

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022125\
 Data File : VX045015.D
 Acq On : 21 Feb 2025 13:41
 Operator : JC/MD
 Sample : VX0221WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/24/2025
 Supervised By : Mahesh Dadoda 02/24/2025

Quant Time: Feb 22 01:13:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 01:06:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.885	128	18256	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.751	114	100301	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	92768	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.940	65	52697	29.720	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.067%		
60) 4-Bromofluorobenzene	11.079	95	51386	29.635	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	98.800%		
63) Toluene-d8	8.641	98	155135	30.228	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	100.767%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	30317	19.700	ug/l	93
3) Chloromethane	1.294	50	35661	19.347	ug/l	99
4) Vinyl Chloride	1.374	62	34181	19.218	ug/l	99
5) Bromomethane	1.593	94	12263	19.807	ug/l	95
6) Chloroethane	1.666	64	21729	22.556	ug/l	92
7) Trichlorofluoromethane	1.873	101	46814	19.583	ug/l	97
8) Diethyl Ether	2.130	74	17455	19.298	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.319	101	28531	20.095	ug/l	97
10) 1,1-Dichloroethene	2.312	96	27222	19.629	ug/l	96
11) Methyl Iodide	2.447	142	28086	17.893	ug/l	96
12) Methyl Acetate	2.697	43	31701	19.685	ug/l	97
13) Acrolein	2.233	56	32563	100.878	ug/l	98
14) Acrylonitrile	3.056	53	77615	98.669	ug/l	99
15) Acetone	2.380	58	25331	117.416	ug/l	93
16) Carbon Disulfide	2.501	76	75184	19.113	ug/l	97
17) Allyl chloride	2.654	41	50275	19.383	ug/l	99
18) Methylene Chloride	2.782	84	30281	19.413	ug/l	96
19) trans-1,2-Dichloroethene	3.081	96	27311	19.465	ug/l	94
20) Diisopropyl ether	3.751	45	98247	19.711	ug/l	92
21) 1,1-Dichloroethane	3.599	63	52481	18.932	ug/l	99
22) cis-1,2-Dichloroethene	4.477	96	32479	19.317	ug/l	98
23) tert-Butyl Alcohol	2.977	59	27200	99.049	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	86289	19.064	ug/l	100
25) Chloroform	5.080	83	51600	19.271	ug/l	95
26) Cyclohexane	5.458	56	51227	20.020	ug/l #	99
29) 1,1-Dichloropropene	5.684	75	37069	20.091	ug/l	99
30) 2-Butanone	4.550	43	112362	105.435	ug/l	100
31) 2,2-Dichloropropane	4.465	77	40198	19.268	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	44099	19.726	ug/l	99
33) Carbon Tetrachloride	5.665	117	37233	19.735	ug/l	98
34) Benzene	6.025	78	115403	19.945	ug/l	98
35) Methacrylonitrile	4.910	41	22078	19.360	ug/l	93
36) 1,2-Dichloroethane	6.080	62	39270	19.824	ug/l	99
37) Trichloroethene	7.116	130	26992	19.940	ug/l	94
38) Methylcyclohexane	7.372	83	49109	19.823	ug/l	99
39) 1,2-Dichloropropane	7.421	63	28495	19.809	ug/l	98
40) Dibromomethane	7.574	93	20463	19.824	ug/l	98
41) Bromodichloromethane	7.818	83	39398	19.203	ug/l	99
42) Vinyl Acetate	3.715	43	405154	97.970	ug/l	100

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Manual Integrations
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 QLast Update : Sat Feb 22 01:06:36 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.708	43	40449	20.239	ug/l	99
44) Isopropyl Acetate	6.330	43	64968	19.751	ug/l	97
45) 1,4-Dioxane	7.659	88	13681	400.101	ug/l	97
46) Methyl methacrylate	7.690	41	31134	19.303	ug/l	99
47) n-amyl Acetate	10.841	43	56929	19.945	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	37253	18.838	ug/l	97
49) cis-1,3-Dichloropropene	8.360	75	44071	19.687	ug/l	98
50) 1,1,2-Trichloroethane	9.147	97	27405	20.354	ug/l	98
51) Ethyl methacrylate	9.116	69	42700	20.164	ug/l	97
52) 1,3-Dichloropropane	9.305	76	46968	19.908	ug/l	96
53) Dibromochloromethane	9.518	129	29076	19.525	ug/l	94
54) 1,2-Dibromoethane	9.604	107	27344	19.999	ug/l	97
55) 2-Chloroethyl vinyl ether	8.232	63	111604	102.629	ug/l	98
56) Bromoform	10.799	173	17967	19.254	ug/l	98
58) 4-Methyl-2-Pentanone	8.567	43	214176	101.492	ug/l	100
59) 2-Hexanone	9.427	43	159263	104.412	ug/l	99
61) Tetrachloroethene	9.268	164	22706	19.877	ug/l	99
62) Toluene	8.714	91	121486	19.769	ug/l	100
64) Chlorobenzene	10.073	112	76212	20.013	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	24769	19.712	ug/l	99
66) Ethyl Benzene	10.189	91	134942	20.057	ug/l	97
67) m/p-Xylenes	10.299	106	102236	40.785	ug/l	100
68) o-Xylene	10.640	106	49611	20.171	ug/l	99
69) Styrene	10.652	104	80872	19.688	ug/l	99
70) Isopropylbenzene	10.957	105	129199	20.356	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.207	83	42889	20.550	ug/l	97
72) 1,2,3-Trichloropropane	11.238	75	33307m	19.403	ug/l	
73) Bromobenzene	11.195	156	29294	20.049	ug/l	98
74) n-propylbenzene	11.299	91	150510	19.927	ug/l	99
75) 2-Chlorotoluene	11.360	91	92510	20.260	ug/l	99
76) 1,3,5-Trimethylbenzene	11.445	105	107064	20.447	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	10141	17.559	ug/l	95
78) 4-Chlorotoluene	11.451	91	100894	19.822	ug/l	99
79) tert-butylbenzene	11.713	119	107098	20.300	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	107525	20.500	ug/l	98
81) sec-Butylbenzene	11.890	105	136383	20.598	ug/l	100
82) p-Isopropyltoluene	12.006	119	110175	20.536	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	54888	20.190	ug/l	100
84) 1,4-Dichlorobenzene	12.036	146	54160	20.206	ug/l	99
85) n-Butylbenzene	12.329	91	98797	20.166	ug/l	99
86) Hexachloroethane	12.536	117	18124	19.155	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	54478	20.424	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	7721	19.107	ug/l	99
89) 1,2,4-Trichlorobenzene	13.585	180	31982	19.783	ug/l	97
90) Hexachlorobutadiene	13.725	225	13446	20.395	ug/l	98
91) Naphthalene	13.774	128	115009	20.175	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	32741	19.672	ug/l	98

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

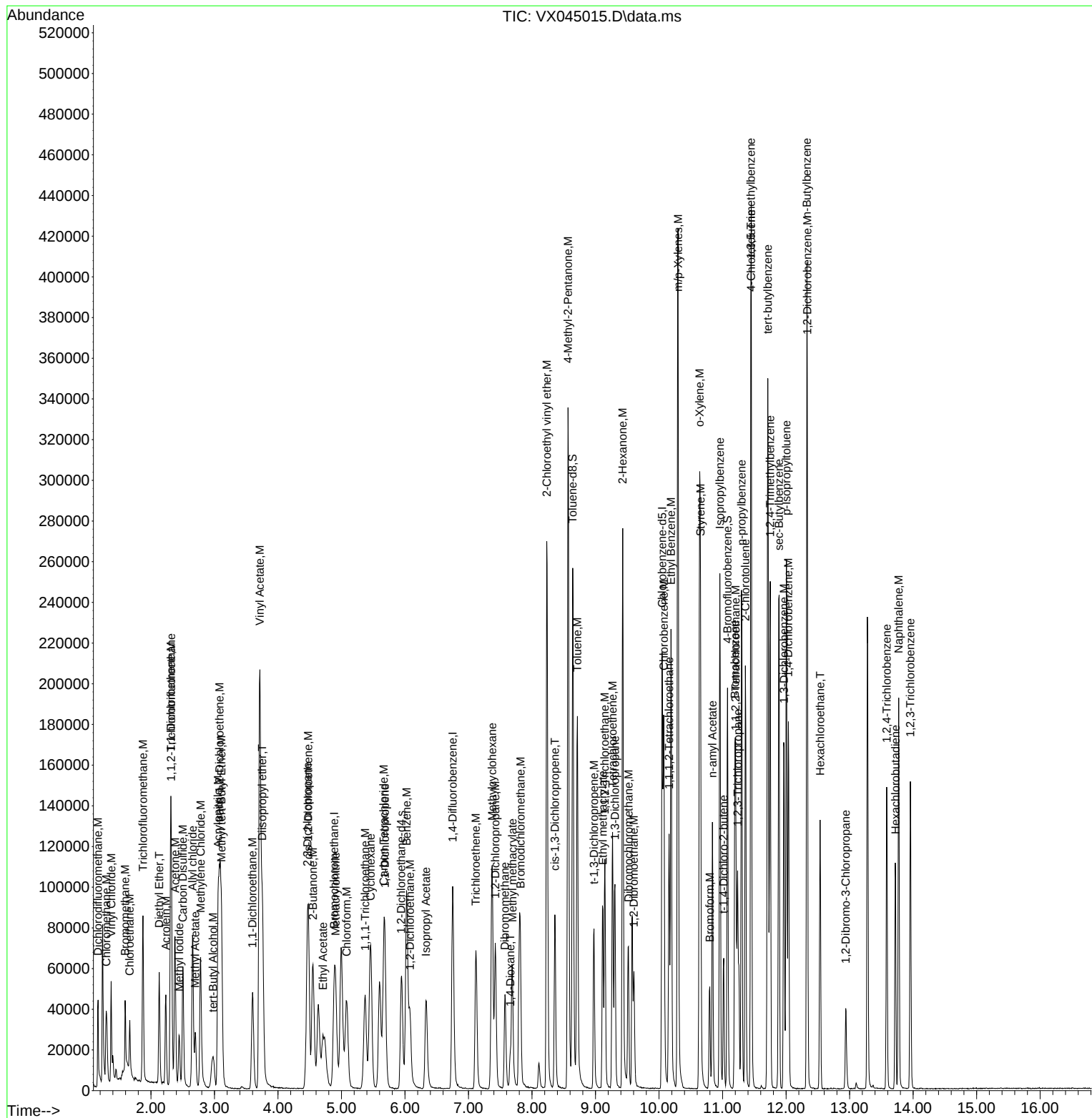
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Data File : VX045015.D
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ALS Vial : 9 Sample Multiplier: 1

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Feb 22 01:06:36 2025
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Manual Integrations
APPROVED

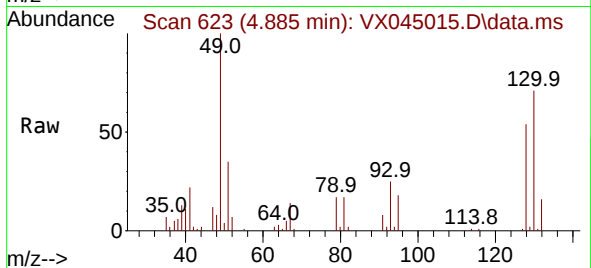
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025





#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.885 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VX045015.D
 Acq: 21 Feb 2025 13:41

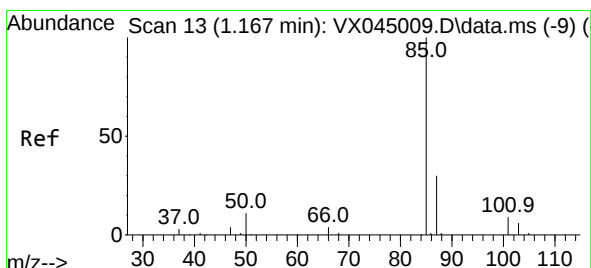
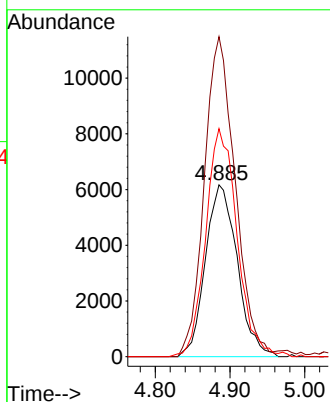
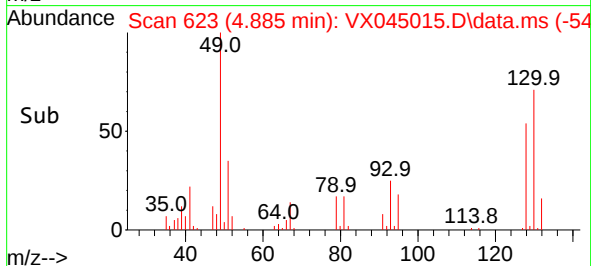
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBS01



Tgt Ion:128 Resp: 18250
 Ion Ratio Lower Upper
 128 100
 49 180.6 0.0 449.7
 130 130.5 0.0 312.7

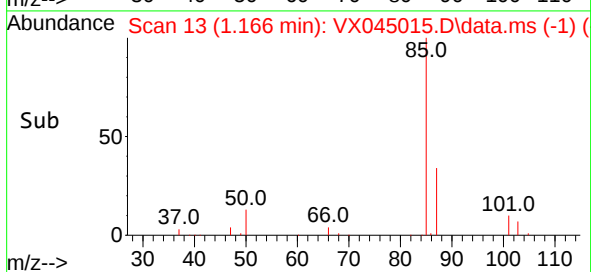
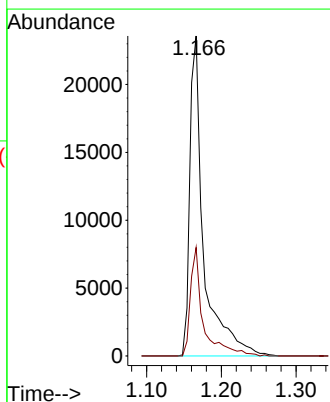
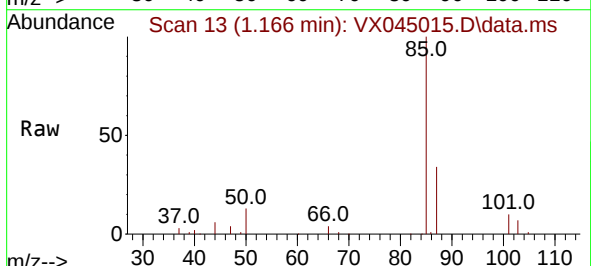
Manual Integrations
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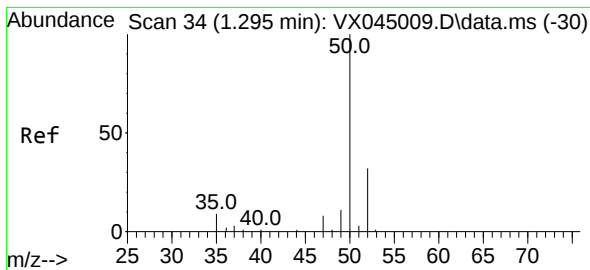
Reviewed By :John Carlone 02/24/2025
 Supervised By :Mahesh Dadoda 02/24/2025



#2
 Dichlorodifluoromethane
 Concen: 19.700 ug/l
 RT: 1.166 min Scan# 13
 Delta R.T. -0.000 min
 Lab File: VX045015.D
 Acq: 21 Feb 2025 13:41

Tgt Ion: 85 Resp: 30317
 Ion Ratio Lower Upper
 85 100
 87 33.9 15.1 45.3





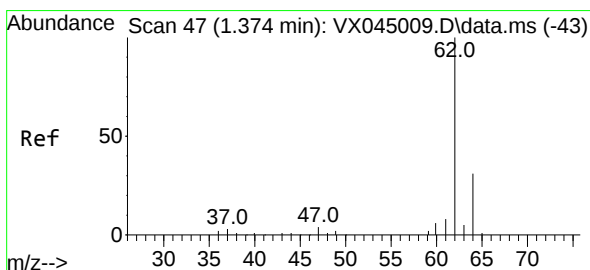
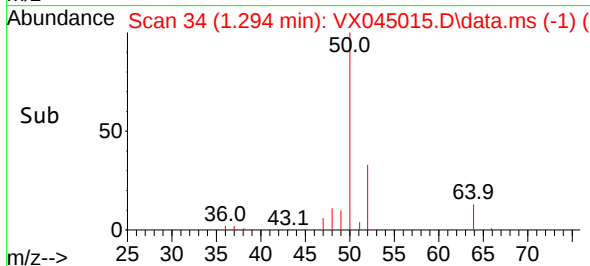
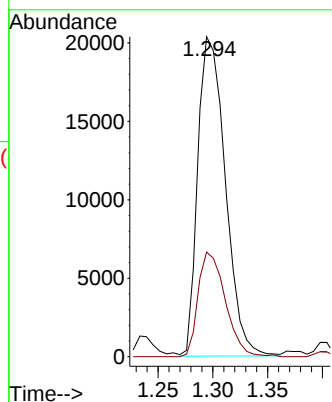
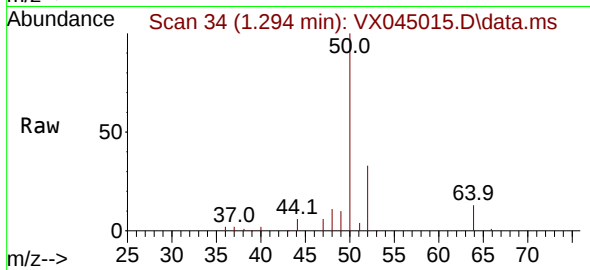
#3
Chloromethane
Concen: 19.347 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tgt Ion: 50 Resp: 3566
Ion Ratio Lower Upper
50 100
52 32.9 25.7 38.5

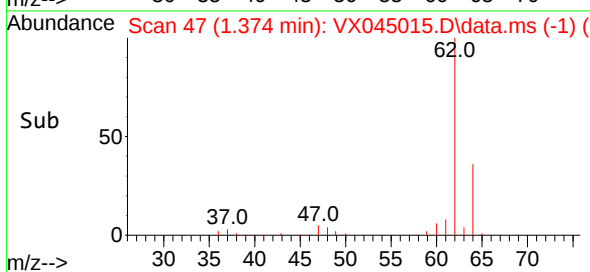
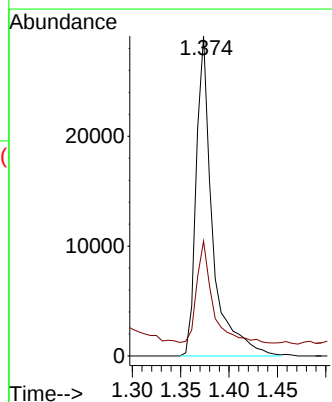
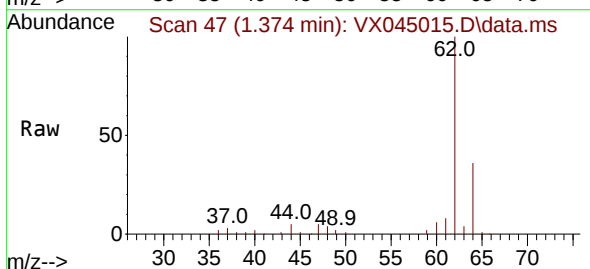
Manual Integrations
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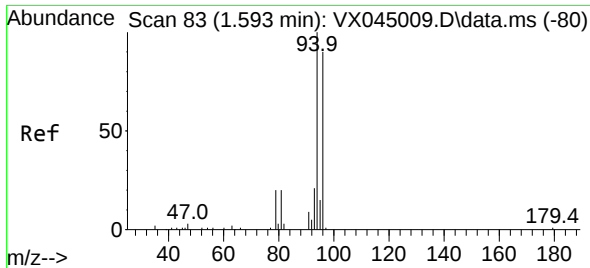
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#4
Vinyl Chloride
Concen: 19.218 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

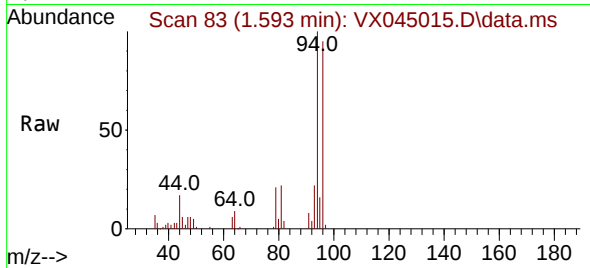
Tgt Ion: 62 Resp: 34181
Ion Ratio Lower Upper
62 100
64 31.8 25.1 37.7





#5
Bromomethane
Concen: 19.807 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

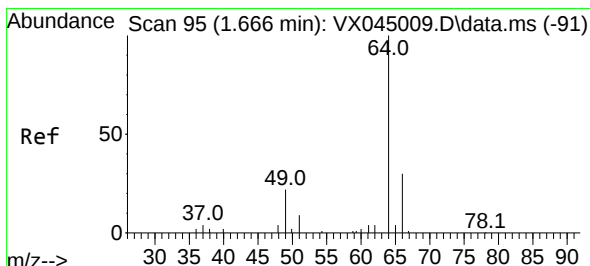
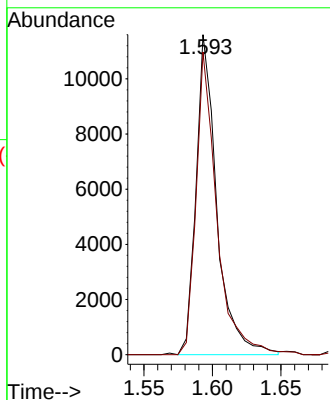
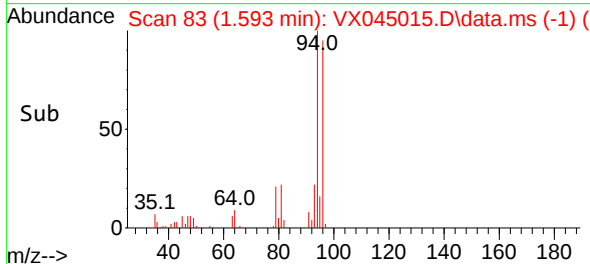
Instrument :
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ClientSampleId :
VX0221WBS01



Tgt Ion: 94 Resp: 1226
Ion Ratio Lower Upper
94 100
96 94.6 72.2 108.4

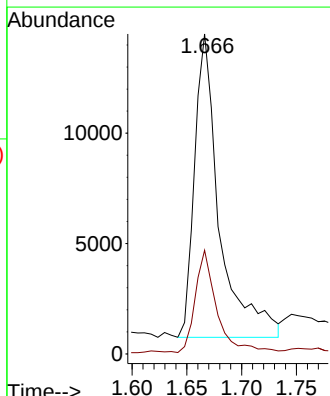
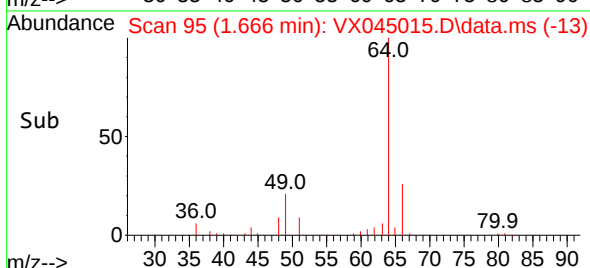
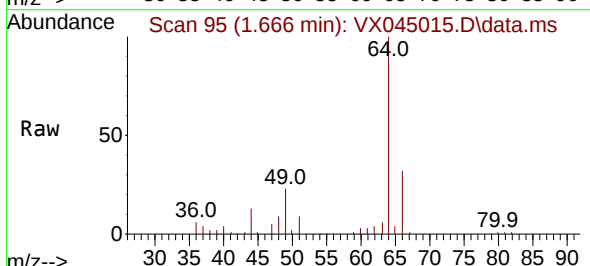
Manual Integrations
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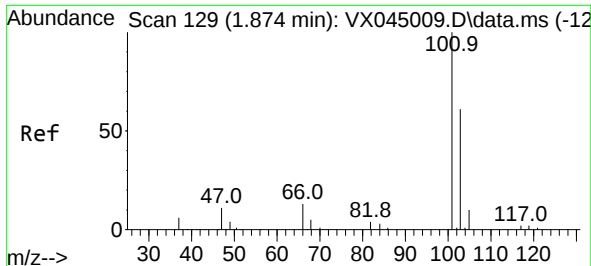
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#6
Chloroethane
Concen: 22.556 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

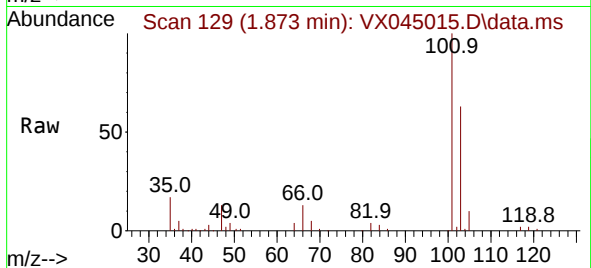
Tgt Ion: 64 Resp: 21729
Ion Ratio Lower Upper
64 100
66 33.7 23.7 35.5





#7
Trichlorofluoromethane
Concen: 19.583 ug/l
RT: 1.873 min Scan# 129
Delta R.T. -0.000 min
Lab File: VX045015.D
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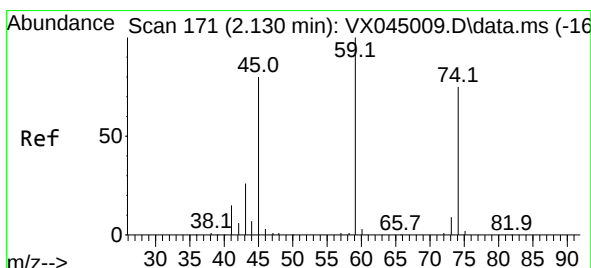
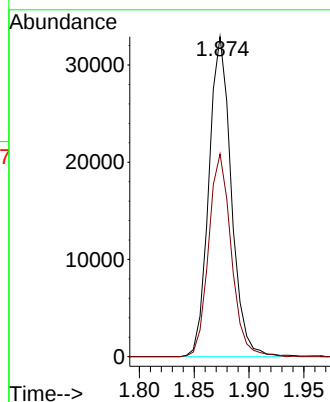
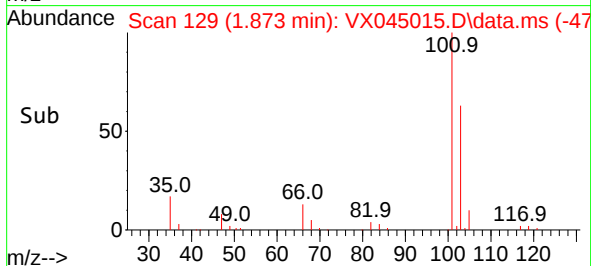
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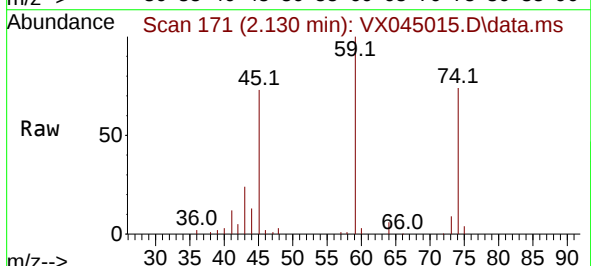
Tgt Ion:101 Resp: 46814
Ion Ratio Lower Upper
101 100
103 63.3 48.8 73.2

