concen: 20.555 ug/l

RT: 7.811 min Scan# 999

Delta R.T. -0.012 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

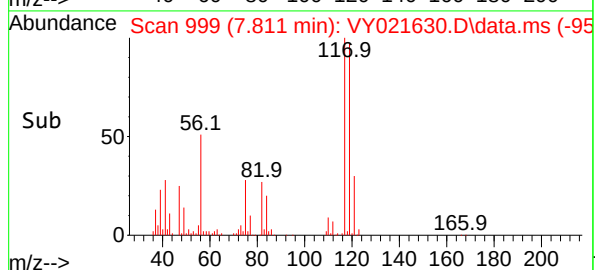
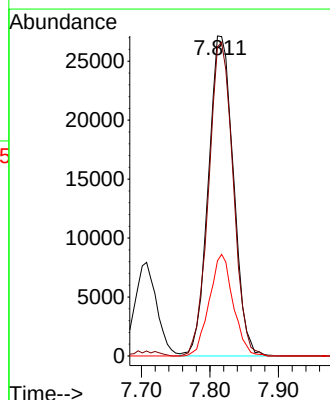
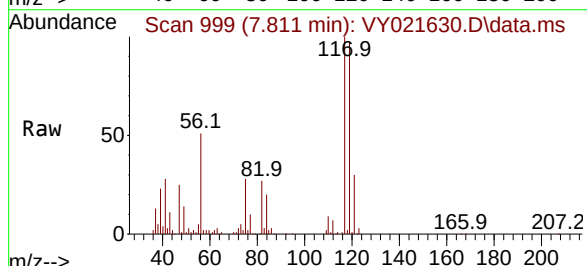
Tgt Ion:117 Resp: 68871

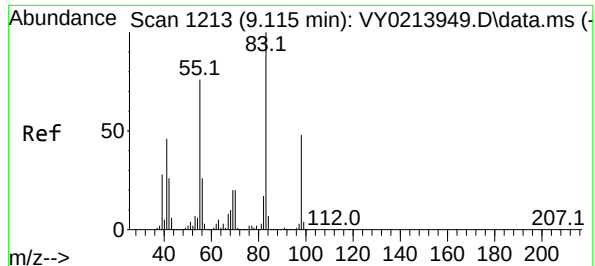
Ion Ratio Lower Upper

117 100

119 96.6 75.8 113.8

121 29.8 23.9 35.9





#39

Methylcyclohexane

Concen: 17.464 ug/l

RT: 9.110 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

Tgt Ion: 83 Resp: 62410

Ion Ratio Lower Upper

83 100

55 74.0 60.7 91.1

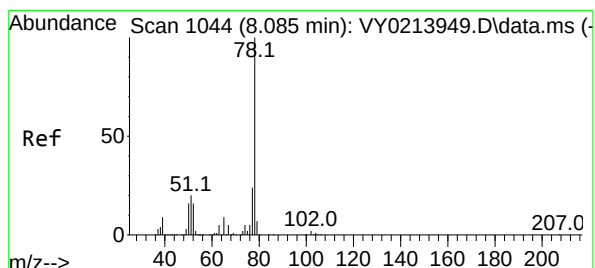
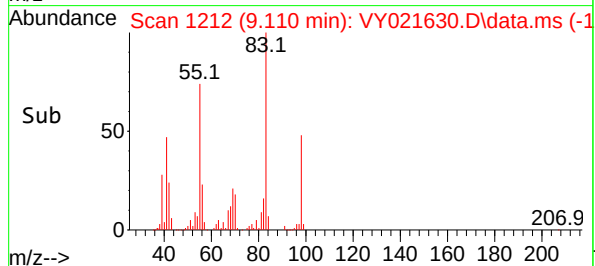
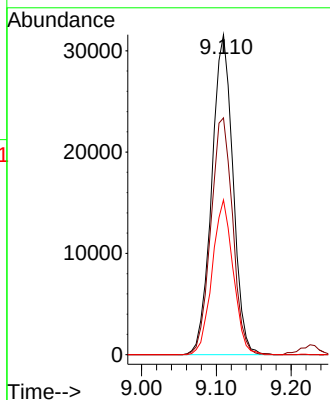
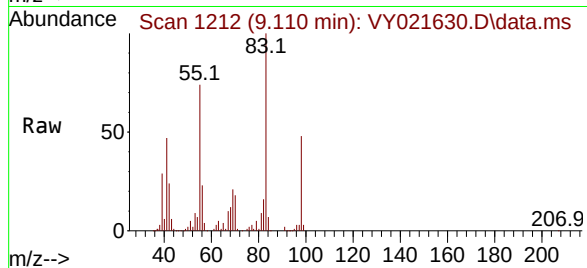
98 48.4 38.6 57.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025

Supervised By :Semsettin Yesilyurt 03/26/2025



#40

Benzene

Concen: 19.978 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY021630.D

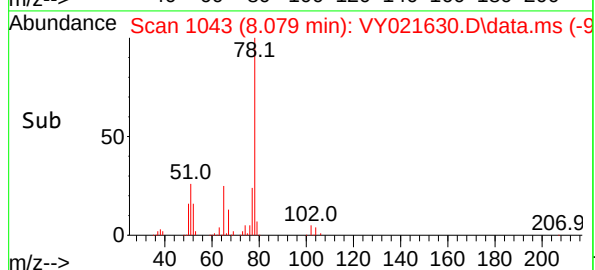
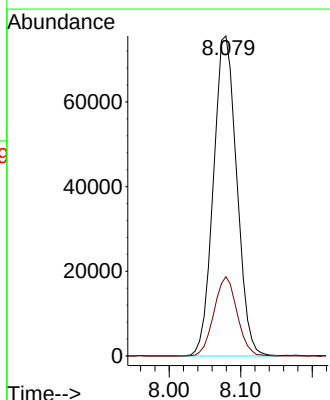
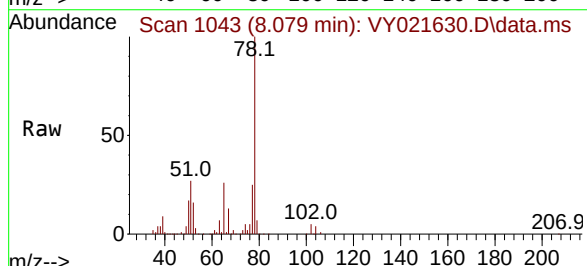
Acq: 25 Mar 2025 12:36

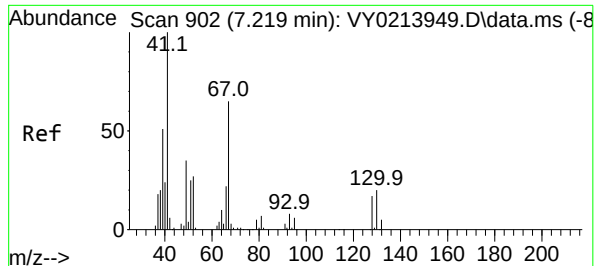
Tgt Ion: 78 Resp: 171451

Ion Ratio Lower Upper

78 100

77 24.8 19.0 28.4





#41

Methacrylonitrile

Concen: 22.312 ug/l

RT: 7.220 min Scan# 902

Delta R.T. 0.000 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

Tgt Ion: 41 Resp: 15644

Ion Ratio Lower Upper

41 100

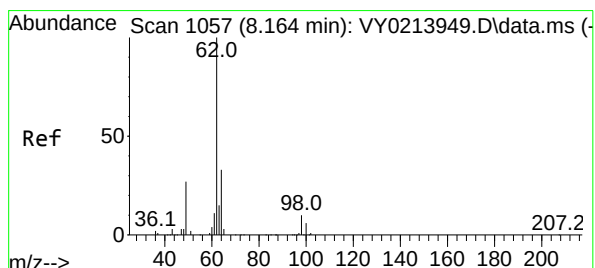
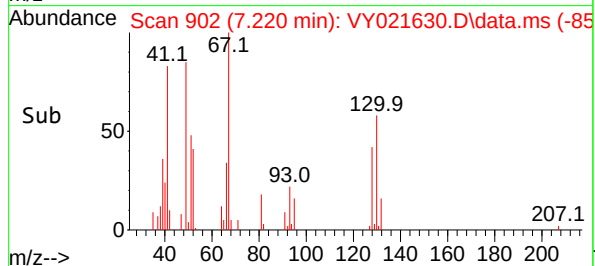
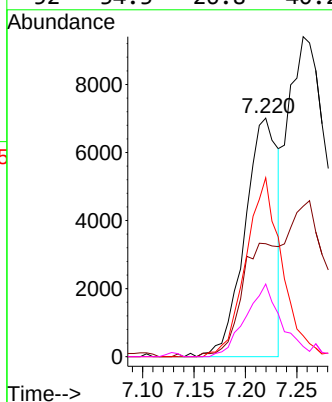
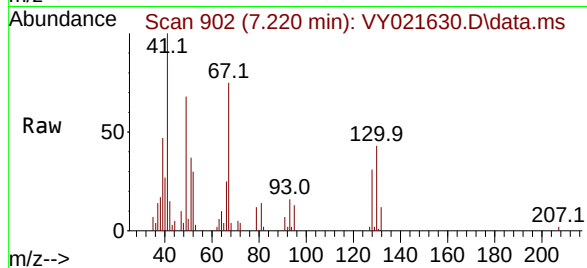
39 52.9 35.0 52.6

67 82.4 61.2 91.8

52 34.3 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025

#42

1,2-Dichloroethane

Concen: 21.967 ug/l

RT: 8.158 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VY021630.D

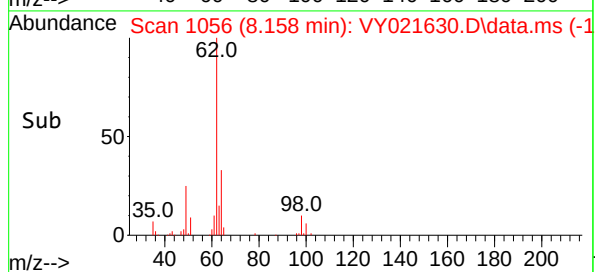
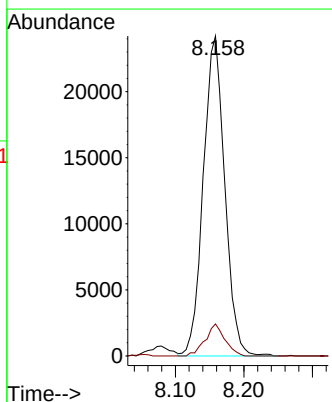
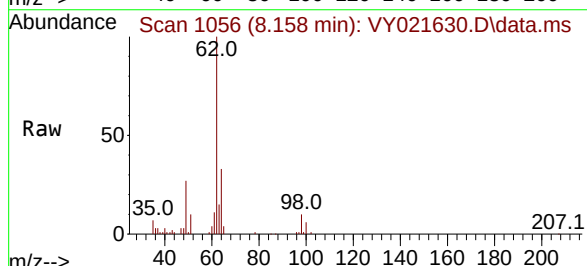
Acq: 25 Mar 2025 12:36

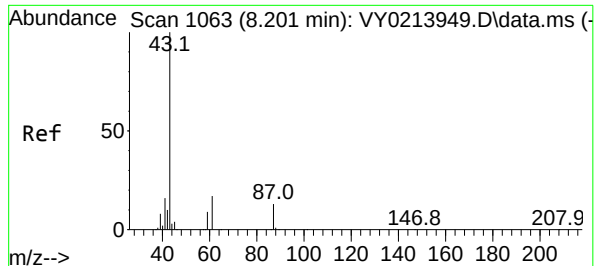
Tgt Ion: 62 Resp: 52741

Ion Ratio Lower Upper

62 100

98 9.2 0.0 18.2





#43

Isopropyl Acetate

Concen: 22.626 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Instrument :

MSVOA_Y

ClientSampleId :

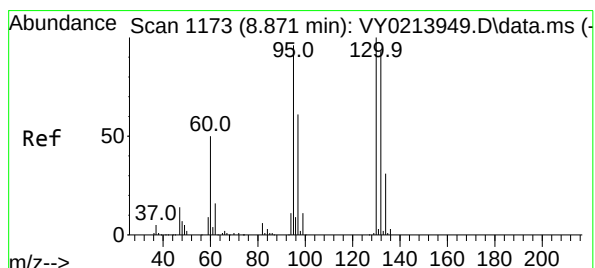
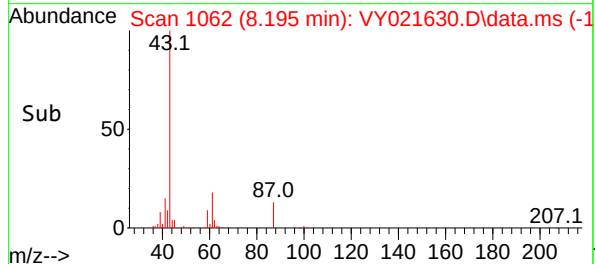
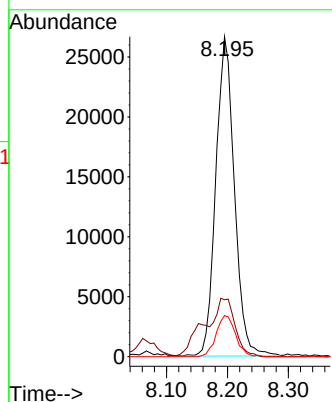
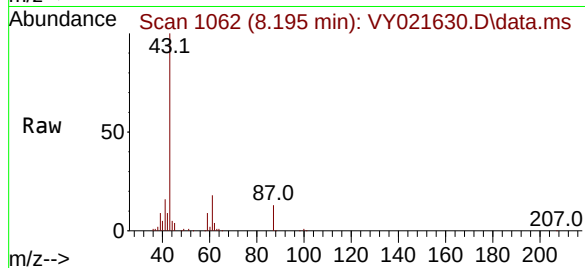
VY0325SBS01

Tgt Ion: 43	Resp: 5655
Ion Ratio	Lower Upper
43	100
61	19.4 23.4 35.0
87	13.5 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#44

Trichloroethene

Concen: 20.472 ug/l

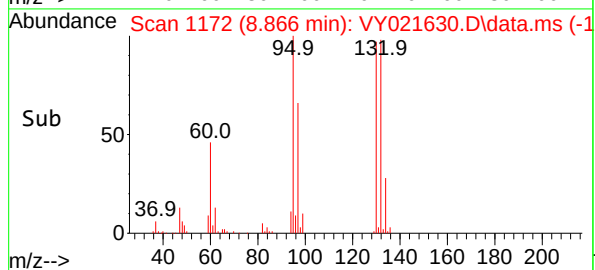
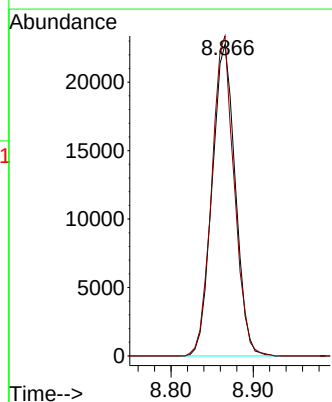
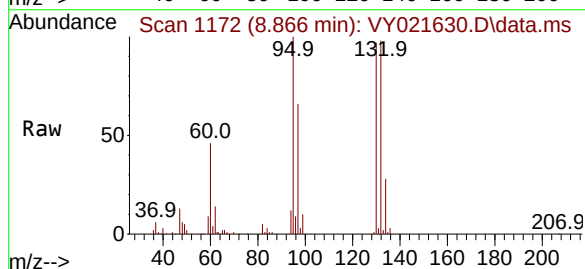
RT: 8.866 min Scan# 1172

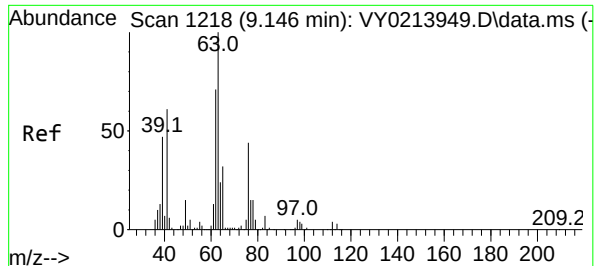
Delta R.T. -0.006 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Tgt Ion:130	Resp: 44397
Ion Ratio	Lower Upper
130	100
95	102.8 0.0 191.6





#45

1,2-Dichloropropane

Concen: 21.645 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

Tgt Ion: 63 Resp: 44210

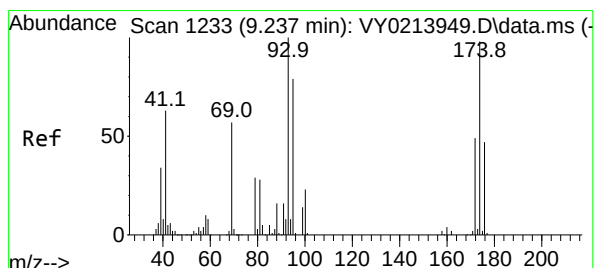
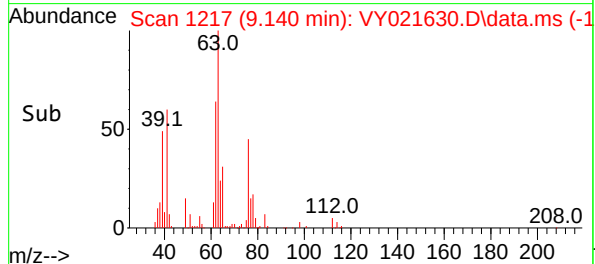
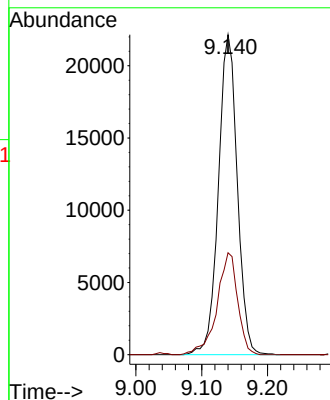
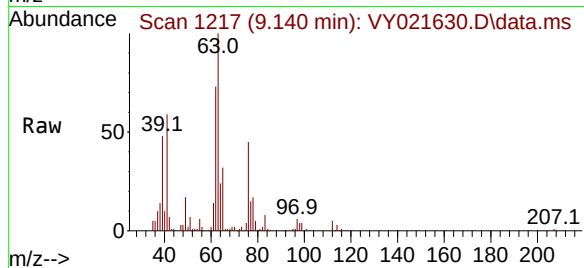
Ion Ratio Lower Upper

63 100

65 31.8 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025

#46

Dibromomethane

Concen: 23.025 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

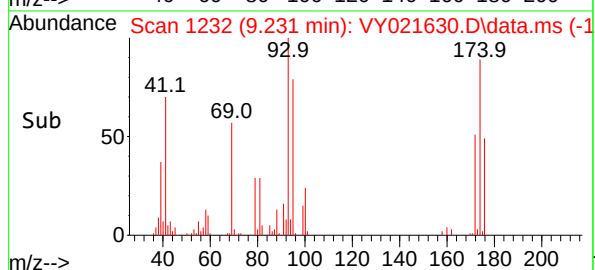
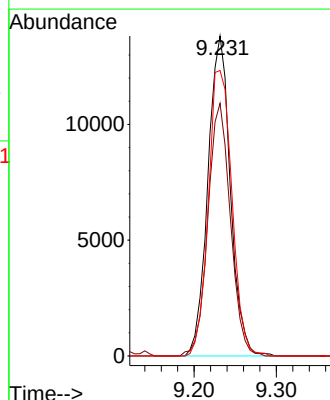
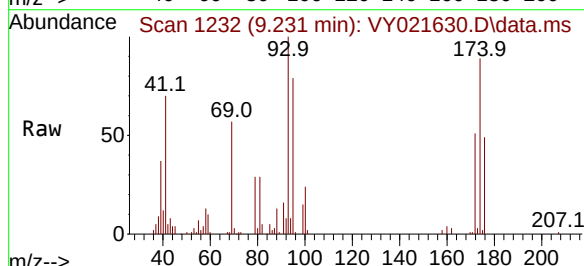
Tgt Ion: 93 Resp: 26168

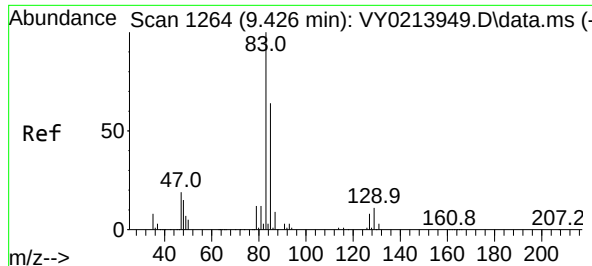
Ion Ratio Lower Upper

93 100

95 79.1 65.8 98.8

174 94.1 77.9 116.9





#47

Bromodichloromethane

Concen: 21.950 ug/l

RT: 9.420 min Scan# 1264

Delta R.T. -0.006 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Instrument :

MSVOA_Y

ClientSampleId :

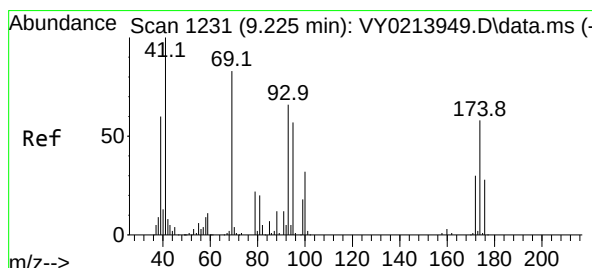
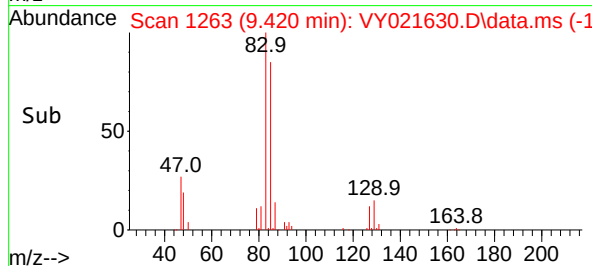
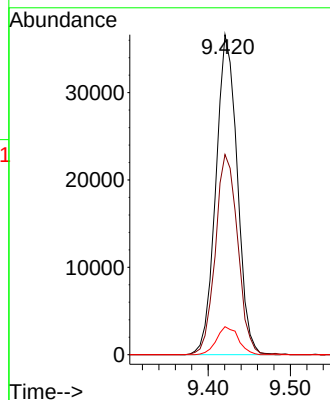
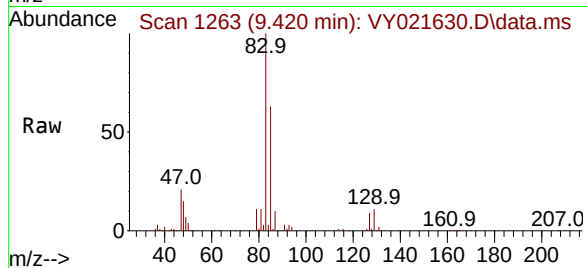
VY0325SBS01

Tgt Ion: 83	Resp: 66249
Ion Ratio	Lower Upper
83 100	
85 62.6	51.1 76.7
127 8.8	6.7 10.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#48

Methyl methacrylate

Concen: 21.804 ug/l

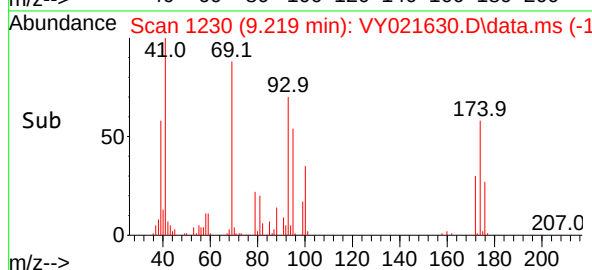
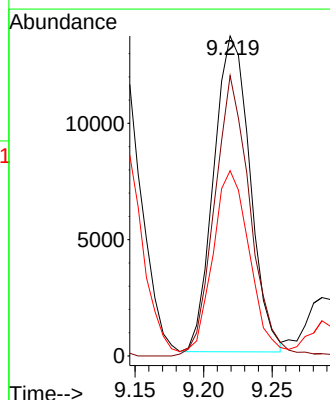
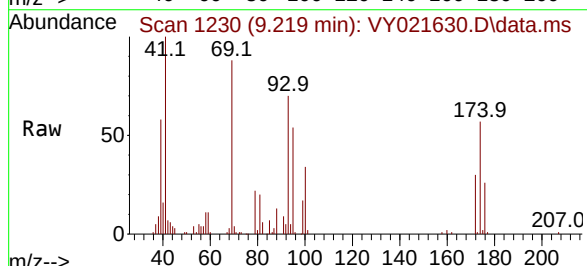
RT: 9.219 min Scan# 1230

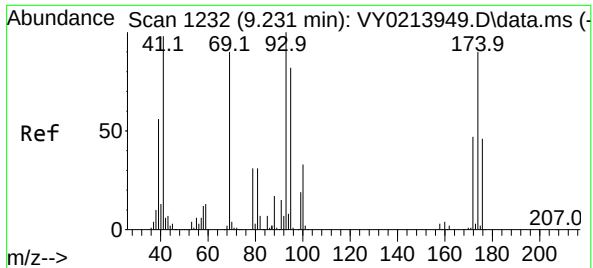
Delta R.T. -0.006 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Tgt Ion: 41	Resp: 25028
Ion Ratio	Lower Upper
41 100	
69 87.1	67.8 101.8
39 57.1	46.4 69.6





#49

1,4-Dioxane

Concen: 521.380 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

Tgt Ion: 88 Resp: 5810

Ion Ratio Lower Upper

88 100

43 39.9 25.0 37.4

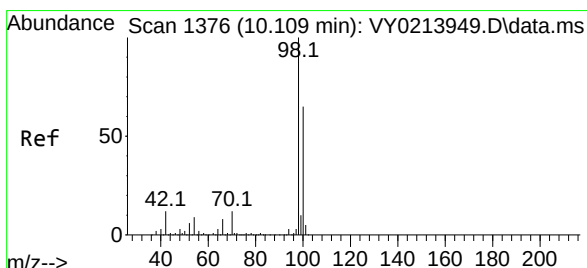
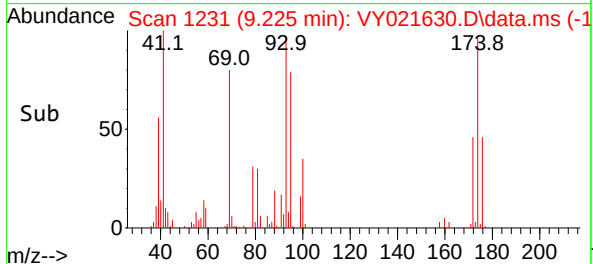
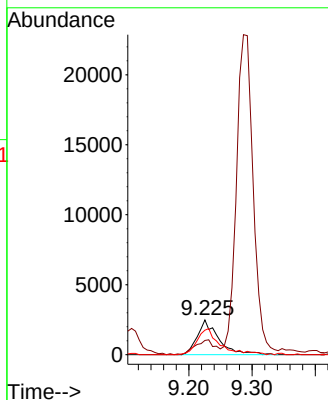
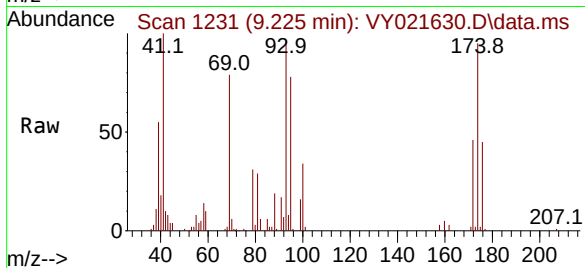
58 80.0 58.4 87.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025

Supervised By :Semsettin Yesilyurt 03/26/2025



#50

Toluene-d8

Concen: 50.364 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021630.D

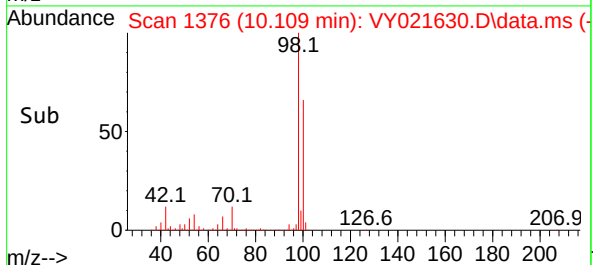
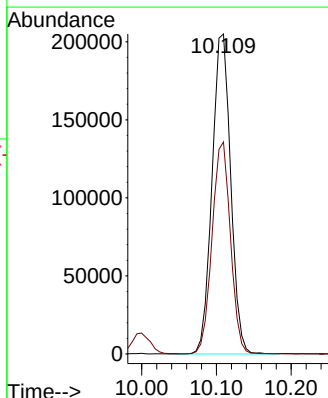
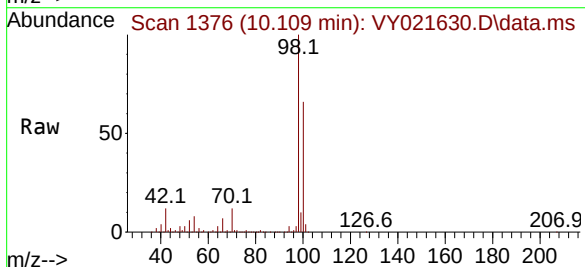
Acq: 25 Mar 2025 12:36

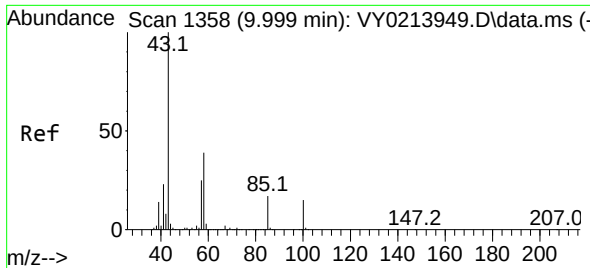
Tgt Ion: 98 Resp: 354916

Ion Ratio Lower Upper

98 100

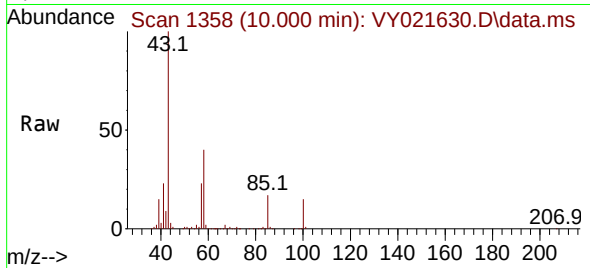
100 65.4 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 118.137 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

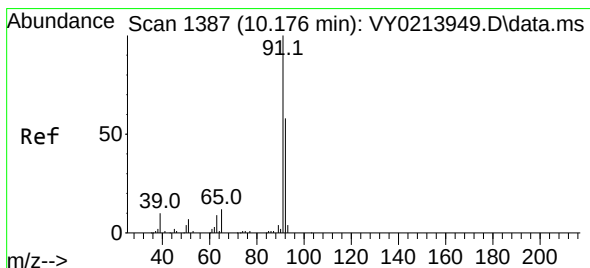
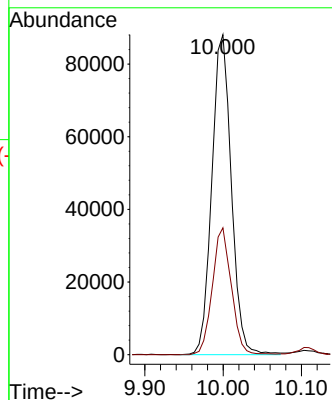
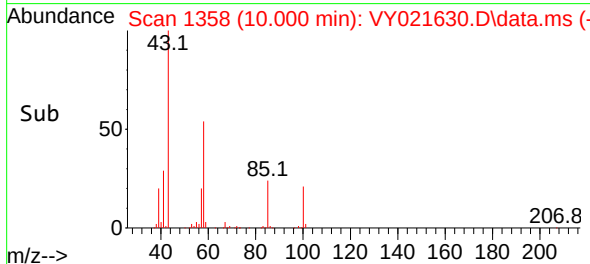
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01



Tgt Ion: 43 Resp: 15236
Ion Ratio Lower Upper
43 100
58 38.6 31.4 47.2

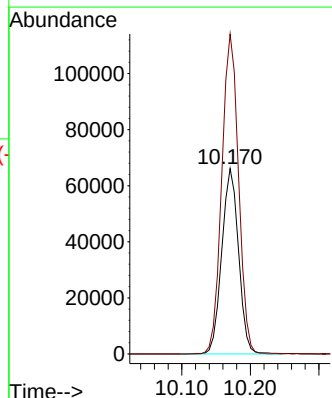
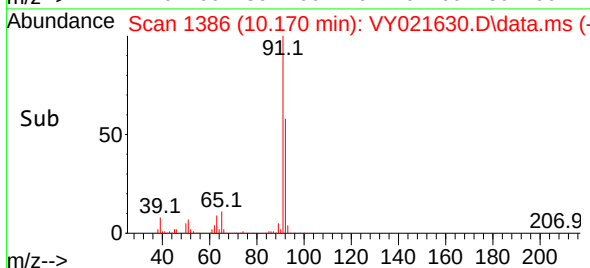
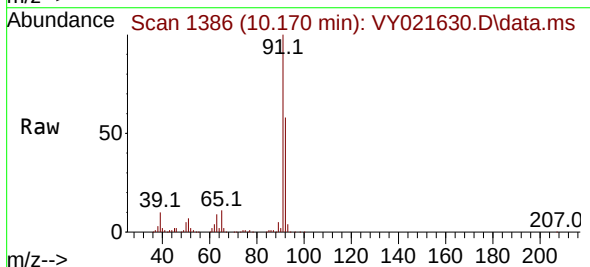
Manual Integrations
APPROVED

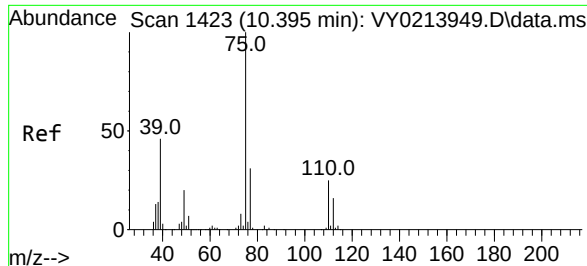
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#52
Toluene
Concen: 20.622 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

Tgt Ion: 92 Resp: 111579
Ion Ratio Lower Upper
92 100
91 173.6 138.2 207.2





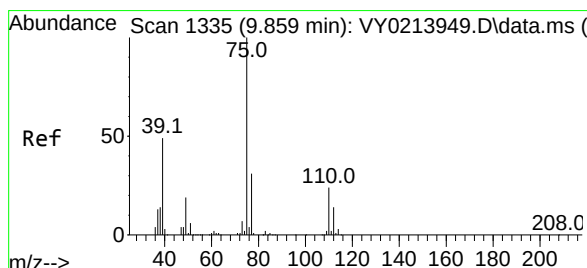
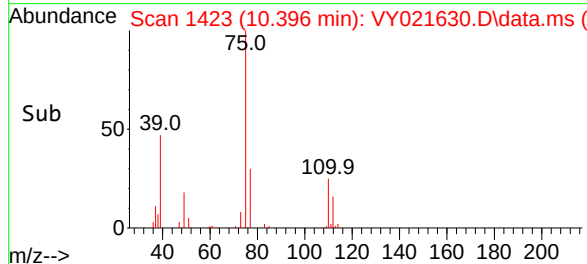
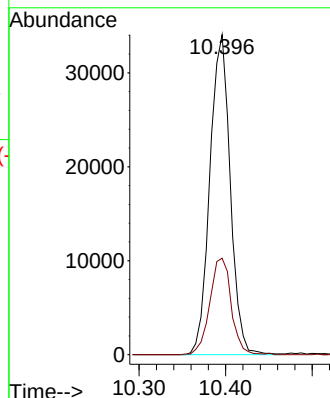
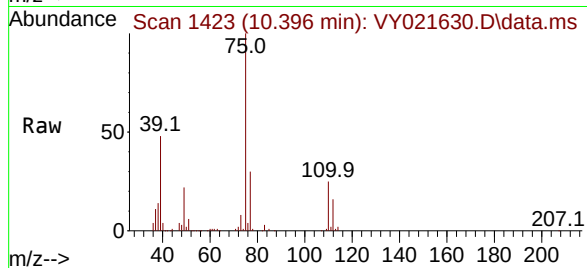
#53
 t-1,3-Dichloropropene
 Concen: 20.930 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY021630.D
 Acq: 25 Mar 2025 12:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0325SBS01

Tgt Ion: 75 Resp: 5565
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.0 37.6

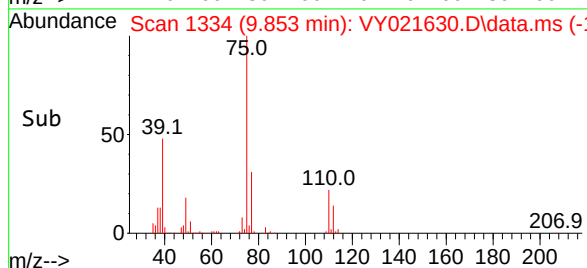
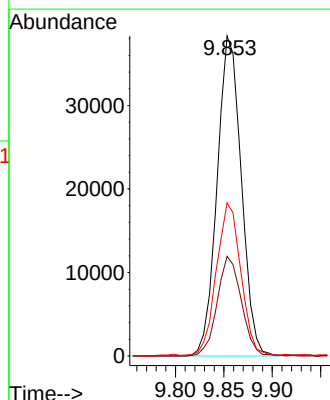
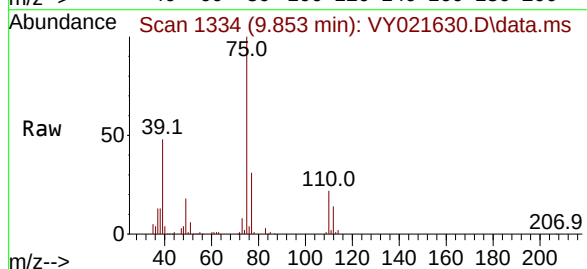
Manual Integrations
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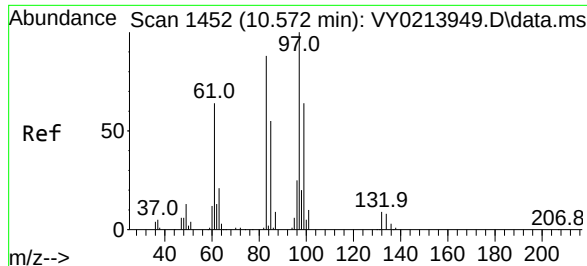
Reviewed By :Mahesh Dadoda 03/26/2025
 Supervised By :Semsettin Yesilyurt 03/26/2025



#54
 cis-1,3-Dichloropropene
 Concen: 21.081 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY021630.D
 Acq: 25 Mar 2025 12:36

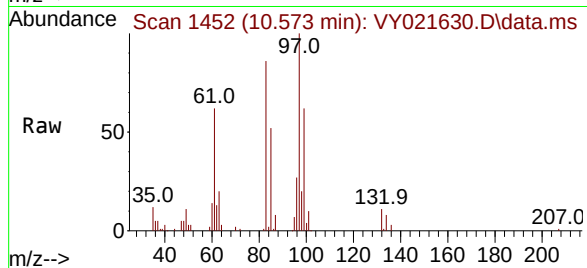
Tgt Ion: 75 Resp: 66554
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.6 37.0
 39 47.6 39.4 59.2





#55
1,1,2-Trichloroethane
Concen: 23.461 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

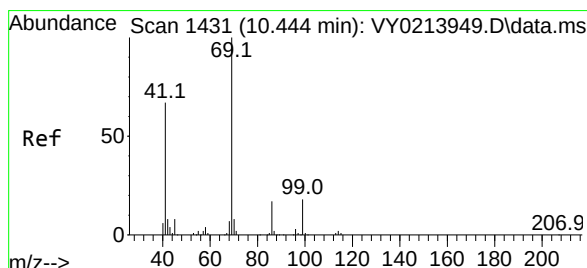
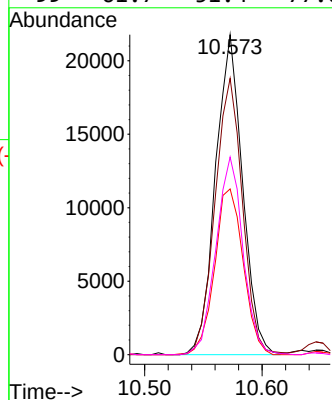
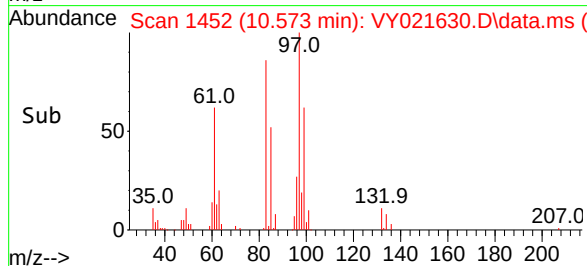
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01



Tgt Ion: 97 Resp: 34878
Ion Ratio Lower Upper
97 100
83 86.4 70.0 105.0
85 51.8 44.3 66.5
99 61.7 51.4 77.0

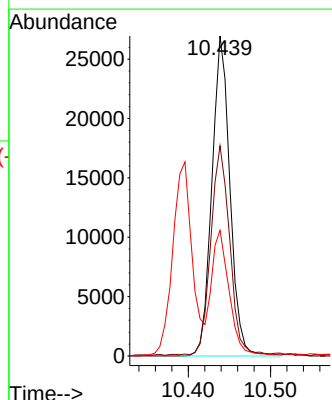
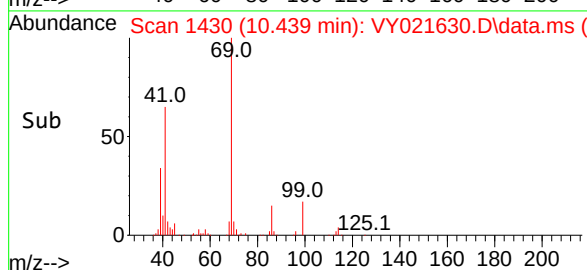
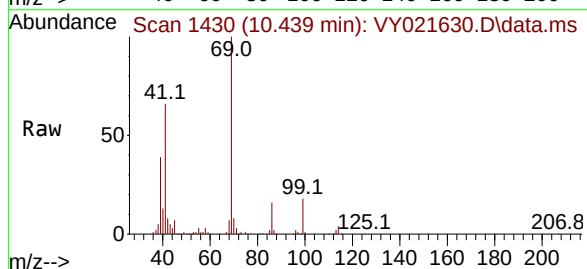
Manual Integrations
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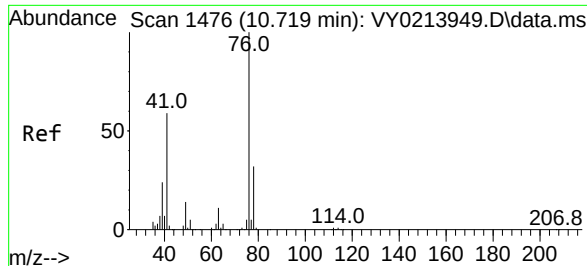
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#56
Ethyl methacrylate
Concen: 21.683 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

Tgt Ion: 69 Resp: 41111
Ion Ratio Lower Upper
69 100
41 67.7 53.3 79.9
39 37.2 31.0 46.6





#57

1,3-Dichloropropane

Concen: 22.174 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

Tgt Ion: 76 Resp: 57134

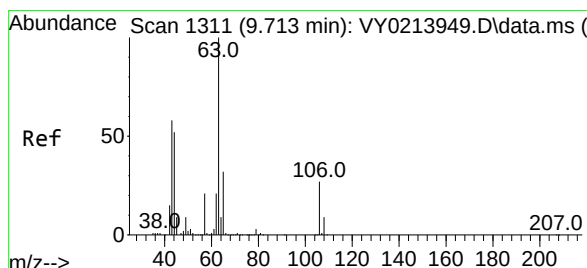
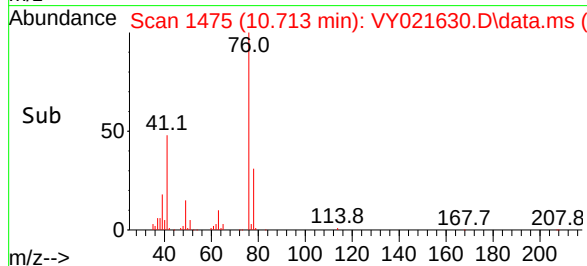
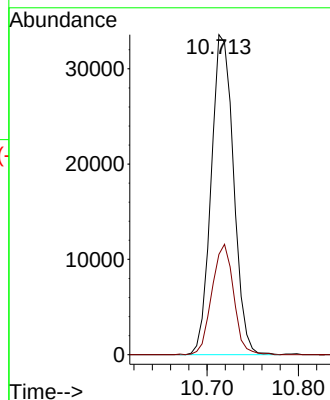
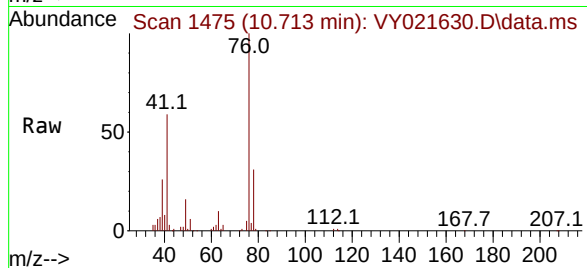
Ion Ratio Lower Upper

76 100

78 33.5 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025

#58

2-Chloroethyl Vinyl ether

Concen: 110.101 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021630.D

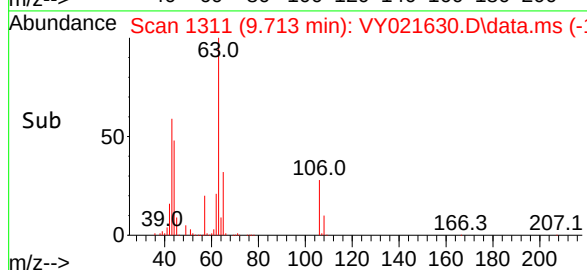
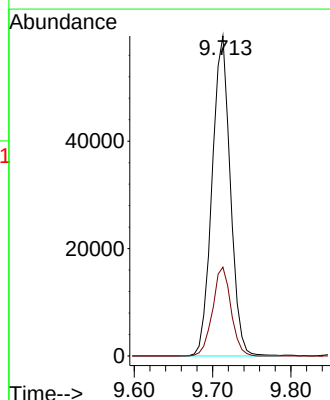
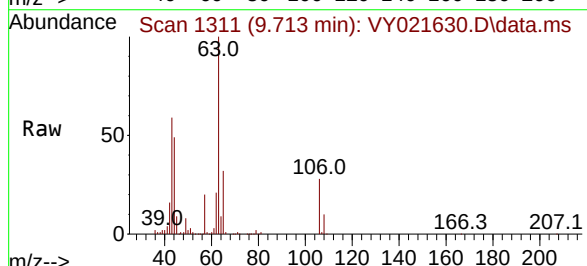
Acq: 25 Mar 2025 12:36

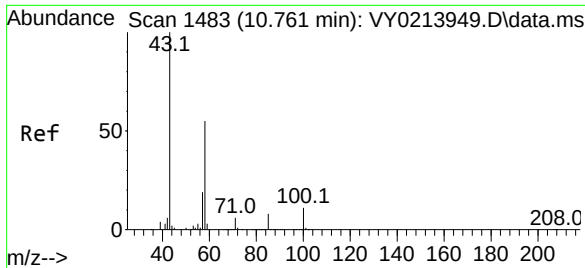
Tgt Ion: 63 Resp: 96365

Ion Ratio Lower Upper

63 100

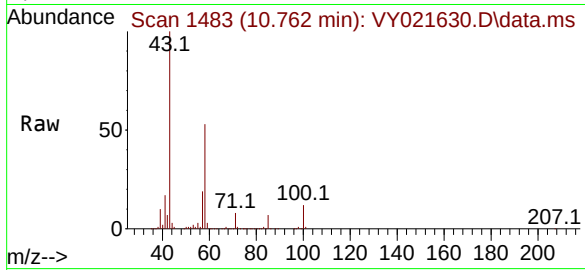
106 27.9 22.1 33.1





#59
2-Hexanone
Concen: 115.120 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

