

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022425\
 Data File : VX045024.D
 Acq On : 24 Feb 2025 11:53
 Operator : JC/MD
 Sample : VX0224WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0224WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/25/2025
 Supervised By : Mahesh Dadoda 02/25/2025

Quant Time: Feb 25 00:29:27 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	16604	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.751	114	88900	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	81244	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	49121	30.459	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.533%			
60) 4-Bromofluorobenzene	11.079	95	43806	28.847	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 96.167%			
63) Toluene-d8	8.641	98	136383	30.344	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.133%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	26324m	18.807	ug/l	
3) Chloromethane	1.300	50	30324	18.088	ug/l	96
4) Vinyl Chloride	1.374	62	29630	18.316	ug/l	98
5) Bromomethane	1.593	94	9983	17.729	ug/l	97
6) Chloroethane	1.660	64	16550m	18.889	ug/l	
7) Trichlorofluoromethane	1.861	101	40351	18.559	ug/l	97
8) Diethyl Ether	2.136	74	15553	18.906	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.313	101	24733	19.153	ug/l	97
10) 1,1-Dichloroethene	2.300	96	23576	18.692	ug/l	91
11) Methyl Iodide	2.441	142	20425	14.307	ug/l	95
12) Methyl Acetate	2.703	43	33297	22.733	ug/l	98
13) Acrolein	2.239	56	33436	113.888	ug/l	99
14) Acrylonitrile	3.062	53	74461	104.078	ug/l	99
15) Acetone	2.386	58	19870	101.267	ug/l	98
16) Carbon Disulfide	2.495	76	58738	16.418	ug/l	100
17) Allyl chloride	2.654	41	43864	18.593	ug/l	98
18) Methylene Chloride	2.782	84	27840	19.624	ug/l	99
19) trans-1,2-Dichloroethene	3.081	96	24028	18.829	ug/l	92
20) Diisopropyl ether	3.757	45	91339	20.148	ug/l	86
21) 1,1-Dichloroethane	3.593	63	48474	19.226	ug/l	99
22) cis-1,2-Dichloroethene	4.477	96	30206	19.753	ug/l	99
23) tert-Butyl Alcohol	3.020	59	25189m	100.852	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	84746	20.586	ug/l	100
25) Chloroform	5.080	83	48510	19.920	ug/l	100
26) Cyclohexane	5.458	56	45325	19.476	ug/l #	98
29) 1,1-Dichloropropene	5.678	75	31940	19.531	ug/l	100
30) 2-Butanone	4.562	43	101232	107.174	ug/l	99
31) 2,2-Dichloropropane	4.465	77	33816	18.287	ug/l	99
32) 1,1,1-Trichloroethane	5.367	97	38081	19.219	ug/l	99
33) Carbon Tetrachloride	5.666	117	31633	18.917	ug/l	97
34) Benzene	6.025	78	106479	20.763	ug/l	99
35) Methacrylonitrile	4.922	41	21426	21.198	ug/l	95
36) 1,2-Dichloroethane	6.080	62	36275	20.660	ug/l	100
37) Trichloroethene	7.117	130	23522	19.605	ug/l	95
38) Methylcyclohexane	7.373	83	43443	19.785	ug/l	97
39) 1,2-Dichloropropane	7.421	63	26718	20.956	ug/l	99
40) Dibromomethane	7.580	93	19319	21.115	ug/l	99
41) Bromodichloromethane	7.818	83	35985	19.789	ug/l	97
42) Vinyl Acetate	3.715	43	377761	103.061	ug/l	100

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Manual Integrations
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Quant Time: Feb 25 00:29:27 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)
43) Ethyl Acetate	4.708	43	40277	22.738	ug/l #	76
44) Isopropyl Acetate	6.336	43	62576	21.464	ug/l	98
45) 1,4-Dioxane	7.671	88	12259	404.492	ug/l #	87
46) Methyl methacrylate	7.690	41	29625	20.723	ug/l	98
47) n-amyl Acetate	10.841	43	50291	19.879	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	33040	18.850	ug/l	99
49) cis-1,3-Dichloropropene	8.360	75	38852	19.581	ug/l	98
50) 1,1,2-Trichloroethane	9.147	97	25876	21.683	ug/l	94
51) Ethyl methacrylate	9.116	69	37844	20.163	ug/l	100
52) 1,3-Dichloropropane	9.305	76	44771	21.410	ug/l	99
53) Dibromochloromethane	9.519	129	26017	19.711	ug/l	97
54) 1,2-Dibromoethane	9.604	107	25014	20.641	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	91302	94.727	ug/l	100
56) Bromoform	10.799	173	15223	18.406	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	201273	108.906	ug/l	99
59) 2-Hexanone	9.433	43	142172	106.428	ug/l	98
61) Tetrachloroethene	9.269	164	20061	20.052	ug/l	97
62) Toluene	8.714	91	109370	20.322	ug/l	99
64) Chlorobenzene	10.079	112	67909	20.363	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	21664	19.687	ug/l	99
66) Ethyl Benzene	10.189	91	116788	19.821	ug/l	98
67) m/p-Xylenes	10.299	106	88027	40.098	ug/l	100
68) o-Xylene	10.640	106	44294	20.564	ug/l	98
69) Styrene	10.652	104	71679	19.925	ug/l	99
70) Isopropylbenzene	10.957	105	110596	19.897	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	39649	21.692	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	30829m	20.506	ug/l	
73) Bromobenzene	11.195	156	25949	20.279	ug/l	98
74) n-propylbenzene	11.299	91	126198	19.078	ug/l	100
75) 2-Chlorotoluene	11.360	91	79307	19.832	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	90574	19.752	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	8645	17.091	ug/l	89
78) 4-Chlorotoluene	11.451	91	86944	19.504	ug/l	98
79) tert-butylbenzene	11.713	119	90634	19.616	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	89343	19.450	ug/l	98
81) sec-Butylbenzene	11.890	105	111197	19.176	ug/l	99
82) p-Isopropyltoluene	12.006	119	89216	18.988	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	45199	18.985	ug/l	97
84) 1,4-Dichlorobenzene	12.042	146	45120	19.221	ug/l	99
85) n-Butylbenzene	12.329	91	76977	17.941	ug/l	98
86) Hexachloroethane	12.536	117	14455	17.445	ug/l	98
87) 1,2-Dichlorobenzene	12.335	146	48551	20.783	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	6805	19.229	ug/l	96
89) 1,2,4-Trichlorobenzene	13.585	180	27303	19.284	ug/l	97
90) Hexachlorobutadiene	13.725	225	10979	19.015	ug/l	98
91) Naphthalene	13.774	128	103658	20.763	ug/l	100
92) 1,2,3-Trichlorobenzene	13.957	180	28733	19.712	ug/l	97

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

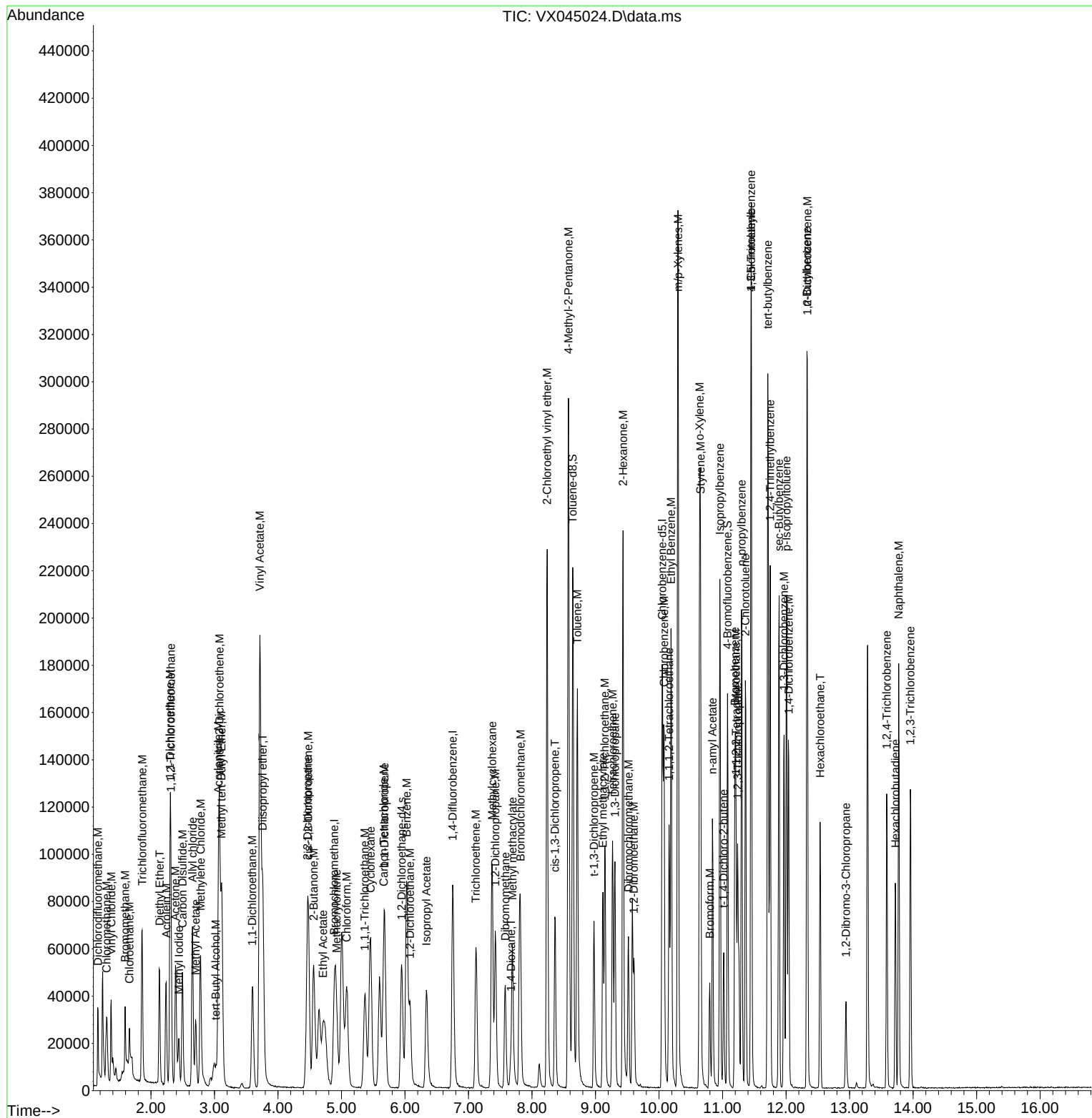
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022425\
Data File : VX045024.D
Acq On : 24 Feb 2025 11:53
Operator : JC/MD
Sample : VX0224WBSD01
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ALS Vial : 4 Sample Multiplier: 1

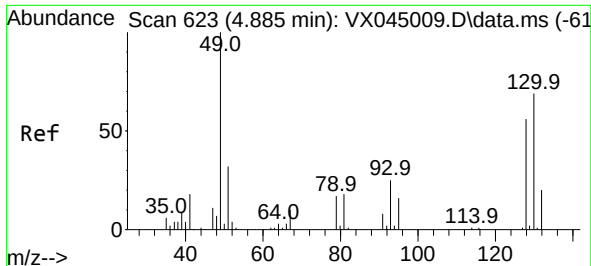
Instrument :
MSVOA_X
ClientSampleId :
VX0224WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

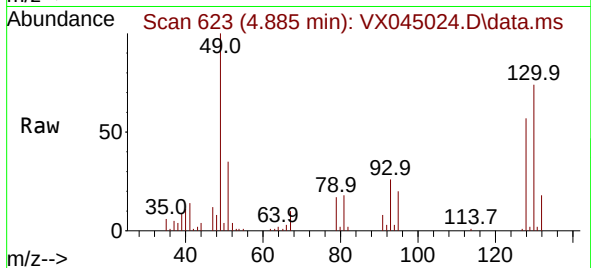
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Feb 22 01:06:36 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.885 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

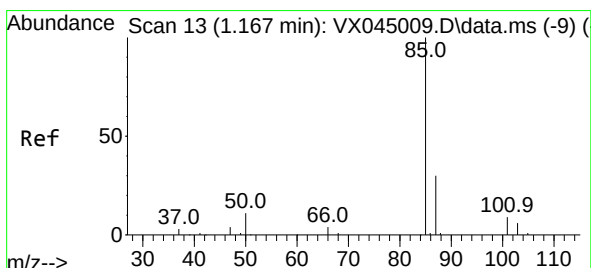
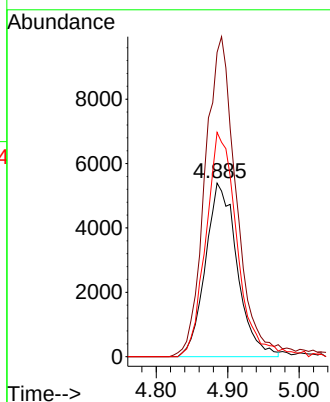
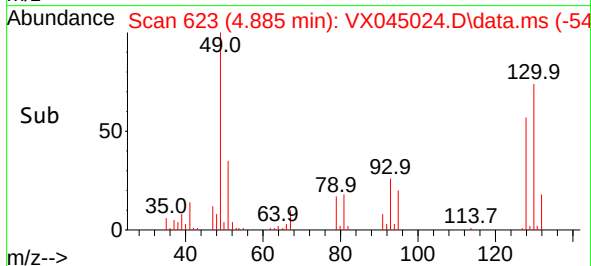
Instrument :
MSVOA_X
ClientSampleId :
VX0224WBSD01



Tgt Ion:128 Resp: 16604
Ion Ratio Lower Upper
128 100
49 181.2 0.0 449.7
130 126.0 0.0 312.7