Manual Integrations
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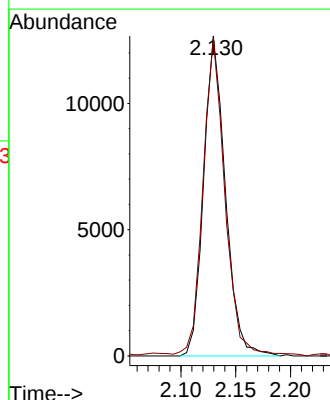
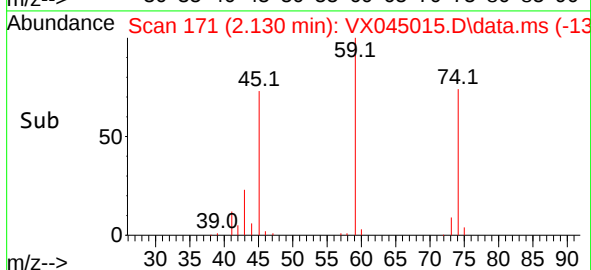
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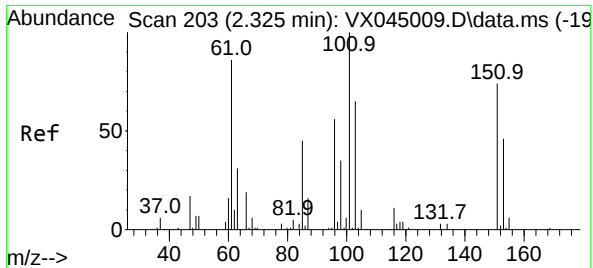


#8
Diethyl Ether
Concen: 19.298 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 17455
Ion Ratio Lower Upper
74 100
45 97.9 20.8 186.8





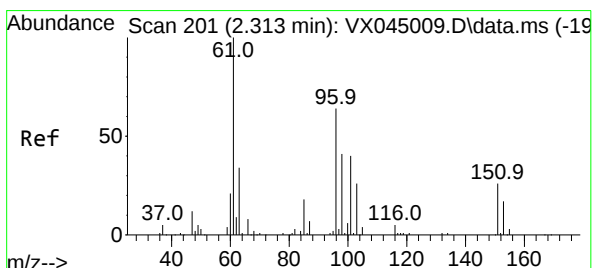
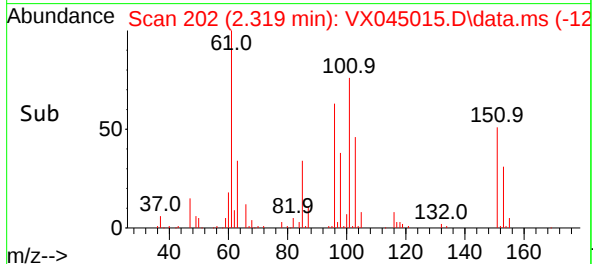
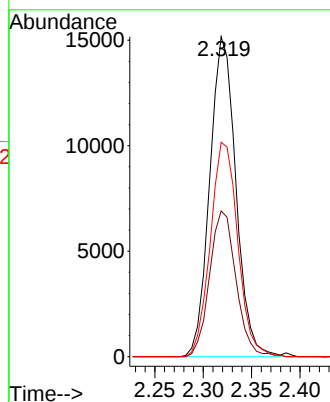
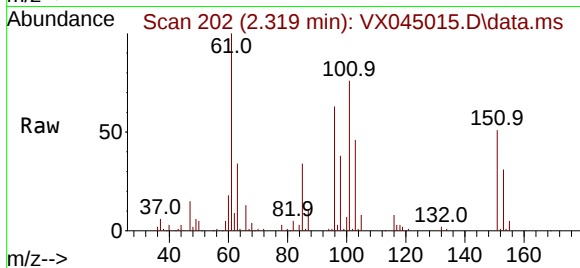
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1,1,2-Trichlorotrifluoroethane
Concen: 20.095 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045015.D
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Instrument :
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Tgt Ion:101 Resp: 2853
Ion Ratio Lower Upper
101 100
85 46.0 0.0 90.6
151 70.2 0.0 147.6

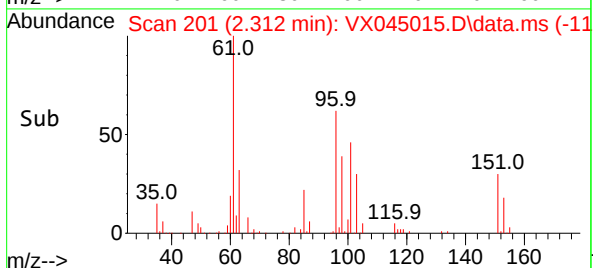
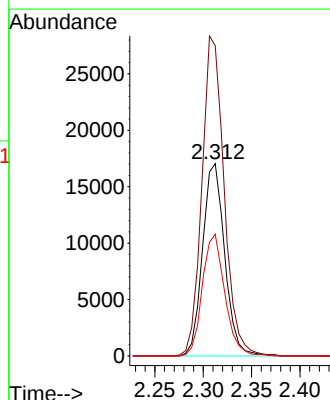
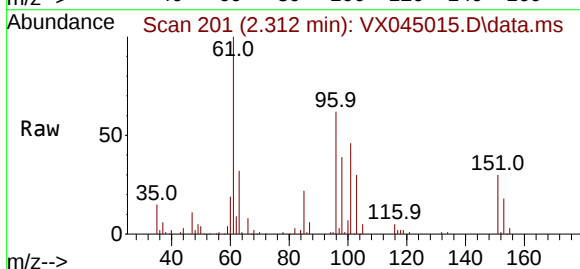
Manual Integrations
APPROVED

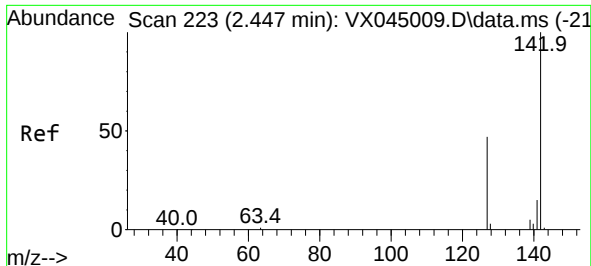
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#10
1,1-Dichloroethene
Concen: 19.629 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

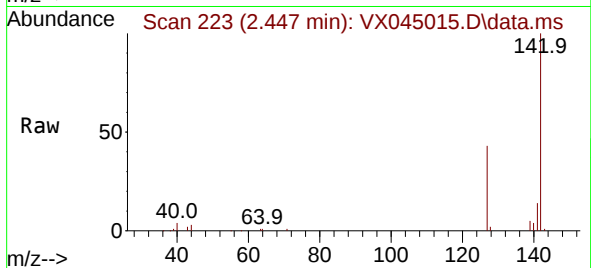
Tgt Ion: 96 Resp: 27222
Ion Ratio Lower Upper
96 100
61 161.3 124.2 186.2
98 63.3 51.1 76.7





#11
Methyl Iodide
Concen: 17.893 ug/l
RT: 2.447 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

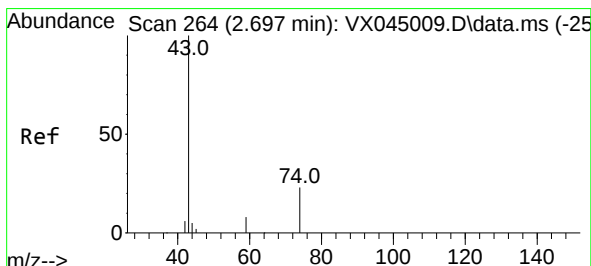
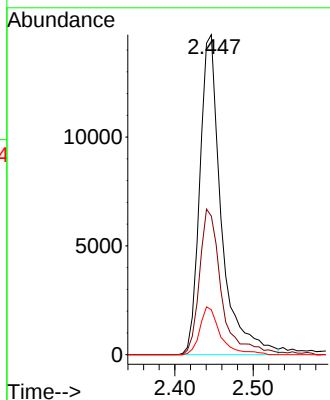
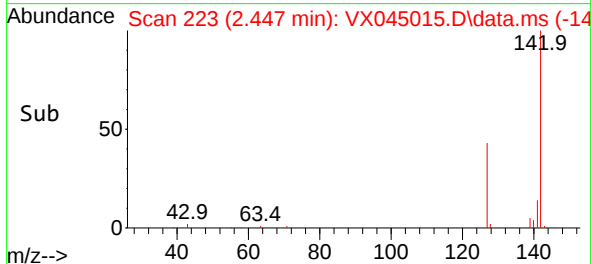
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



Tgt Ion:142 Resp: 2808
Ion Ratio Lower Upper
142 100
127 43.3 23.3 69.9
141 14.2 7.5 22.6

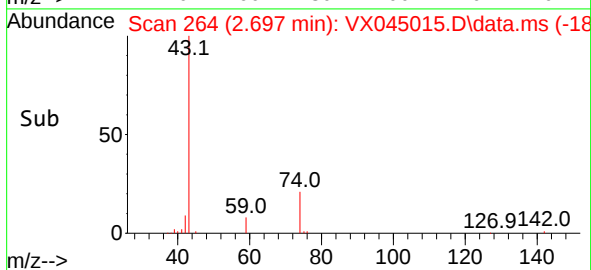
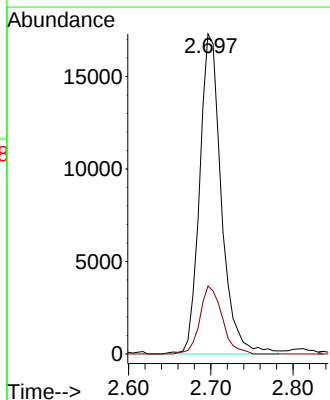
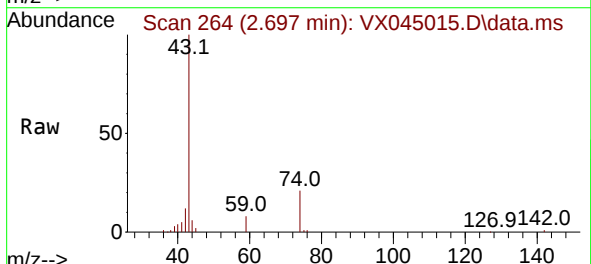
Manual Integrations
APPROVED

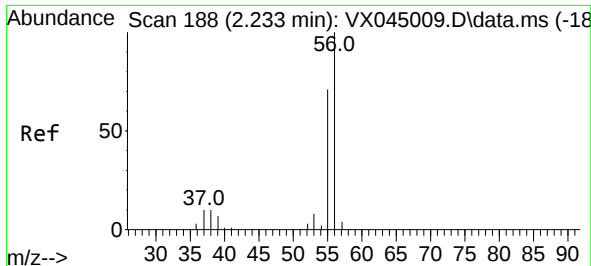
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#12
Methyl Acetate
Concen: 19.685 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

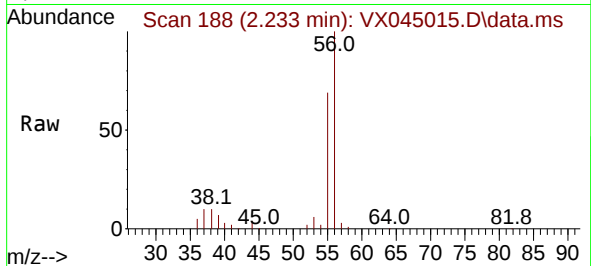
Tgt Ion: 43 Resp: 31701
Ion Ratio Lower Upper
43 100
74 21.2 17.9 26.9





#13
Acrolein
Concen: 100.878 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

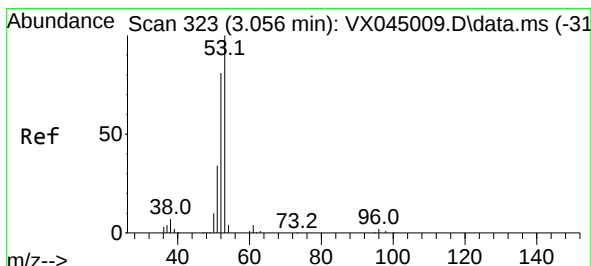
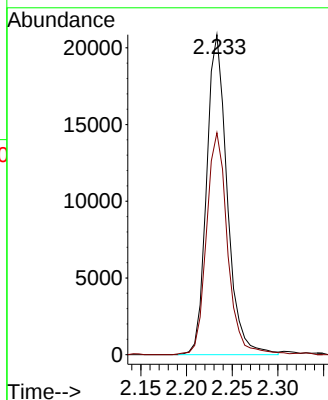
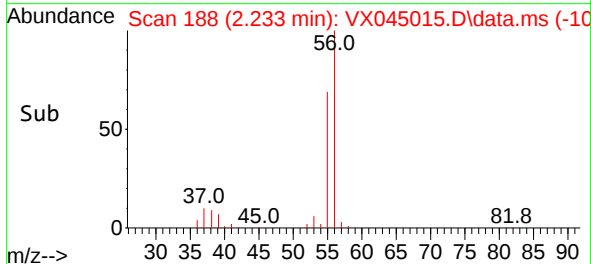
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



Tgt Ion: 56 Resp: 3256
Ion Ratio Lower Upper
56 100
55 71.1 55.4 83.2

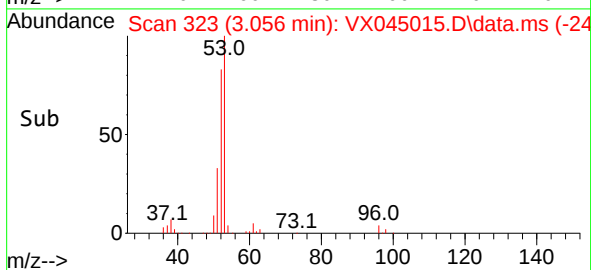
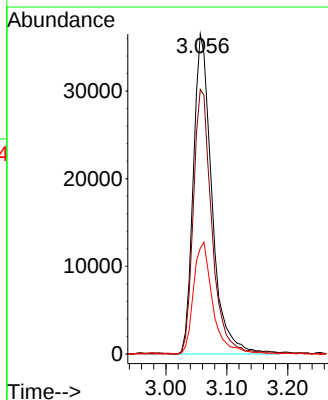
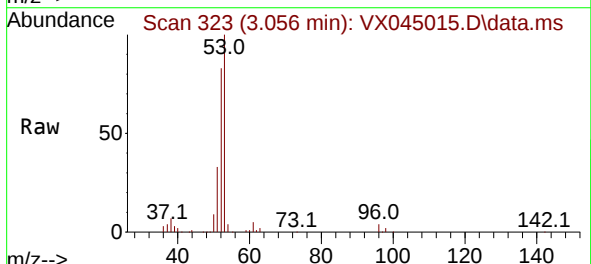
Manual Integrations
APPROVED

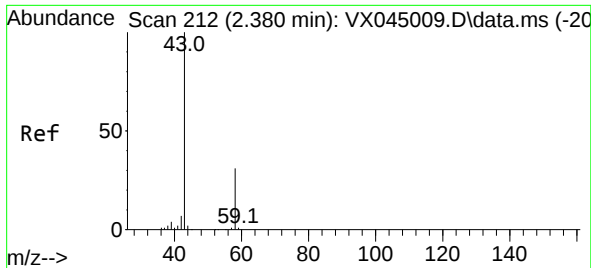
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#14
Acrylonitrile
Concen: 98.669 ug/l
RT: 3.056 min Scan# 323
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

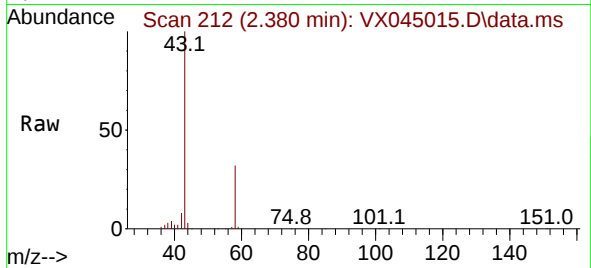
Tgt Ion: 53 Resp: 77615
Ion Ratio Lower Upper
53 100
52 81.2 40.9 122.8
51 36.0 18.0 54.0





#15
Acetone
Concen: 117.416 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

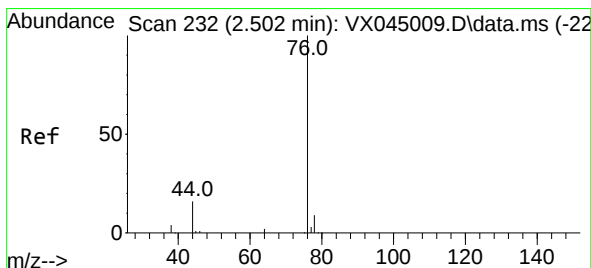
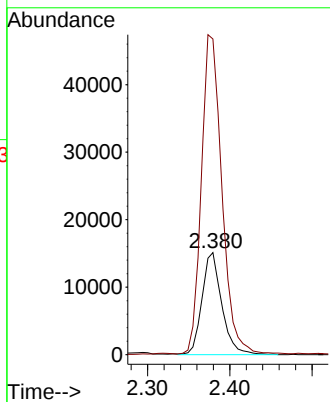
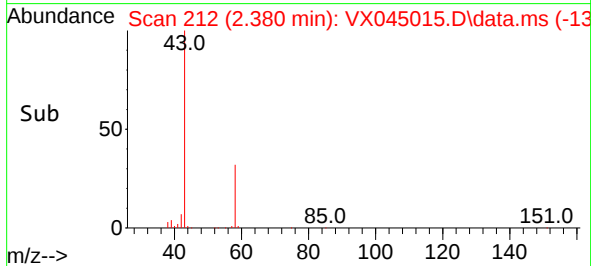
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



Tgt Ion: 58 Resp: 2533
Ion Ratio Lower Upper
58 100
43 308.4 258.6 388.0

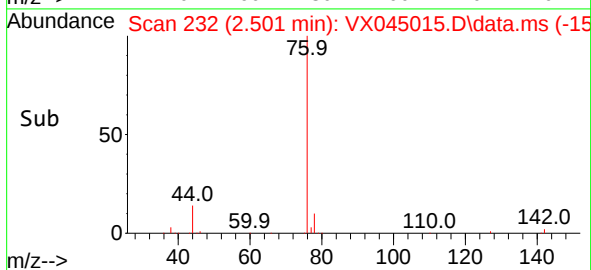
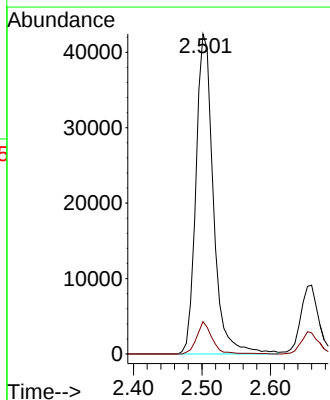
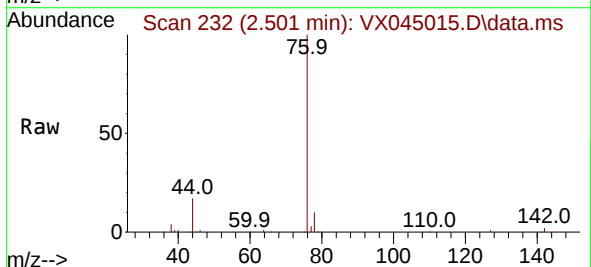
Manual Integrations
APPROVED

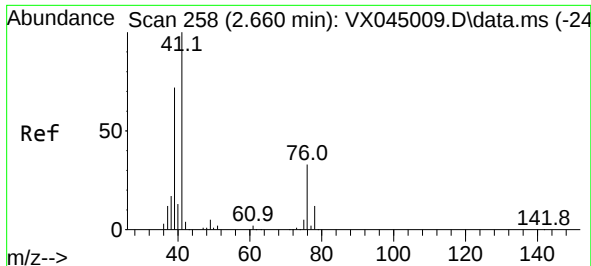
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#16
Carbon Disulfide
Concen: 19.113 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

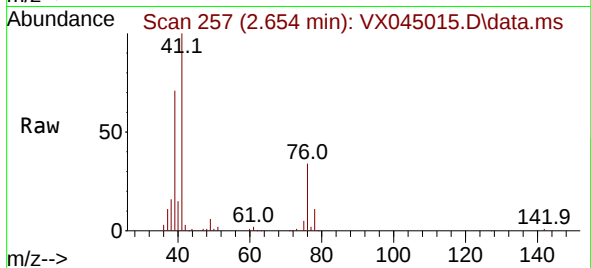
Tgt Ion: 76 Resp: 75184
Ion Ratio Lower Upper
76 100
78 10.1 7.3 10.9





#17
 Allyl chloride
 Concen: 19.383 ug/l
 RT: 2.654 min Scan# 257
 Delta R.T. -0.006 min
 Lab File: VX045015.D
 Acq: 21 Feb 2025 13:41

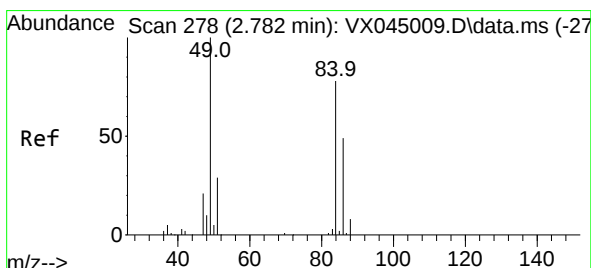
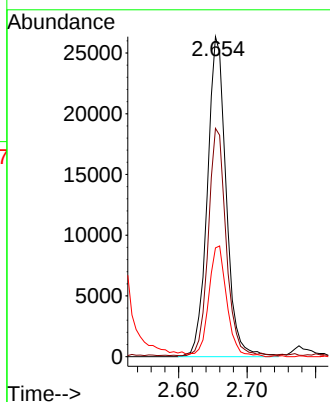
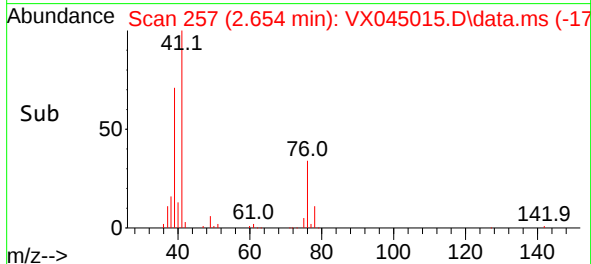
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBS01



Tgt Ion: 41 Resp: 50275
 Ion Ratio Lower Upper
 41 100
 39 71.0 36.2 108.6
 76 33.8 17.2 51.5

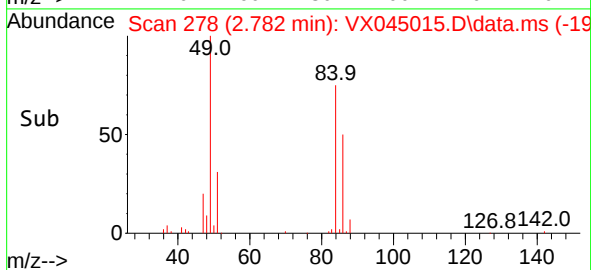
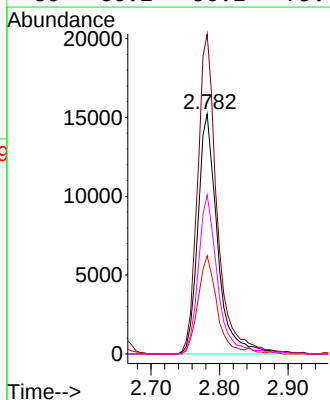
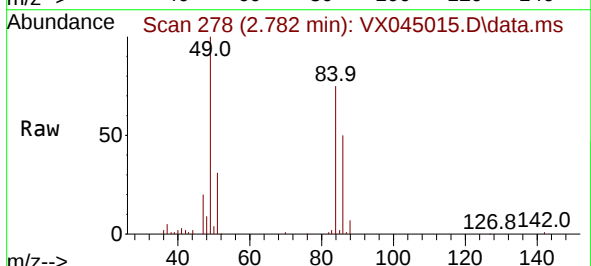
Manual Integrations
 APPROVED

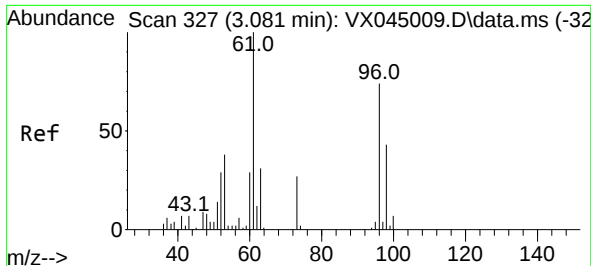
Reviewed By :John Carlone 02/24/2025
 Supervised By :Mahesh Dadoda 02/24/2025



#18
 Methylene Chloride
 Concen: 19.413 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. -0.000 min
 Lab File: VX045015.D
 Acq: 21 Feb 2025 13:41

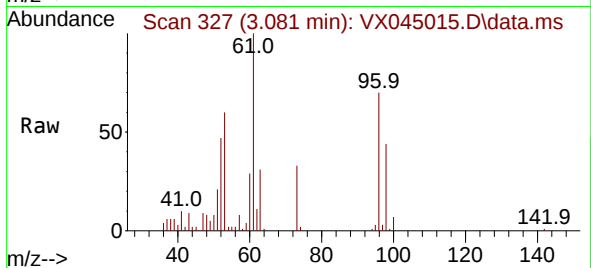
Tgt Ion: 84 Resp: 30281
 Ion Ratio Lower Upper
 84 100
 49 133.3 102.8 154.2
 51 40.9 30.1 45.1
 86 66.2 50.2 75.4





#19
trans-1,2-Dichloroethene
Concen: 19.465 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

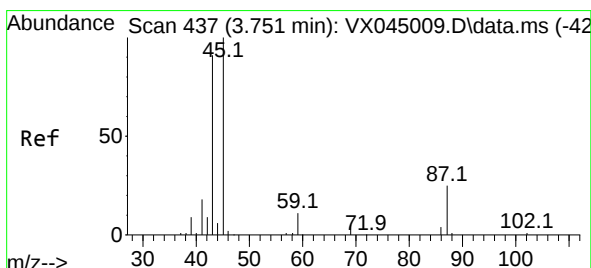
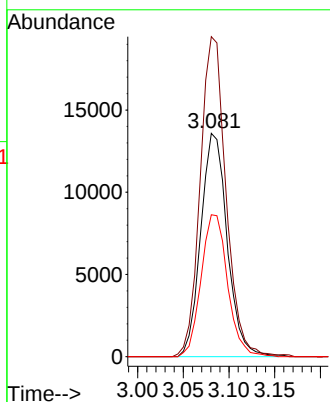
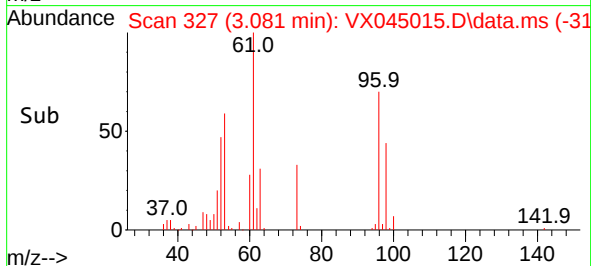
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



Tgt Ion: 96 Resp: 2731
Ion Ratio Lower Upper
96 100
61 142.5 108.6 163.0
98 63.5 46.5 69.7