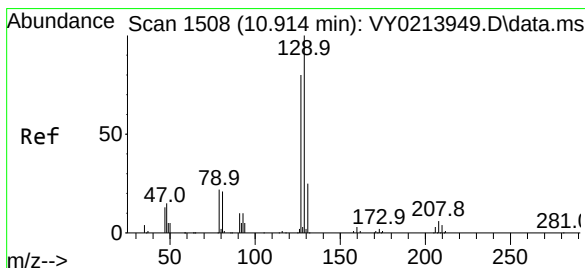
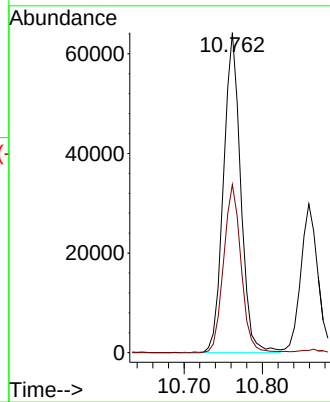
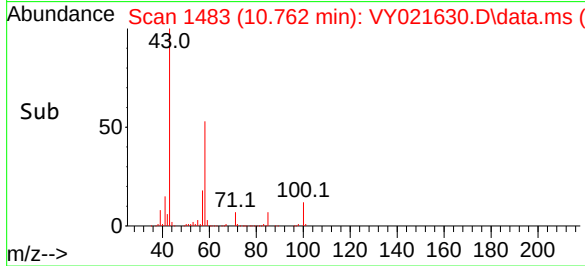
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01



Tgt Ion: 43 Resp: 98170
Ion Ratio Lower Upper
43 100
58 53.5 27.3 81.8

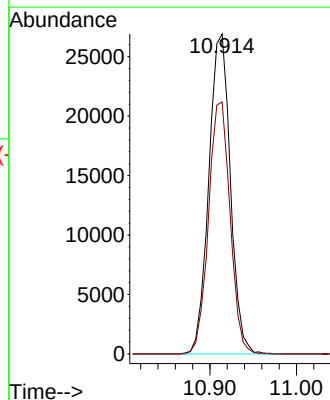
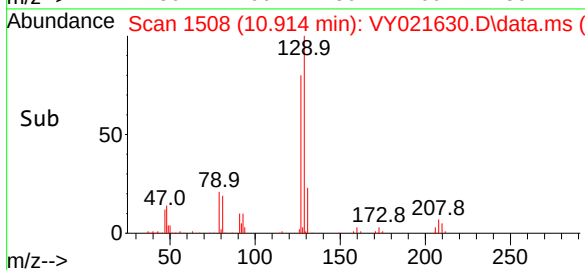
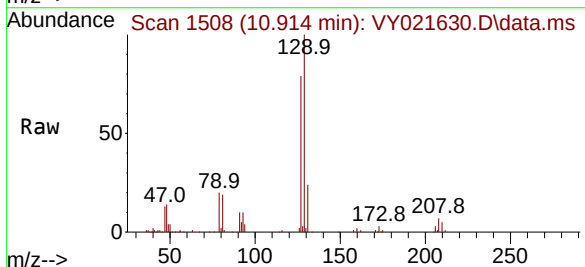
Manual Integrations
APPROVED

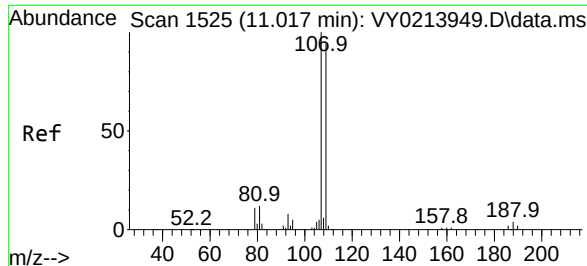
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#60
Dibromochloromethane
Concen: 22.800 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

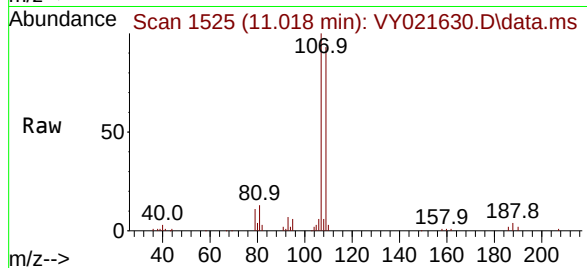
Tgt Ion:129 Resp: 46468
Ion Ratio Lower Upper
129 100
127 78.8 39.1 117.3





#61
1,2-Dibromoethane
Concen: 22.038 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

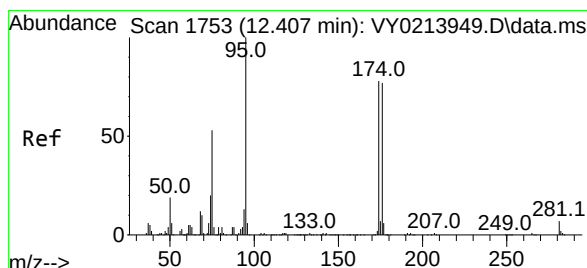
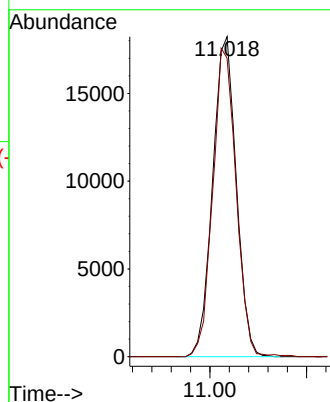
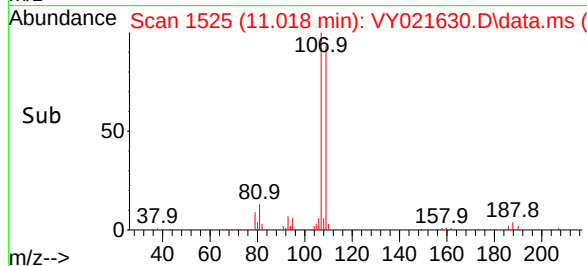
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01



Tgt Ion: 107 Resp: 3092
Ion Ratio Lower Upper
107 100
109 95.2 75.8 113.8

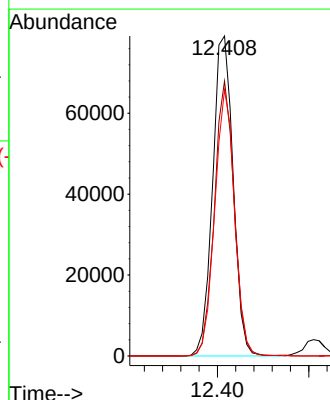
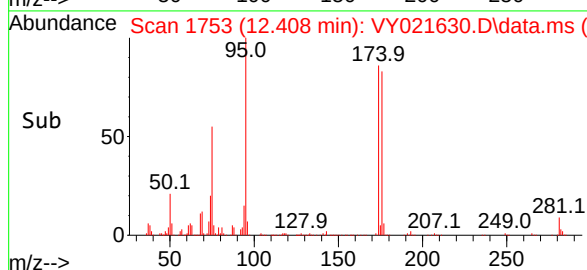
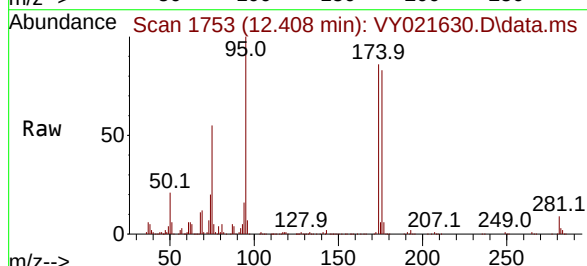
Manual Integrations
APPROVED

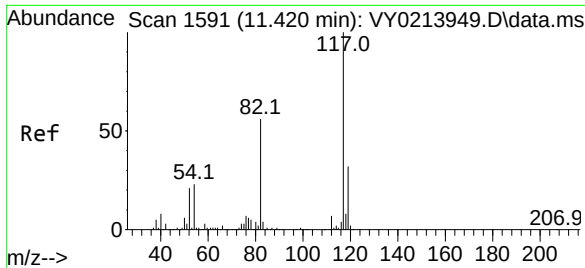
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#62
4-Bromofluorobenzene
Concen: 51.304 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

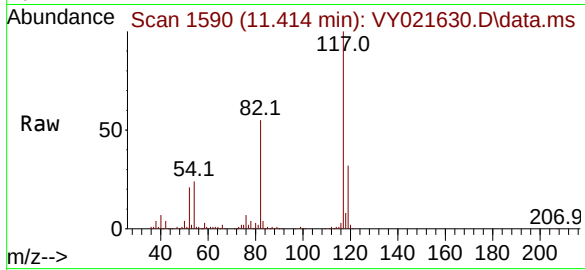
Tgt Ion: 95 Resp: 122981
Ion Ratio Lower Upper
95 100
174 83.1 0.0 165.0
176 80.4 0.0 160.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

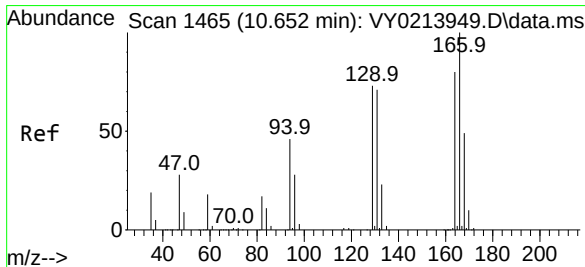
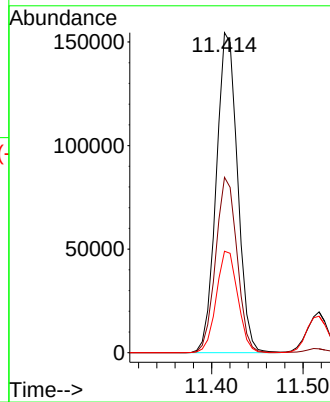
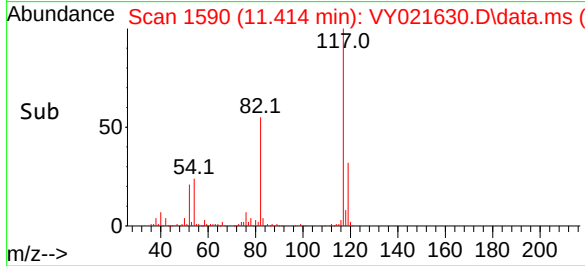
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01



Tgt Ion:117 Resp: 25006
Ion Ratio Lower Upper
117 100
82 54.8 44.6 67.0
119 31.7 25.4 38.0

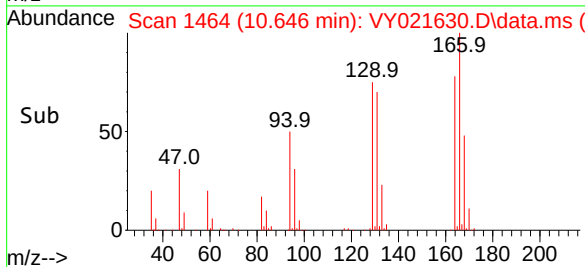
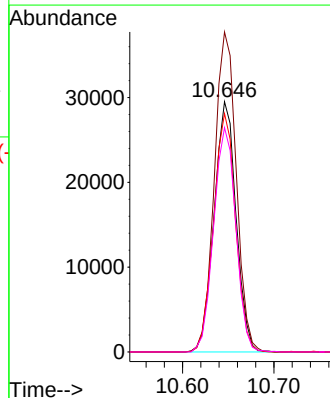
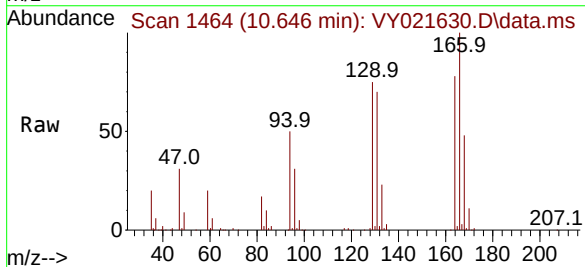
Manual Integrations
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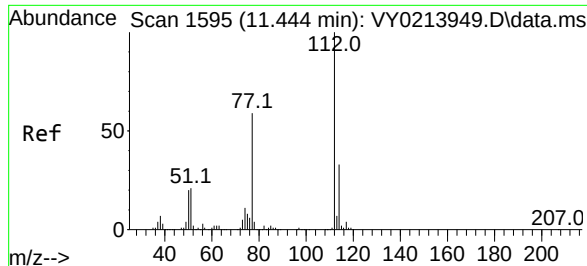
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#64
Tetrachloroethene
Concen: 24.254 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

Tgt Ion:164 Resp: 49319
Ion Ratio Lower Upper
164 100
166 127.9 100.4 150.6
129 95.3 73.8 110.8
131 89.7 71.5 107.3





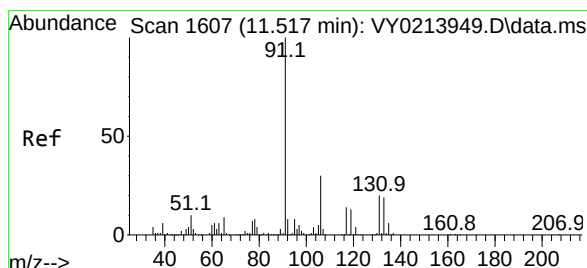
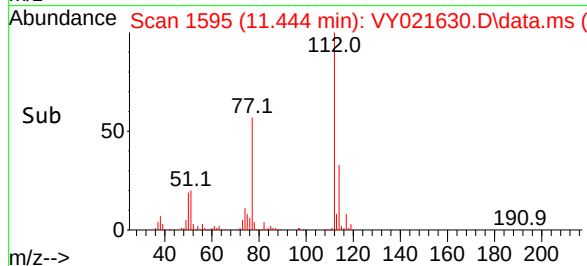
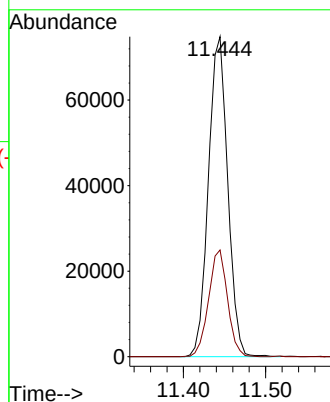
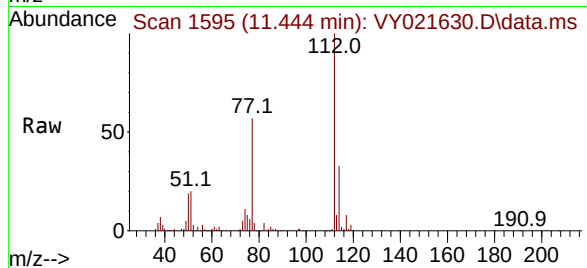
#65
Chlorobenzene
Concen: 20.652 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

Tgt Ion:112 Resp: 121952
Ion Ratio Lower Upper
112 100
114 33.4 26.1 39.1

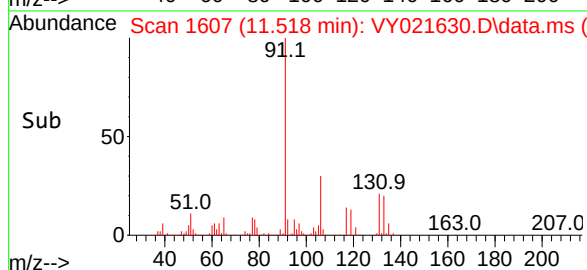
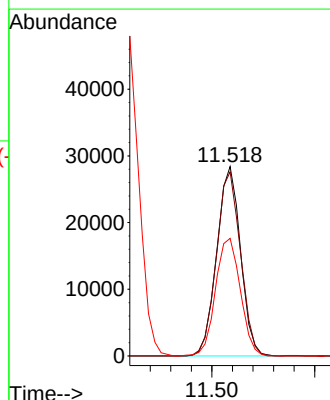
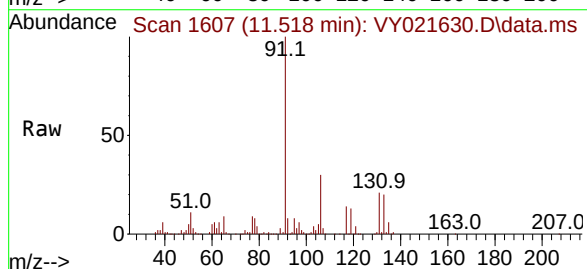
Manual Integrations
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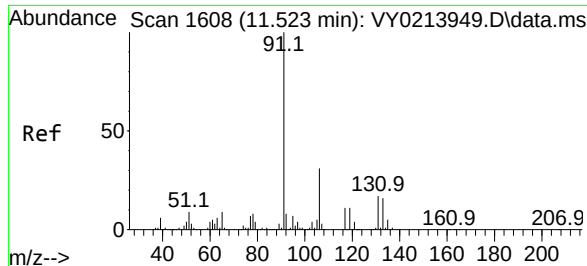
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 21.767 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

Tgt Ion:131 Resp: 45445
Ion Ratio Lower Upper
131 100
133 98.7 47.6 142.9
119 65.0 32.3 96.9





#67

Ethyl Benzene

Concen: 19.829 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

Tgt Ion: 91 Resp: 205518

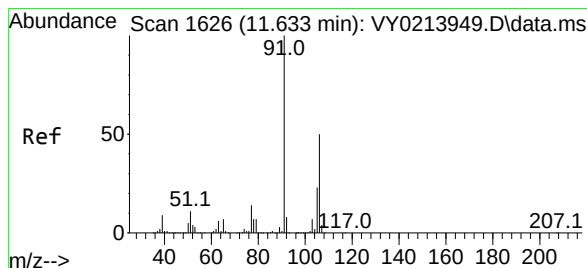
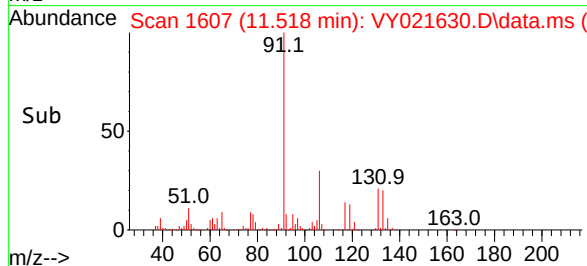
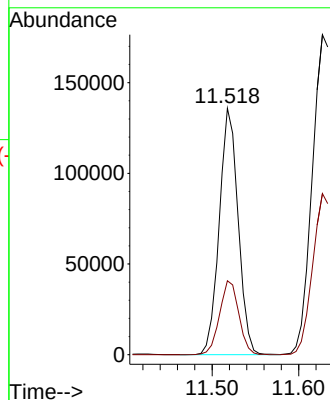
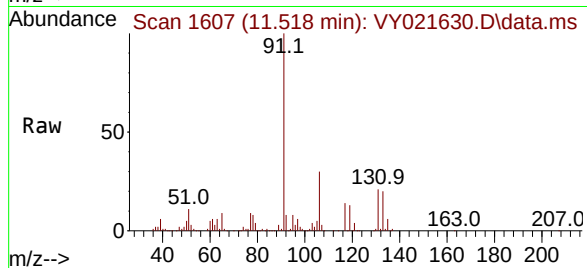
Ion Ratio Lower Upper

91 100

106 30.0 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025

#68

m/p-Xylenes

Concen: 40.343 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021630.D

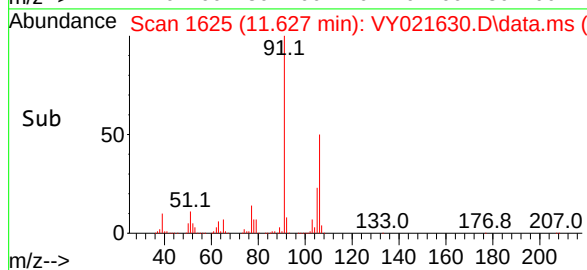
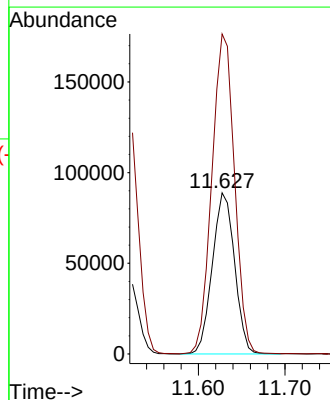
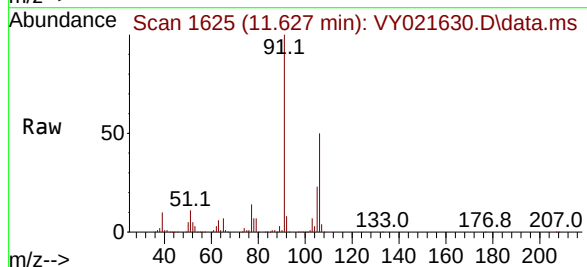
Acq: 25 Mar 2025 12:36

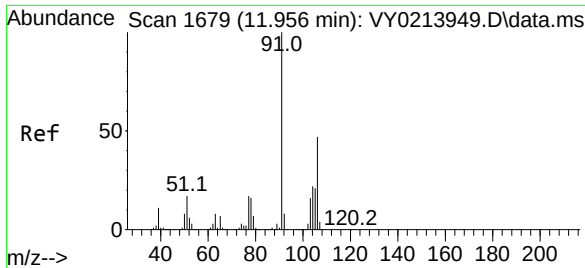
Tgt Ion:106 Resp: 158750

Ion Ratio Lower Upper

106 100

91 201.6 161.7 242.5





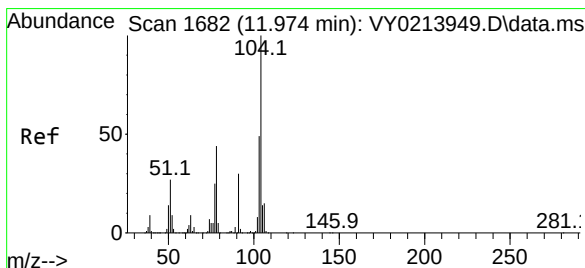
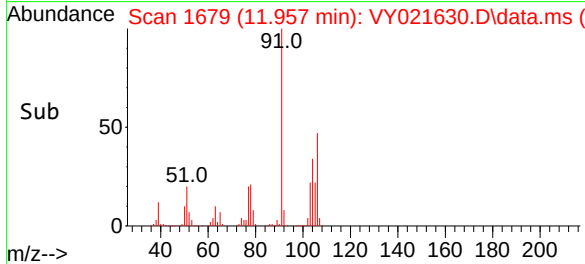
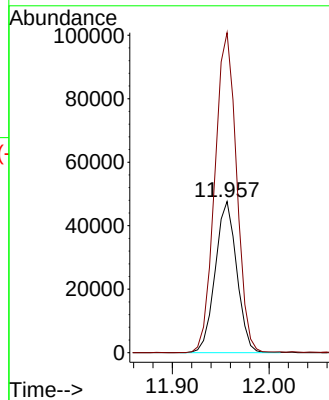
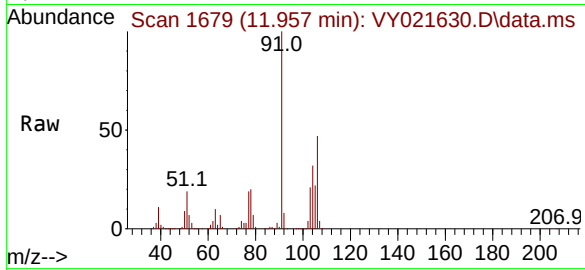
#69
o-Xylene
Concen: 20.305 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

Tgt Ion:106 Resp: 73638
Ion Ratio Lower Upper
106 100
91 214.1 107.6 322.8

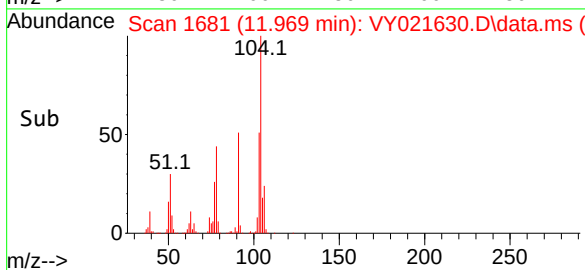
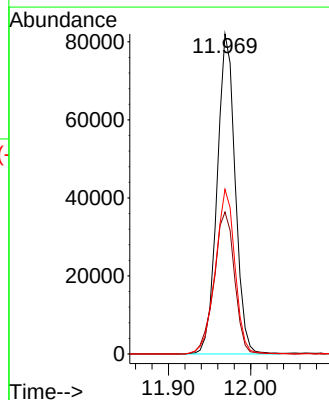
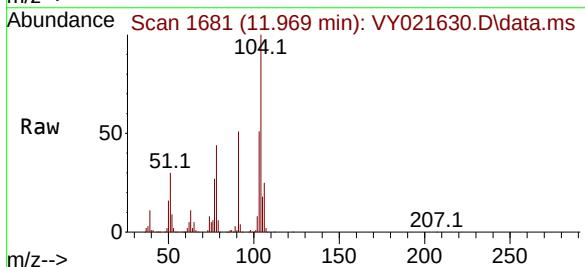
Manual Integrations
APPROVED

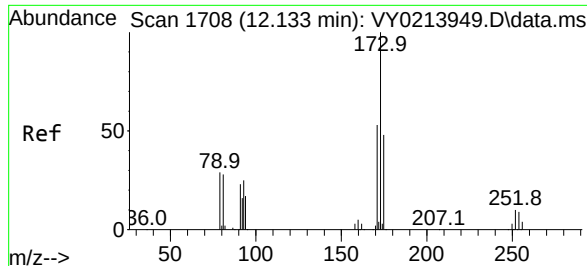
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#70
Styrene
Concen: 20.821 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

Tgt Ion:104 Resp: 125265
Ion Ratio Lower Upper
104 100
78 50.2 40.7 61.1
103 55.9 44.1 66.1





#71

Bromoform

Concen: 23.201 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

Tgt Ion:173 Resp: 2707

Ion Ratio Lower Upper

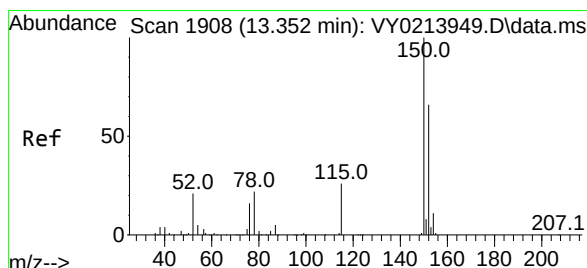
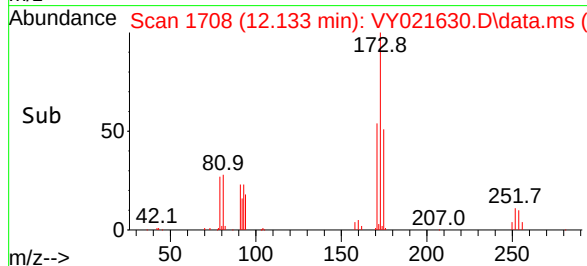
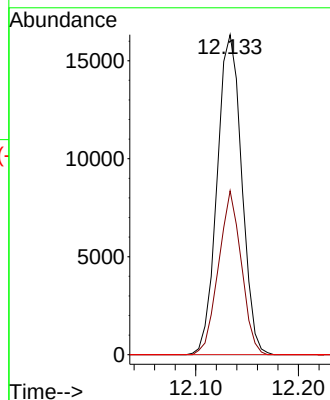
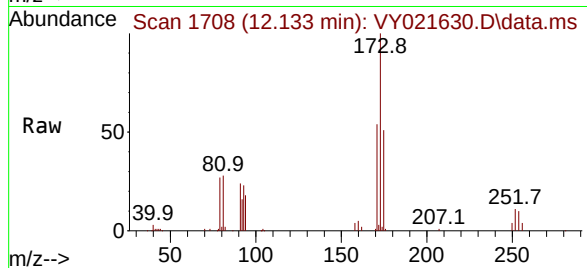
173 100

175 47.6 23.9 71.7

254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025

#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

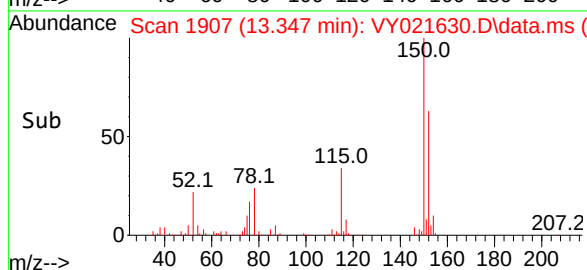
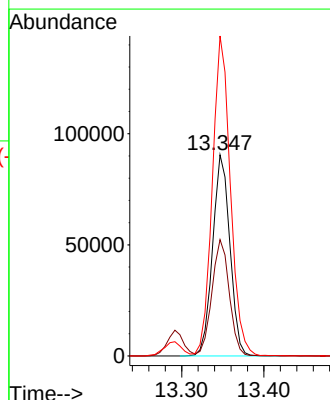
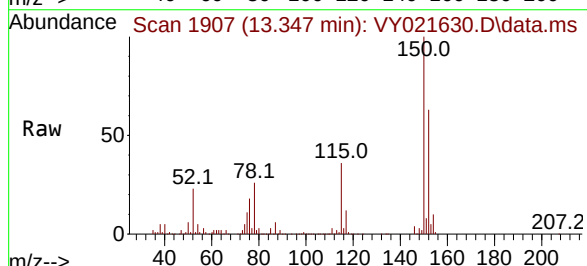
Tgt Ion:152 Resp: 132222

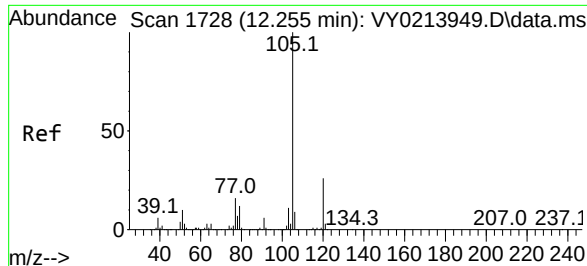
Ion Ratio Lower Upper

152 100

115 57.9 29.0 87.0

150 165.7 0.0 347.2





#73

Isopropylbenzene

Concen: 19.503 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

Tgt Ion:105 Resp: 20313

Ion Ratio Lower Upper

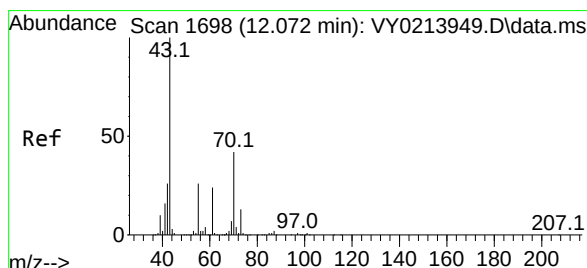
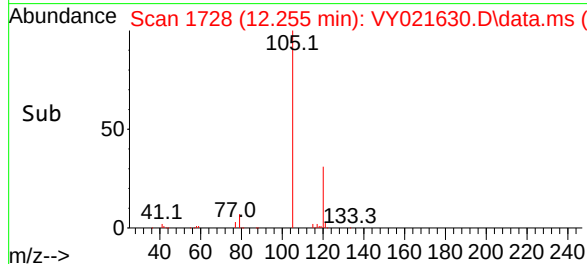
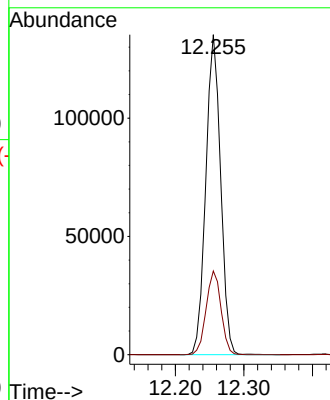
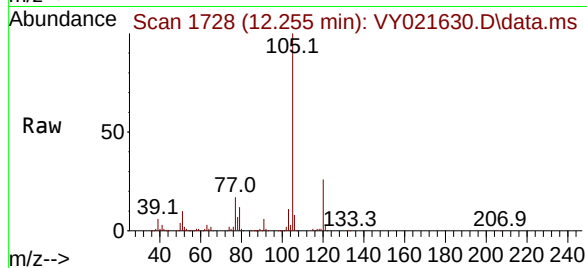
105 100

120 26.3 13.1 39.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
 Supervised By :Semsettin Yesilyurt 03/26/2025



#74

N-ethyl acetate

Concen: 20.774 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Tgt Ion: 43 Resp: 46989

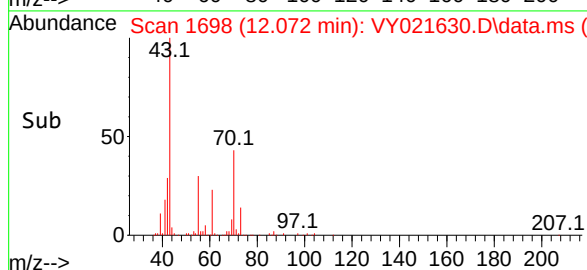
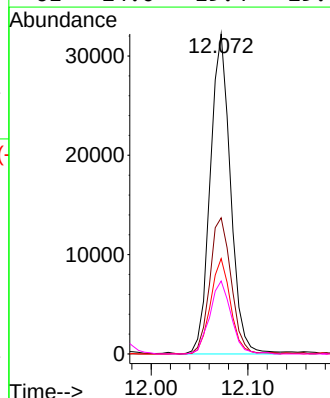
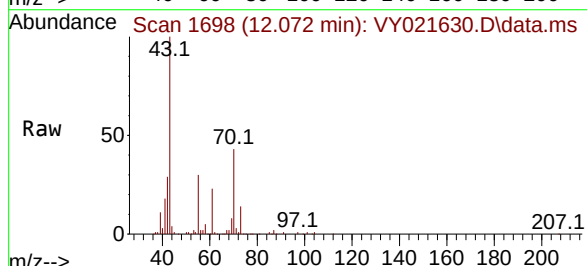
Ion Ratio Lower Upper

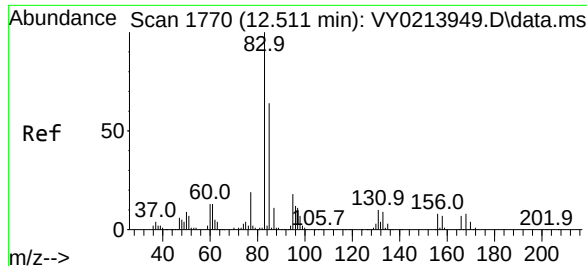
43 100

70 45.2 34.6 51.8

55 29.7 21.1 31.7

61 24.0 19.4 29.0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.267 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

Tgt Ion: 83 Resp: 39089

Ion Ratio Lower Upper

83 100

131 11.3 5.3 16.1

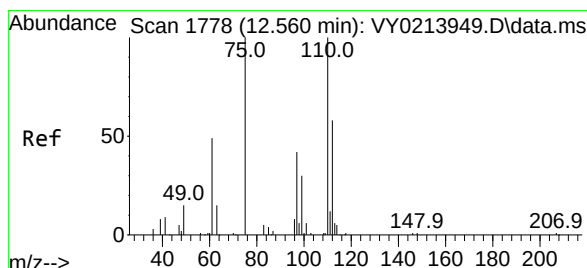
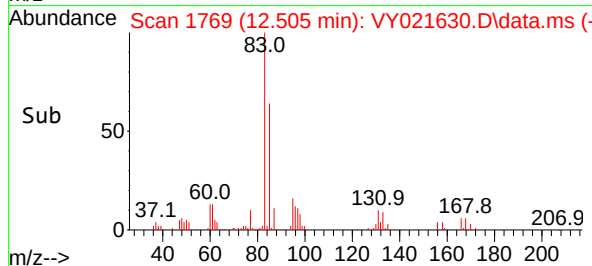
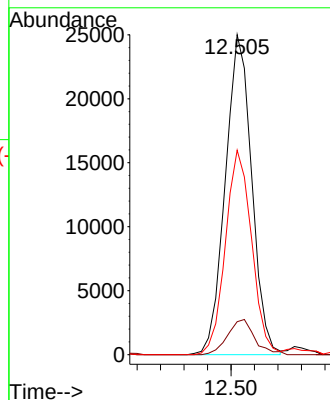
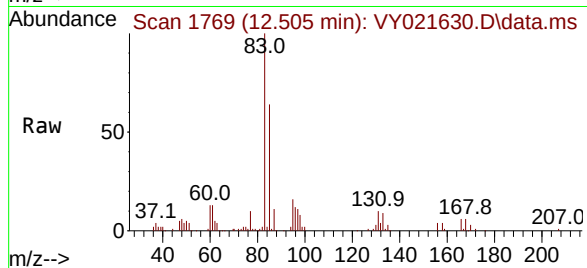
85 63.5 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025

Supervised By :Semsettin Yesilyurt 03/26/2025



#76

1,2,3-Trichloropropane

Concen: 22.035 ug/l m

RT: 12.554 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VY021630.D

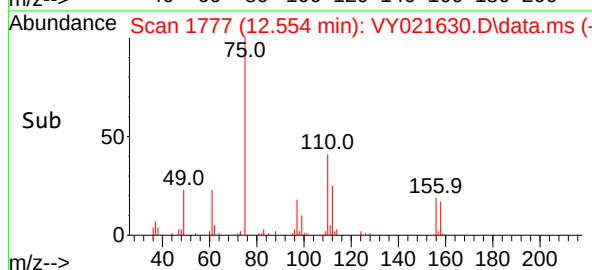
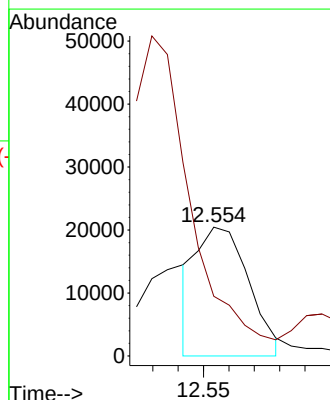
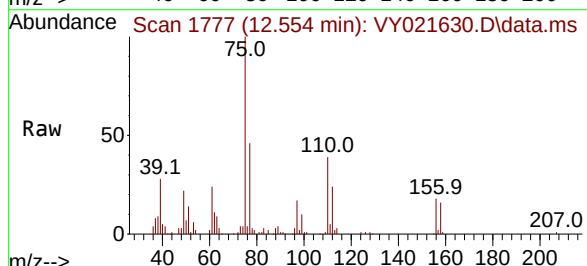
Acq: 25 Mar 2025 12:36

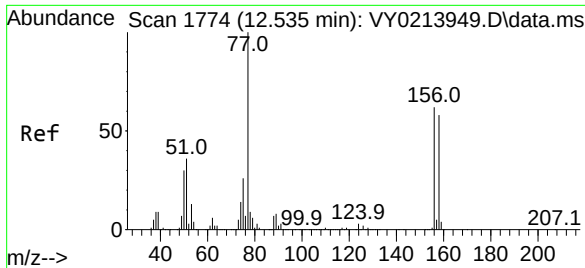
Tgt Ion: 75 Resp: 29359

Ion Ratio Lower Upper

75 100

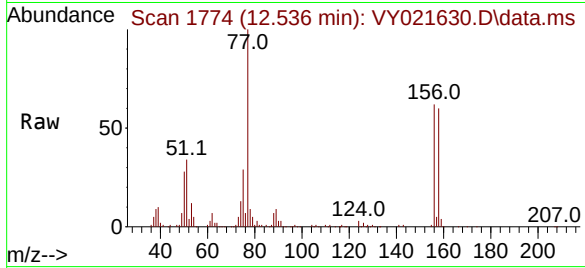
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 20.197 ug/l
RT: 12.536 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

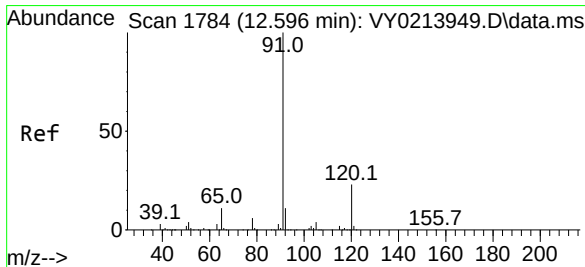
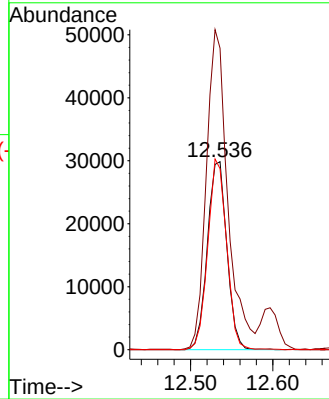
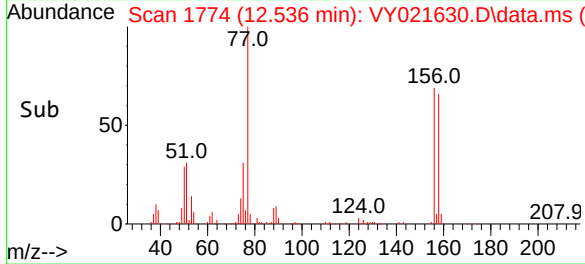
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01



Tgt Ion: 156 Resp: 49214
Ion Ratio Lower Upper
156 100
77 186.6 93.6 280.8
158 98.0 48.3 144.8

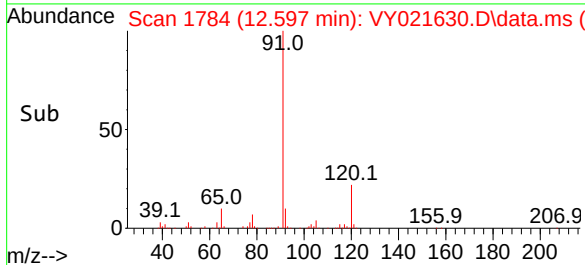
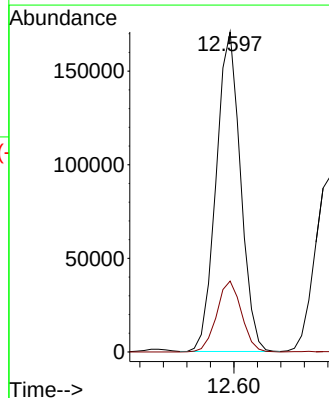
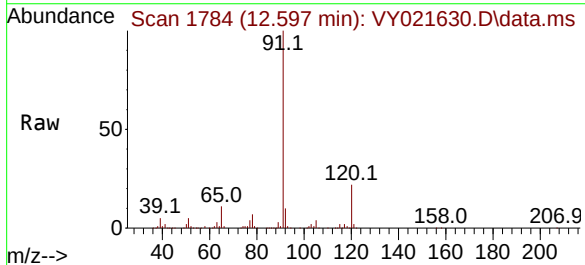
Manual Integrations
APPROVED

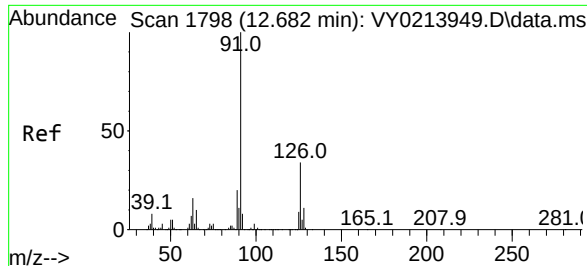
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#78
n-propylbenzene
Concen: 19.464 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

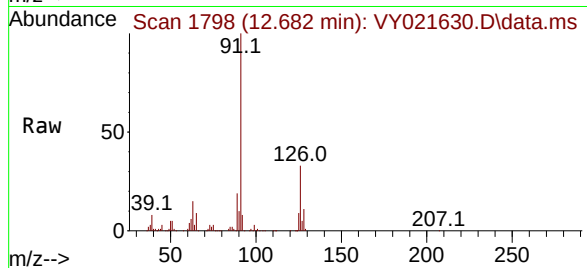
Tgt Ion: 91 Resp: 246203
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.8





#79
2-Chlorotoluene
Concen: 19.929 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36

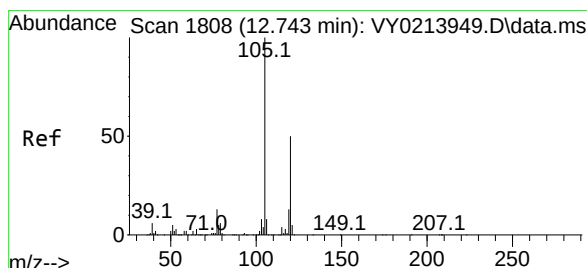
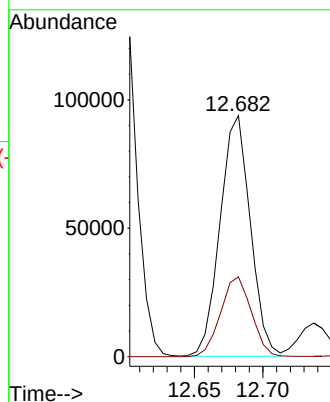
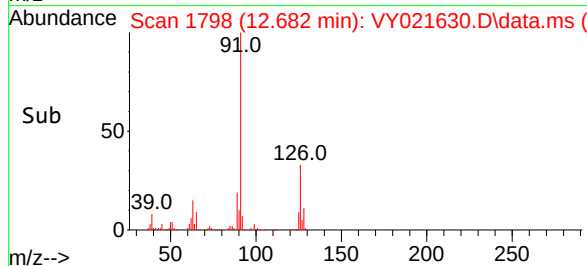
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01



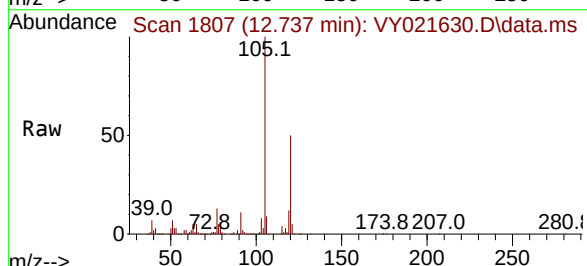
Tgt Ion: 91 Resp: 14414
Ion Ratio Lower Upper
91 100
126 33.8 17.2 51.6

Manual Integrations
APPROVED

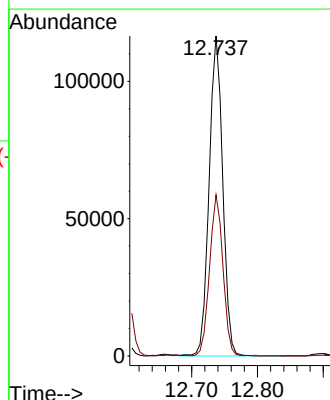
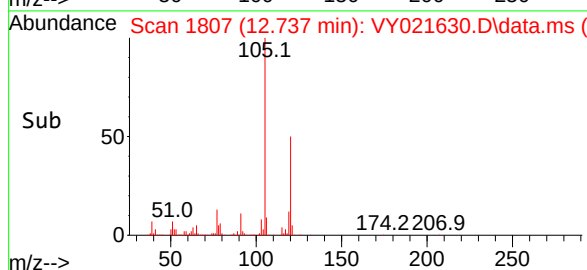
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025

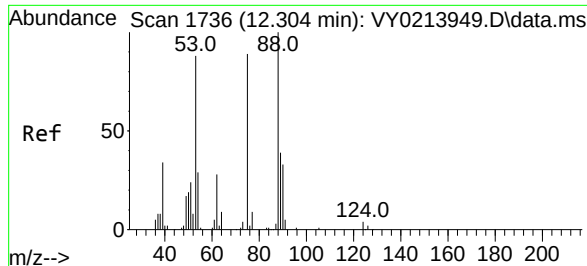


#80
1,3,5-Trimethylbenzene
Concen: 19.809 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY021630.D
Acq: 25 Mar 2025 12:36



Tgt Ion:105 Resp: 167672
Ion Ratio Lower Upper
105 100
120 49.6 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 19.082 ug/l