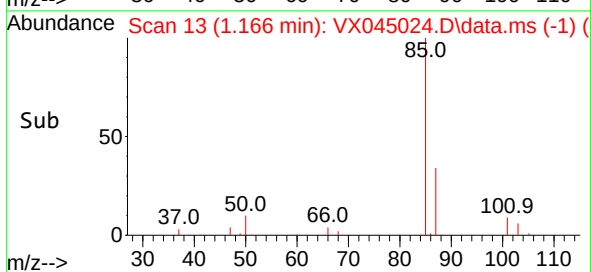
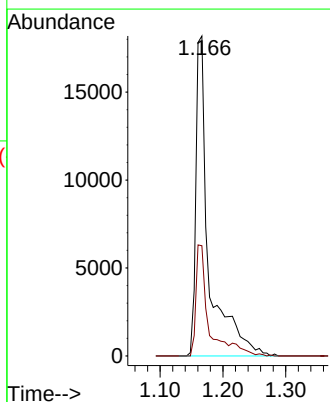
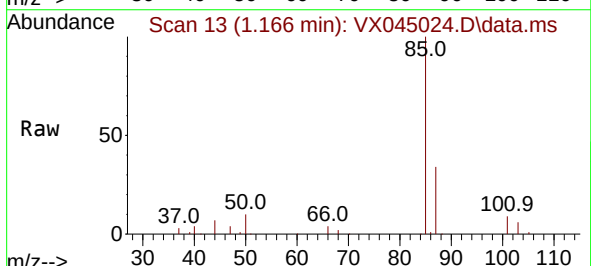
Manual Integrations
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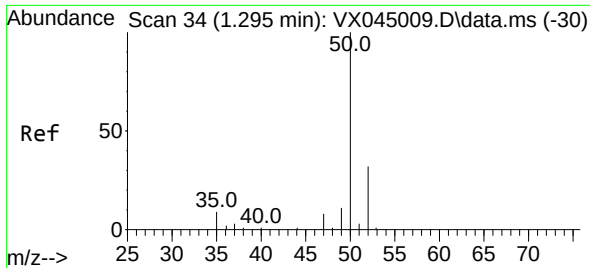
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#2
Dichlorodifluoromethane
Concen: 18.807 ug/l m
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

Tgt Ion: 85 Resp: 26324
Ion Ratio Lower Upper
85 100
87 34.5 15.1 45.3





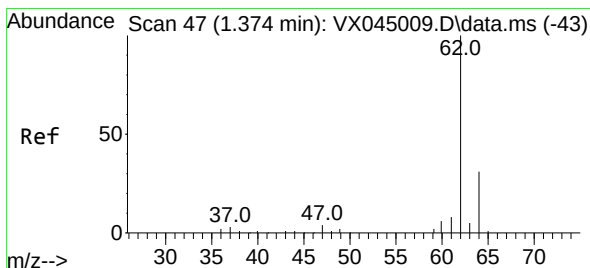
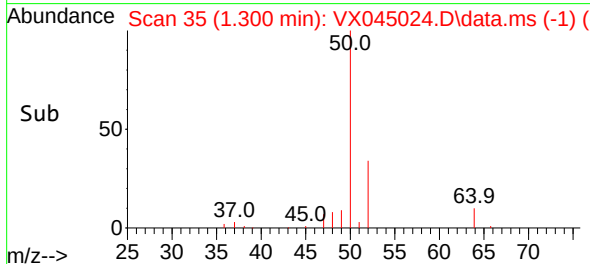
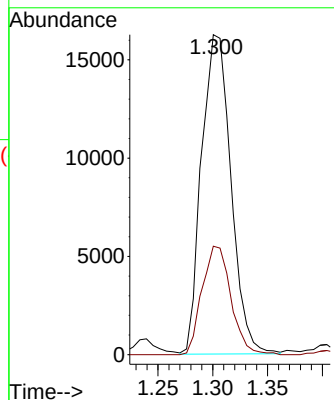
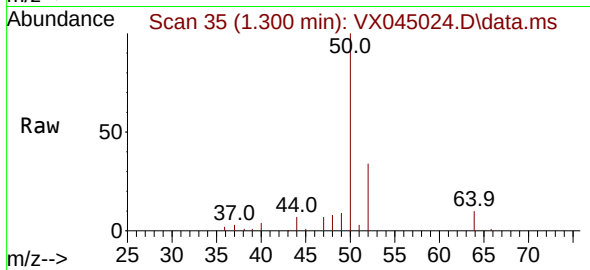
#3
Chloromethane
Concen: 18.088 ug/l
RT: 1.300 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX0224WBSD01

Tgt Ion: 50 Resp: 30324
Ion Ratio Lower Upper
50 100
52 34.1 25.7 38.5

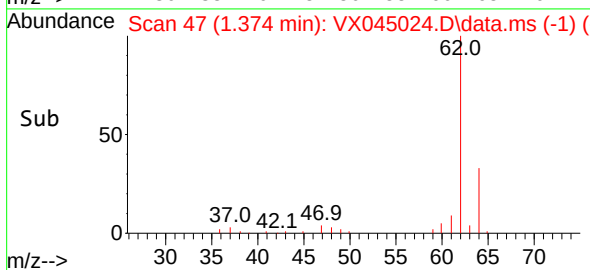
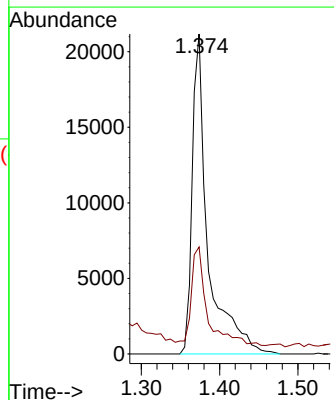
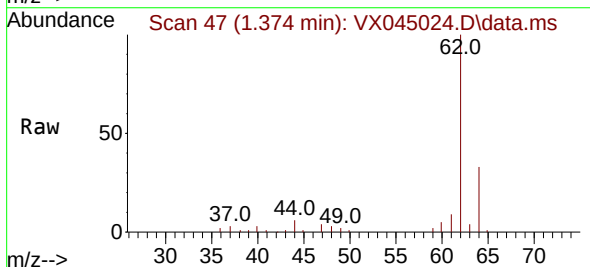
Manual Integrations
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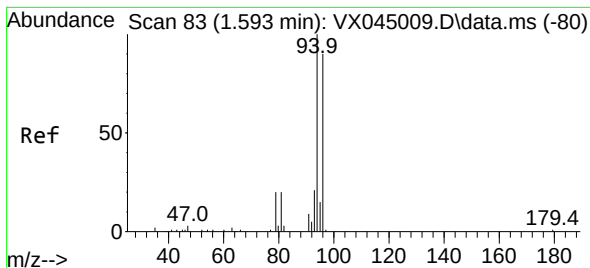
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#4
Vinyl Chloride
Concen: 18.316 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

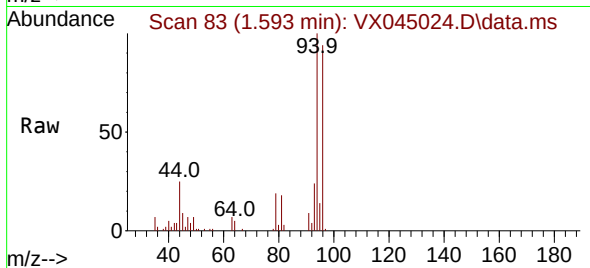
Tgt Ion: 62 Resp: 29630
Ion Ratio Lower Upper
62 100
64 30.3 25.1 37.7





#5
Bromomethane
Concen: 17.729 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

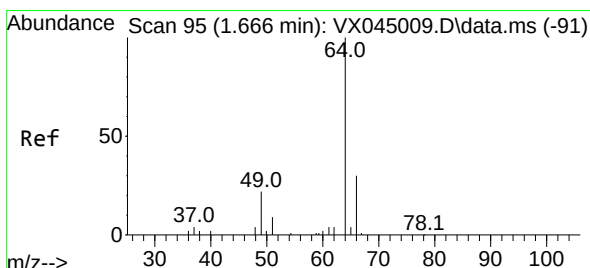
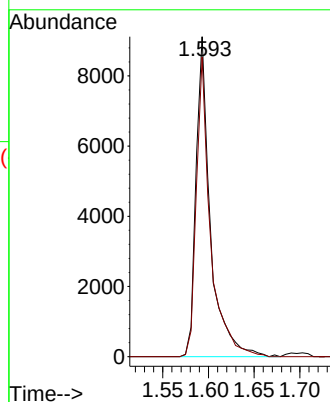
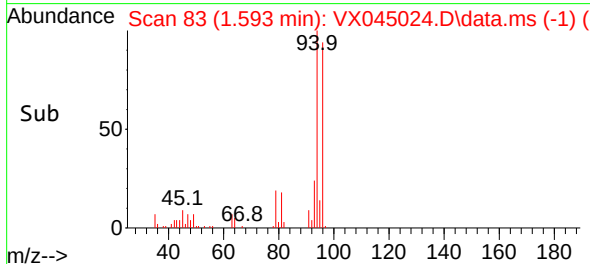
Instrument :
MSVOA_X
ClientSampleId :
VX0224WBSD01



Tgt Ion: 94 Resp: 998
Ion Ratio Lower Upper
94 100
96 93.6 72.2 108.4

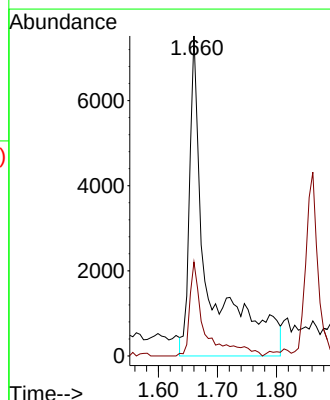
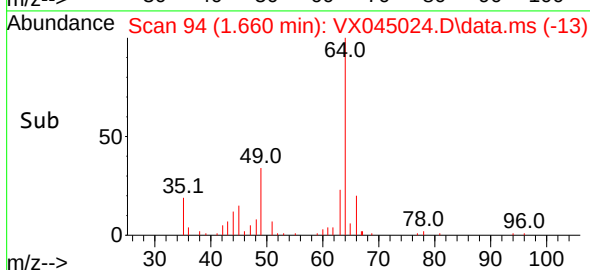
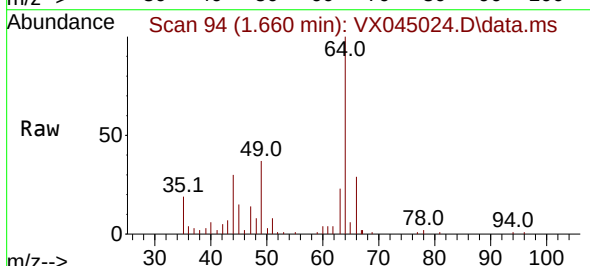
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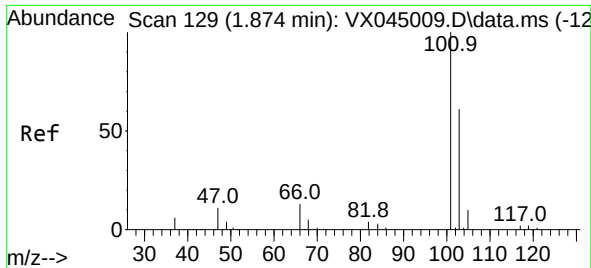
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#6
Chloroethane
Concen: 18.889 ug/l m
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

Tgt Ion: 64 Resp: 16550
Ion Ratio Lower Upper
64 100
66 29.4 23.7 35.5





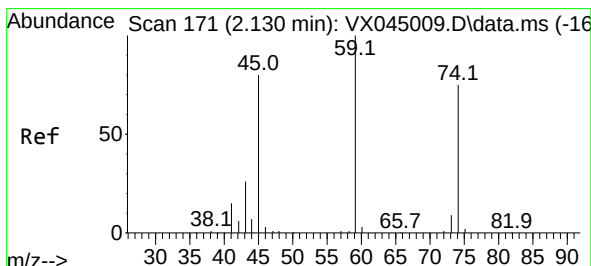
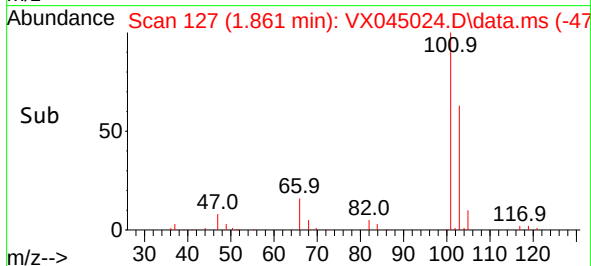
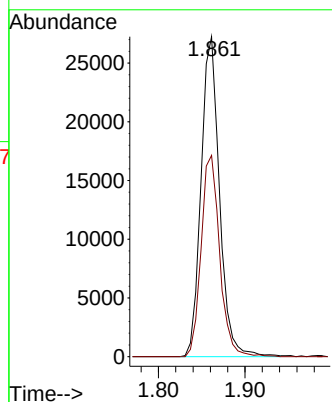
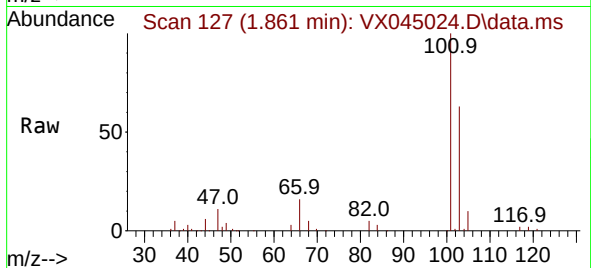
#7
Trichlorofluoromethane
Concen: 18.559 ug/l
RT: 1.861 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX0224WBSD01

Tgt Ion:101 Resp: 4035
Ion Ratio Lower Upper
101 100
103 62.9 48.8 73.2

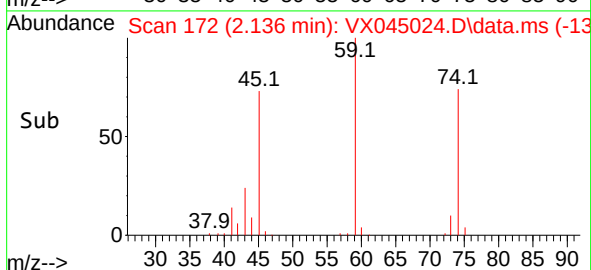
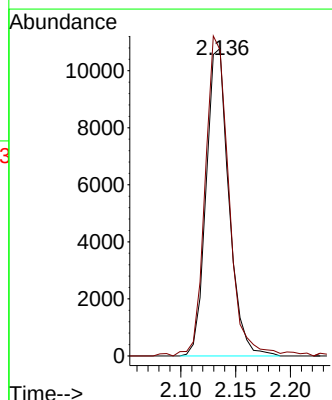
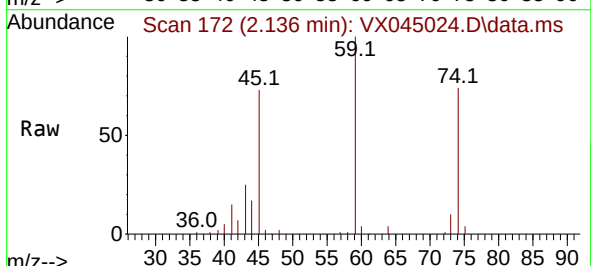
Manual Integrations
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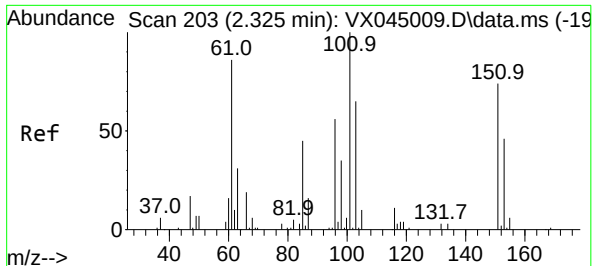
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#8
Diethyl Ether
Concen: 18.906 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