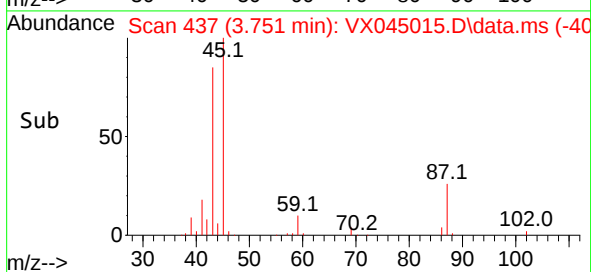
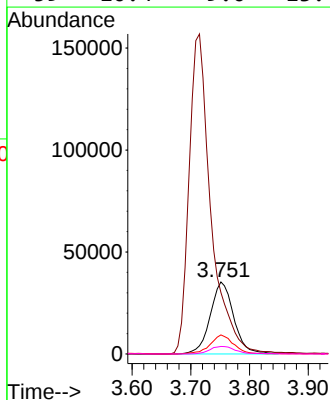
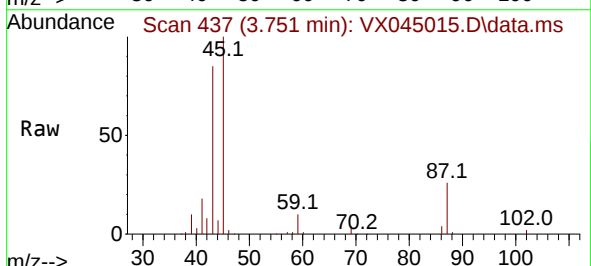
Manual Integrations
APPROVED

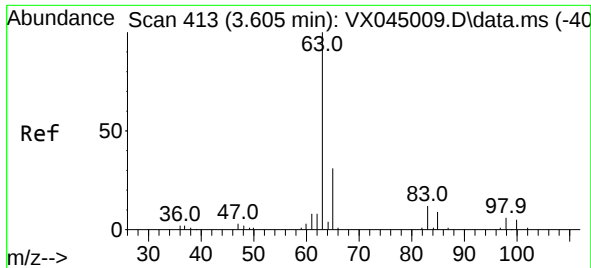
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#20
Diisopropyl ether
Concen: 19.711 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

Tgt Ion: 45 Resp: 98247
Ion Ratio Lower Upper
45 100
43 83.0 74.4 111.6
87 26.4 19.8 29.8
59 10.4 9.0 13.4





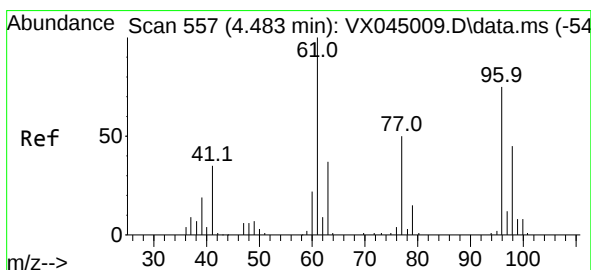
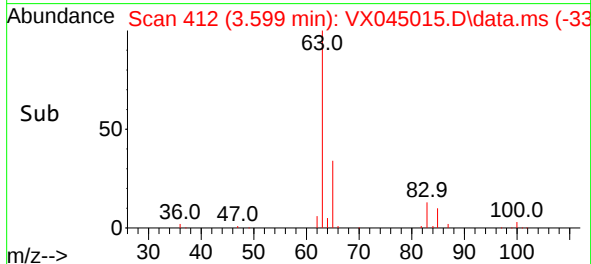
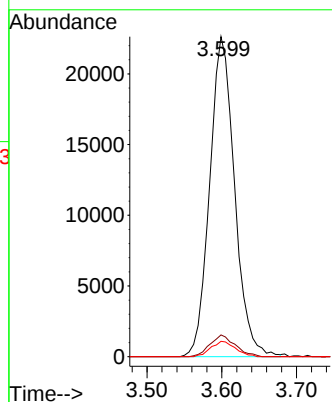
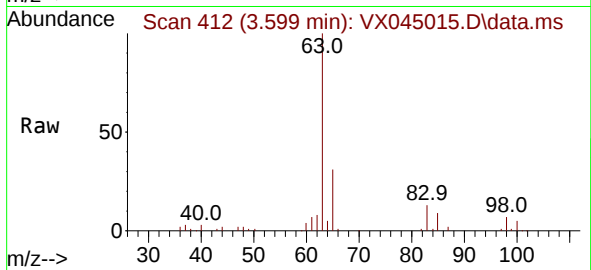
#21
1,1-Dichloroethane
Concen: 18.932 ug/l
RT: 3.599 min Scan# 413
Delta R.T. -0.006 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tgt Ion: 63 Resp: 5248
Ion Ratio Lower Upper
63 100
98 6.8 3.3 9.8
100 4.8 2.4 7.1

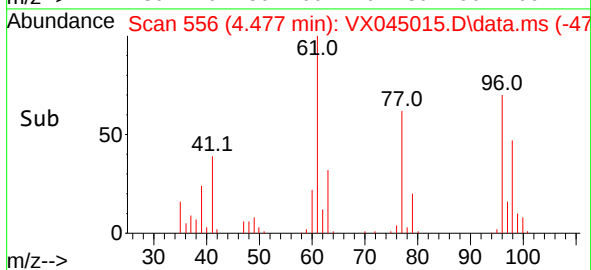
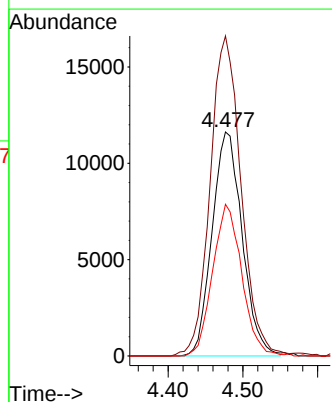
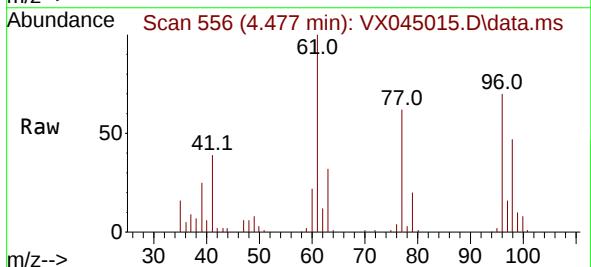
Manual Integrations
APPROVED

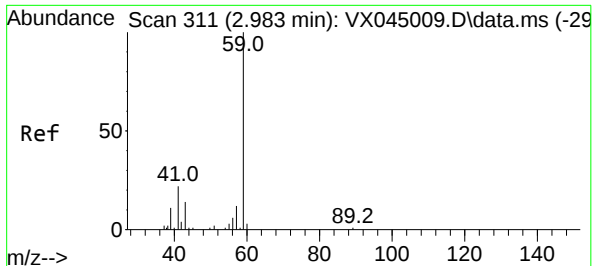
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#22
cis-1,2-Dichloroethene
Concen: 19.317 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.006 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

Tgt Ion: 96 Resp: 32479
Ion Ratio Lower Upper
96 100
61 146.8 118.9 178.3
98 65.5 50.7 76.1





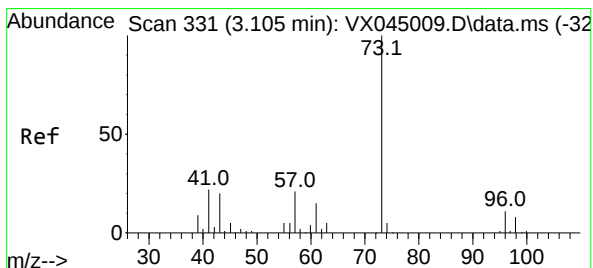
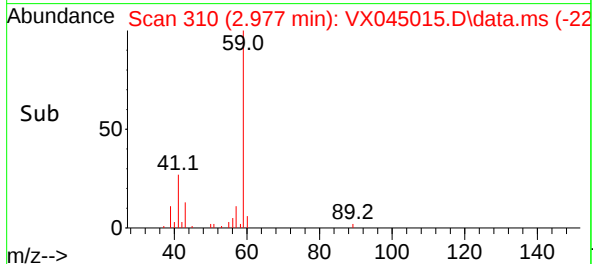
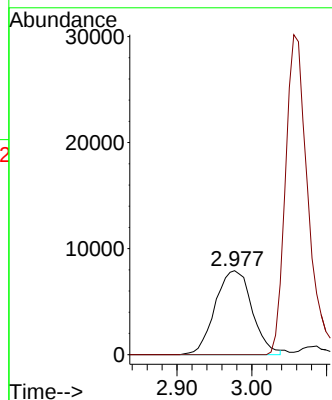
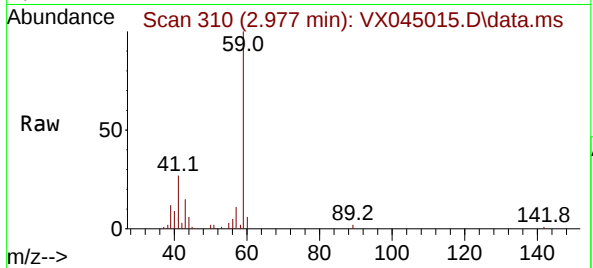
#23
tert-Butyl Alcohol
Concen: 99.049 ug/l
RT: 2.977 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tgt Ion: 59 Resp: 27200
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

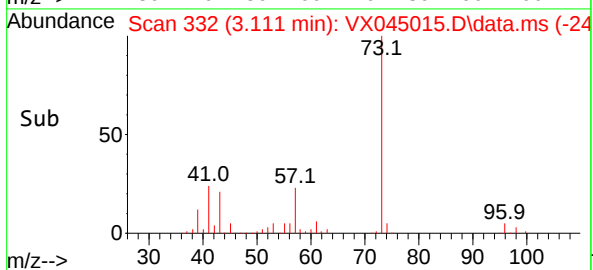
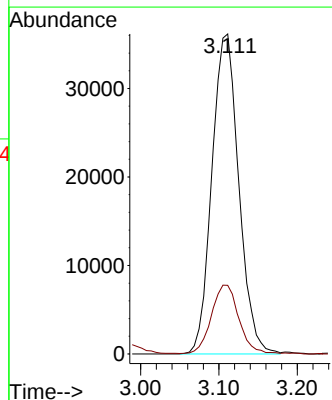
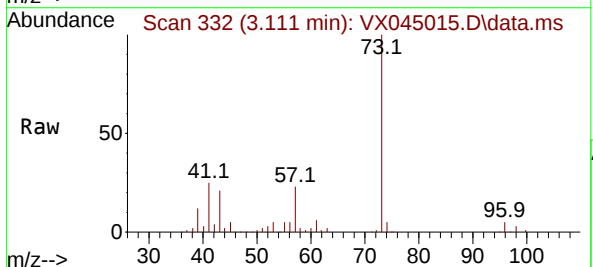
Manual Integrations
APPROVED

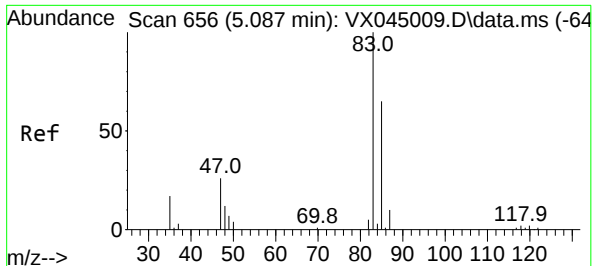
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#24
Methyl tert-Butyl Ether
Concen: 19.064 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.006 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

Tgt Ion: 73 Resp: 86289
Ion Ratio Lower Upper
73 100
43 21.5 17.4 26.0





#25

Chloroform

Concen: 19.271 ug/l

RT: 5.080 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX045015.D

Acq: 21 Feb 2025 13:41

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBS01

Tgt Ion: 83 Resp: 51600

Ion Ratio Lower Upper

83 100

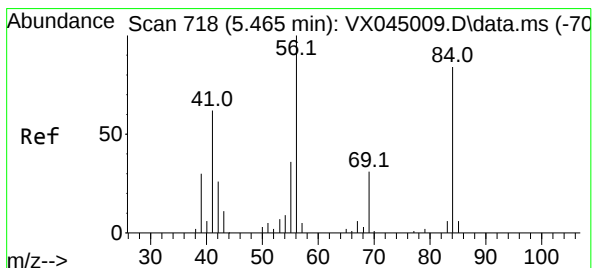
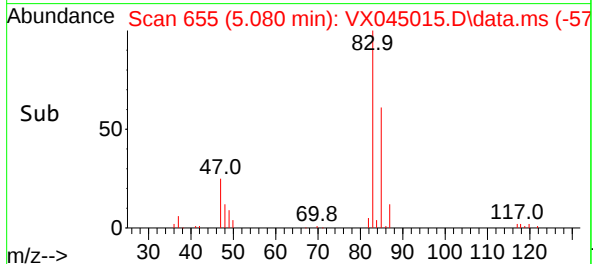
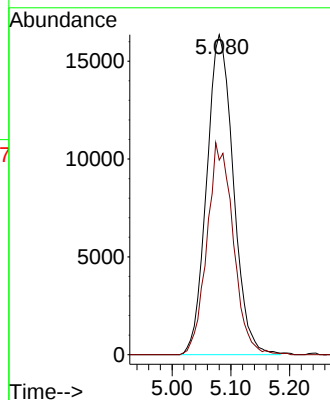
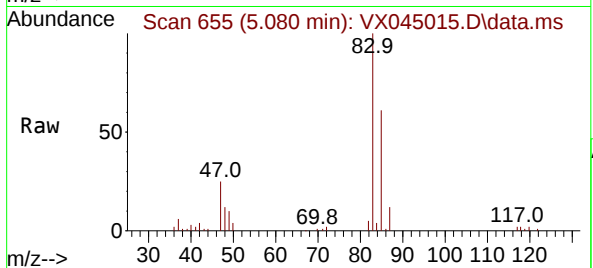
85 60.8 51.7 77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#26

Cyclohexane

Concen: 20.020 ug/l

RT: 5.458 min Scan# 717

Delta R.T. -0.006 min

Lab File: VX045015.D

Acq: 21 Feb 2025 13:41

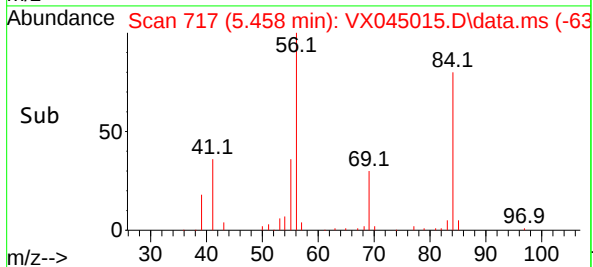
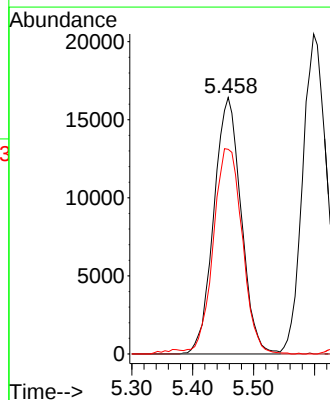
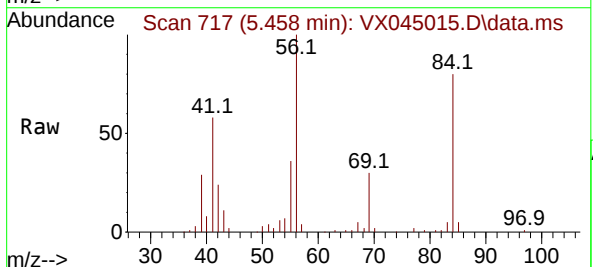
Tgt Ion: 56 Resp: 51227

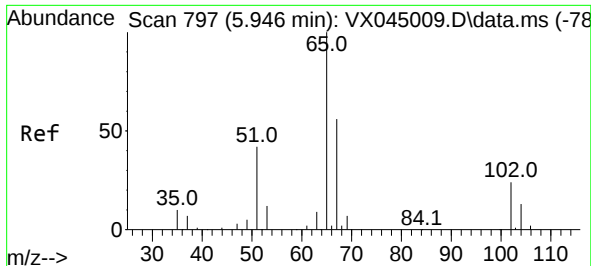
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 85.0 67.1 100.7





#27

1,2-Dichloroethane-d4

Concen: 29.720 ug/l

RT: 5.940 min Scan# 797

Delta R.T. -0.006 min

Lab File: VX045015.D

Acq: 21 Feb 2025 13:41

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBS01

Tgt Ion: 65 Resp: 5269

Ion Ratio Lower Upper

65 100

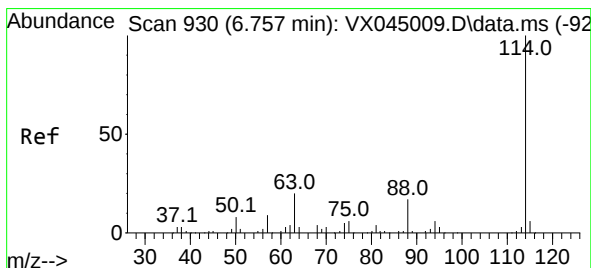
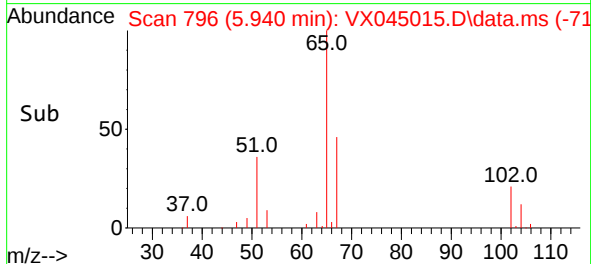
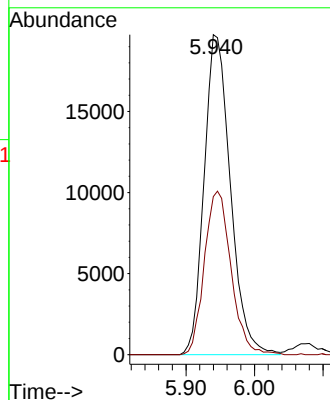
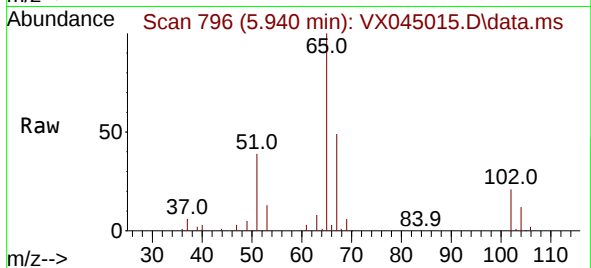
67 51.4 42.6 64.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX045015.D

Acq: 21 Feb 2025 13:41

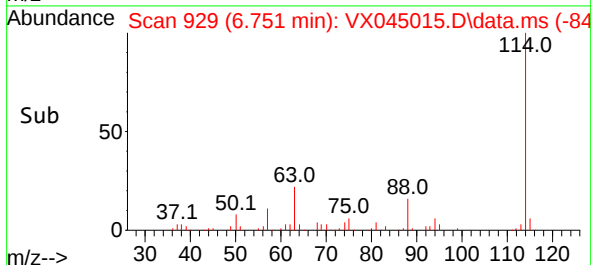
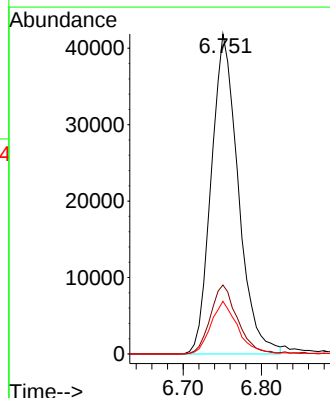
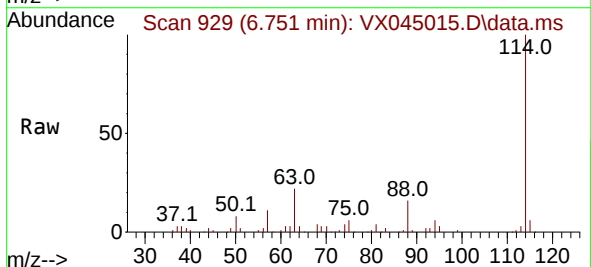
Tgt Ion:114 Resp: 100301

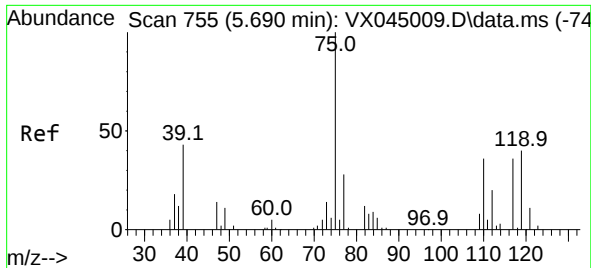
Ion Ratio Lower Upper

114 100

63 21.5 16.8 25.2

88 16.4 12.7 19.1





#29

1,1-Dichloropropene

Concen: 20.091 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.006 min

Lab File: VX045015.D

Acq: 21 Feb 2025 13:41

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBS01

Tgt Ion: 75 Resp: 37069

Ion Ratio Lower Upper

75 100

110 33.3 0.0 69.2

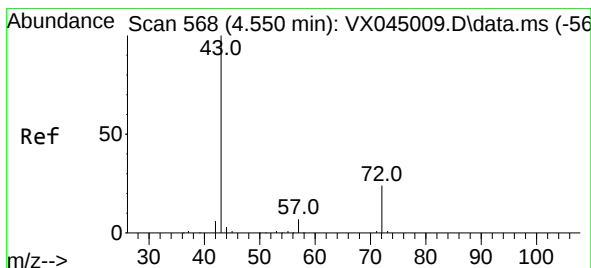
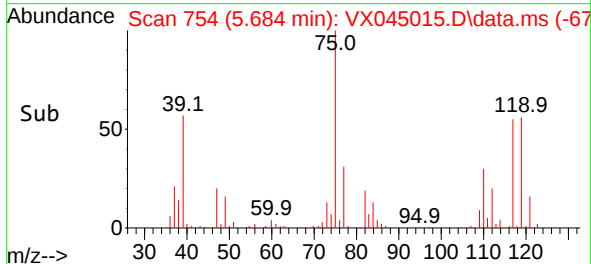
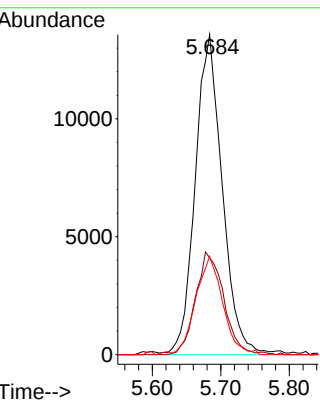
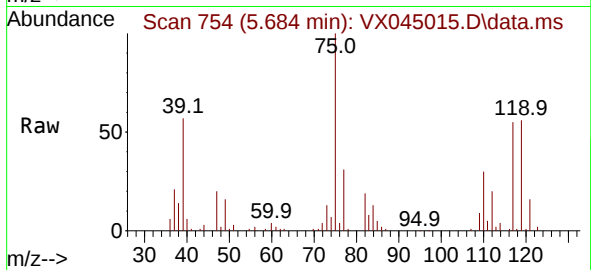
77 30.6 0.0 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#30

2-Butanone

Concen: 105.435 ug/l

RT: 4.550 min Scan# 568

Delta R.T. -0.000 min

Lab File: VX045015.D

Acq: 21 Feb 2025 13:41

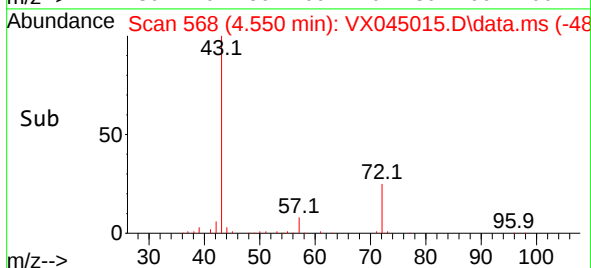
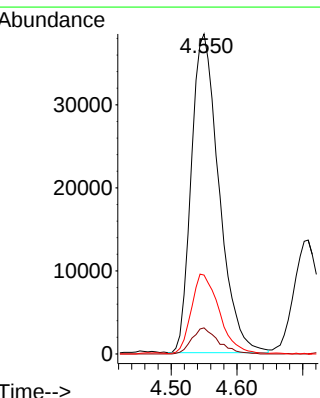
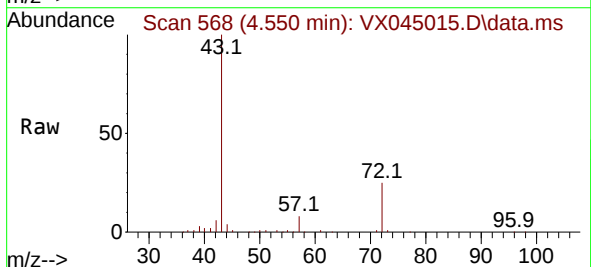
Tgt Ion: 43 Resp: 112362

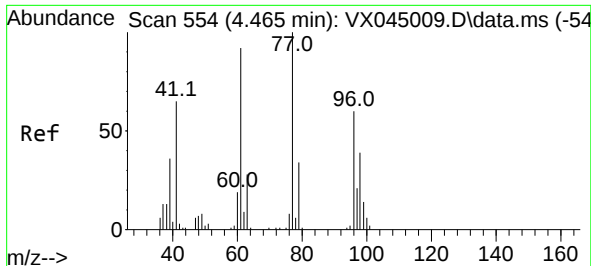
Ion Ratio Lower Upper

43 100

57 7.8 6.2 9.2

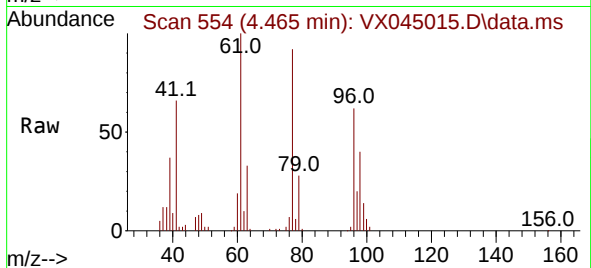
72 25.3 20.2 30.2





#31
2,2-Dichloropropane
Concen: 19.268 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

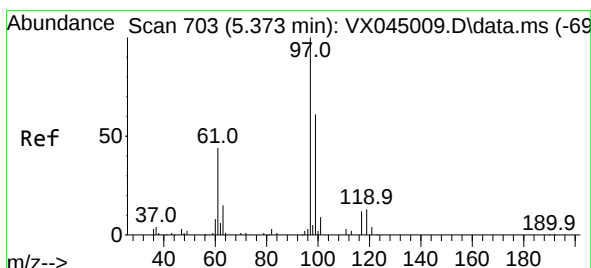
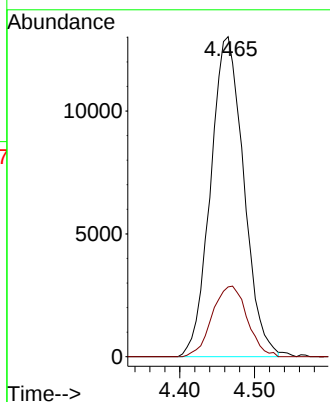
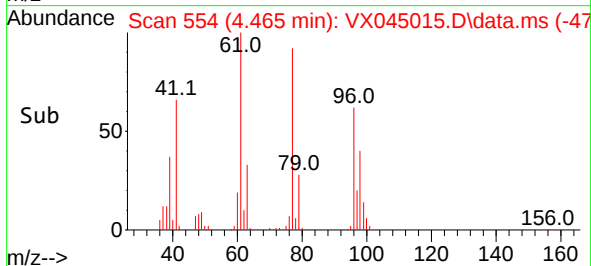
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