RT: 12.304 min Scan# 11184

Delta R.T. 0.000 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

Tgt Ion: 75 Resp: 11184

Ion Ratio Lower Upper

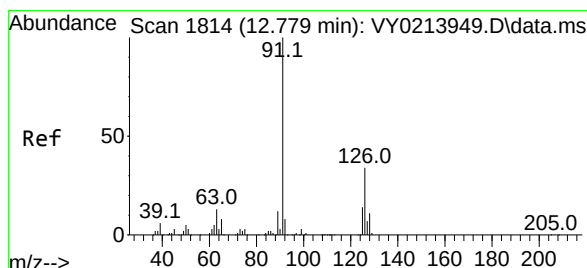
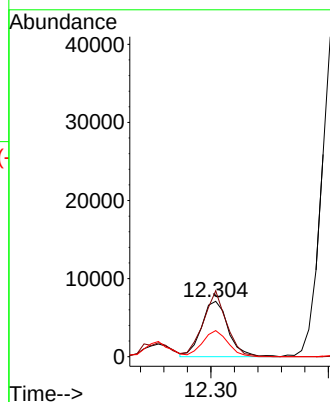
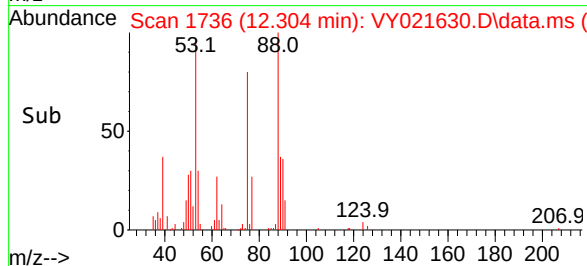
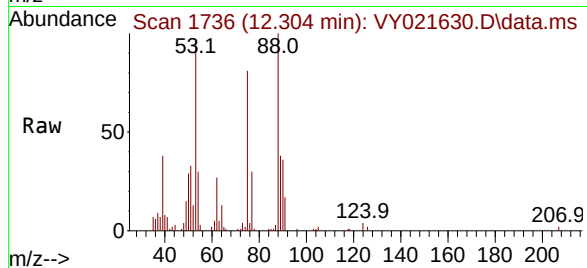
75 100

53 104.1 81.0 121.4

89 44.0 36.9 55.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025

#82

4-Chlorotoluene

Concen: 20.172 ug/l

RT: 12.780 min Scan# 1814

Delta R.T. 0.000 min

Lab File: VY021630.D

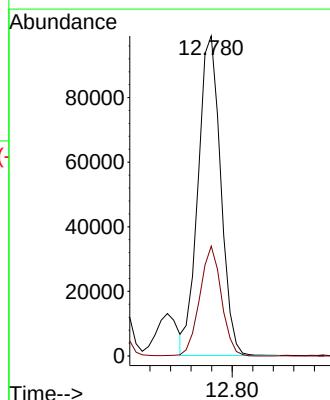
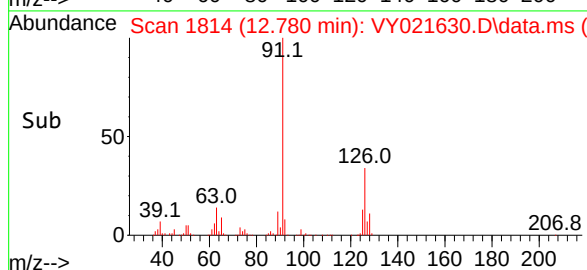
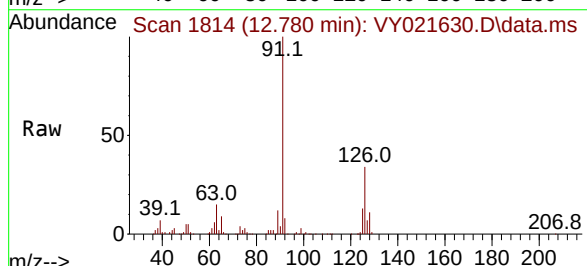
Acq: 25 Mar 2025 12:36

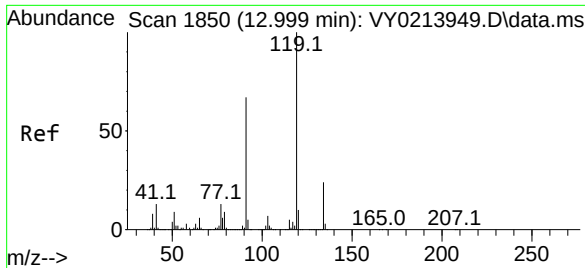
Tgt Ion: 91 Resp: 151082

Ion Ratio Lower Upper

91 100

126 33.0 17.0 51.0





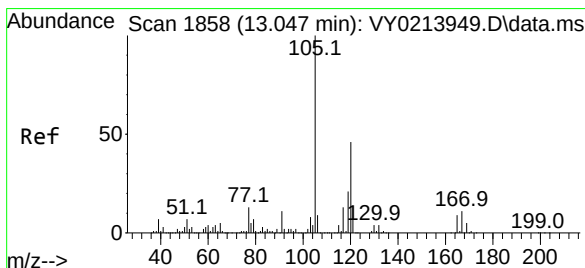
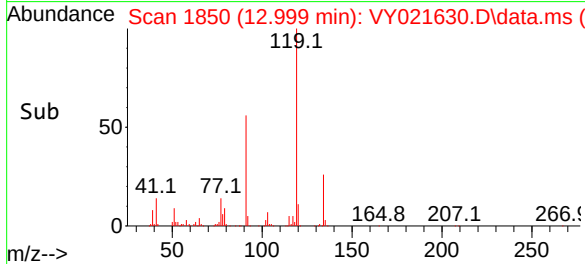
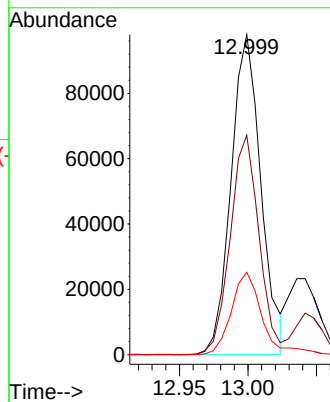
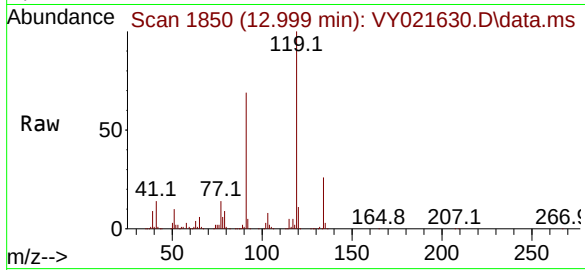
#83
 tert-Butylbenzene
 Concen: 19.699 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021630.D
 Acq: 25 Mar 2025 12:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0325SBS01

Tgt Ion:119 Resp: 14874
 Ion Ratio Lower Upper
 119 100
 91 66.0 33.2 99.6
 134 26.5 13.5 40.5

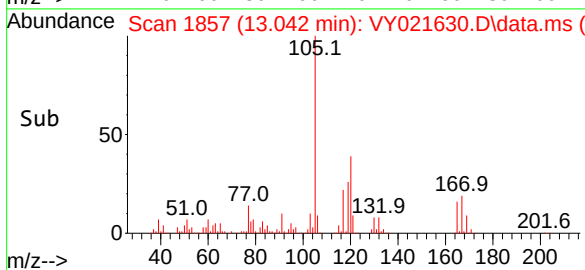
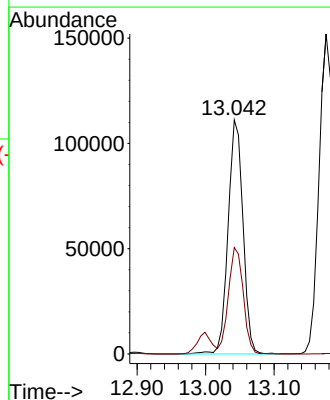
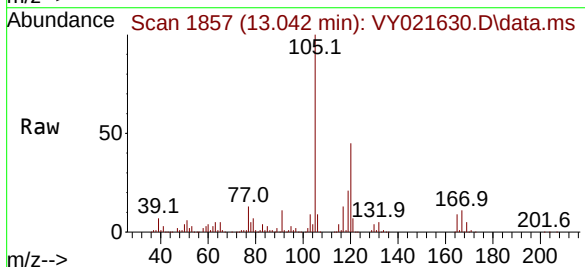
Manual Integrations
 APPROVED

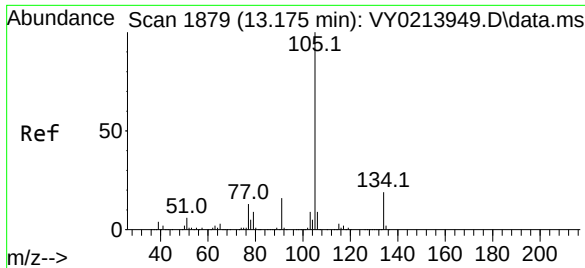
Reviewed By :Mahesh Dadoda 03/26/2025
 Supervised By :Semsettin Yesilyurt 03/26/2025



#84
 1,2,4-Trimethylbenzene
 Concen: 19.894 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.006 min
 Lab File: VY021630.D
 Acq: 25 Mar 2025 12:36

Tgt Ion:105 Resp: 167186
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.7 68.1





#85

sec-Butylbenzene

Concen: 20.013 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

Tgt Ion:105 Resp: 22483

Ion Ratio Lower Upper

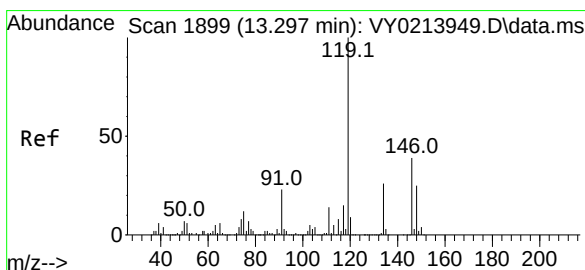
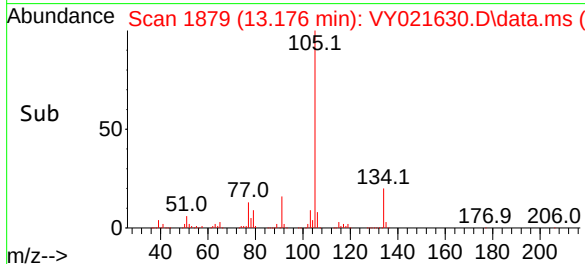
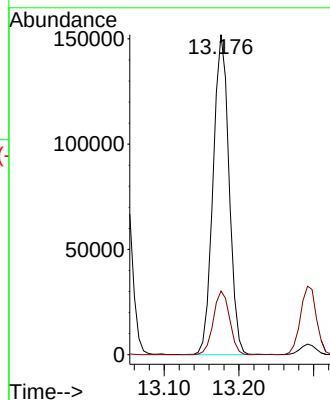
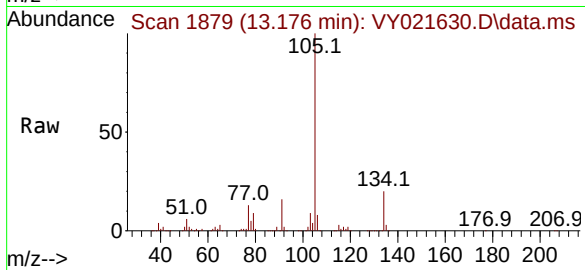
105 100

134 20.2 9.9 29.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
 Supervised By :Semsettin Yesilyurt 03/26/2025



#86

p-Isopropyltoluene

Concen: 20.019 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.006 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

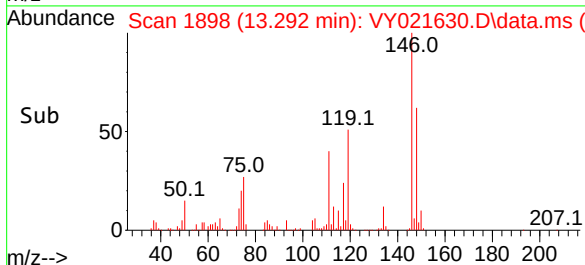
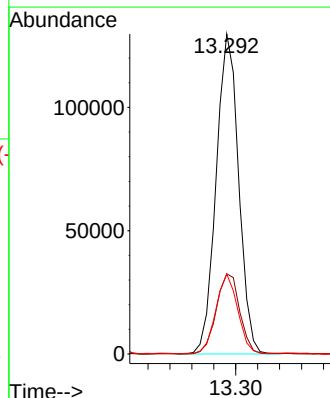
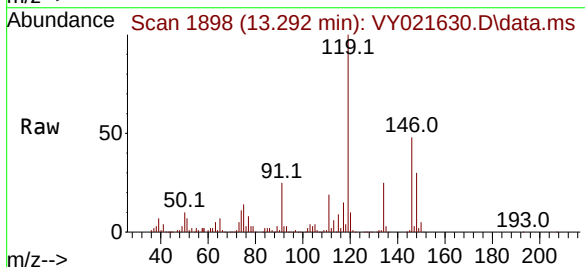
Tgt Ion:119 Resp: 185291

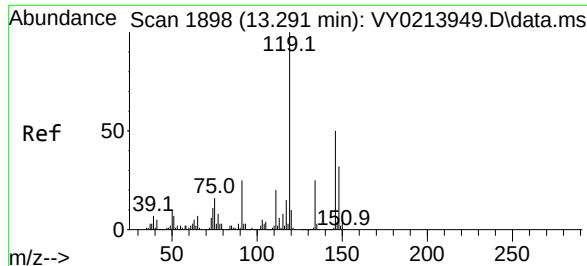
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

91 24.0 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 20.554 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY021630.D

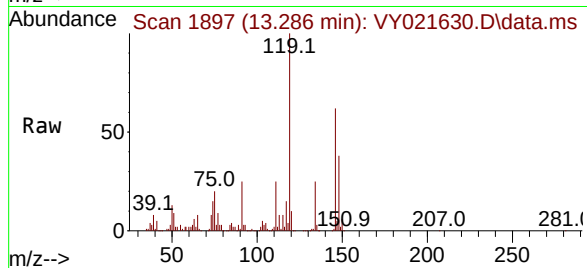
Acq: 25 Mar 2025 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01



Tgt Ion:146 Resp: 99690

Ion Ratio Lower Upper

146 100

111 40.1 20.0 60.0

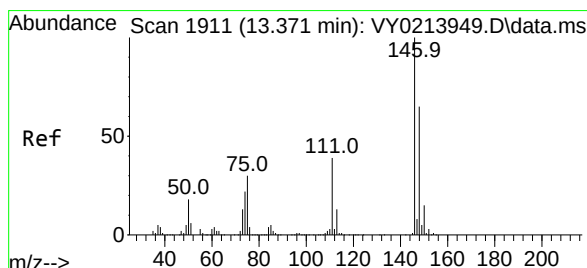
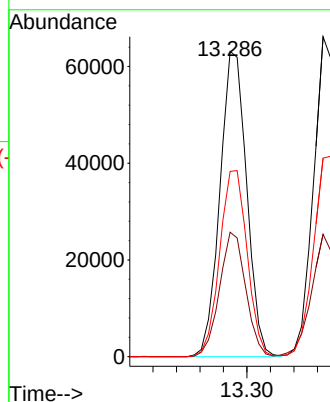
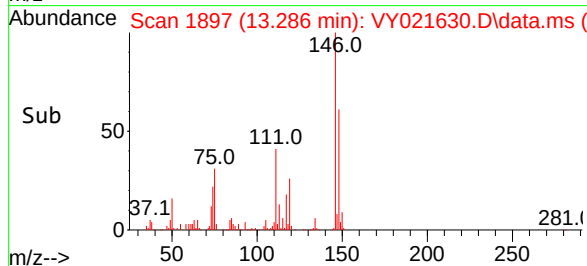
148 62.6 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025

Supervised By :Semsettin Yesilyurt 03/26/2025



#88

1,4-Dichlorobenzene

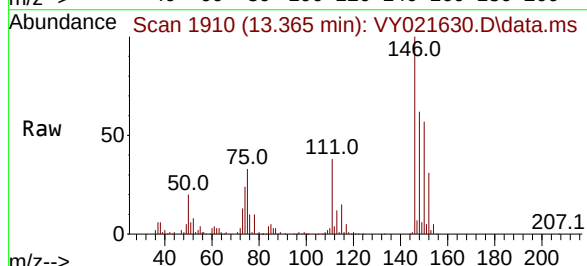
Concen: 20.828 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36



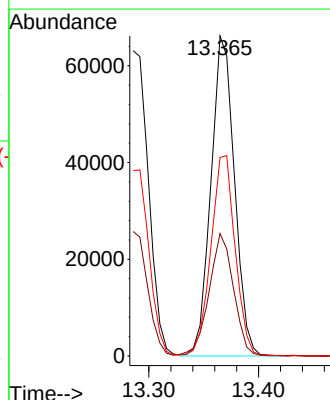
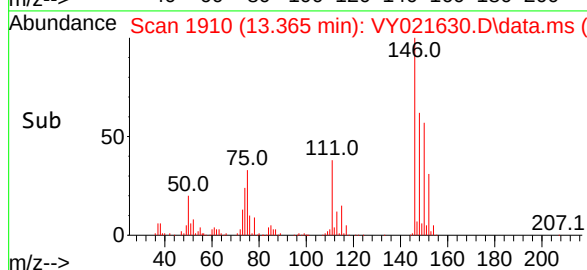
Tgt Ion:146 Resp: 98800

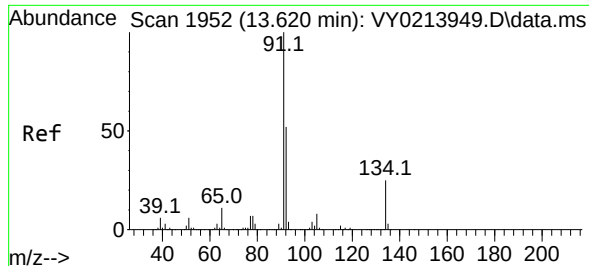
Ion Ratio Lower Upper

146 100

111 39.5 19.6 58.8

148 64.6 32.3 96.8





#89

n-Butylbenzene

Concen: 19.791 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Instrument :

MSVOA_Y

ClientSampleId :

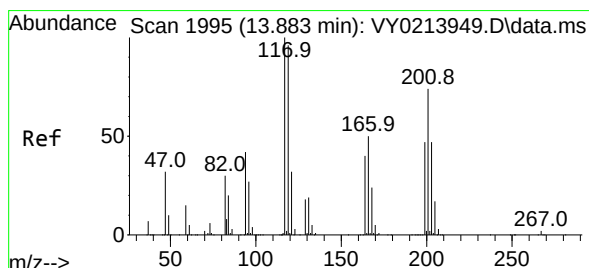
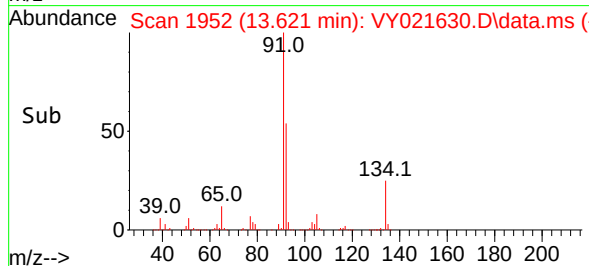
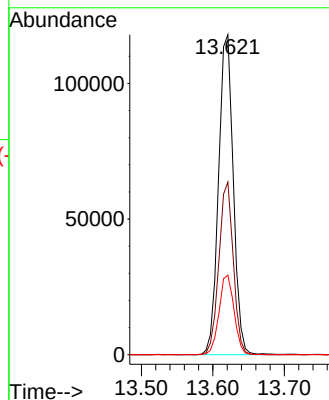
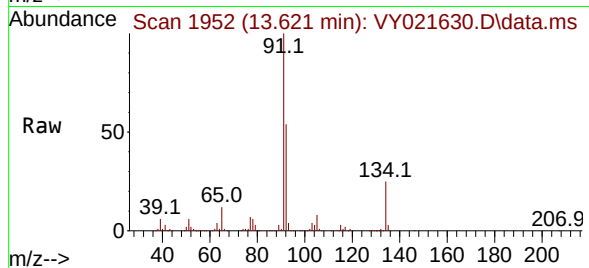
VY0325SBS01

Tgt Ion:	91	Resp:	16915
Ion Ratio	Lower	Upper	
91	100		
92	52.6	26.1	78.3
134	25.3	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#90

Hexachloroethane

Concen: 21.130 ug/l

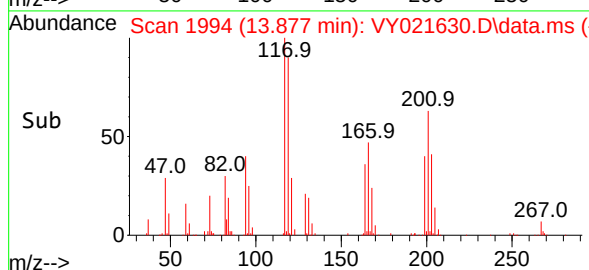
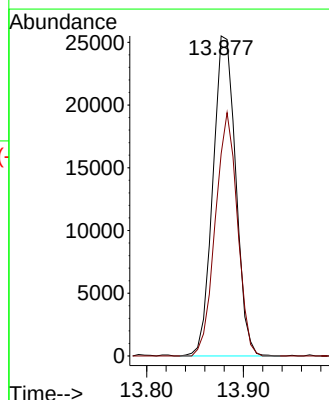
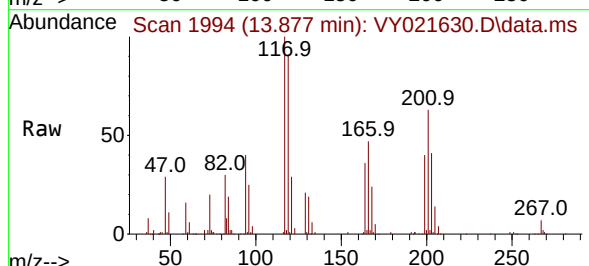
RT: 13.877 min Scan# 1994

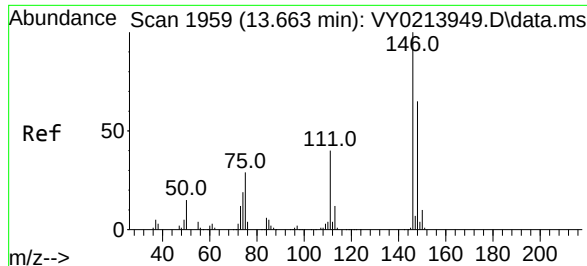
Delta R.T. -0.006 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Tgt Ion:	117	Resp:	41721
Ion Ratio	Lower	Upper	
117	100		
201	73.3	37.4	112.2





#91

1,2-Dichlorobenzene

Concen: 21.518 ug/l

RT: 13.658 min Scan# 1959

Delta R.T. -0.006 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Instrument :

MSVOA_Y

ClientSampleId :

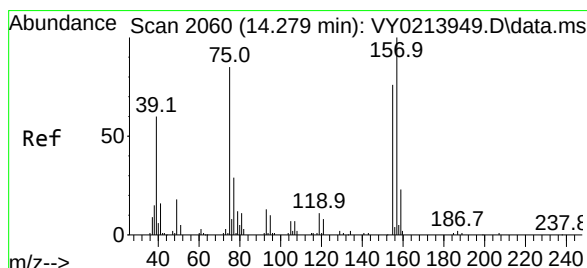
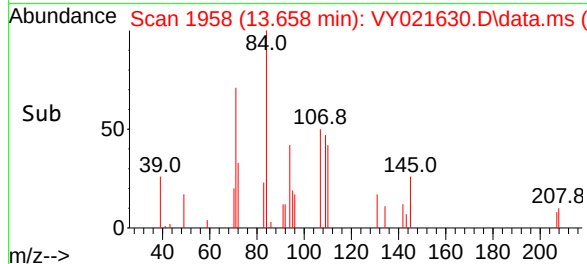
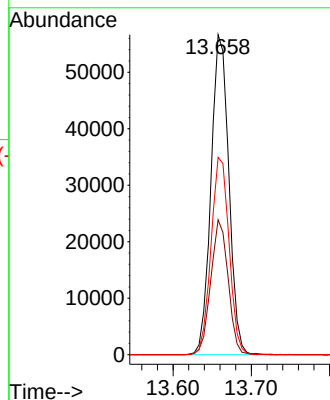
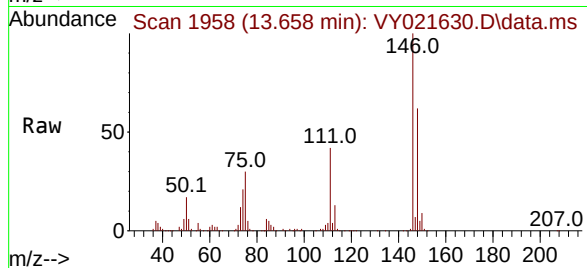
VY0325SBS01

Tgt Ion:	146	Resp:	8945
Ion Ratio	Lower	Upper	
146	100		
111	41.0	20.7	62.1
148	62.6	32.1	96.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.966 ug/l

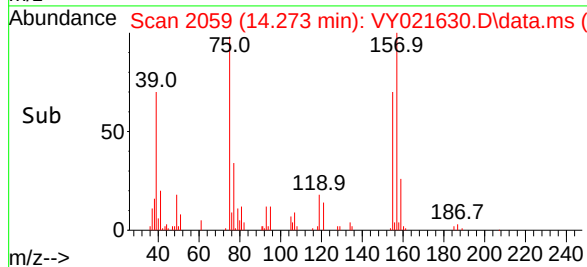
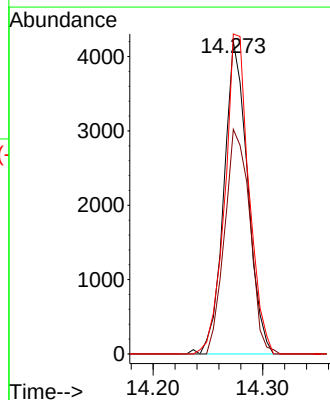
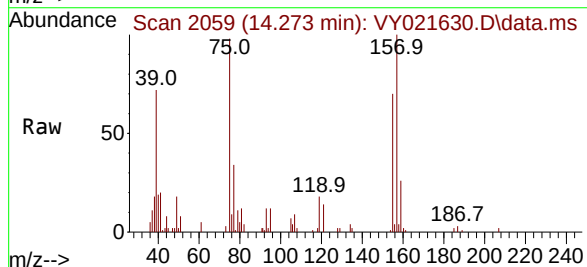
RT: 14.273 min Scan# 2059

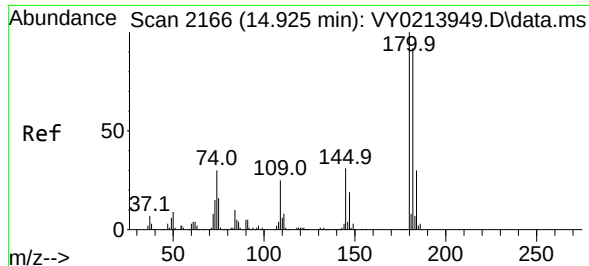
Delta R.T. -0.006 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Tgt Ion:	75	Resp:	6323
Ion Ratio	Lower	Upper	
75	100		
155	76.4	43.5	130.5
157	104.1	54.4	163.2





#93

1,2,4-Trichlorobenzene

Concen: 21.335 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

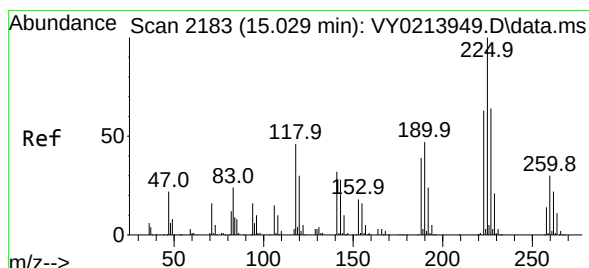
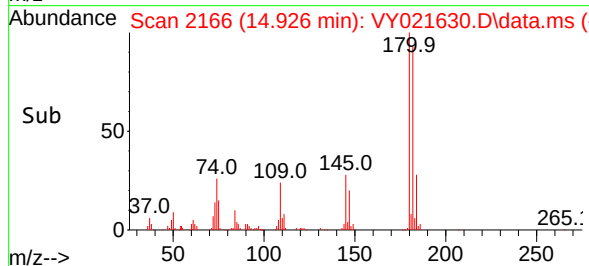
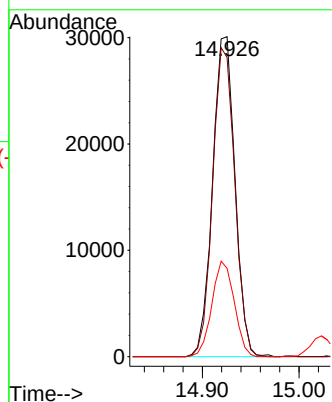
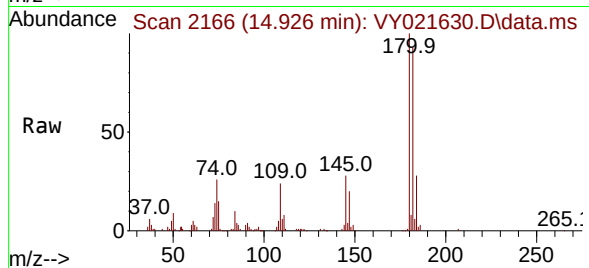
Tgt Ion:180 Resp: 4844

Ion	Ratio	Lower	Upper
180	100		
182	95.3	46.7	140.0
145	29.7	15.6	46.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#94

Hexachlorobutadiene

Concen: 21.638 ug/l

RT: 15.023 min Scan# 2182

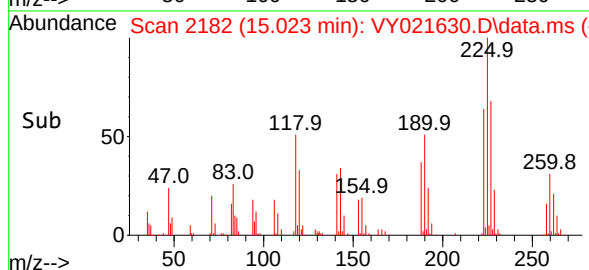
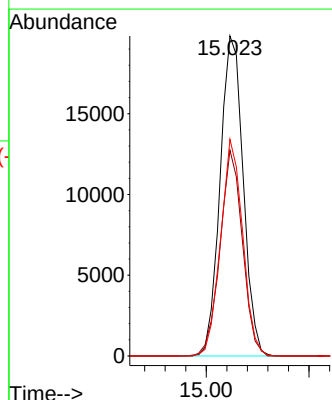
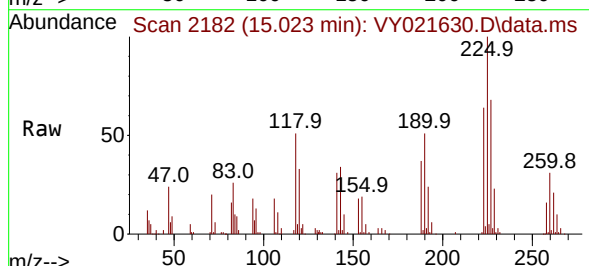
Delta R.T. -0.006 min

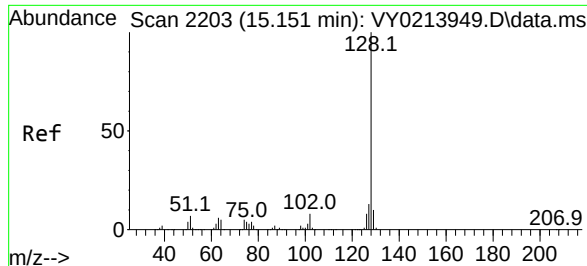
Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Tgt Ion:225 Resp: 30799

Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.4	94.2
227	64.9	31.8	95.4





#95

Naphthalene

Concen: 22.447 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Instrument :

MSVOA_Y

ClientSampleId :

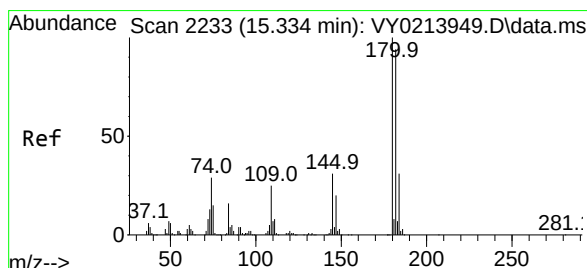
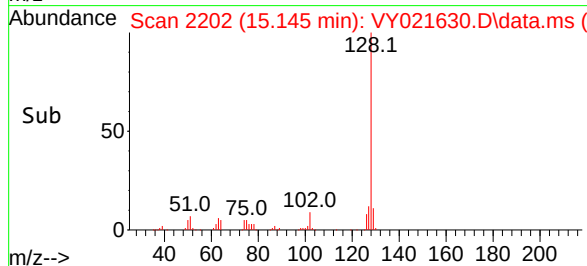
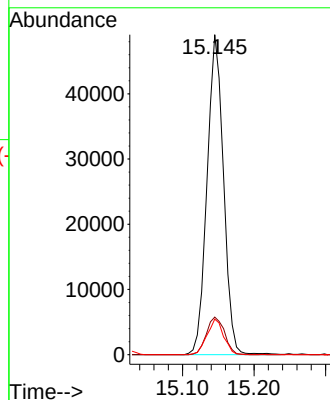
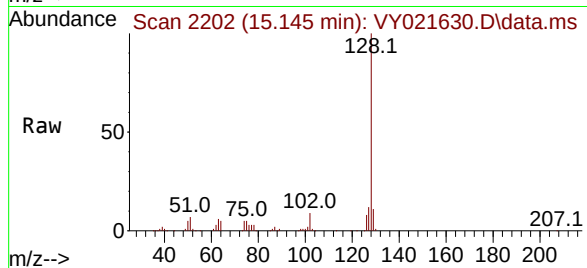
VY0325SBS01

Tgt Ion:	128	Resp:	7852
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.6	15.8
129	11.2	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#96

1,2,3-Trichlorobenzene

Concen: 21.805 ug/l

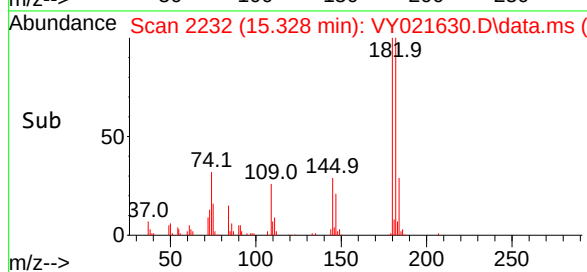
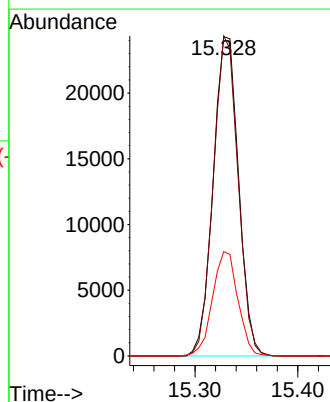
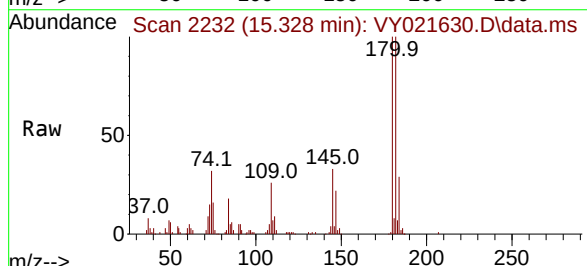
RT: 15.328 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY021630.D

Acq: 25 Mar 2025 12:36

Tgt Ion:	180	Resp:	41642
Ion Ratio	Lower	Upper	
180	100		
182	97.8	47.2	141.6
145	32.7	16.4	49.1



Report of Analysis

Client:	Walsh Construction Company II, LLC		Date Collected:	
Project:	Walsh CO-032 Sampling		Date Received:	
Client Sample ID:	VY0325SBSD01		SDG No.:	Q1626
Lab Sample ID:	VY0325SBSD01		Matrix:	SOIL
Analytical Method:	SW8260		% Solid:	100
Sample Wt/Vol:	5	Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021631.D	1		03/25/25 12:59	VY032525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	19.3		1.10	5.00	ug/Kg
74-87-3	Chloromethane	19.4		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	20.8		0.79	5.00	ug/Kg
74-83-9	Bromomethane	20.9		1.10	5.00	ug/Kg
75-00-3	Chloroethane	22.3		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	23.2		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	21.7		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	20.2		1.00	5.00	ug/Kg
67-64-1	Acetone	96.2		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	16.1		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	22.7		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	25.3		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	22.5		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	19.9		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	22.2		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	18.1		0.79	5.00	ug/Kg
78-93-3	2-Butanone	110		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	20.6		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	21.6		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	20.8		1.20	5.00	ug/Kg
67-66-3	Chloroform	23.2		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	22.2		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	17.8		0.91	5.00	ug/Kg
71-43-2	Benzene	20.7		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	21.9		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	21.2		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	22.2		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	22.6		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	120		3.60	25.0	ug/Kg
108-88-3	Toluene	20.9		0.78	5.00	ug/Kg

Report of Analysis

Client:	Walsh Construction Company II, LLC		Date Collected:	
Project:	Walsh CO-032 Sampling		Date Received:	
Client Sample ID:	VY0325SBS01		SDG No.:	Q1626
Lab Sample ID:	VY0325SBS01		Matrix:	SOIL
Analytical Method:	SW8260		% Solid:	100
Sample Wt/Vol:	5	Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021631.D	1		03/25/25 12:59	VY032525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	21.4		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	21.2		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	23.7		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	120		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	23.2		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	22.6		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	23.6		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	20.9		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.1		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	40.4		1.20	10.0	ug/Kg
95-47-6	o-Xylene	20.4		0.82	5.00	ug/Kg
100-42-5	Styrene	21.0		0.71	5.00	ug/Kg
75-25-2	Bromoform	23.2		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	19.2		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	21.9		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	20.5		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	20.5		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	21.3		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	23.5		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	21.8		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	22.8		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	58.2		63 - 155	116%	SPK: 50
1868-53-7	Dibromofluoromethane	54.9		70 - 134	110%	SPK: 50
2037-26-5	Toluene-d8	52.1		74 - 123	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.2		38 - 136	106%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	175000	7.707			
540-36-3	1,4-Difluorobenzene	281000	8.616			
3114-55-4	Chlorobenzene-d5	249000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	133000	13.346			

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	VY0325SBSD01	SDG No.:	Q1626
Lab Sample ID:	VY0325SBSD01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5	Units:	g
Soil Aliquot Vol:			uL
GC Column:	RXI-624	ID :	0.25
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021631.D	1		03/25/25 12:59	VY032525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032525\
 Data File : VY021631.D
 Acq On : 25 Mar 2025 12:59
 Operator : SY/MD
 Sample : VY0325SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0325SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
 Supervised By :Semsettin Yesilyurt 03/26/2025

Quant Time: Mar 26 01:36:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	175250	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	281285	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	248863	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	132727	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	107798	58.197	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.400%			
35) Dibromofluoromethane	7.634	113	101432	54.860	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.720%			
50) Toluene-d8	10.103	98	364657	52.089	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.180%			
62) 4-Bromofluorobenzene	12.408	95	126684	53.199	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 106.400%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	31100	19.338	ug/l	99
3) Chloromethane	2.068	50	43910	19.366	ug/l	95
4) Vinyl Chloride	2.202	62	51454	20.766	ug/l	97
5) Bromomethane	2.586	94	37484	20.932	ug/l	91
6) Chloroethane	2.732	64	36530	22.310	ug/l	100
7) Trichlorofluoromethane	3.050	101	80238	23.201	ug/l	97
8) Diethyl Ether	3.458	74	21092	22.007	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	42860	21.706	ug/l	99
10) Methyl Iodide	4.001	142	40370	20.113	ug/l	98
11) Tert butyl alcohol	4.854	59	14514	107.689	ug/l	99
12) 1,1-Dichloroethene	3.787	96	36318	20.174	ug/l	98
13) Acrolein	3.647	56	9218	97.841	ug/l	90
14) Allyl chloride	4.379	41	60332	20.738	ug/l	98
15) Acrylonitrile	5.055	53	49015	120.137	ug/l	99
16) Acetone	3.873	43	38849	96.161	ug/l	99
17) Carbon Disulfide	4.104	76	90886	16.110	ug/l	98
18) Methyl Acetate	4.385	43	22666	25.285	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	103456	22.674	ug/l	100
20) Methylene Chloride	4.616	84	47732	22.508	ug/l	96
21) trans-1,2-Dichloroethene	5.110	96	40210	19.945	ug/l	96
22) Diisopropyl ether	6.019	45	141865	22.627	ug/l	96
23) Vinyl Acetate	5.958	43	396966	110.943	ug/l	98
24) 1,1-Dichloroethane	5.915	63	82207	22.216	ug/l	98
25) 2-Butanone	6.896	43	61405	109.877	ug/l	100
26) 2,2-Dichloropropane	6.884	77	66035	19.395	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	49580	21.648	ug/l	97
28) Bromochloromethane	7.244	49	32306	20.825	ug/l	99
29) Tetrahydrofuran	7.262	42	40133	116.324	ug/l	98
30) Chloroform	7.421	83	89027	23.170	ug/l	97
31) Cyclohexane	7.695	56	62737	18.085	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	78223	22.234	ug/l	99
36) 1,1-Dichloropropene	7.835	75	56866	19.649	ug/l	99
37) Ethyl Acetate	6.982	43	29252	22.868	ug/l	99
38) Carbon Tetrachloride	7.817	117	68454	20.566	ug/l	95
39) Methylcyclohexane	9.109	83	63072	17.767	ug/l	99
40) Benzene	8.079	78	176793	20.737	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032525\
 Data File : VY021631.D
 Acq On : 25 Mar 2025 12:59
 Operator : SY/MD
 Sample : VY0325SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0325SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
 Supervised By :Semsettin Yesilyurt 03/26/2025

Quant Time: Mar 26 01:36:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	15940	22.885	ug/l #	91
42) 1,2-Dichloroethane	8.158	62	52127	21.856	ug/l	99
43) Isopropyl Acetate	8.195	43	55391	22.306	ug/l #	88
44) Trichloroethene	8.866	130	45720	21.222	ug/l	98
45) 1,2-Dichloropropane	9.140	63	45034	22.194	ug/l	95
46) Dibromomethane	9.231	93	25166	22.291	ug/l	99
47) Bromodichloromethane	9.420	83	67725	22.588	ug/l	98
48) Methyl methacrylate	9.219	41	25710	22.547	ug/l	98
49) 1,4-Dioxane	9.225	88	5817	524.929	ug/l	97
51) 4-Methyl-2-Pentanone	9.999	43	151557	118.288	ug/l	99
52) Toluene	10.170	92	112490	20.928	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	56575	21.418	ug/l	95
54) cis-1,3-Dichloropropene	9.853	75	66385	21.167	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	34943	23.661	ug/l	95
56) Ethyl methacrylate	10.438	69	41533	22.051	ug/l	98
57) 1,3-Dichloropropane	10.719	76	57380	22.417	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	100684	115.799	ug/l	99
59) 2-Hexanone	10.762	43	99005	116.862	ug/l	98
60) Dibromochloromethane	10.914	129	47032	23.230	ug/l	99
61) 1,2-Dibromoethane	11.012	107	31432	22.551	ug/l	98
64) Tetrachloroethene	10.646	164	47781	23.611	ug/l	97
65) Chlorobenzene	11.438	112	123052	20.939	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	45685	21.988	ug/l	99
67) Ethyl Benzene	11.518	91	207154	20.083	ug/l	97
68) m/p-Xylenes	11.627	106	158239	40.408	ug/l	100
69) o-Xylene	11.956	106	73614	20.396	ug/l	98
70) Styrene	11.969	104	125909	21.029	ug/l	99
71) Bromoform	12.133	173	26976	23.226	ug/l #	97
73) Isopropylbenzene	12.255	105	201024	19.227	ug/l	100
74) N-amyl acetate	12.072	43	48701	21.448	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	40336	21.862	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	29213m	21.842	ug/l	
77) Bromobenzene	12.530	156	49891	20.397	ug/l	100
78) n-propylbenzene	12.597	91	244887	19.286	ug/l	100
79) 2-Chlorotoluene	12.682	91	143314	19.739	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	166063	19.545	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	11105	18.875	ug/l	96
82) 4-Chlorotoluene	12.779	91	147962	19.680	ug/l	99
83) tert-Butylbenzene	12.999	119	149683	19.748	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	168050	19.920	ug/l	99
85) sec-Butylbenzene	13.176	105	224391	19.897	ug/l	98
86) p-Isopropyltoluene	13.292	119	182252	19.616	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	99930	20.524	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	97457	20.467	ug/l	98
89) n-Butylbenzene	13.615	91	165833	19.329	ug/l	100
90) Hexachloroethane	13.877	117	39726	20.043	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	88702	21.256	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6507	23.544	ug/l	92
93) 1,2,4-Trichlorobenzene	14.919	180	49613	21.766	ug/l	99
94) Hexachlorobutadiene	15.023	225	30756	21.526	ug/l	98
95) Naphthalene	15.145	128	82996	23.510	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	43614	22.751	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032525\
Data File : VY021631.D
Acq On : 25 Mar 2025 12:59
Operator : SY/MD
Sample : VY0325SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025

Quant Time: Mar 26 01:36:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

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

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

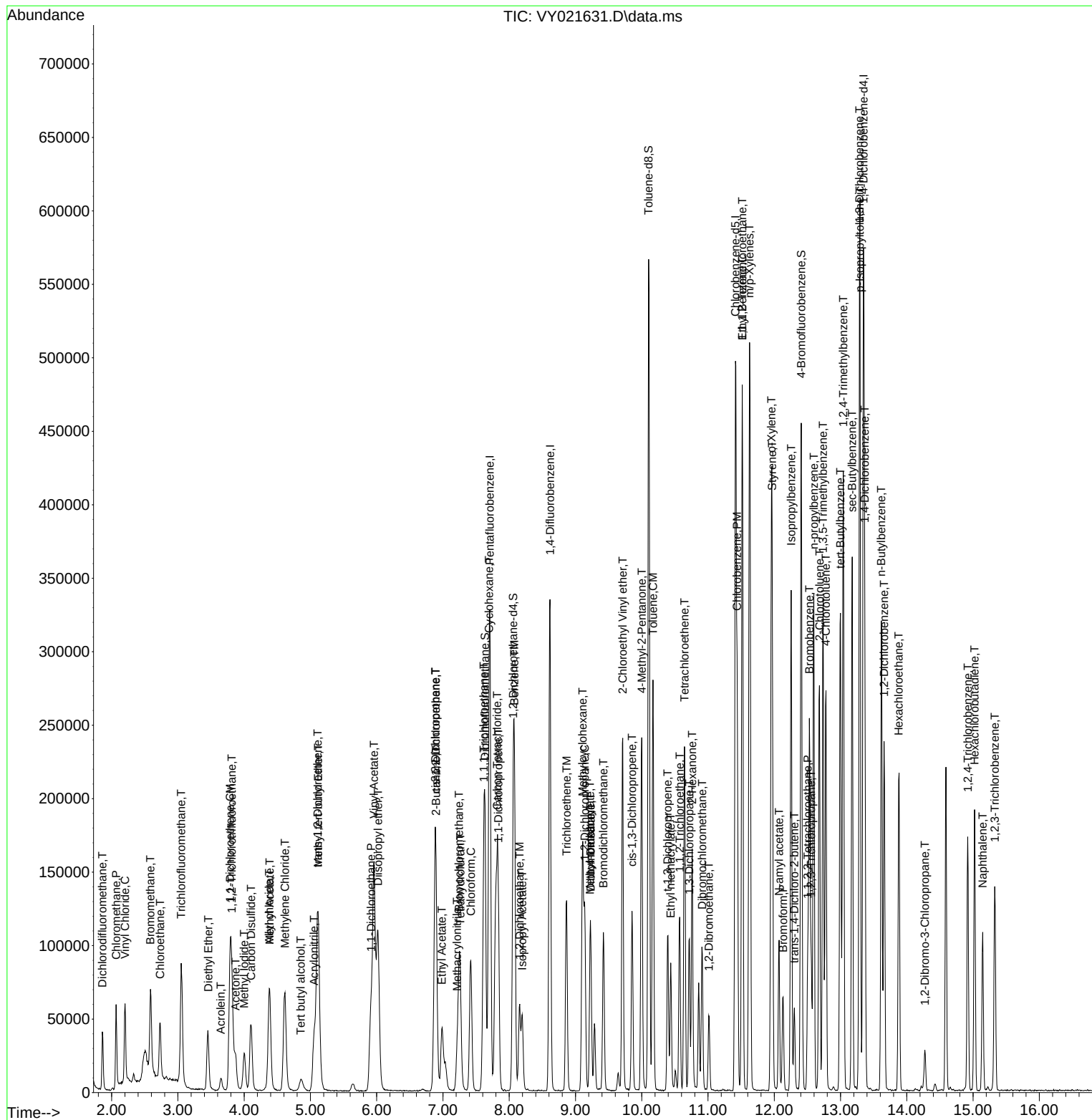
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Acq On : 25 Mar 2025 12:59
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ALS Vial : 5 Sample Multiplier: 1