Tgt Ion: 74 Resp: 15553
Ion Ratio Lower Upper
74 100
45 107.7 20.8 186.8





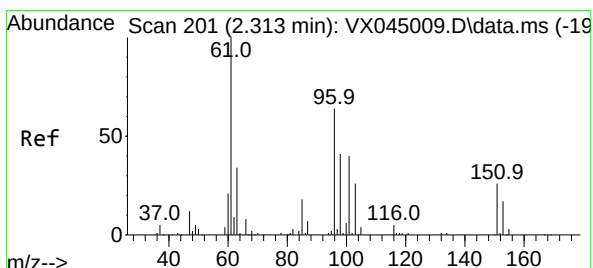
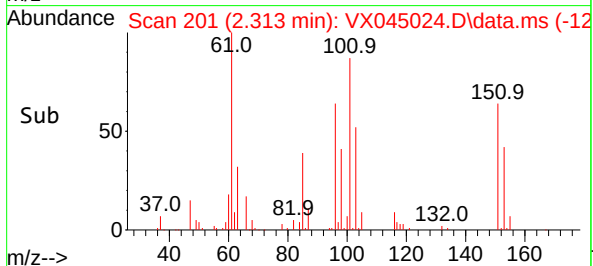
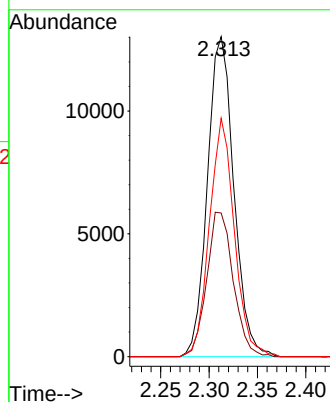
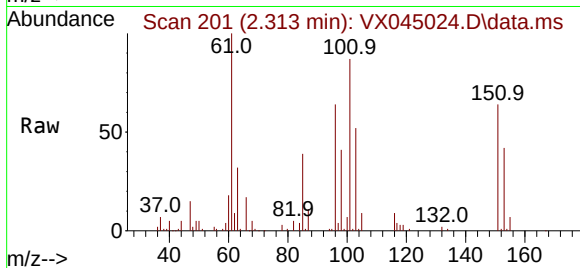
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.153 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.012 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX0224WBSD01

Tgt Ion:101 Resp: 2473
Ion Ratio Lower Upper
101 100
85 45.5 0.0 90.6
151 70.4 0.0 147.6

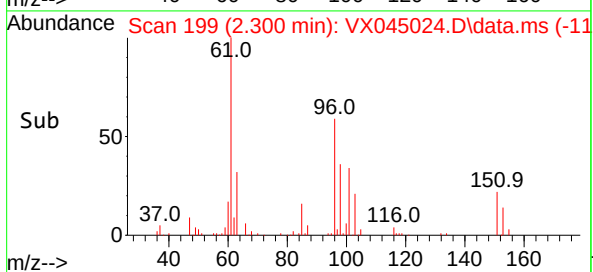
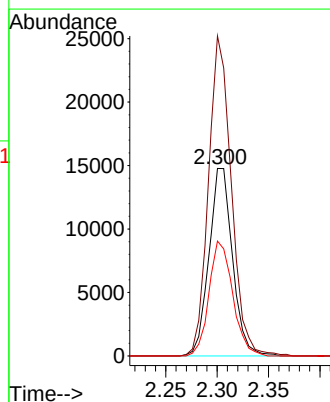
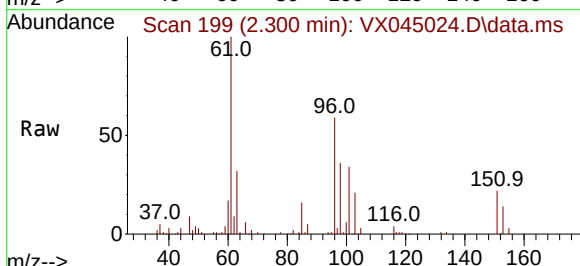
Manual Integrations
APPROVED

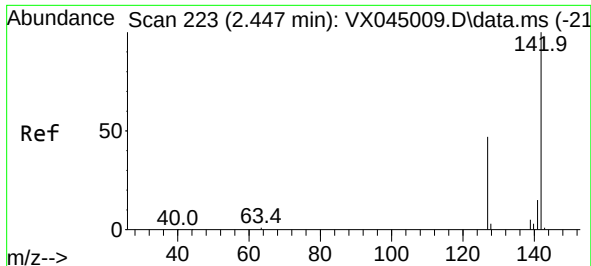
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#10
1,1-Dichloroethene
Concen: 18.692 ug/l
RT: 2.300 min Scan# 199
Delta R.T. -0.012 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

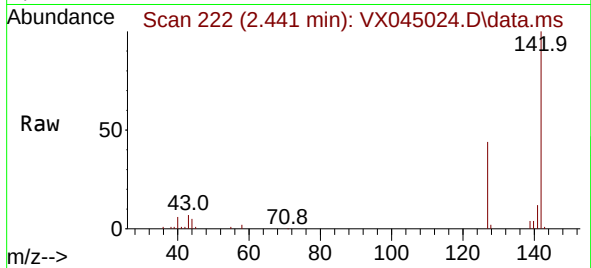
Tgt Ion: 96 Resp: 23576
Ion Ratio Lower Upper
96 100
61 170.7 124.2 186.2
98 61.3 51.1 76.7





#11
Methyl Iodide
Concen: 14.307 ug/l
RT: 2.441 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

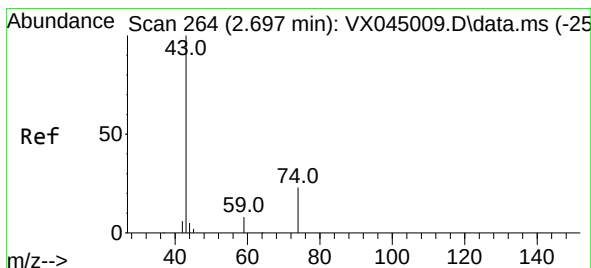
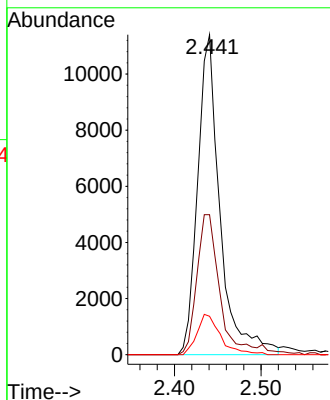
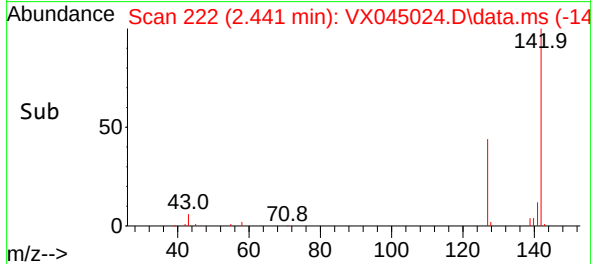
Instrument :
MSVOA_X
ClientSampleId :
VX0224WBSD01



Tgt Ion:142 Resp: 20425
Ion Ratio Lower Upper
142 100
127 43.8 23.3 69.9
141 12.1 7.5 22.6

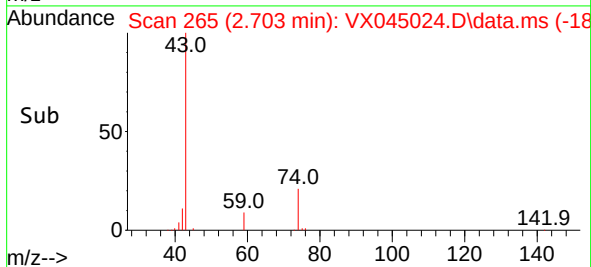
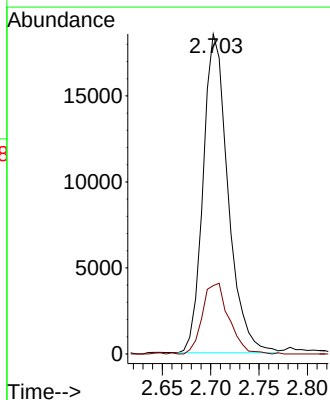
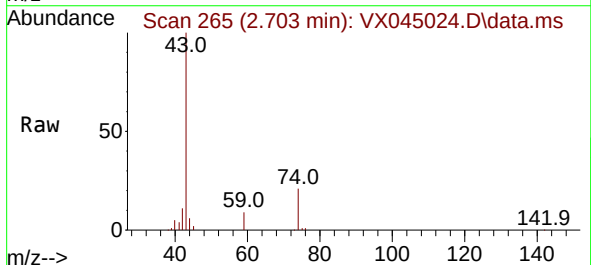
Manual Integrations
APPROVED

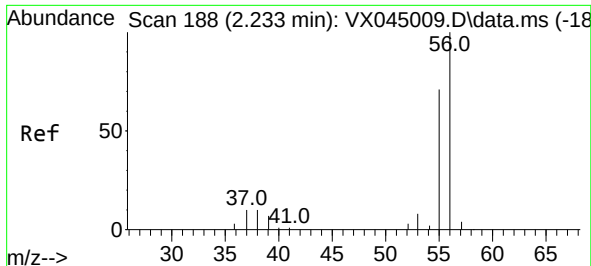
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#12
Methyl Acetate
Concen: 22.733 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

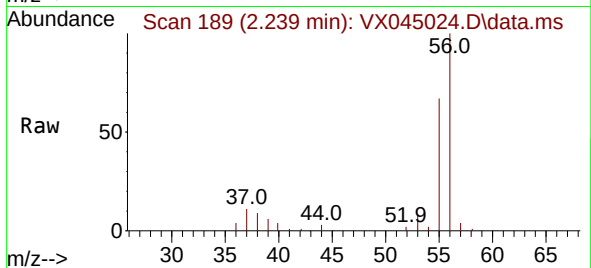
Tgt Ion: 43 Resp: 33297
Ion Ratio Lower Upper
43 100
74 21.3 17.9 26.9





#13
Acrolein
Concen: 113.888 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

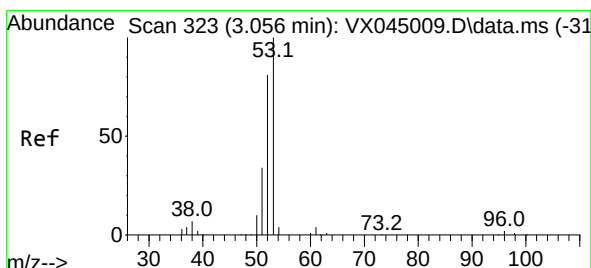
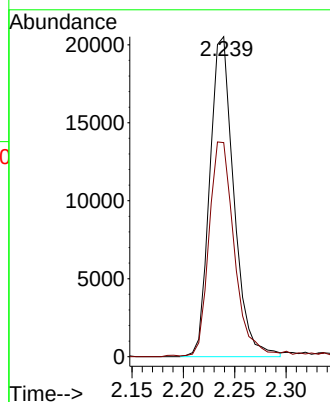
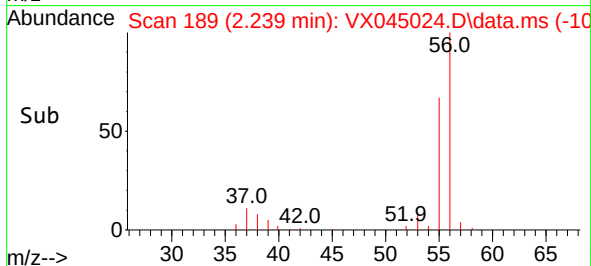
Instrument :
MSVOA_X
ClientSampleId :
VX0224WBSD01



Tgt Ion: 56 Resp: 33430
Ion Ratio Lower Upper
56 100
55 69.8 55.4 83.2

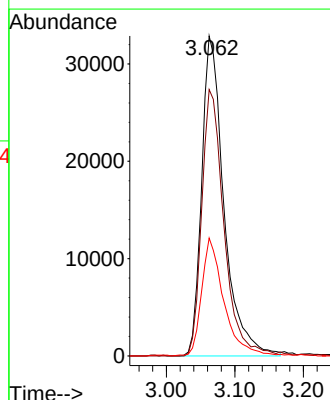
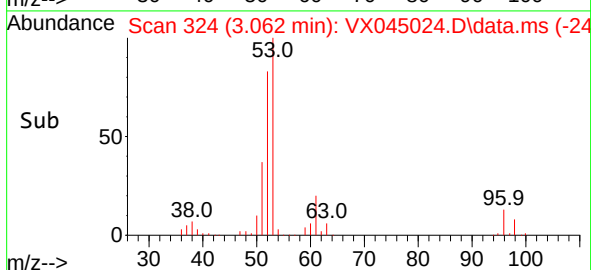
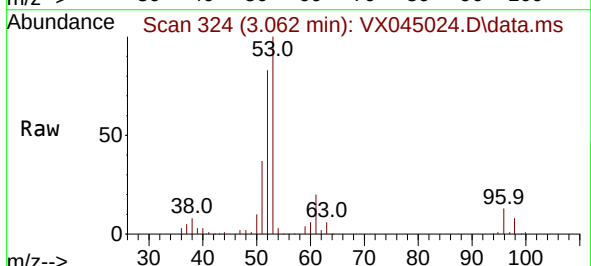
Manual Integrations
APPROVED