Tgt Ion: 77 Resp: 40198
Ion Ratio Lower Upper
77 100
97 23.2 18.0 27.0

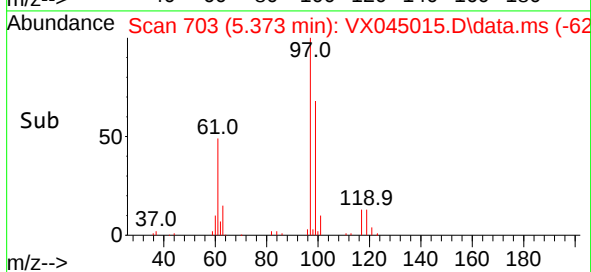
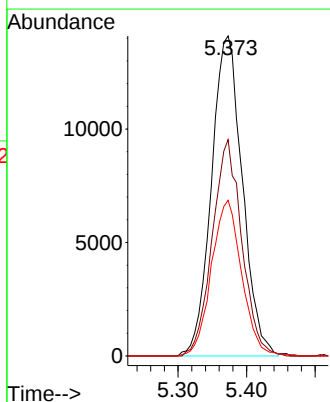
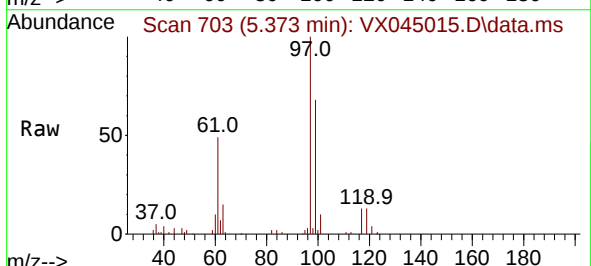
Manual Integrations
APPROVED

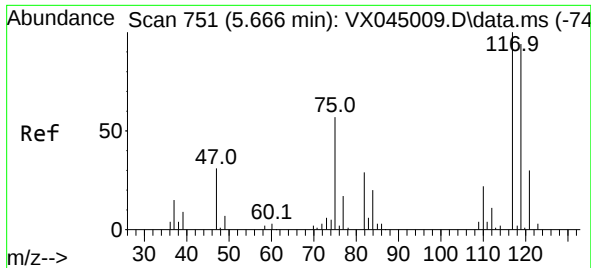
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#32
1,1,1-Trichloroethane
Concen: 19.726 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

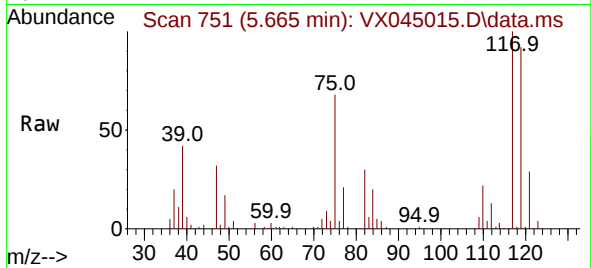
Tgt Ion: 97 Resp: 44099
Ion Ratio Lower Upper
97 100
99 64.5 52.2 78.2
61 47.8 38.5 57.7





#33
Carbon Tetrachloride
Concen: 19.735 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

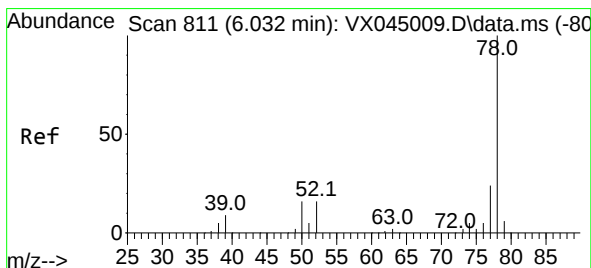
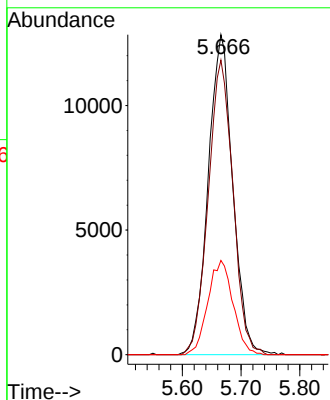
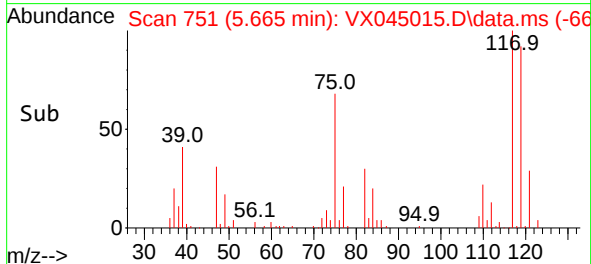
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



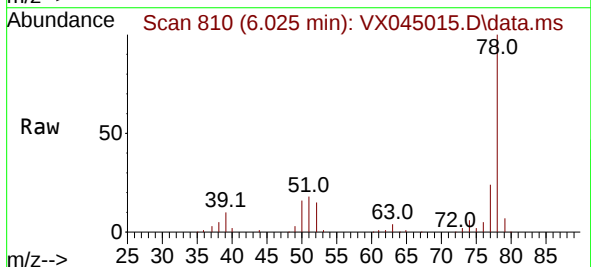
Tgt Ion: 117 Resp: 3723
Ion Ratio Lower Upper
117 100
119 92.1 75.1 112.7
121 29.5 23.9 35.9

Manual Integrations
APPROVED

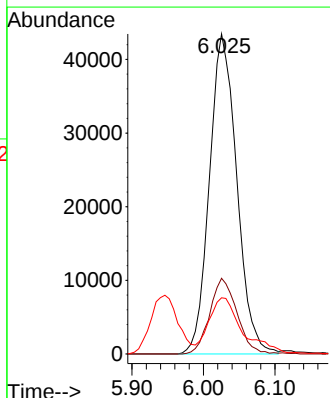
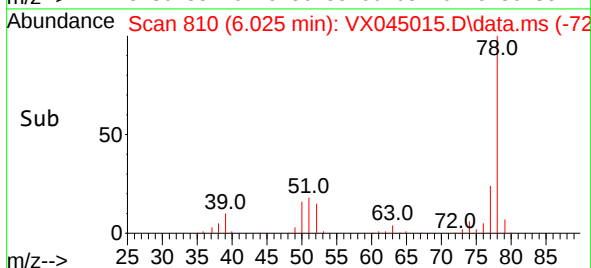
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

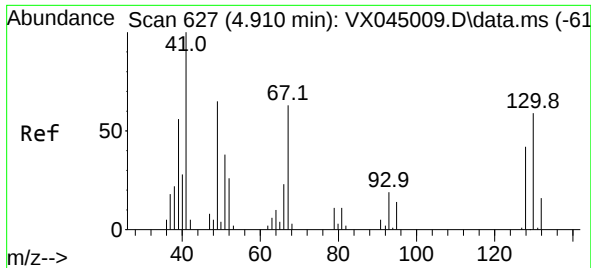


#34
Benzene
Concen: 19.945 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41



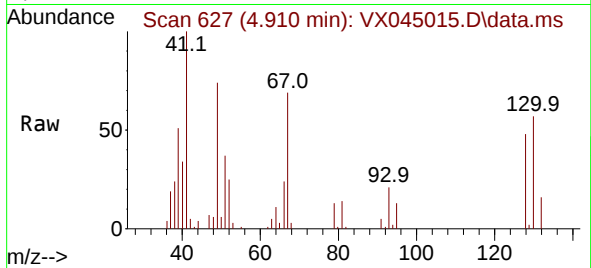
Tgt Ion: 78 Resp: 115403
Ion Ratio Lower Upper
78 100
77 23.6 19.6 29.4
51 15.9 13.8 20.6





#35
Methacrylonitrile
Concen: 19.360 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

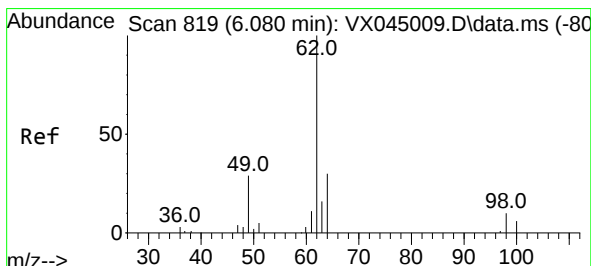
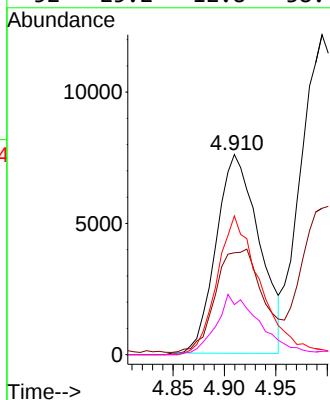
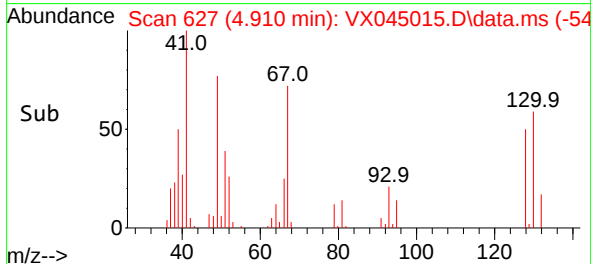
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



Tgt Ion:	41	Resp:	22078
Ion	Ratio	Lower	Upper
41	100		
39	49.8	27.8	83.4
67	69.8	31.5	94.5
52	25.2	12.8	38.4

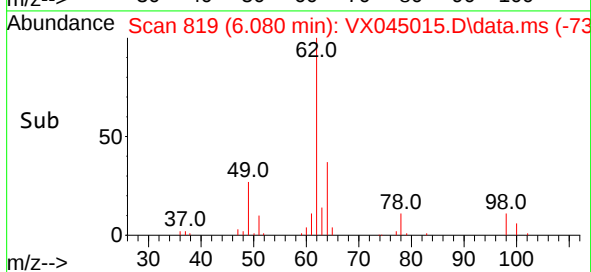
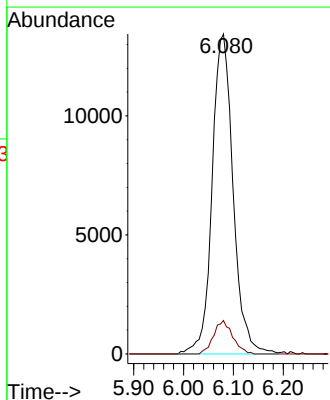
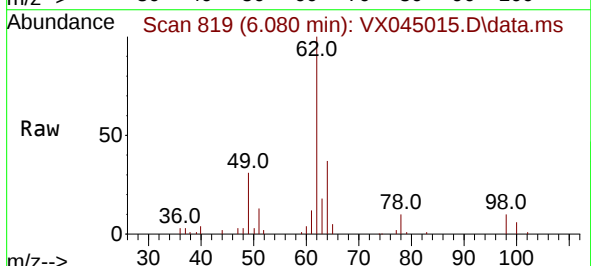
Manual Integrations
APPROVED

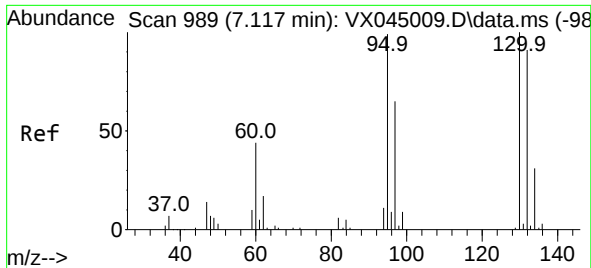
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#36
1,2-Dichloroethane
Concen: 19.824 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

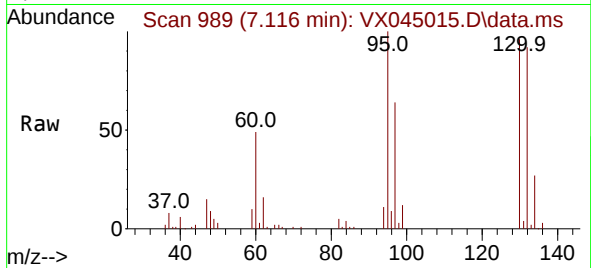
Tgt Ion:	62	Resp:	39270
Ion	Ratio	Lower	Upper
62	100		
98	9.5	7.9	11.9





#37
Trichloroethene
Concen: 19.940 ug/l
RT: 7.116 min Scan# 989
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

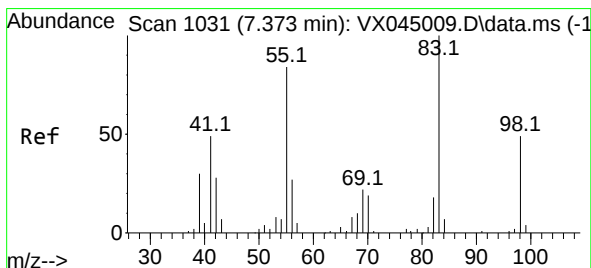
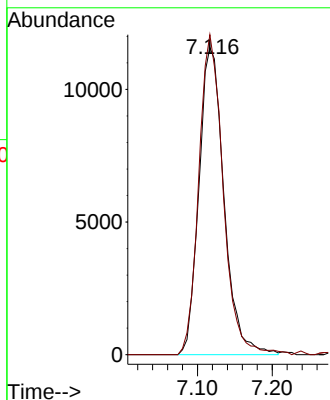
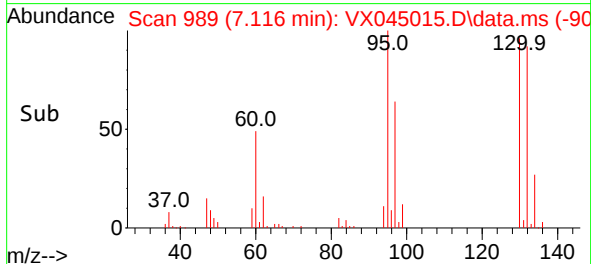
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



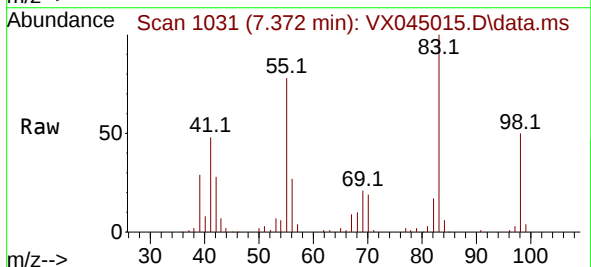
Tgt Ion:130 Resp: 26992
Ion Ratio Lower Upper
130 100
95 104.2 79.0 118.4

Manual Integrations
APPROVED

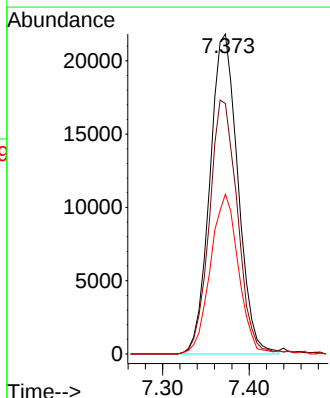
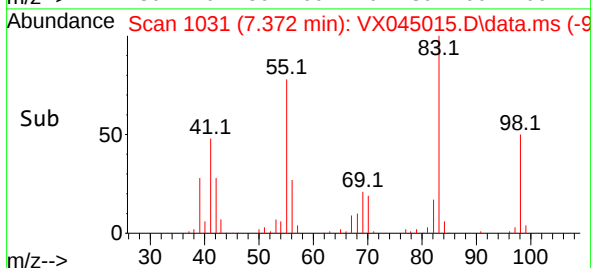
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

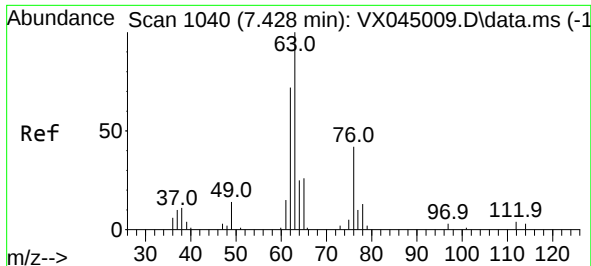


#38
Methylcyclohexane
Concen: 19.823 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41



Tgt Ion: 83 Resp: 49109
Ion Ratio Lower Upper
83 100
55 79.4 40.6 122.0
98 49.4 24.9 74.6





#39

1,2-Dichloropropane

Concen: 19.809 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX045015.D

Acq: 21 Feb 2025 13:41

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBS01

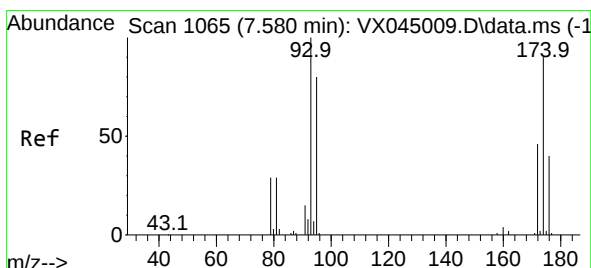
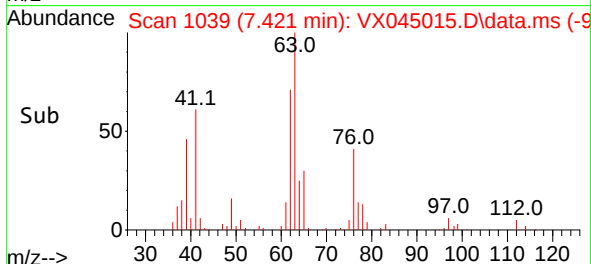
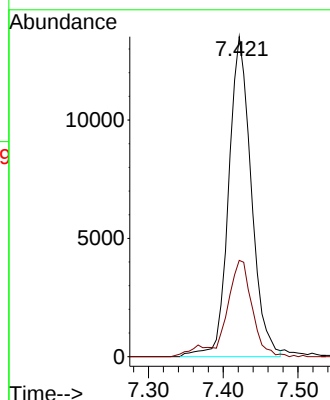
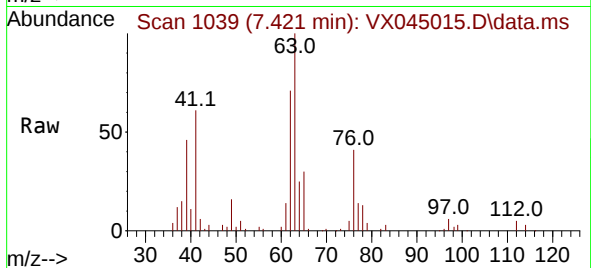
Tgt Ion: 63 Resp: 2849
 Ion Ratio Lower Upper
 63 100
 65 29.3 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#40

Dibromomethane

Concen: 19.824 ug/l

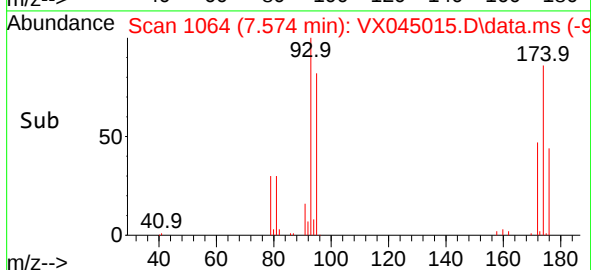
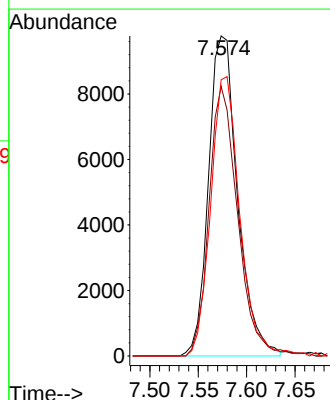
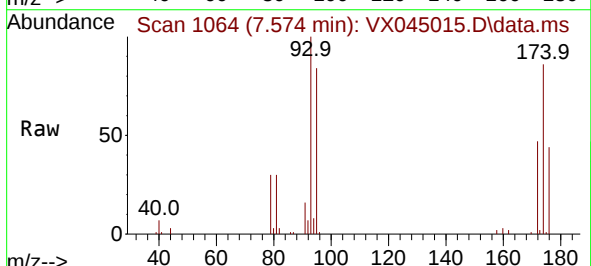
RT: 7.574 min Scan# 1064

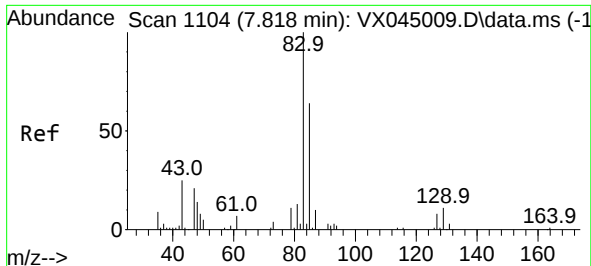
Delta R.T. -0.006 min

Lab File: VX045015.D

Acq: 21 Feb 2025 13:41

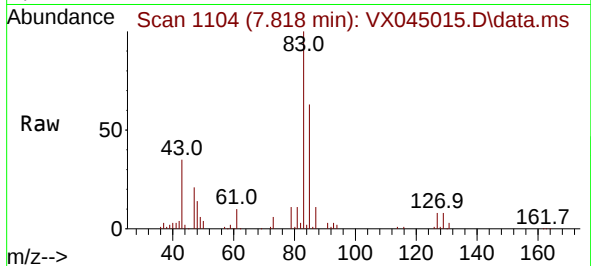
Tgt Ion: 93 Resp: 20463
 Ion Ratio Lower Upper
 93 100
 95 82.7 0.0 162.6
 174 86.7 0.0 178.8





#41
Bromodichloromethane
Concen: 19.203 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

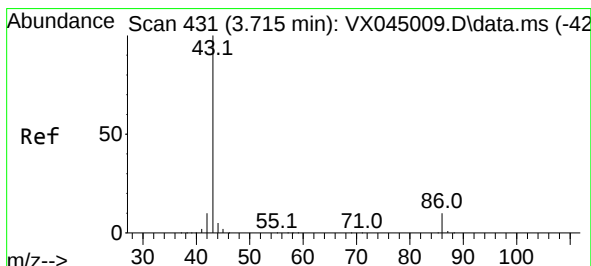
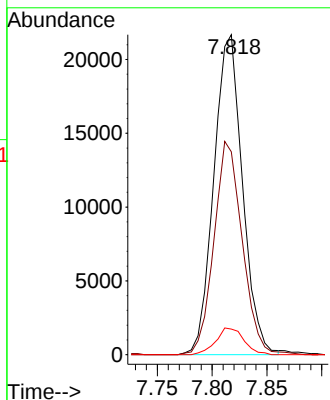
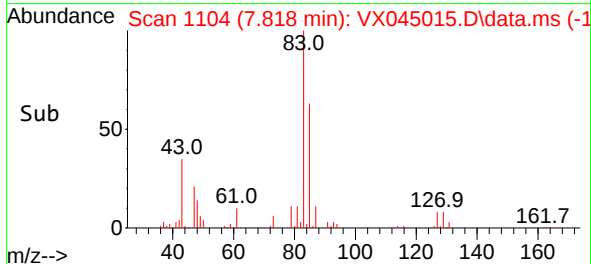
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



Tgt Ion: 83 Resp: 39398
Ion Ratio Lower Upper
83 100
85 63.4 51.0 76.6
127 8.0 6.1 9.1

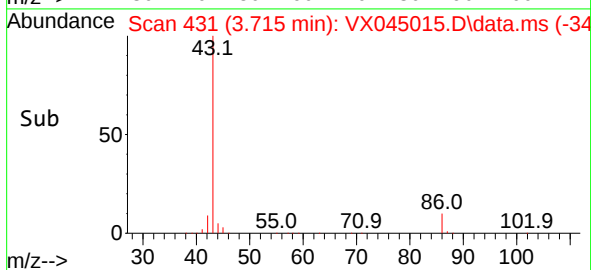
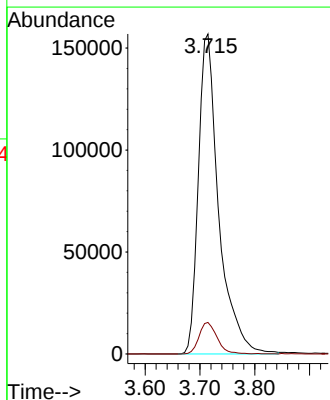
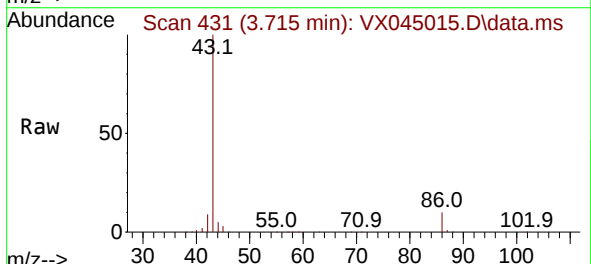
Manual Integrations
APPROVED

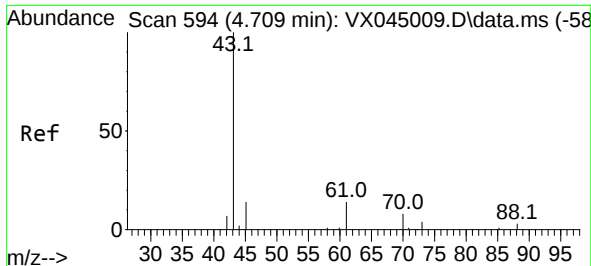
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#42
Vinyl Acetate
Concen: 97.970 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

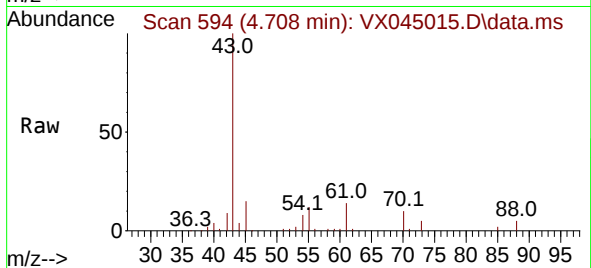
Tgt Ion: 43 Resp: 405154
Ion Ratio Lower Upper
43 100
86 8.7 7.0 10.4





#43
Ethyl Acetate
Concen: 20.239 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

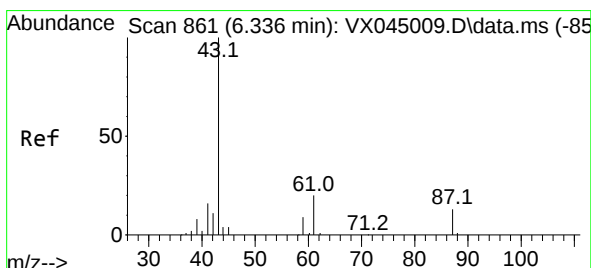
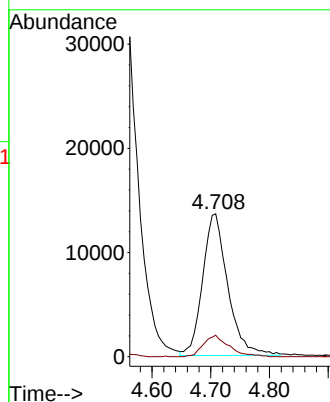
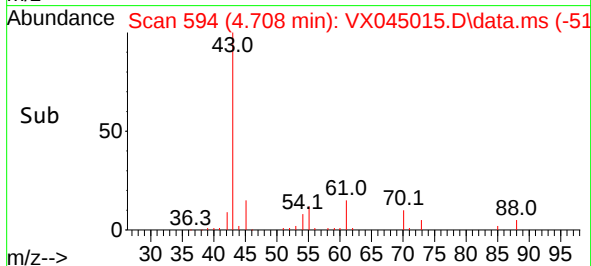
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