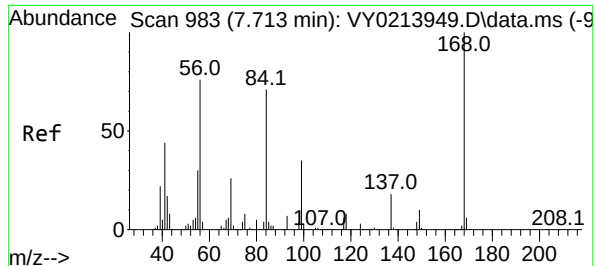
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025

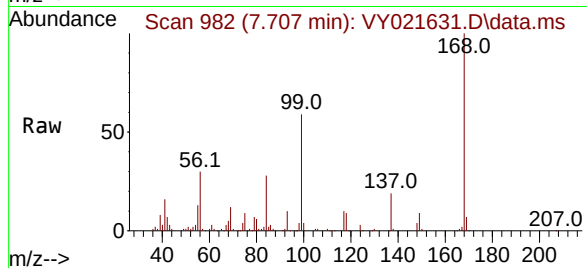
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Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021631.D
Acq: 25 Mar 2025 12:59

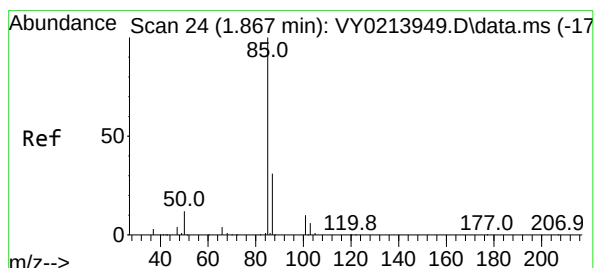
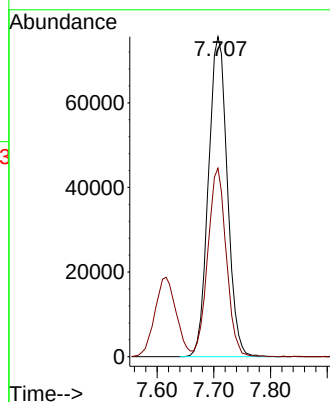
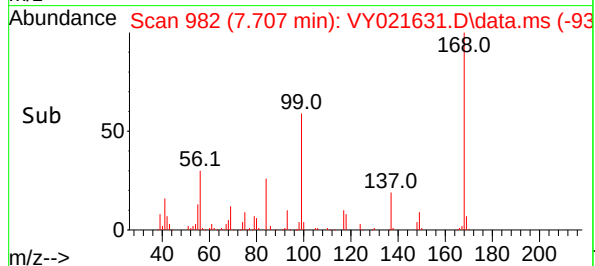
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01



Tgt Ion:168 Resp: 175250
Ion Ratio Lower Upper
168 100
99 58.9 46.0 69.0

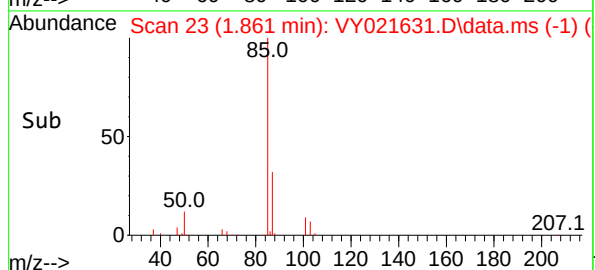
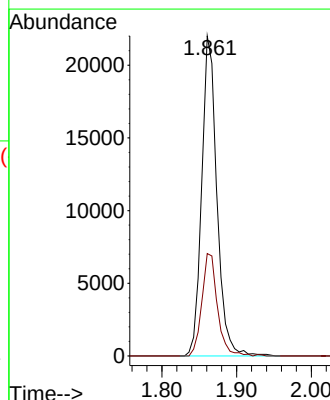
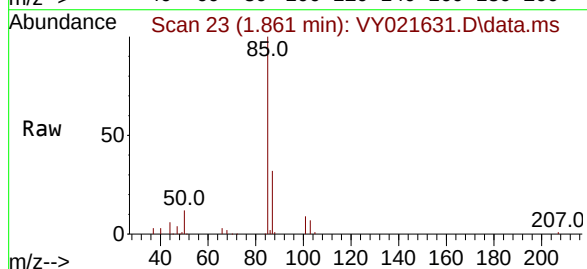
Manual Integrations
APPROVED

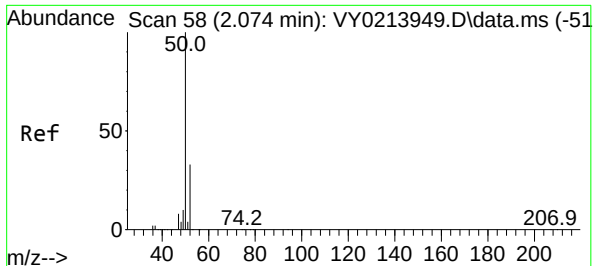
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#2
Dichlorodifluoromethane
Concen: 19.338 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021631.D
Acq: 25 Mar 2025 12:59

Tgt Ion: 85 Resp: 31100
Ion Ratio Lower Upper
85 100
87 32.0 15.7 47.0





#3

Chloromethane

Concen: 19.366 ug/l

RT: 2.068 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY021631.D

Acq: 25 Mar 2025 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

Tgt Ion: 50 Resp: 43910

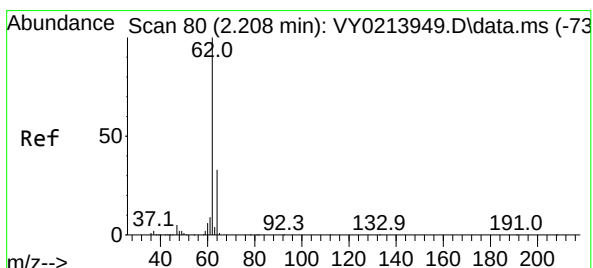
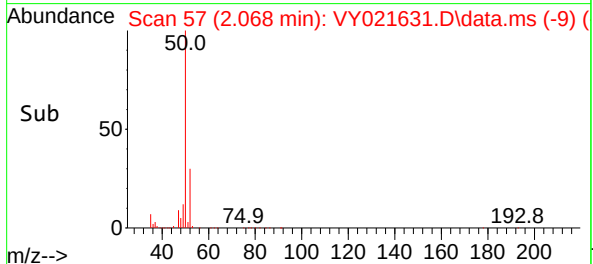
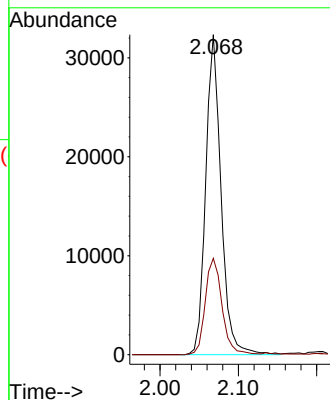
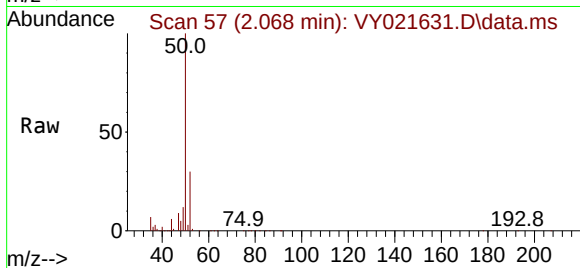
Ion Ratio Lower Upper

50 100

52 30.1 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025

#4

Vinyl Chloride

Concen: 20.766 ug/l

RT: 2.202 min Scan# 79

Delta R.T. -0.006 min

Lab File: VY021631.D

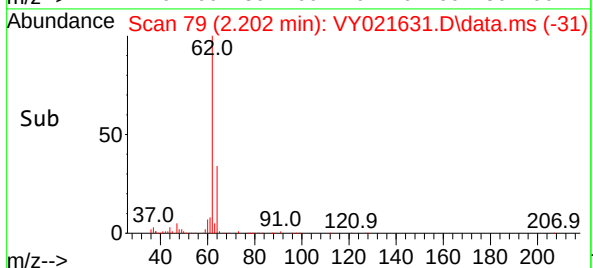
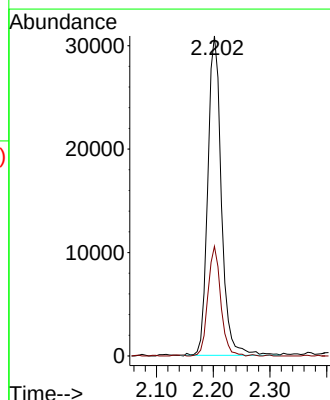
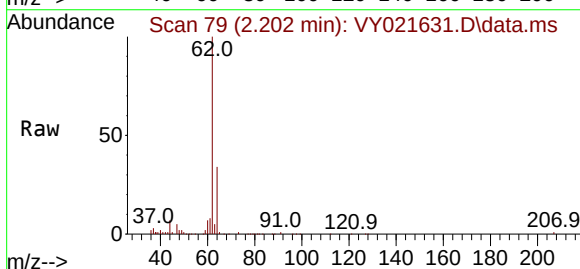
Acq: 25 Mar 2025 12:59

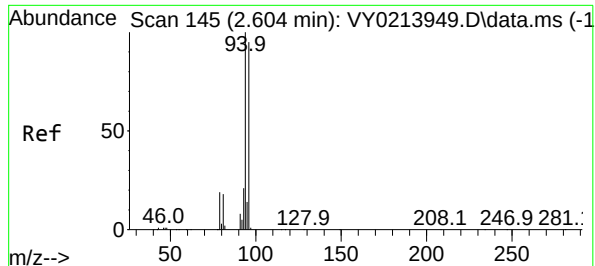
Tgt Ion: 62 Resp: 51454

Ion Ratio Lower Upper

62 100

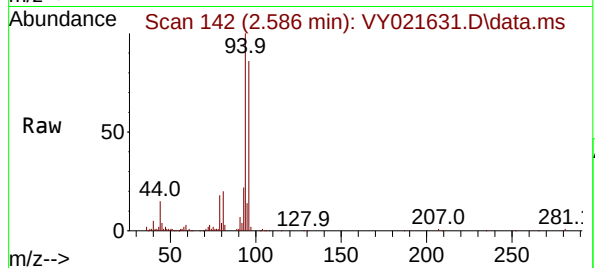
64 34.3 26.2 39.2





#5
Bromomethane
Concen: 20.932 ug/l
RT: 2.586 min Scan# 145
Delta R.T. -0.018 min
Lab File: VY021631.D
Acq: 25 Mar 2025 12:59

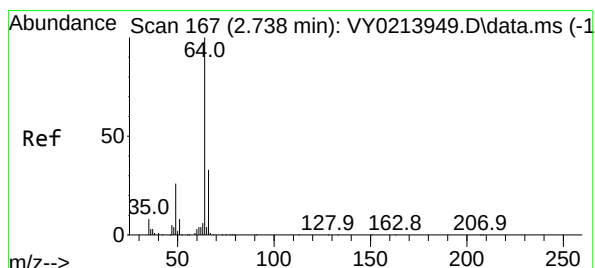
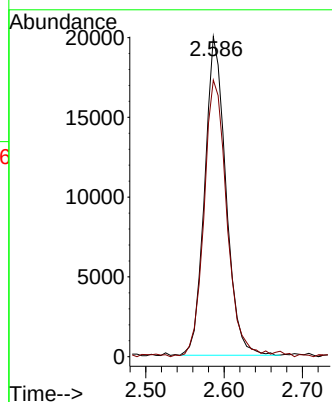
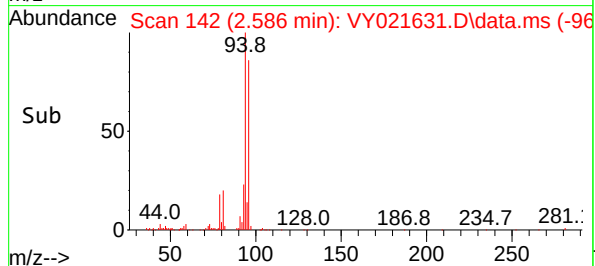
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01



Tgt Ion: 94 Resp: 37484
Ion Ratio Lower Upper
94 100
96 86.5 76.3 114.5

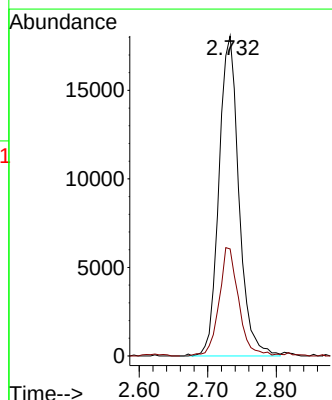
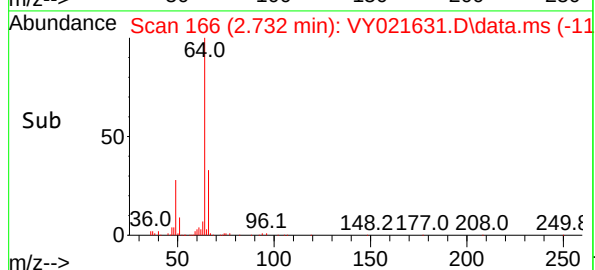
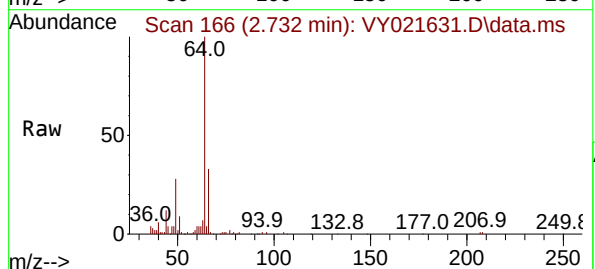
Manual Integrations
APPROVED

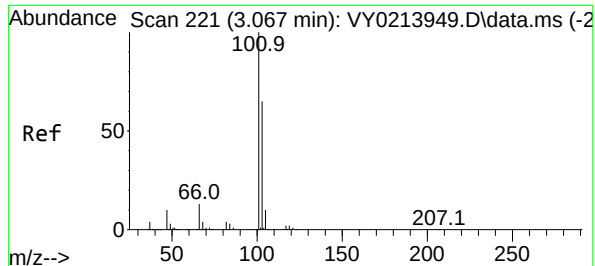
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#6
Chloroethane
Concen: 22.310 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY021631.D
Acq: 25 Mar 2025 12:59

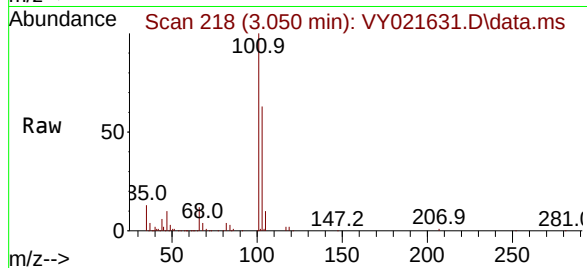
Tgt Ion: 64 Resp: 36530
Ion Ratio Lower Upper
64 100
66 33.5 26.7 40.1





#7
Trichlorofluoromethane
Concen: 23.201 ug/l
RT: 3.050 min Scan# 21
Delta R.T. -0.018 min
Lab File: VY021631.D
Acq: 25 Mar 2025 12:59

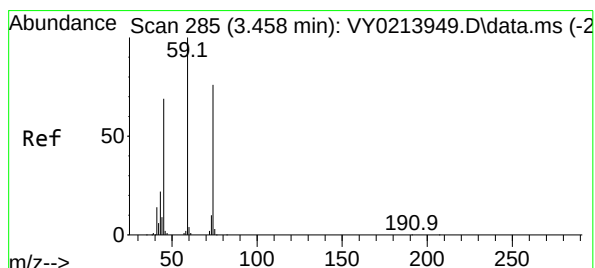
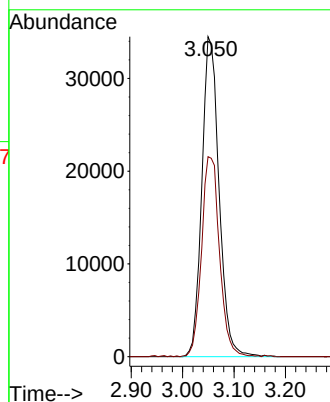
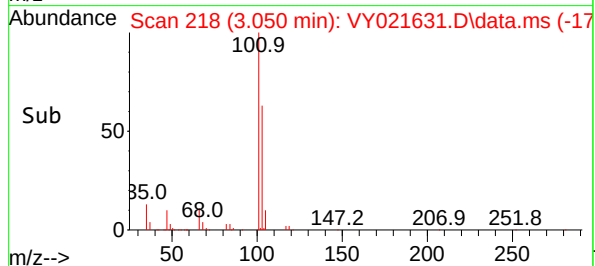
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01



Tgt Ion:101 Resp: 80238
Ion Ratio Lower Upper
101 100
103 62.5 51.7 77.5

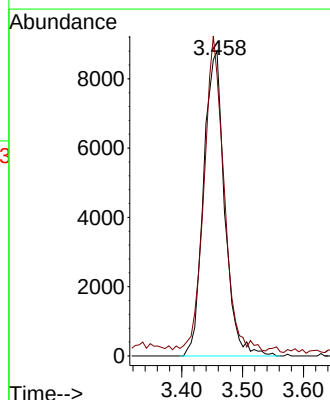
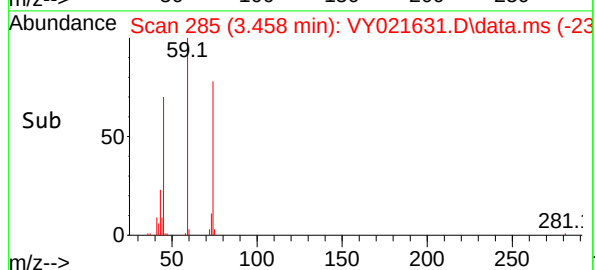
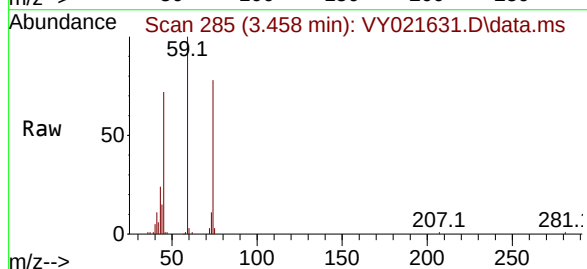
Manual Integrations
APPROVED

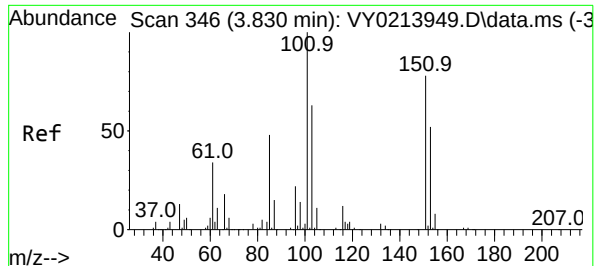
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#8
Diethyl Ether
Concen: 22.007 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.000 min
Lab File: VY021631.D
Acq: 25 Mar 2025 12:59

Tgt Ion: 74 Resp: 21092
Ion Ratio Lower Upper
74 100
45 98.0 49.7 149.1





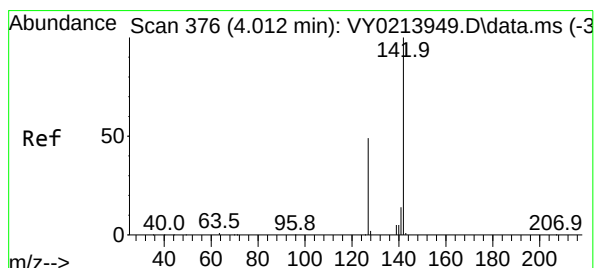
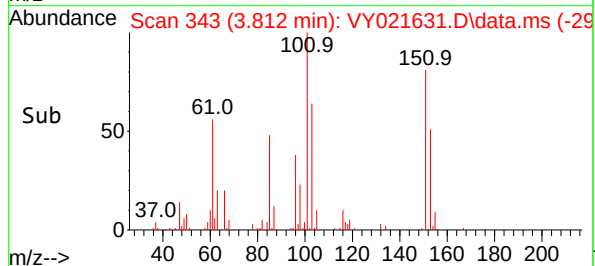
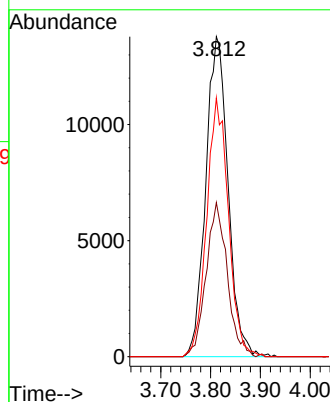
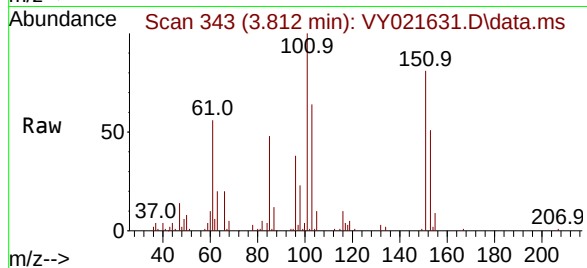
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.706 ug/l
RT: 3.812 min Scan# 346
Delta R.T. -0.018 min
Lab File: VY021631.D
Acq: 25 Mar 2025 12:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

Tgt Ion:101 Resp: 42860
Ion Ratio Lower Upper
101 100
85 45.7 37.1 55.7
151 78.4 62.1 93.1

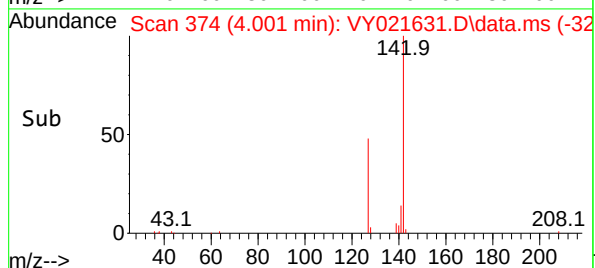
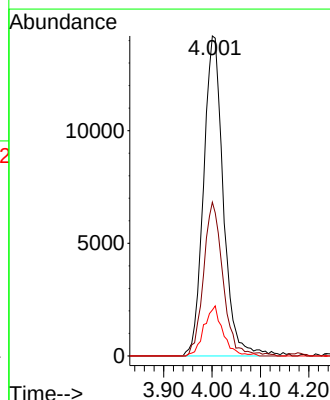
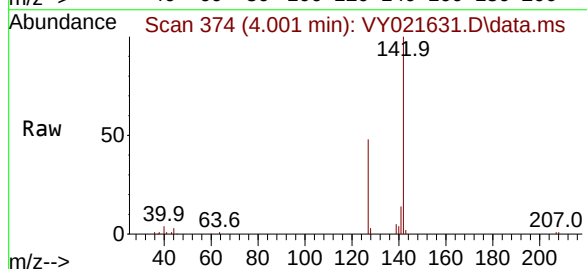
Manual Integrations
APPROVED

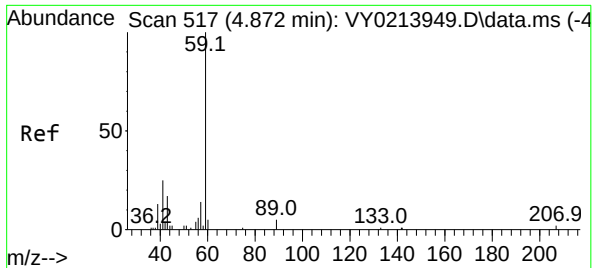
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#10
Methyl Iodide
Concen: 20.113 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.012 min
Lab File: VY021631.D
Acq: 25 Mar 2025 12:59

Tgt Ion:142 Resp: 40370
Ion Ratio Lower Upper
142 100
127 47.4 39.1 58.7
141 15.0 11.8 17.6





#11

Tert butyl alcohol

Concen: 107.689 ug/l

RT: 4.854 min Scan# 517

Delta R.T. -0.018 min

Lab File: VY021631.D

Acq: 25 Mar 2025 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

Tgt Ion: 59 Resp: 14514

Ion Ratio Lower Upper

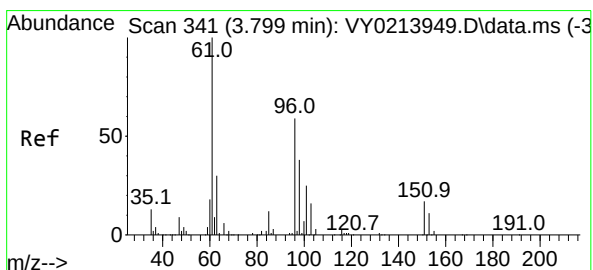
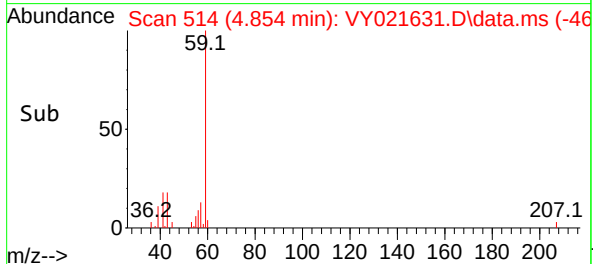
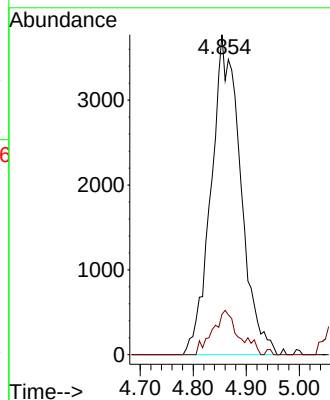
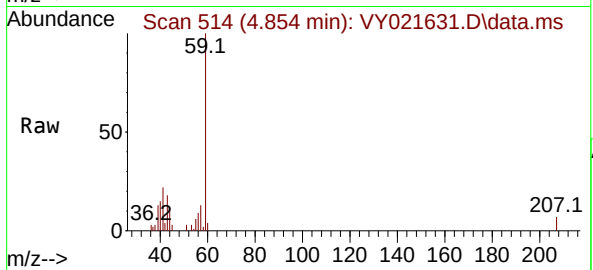
59 100

57 10.8 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
 Supervised By :Semsettin Yesilyurt 03/26/2025



#12

1,1-Dichloroethene

Concen: 20.174 ug/l

RT: 3.787 min Scan# 339

Delta R.T. -0.012 min

Lab File: VY021631.D

Acq: 25 Mar 2025 12:59

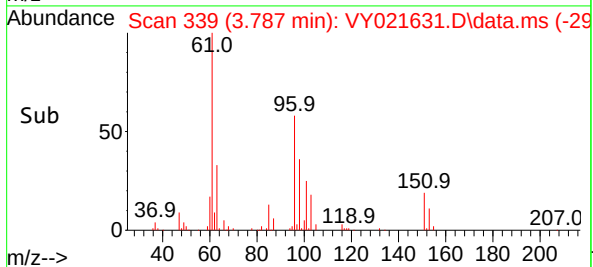
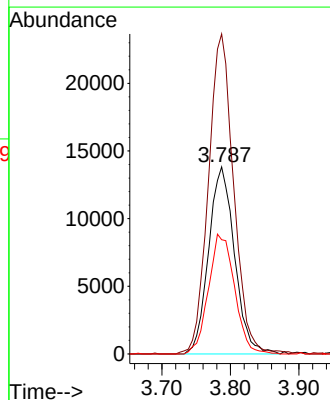
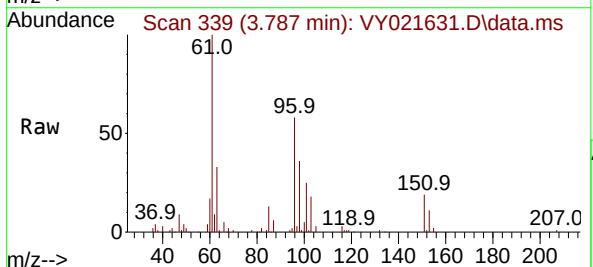
Tgt Ion: 96 Resp: 36318

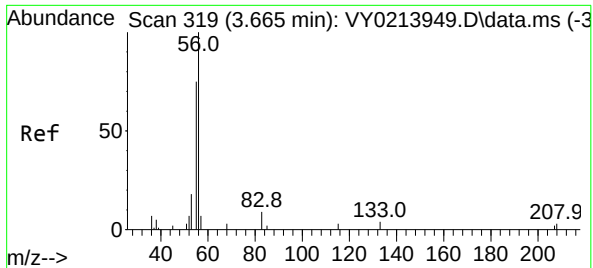
Ion Ratio Lower Upper

96 100

61 170.1 135.2 202.8

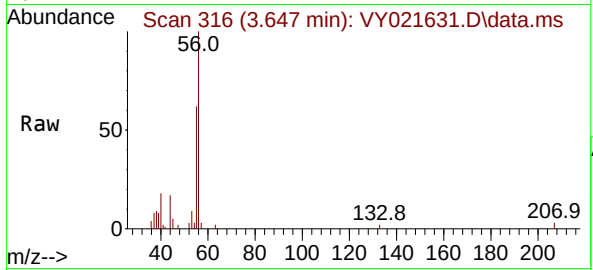
98 61.1 51.4 77.2





#13
Acrolein
Concen: 97.841 ug/l
RT: 3.647 min Scan# 319
Delta R.T. -0.018 min
Lab File: VY021631.D
Acq: 25 Mar 2025 12:59

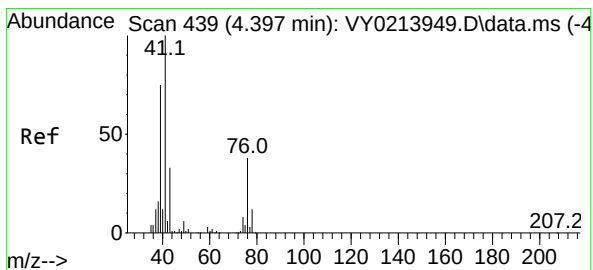
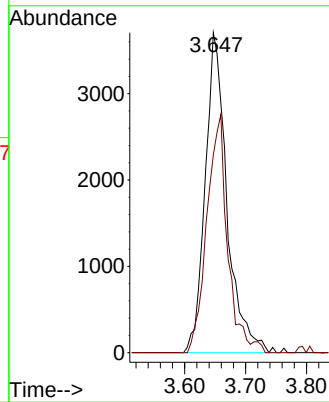
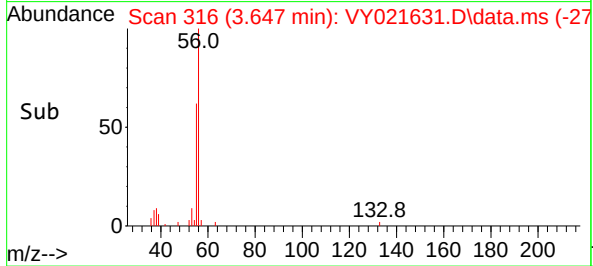
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01



Tgt Ion: 56 Resp: 9218
Ion Ratio Lower Upper
56 100
55 70.9 63.4 95.2

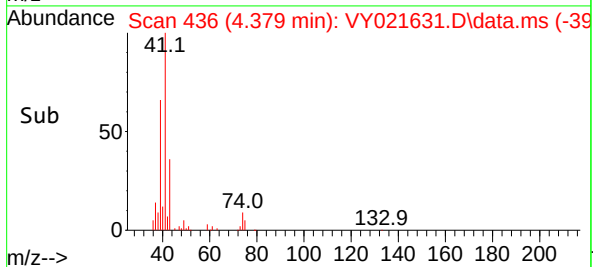
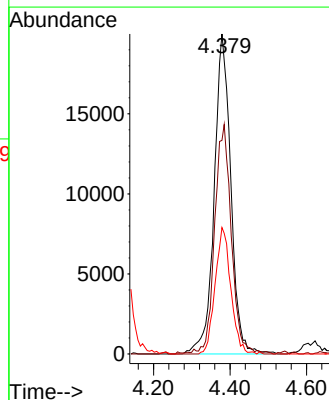
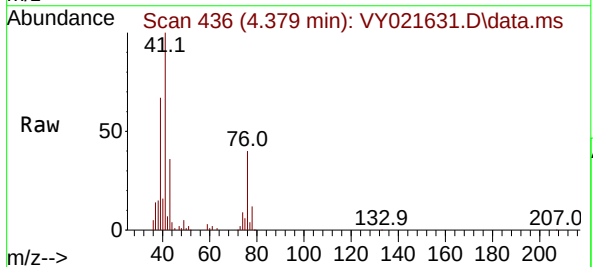
Manual Integrations
APPROVED

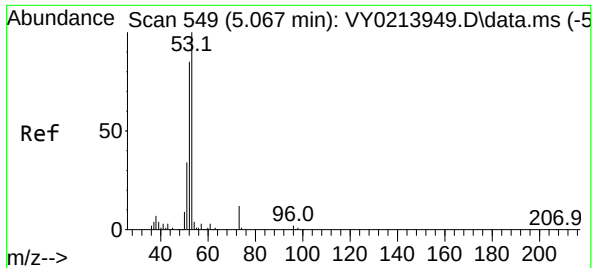
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#14
Allyl chloride
Concen: 20.738 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.018 min
Lab File: VY021631.D
Acq: 25 Mar 2025 12:59

Tgt Ion: 41 Resp: 60332
Ion Ratio Lower Upper
41 100
39 72.1 59.3 88.9
76 37.3 29.8 44.8





#15

Acrylonitrile

Concen: 120.137 ug/l

RT: 5.055 min Scan# 549

Delta R.T. -0.012 min

Lab File: VY021631.D

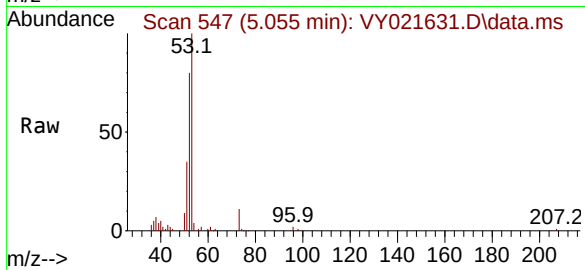
Acq: 25 Mar 2025 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

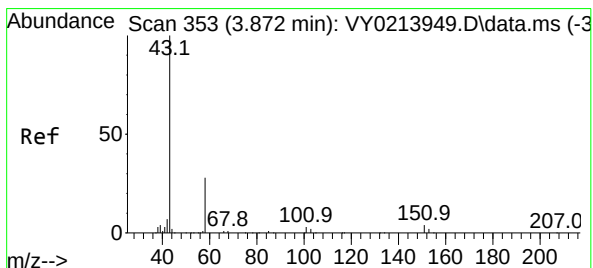
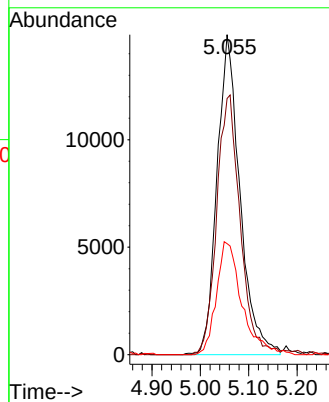
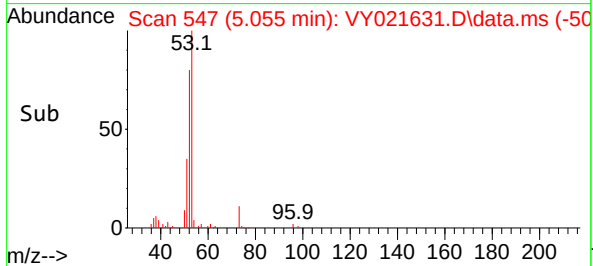


Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.3	99.5
51	39.1	30.3	45.5

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#16

Acetone

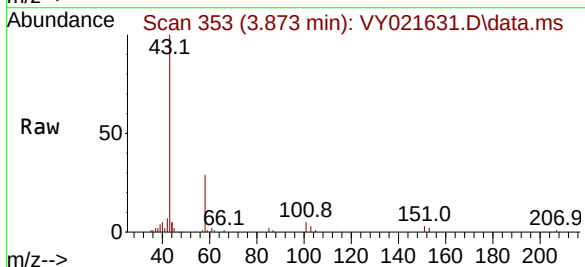
Concen: 96.161 ug/l

RT: 3.873 min Scan# 353

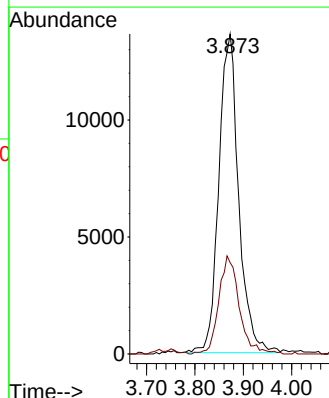
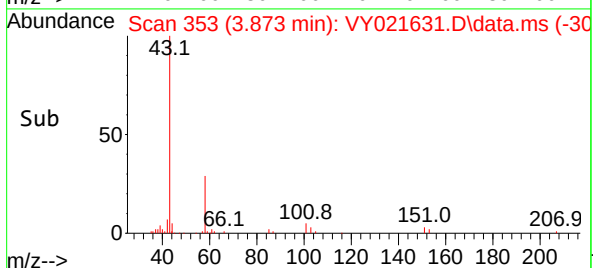
Delta R.T. 0.001 min

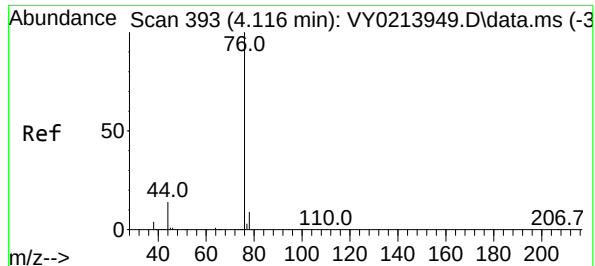
Lab File: VY021631.D

Acq: 25 Mar 2025 12:59



Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.2	22.1	33.1





#17

Carbon Disulfide

Concen: 16.110 ug/l

RT: 4.104 min Scan# 391

Delta R.T. -0.012 min

Lab File: VY021631.D

Acq: 25 Mar 2025 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

Tgt Ion: 76 Resp: 9088

Ion Ratio Lower Upper

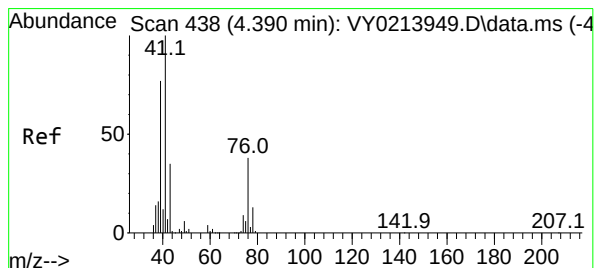
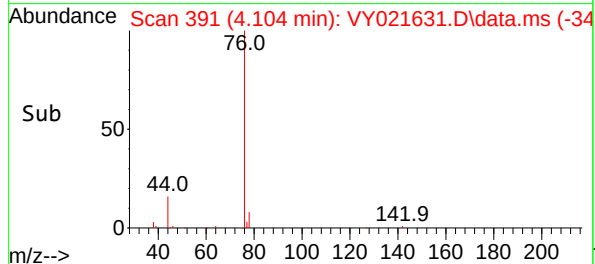
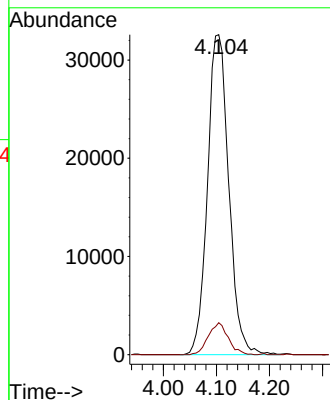
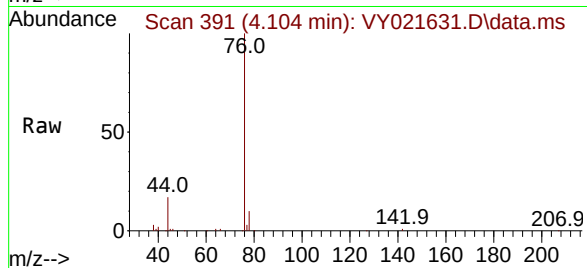
76 100

78 10.0 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#18

Methyl Acetate

Concen: 25.285 ug/l

RT: 4.385 min Scan# 437

Delta R.T. -0.006 min

Lab File: VY021631.D

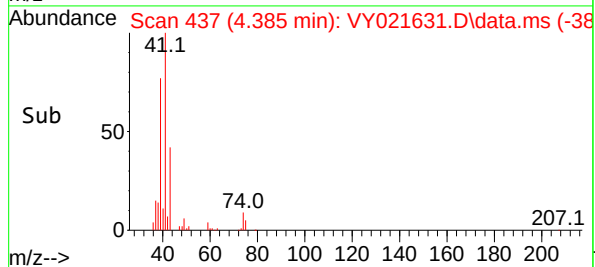
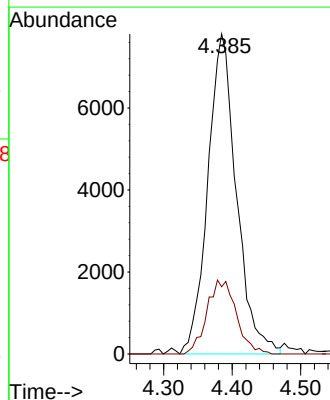
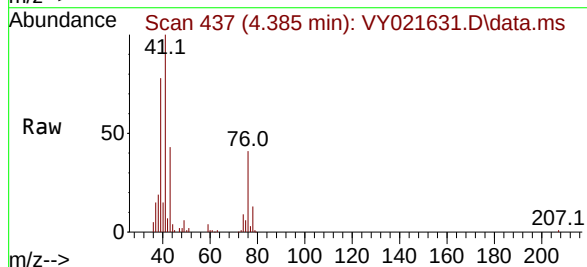
Acq: 25 Mar 2025 12:59

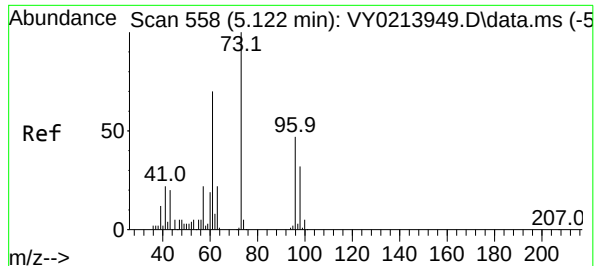
Tgt Ion: 43 Resp: 22666

Ion Ratio Lower Upper

43 100

74 23.6 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 22.674 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY021631.D

Acq: 25 Mar 2025 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

Tgt Ion: 73 Resp: 103450

Ion Ratio Lower Upper

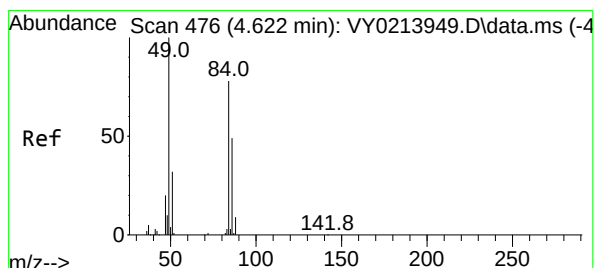
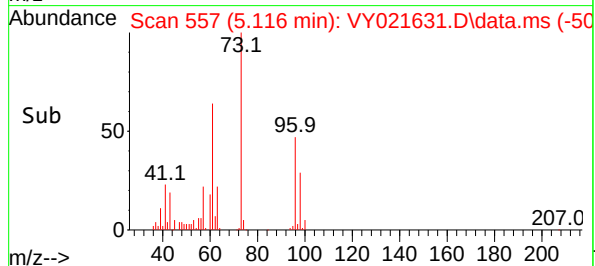
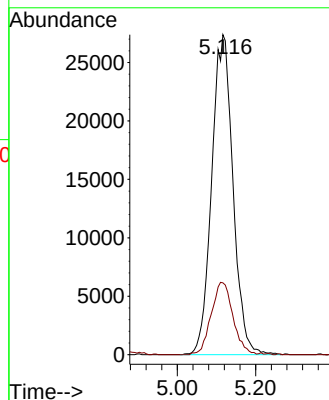
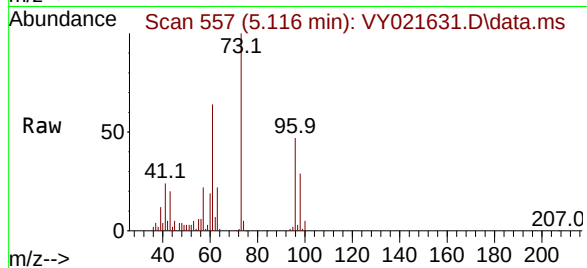
73 100

57 22.4 17.9 26.9

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#20

Methylene Chloride

Concen: 22.508 ug/l

RT: 4.616 min Scan# 475

Delta R.T. -0.006 min

Lab File: VY021631.D

Acq: 25 Mar 2025 12:59

Tgt Ion: 84 Resp: 47732

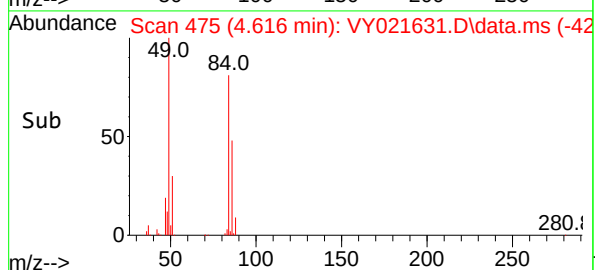
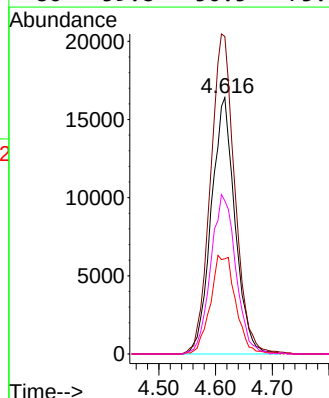
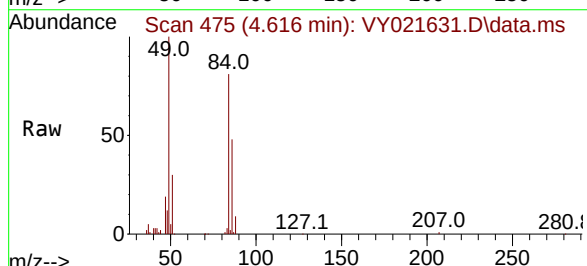
Ion Ratio Lower Upper