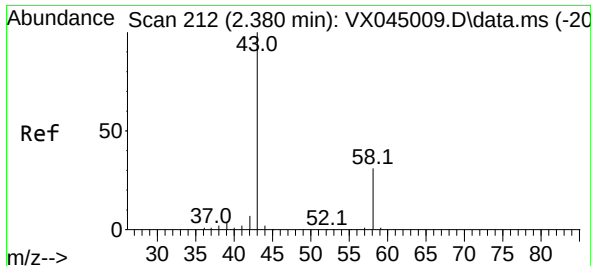
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#14
Acrylonitrile
Concen: 104.078 ug/l
RT: 3.062 min Scan# 324
Delta R.T. 0.006 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

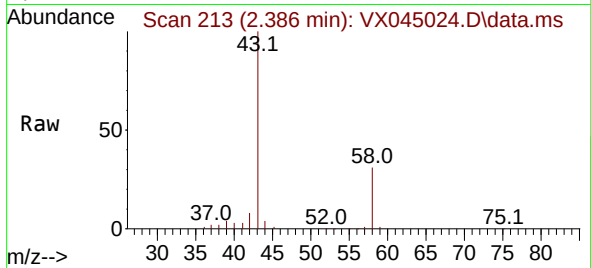
Tgt Ion: 53 Resp: 74461
Ion Ratio Lower Upper
53 100
52 82.8 40.9 122.8
51 36.9 18.0 54.0





#15
Acetone
Concen: 101.267 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

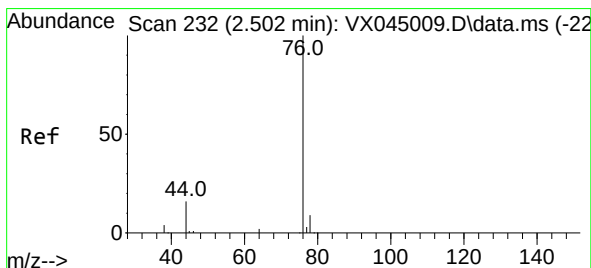
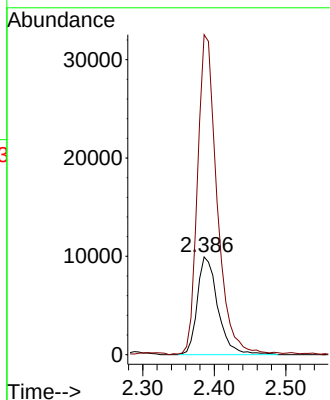
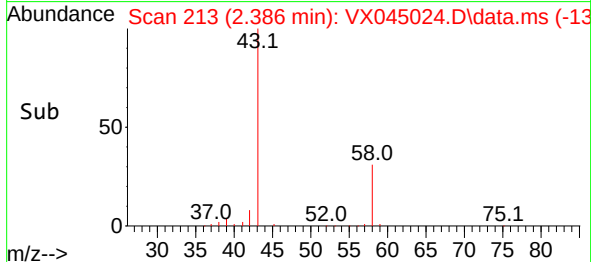
Instrument :
MSVOA_X
ClientSampleId :
VX0224WBSD01



Tgt Ion: 58 Resp: 19870
Ion Ratio Lower Upper
58 100
43 326.7 258.6 388.0

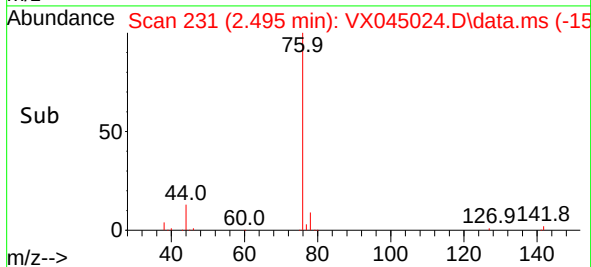
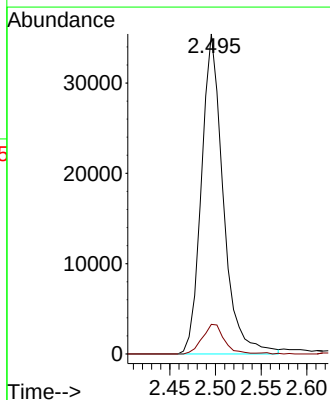
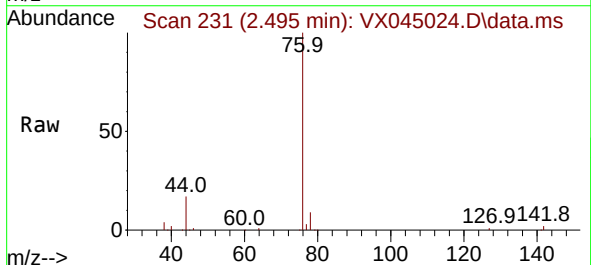
Manual Integrations
APPROVED

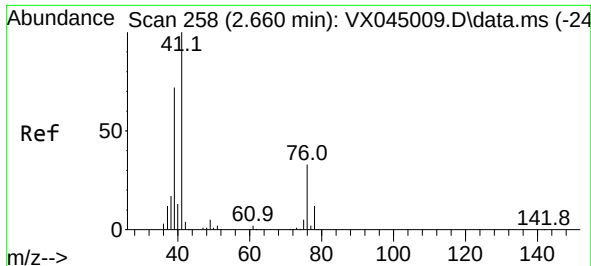
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#16
Carbon Disulfide
Concen: 16.418 ug/l
RT: 2.495 min Scan# 231
Delta R.T. -0.006 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

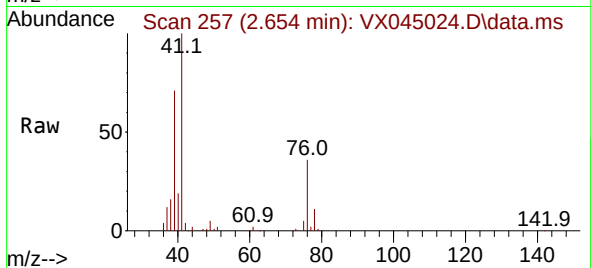
Tgt Ion: 76 Resp: 58738
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9





#17
 Allyl chloride
 Concen: 18.593 ug/l
 RT: 2.654 min Scan# 257
 Delta R.T. -0.006 min
 Lab File: VX045024.D
 Acq: 24 Feb 2025 11:53

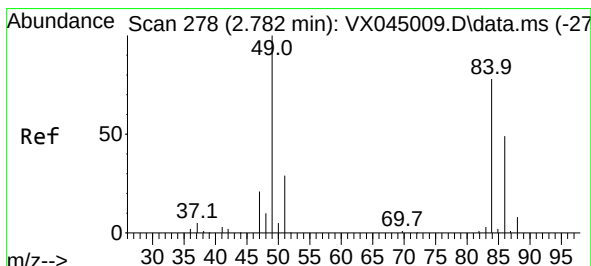
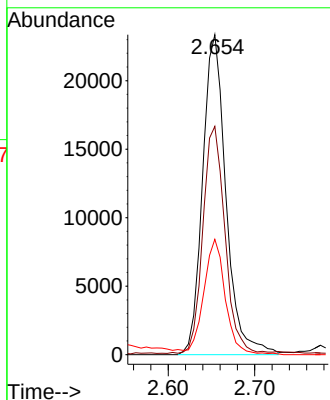
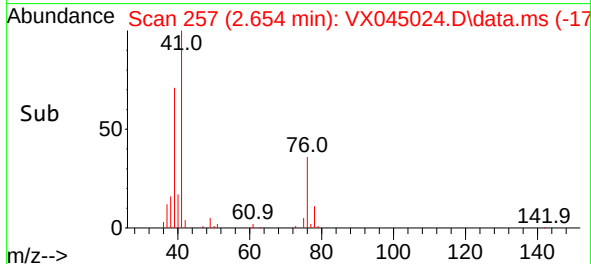
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0224WBSD01



Tgt Ion: 41 Resp: 43864
 Ion Ratio Lower Upper
 41 100
 39 70.9 36.2 108.6
 76 35.8 17.2 51.5

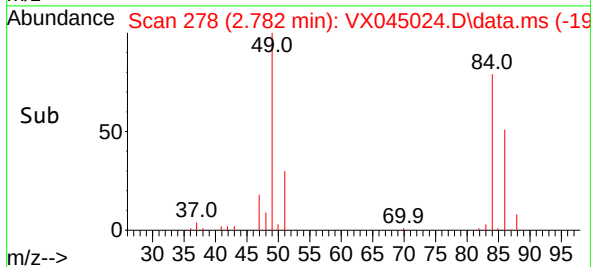
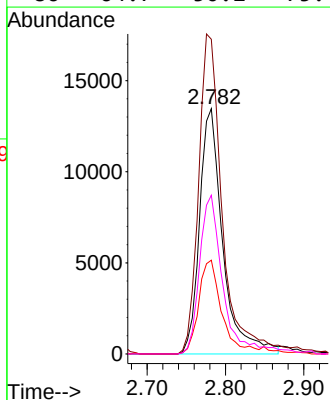
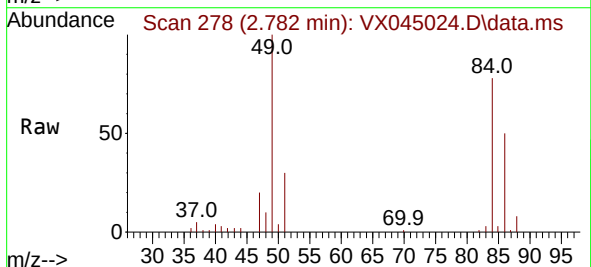
Manual Integrations
 APPROVED

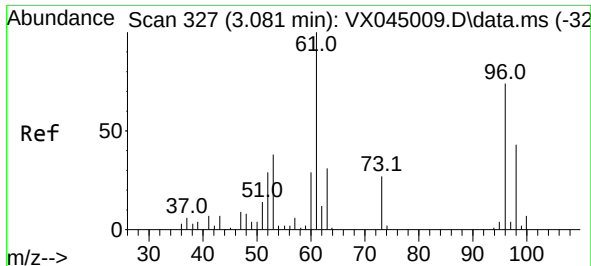
Reviewed By :John Carlone 02/25/2025
 Supervised By :Mahesh Dadoda 02/25/2025



#18
 Methylene Chloride
 Concen: 19.624 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. -0.000 min
 Lab File: VX045024.D
 Acq: 24 Feb 2025 11:53

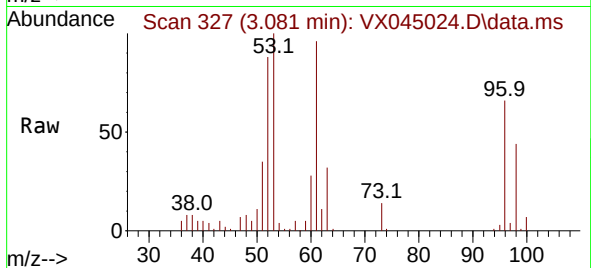
Tgt Ion: 84 Resp: 27840
 Ion Ratio Lower Upper
 84 100
 49 128.3 102.8 154.2
 51 38.2 30.1 45.1
 86 64.7 50.2 75.4





#19
trans-1,2-Dichloroethene
Concen: 18.829 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

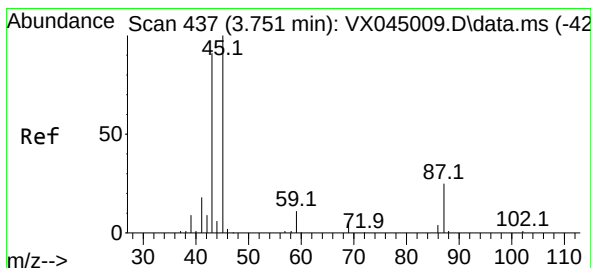
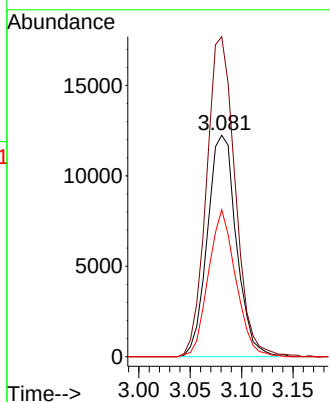
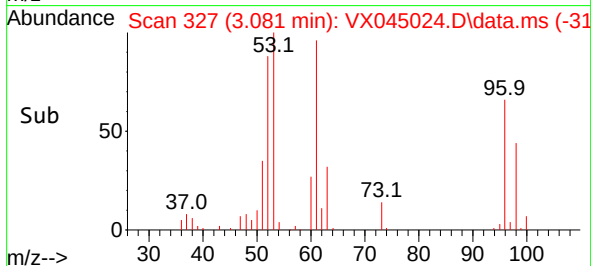
Instrument :
MSVOA_X
ClientSampleId :
VX0224WBSD01



Tgt Ion: 96 Resp: 24028
Ion Ratio Lower Upper
96 100
61 144.5 108.6 163.0
98 66.3 46.5 69.7

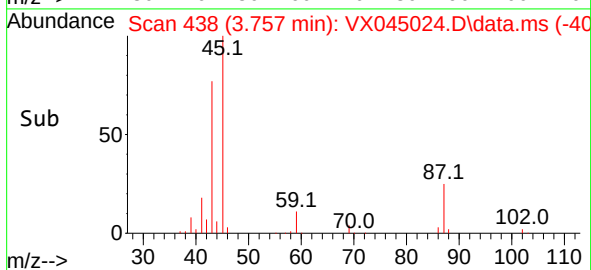
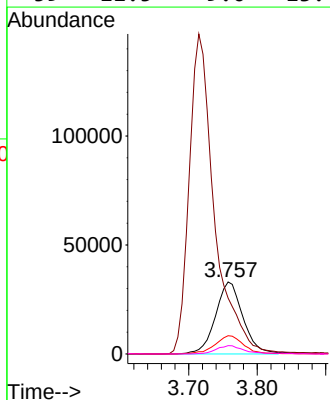
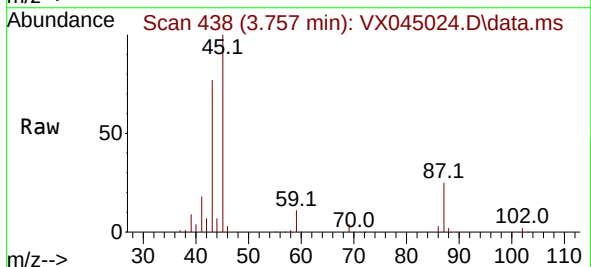
Manual Integrations
APPROVED