Tgt Ion: 43 Resp: 40449
Ion Ratio Lower Upper
43 100
45 15.4 12.7 19.1

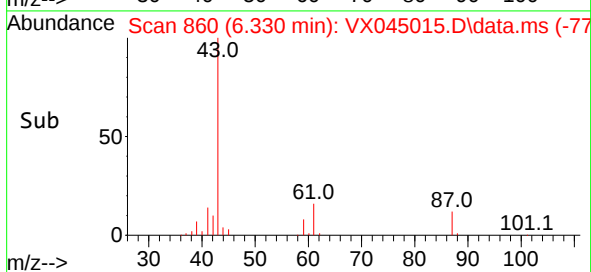
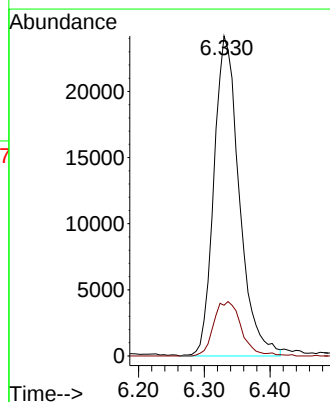
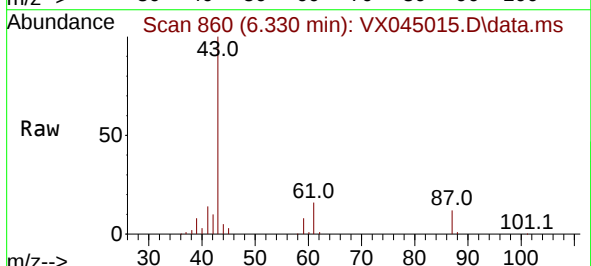
Manual Integrations
APPROVED

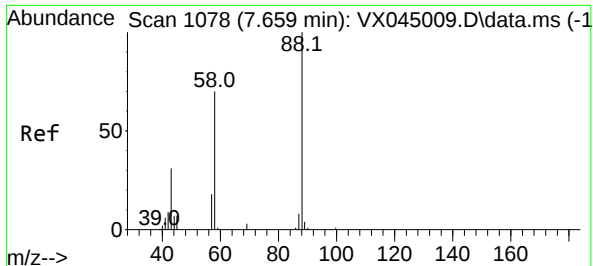
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#44
Isopropyl Acetate
Concen: 19.751 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.006 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

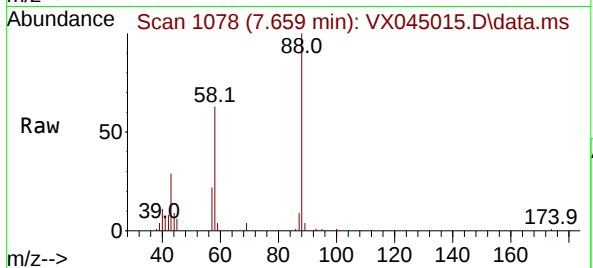
Tgt Ion: 43 Resp: 64968
Ion Ratio Lower Upper
43 100
61 18.1 15.5 23.3





#45
1,4-Dioxane
Concen: 400.101 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

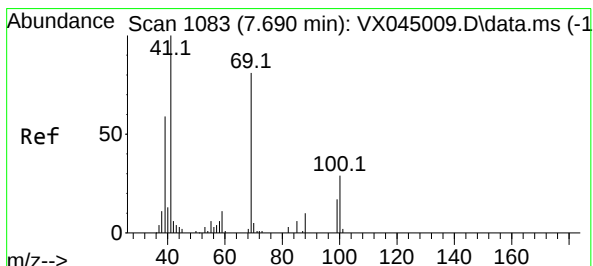
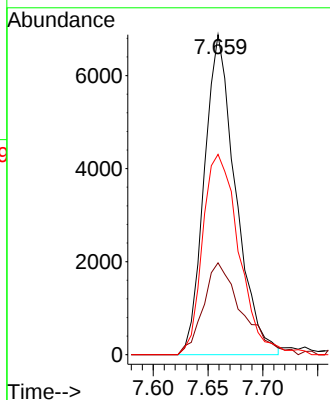
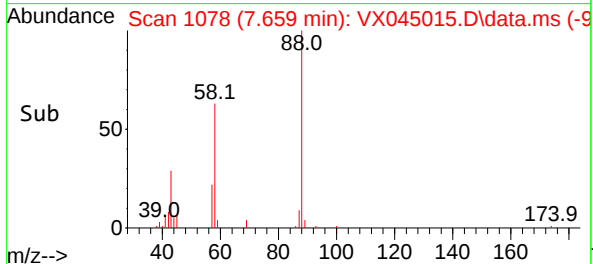
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



Tgt Ion: 88 Resp: 1368
Ion Ratio Lower Upper
88 100
43 35.1 29.6 44.4
58 72.1 56.2 84.4

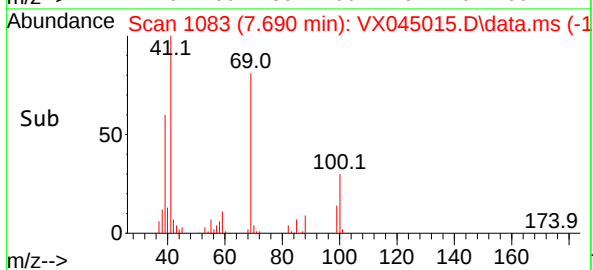
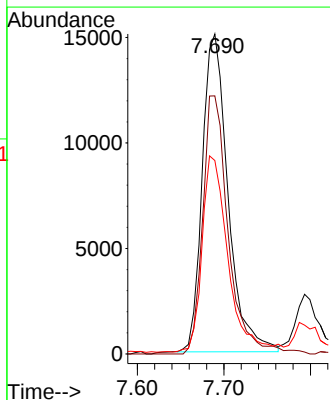
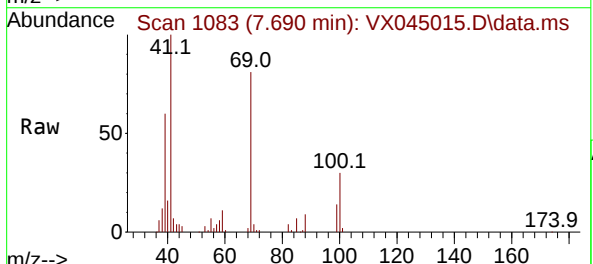
Manual Integrations
APPROVED

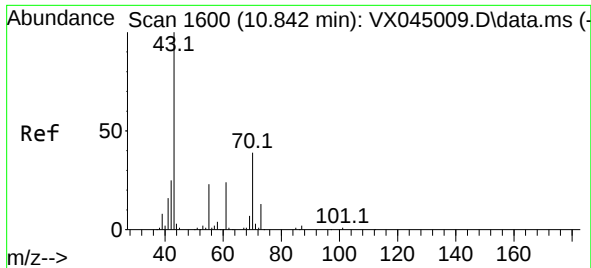
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#46
Methyl methacrylate
Concen: 19.303 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

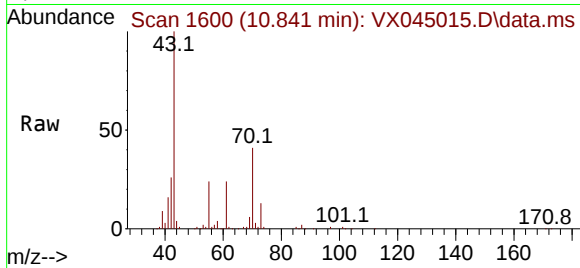
Tgt Ion: 41 Resp: 31134
Ion Ratio Lower Upper
41 100
69 81.2 40.7 122.1
39 60.0 29.5 88.5





#47
n-amyl Acetate
Concen: 19.945 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

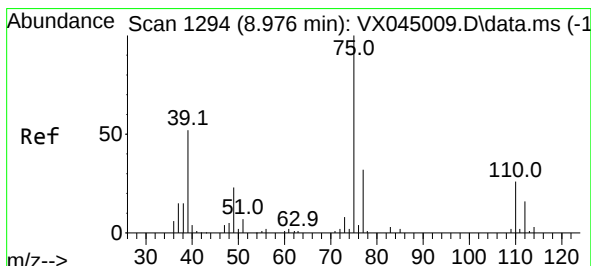
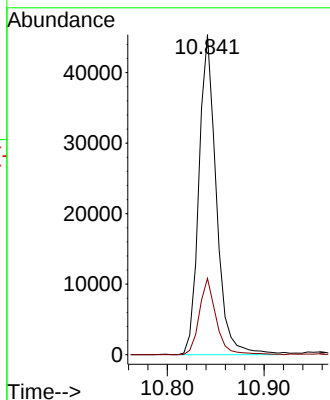
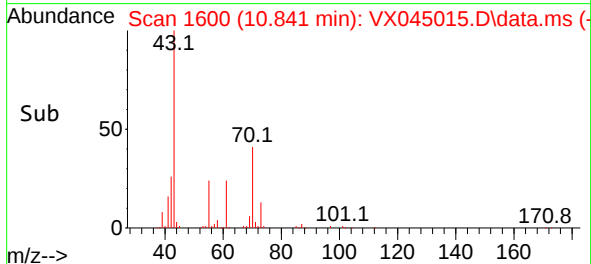
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



Tgt Ion: 43 Resp: 56929
Ion Ratio Lower Upper
43 100
55 23.0 18.6 27.8

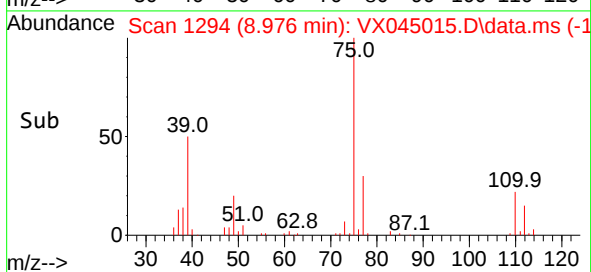
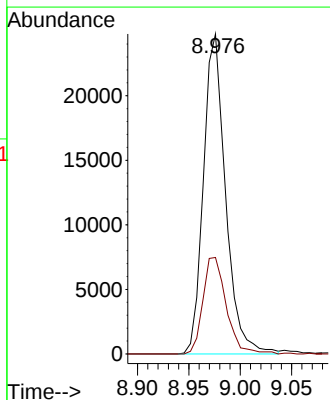
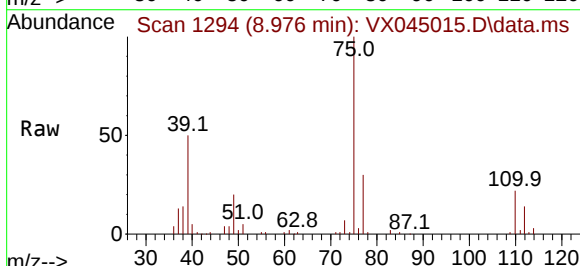
Manual Integrations
APPROVED

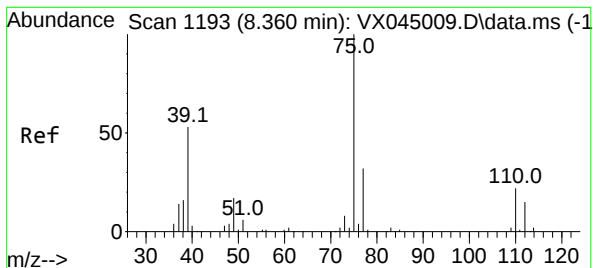
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#48
t-1,3-Dichloropropene
Concen: 18.838 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

Tgt Ion: 75 Resp: 37253
Ion Ratio Lower Upper
75 100
77 30.2 25.7 38.5





#49

cis-1,3-Dichloropropene

Concen: 19.687 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX045015.D

Acq: 21 Feb 2025 13:41

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBS01

Tgt Ion: 75 Resp: 4407

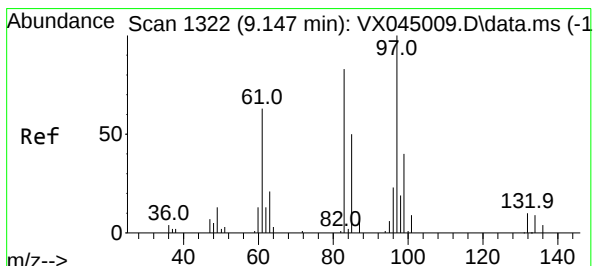
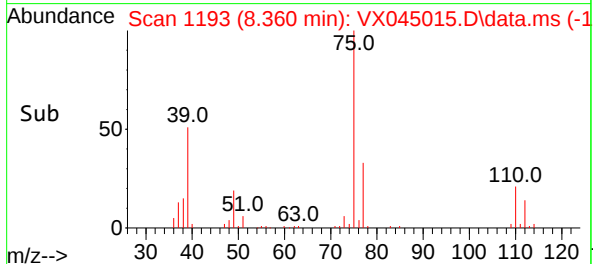
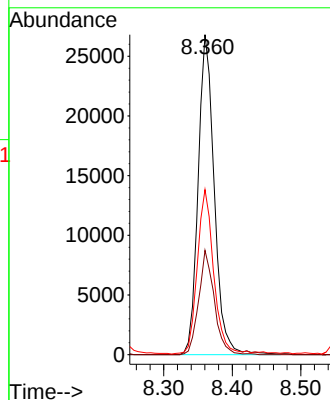
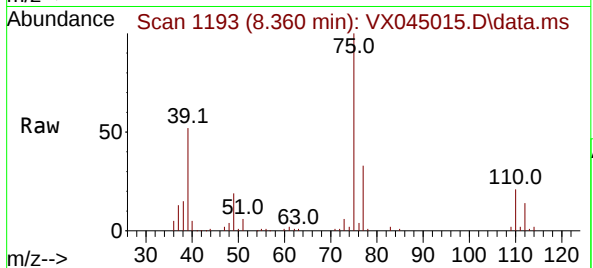
Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.9	38.9
39	51.1	42.3	63.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#50

1,1,2-Trichloroethane

Concen: 20.354 ug/l

RT: 9.147 min Scan# 1322

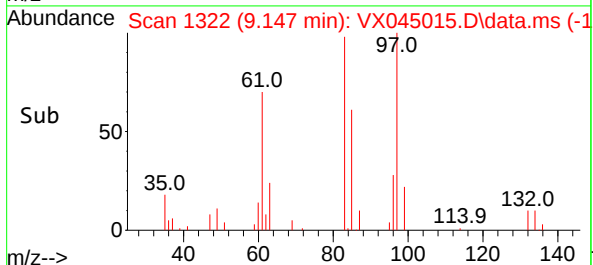
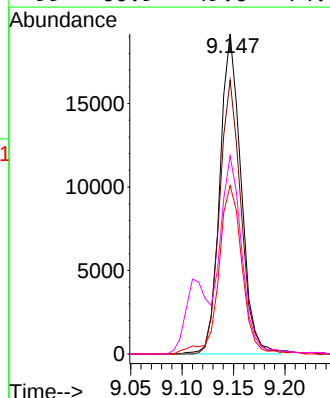
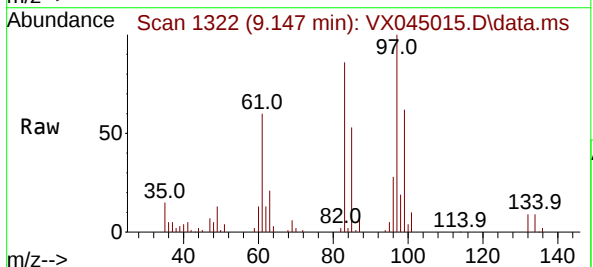
Delta R.T. -0.000 min

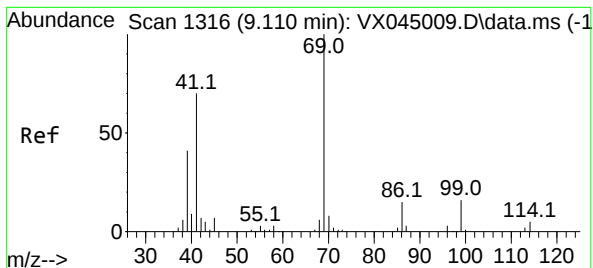
Lab File: VX045015.D

Acq: 21 Feb 2025 13:41

Tgt Ion: 97 Resp: 27405

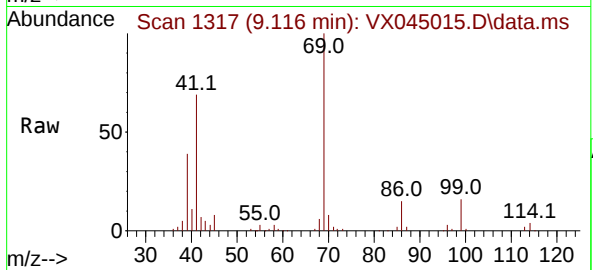
Ion	Ratio	Lower	Upper
97	100		
83	85.6	66.0	99.0
85	52.2	42.5	63.7
99	60.9	49.6	74.4





#51
Ethyl methacrylate
Concen: 20.164 ug/l
RT: 9.116 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

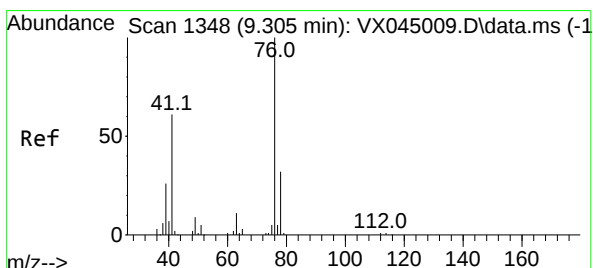
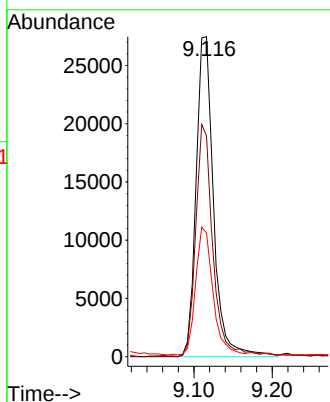
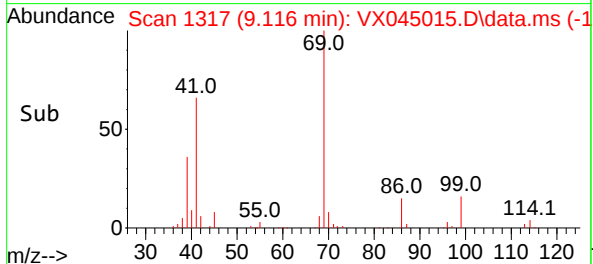
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



Tgt Ion: 69 Resp: 42700
Ion Ratio Lower Upper
69 100
41 69.0 35.1 105.3
39 38.2 20.5 61.6

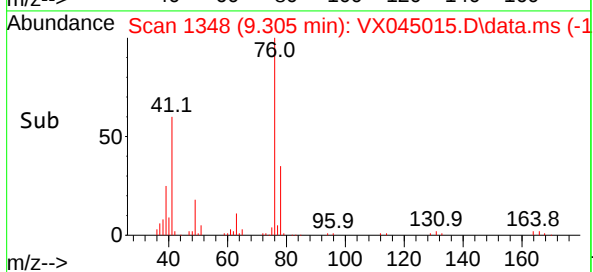
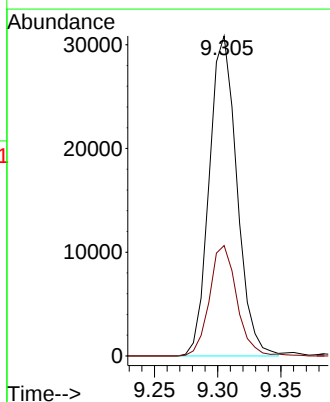
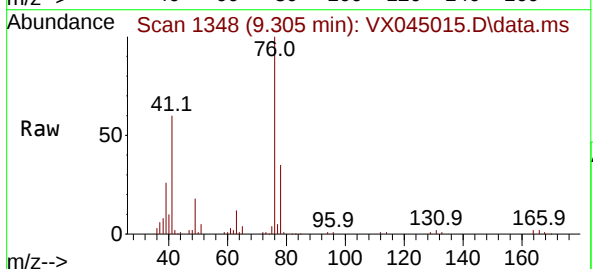
Manual Integrations
APPROVED

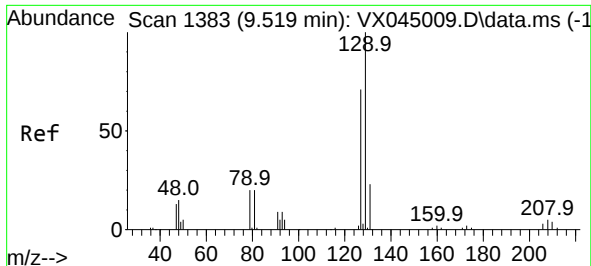
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#52
1,3-Dichloropropane
Concen: 19.908 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

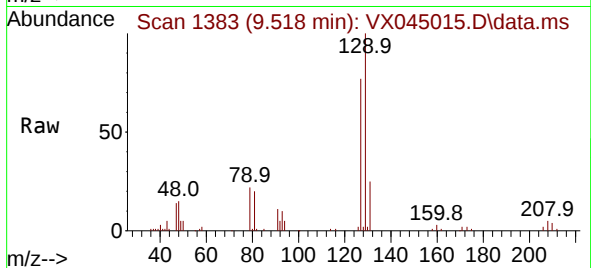
Tgt Ion: 76 Resp: 46968
Ion Ratio Lower Upper
76 100
78 34.2 0.0 63.6





#53
Dibromochloromethane
Concen: 19.525 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

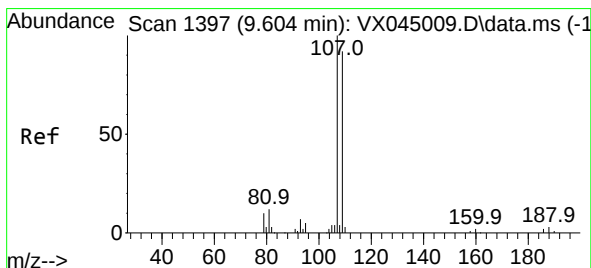
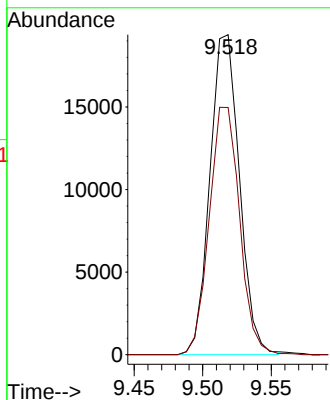
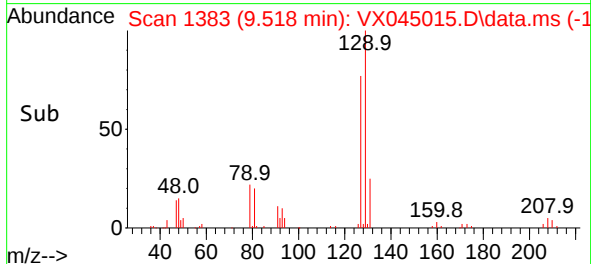
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



Tgt Ion:129 Resp: 29070
Ion Ratio Lower Upper
129 100
127 79.3 37.3 111.9

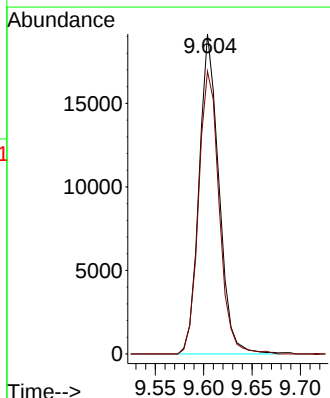
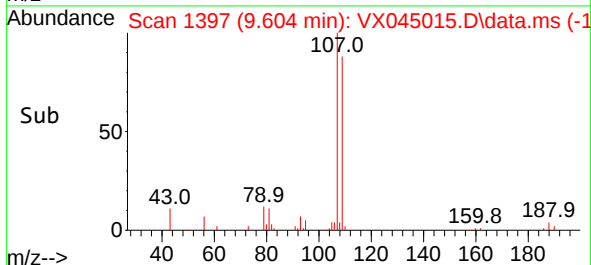
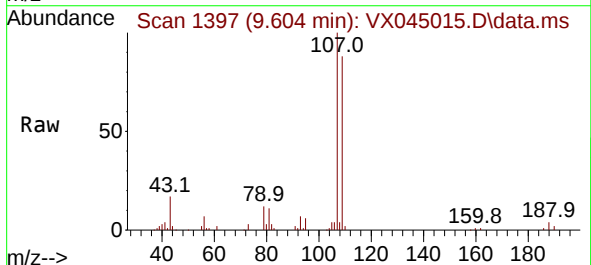
Manual Integrations
APPROVED

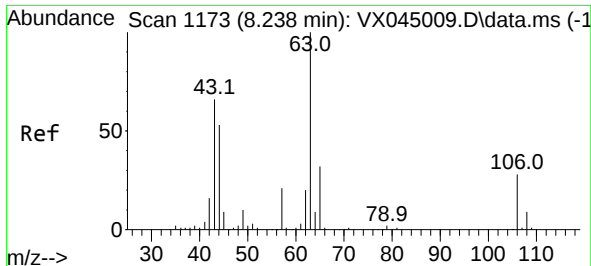
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#54
1,2-Dibromoethane
Concen: 19.999 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

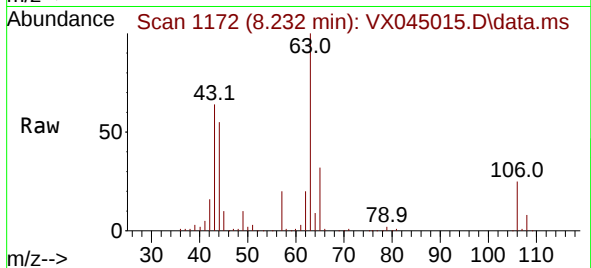
Tgt Ion:107 Resp: 27344
Ion Ratio Lower Upper
107 100
109 91.5 75.8 113.8





#55
2-Chloroethyl vinyl ether
Concen: 102.629 ug/l
RT: 8.232 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

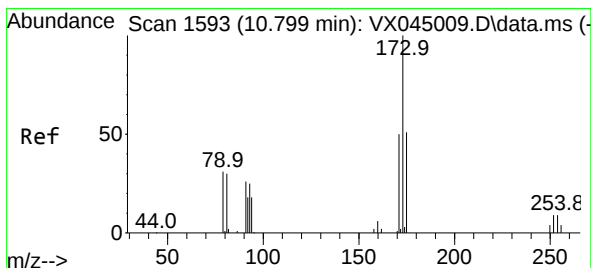
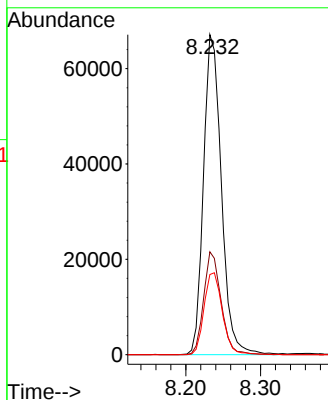
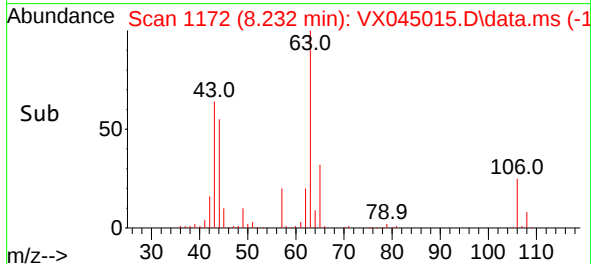
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



Tgt Ion: 63 Resp: 111604
Ion Ratio Lower Upper
63 100
65 31.2 26.2 39.2
106 26.2 21.2 31.8