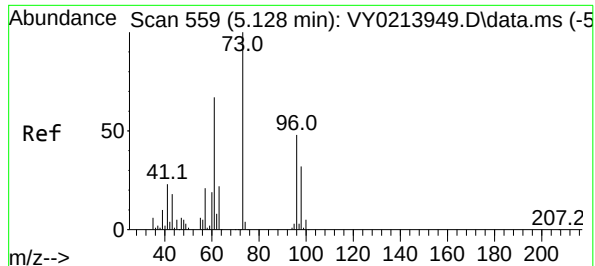
84 100

49 123.9 102.0 153.0

51 37.2 33.0 49.6

86 59.8 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 19.945 ug/l

RT: 5.110 min Scan# 5110

Delta R.T. -0.018 min

Lab File: VY021631.D

Acq: 25 Mar 2025 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBSD01

Tgt Ion: 96 Resp: 40210

Ion Ratio Lower Upper

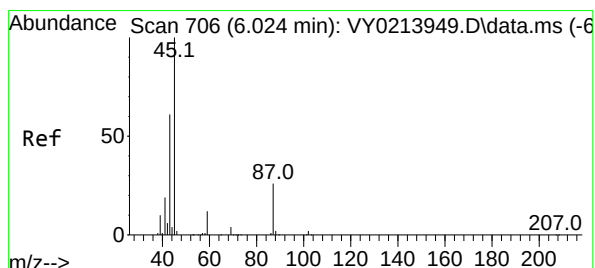
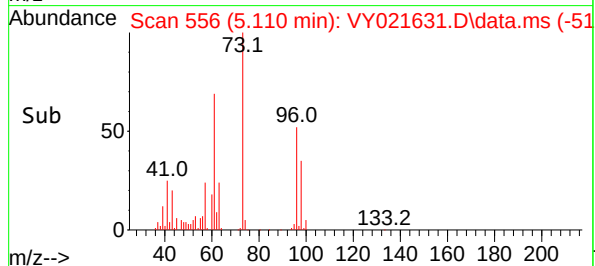
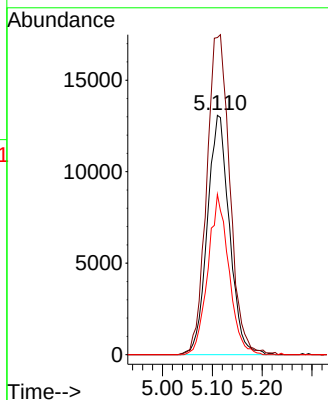
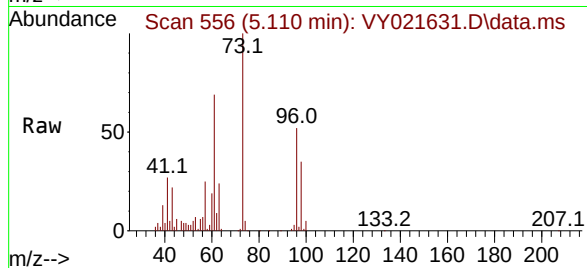
96 100

61 132.4 111.5 167.3

98 67.0 53.8 80.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025

#22

Diisopropyl ether

Concen: 22.627 ug/l

RT: 6.019 min Scan# 705

Delta R.T. -0.006 min

Lab File: VY021631.D

Acq: 25 Mar 2025 12:59

Tgt Ion: 45 Resp: 141865

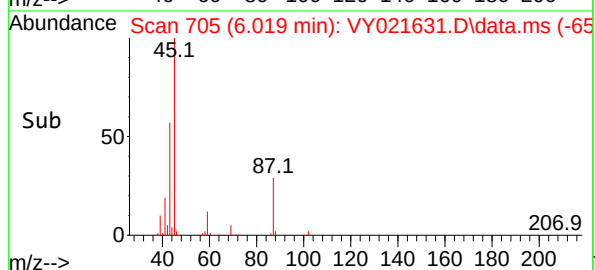
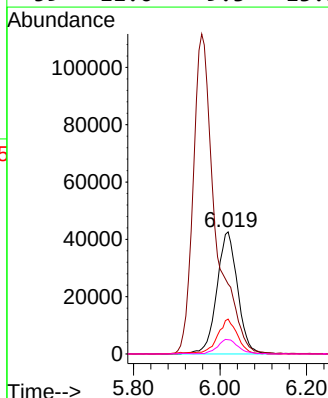
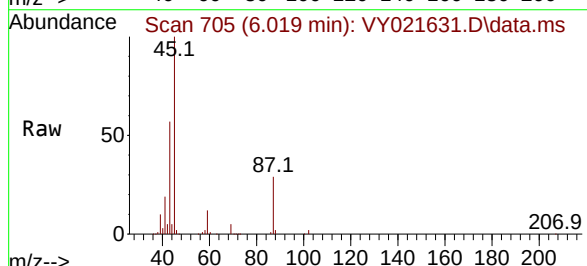
Ion Ratio Lower Upper

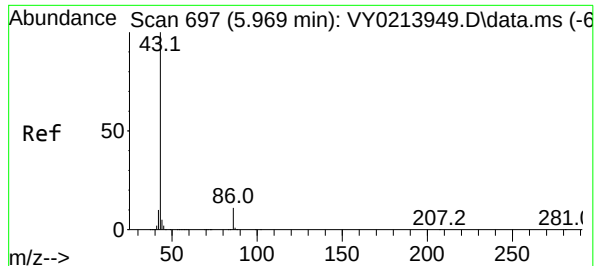
45 100

43 56.7 48.7 73.1

87 28.5 21.5 32.3

59 11.6 9.3 13.9





#23

Vinyl Acetate

Concen: 110.943 ug/l

RT: 5.958 min Scan# 69

Delta R.T. -0.012 min

Lab File: VY021631.D

Acq: 25 Mar 2025 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

Tgt Ion: 43 Resp: 396960

Ion Ratio Lower Upper

43

100

86

11.2

8.5

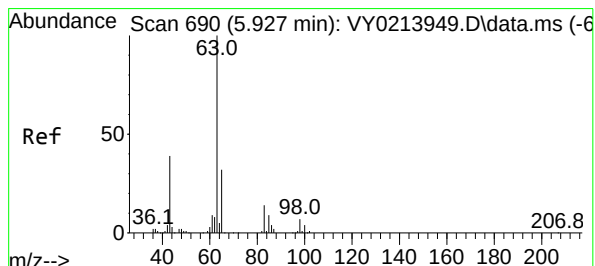
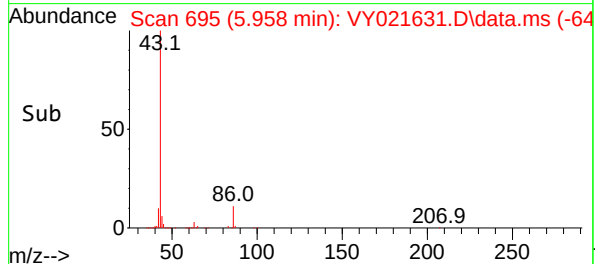
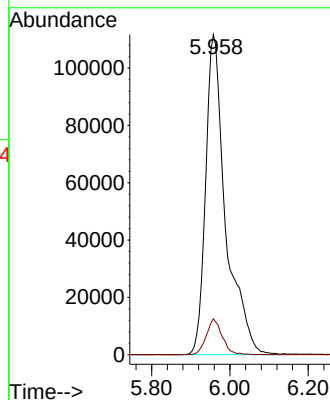
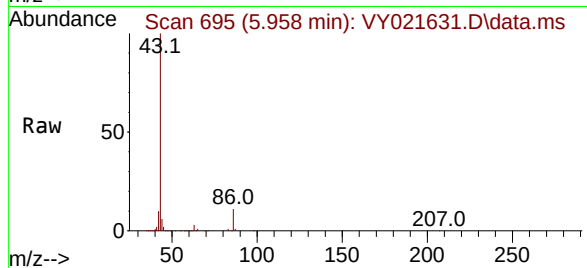
12.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/26/2025

Supervised By :Semsettin Yesilyurt 03/26/2025



#24

1,1-Dichloroethane

Concen: 22.216 ug/l

RT: 5.915 min Scan# 688

Delta R.T. -0.012 min

Lab File: VY021631.D

Acq: 25 Mar 2025 12:59

Tgt Ion: 63 Resp: 82207

Ion Ratio Lower Upper

63

100

98

7.2

3.3

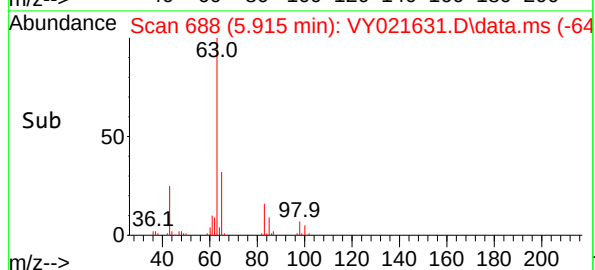
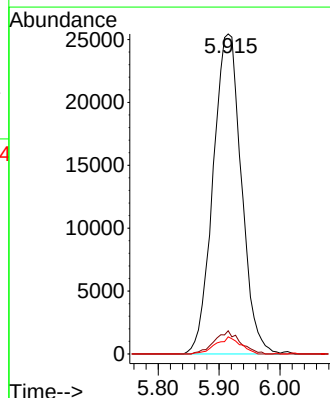
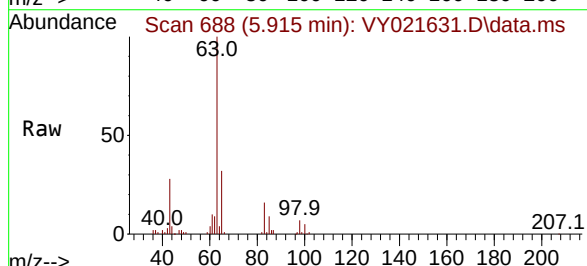
9.9

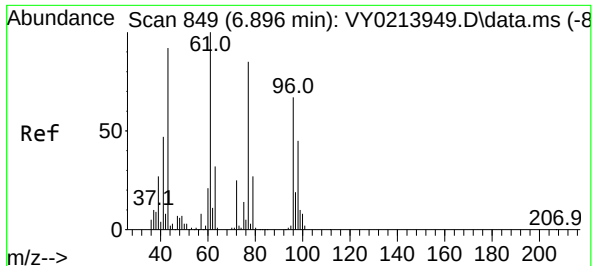
100

5.4

2.1

6.5





#25

2-Butanone

Concen: 109.877 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY021631.D

Acq: 25 Mar 2025 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

Tgt Ion: 43 Resp: 6140

Ion Ratio Lower Upper

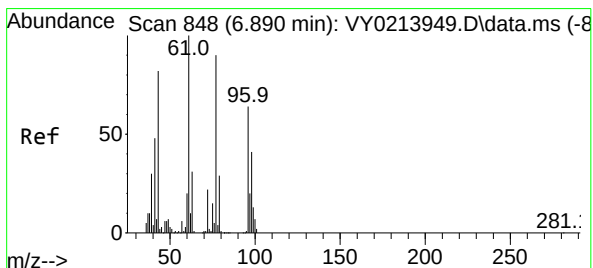
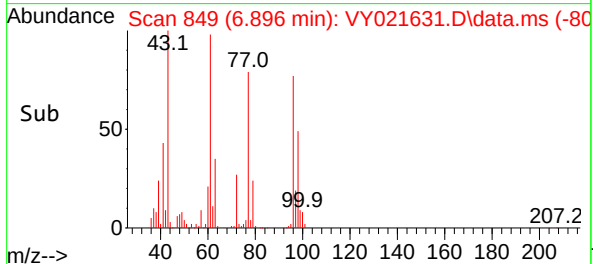
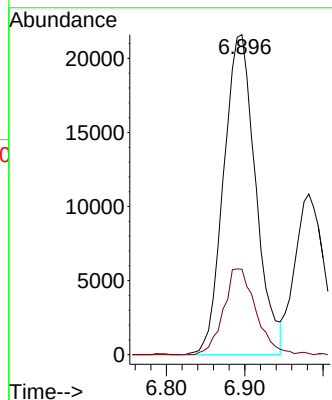
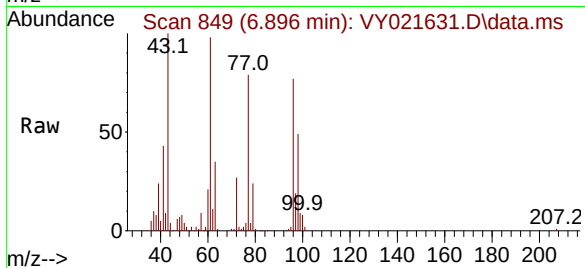
43 100

72 26.7 21.4 32.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/26/2025
 Supervised By :Semsettin Yesilyurt 03/26/2025



#26

2,2-Dichloropropane

Concen: 19.395 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY021631.D

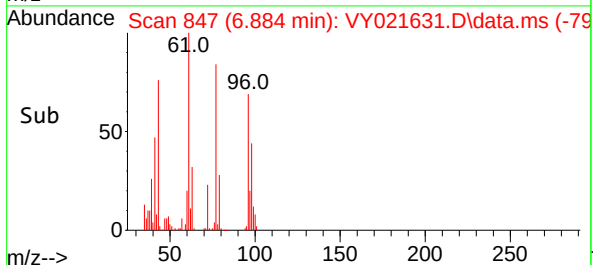
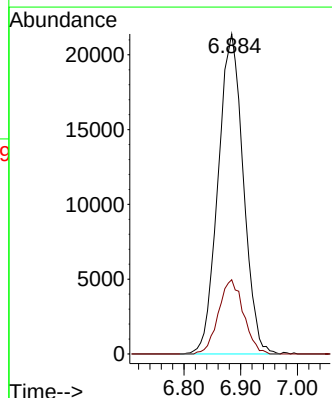
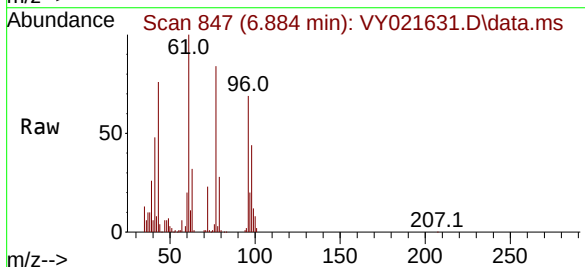
Acq: 25 Mar 2025 12:59

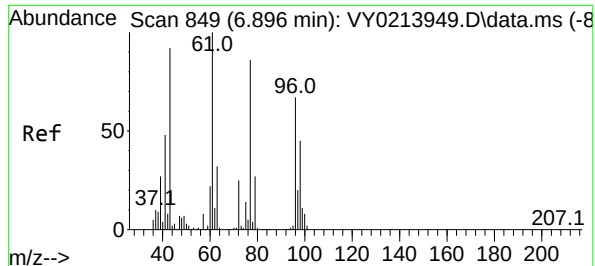
Tgt Ion: 77 Resp: 66035

Ion Ratio Lower Upper

77 100

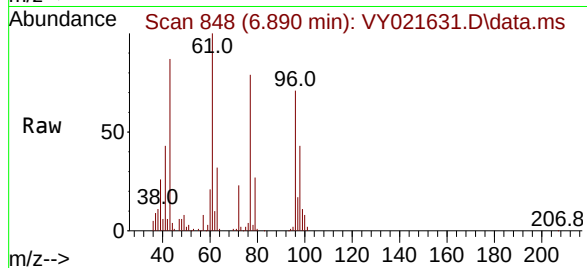
97 23.0 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 21.648 ug/l
 RT: 6.890 min Scan# 849
 Delta R.T. -0.006 min
 Lab File: VY021631.D
 Acq: 25 Mar 2025 12:59

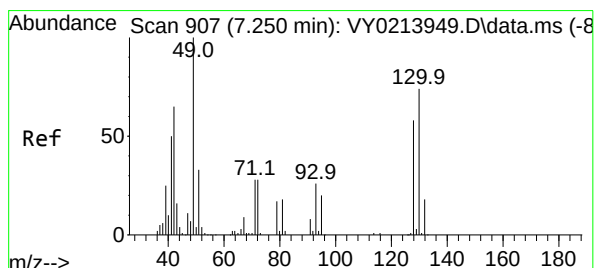
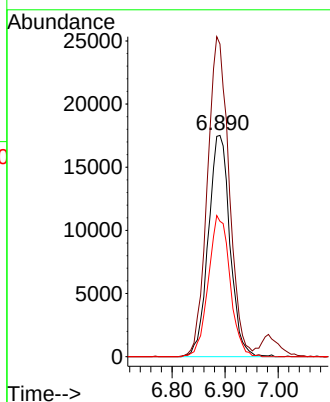
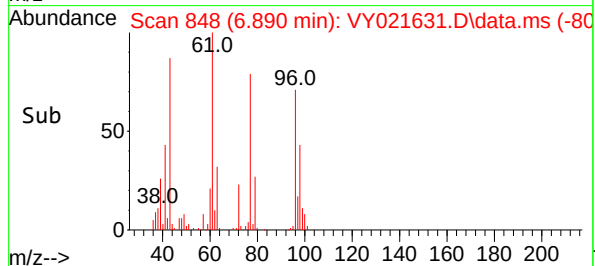
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0325SBS01



Tgt Ion: 96 Resp: 49580
 Ion Ratio Lower Upper
 96 100
 61 145.4 0.0 300.8
 98 64.0 0.0 130.0

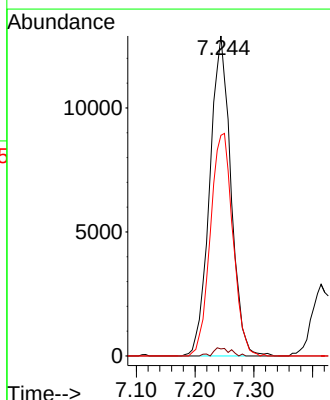
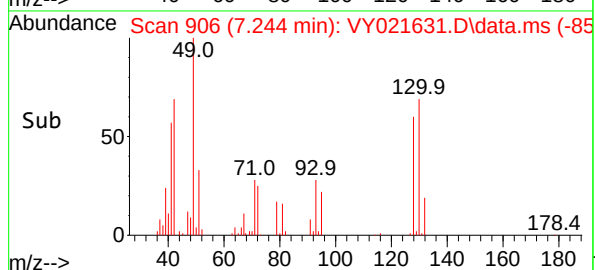
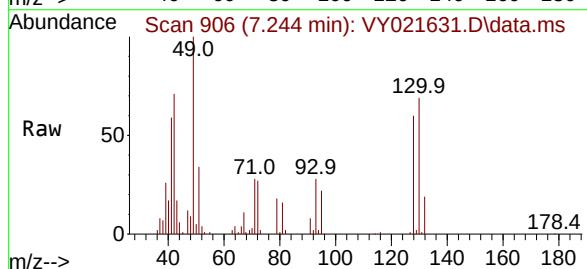
Manual Integrations
 APPROVED

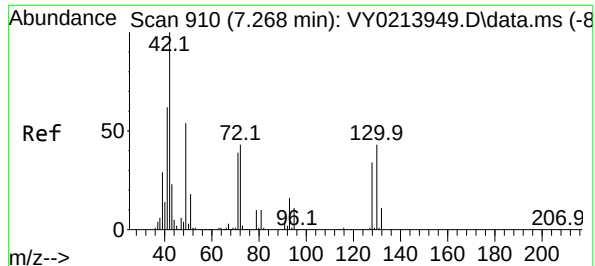
Reviewed By :Mahesh Dadoda 03/26/2025
 Supervised By :Semsettin Yesilyurt 03/26/2025



#28
 Bromochloromethane
 Concen: 20.825 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY021631.D
 Acq: 25 Mar 2025 12:59

Tgt Ion: 49 Resp: 32306
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 73.7 59.6 89.4





#29

Tetrahydrofuran

Concen: 116.324 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY021631.D

Acq: 25 Mar 2025 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

Tgt Ion: 42 Resp: 4013

Ion Ratio Lower Upper

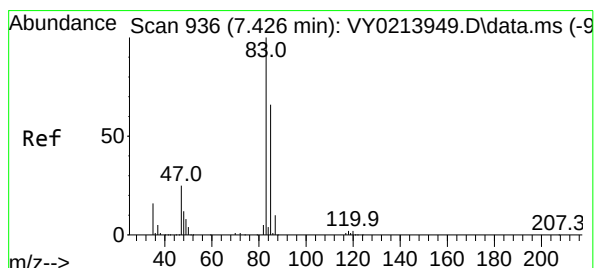
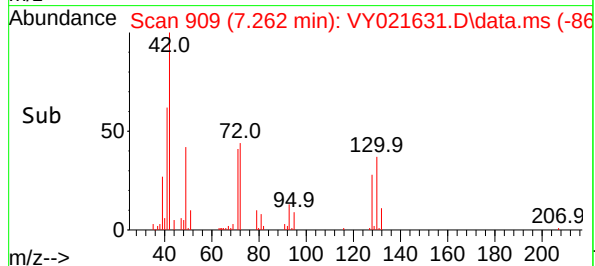
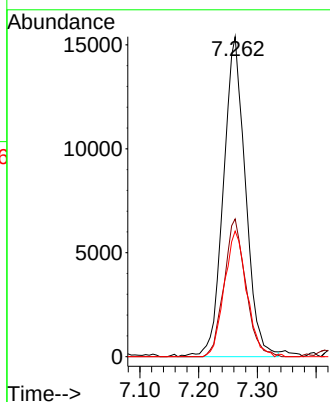
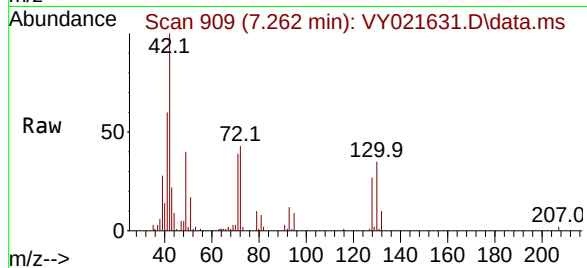
42 100

72 42.4 34.8 52.2

71 39.9 32.6 48.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025

#30

Chloroform

Concen: 23.170 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY021631.D

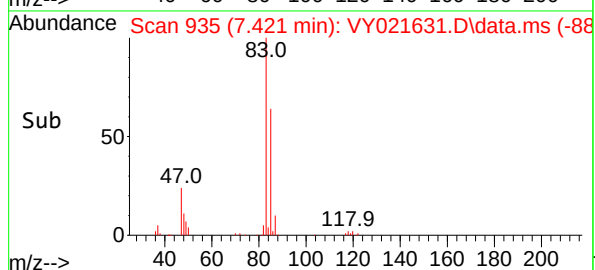
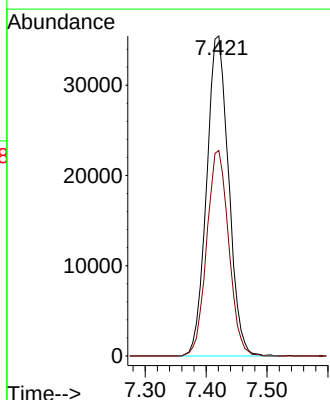
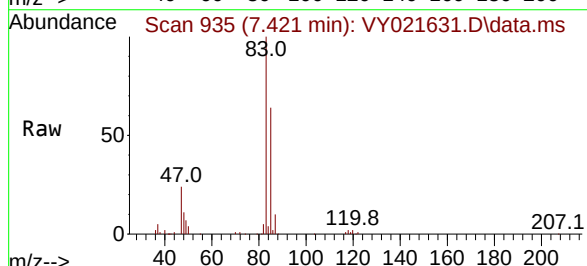
Acq: 25 Mar 2025 12:59

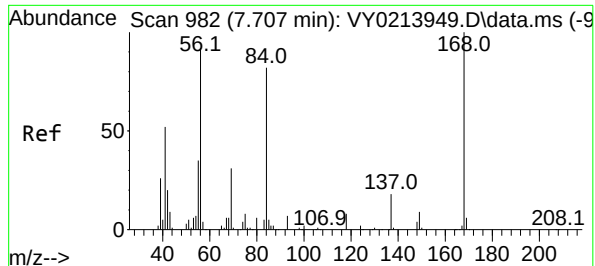
Tgt Ion: 83 Resp: 89027

Ion Ratio Lower Upper

83 100

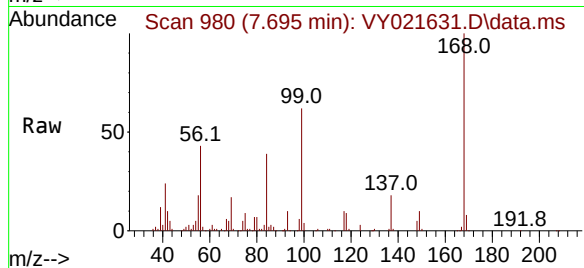
85 64.2 53.1 79.7





#31
Cyclohexane
Concen: 18.085 ug/l
RT: 7.695 min Scan# 982
Delta R.T. -0.012 min
Lab File: VY021631.D
Acq: 25 Mar 2025 12:59

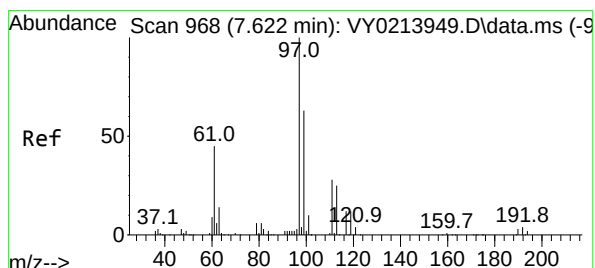
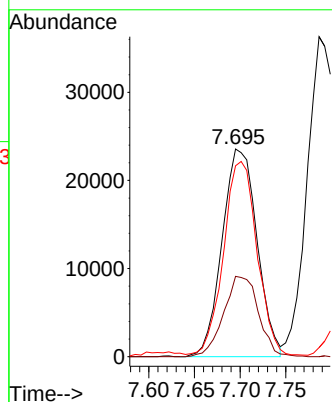
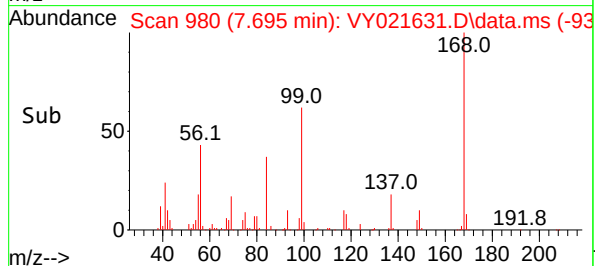
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01



Tgt Ion: 56 Resp: 6273
Ion Ratio Lower Upper
56 100
69 38.6 27.0 40.4
84 90.2 71.1 106.7

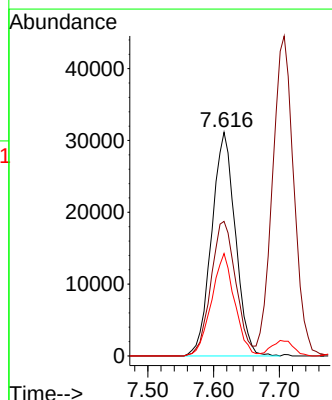
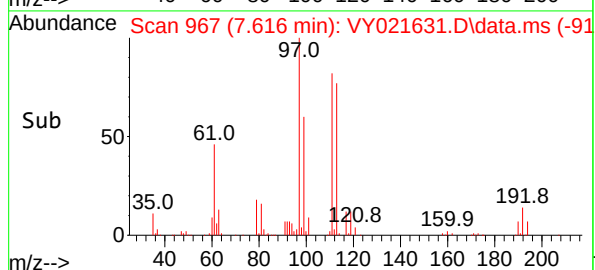
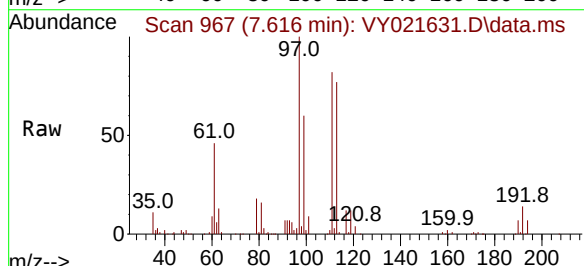
Manual Integrations
APPROVED

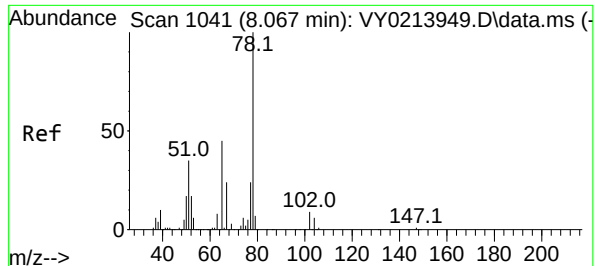
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#32
1,1,1-Trichloroethane
Concen: 22.234 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY021631.D
Acq: 25 Mar 2025 12:59

Tgt Ion: 97 Resp: 78223
Ion Ratio Lower Upper
97 100
99 62.9 51.7 77.5
61 44.7 35.7 53.5





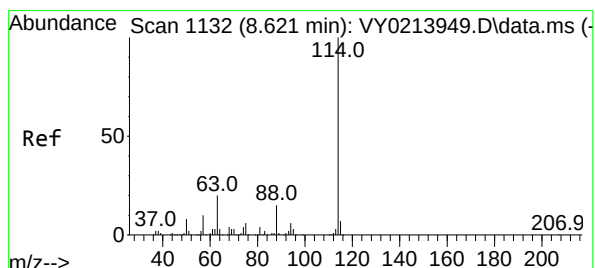
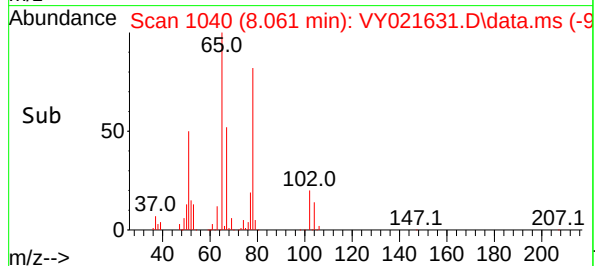
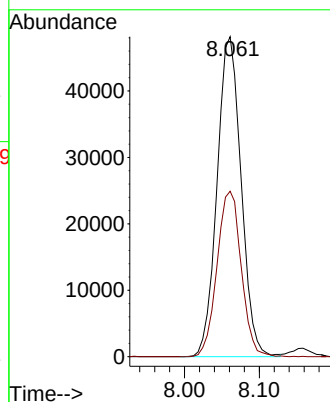
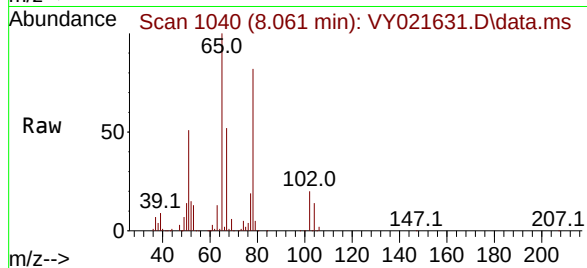
#33
1,2-Dichloroethane-d4
Concen: 58.197 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021631.D
Acq: 25 Mar 2025 12:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

Tgt Ion: 65 Resp: 107798
Ion Ratio Lower Upper
65 100
67 52.1 0.0 102.8

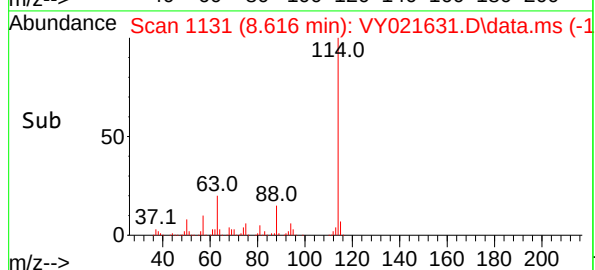
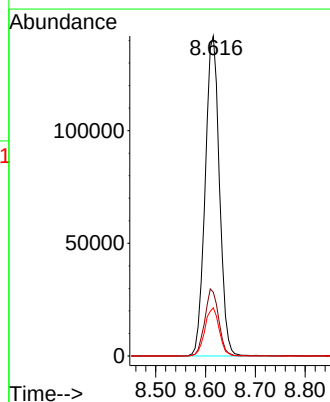
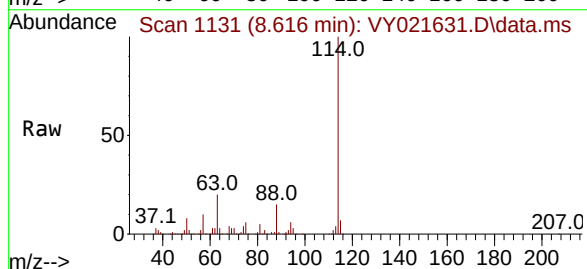
Manual Integrations
APPROVED

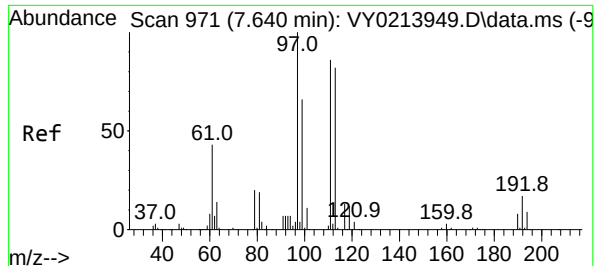
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY021631.D
Acq: 25 Mar 2025 12:59

Tgt Ion:114 Resp: 281285
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.8
88 15.1 0.0 30.8





#35

Dibromofluoromethane

Concen: 54.860 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021631.D

Acq: 25 Mar 2025 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

Tgt Ion:113 Resp: 10143

Ion Ratio Lower Upper

113 100

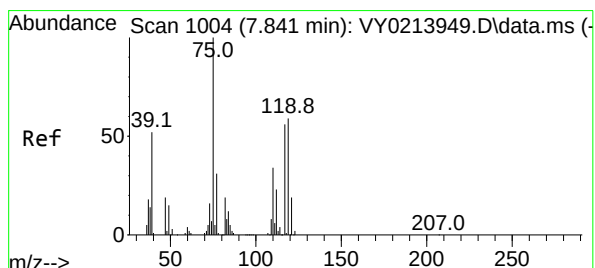
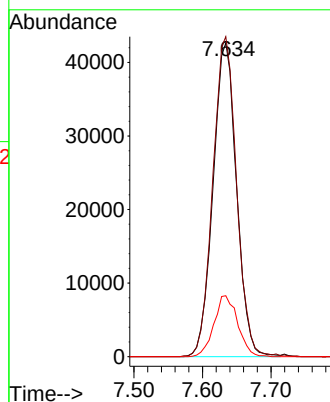
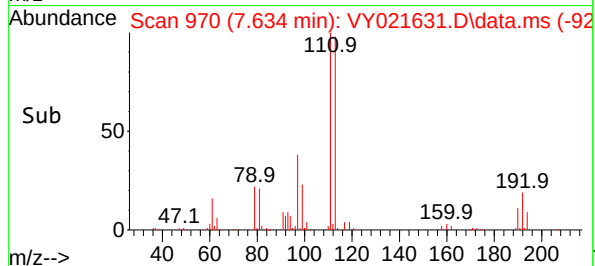
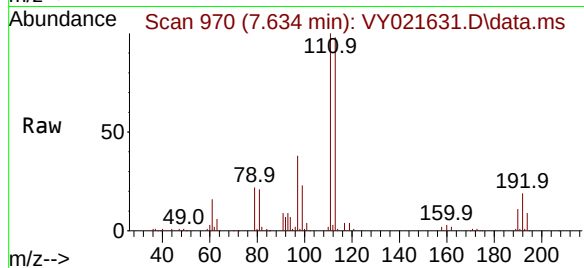
111 103.0 82.0 123.0

192 19.6 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
 Supervised By :Semsettin Yesilyurt 03/26/2025



#36

1,1-Dichloropropene

Concen: 19.649 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VY021631.D

Acq: 25 Mar 2025 12:59

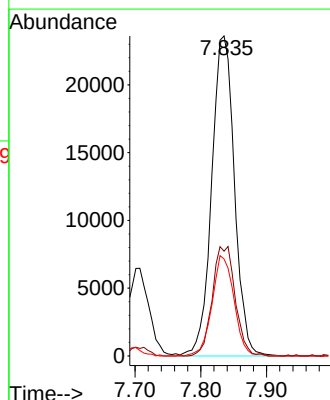
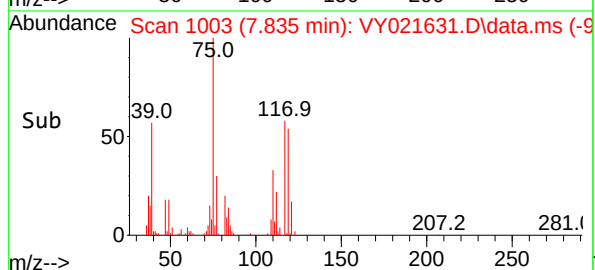
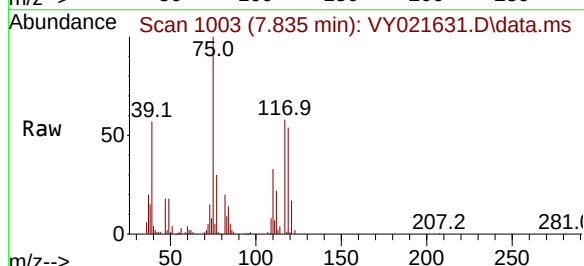
Tgt Ion: 75 Resp: 56866

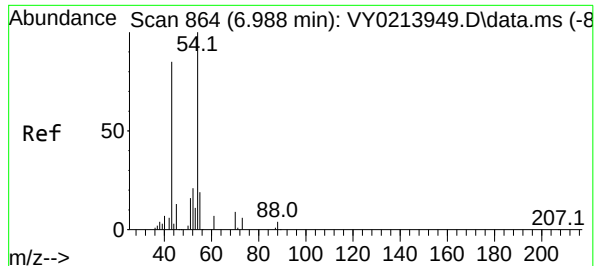
Ion Ratio Lower Upper

75 100

110 34.4 17.3 51.7

77 30.3 25.4 38.2





#37

Ethyl Acetate

Concen: 22.868 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY021631.D

Acq: 25 Mar 2025 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

Tgt Ion: 43 Resp: 2925

Ion Ratio Lower Upper

43 100

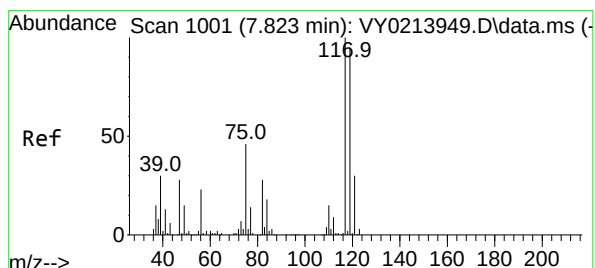
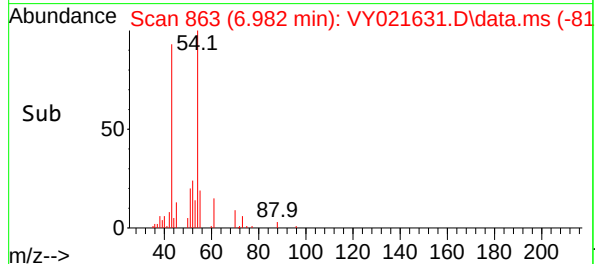
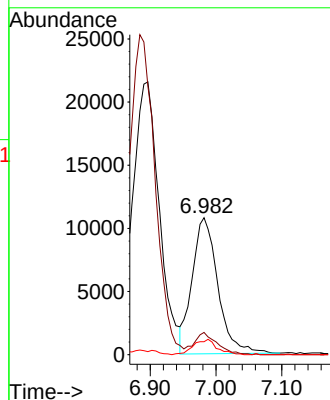
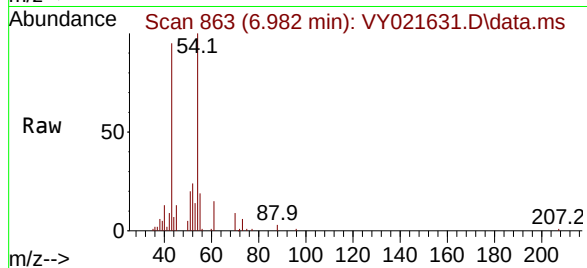
61 14.7 11.4 17.0

70 10.3 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
 Supervised By :Semsettin Yesilyurt 03/26/2025



#38

Carbon Tetrachloride

Concen: 20.566 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021631.D

Acq: 25 Mar 2025 12:59

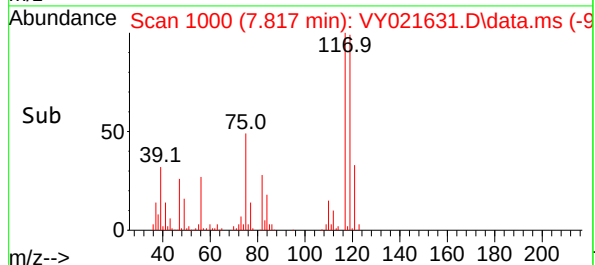
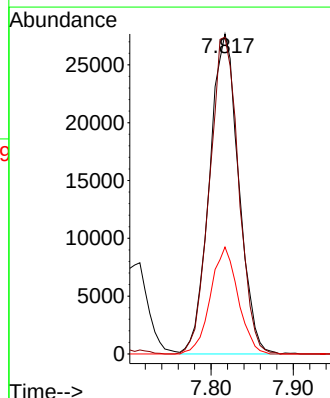
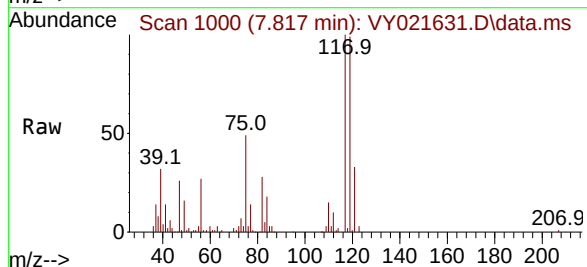
Tgt Ion:117 Resp: 68454

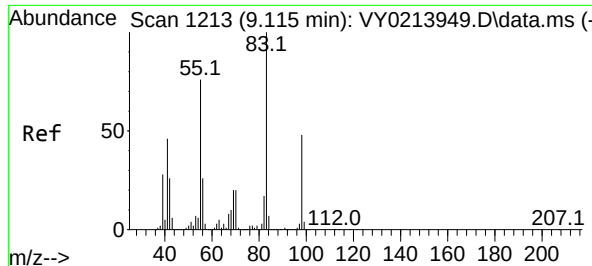
Ion Ratio Lower Upper

117 100

119 99.0 75.8 113.8

121 33.4 23.9 35.9





#39

Methylcyclohexane

Concen: 17.767 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021631.D

Acq: 25 Mar 2025 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

Tgt Ion: 83 Resp: 63072

Ion Ratio Lower Upper

83 100

55 75.5 60.7 91.1

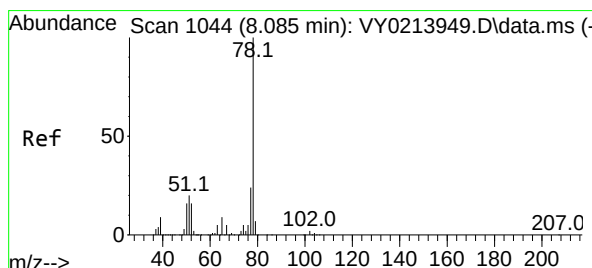
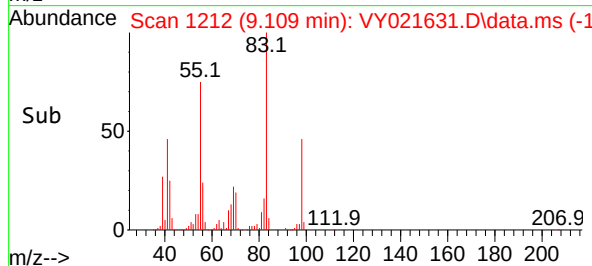
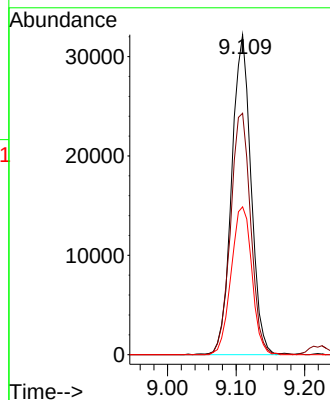
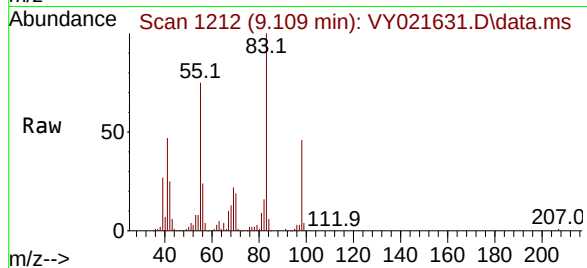
98 46.2 38.6 57.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025

Supervised By :Semsettin Yesilyurt 03/26/2025



#40

Benzene

Concen: 20.737 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY021631.D

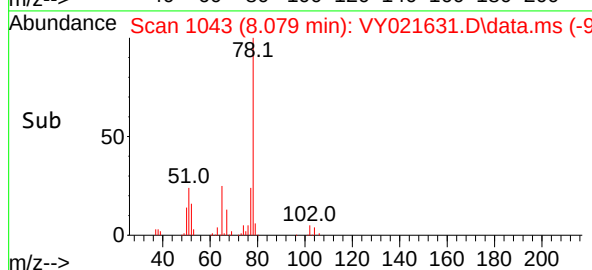
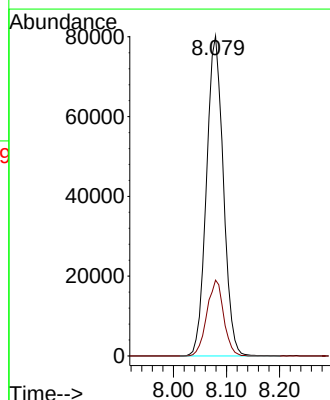
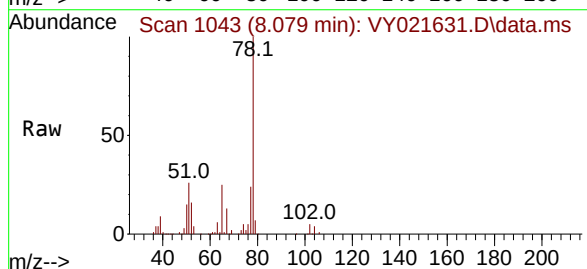
Acq: 25 Mar 2025 12:59

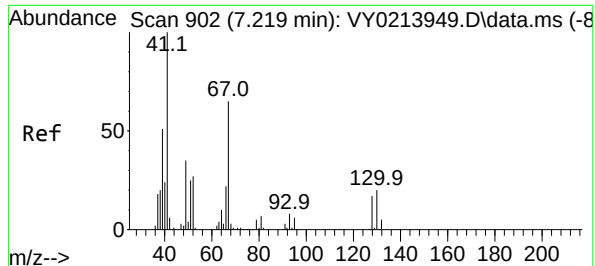
Tgt Ion: 78 Resp: 176793

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.4





#41

Methacrylonitrile

Concen: 22.885 ug/l

RT: 7.213 min Scan# 902

Delta R.T. -0.006 min

Lab File: VY021631.D

Acq: 25 Mar 2025 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

Tgt Ion: 41 Resp: 15940

Ion Ratio Lower Upper

41 100

39 59.3 35.0 52.6

67 73.0 61.2 91.8

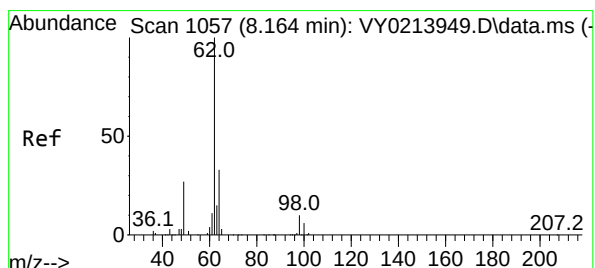
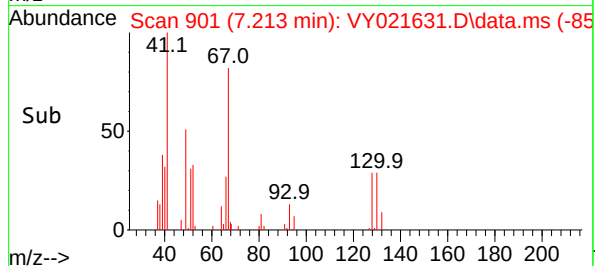
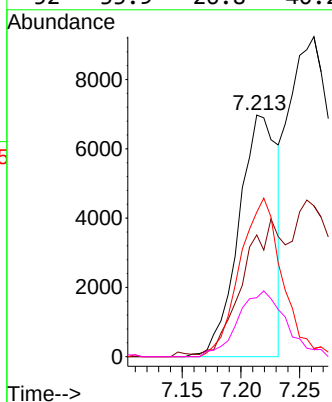
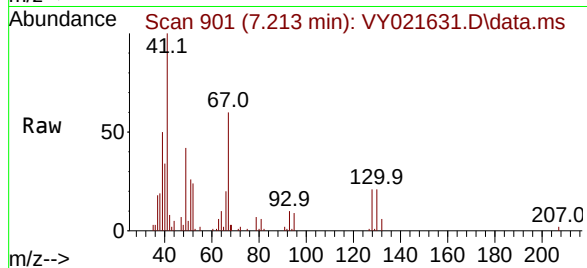
52 33.9 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025