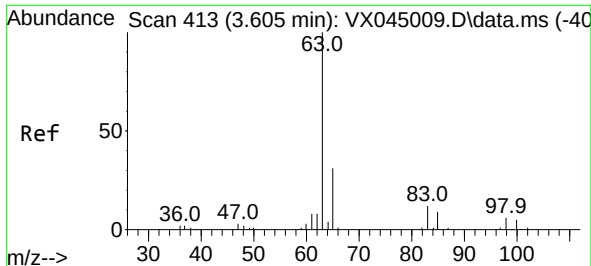
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#20
Diisopropyl ether
Concen: 20.148 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

Tgt Ion: 45 Resp: 91339
Ion Ratio Lower Upper
45 100
43 74.5 74.4 111.6
87 25.0 19.8 29.8
59 11.5 9.0 13.4





#21

1,1-Dichloroethane

Concen: 19.226 ug/l

RT: 3.593 min Scan# 41

Delta R.T. -0.012 min

Lab File: VX045024.D

Acq: 24 Feb 2025 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX0224WBSD01

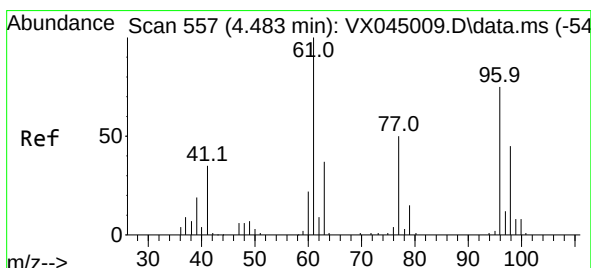
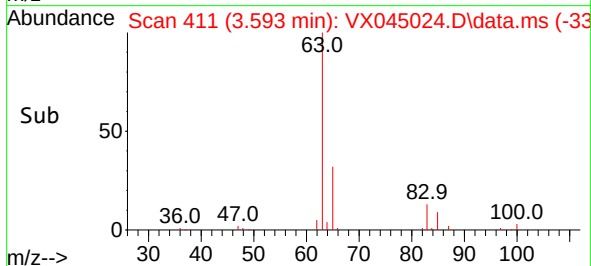
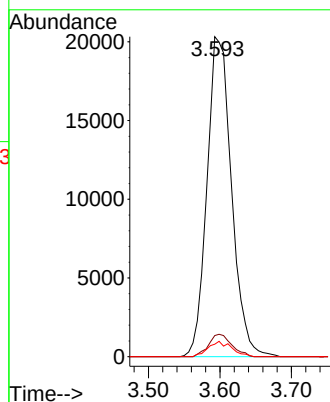
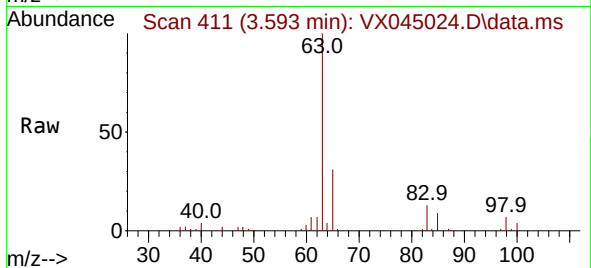
Tgt Ion: 63	Resp: 48474
Ion Ratio	Lower Upper
63 100	
98 6.6	3.3 9.8
100 3.9	2.4 7.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2025

Supervised By :Mahesh Dadoda 02/25/2025



#22

cis-1,2-Dichloroethene

Concen: 19.753 ug/l

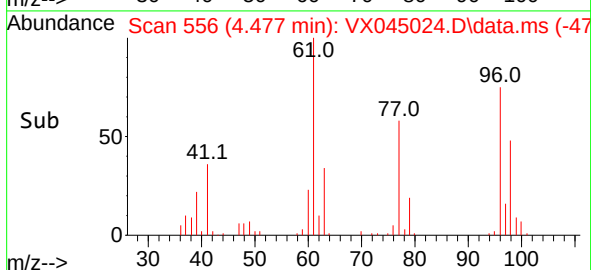
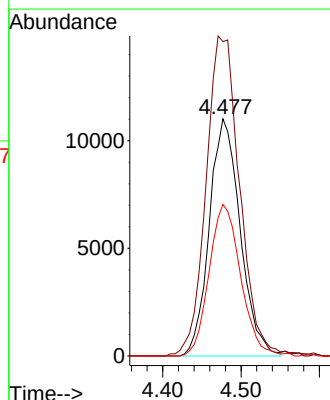
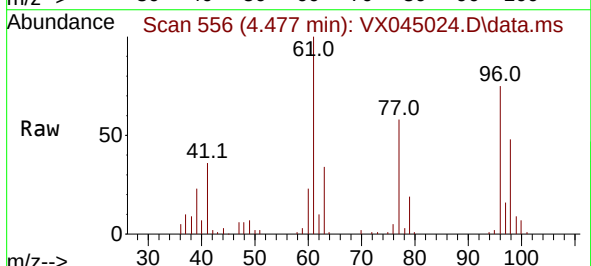
RT: 4.477 min Scan# 556

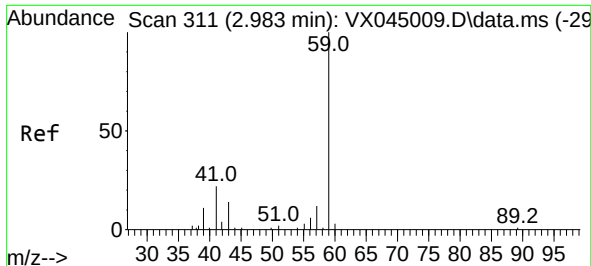
Delta R.T. -0.006 min

Lab File: VX045024.D

Acq: 24 Feb 2025 11:53

Tgt Ion: 96	Resp: 30206
Ion Ratio	Lower Upper
96 100	
61 147.0	118.9 178.3
98 64.9	50.7 76.1





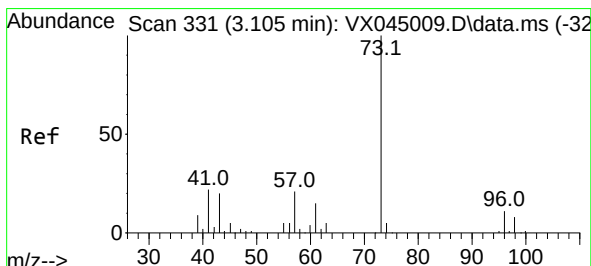
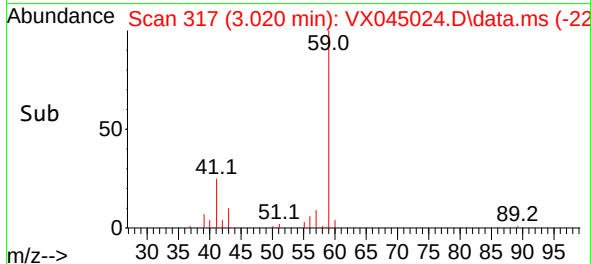
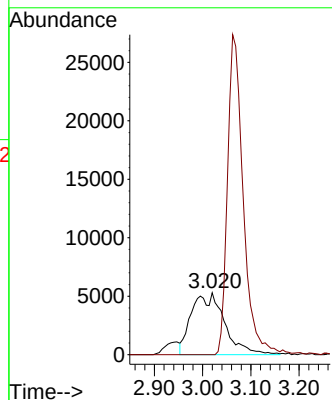
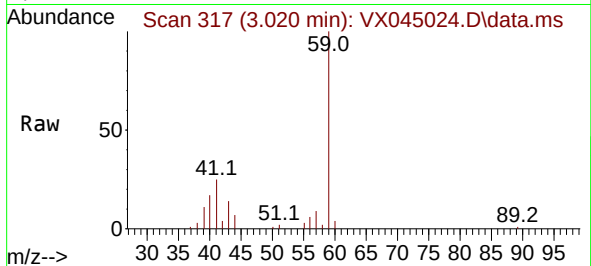
#23
tert-Butyl Alcohol
Concen: 100.852 ug/l m
RT: 3.020 min Scan# 311
Delta R.T. 0.036 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX0224WBSD01

Tgt Ion: 59 Resp: 25189
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

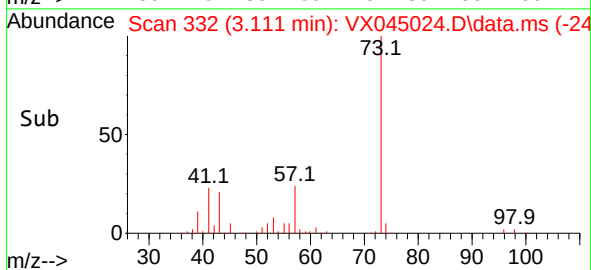
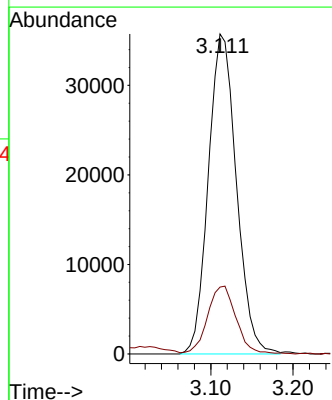
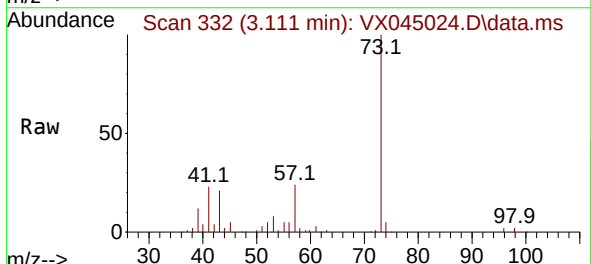
Manual Integrations
APPROVED

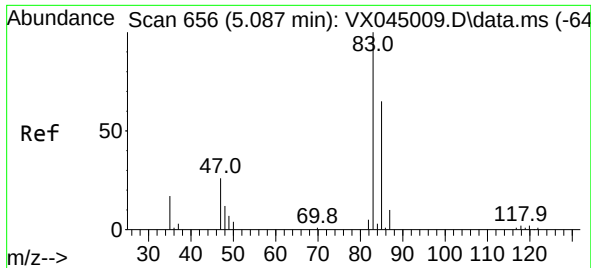
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#24
Methyl tert-Butyl Ether
Concen: 20.586 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.006 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

Tgt Ion: 73 Resp: 84746
Ion Ratio Lower Upper
73 100
43 21.6 17.4 26.0





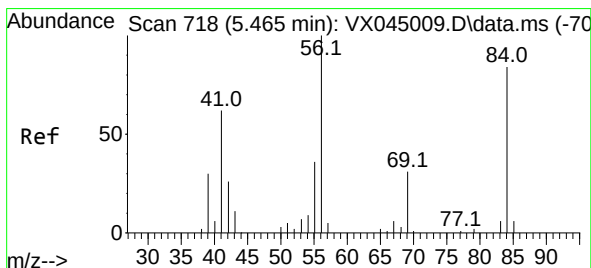
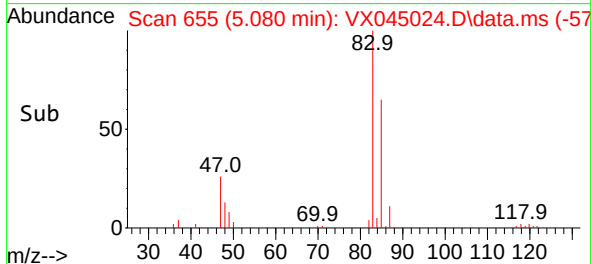
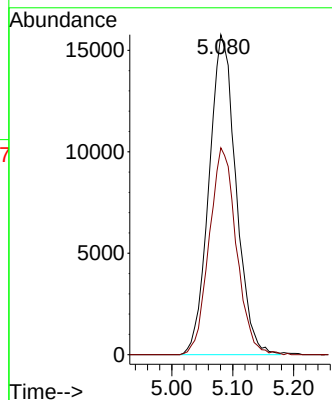
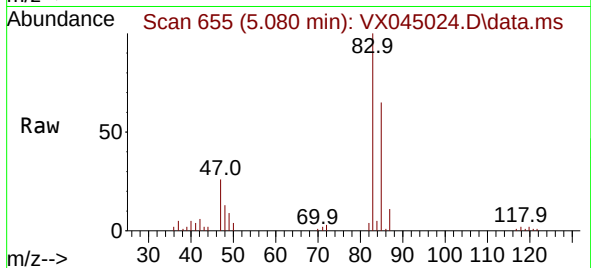
#25
Chloroform
Concen: 19.920 ug/l
RT: 5.080 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX0224WBSD01

Tgt Ion: 83 Resp: 48510
Ion Ratio Lower Upper
83 100
85 64.6 51.7 77.5

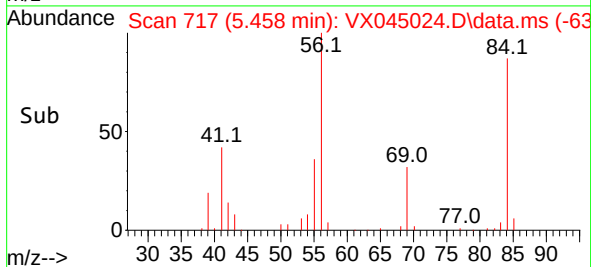
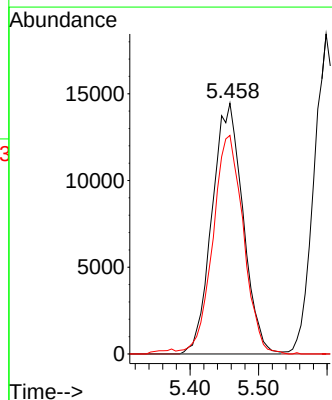
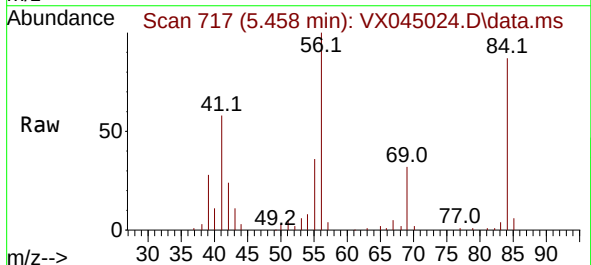
Manual Integrations
APPROVED

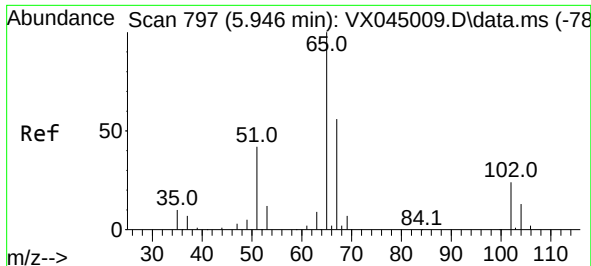
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#26
Cyclohexane
Concen: 19.476 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