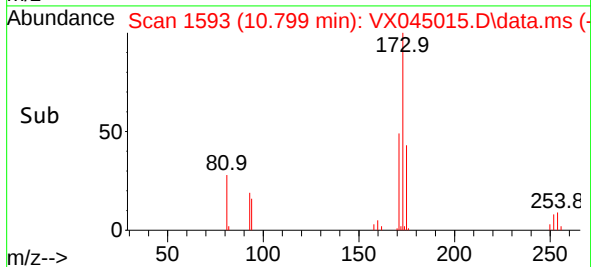
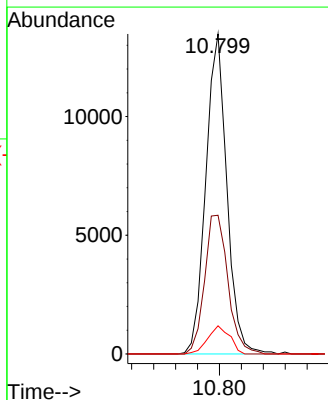
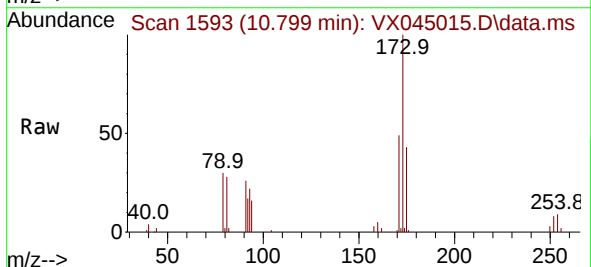
Manual Integrations
APPROVED

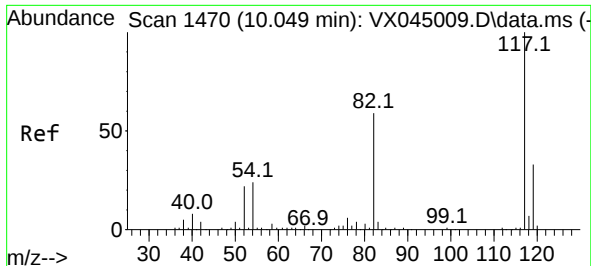
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#56
Bromoform
Concen: 19.254 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

Tgt Ion:173 Resp: 17967
Ion Ratio Lower Upper
173 100
175 48.1 39.6 59.4
254 9.2 6.3 9.5





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX045015.D

Acq: 21 Feb 2025 13:41

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBS01

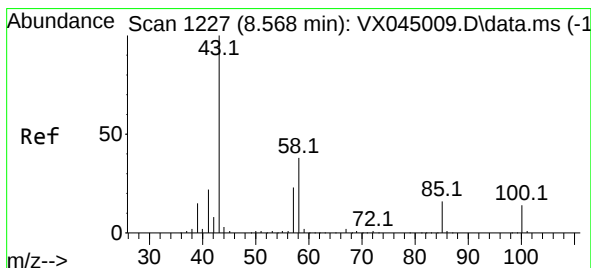
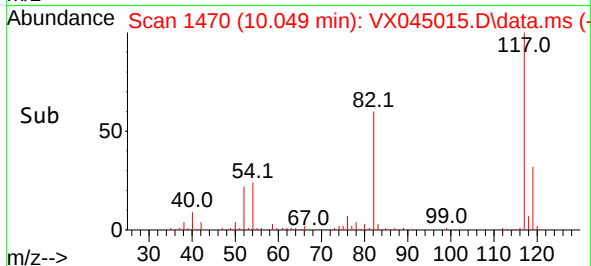
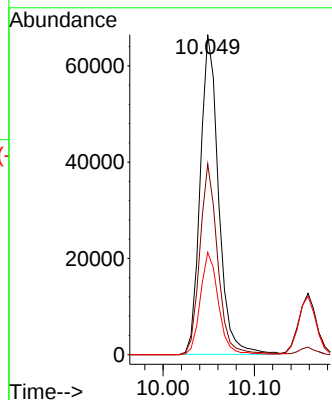
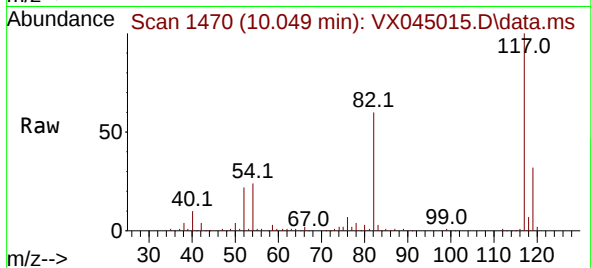
Tgt Ion:	117	Resp:	9276
Ion Ratio	Lower	Upper	
117	100		
82	58.3	45.8	68.8
119	31.6	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#58

4-Methyl-2-Pentanone

Concen: 101.492 ug/l

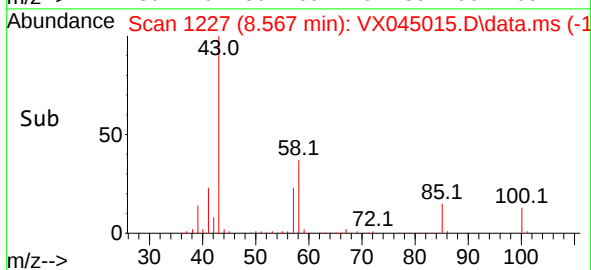
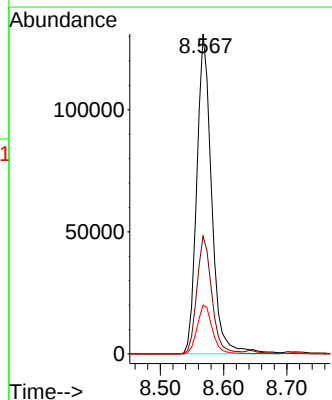
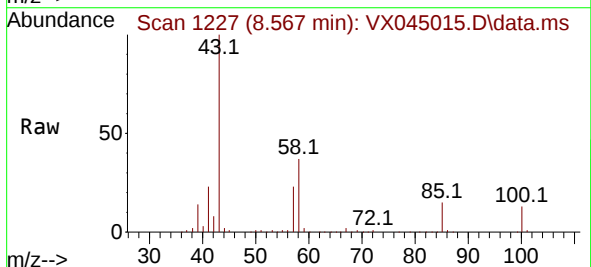
RT: 8.567 min Scan# 1227

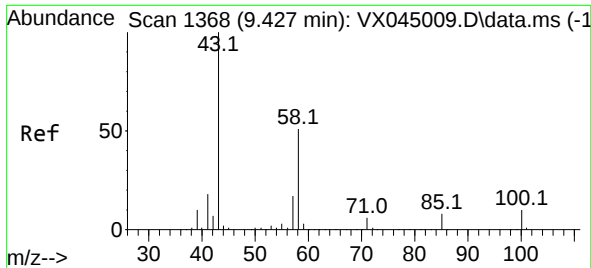
Delta R.T. -0.000 min

Lab File: VX045015.D

Acq: 21 Feb 2025 13:41

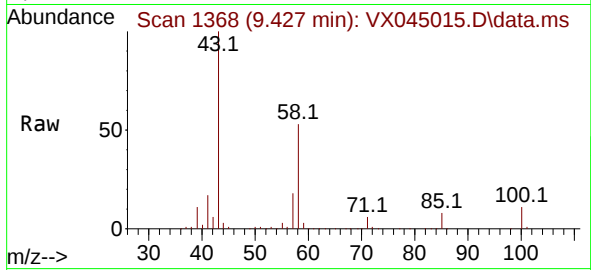
Tgt Ion:	43	Resp:	214176
Ion Ratio	Lower	Upper	
43	100		
58	37.0	29.5	44.3
85	15.7	12.9	19.3





#59
2-Hexanone
Concen: 104.412 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

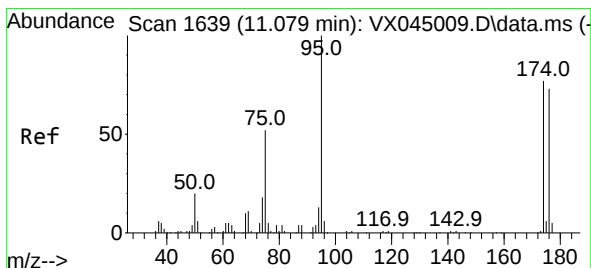
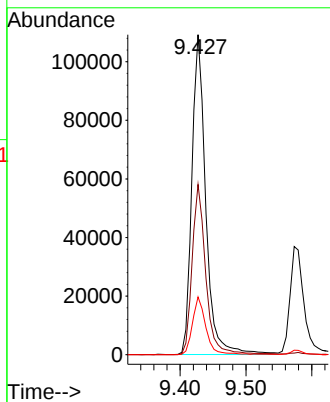
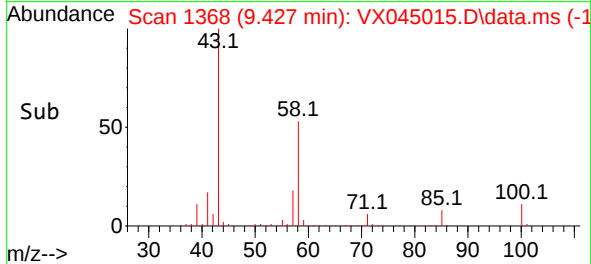
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



Tgt Ion: 43 Resp: 15926
Ion Ratio Lower Upper
43 100
58 52.5 41.6 62.4
57 16.9 13.8 20.6

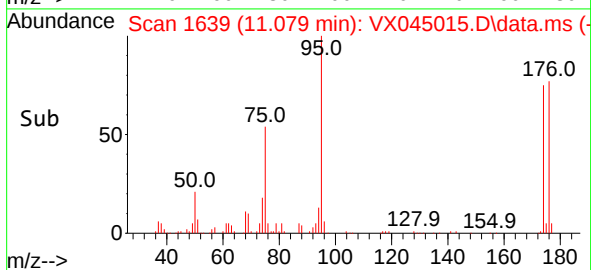
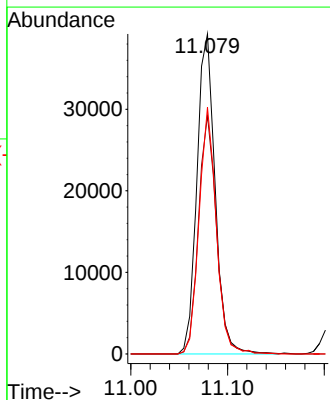
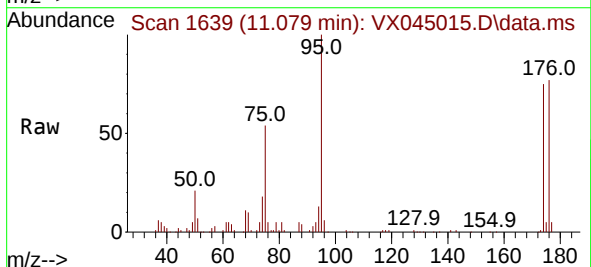
Manual Integrations
APPROVED

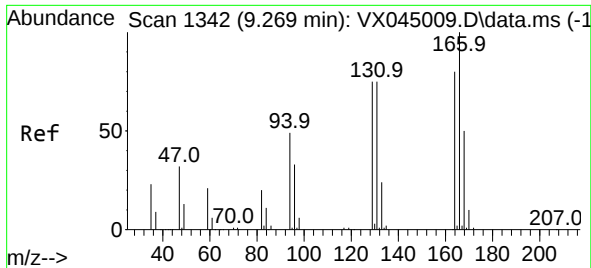
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#60
4-Bromofluorobenzene
Concen: 29.635 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

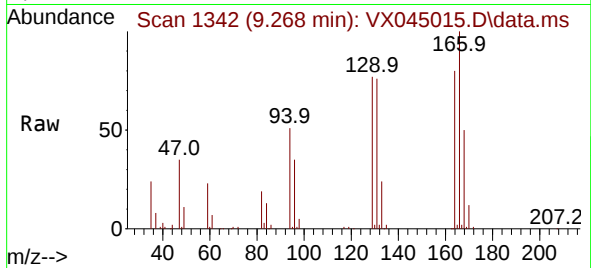
Tgt Ion: 95 Resp: 51386
Ion Ratio Lower Upper
95 100
174 73.7 59.5 89.3
176 72.9 55.5 83.3





#61
Tetrachloroethene
Concen: 19.877 ug/l
RT: 9.268 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

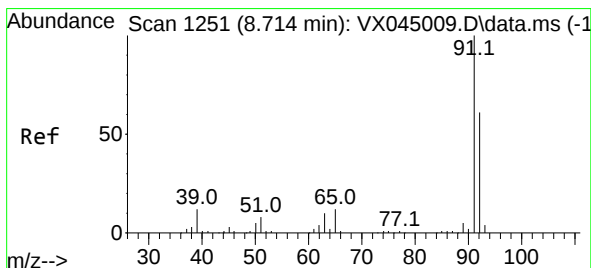
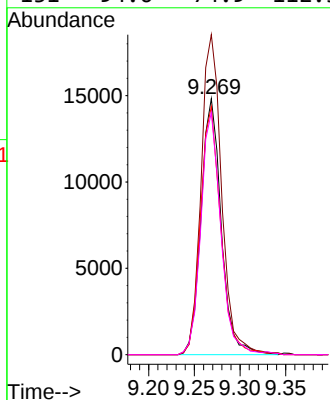
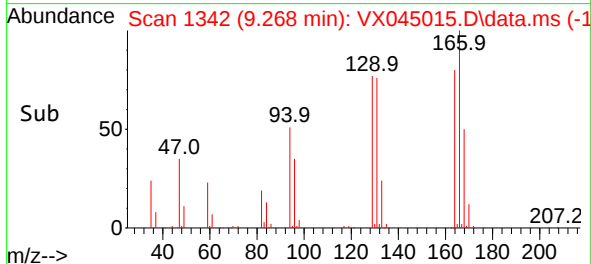
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



Tgt Ion:164 Resp: 22700
Ion Ratio Lower Upper
164 100
166 125.0 100.3 150.5
129 96.9 75.5 113.3
131 94.6 74.9 112.3

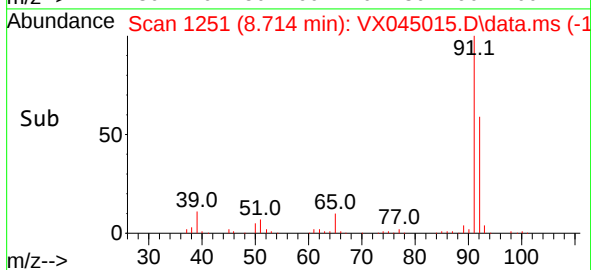
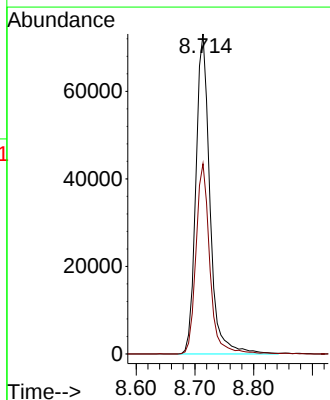
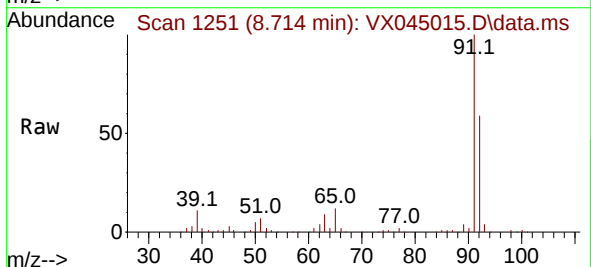
Manual Integrations
APPROVED

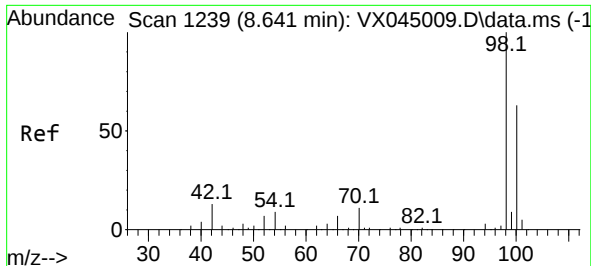
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#62
Toluene
Concen: 19.769 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

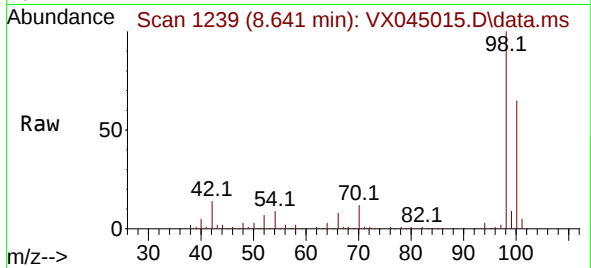
Tgt Ion: 91 Resp: 121486
Ion Ratio Lower Upper
91 100
92 58.4 46.9 70.3





#63
Toluene-d8
Concen: 30.228 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

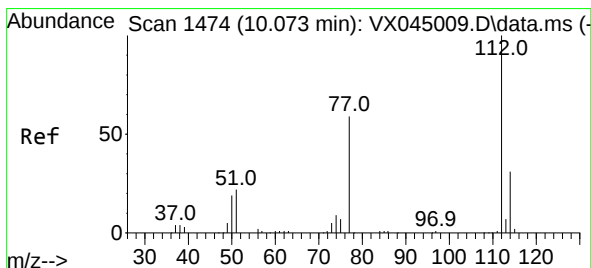
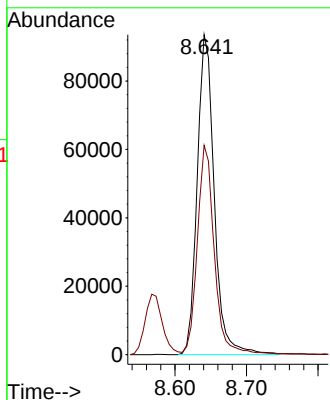
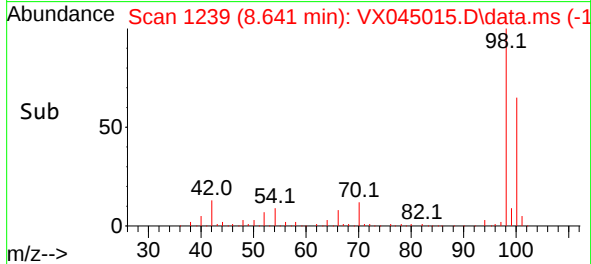
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



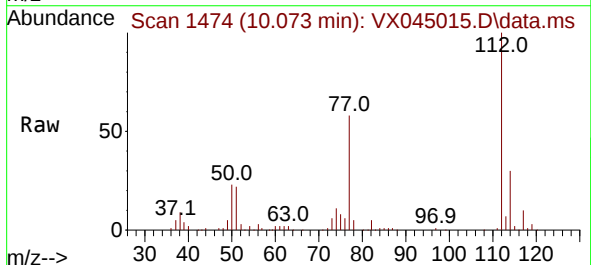
Tgt Ion: 98 Resp: 155135
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5

Manual Integrations
APPROVED

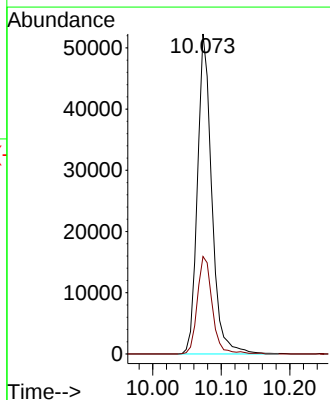
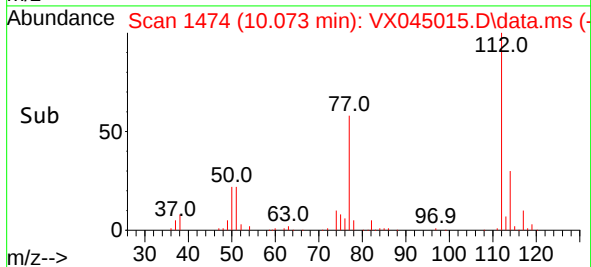
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

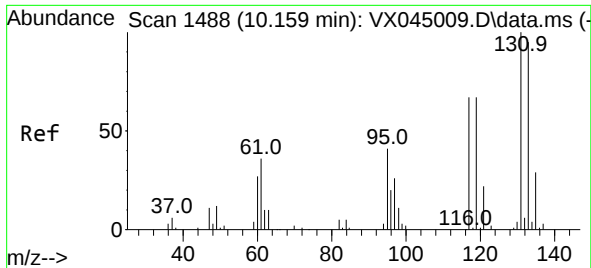


#64
Chlorobenzene
Concen: 20.013 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41



Tgt Ion:112 Resp: 76212
Ion Ratio Lower Upper
112 100
114 30.5 24.7 37.1





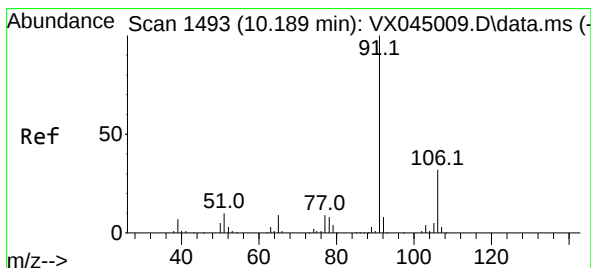
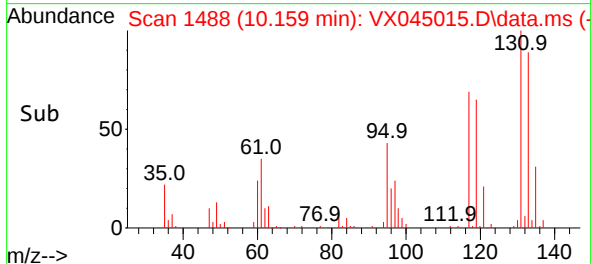
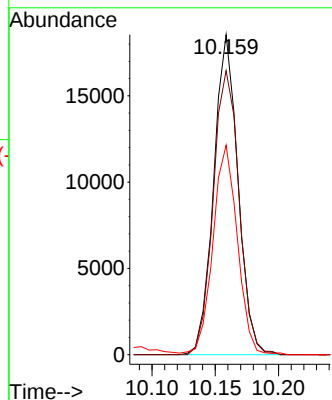
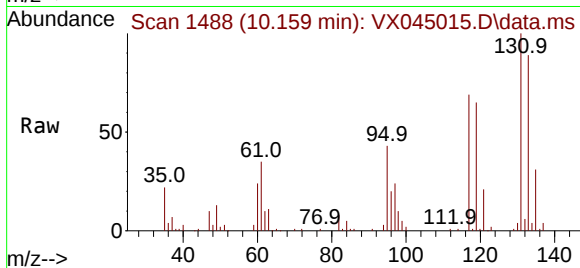
#65
1,1,1,2-Tetrachloroethane
Concen: 19.712 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tgt Ion:131 Resp: 24769
Ion Ratio Lower Upper
131 100
133 94.4 0.0 187.8
119 65.7 0.0 133.0

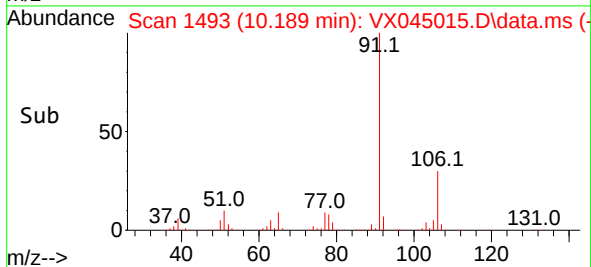
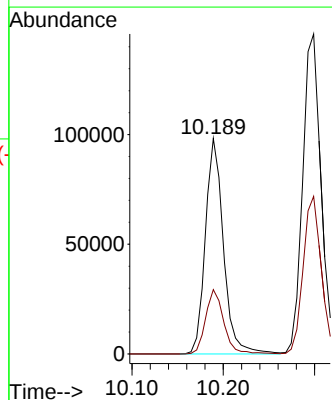
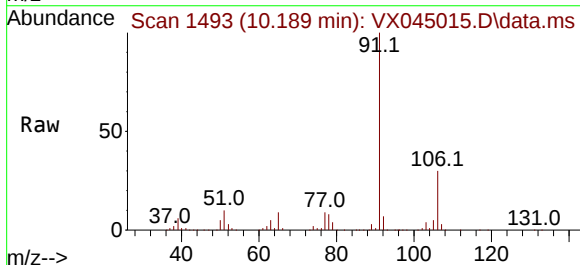
Manual Integrations
APPROVED

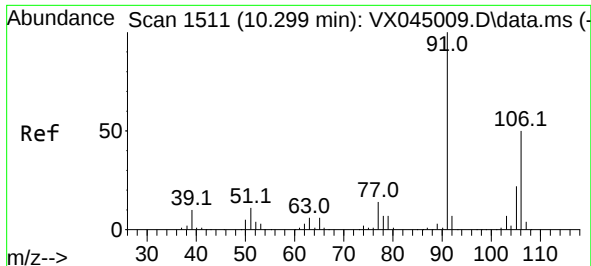
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#66
Ethyl Benzene
Concen: 20.057 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

Tgt Ion: 91 Resp: 134942
Ion Ratio Lower Upper
91 100
106 29.9 25.4 38.2





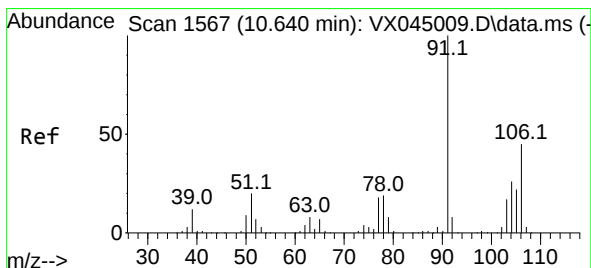
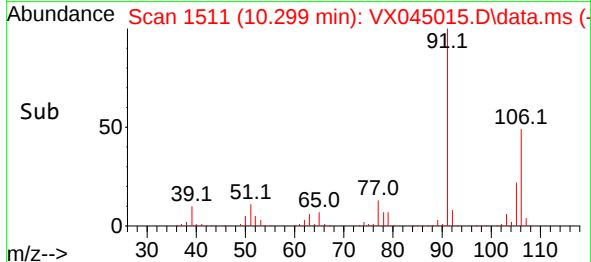
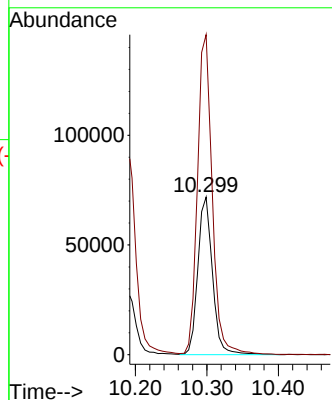
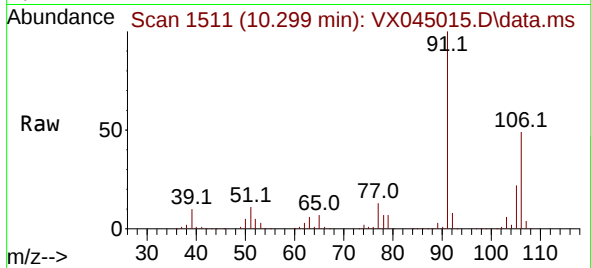
#67
m/p-Xylenes
Concen: 40.785 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tgt Ion:106 Resp: 102230
Ion Ratio Lower Upper
106 100
91 204.4 163.7 245.5