Supervised By :Semsettin Yesilyurt 03/26/2025



#42

1,2-Dichloroethane

Concen: 21.856 ug/l

RT: 8.158 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VY021631.D

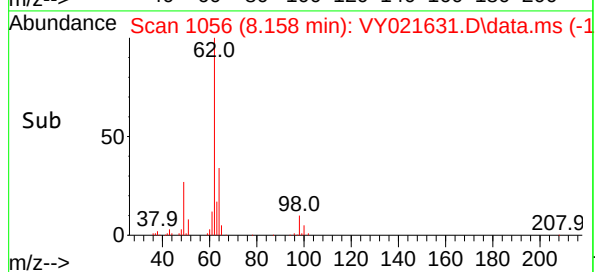
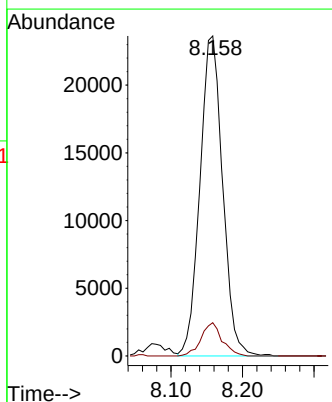
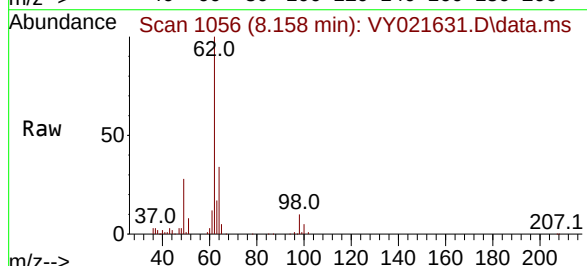
Acq: 25 Mar 2025 12:59

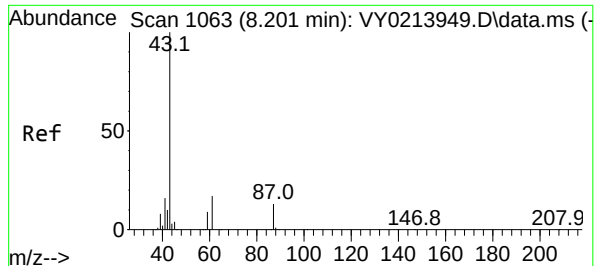
Tgt Ion: 62 Resp: 52127

Ion Ratio Lower Upper

62 100

98 9.6 0.0 18.2





#43

Isopropyl Acetate

Concen: 22.306 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VY021631.D

Acq: 25 Mar 2025 12:59

Instrument :

MSVOA_Y

ClientSampleId :

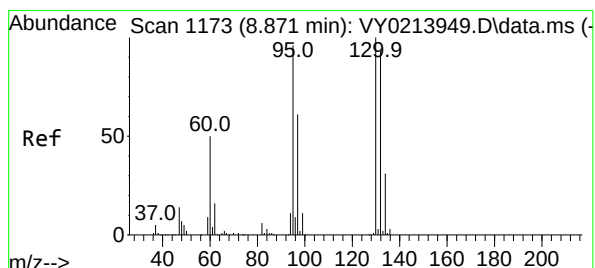
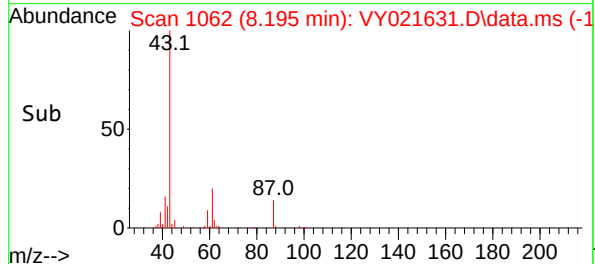
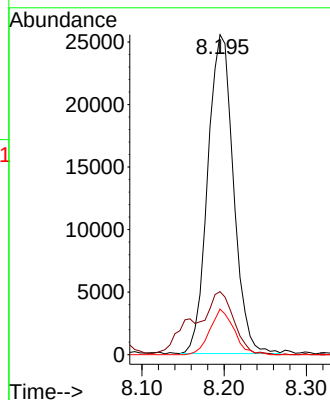
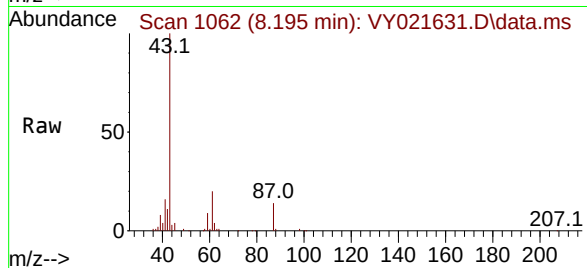
VY0325SBS01

Tgt Ion:	43	Resp:	5539
Ion	Ratio	Lower	Upper
43	100		
61	20.0	23.4	35.0
87	13.4	10.5	15.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#44

Trichloroethene

Concen: 21.222 ug/l

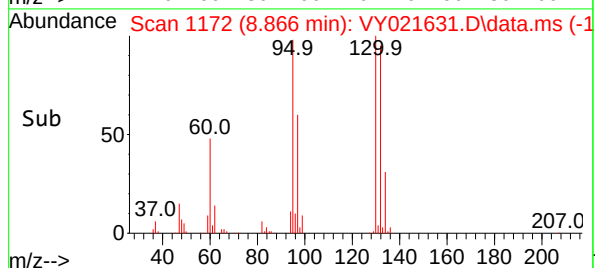
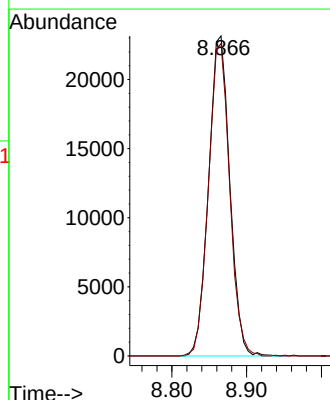
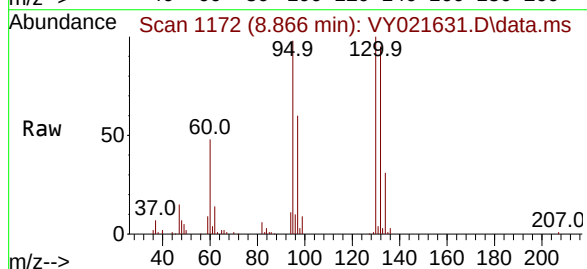
RT: 8.866 min Scan# 1172

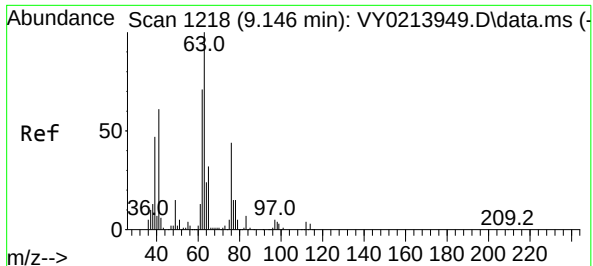
Delta R.T. -0.006 min

Lab File: VY021631.D

Acq: 25 Mar 2025 12:59

Tgt Ion:	130	Resp:	45720
Ion	Ratio	Lower	Upper
130	100		
95	97.6	0.0	191.6





#45

1,2-Dichloropropane

Concen: 22.194 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VY021631.D

Acq: 25 Mar 2025 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

Tgt Ion: 63 Resp: 45034

Ion Ratio Lower Upper

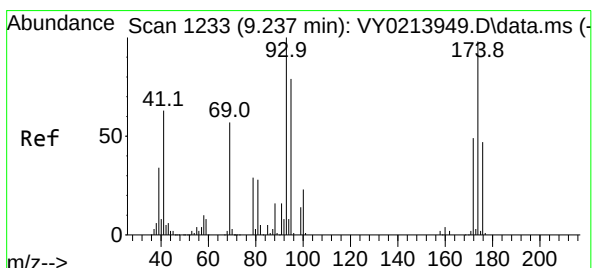
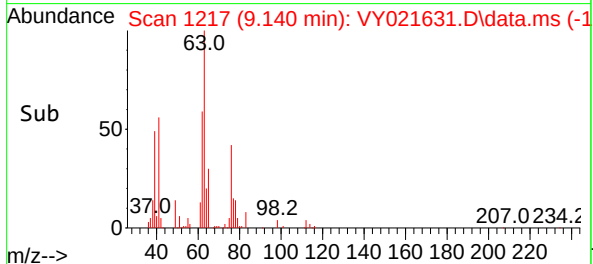
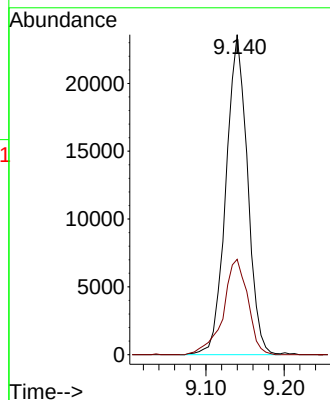
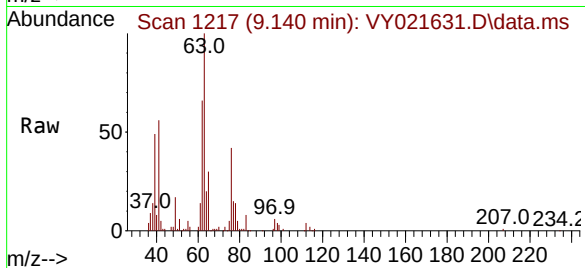
63 100

65 29.8 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
 Supervised By :Semsettin Yesilyurt 03/26/2025



#46

Dibromomethane

Concen: 22.291 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021631.D

Acq: 25 Mar 2025 12:59

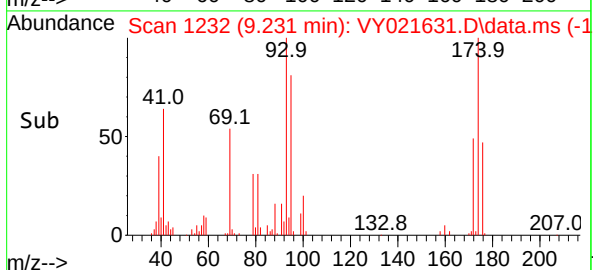
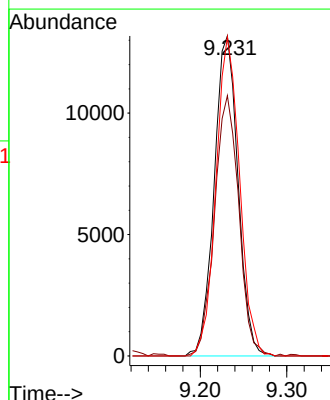
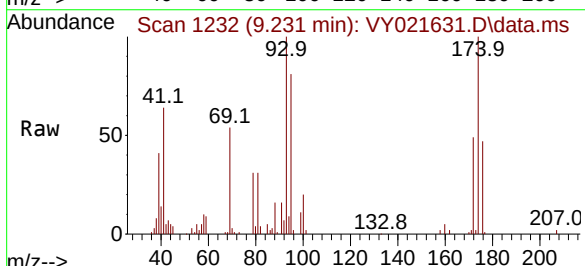
Tgt Ion: 93 Resp: 25166

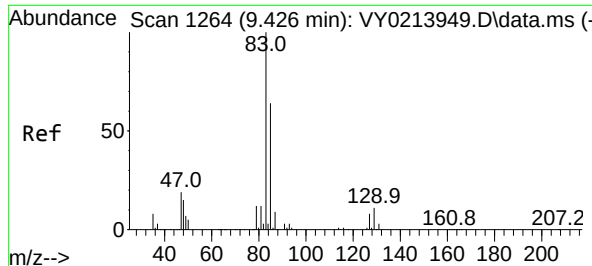
Ion Ratio Lower Upper

93 100

95 82.7 65.8 98.8

174 99.0 77.9 116.9





#47

Bromodichloromethane

Concen: 22.588 ug/l

RT: 9.420 min Scan# 1264

Delta R.T. -0.006 min

Lab File: VY021631.D

Acq: 25 Mar 2025 12:59

Instrument :

MSVOA_Y

ClientSampleId :

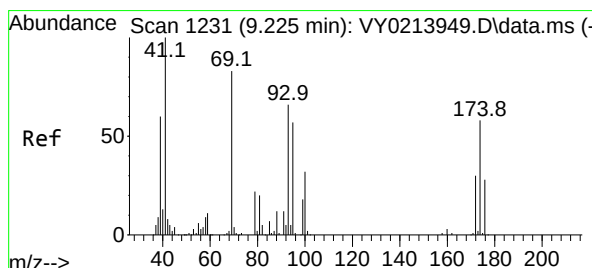
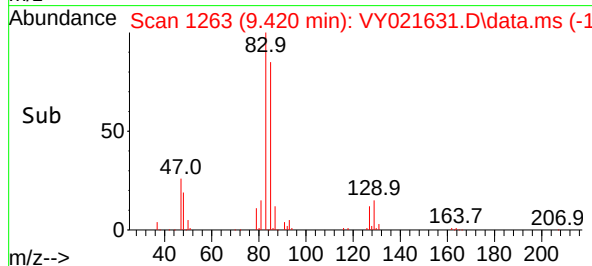
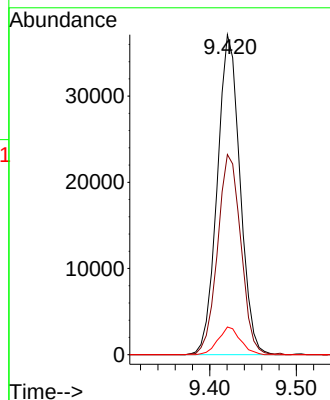
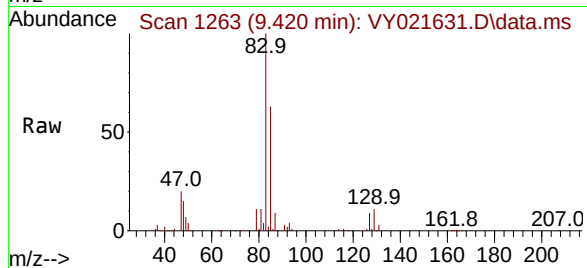
VY0325SBS01

Tgt Ion: 83	Resp: 6772
Ion Ratio	Lower Upper
83	100
85	62.5 51.1 76.7
127	8.7 6.7 10.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#48

Methyl methacrylate

Concen: 22.547 ug/l

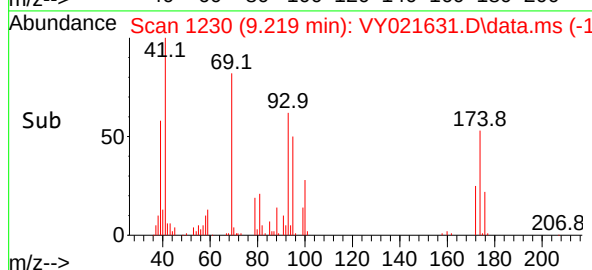
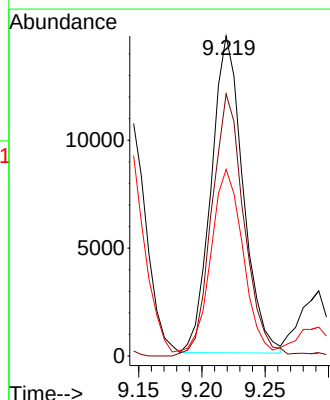
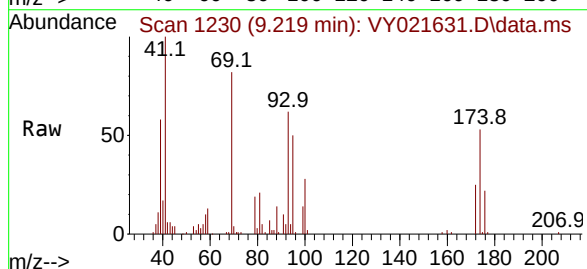
RT: 9.219 min Scan# 1230

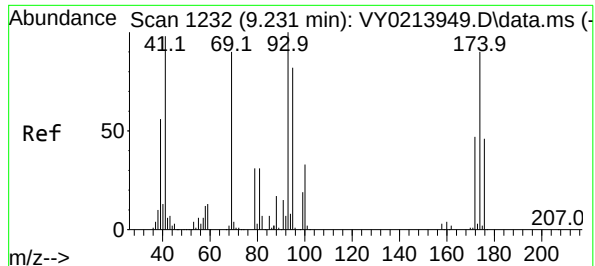
Delta R.T. -0.006 min

Lab File: VY021631.D

Acq: 25 Mar 2025 12:59

Tgt Ion: 41	Resp: 25710
Ion Ratio	Lower Upper
41	100
69	83.6 67.8 101.8
39	59.3 46.4 69.6





#49

1,4-Dioxane

Concen: 524.929 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY021631.D

Acq: 25 Mar 2025 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

Tgt Ion: 88 Resp: 581

Ion Ratio Lower Upper

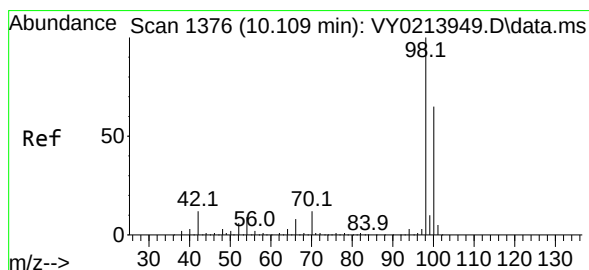
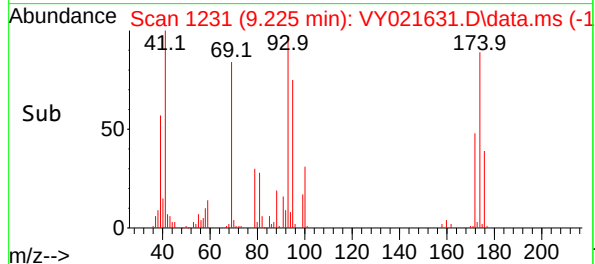
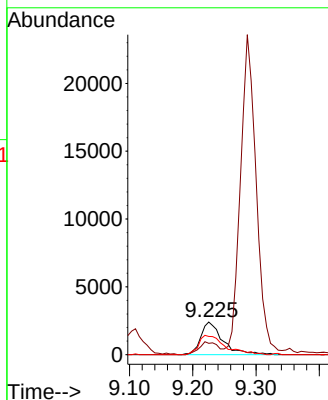
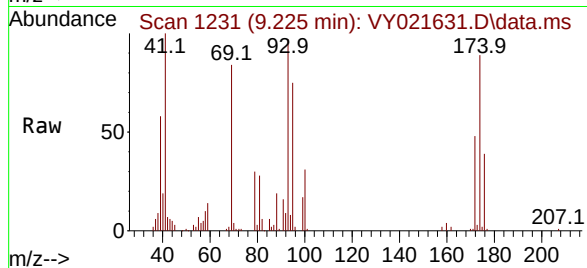
88 100

43 34.7 25.0 37.4

58 71.2 58.4 87.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025

#50

Toluene-d8

Concen: 52.089 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY021631.D

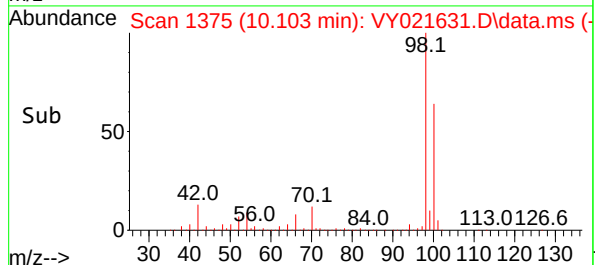
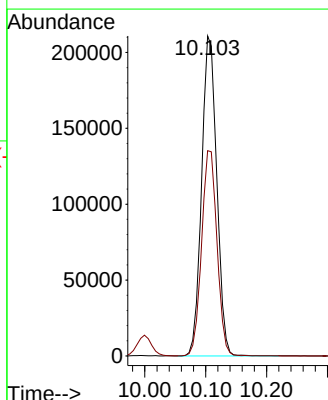
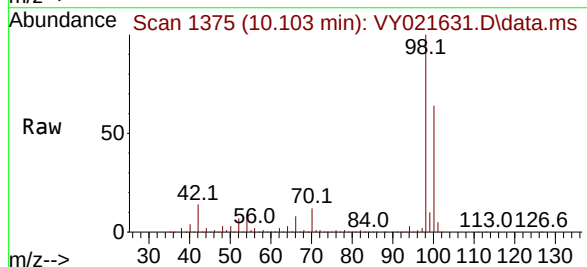
Acq: 25 Mar 2025 12:59

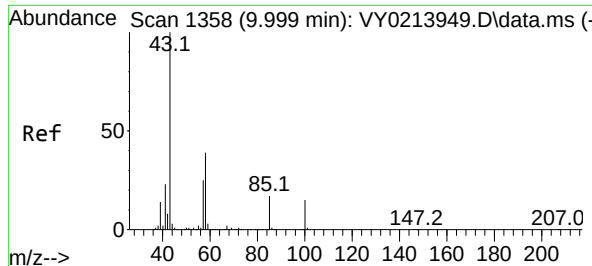
Tgt Ion: 98 Resp: 364657

Ion Ratio Lower Upper

98 100

100 65.2 52.1 78.1





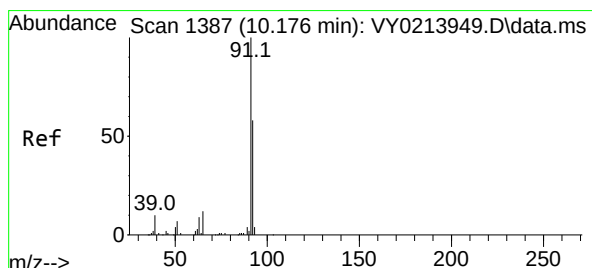
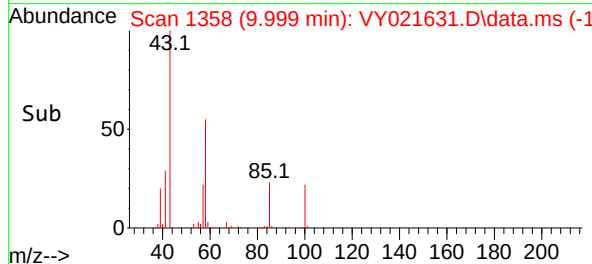
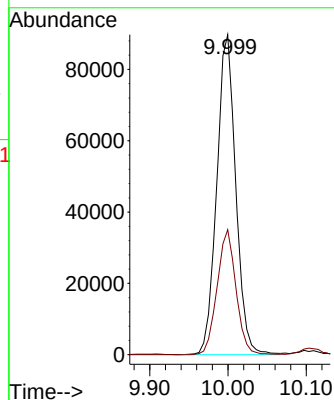
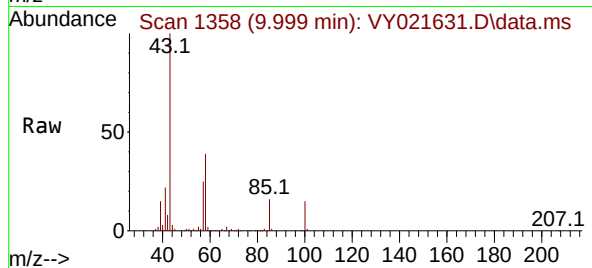
#51
4-Methyl-2-Pentanone
Concen: 118.288 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021631.D
Acq: 25 Mar 2025 12:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

Tgt Ion: 43 Resp: 15155
Ion Ratio Lower Upper
43 100
58 38.8 31.4 47.2

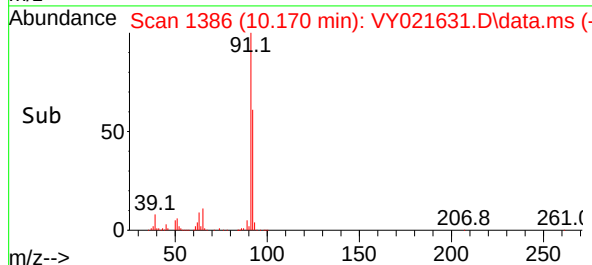
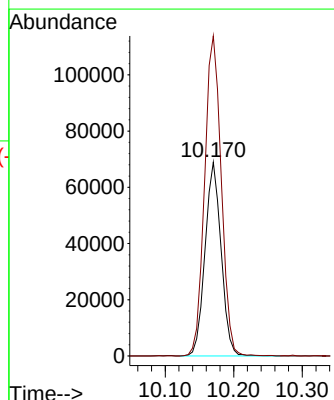
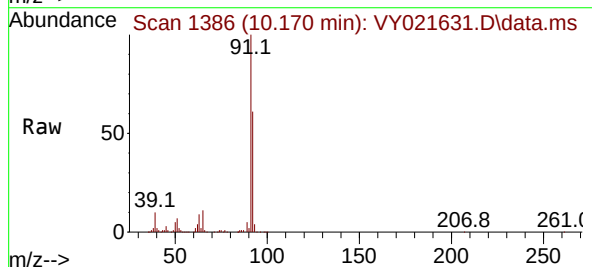
Manual Integrations
APPROVED

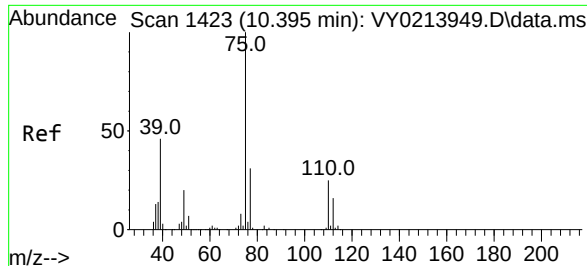
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#52
Toluene
Concen: 20.928 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021631.D
Acq: 25 Mar 2025 12:59

Tgt Ion: 92 Resp: 112490
Ion Ratio Lower Upper
92 100
91 171.4 138.2 207.2





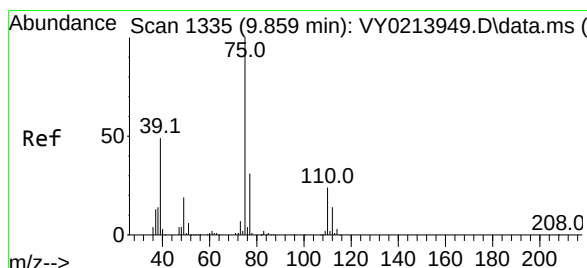
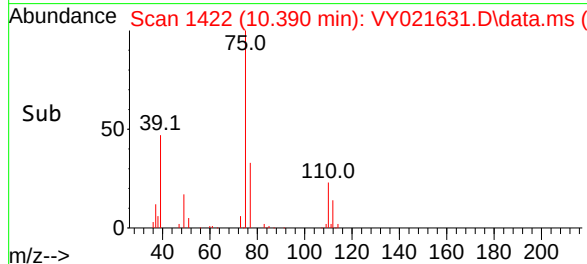
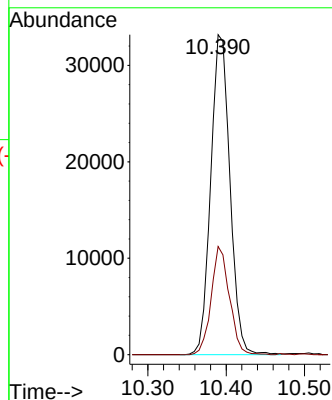
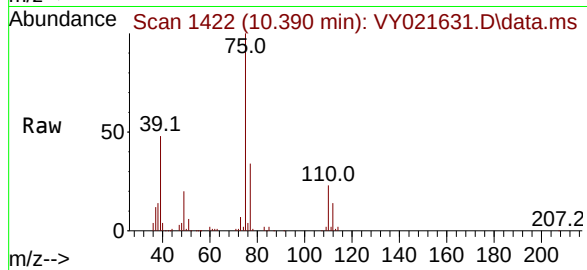
#53
t-1,3-Dichloropropene
Concen: 21.418 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. -0.006 min
Lab File: VY021631.D
Acq: 25 Mar 2025 12:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

Tgt Ion: 75 Resp: 5657
Ion Ratio Lower Upper
75 100
77 33.8 25.0 37.6

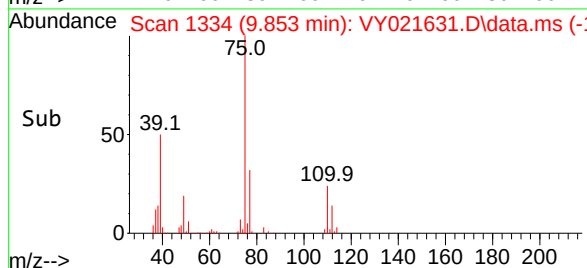
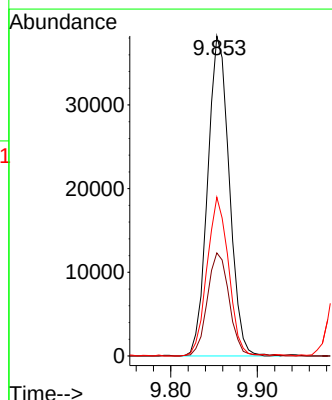
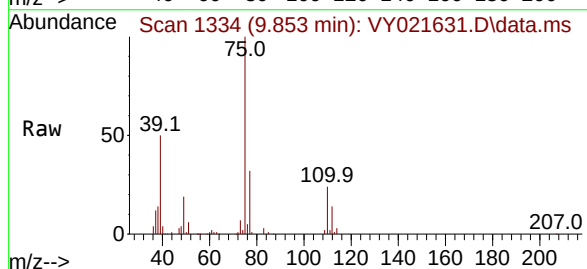
Manual Integrations
APPROVED

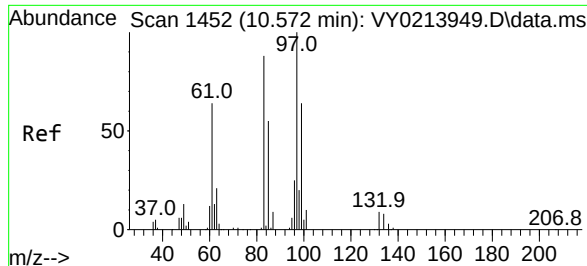
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#54
cis-1,3-Dichloropropene
Concen: 21.167 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY021631.D
Acq: 25 Mar 2025 12:59

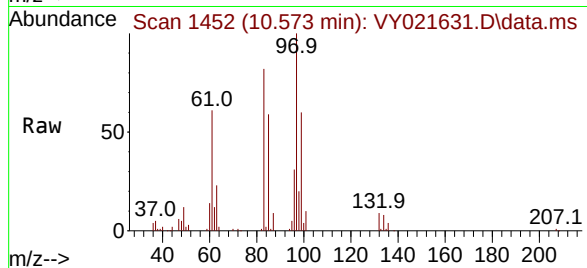
Tgt Ion: 75 Resp: 66385
Ion Ratio Lower Upper
75 100
77 32.2 24.6 37.0
39 49.6 39.4 59.2





#55
1,1,2-Trichloroethane
Concen: 23.661 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021631.D
Acq: 25 Mar 2025 12:59

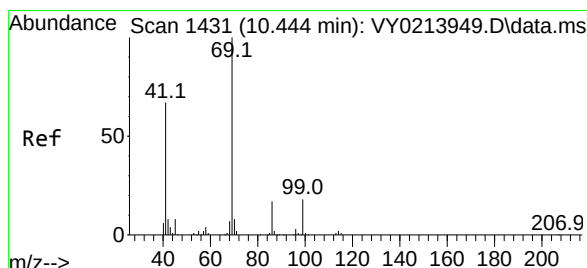
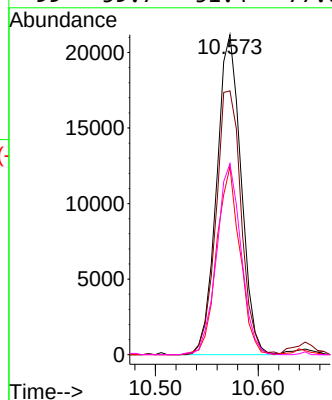
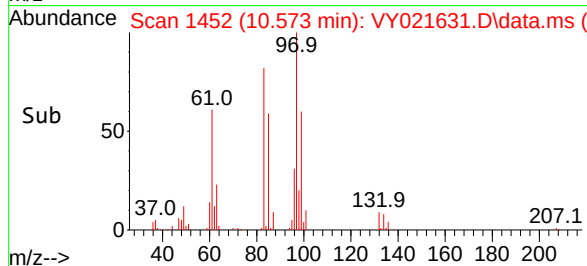
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01



Tgt Ion: 97 Resp: 3494
Ion Ratio Lower Upper
97 100
83 82.5 70.0 105.0
85 58.7 44.3 66.5
99 59.7 51.4 77.0

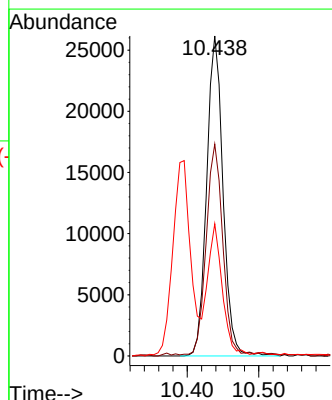
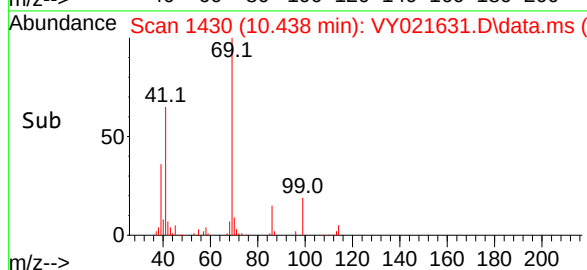
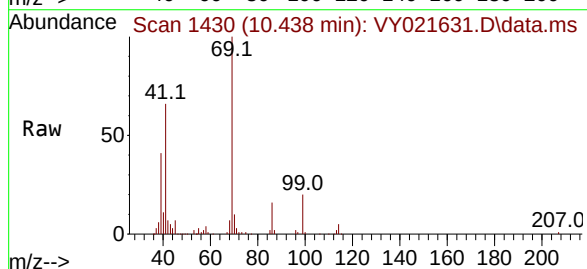
Manual Integrations
APPROVED

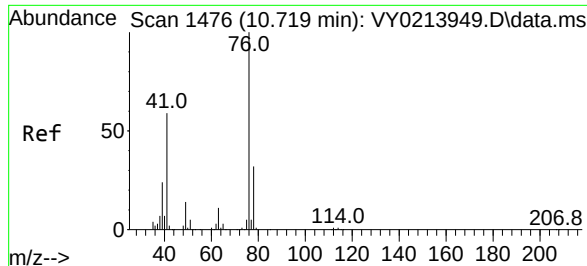
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#56
Ethyl methacrylate
Concen: 22.051 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY021631.D
Acq: 25 Mar 2025 12:59

Tgt Ion: 69 Resp: 41533
Ion Ratio Lower Upper
69 100
41 66.1 53.3 79.9
39 35.7 31.0 46.6





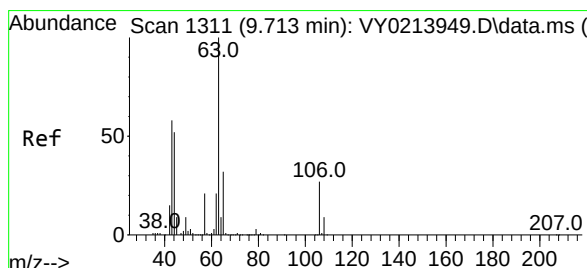
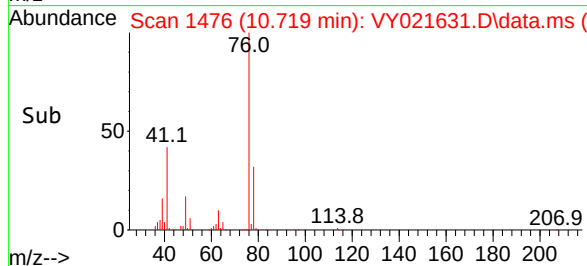
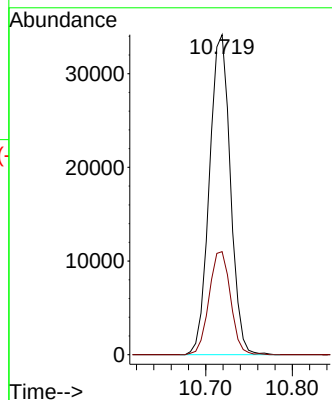
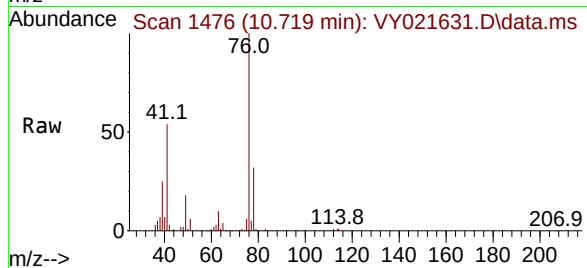
#57
1,3-Dichloropropane
Concen: 22.417 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY021631.D
Acq: 25 Mar 2025 12:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

Tgt Ion: 76 Resp: 57380
Ion Ratio Lower Upper
76 100
78 33.0 26.3 39.5

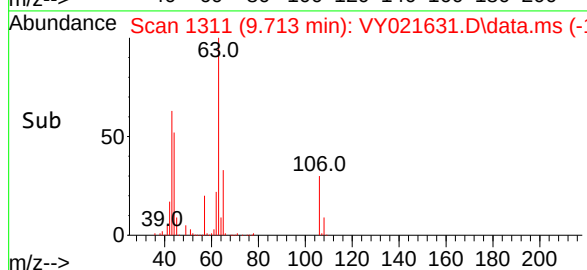
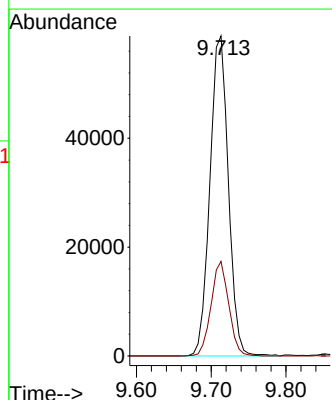
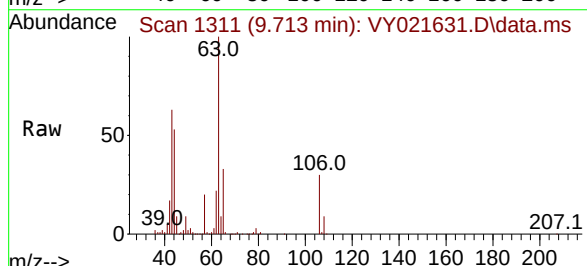
Manual Integrations
APPROVED

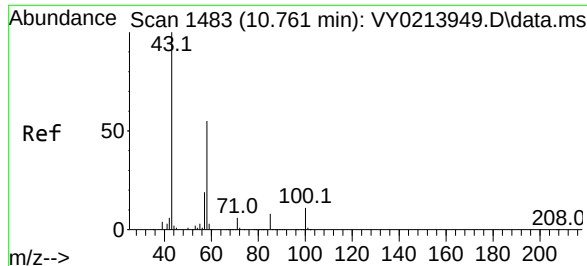
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#58
2-Chloroethyl Vinyl ether
Concen: 115.799 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY021631.D
Acq: 25 Mar 2025 12:59

Tgt Ion: 63 Resp: 100684
Ion Ratio Lower Upper
63 100
106 28.3 22.1 33.1





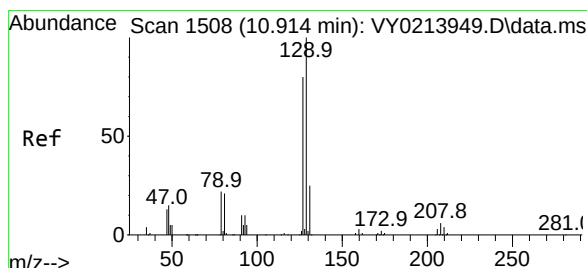
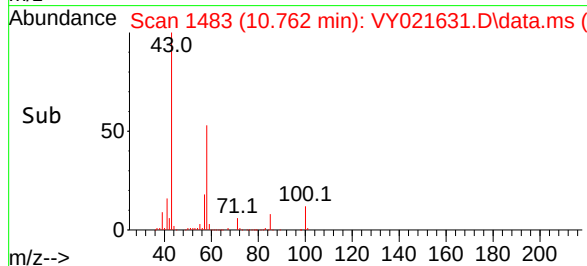
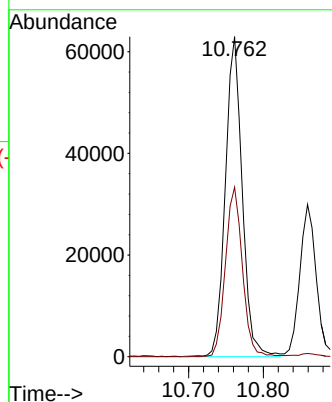
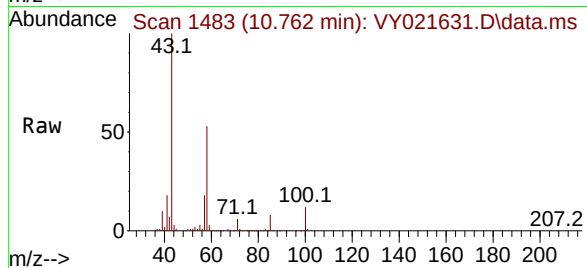
#59
2-Hexanone
Concen: 116.862 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021631.D
Acq: 25 Mar 2025 12:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

Tgt Ion: 43 Resp: 9900
Ion Ratio Lower Upper
43 100
58 53.4 27.3 81.8

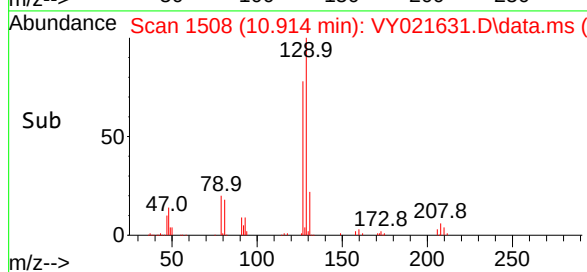
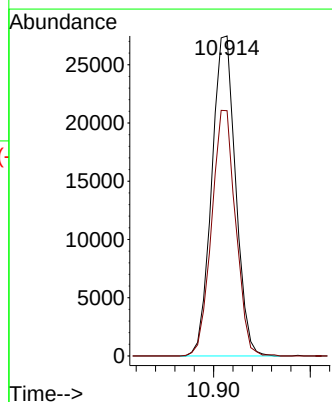
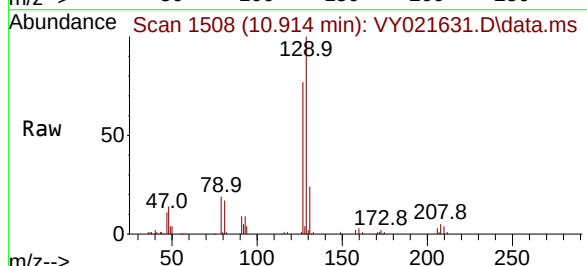
Manual Integrations
APPROVED

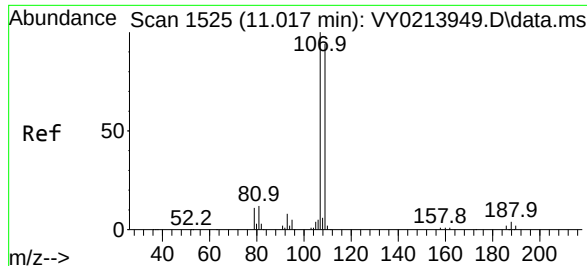
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#60
Dibromochloromethane
Concen: 23.230 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY021631.D
Acq: 25 Mar 2025 12:59

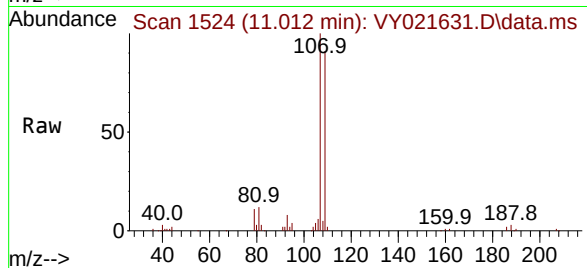
Tgt Ion:129 Resp: 47032
Ion Ratio Lower Upper
129 100
127 77.1 39.1 117.3





#61
1,2-Dibromoethane
Concen: 22.551 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY021631.D
Acq: 25 Mar 2025 12:59

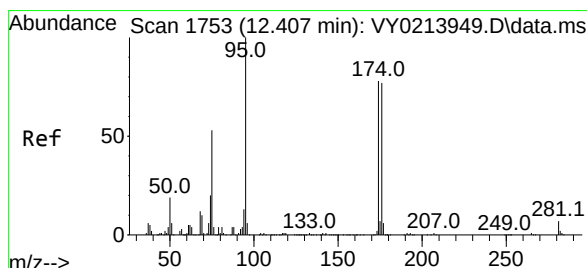
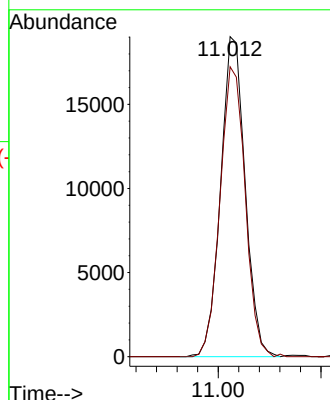
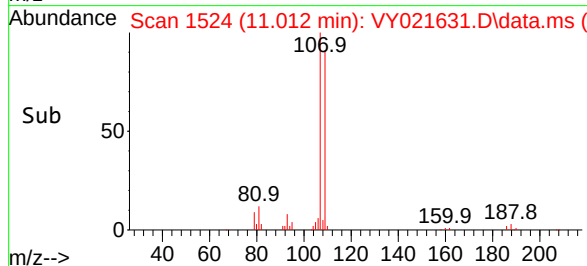
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01



Tgt Ion: 107 Resp: 3143
Ion Ratio Lower Upper
107 100
109 93.0 75.8 113.8

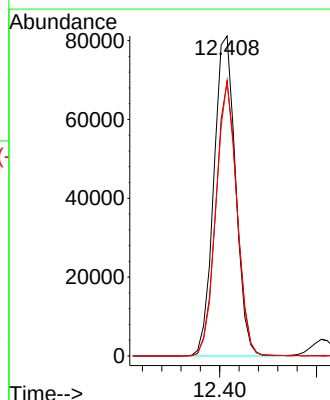
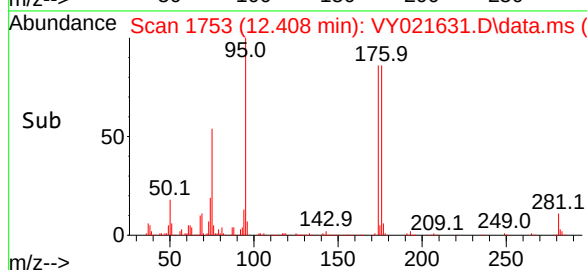
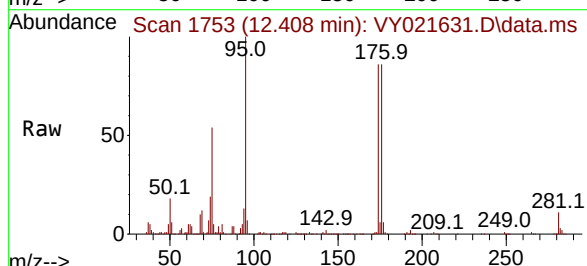
Manual Integrations
APPROVED