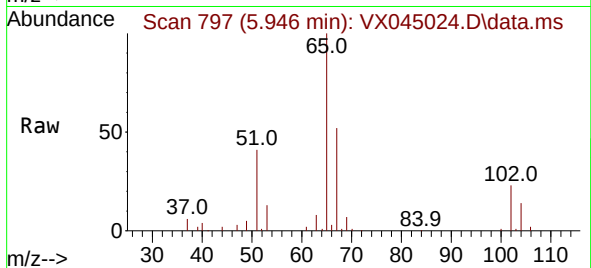
Tgt Ion: 56 Resp: 45325
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 86.0 67.1 100.7





#27
1,2-Dichloroethane-d4
Concen: 30.459 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.000 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

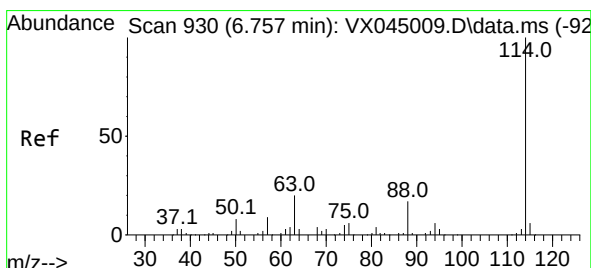
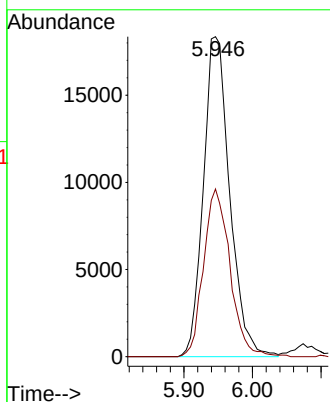
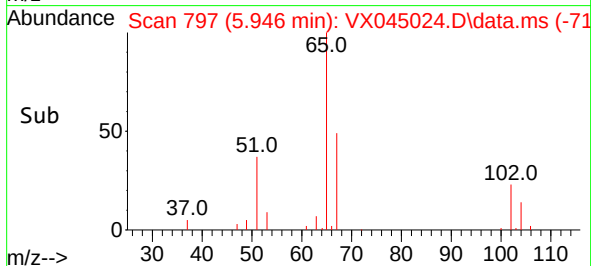
Instrument :
MSVOA_X
ClientSampleId :
VX0224WBSD01



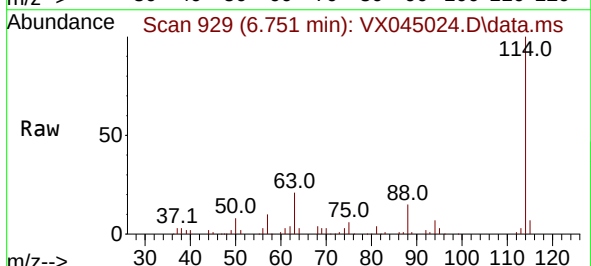
Tgt Ion: 65 Resp: 4912
Ion Ratio Lower Upper
65 100
67 52.5 42.6 64.0

Manual Integrations
APPROVED

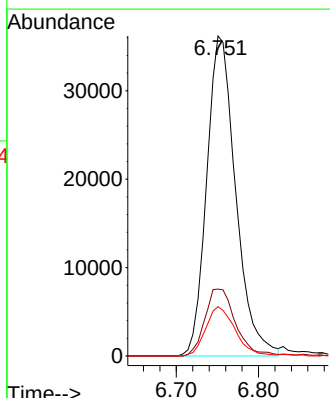
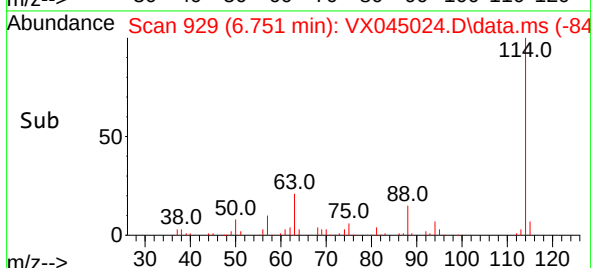
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

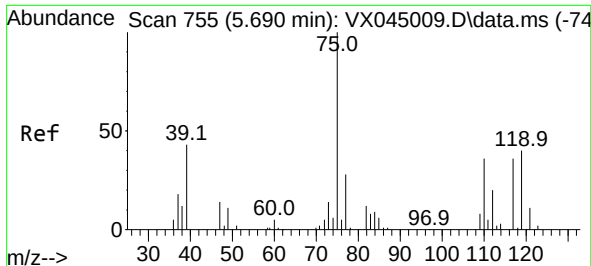


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. -0.006 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53



Tgt Ion:114 Resp: 88900
Ion Ratio Lower Upper
114 100
63 21.6 16.8 25.2
88 15.5 12.7 19.1





#29

1,1-Dichloropropene

Concen: 19.531 ug/l

RT: 5.678 min Scan# 71

Delta R.T. -0.012 min

Lab File: VX045024.D

Acq: 24 Feb 2025 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX0224WBSD01

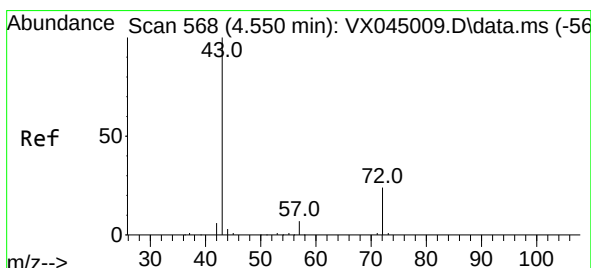
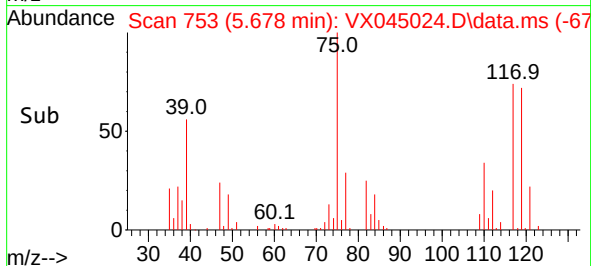
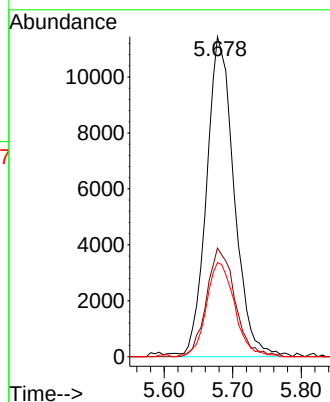
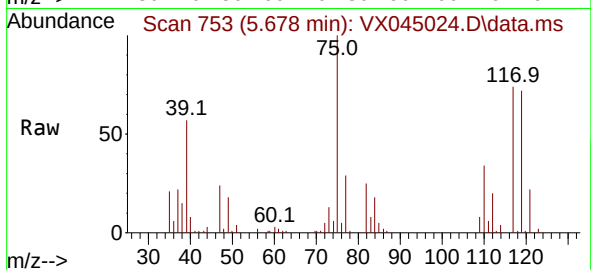
Tgt Ion:	75	Resp:	31940
Ion	Ratio	Lower	Upper
75	100		
110	34.7	0.0	69.2
77	30.3	0.0	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2025

Supervised By :Mahesh Dadoda 02/25/2025



#30

2-Butanone

Concen: 107.174 ug/l

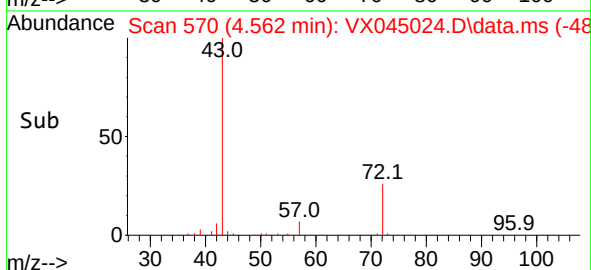
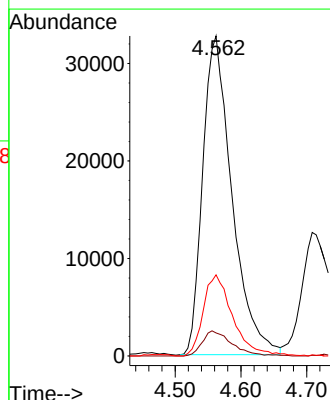
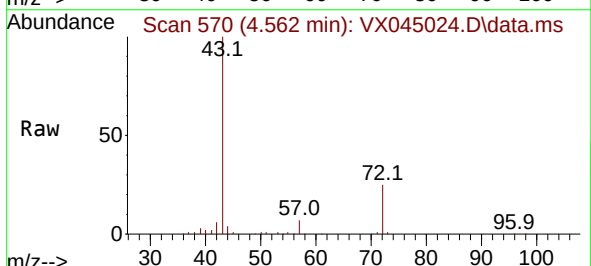
RT: 4.562 min Scan# 570

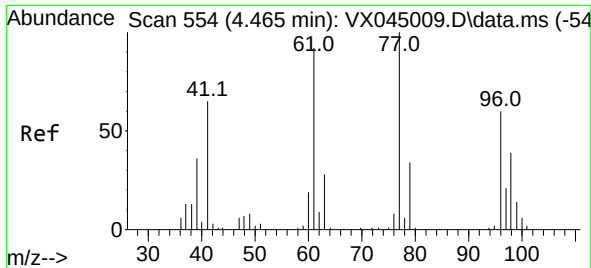
Delta R.T. 0.012 min

Lab File: VX045024.D

Acq: 24 Feb 2025 11:53

Tgt Ion:	43	Resp:	101232
Ion	Ratio	Lower	Upper
43	100		
57	7.8	6.2	9.2
72	25.6	20.2	30.2





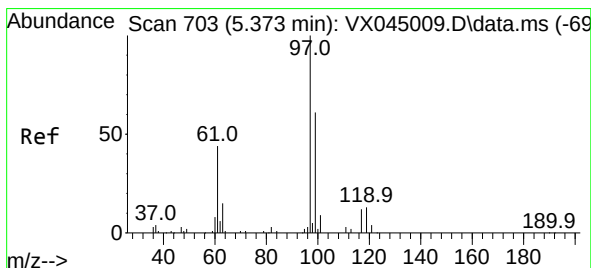
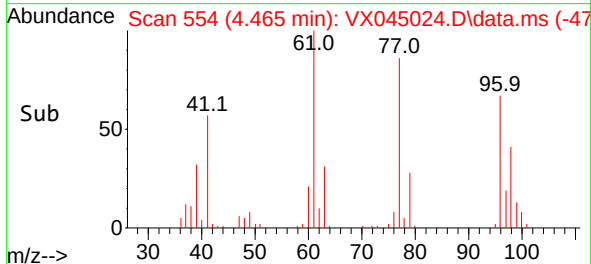
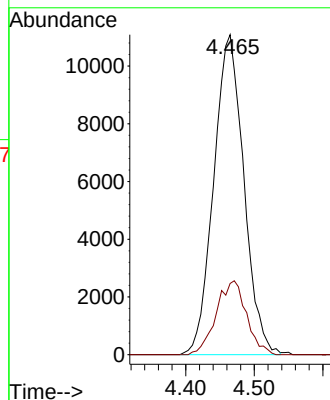
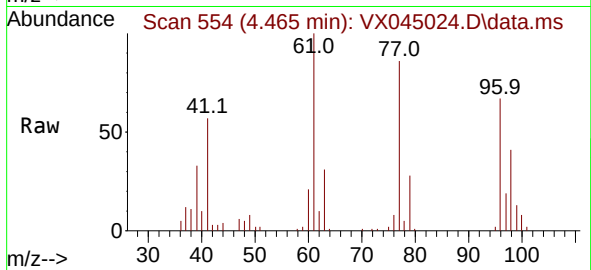
#31
2,2-Dichloropropane
Concen: 18.287 ug/l
RT: 4.465 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX0224WBSD01

Tgt Ion: 77 Resp: 33810
Ion Ratio Lower Upper
77 100
97 23.2 18.0 27.0

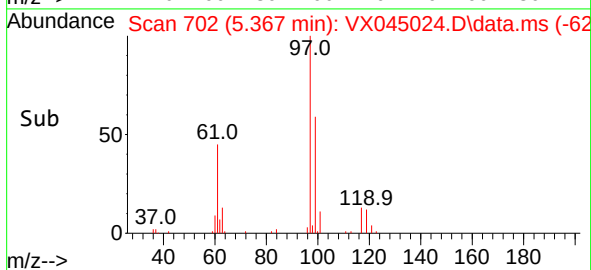
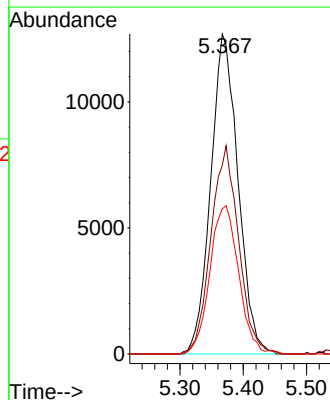
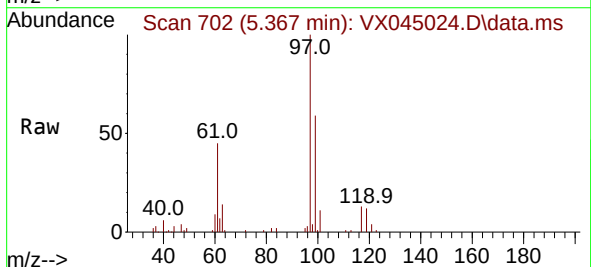
Manual Integrations
APPROVED

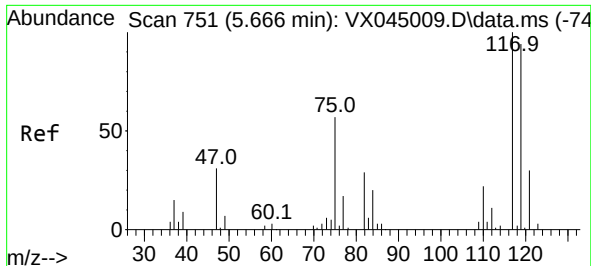
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#32
1,1,1-Trichloroethane
Concen: 19.219 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