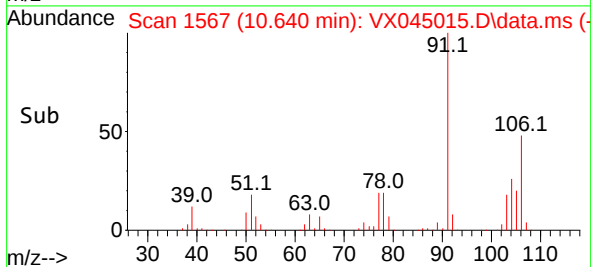
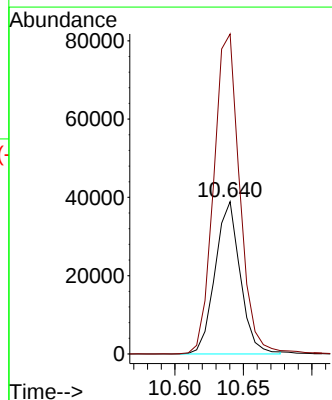
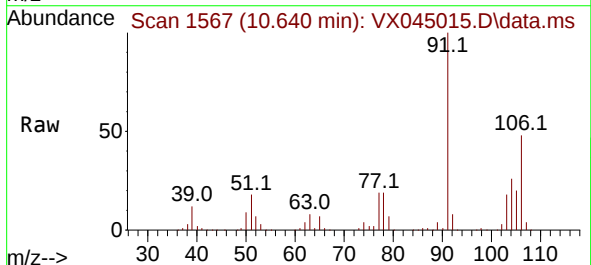
Manual Integrations
APPROVED

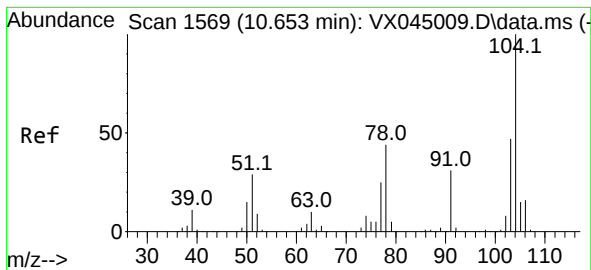
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#68
o-Xylene
Concen: 20.171 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

Tgt Ion:106 Resp: 49611
Ion Ratio Lower Upper
106 100
91 217.6 109.7 329.1





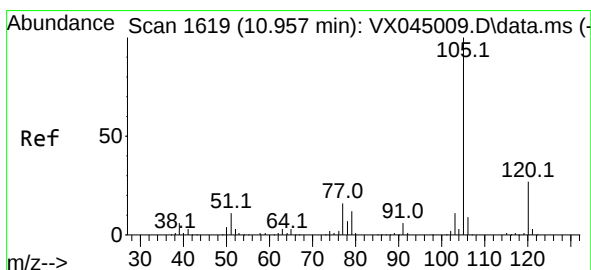
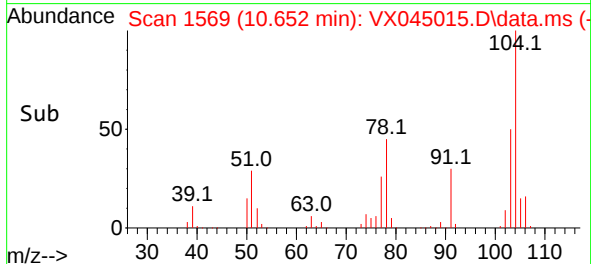
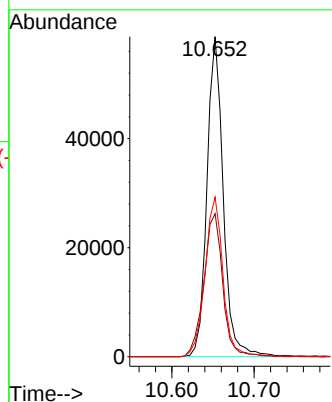
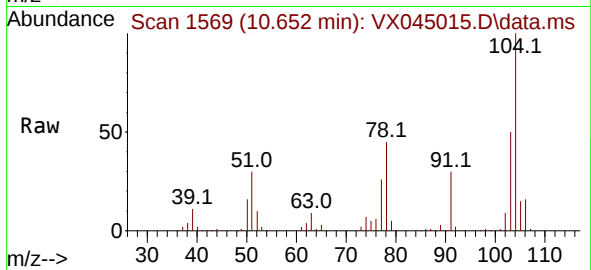
#69
Styrene
Concen: 19.688 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tgt Ion:104 Resp: 80872
Ion Ratio Lower Upper
104 100
78 52.0 41.4 62.0
103 55.0 43.0 64.4

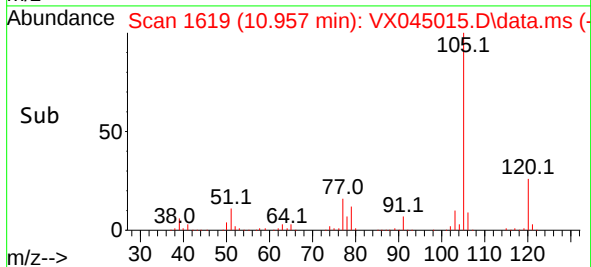
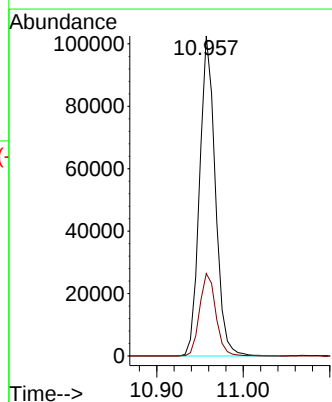
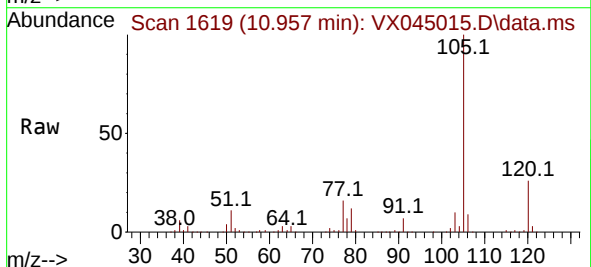
Manual Integrations
APPROVED

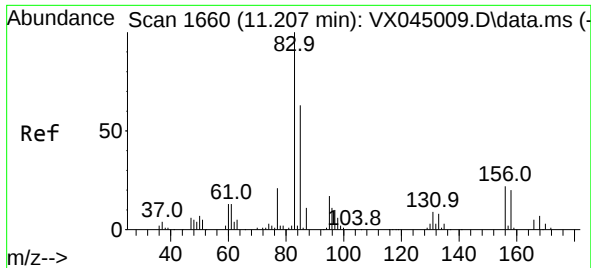
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#70
Isopropylbenzene
Concen: 20.356 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

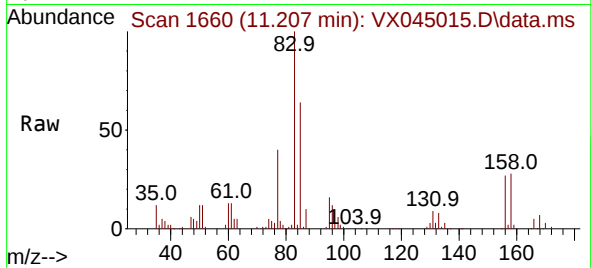
Tgt Ion:105 Resp: 129199
Ion Ratio Lower Upper
105 100
120 26.5 18.4 34.2





#71
1,1,2,2-Tetrachloroethane
Concen: 20.550 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

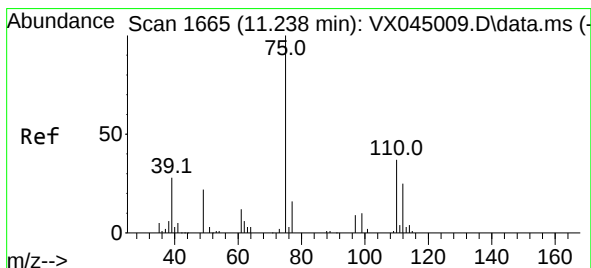
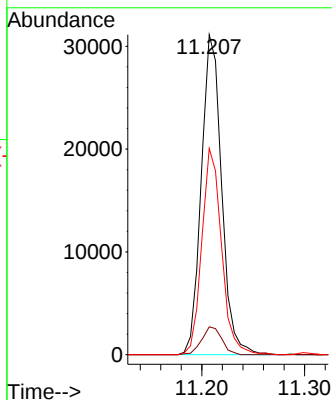
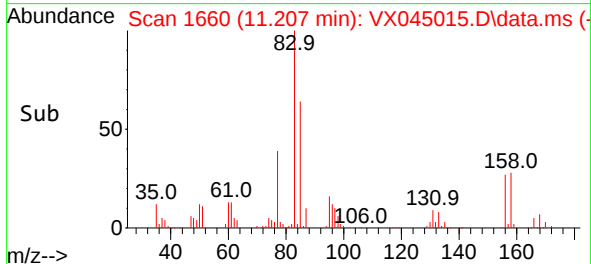
Instrument :
MSVOA_X
Client Sample Id :
VX0221WBS01



Tgt Ion: 83 Resp: 42889
Ion Ratio Lower Upper
83 100
131 8.6 4.8 14.3
85 62.4 32.3 96.8

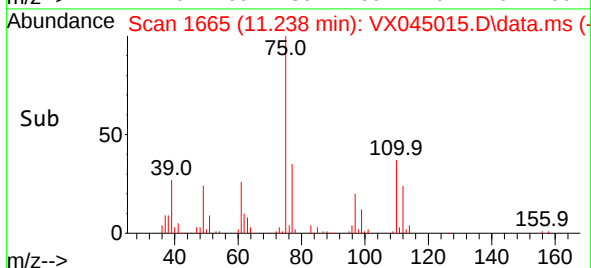
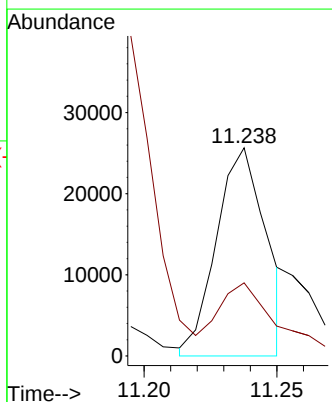
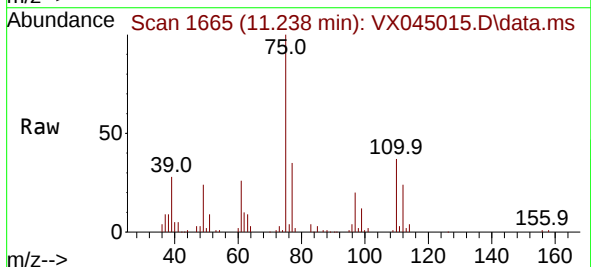
Manual Integrations
APPROVED

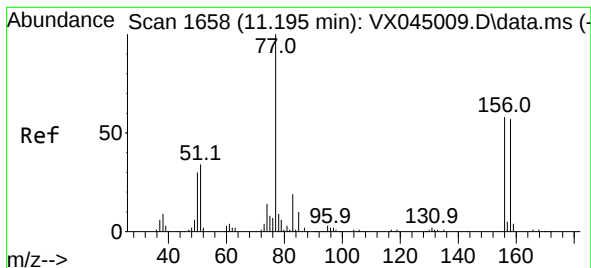
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#72
1,2,3-Trichloropropane
Concen: 19.403 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

Tgt Ion: 75 Resp: 33307
Ion Ratio Lower Upper
75 100
77 42.6 0.0 84.0





#73

Bromobenzene

Concen: 20.049 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX045015.D

Acq: 21 Feb 2025 13:41

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBS01

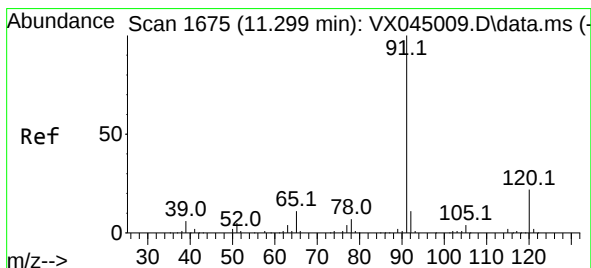
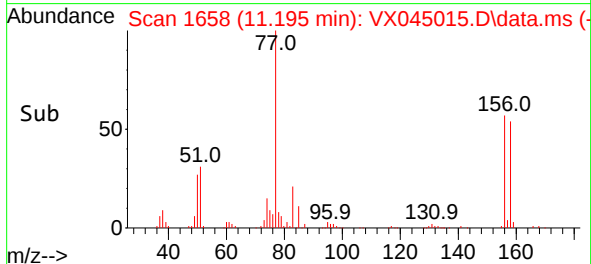
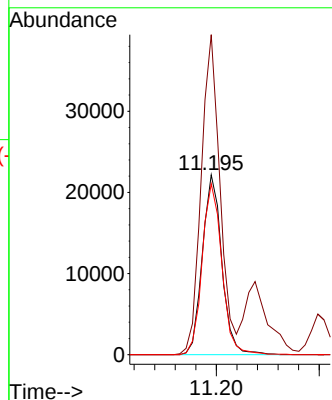
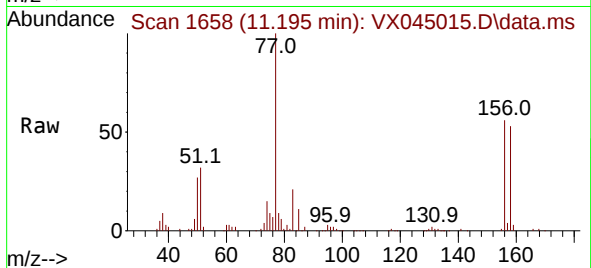
Tgt Ion:	156	Resp:	29294
Ion Ratio	Lower	Upper	
156	100		
77	171.7	0.0	347.2
158	96.0	0.0	197.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#74

n-propylbenzene

Concen: 19.927 ug/l

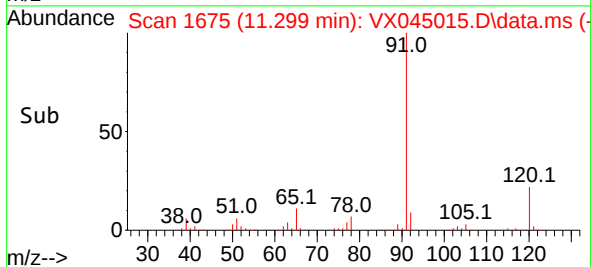
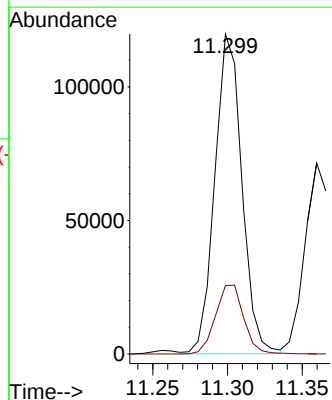
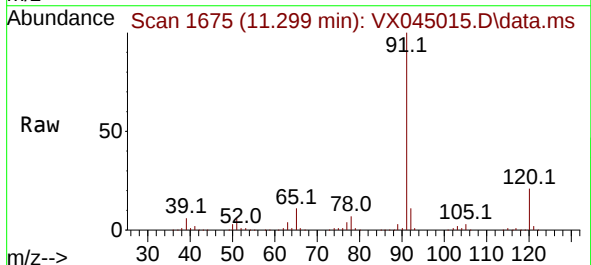
RT: 11.299 min Scan# 1675

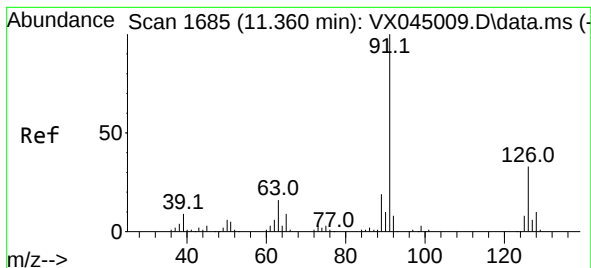
Delta R.T. -0.000 min

Lab File: VX045015.D

Acq: 21 Feb 2025 13:41

Tgt Ion:	91	Resp:	150510
Ion Ratio	Lower	Upper	
91	100		
120	22.5	0.0	44.2





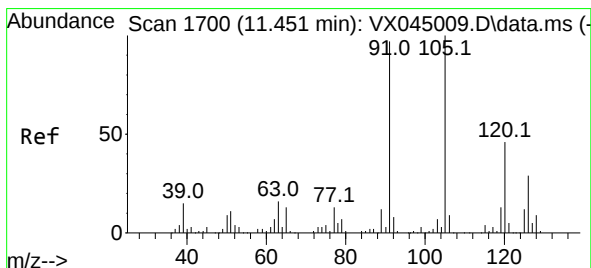
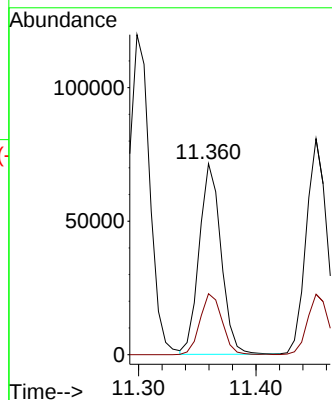
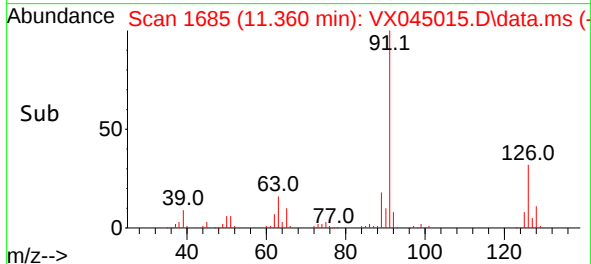
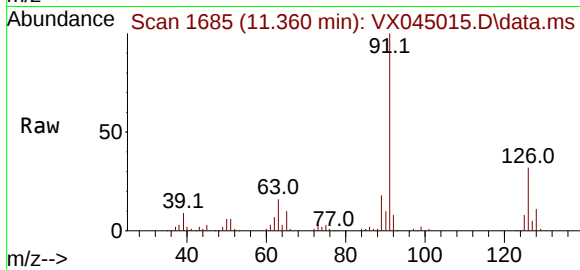
#75
2-Chlorotoluene
Concen: 20.260 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tgt Ion: 91 Resp: 92510
Ion Ratio Lower Upper
91 100
126 32.2 0.0 65.4

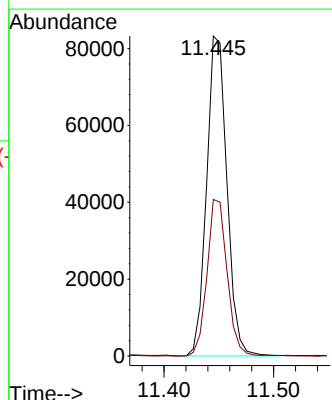
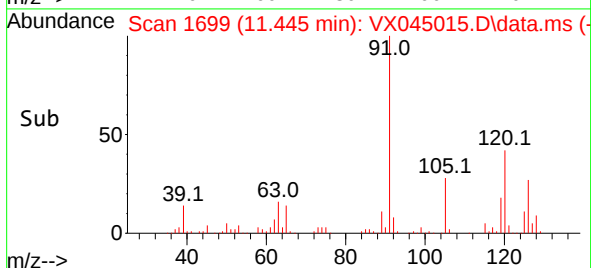
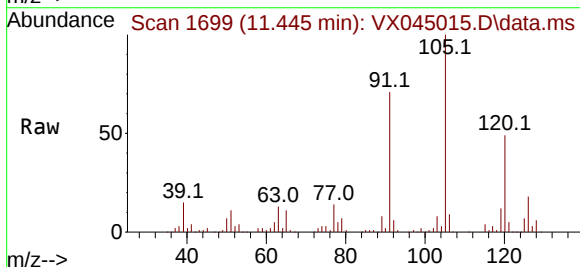
Manual Integrations
APPROVED

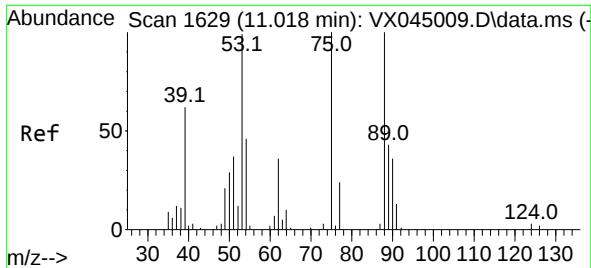
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#76
1,3,5-Trimethylbenzene
Concen: 20.447 ug/l
RT: 11.445 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

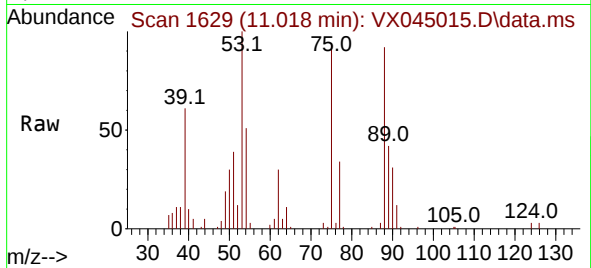
Tgt Ion:105 Resp: 107064
Ion Ratio Lower Upper
105 100
120 48.4 0.0 94.4





#77
t-1,4-Dichloro-2-butene
Concen: 17.559 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

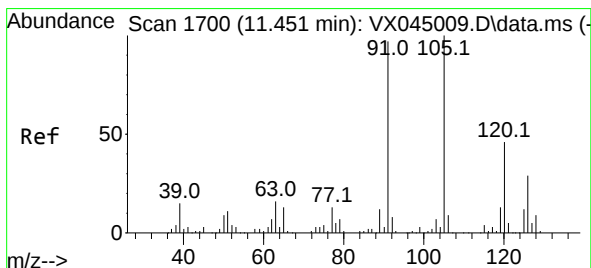
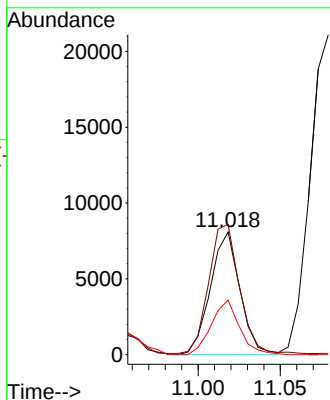
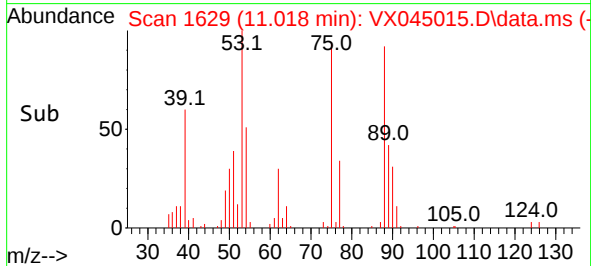
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



Tgt Ion: 75 Resp: 1014
Ion Ratio Lower Upper
75 100
53 105.2 49.8 149.4
89 44.4 21.4 64.2

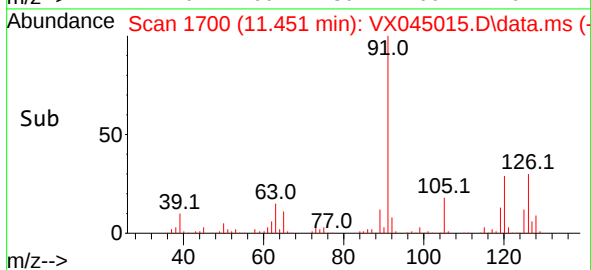
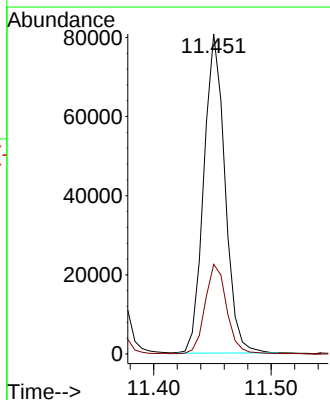
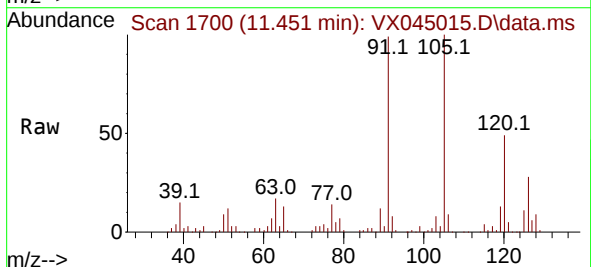
Manual Integrations
APPROVED

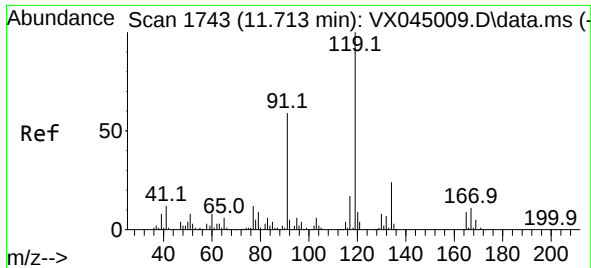
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#78
4-Chlorotoluene
Concen: 19.822 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

Tgt Ion: 91 Resp: 100894
Ion Ratio Lower Upper
91 100
126 28.4 0.0 58.0





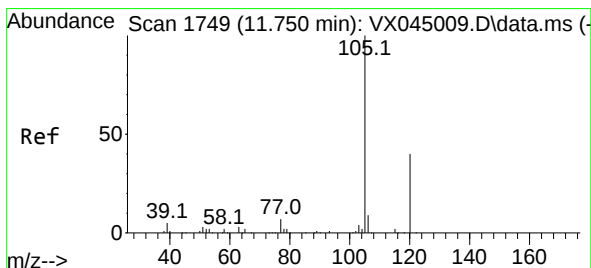
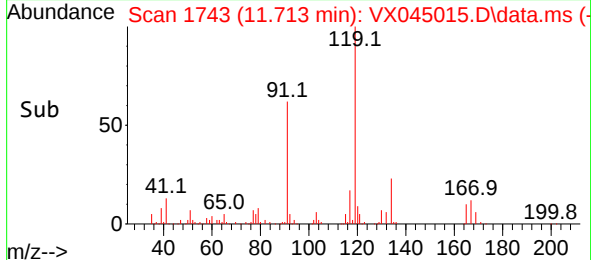
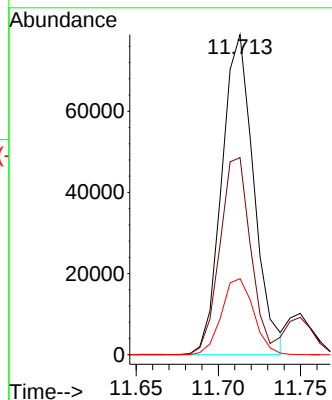
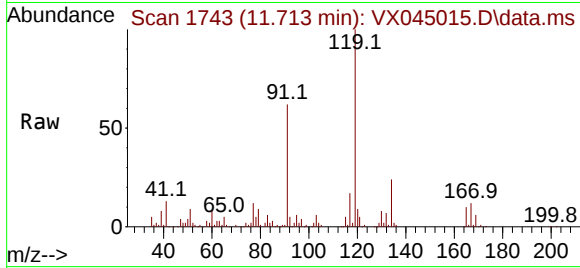
#79
tert-butylbenzene
Concen: 20.300 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tgt Ion:119 Resp: 107098
Ion Ratio Lower Upper
119 100
91 59.4 0.0 120.6
134 23.8 0.0 48.2

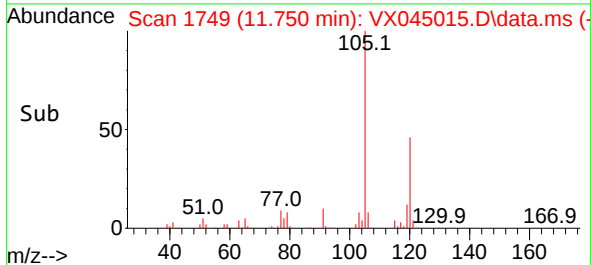
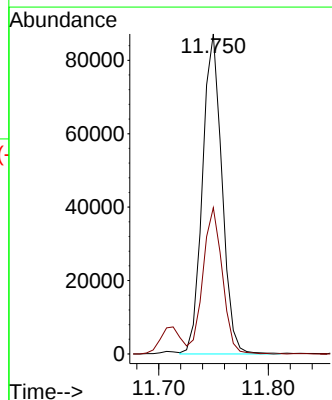
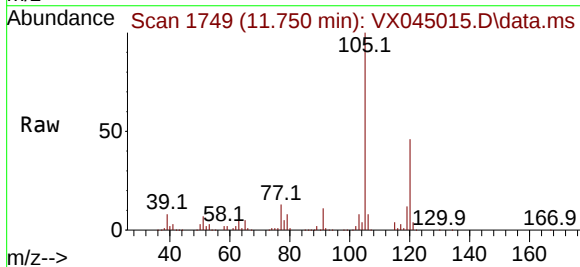
Manual Integrations
APPROVED