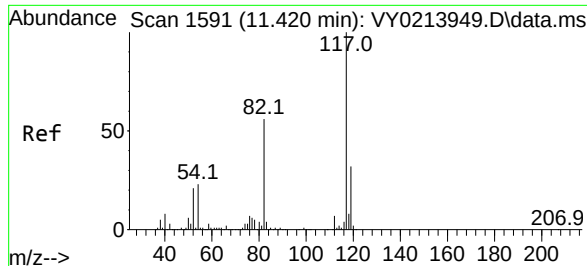
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#62
4-Bromofluorobenzene
Concen: 53.199 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021631.D
Acq: 25 Mar 2025 12:59

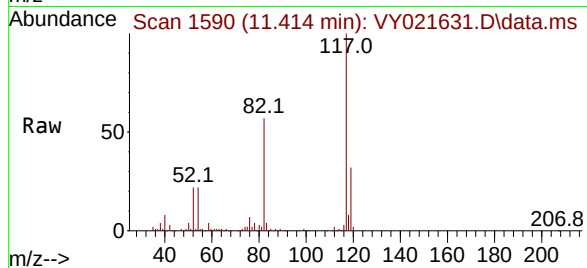
Tgt Ion: 95 Resp: 126684
Ion Ratio Lower Upper
95 100
174 83.1 0.0 165.0
176 82.1 0.0 160.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY021631.D
Acq: 25 Mar 2025 12:59

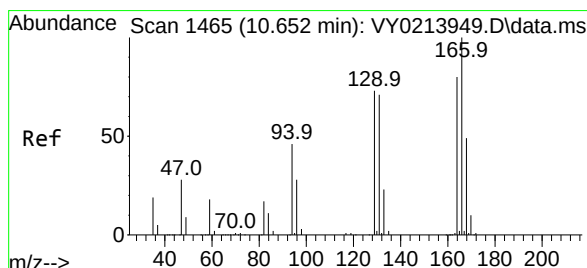
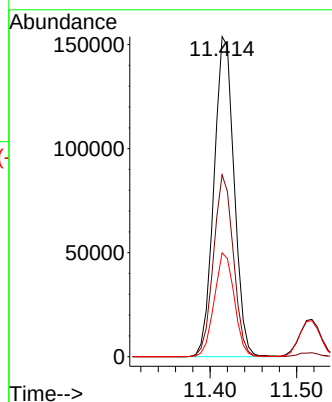
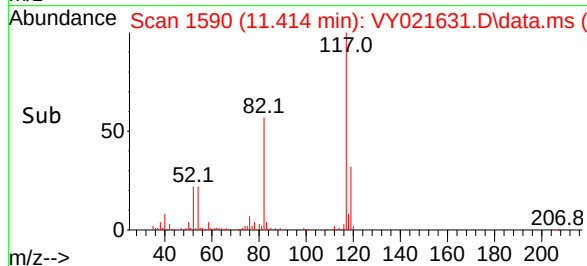
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01



Tgt Ion:117 Resp: 24886
Ion Ratio Lower Upper
117 100
82 56.8 44.6 67.0
119 32.5 25.4 38.0

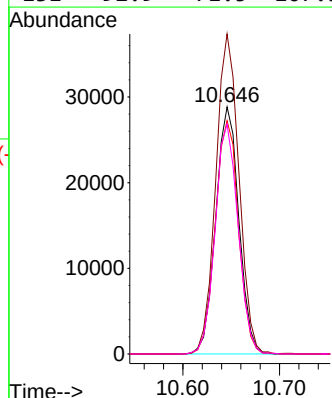
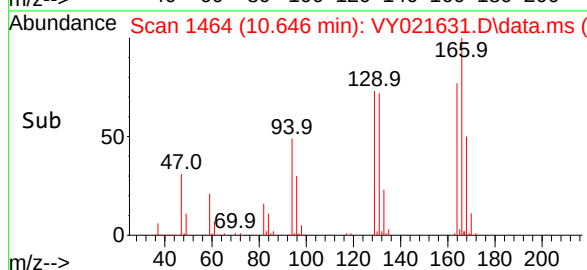
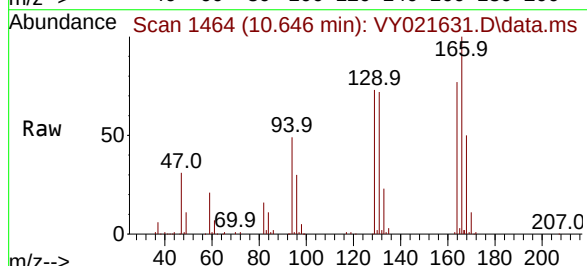
Manual Integrations
APPROVED

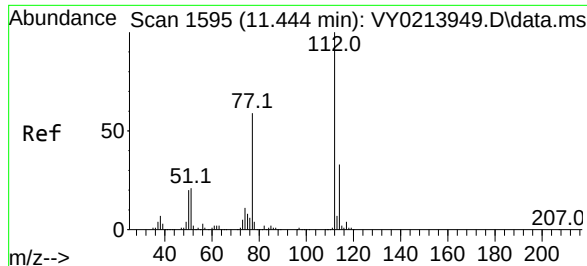
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#64
Tetrachloroethene
Concen: 23.611 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021631.D
Acq: 25 Mar 2025 12:59

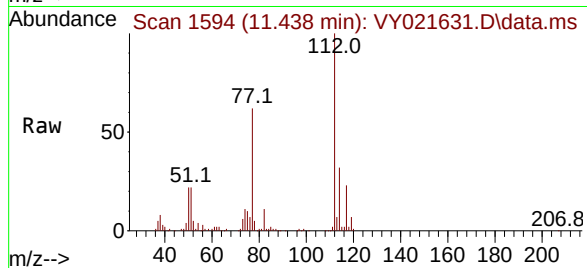
Tgt Ion:164 Resp: 47781
Ion Ratio Lower Upper
164 100
166 129.5 100.4 150.6
129 94.4 73.8 110.8
131 92.9 71.5 107.3





#65
Chlorobenzene
Concen: 20.939 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021631.D
Acq: 25 Mar 2025 12:59

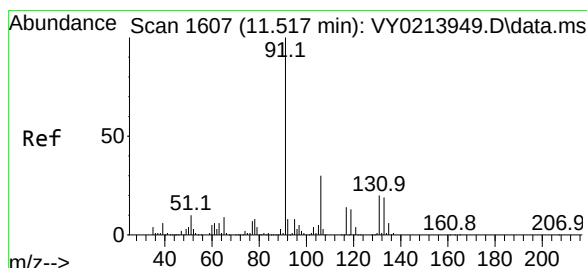
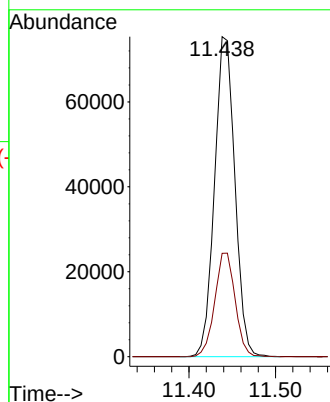
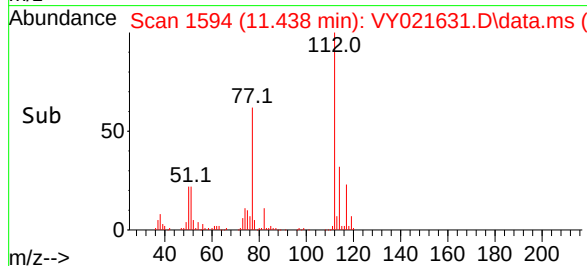
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01



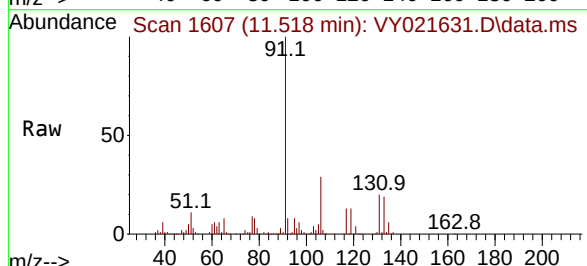
Tgt Ion:112 Resp: 123052
Ion Ratio Lower Upper
112 100
114 32.3 26.1 39.1

Manual Integrations
APPROVED

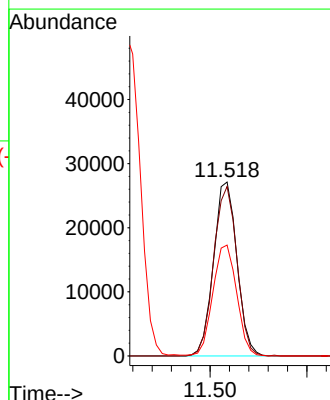
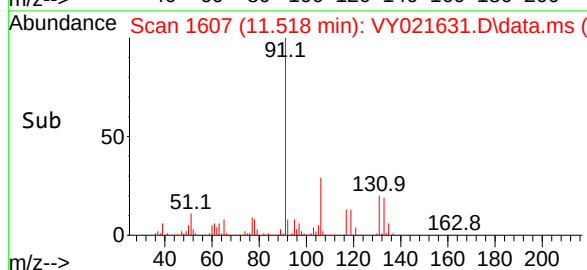
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025

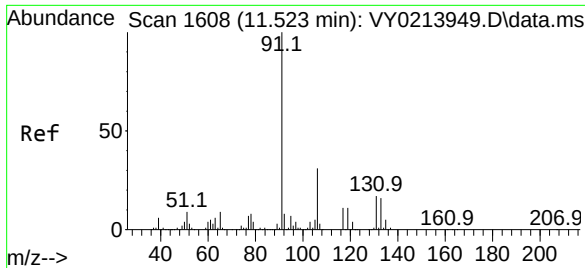


#66
1,1,1,2-Tetrachloroethane
Concen: 21.988 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021631.D
Acq: 25 Mar 2025 12:59



Tgt Ion:131 Resp: 45685
Ion Ratio Lower Upper
131 100
133 96.8 47.6 142.9
119 64.7 32.3 96.9





#67

Ethyl Benzene

Concen: 20.083 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY021631.D

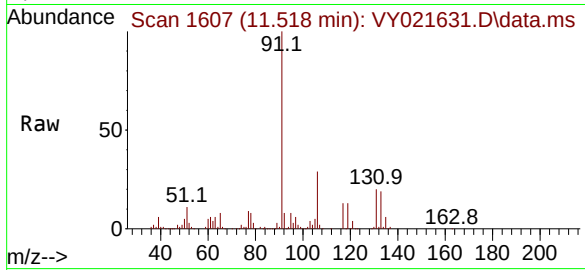
Acq: 25 Mar 2025 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01



Tgt Ion: 91 Resp: 207154

Ion Ratio Lower Upper

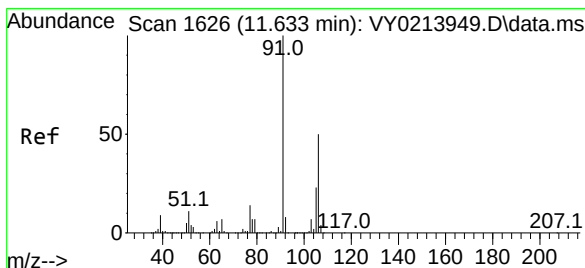
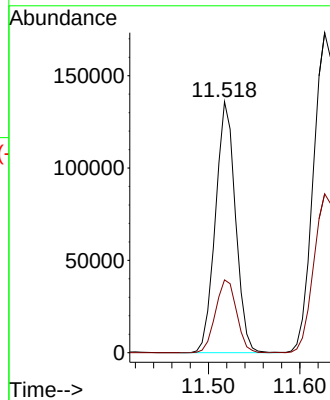
91 100

106 29.0 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#68

m/p-Xylenes

Concen: 40.408 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021631.D

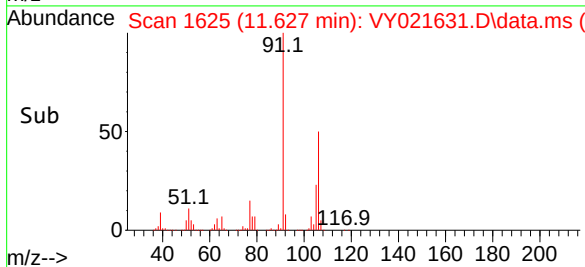
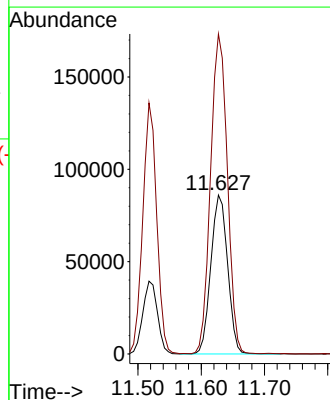
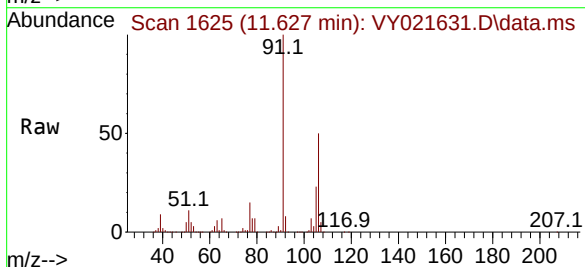
Acq: 25 Mar 2025 12:59

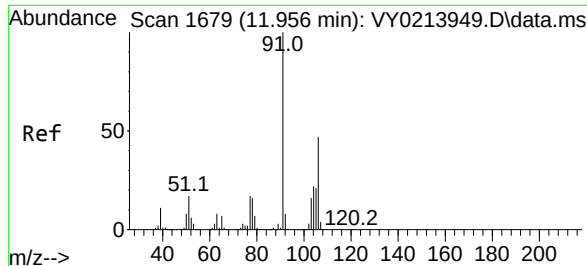
Tgt Ion:106 Resp: 158239

Ion Ratio Lower Upper

106 100

91 201.4 161.7 242.5





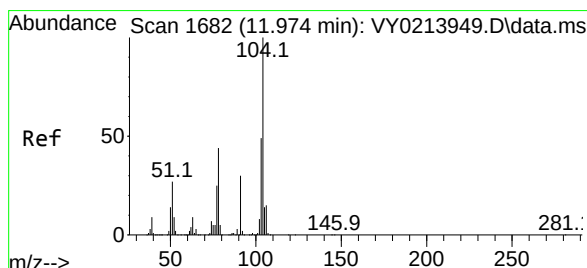
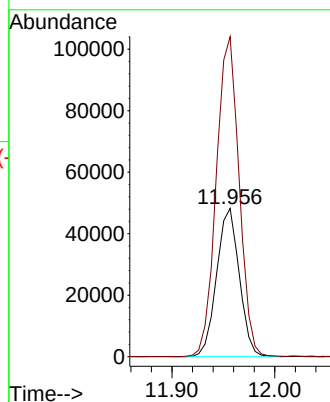
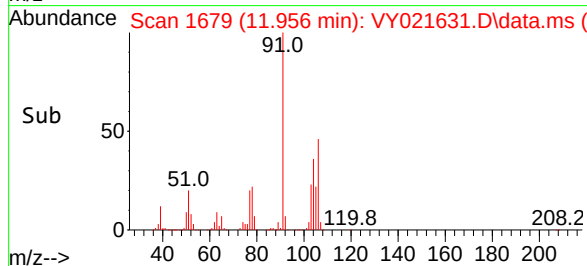
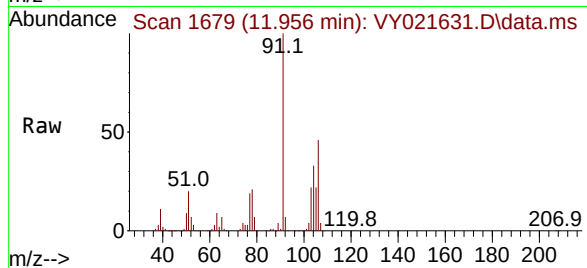
#69
o-Xylene
Concen: 20.396 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021631.D
Acq: 25 Mar 2025 12:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBSD01

Tgt Ion:106 Resp: 73614
Ion Ratio Lower Upper
106 100
91 218.2 107.6 322.8

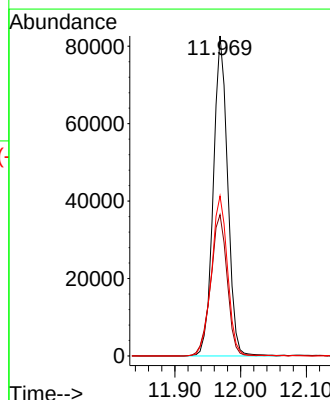
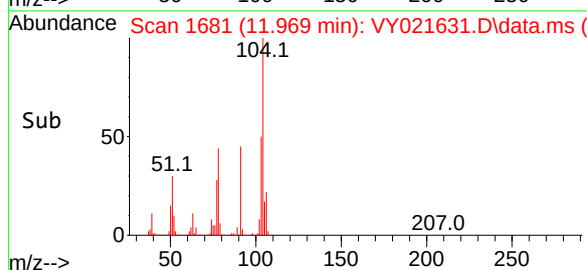
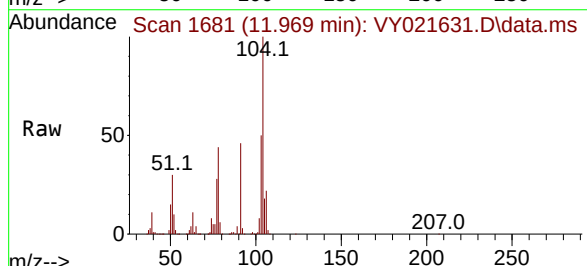
Manual Integrations
APPROVED

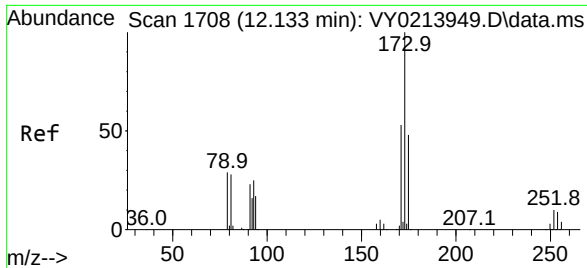
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#70
Styrene
Concen: 21.029 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VY021631.D
Acq: 25 Mar 2025 12:59

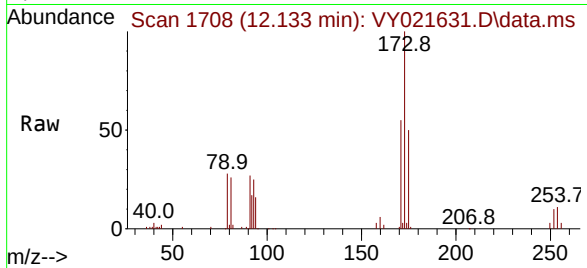
Tgt Ion:104 Resp: 125909
Ion Ratio Lower Upper
104 100
78 50.2 40.7 61.1
103 55.8 44.1 66.1





#71
Bromoform
Concen: 23.226 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY021631.D
Acq: 25 Mar 2025 12:59

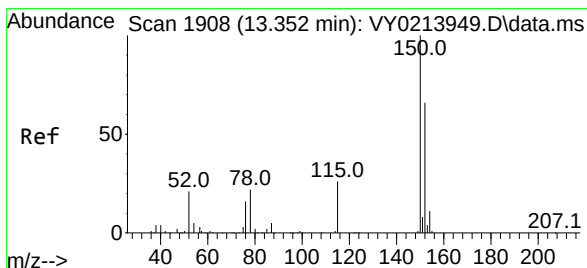
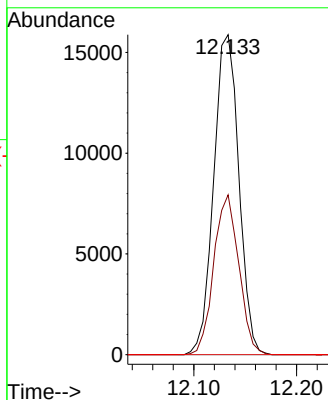
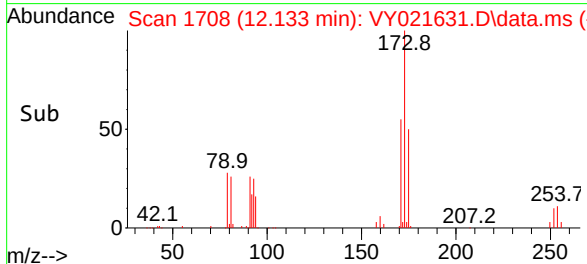
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01



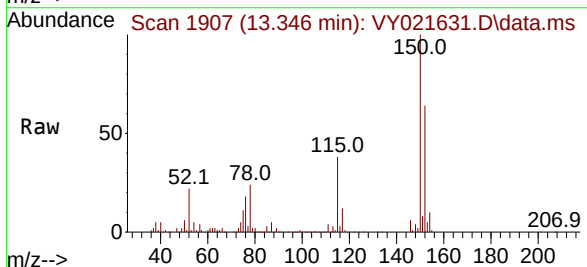
Tgt Ion:173 Resp: 26970
Ion Ratio Lower Upper
173 100
175 49.7 23.9 71.7
254 0.0 0.1 0.1

Manual Integrations
APPROVED

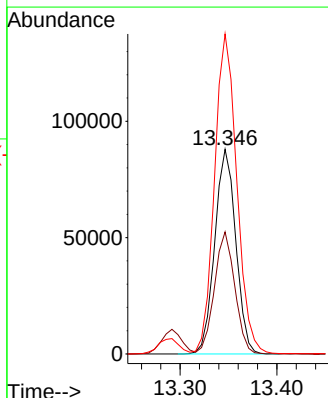
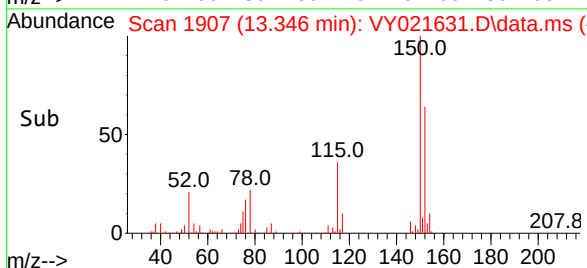
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025

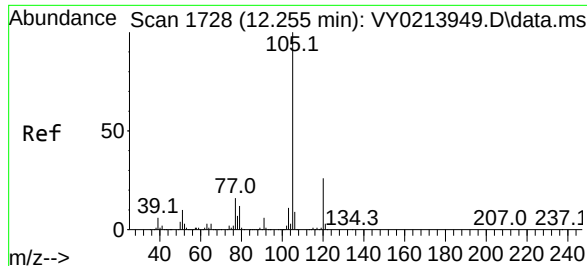


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021631.D
Acq: 25 Mar 2025 12:59



Tgt Ion:152 Resp: 132727
Ion Ratio Lower Upper
152 100
115 57.5 29.0 87.0
150 166.0 0.0 347.2





#73

Isopropylbenzene

Concen: 19.227 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY021631.D

Acq: 25 Mar 2025 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

Tgt Ion:105 Resp: 201024

Ion Ratio Lower Upper

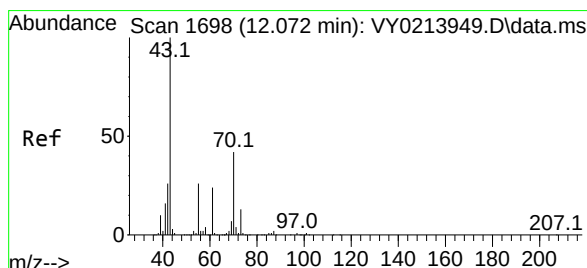
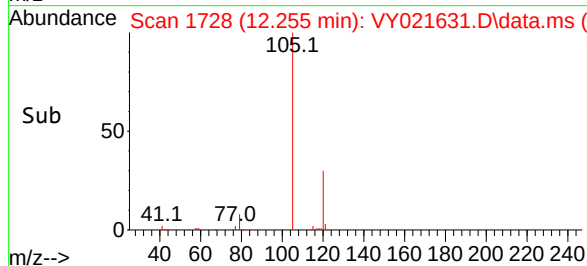
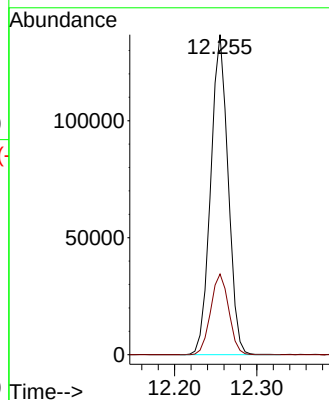
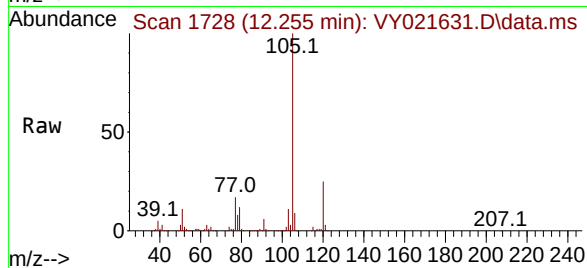
105 100

120 26.1 13.1 39.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
 Supervised By :Semsettin Yesilyurt 03/26/2025



#74

N-ethyl acetate

Concen: 21.448 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY021631.D

Acq: 25 Mar 2025 12:59

Tgt Ion: 43 Resp: 48701

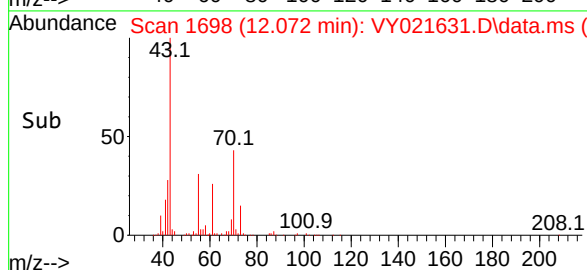
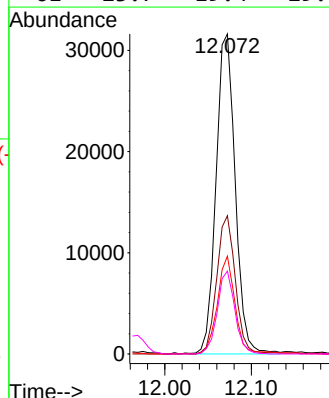
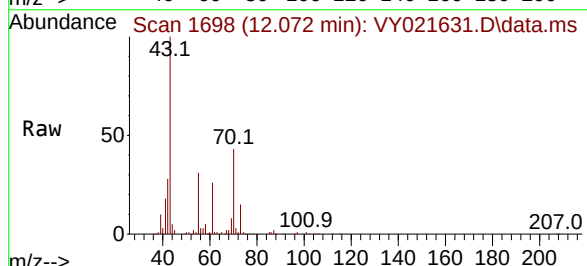
Ion Ratio Lower Upper

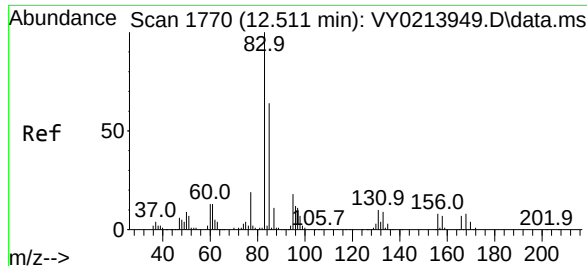
43 100

70 42.3 34.6 51.8

55 28.5 21.1 31.7

61 23.7 19.4 29.0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.862 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY021631.D

Acq: 25 Mar 2025 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

Tgt Ion: 83 Resp: 40330

Ion Ratio Lower Upper

83 100

131 11.4 5.3 16.1

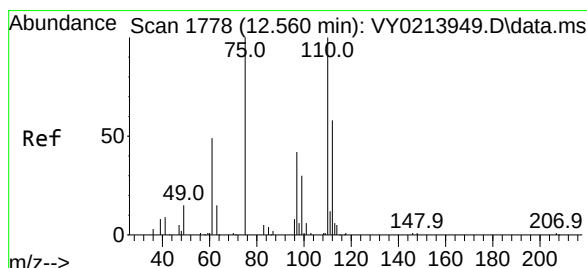
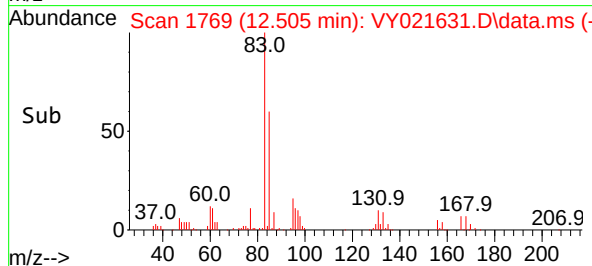
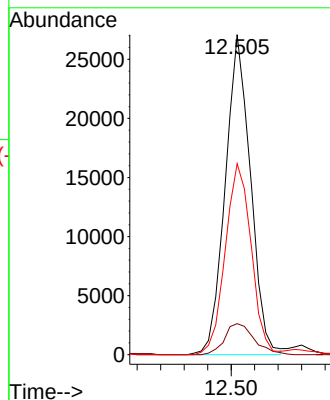
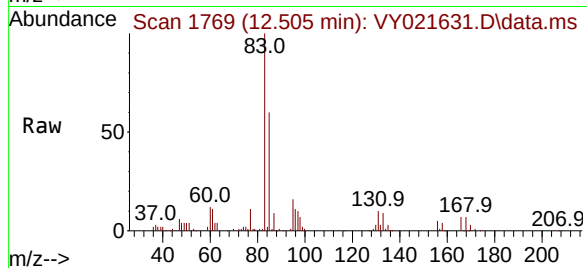
85 61.5 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025

Supervised By :Semsettin Yesilyurt 03/26/2025



#76

1,2,3-Trichloropropane

Concen: 21.842 ug/l m

RT: 12.554 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VY021631.D

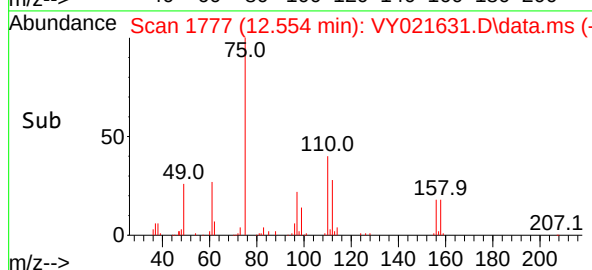
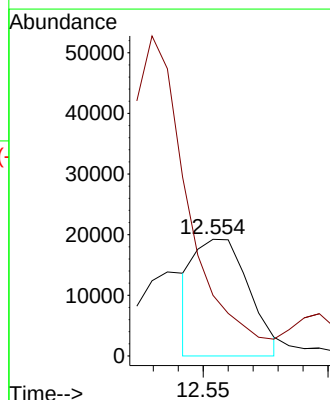
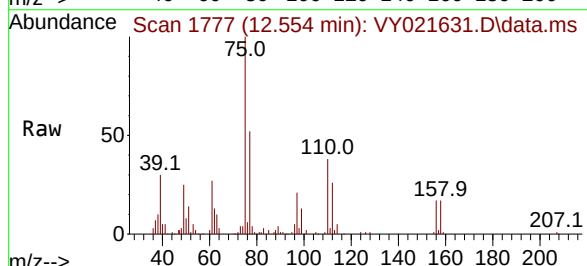
Acq: 25 Mar 2025 12:59

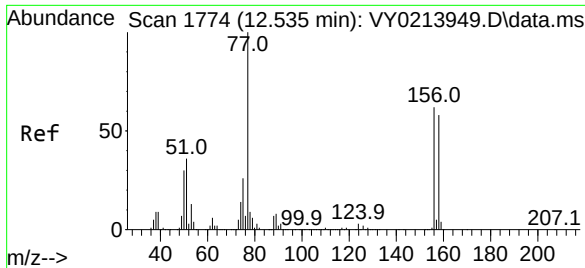
Tgt Ion: 75 Resp: 29213

Ion Ratio Lower Upper

75 100

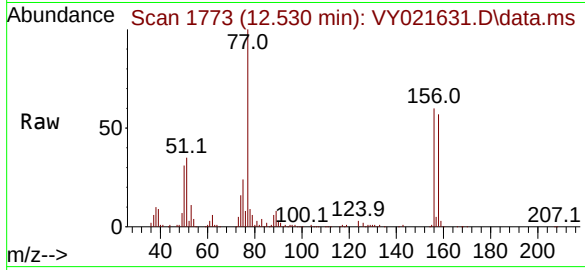
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 20.397 ug/l
RT: 12.530 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VY021631.D
Acq: 25 Mar 2025 12:59

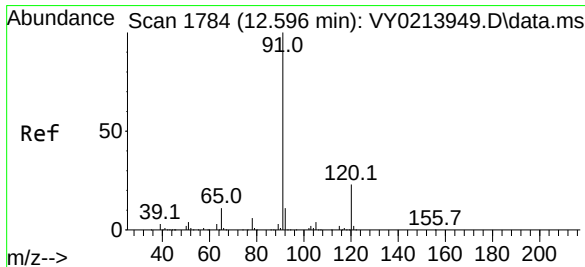
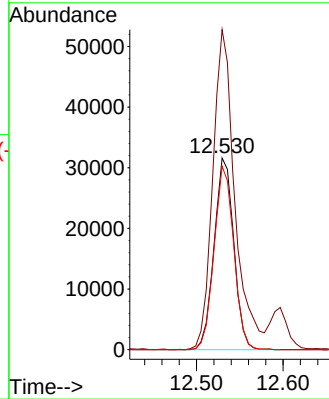
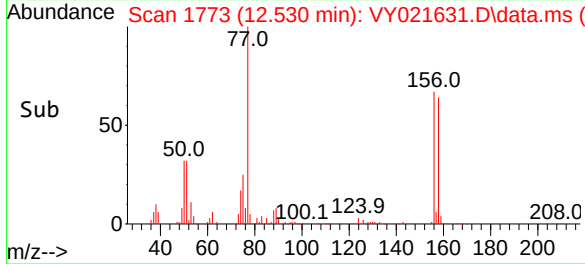
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01



Tgt Ion: 156 Resp: 4989
Ion Ratio Lower Upper
156 100
77 186.9 93.6 280.8
158 95.6 48.3 144.8

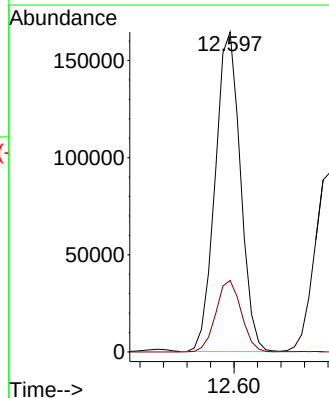
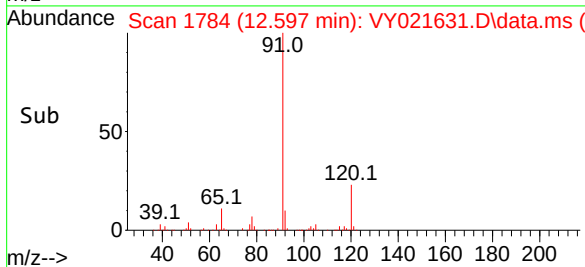
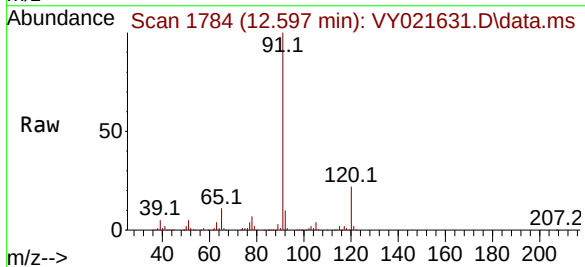
Manual Integrations
APPROVED

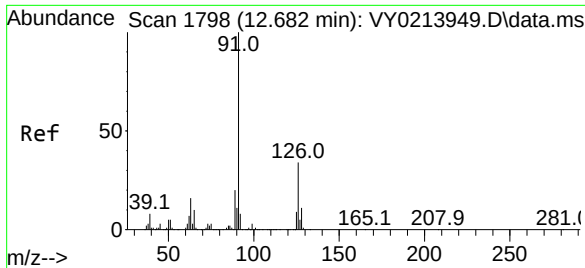
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#78
n-propylbenzene
Concen: 19.286 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021631.D
Acq: 25 Mar 2025 12:59

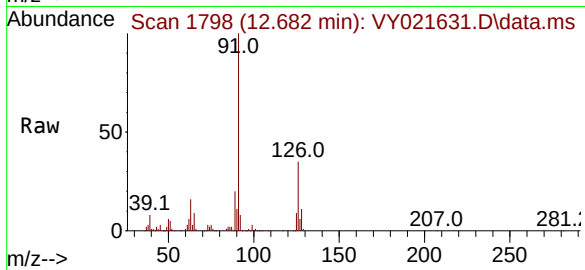
Tgt Ion: 91 Resp: 244887
Ion Ratio Lower Upper
91 100
120 22.6 11.3 33.8





#79
2-Chlorotoluene
Concen: 19.739 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021631.D
Acq: 25 Mar 2025 12:59

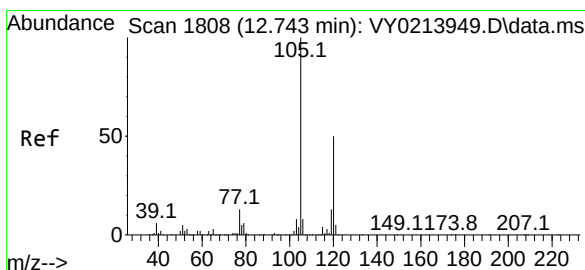
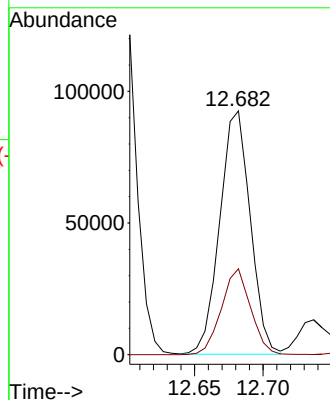
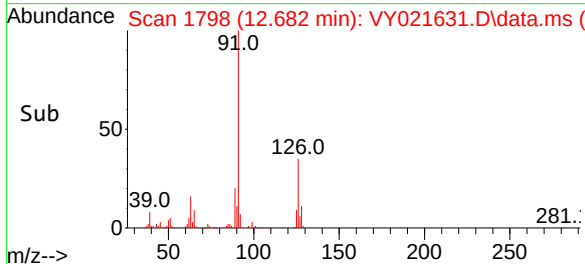
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01



Tgt Ion: 91 Resp: 143314
Ion Ratio Lower Upper
91 100
126 33.9 17.2 51.6

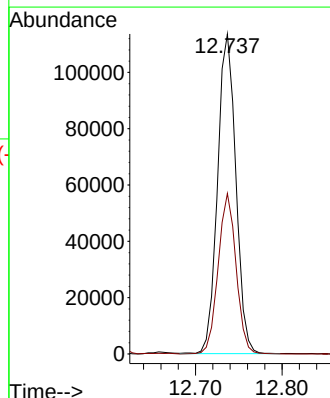
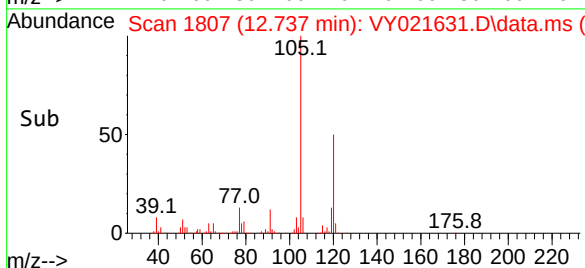
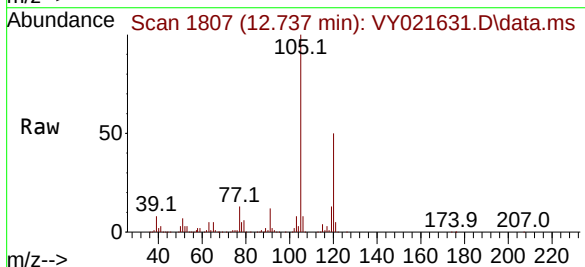
Manual Integrations
APPROVED

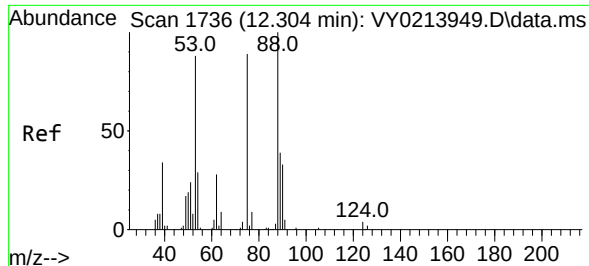
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.545 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY021631.D
Acq: 25 Mar 2025 12:59

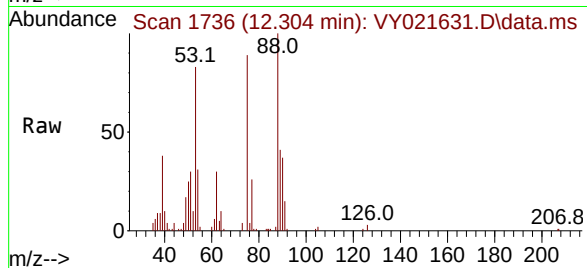
Tgt Ion:105 Resp: 166063
Ion Ratio Lower Upper
105 100
120 49.4 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 18.875 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021631.D
Acq: 25 Mar 2025 12:59

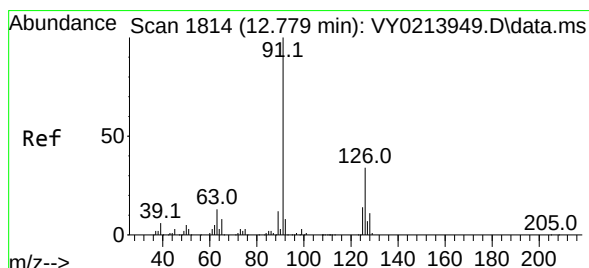
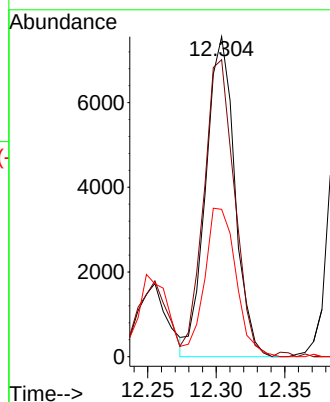
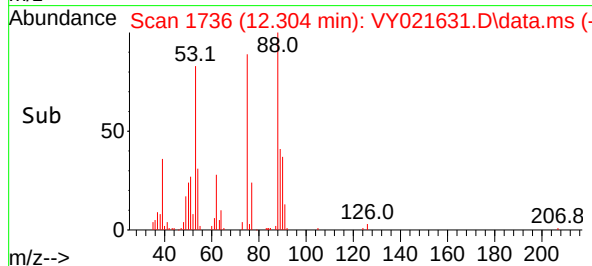
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01



Tgt Ion: 75 Resp: 1110
Ion Ratio Lower Upper
75 100
53 98.5 81.0 121.4
89 50.4 36.9 55.3

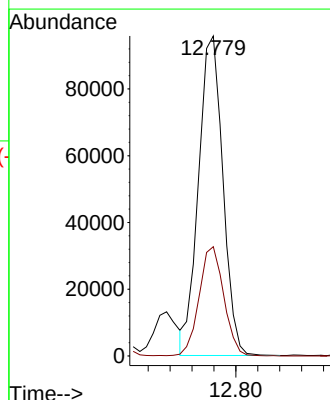
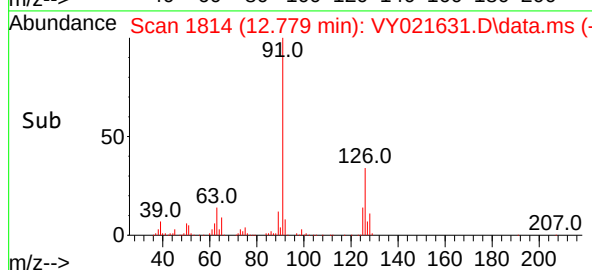
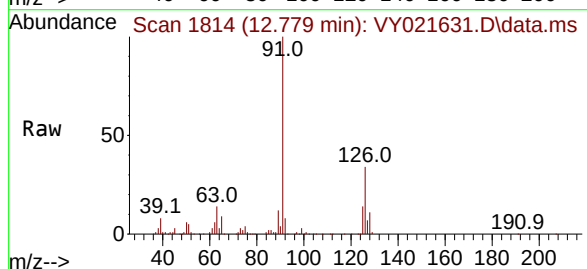
Manual Integrations
APPROVED

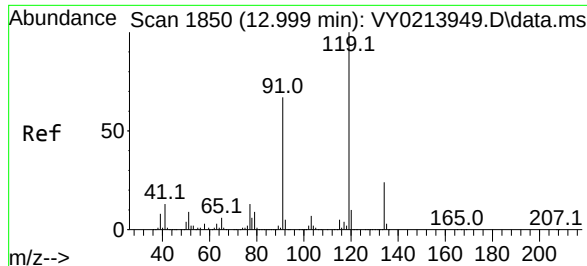
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#82
4-Chlorotoluene
Concen: 19.680 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021631.D
Acq: 25 Mar 2025 12:59

Tgt Ion: 91 Resp: 147962
Ion Ratio Lower Upper
91 100
126 34.6 17.0 51.0





#83

tert-Butylbenzene

Concen: 19.748 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021631.D

Acq: 25 Mar 2025 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

Tgt Ion:119 Resp: 14968

Ion Ratio Lower Upper

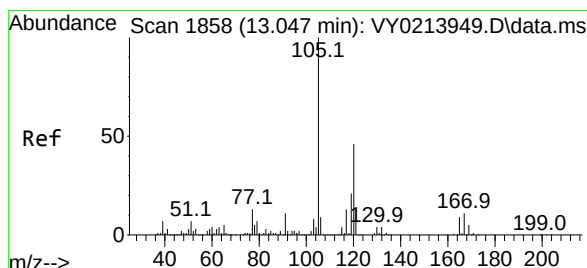
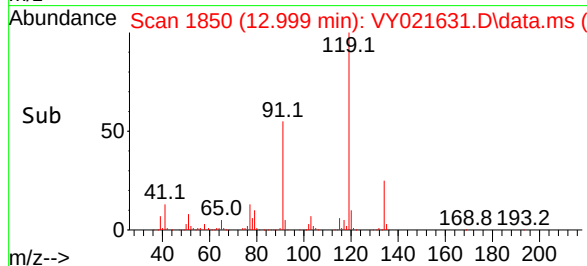
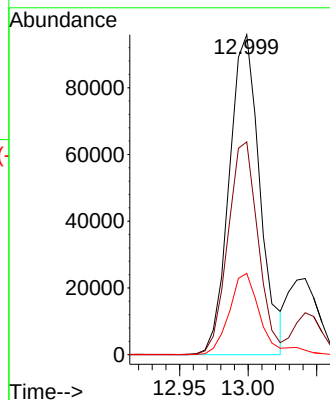
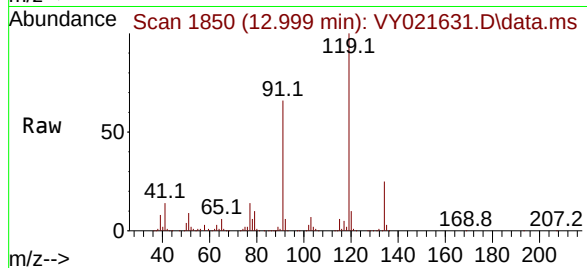
119 100