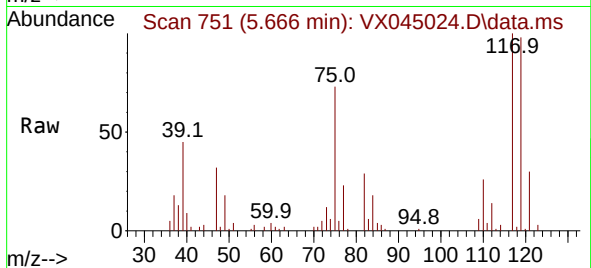
Tgt Ion: 97 Resp: 38081
Ion Ratio Lower Upper
97 100
99 65.9 52.2 78.2
61 48.6 38.5 57.7





#33
Carbon Tetrachloride
Concen: 18.917 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

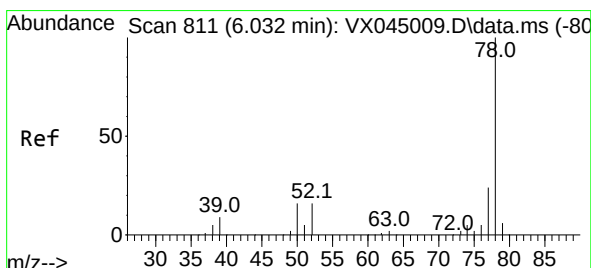
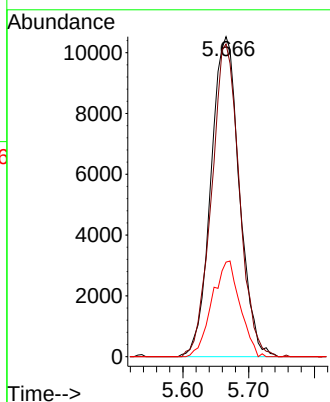
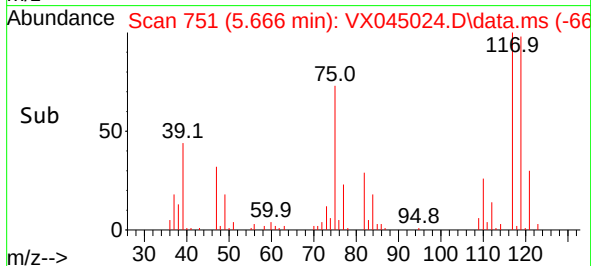
Instrument :
MSVOA_X
ClientSampleId :
VX0224WBSD01



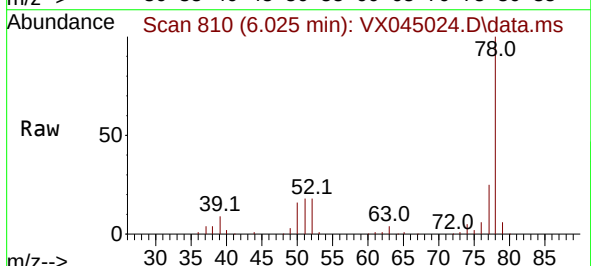
Tgt Ion:117 Resp: 3163
Ion Ratio Lower Upper
117 100
119 97.7 75.1 112.7
121 29.5 23.9 35.9

Manual Integrations
APPROVED

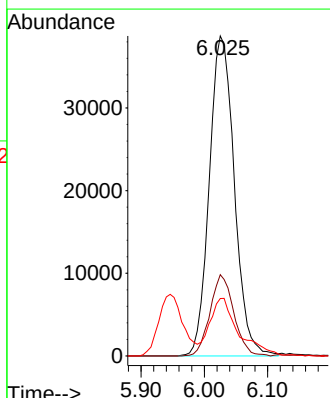
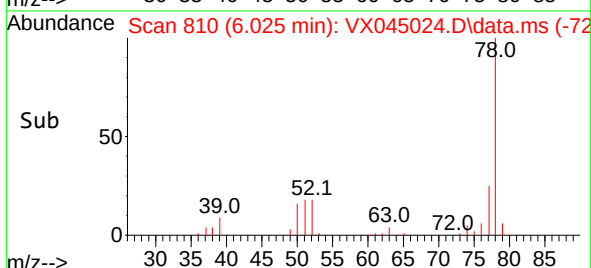
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

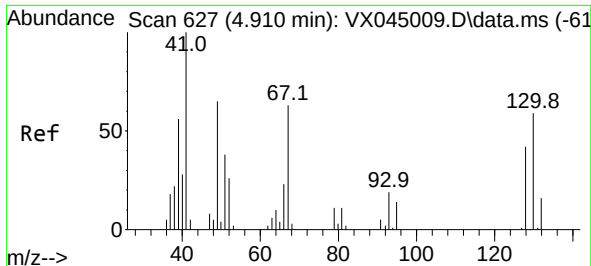


#34
Benzene
Concen: 20.763 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53



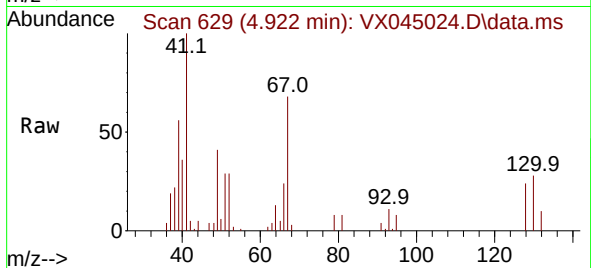
Tgt Ion: 78 Resp: 106479
Ion Ratio Lower Upper
78 100
77 25.4 19.6 29.4
51 17.3 13.8 20.6





#35
Methacrylonitrile
Concen: 21.198 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

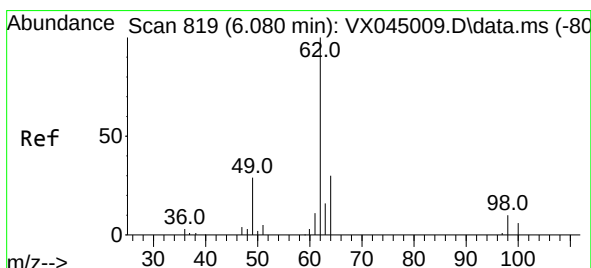
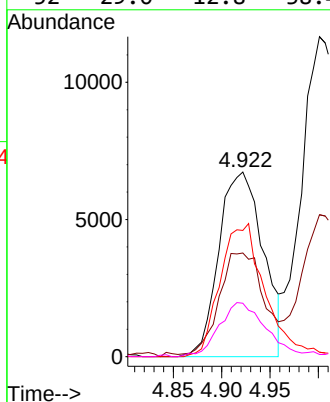
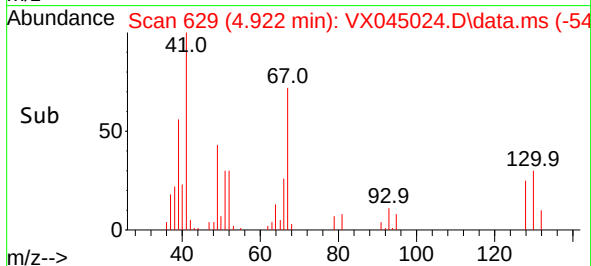
Instrument :
MSVOA_X
ClientSampleId :
VX0224WBSD01



Tgt Ion: 41	Resp: 21420
Ion Ratio	Lower Upper
41 100	
39 54.9	27.8 83.4
67 68.3	31.5 94.5
52 29.0	12.8 38.4

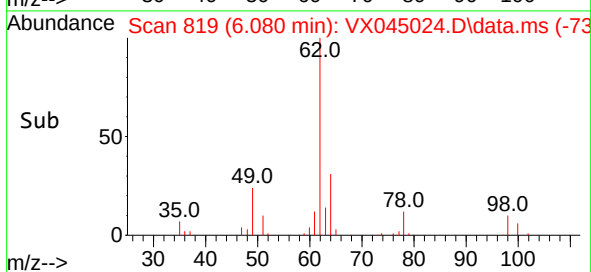
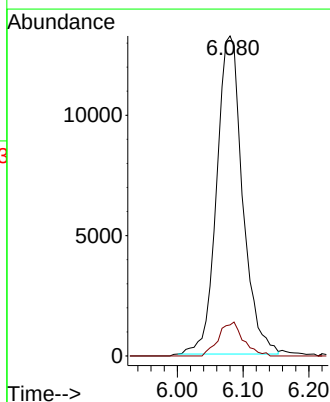
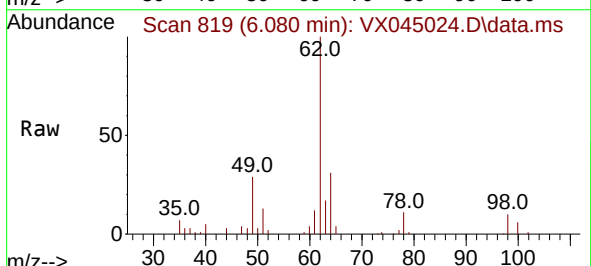
Manual Integrations
APPROVED

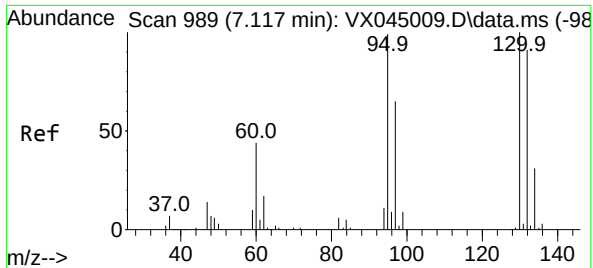
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#36
1,2-Dichloroethane
Concen: 20.660 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

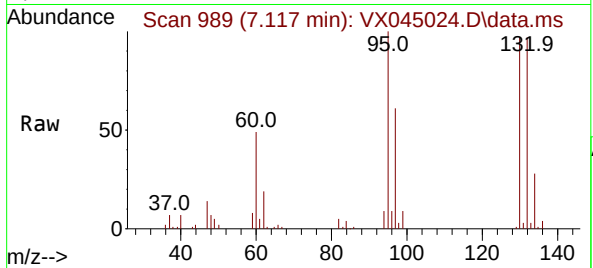
Tgt Ion: 62	Resp: 36275
Ion Ratio	Lower Upper
62 100	
98 10.0	7.9 11.9





#37
Trichloroethene
Concen: 19.605 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.000 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

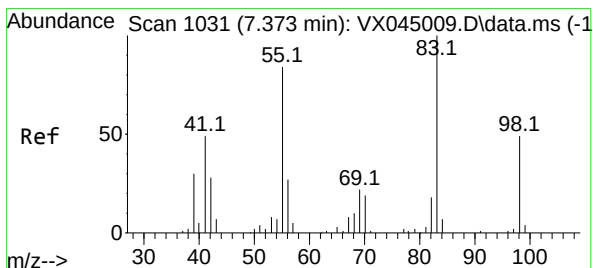
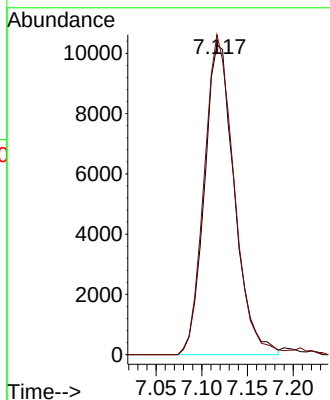
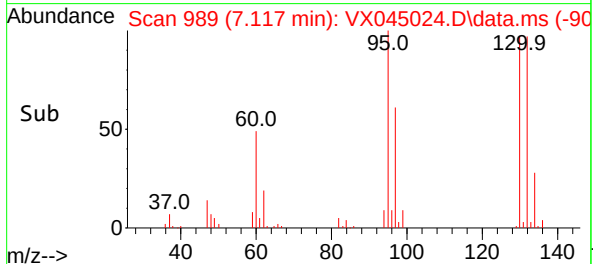
Instrument :
MSVOA_X
ClientSampleId :
VX0224WBSD01



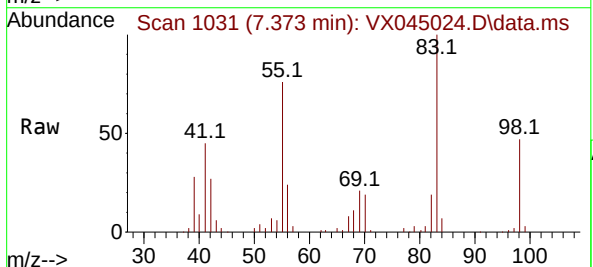
Tgt Ion:130 Resp: 2352
Ion Ratio Lower Upper
130 100
95 103.2 79.0 118.4

Manual Integrations
APPROVED

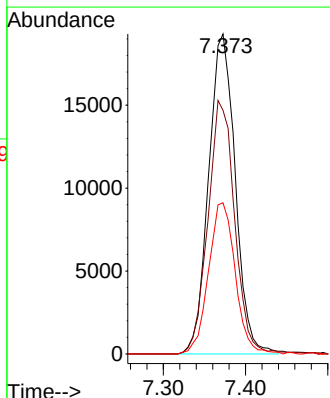
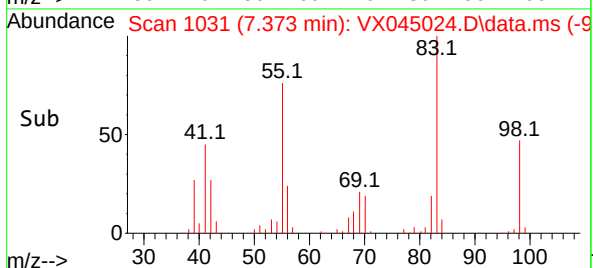
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

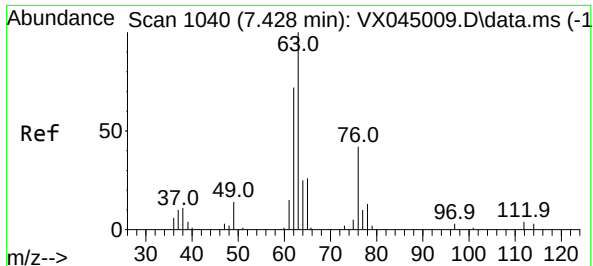


#38
Methylcyclohexane
Concen: 19.785 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53



Tgt Ion: 83 Resp: 43443
Ion Ratio Lower Upper
83 100
55 79.0 40.6 122.0
98 47.4 24.9 74.6





#39

1,2-Dichloropropane

Concen: 20.956 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX045024.D

Acq: 24 Feb 2025 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX0224WBSD01