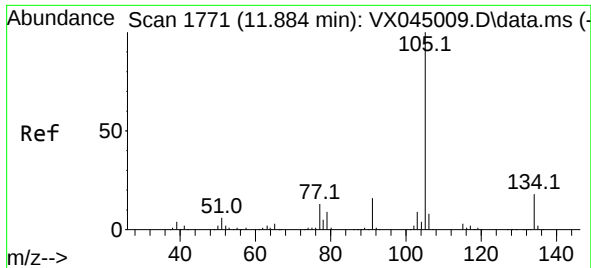
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#80
1,2,4-Trimethylbenzene
Concen: 20.500 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

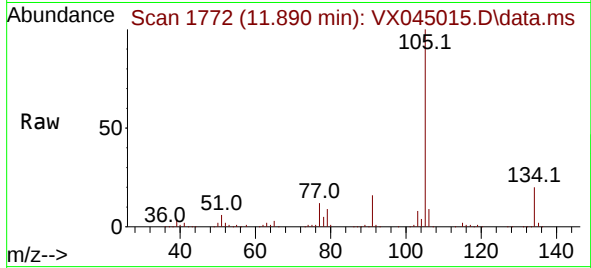
Tgt Ion:105 Resp: 107525
Ion Ratio Lower Upper
105 100
120 45.5 0.0 88.4





#81
 sec-Butylbenzene
 Concen: 20.598 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.006 min
 Lab File: VX045015.D
 Acq: 21 Feb 2025 13:41

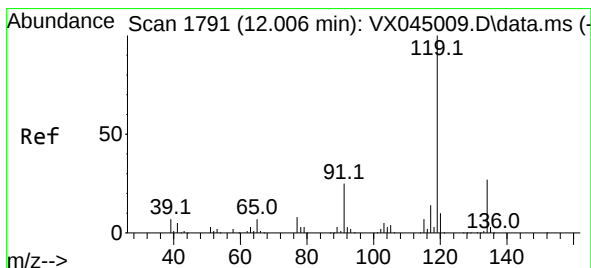
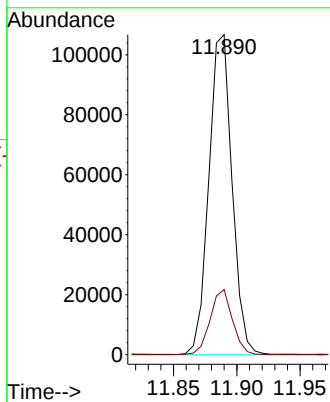
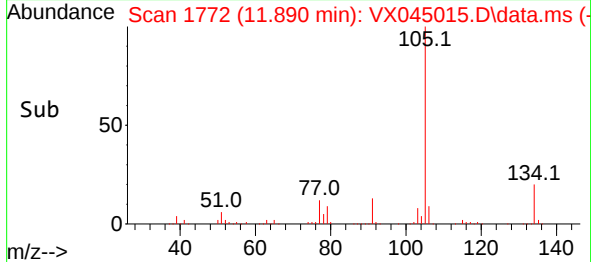
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBS01



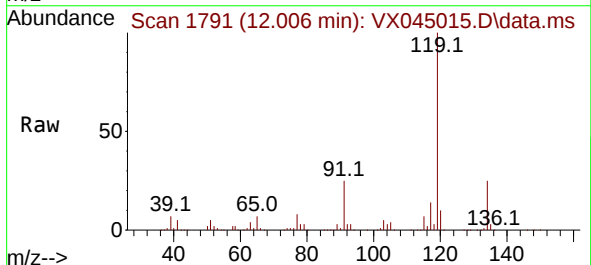
Tgt Ion:105 Resp: 13638
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 39.0

Manual Integrations
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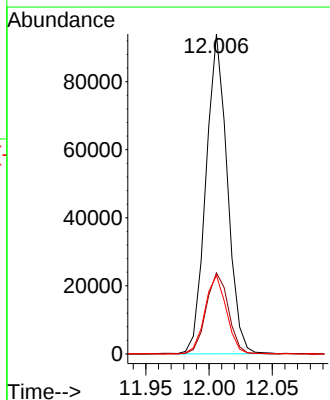
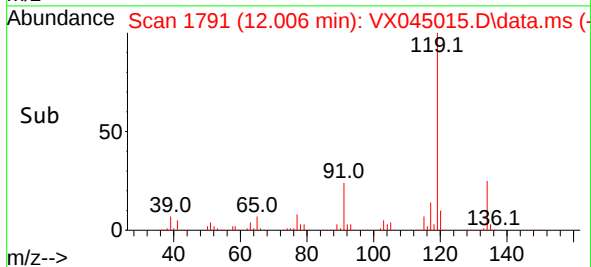
Reviewed By :John Carlone 02/24/2025
 Supervised By :Mahesh Dadoda 02/24/2025

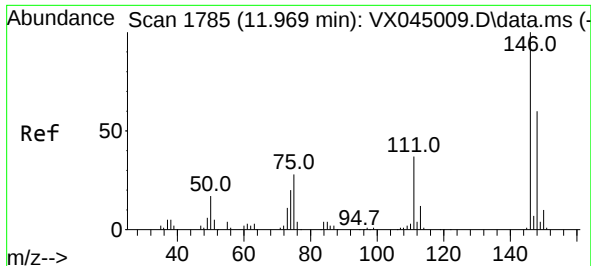


#82
 p-Isopropyltoluene
 Concen: 20.536 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045015.D
 Acq: 21 Feb 2025 13:41



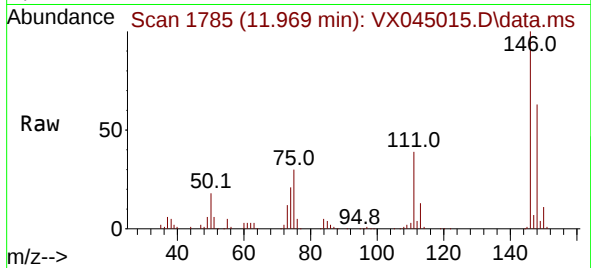
Tgt Ion:119 Resp: 110175
 Ion Ratio Lower Upper
 119 100
 134 26.4 0.0 52.6
 91 24.9 0.0 51.0





#83
1,3-Dichlorobenzene
Concen: 20.190 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

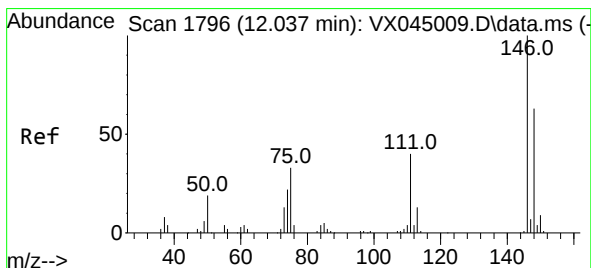
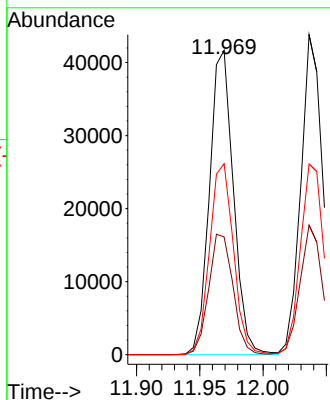
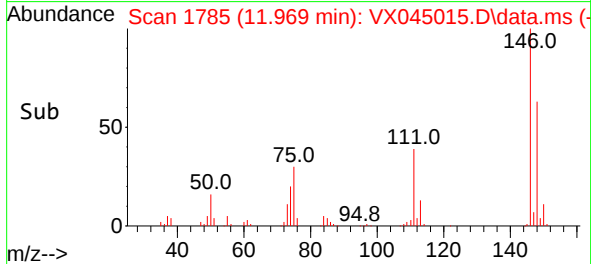
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



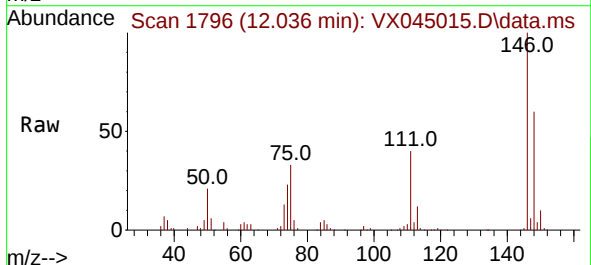
Tgt Ion:146 Resp: 5488
Ion Ratio Lower Upper
146 100
111 40.3 20.2 60.5
148 62.7 31.2 93.6

Manual Integrations
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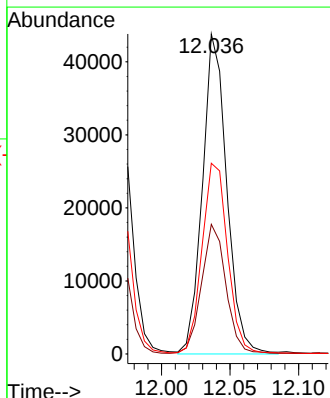
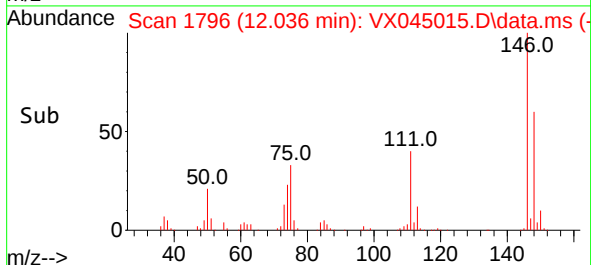
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

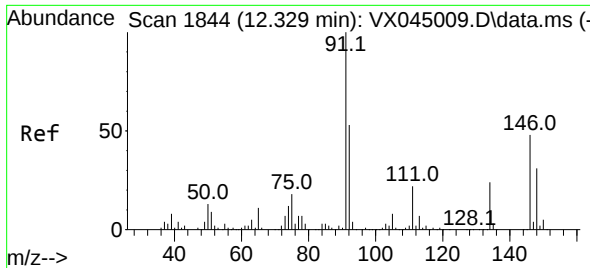


#84
1,4-Dichlorobenzene
Concen: 20.206 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41



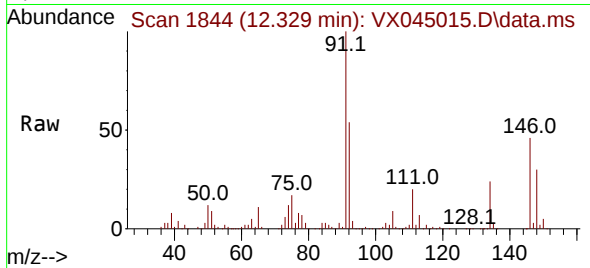
Tgt Ion:146 Resp: 54160
Ion Ratio Lower Upper
146 100
111 40.8 20.4 61.2
148 62.6 31.8 95.4





#85
n-Butylbenzene
Concen: 20.166 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

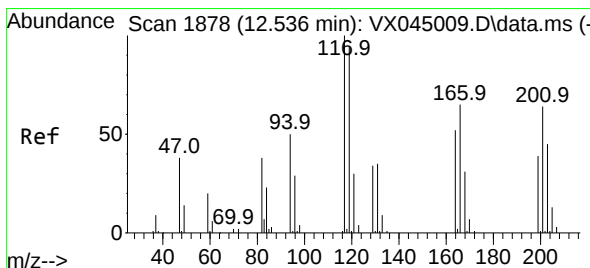
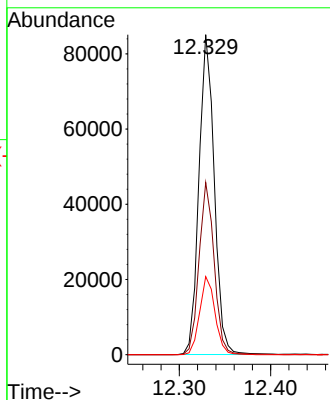
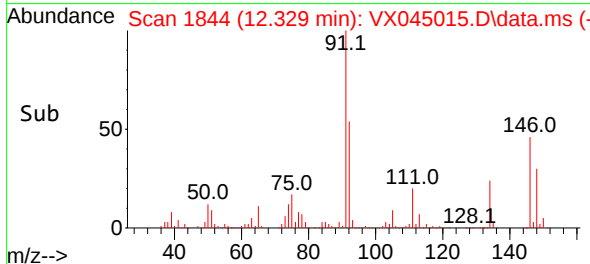
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



Tgt Ion: 91 Resp: 9879
Ion Ratio Lower Upper
91 100
92 53.1 0.0 105.2
134 24.6 0.0 49.4

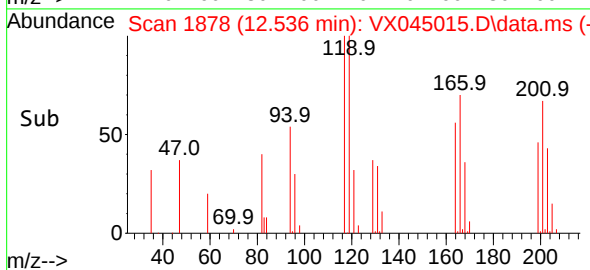
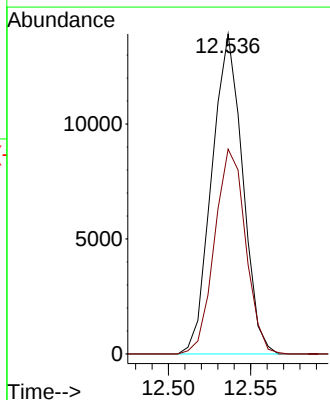
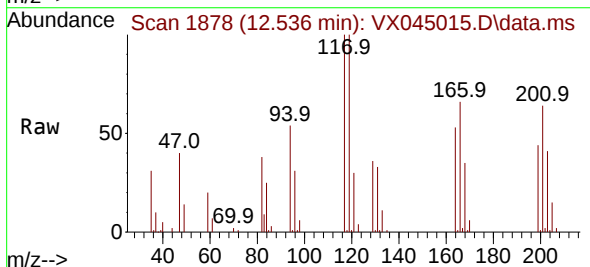
Manual Integrations
APPROVED

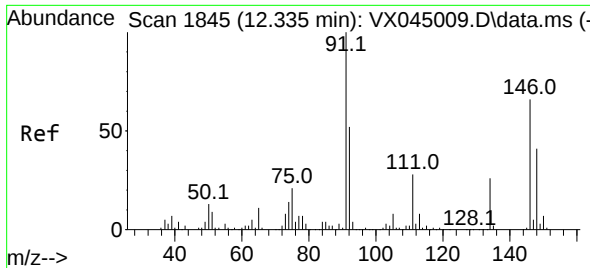
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#86
Hexachloroethane
Concen: 19.155 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

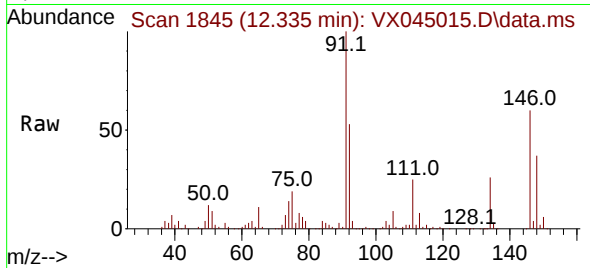
Tgt Ion:117 Resp: 18124
Ion Ratio Lower Upper
117 100
201 64.5 32.6 97.7





#87
1,2-Dichlorobenzene
Concen: 20.424 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

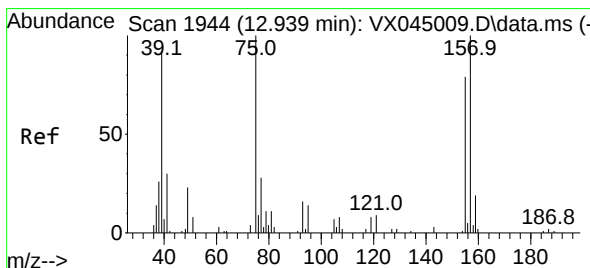
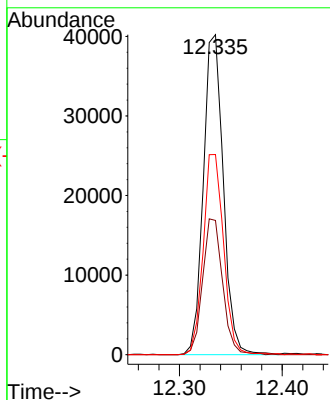
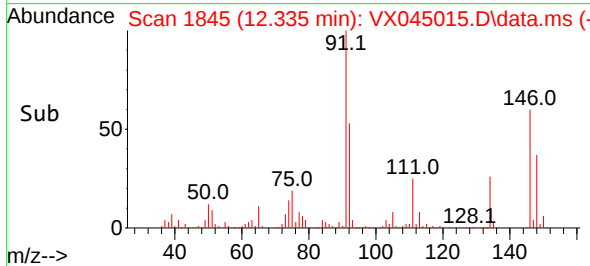
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



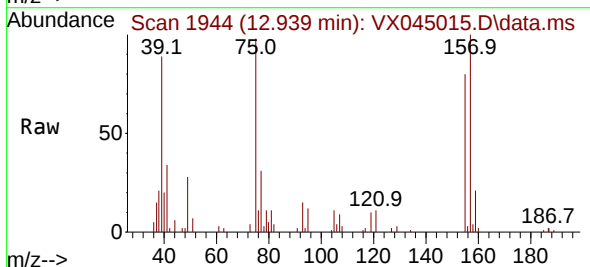
Tgt Ion:146 Resp: 54478
Ion Ratio Lower Upper
146 100
111 42.5 21.7 65.1
148 63.6 31.8 95.4

Manual Integrations
APPROVED

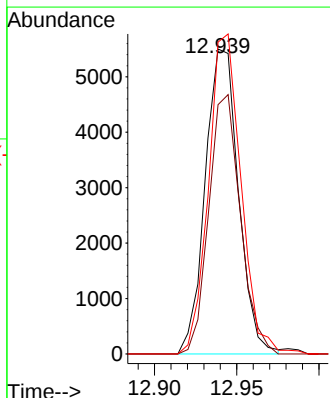
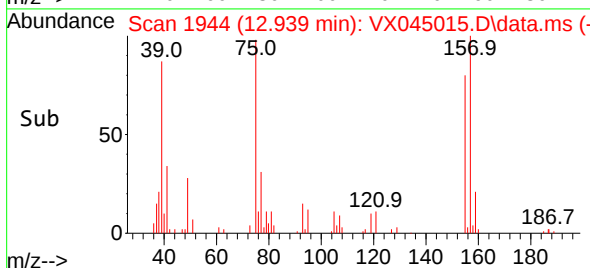
Reviewed By :John Carbone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

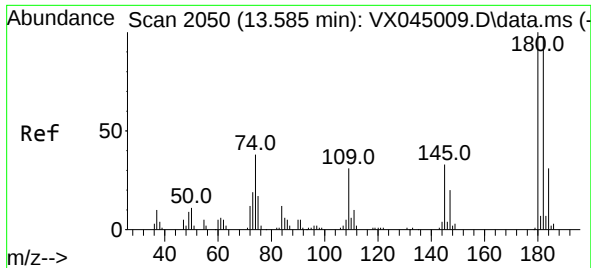


#88
1,2-Dibromo-3-Chloropropane
Concen: 19.107 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41



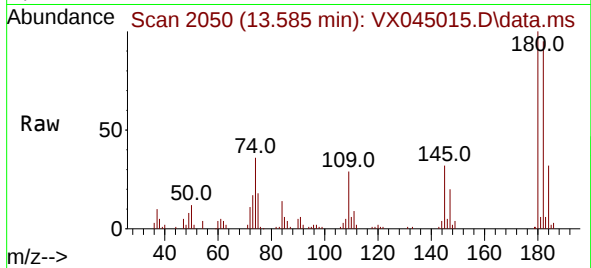
Tgt Ion: 75 Resp: 7721
Ion Ratio Lower Upper
75 100
155 80.9 66.2 99.4
157 102.5 81.4 122.2





#89
1,2,4-Trichlorobenzene
Concen: 19.783 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

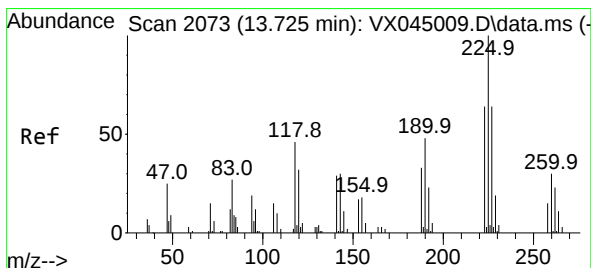
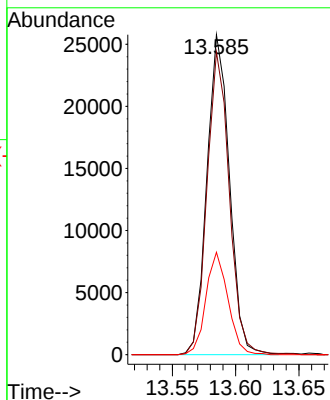
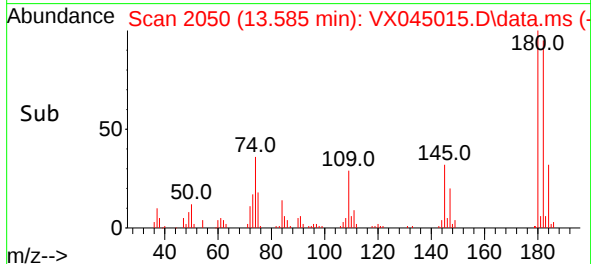
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



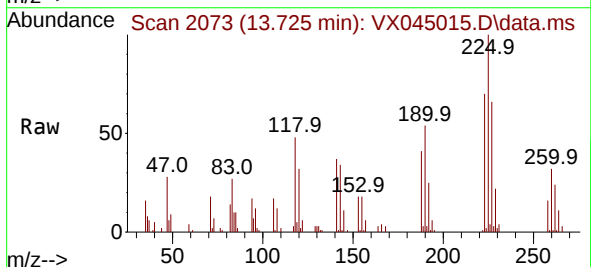
Tgt Ion:180 Resp: 3198
Ion Ratio Lower Upper
180 100
182 93.7 77.7 116.5
145 31.3 25.8 38.6

Manual Integrations
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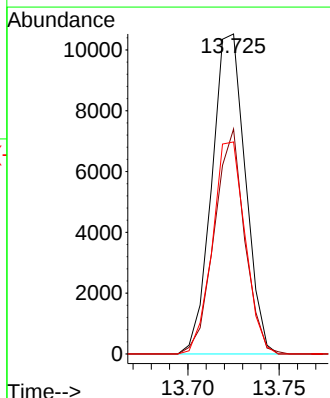
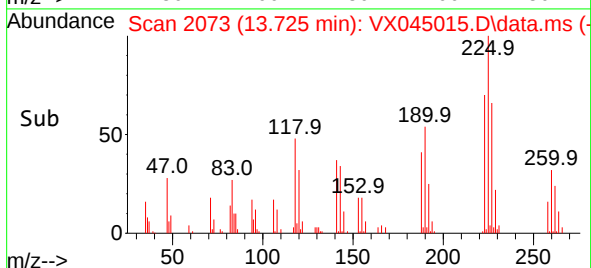
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

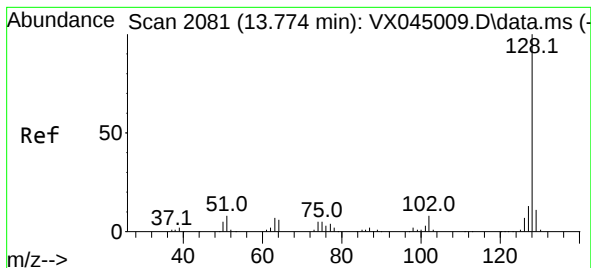


#90
Hexachlorobutadiene
Concen: 20.395 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41



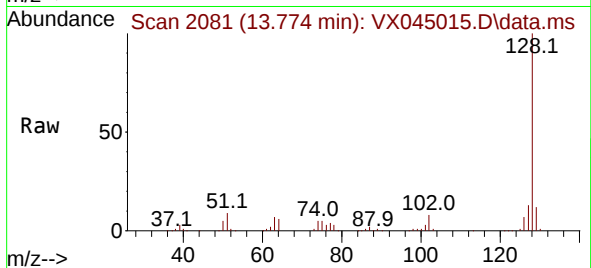
Tgt Ion:225 Resp: 13446
Ion Ratio Lower Upper
225 100
223 63.4 0.0 123.4
227 64.6 0.0 127.4





#91
Naphthalene
Concen: 20.175 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41

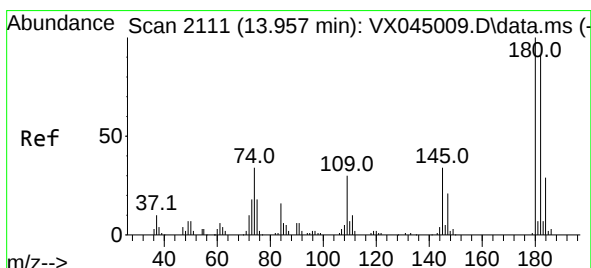
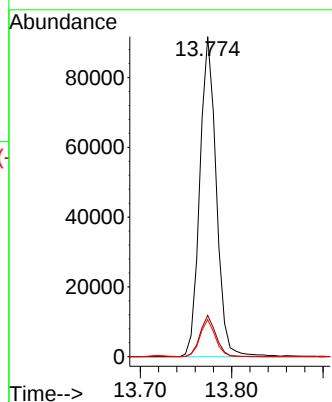
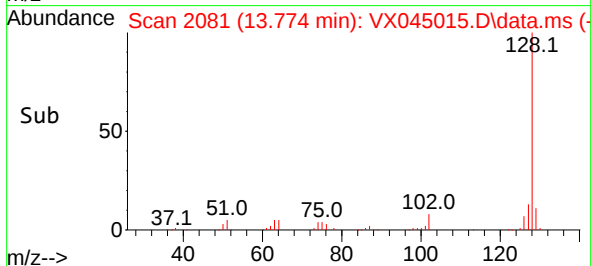
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



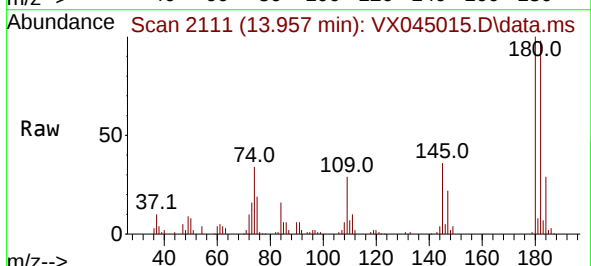
Tgt Ion:128 Resp: 115009
Ion Ratio Lower Upper
128 100
127 12.4 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#92
1,2,3-Trichlorobenzene
Concen: 19.672 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX045015.D
Acq: 21 Feb 2025 13:41



Tgt Ion:180 Resp: 32741
Ion Ratio Lower Upper
180 100
182 95.9 0.0 186.6
145 34.8 0.0 68.4