91 65.2 33.2 99.6

134 26.0 13.5 40.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025

#84

1,2,4-Trimethylbenzene

Concen: 19.920 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY021631.D

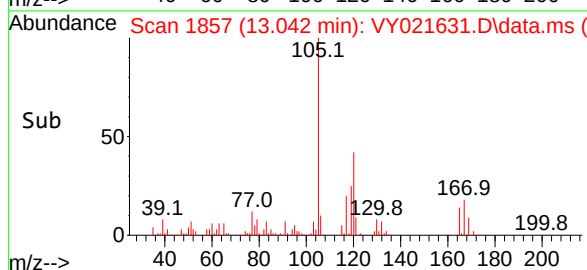
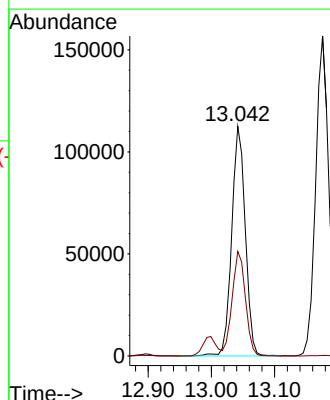
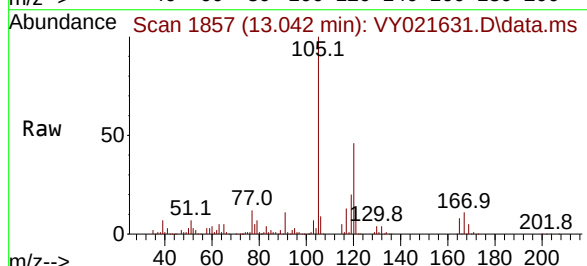
Acq: 25 Mar 2025 12:59

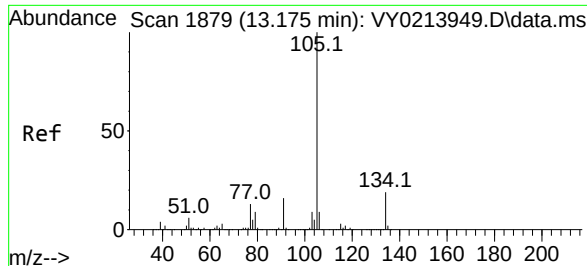
Tgt Ion:105 Resp: 168050

Ion Ratio Lower Upper

105 100

120 44.4 22.7 68.1





#85

sec-Butylbenzene

Concen: 19.897 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021631.D

Acq: 25 Mar 2025 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

Tgt Ion:105 Resp: 22439

Ion Ratio Lower Upper

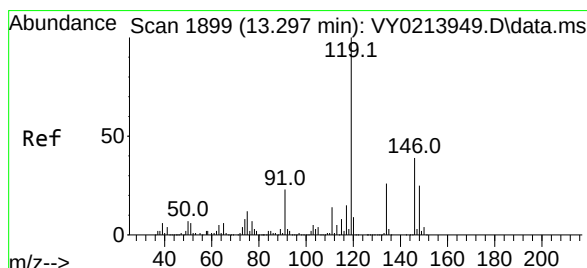
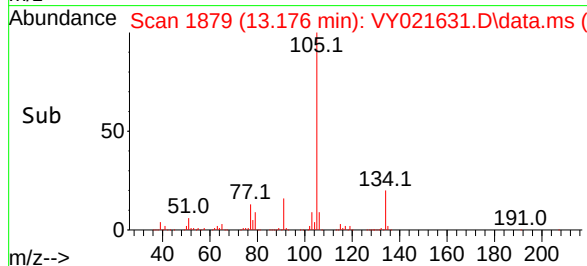
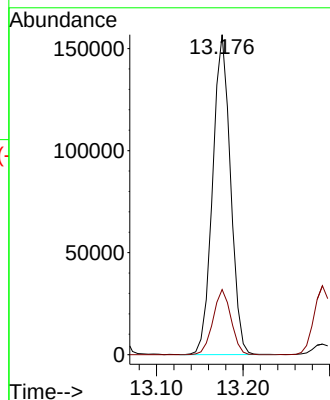
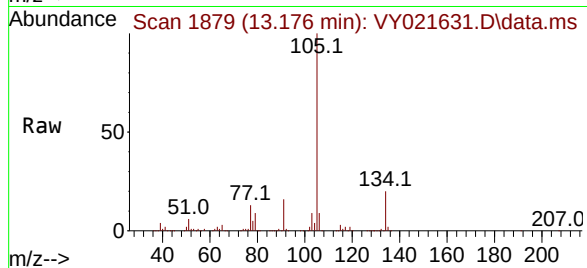
105 100

134 20.5 9.9 29.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
 Supervised By :Semsettin Yesilyurt 03/26/2025



#86

p-Isopropyltoluene

Concen: 19.616 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.006 min

Lab File: VY021631.D

Acq: 25 Mar 2025 12:59

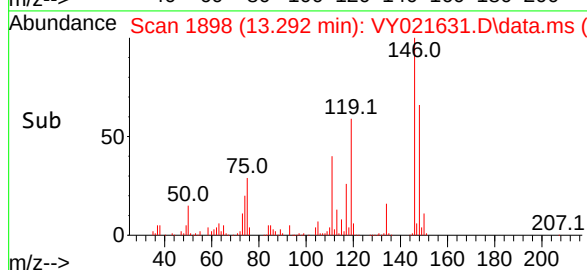
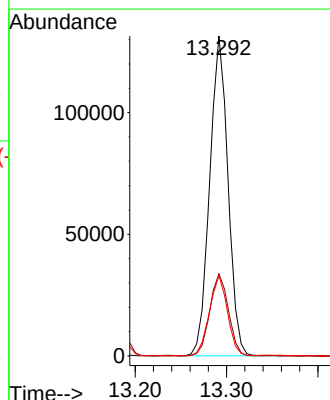
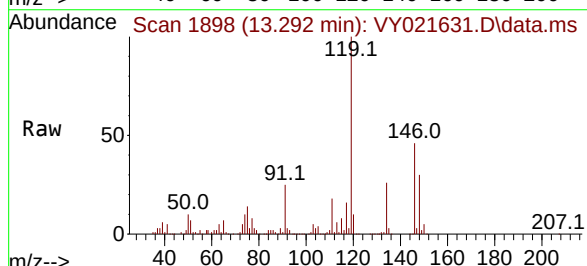
Tgt Ion:119 Resp: 182252

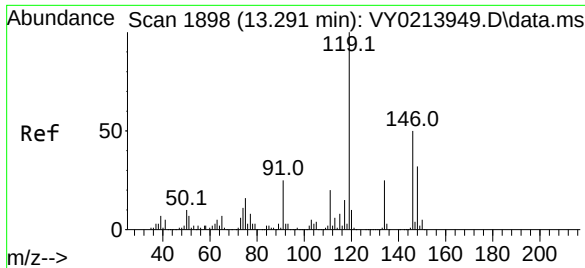
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.1

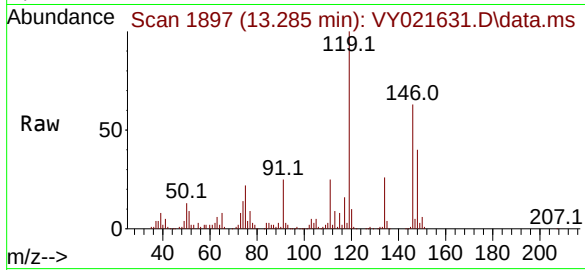
91 24.6 12.2 36.6





#87
1,3-Dichlorobenzene
Concen: 20.524 ug/l
RT: 13.285 min Scan# 1898
Delta R.T. -0.006 min
Lab File: VY021631.D
Acq: 25 Mar 2025 12:59

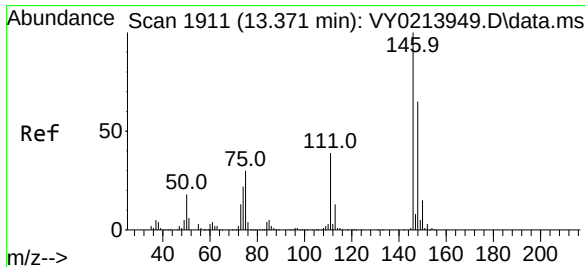
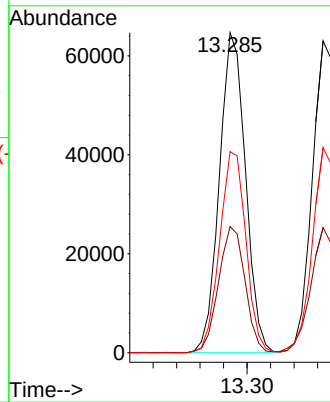
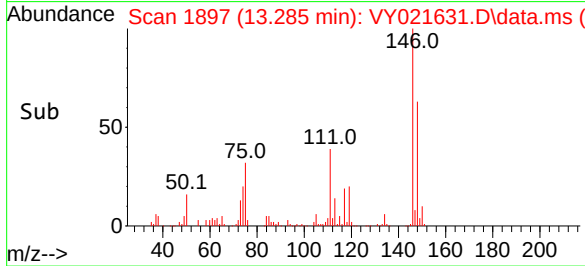
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01



Tgt Ion:146 Resp: 99930
Ion Ratio Lower Upper
146 100
111 39.9 20.0 60.0
148 63.3 31.8 95.3

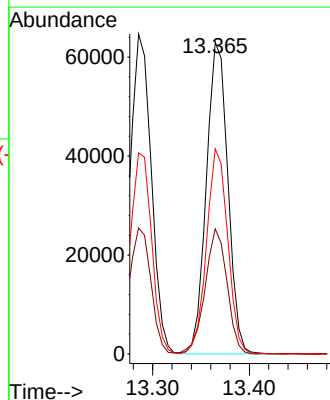
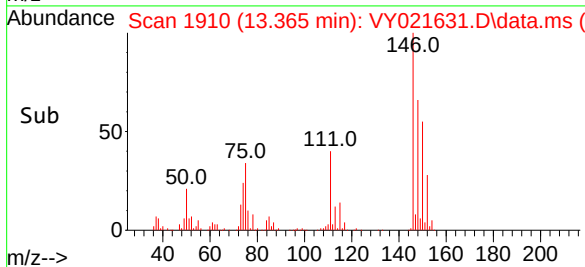
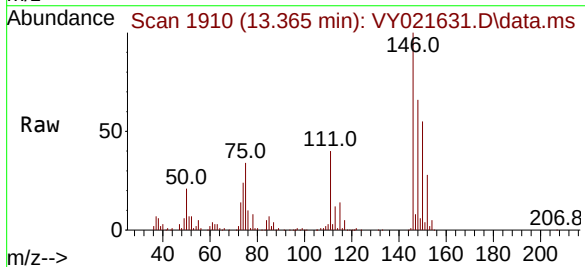
Manual Integrations
APPROVED

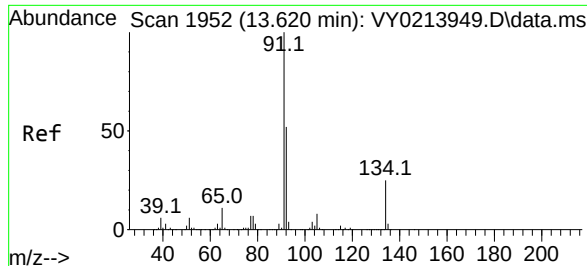
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#88
1,4-Dichlorobenzene
Concen: 20.467 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY021631.D
Acq: 25 Mar 2025 12:59

Tgt Ion:146 Resp: 97457
Ion Ratio Lower Upper
146 100
111 41.0 19.6 58.8
148 65.1 32.3 96.8





#89

n-Butylbenzene

Concen: 19.329 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY021631.D

Acq: 25 Mar 2025 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBS01

Tgt Ion: 91 Resp: 16583

Ion Ratio Lower Upper

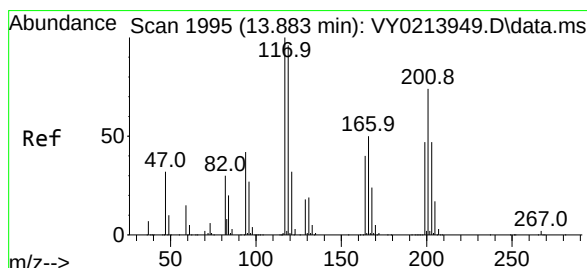
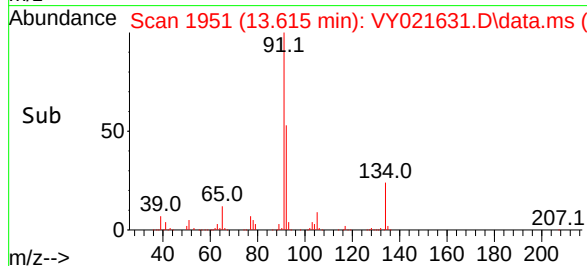
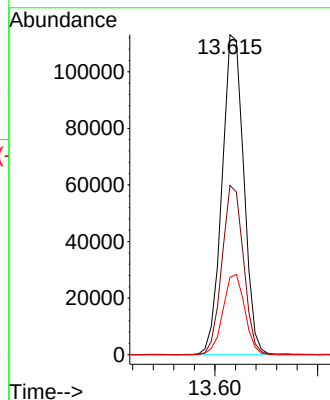
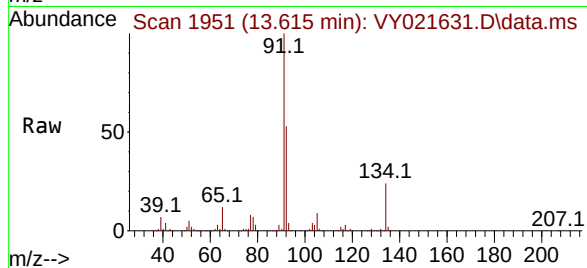
91 100

92 52.3 26.1 78.3

134 25.2 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025

#90

Hexachloroethane

Concen: 20.043 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY021631.D

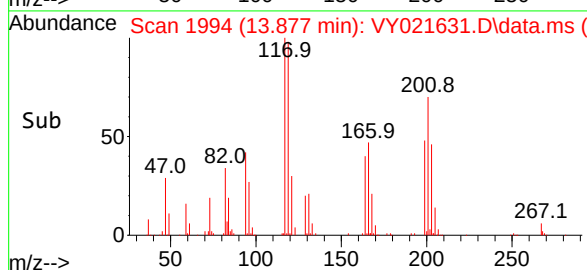
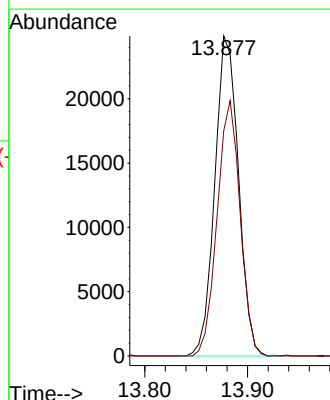
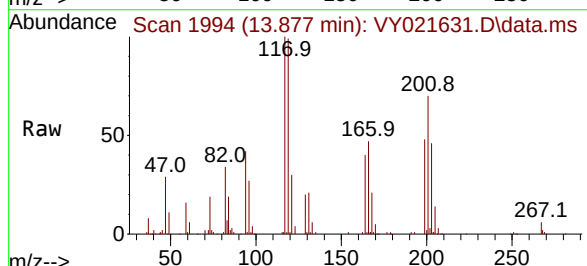
Acq: 25 Mar 2025 12:59

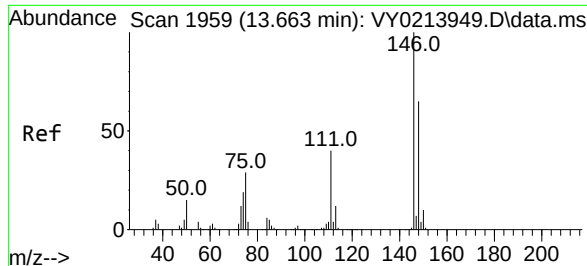
Tgt Ion:117 Resp: 39726

Ion Ratio Lower Upper

117 100

201 77.5 37.4 112.2





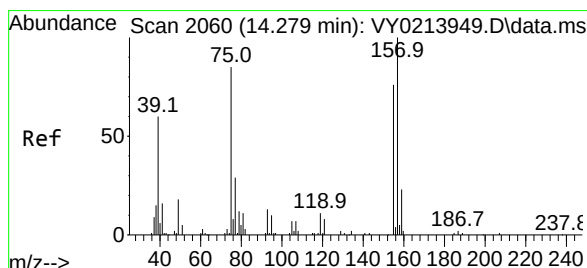
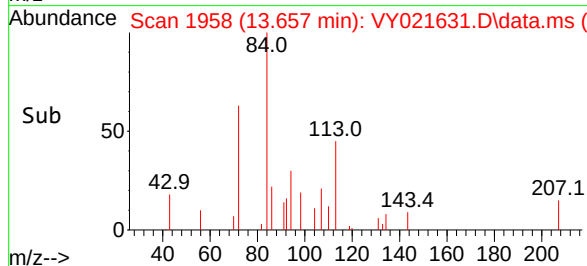
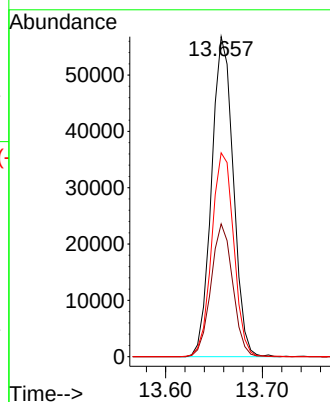
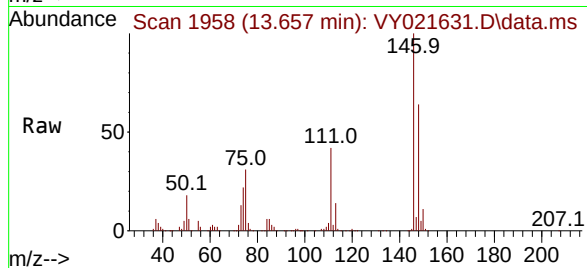
#91
1,2-Dichlorobenzene
Concen: 21.256 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.006 min
Lab File: VY021631.D
Acq: 25 Mar 2025 12:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBSD01

Tgt Ion:146 Resp: 8870
Ion Ratio Lower Upper
146 100
111 41.4 20.7 62.1
148 64.8 32.1 96.5

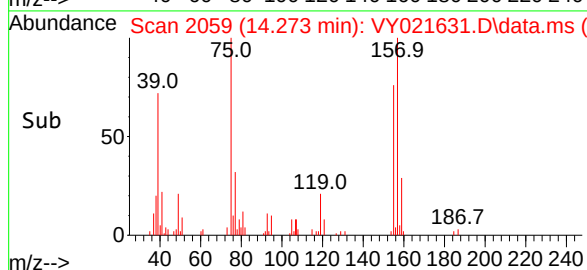
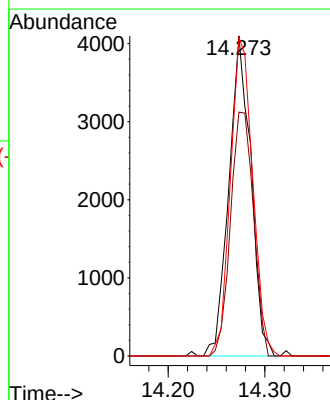
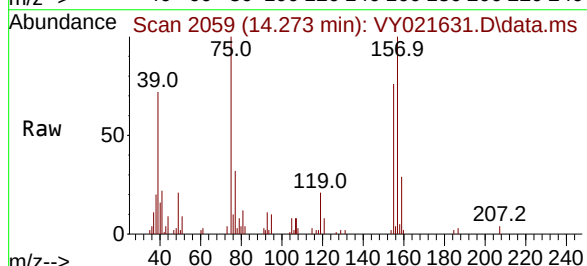
Manual Integrations
APPROVED

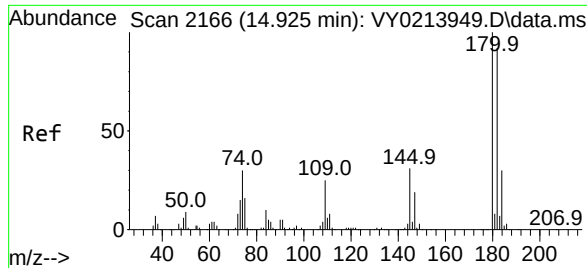
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 23.544 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VY021631.D
Acq: 25 Mar 2025 12:59

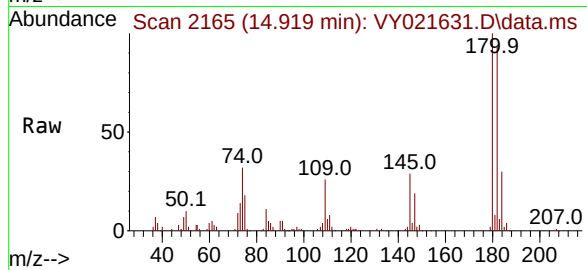
Tgt Ion: 75 Resp: 6507
Ion Ratio Lower Upper
75 100
155 79.1 43.5 130.5
157 100.0 54.4 163.2





#93
1,2,4-Trichlorobenzene
Concen: 21.766 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. -0.006 min
Lab File: VY021631.D
Acq: 25 Mar 2025 12:59

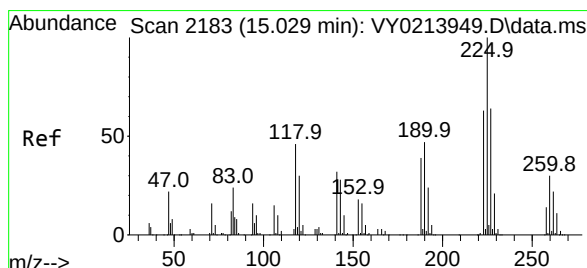
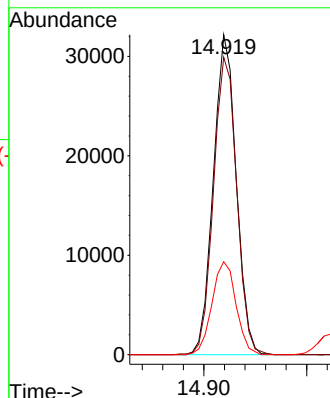
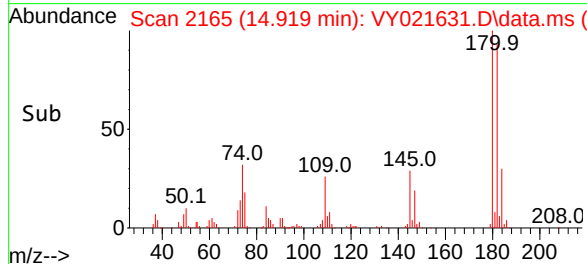
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01



Tgt Ion:180 Resp: 4961
Ion Ratio Lower Upper
180 100
182 94.4 46.7 140.0
145 30.5 15.6 46.8

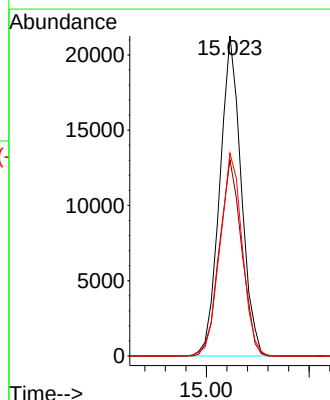
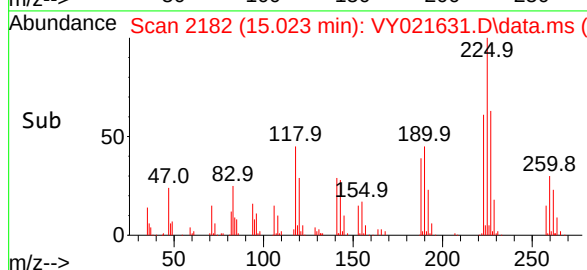
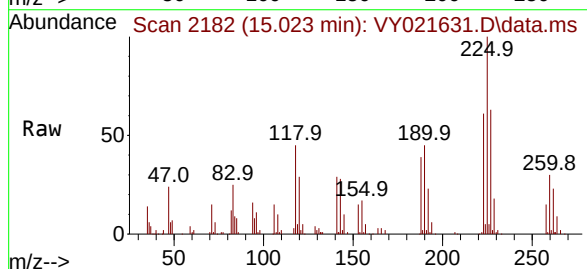
Manual Integrations
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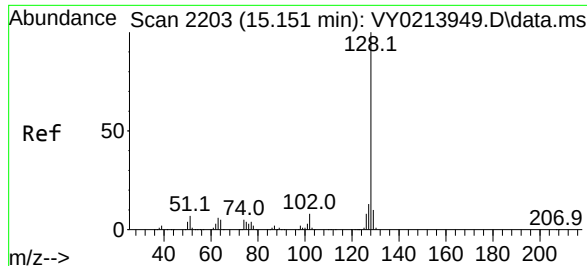
Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#94
Hexachlorobutadiene
Concen: 21.526 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.006 min
Lab File: VY021631.D
Acq: 25 Mar 2025 12:59

Tgt Ion:225 Resp: 30756
Ion Ratio Lower Upper
225 100
223 63.7 31.4 94.2
227 65.6 31.8 95.4





#95

Naphthalene

Concen: 23.510 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY021631.D

Acq: 25 Mar 2025 12:59

Instrument :

MSVOA_Y

ClientSampleId :

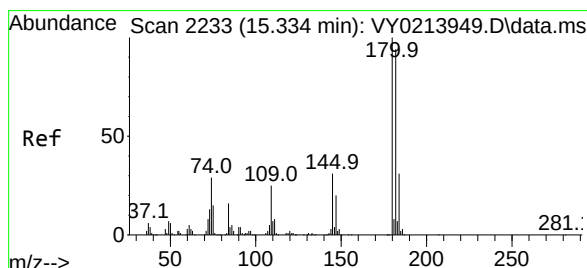
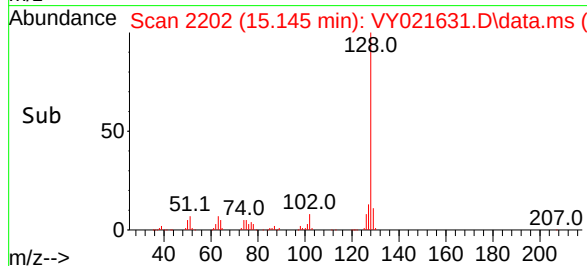
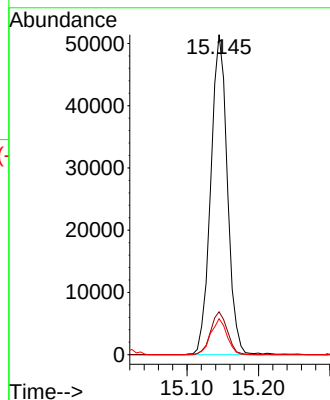
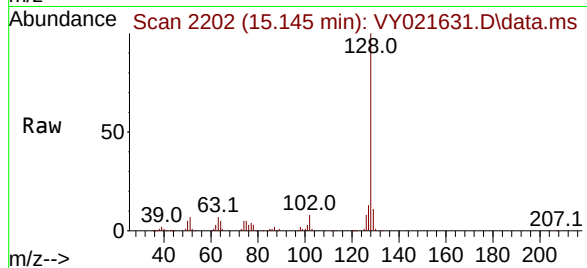
VY0325SBS01

Tgt Ion:	128	Resp:	82990
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.6	15.8
129	11.1	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025



#96

1,2,3-Trichlorobenzene

Concen: 22.751 ug/l

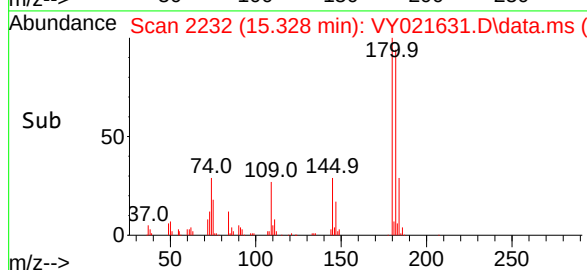
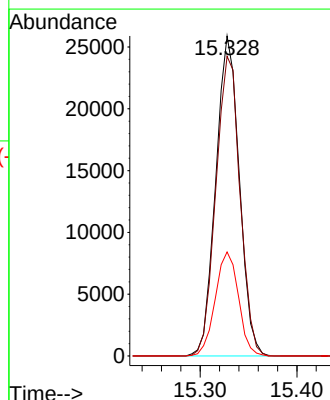
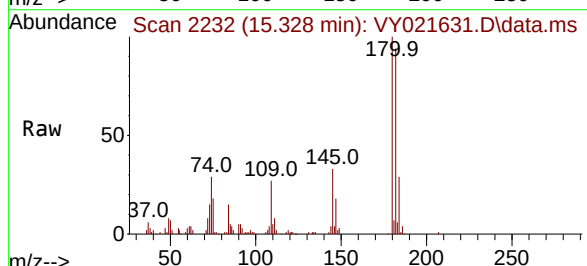
RT: 15.328 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY021631.D

Acq: 25 Mar 2025 12:59

Tgt Ion:	180	Resp:	43614
Ion Ratio	Lower	Upper	
180	100		
182	95.9	47.2	141.6
145	32.1	16.4	49.1



Manual Integration Report

Sequence:	VY030425	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC010	VY021397.D	1,2,3-Trichloropropane	MMDadod a	3/6/2025 2:55:34 PM	SAM	3/6/2025 3:00:08 PM	Peak Integrated by Software
VSTDICC010	VY021397.D	Methacrylonitrile	MMDadod a	3/6/2025 2:55:34 PM	SAM	3/6/2025 3:00:08 PM	Peak Integrated by Software
VSTDICC010	VY021397.D	Tert butyl alcohol	MMDadod a	3/6/2025 2:55:34 PM	SAM	3/6/2025 3:00:08 PM	Peak Integrated by Software
VSTDICC020	VY021398.D	1,2,3-Trichloropropane	MMDadod a	3/6/2025 2:55:33 PM	SAM	3/6/2025 3:00:07 PM	Peak Integrated by Software
VSTDICC020	VY021398.D	Ethyl Acetate	MMDadod a	3/6/2025 2:55:33 PM	SAM	3/6/2025 3:00:07 PM	Peak Integrated by Software
VSTDICCC050	VY021399.D	1,2,3-Trichloropropane	MMDadod a	3/6/2025 2:55:35 PM	SAM	3/6/2025 3:00:06 PM	Peak Integrated by Software
VSTDICC100	VY021400.D	1,2,3-Trichloropropane	MMDadod a	3/6/2025 2:55:49 PM	SAM	3/6/2025 3:00:09 PM	Peak Integrated by Software
VSTDICC150	VY021401.D	1,2,3-Trichloropropane	MMDadod a	3/6/2025 2:55:42 PM	SAM	3/6/2025 3:00:14 PM	Peak Integrated by Software
VSTDICC005	VY021403.D	1,2,3-Trichloropropane	MMDadod a	3/6/2025 2:55:43 PM	SAM	3/6/2025 3:00:17 PM	Peak Integrated by Software
VSTDICC005	VY021403.D	Ethyl Acetate	MMDadod a	3/6/2025 2:55:43 PM	SAM	3/6/2025 3:00:17 PM	Peak Integrated by Software
VSTDICV050	VY021404.D	1,2,3-Trichloropropane	MMDadod a	3/6/2025 2:55:47 PM	SAM	3/6/2025 3:00:16 PM	Peak Integrated by Software
VSTDICV050	VY021404.D	Methacrylonitrile	MMDadod a	3/6/2025 2:55:47 PM	SAM	3/6/2025 3:00:16 PM	Peak Integrated by Software



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

Manual Integration Report

Sequence:

VY030425

Instrument

MSVOA_y

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Manual Integration Report

Sequence:

vy032525

Instrument

MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VY021628.D	1,2,3-Trichloropropane	MMDadoda	3/26/2025 1:07:10 PM	SAM	3/26/2025 1:11:33 PM	Peak Integrated by Software
VY0325SBS01	VY021630.D	1,2,3-Trichloropropane	MMDadoda	3/26/2025 1:06:52 PM	SAM	3/26/2025 1:11:35 PM	Peak Integrated by Software
VY0325SBSD01	VY021631.D	1,2,3-Trichloropropane	MMDadoda	3/26/2025 1:06:50 PM	SAM	3/26/2025 1:11:36 PM	Peak Integrated by Software
VSTDCCC050	VY021641.D	1,2,3-Trichloropropane	MMDadoda	3/26/2025 1:06:50 PM	SAM	3/26/2025 1:11:40 PM	Peak Integrated by Software

Instrument ID: **MSVOA_Y**

Daily Analysis Runlog For Sequence/QC Batch ID # VY030425

Review By	Mahesh Dadoda	Review On	3/5/2025 12:14:39 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	3/5/2025 12:18:08 PM		
SubDirectory	VY030425	HP Acquire Method	MSVOA_Y	HP Processing Method	82y030425s.m
STD. NAME		STD REF.#			
Tune/Reschk		VP133216			
Initial Calibration Stds		VP133207,VP133208,VP133209,VP133210,VP133211,VP133212			
CCC		VP133214,VP133215			
Internal Standard/PEM		VP131783			
ICV/I.BLK		VP133213			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY021395.D	04 Mar 2025 08:52	SY/MD	Ok
2	VSTDIC005	VY021396.D	04 Mar 2025 09:23	SY/MD	Not Ok
3	VSTDIC010	VY021397.D	04 Mar 2025 09:46	SY/MD	Ok,M
4	VSTDIC020	VY021398.D	04 Mar 2025 10:09	SY/MD	Ok,M
5	VSTDIC050	VY021399.D	04 Mar 2025 10:30	SY/MD	Ok,M
6	VSTDIC100	VY021400.D	04 Mar 2025 11:06	SY/MD	Ok,M
7	VSTDIC150	VY021401.D	04 Mar 2025 11:29	SY/MD	Ok,M
8	VIBLK	VY021402.D	04 Mar 2025 11:52	SY/MD	Ok
9	VSTDIC005	VY021403.D	04 Mar 2025 12:15	SY/MD	Ok,M
10	VSTDICV050	VY021404.D	04 Mar 2025 13:12	SY/MD	Ok,M

M : Manual Integration

Instrument ID: **MSVOA_Y**

Daily Analysis Runlog For Sequence/QC Batch ID # VY032525

Review By	Mahesh Dadoda	Review On	3/26/2025 1:07:14 PM
Supervise By	Semsettin Yesilyurt	Supervise On	3/26/2025 1:11:30 PM
SubDirectory	VY032525	HP Acquire Method	HP Processing Method 82y030425s.m
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP133481		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP133482,VP133483 VP131783		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY021627.D	25 Mar 2025 09:17	SY/MD	Ok
2	VSTDCCC050	VY021628.D	25 Mar 2025 11:31	SY/MD	Ok,M
3	VY0325SBL01	VY021629.D	25 Mar 2025 12:04	SY/MD	Ok
4	VY0325SBS01	VY021630.D	25 Mar 2025 12:36	SY/MD	Ok,M
5	VY0325SBSD01	VY021631.D	25 Mar 2025 12:59	SY/MD	Ok,M
6	Q1636-03	VY021632.D	25 Mar 2025 13:49	SY/MD	ReRun
7	Q1636-07	VY021633.D	25 Mar 2025 14:12	SY/MD	Ok
8	Q1636-11	VY021634.D	25 Mar 2025 14:35	SY/MD	Ok
9	Q1636-15	VY021635.D	25 Mar 2025 14:59	SY/MD	Ok
10	Q1626-01	VY021636.D	25 Mar 2025 15:22	SY/MD	Ok
11	Q1636-19	VY021637.D	25 Mar 2025 15:46	SY/MD	Ok
12	Q1634-03	VY021638.D	25 Mar 2025 16:09	SY/MD	Ok
13	Q1634-01	VY021639.D	25 Mar 2025 16:33	SY/MD	Not Ok
14	Q1635-03	VY021640.D	25 Mar 2025 16:56	SY/MD	Ok
15	VSTDCCC050	VY021641.D	25 Mar 2025 17:19	SY/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QC Batch ID # VY030425

Review By	Mahesh Dadoda	Review On	3/5/2025 12:14:39 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	3/5/2025 12:18:08 PM		
SubDirectory	VY030425	HP Acquire Method	MSVOA_Y	HP Processing Method	82y030425s.m

STD. NAME	STD REF.#
Tune/Reschk	VP133216
Initial Calibration Stds	VP133207,VP133208,VP133209,VP133210,VP133211,VP133212
CCC	VP133214,VP133215
Internal Standard/PEM	VP131783
ICV/I.BLK	VP133213
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY021395.D	04 Mar 2025 08:52		SY/MD	Ok
2	VSTDICC005	VSTDICC005	VY021396.D	04 Mar 2025 09:23	not used	SY/MD	Not Ok
3	VSTDICC010	VSTDICC010	VY021397.D	04 Mar 2025 09:46		SY/MD	Ok,M
4	VSTDICC020	VSTDICC020	VY021398.D	04 Mar 2025 10:09	Comp.#11 is on Linear Regression	SY/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VY021399.D	04 Mar 2025 10:30	Comp.#95 is on Quadratic Regression	SY/MD	Ok,M
6	VSTDICC100	VSTDICC100	VY021400.D	04 Mar 2025 11:06		SY/MD	Ok,M
7	VSTDICC150	VSTDICC150	VY021401.D	04 Mar 2025 11:29	Method fail for comp.#13	SY/MD	Ok,M
8	VIBLK	VIBLK	VY021402.D	04 Mar 2025 11:52		SY/MD	Ok
9	VSTDICC005	VSTDICC005	VY021403.D	04 Mar 2025 12:15		SY/MD	Ok,M
10	VSTDICV050	ICVVY030425	VY021404.D	04 Mar 2025 13:12		SY/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QC Batch ID # VY032525

Review By	Maresh Dadoda	Review On	3/26/2025 1:07:14 PM
Supervise By	Semsettin Yesilyurt	Supervise On	3/26/2025 1:11:30 PM
SubDirectory	VY032525	HP Acquire Method	HP Processing Method 82y030425s.m

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	VP133481
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP133482,VP133483 VP131783

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY021627.D	25 Mar 2025 09:17		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VY021628.D	25 Mar 2025 11:31		SY/MD	Ok,M
3	VY0325SBL01	VY0325SBL01	VY021629.D	25 Mar 2025 12:04		SY/MD	Ok
4	VY0325SBS01	VY0325SBS01	VY021630.D	25 Mar 2025 12:36		SY/MD	Ok,M
5	VY0325SBSD01	VY0325SBSD01	VY021631.D	25 Mar 2025 12:59		SY/MD	Ok,M
6	Q1636-03	WC-1-VOC	VY021632.D	25 Mar 2025 13:49	vial-A Internal Standard Fail	SY/MD	ReRun
7	Q1636-07	WC-2-VOC	VY021633.D	25 Mar 2025 14:12	vial-A	SY/MD	Ok
8	Q1636-11	WC-3-VOC	VY021634.D	25 Mar 2025 14:35	vial-A	SY/MD	Ok
9	Q1636-15	WC-4-VOC	VY021635.D	25 Mar 2025 14:59	vial-A Internal Standard Fail	SY/MD	Ok
10	Q1626-01	CO-32-1	VY021636.D	25 Mar 2025 15:22	vial-A	SY/MD	Ok
11	Q1636-19	WC-5-VOC	VY021637.D	25 Mar 2025 15:46	vial-A	SY/MD	Ok
12	Q1634-03	HR-04-032425	VY021638.D	25 Mar 2025 16:09	vial-B Internal Standard Fail	SY/MD	Ok
13	Q1634-01	HR-01-032425	VY021639.D	25 Mar 2025 16:33	vial-B Not purge	SY/MD	Not Ok
14	Q1635-03	TP-2-VOC	VY021640.D	25 Mar 2025 16:56	vial-B	SY/MD	Ok
15	VSTDCCC050	VSTDCCC050EC	VY021641.D	25 Mar 2025 17:19		SY/MD	Ok,M

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 3/25/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 03/24/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:11
Out Date: 03/25/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135155

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q1623-05	SVOC-GPC-BLANK	1	1.00	1.00	2.00	2.00	100.0	
Q1623-06	PEST-GPC-BLANK	2	1.00	1.00	2.00	2.00	100.0	
Q1623-07	PEST-GPC-BLANK-SPIKE	3	1.00	1.00	2.00	2.00	100.0	
Q1623-08	PCB-GPC-BLANK	4	1.00	1.00	2.00	2.00	100.0	
Q1623-09	PCB-GPC-BLANK-SPIKE	5	1.00	1.00	2.00	2.00	100.0	
Q1623-10	SVOC-GPC2-BLANK	6	1.00	1.00	2.00	2.00	100.0	
Q1623-11	PEST-GPC2-BLANK	7	1.00	1.00	2.00	2.00	100.0	
Q1623-12	PEST-GPC2-BLANK-SPIKE	8	1.00	1.00	2.00	2.00	100.0	
Q1623-13	PCB-GPC2-BLANK	9	1.00	1.00	2.00	2.00	100.0	
Q1623-14	PCB-GPC2-BLANK-SPIKE	10	1.00	1.00	2.00	2.00	100.0	
Q1626-01	CO-32-1	11	1.14	10.23	11.37	10.84	94.8	
Q1630-01	VNJ-206	12	1.15	10.39	11.54	10.26	87.7	
Q1631-01	364	13	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
Q1631-04	359	14	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
Q1632-01	PIER-1-2	15	1.17	10.40	11.57	11.09	95.4	
Q1633-01	SLG	16	1.15	10.50	11.65	4.7	33.8	sludge sample
Q1634-01	HR-01-032425	17	1.16	9.45	10.61	9.77	91.1	
Q1634-02	HR-01-032425-E2	18	1.13	10.66	11.79	10.75	90.2	
Q1634-03	HR-04-032425	19	1.13	10.84	11.97	11.04	91.4	
Q1634-04	HR-04-032425-E2	20	1.12	10.69	11.81	10.82	90.7	
Q1635-01	TP-2	21	1.19	10.15	11.34	10.26	89.4	
Q1635-02	TP-2-EPH	22	1.17	10.23	11.4	10.29	89.1	
Q1635-03	TP-2-VOC	23	1.15	12.12	13.27	11.88	88.5	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

13355

WorkList Name : %1-032425

WorkList ID : 188470

Department : Wet-Chemistry

Date : 03-24-2025 08:43:57

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1623-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	F11	03/21/2025	Chemtech -SO
Q1623-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	F11	03/21/2025	Chemtech -SO
Q1623-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	F11	03/21/2025	Chemtech -SO
Q1623-08	PCB-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	F11	03/21/2025	Chemtech -SO
Q1623-09	PCB-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	F11	03/21/2025	Chemtech -SO
Q1623-10	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	F11	03/21/2025	Chemtech -SO
Q1623-11	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	F11	03/21/2025	Chemtech -SO
Q1623-12	PEST-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	F11	03/21/2025	Chemtech -SO
Q1623-13	PCB-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	F11	03/21/2025	Chemtech -SO
Q1623-14	PCB-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	F11	03/21/2025	Chemtech -SO
Q1626-01	CO-32-1	Solid	Percent Solids	Cool 4 deg C	CHEM02	F11	03/21/2025	Chemtech -SO
Q1630-01	VNJ-206	Solid	Percent Solids	Cool 4 deg C	WALS01	F11	03/21/2025	Chemtech -SO
Q1631-01	364	Solid	Percent Solids	Cool 4 deg C	PSEG03	H31	03/24/2025	Chemtech -SO
Q1631-04	359	Solid	Percent Solids	Cool 4 deg C	PSEG03	I41	03/24/2025	Chemtech -SO
Q1632-01	PIER-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	I41	03/24/2025	Chemtech -SO
Q1633-01	SLG	Solid	Percent Solids	Cool 4 deg C	PSEG03	I41	03/24/2025	Chemtech -SO
Q1634-01	HR-01-032425	Solid	Percent Solids	Cool 4 deg C	PSEG03	I31	03/24/2025	Chemtech -SO
Q1634-02	HR-01-032425-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	I31	03/24/2025	Chemtech -SO
Q1634-03	HR-04-032425	Solid	Percent Solids	Cool 4 deg C	PSEG05	I31	03/24/2025	Chemtech -SO
Q1634-04	HR-04-032425-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	I31	03/24/2025	Chemtech -SO
Q1635-01	TP-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	I41	03/24/2025	Chemtech -SO

Date/Time 03/24/25 13130

Raw Sample Received by: yd w/cj

Raw Sample Relinquished by: CP sm

Date/Time 03/24/25

Raw Sample Received by: CP sm

Raw Sample Relinquished by: yd w/cj

WORKLIST(Hardcopy Internal Chain)

WorkList Name : %1-032425

WorkList ID : 188470

Department : Wet-Chemistry

Date : 03-24-2025 08:43:57

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1635-02	TP-2-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	I41	03/24/2025	Chemtech -SO
Q1635-03	TP-2-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	I41	03/24/2025	Chemtech -SO

Date/Time 03/24/25 15:30

Raw Sample Received by: sf woc

Raw Sample Relinquished by: sf sm

Date/Time 03/24/25 17:10

Raw Sample Received by: sf sm

Raw Sample Relinquished by: sf all



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Walsh Construction Comp.

ADDRESS: 150 Clouet rd 11th Floor

CITY Little Falls STATE: NJ ZIP: 07424

ATTENTION: Benie Dion Goken

PHONE: 646-285-7234 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Construction of shafts

PROJECT NO.: 220084 LOCATION: Queens NY

PROJECT MANAGER: Jesse Sylvestri

e-mail: jsylvestri@walshgroup.com

PHONE: 201-681-9740 FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:

ADDRESS:

CITY STATE: ZIP:

ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) DAYS*

HARDCOPY (DATA PACKAGE): 18 DAYS*

EDD: 3 day DAYS*

*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☒ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)

☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP

☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B

+ Raw Data ☐ Other

☐ EDD FORMAT

1. TEL 506 2660
2. TEL 506 2660
3. TEL 506 2660
4. TEL 506 2660
5. TEL 506 2660
6. TEL 506 2660
7. TEL 506 2660
8. TEL 506 2660
9. TEL 506 2660
10. TEL 506 2660

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS	
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9		
1.	CO-32-1	S	✓	✓	3/21/25	1120	20	X	X	X	X	X	X	X	X	X	15-80-3, 1st, 2nd, 3rd, 4th, 5th, 6th, 7th, 8th, 9th, 10th	
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: <u>1200</u>	RECEIVED BY:	DATE/TIME: <u>1200</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP
1. <u>[Signature]</u>	<u>3/21/25</u>	1. <u>[Signature]</u>	<u>3-21-25</u>	Comments: <u>MCRA Characteristics - Ignitability, Corrosivity, Reactivity - Solid & Cyanide</u>
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:		Full analyte list in S.N.G. e-mail dated 3/18/25
2. <u>[Signature]</u>		2. <u>[Signature]</u>		<u>43-day TAT requested</u>
RELINQUISHED BY SAMPLER:	DATE/TIME: <u>1715</u>	RECEIVED BY:		
3. <u>[Signature]</u>	<u>3-21-25</u>	3. <u>[Signature]</u>		

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 : Q1626	WALS01	Order Date : 3/21/2025 12:59:00 PM	Project Mgr :
Client Name : Walsh Construction Compai		Project Name : Walsh CO-032 Sampling	Report Type : Level 2
Client Contact : Evelyne Benie Dion Gokan		Receive DateTime : 3/21/2025 12:00:00 AM	EDD Type : Excel NY
Invoice Name : Walsh Construction Compai		Purchase Order : 5:15 pm	Hard Copy Date :
Invoice Contact : Evelyne Benie Dion Gokan			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1626-01	CO-32-1	Solid	03/21/2025	11:20	VOC-TCLVOA-10		8260D		3 Bus. Days

Relinquished By : CS

Date / Time : 3-24-25 10:10

Received By : Sally

Date / Time : 03/24/25 10:10

Storage Area : VOA Refridgerator Room

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1626	WALS01	Order Date : 3/21/2025 12:59:00 PM	Project Mgr :
Client Name : Walsh Construction Compai		Project Name : Walsh CO-032 Sampling	Report Type : Level 2
Client Contact : Evelyne Benie Dion Gokan		Receive DateTime : 3/21/2025 12:00:00 AM	EDD Type : Excel NY
Invoice Name : Walsh Construction Compai		Purchase Order : 5:15 pm	Hard Copy Date :
Invoice Contact : Evelyne Benie Dion Gokan			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1626-01	CO-32-1	Solid	03/21/2025	11:20	Gasoline Range Organics		8015D		3 Bus. Days

Relinquished By :

Date / Time : 3-24-25 1010

Received By :

Date / Time : 03/24/25 10:10

Storage Area : VOA Refridgerator Room

Page # 6
1322