Tgt Ion: 63 Resp: 26718

Ion Ratio Lower Upper

63 100

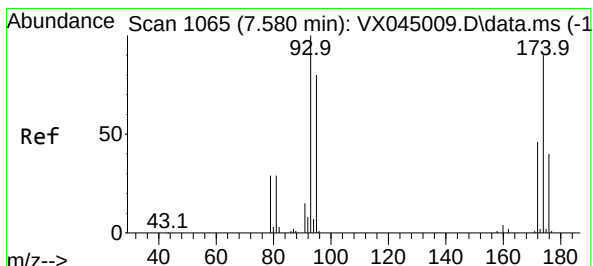
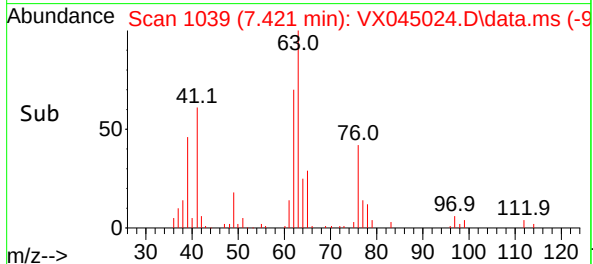
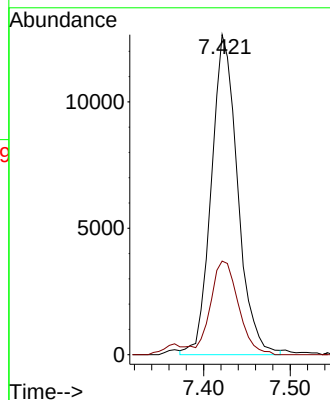
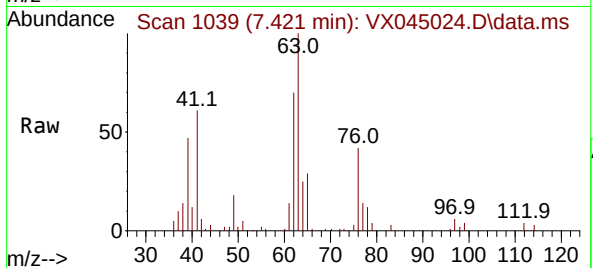
65 29.6 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2025

Supervised By :Mahesh Dadoda 02/25/2025



#40

Dibromomethane

Concen: 21.115 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX045024.D

Acq: 24 Feb 2025 11:53

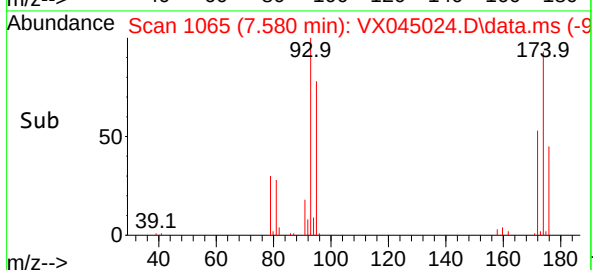
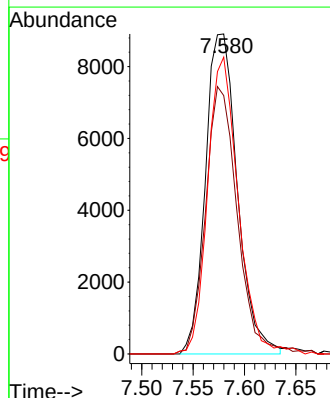
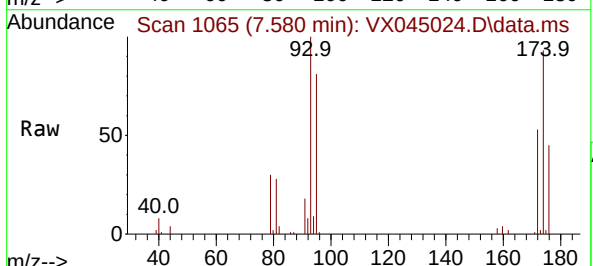
Tgt Ion: 93 Resp: 19319

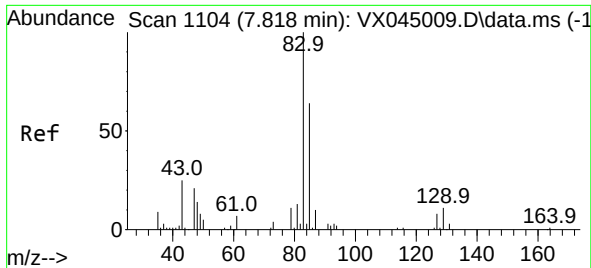
Ion Ratio Lower Upper

93 100

95 82.3 0.0 162.6

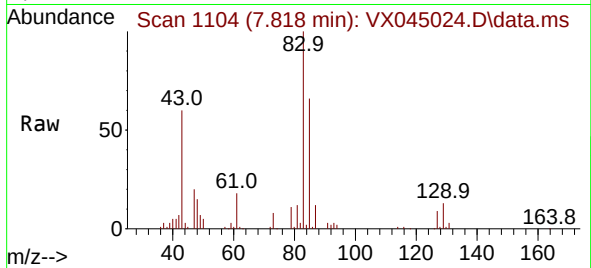
174 88.6 0.0 178.8





#41
Bromodichloromethane
Concen: 19.789 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

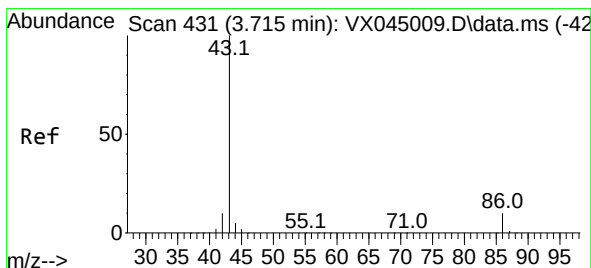
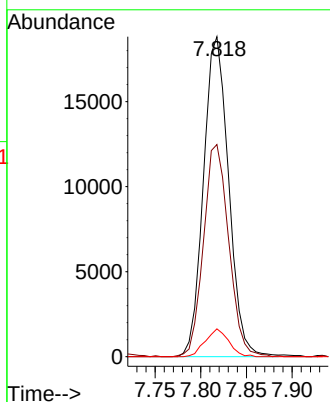
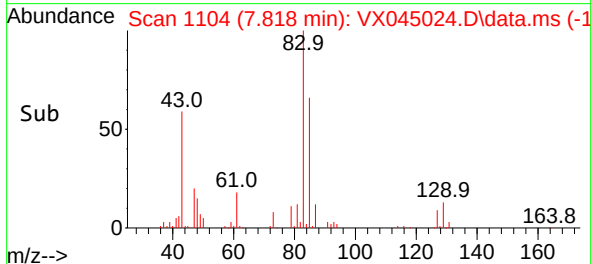
Instrument :
MSVOA_X
ClientSampleId :
VX0224WBSD01



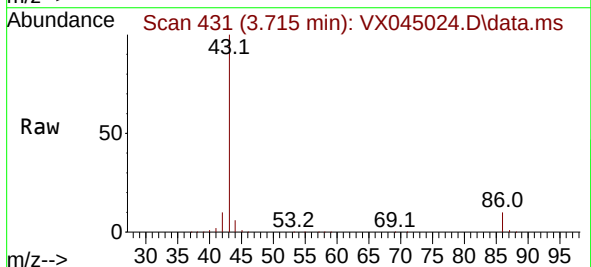
Tgt Ion: 83 Resp: 3598
Ion Ratio Lower Upper
83 100
85 66.0 51.0 76.6
127 8.7 6.1 9.1

Manual Integrations
APPROVED

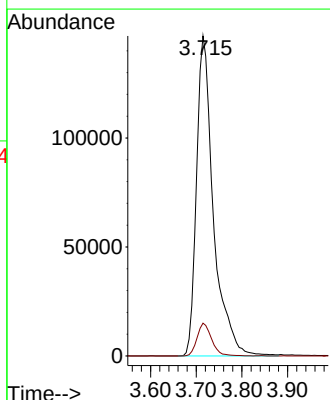
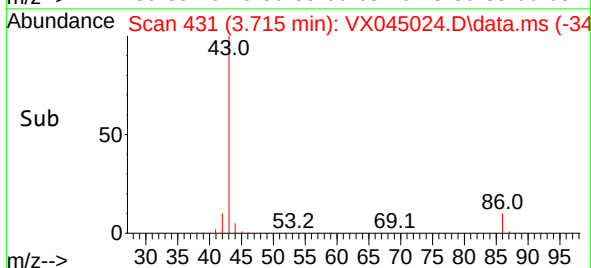
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

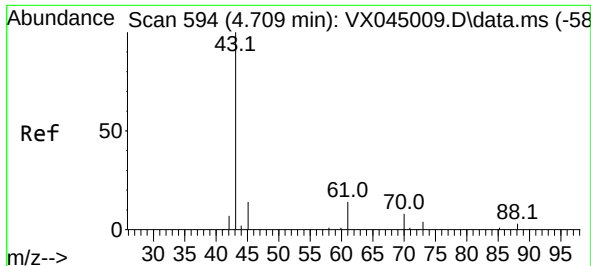


#42
Vinyl Acetate
Concen: 103.061 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.000 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53



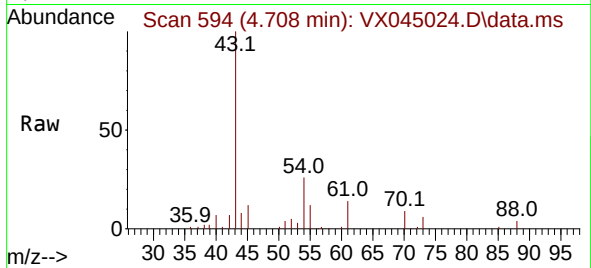
Tgt Ion: 43 Resp: 377761
Ion Ratio Lower Upper
43 100
86 8.8 7.0 10.4





#43
Ethyl Acetate
Concen: 22.738 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.000 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

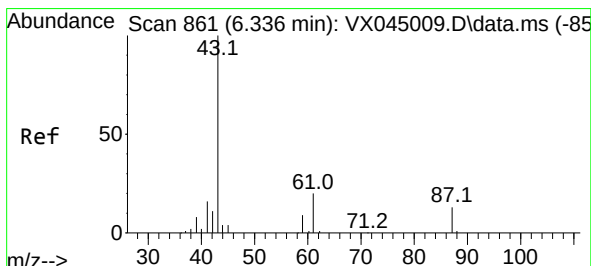
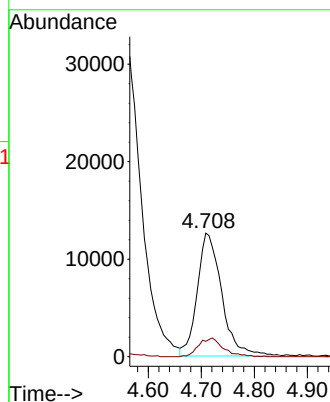
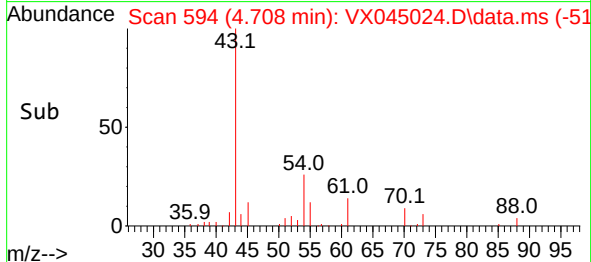
Instrument :
MSVOA_X
ClientSampleId :
VX0224WBSD01



Tgt Ion: 43 Resp: 4027
Ion Ratio Lower Upper
43 100
45 5.7 12.7 19.1

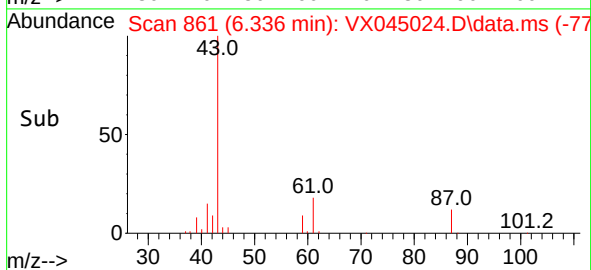
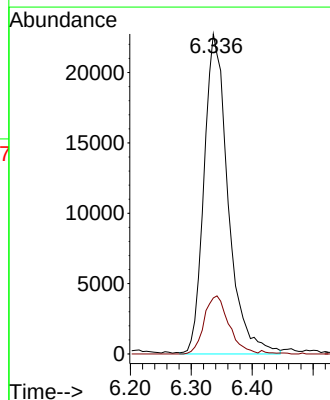
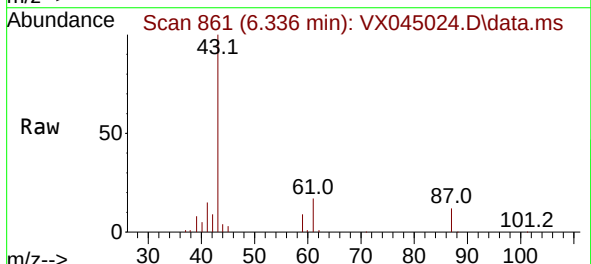
Manual Integrations
APPROVED

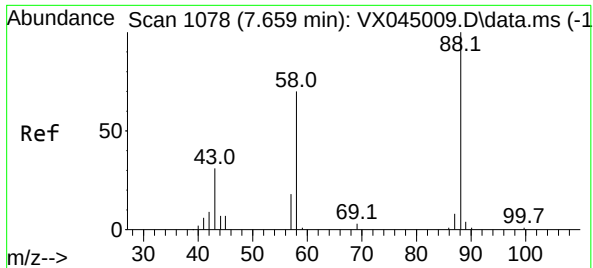
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#44
Isopropyl Acetate
Concen: 21.464 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

Tgt Ion: 43 Resp: 62576
Ion Ratio Lower Upper
43 100
61 18.6 15.5 23.3





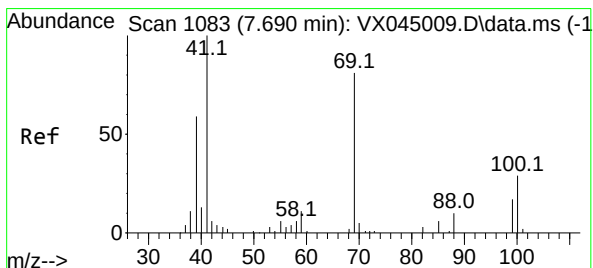
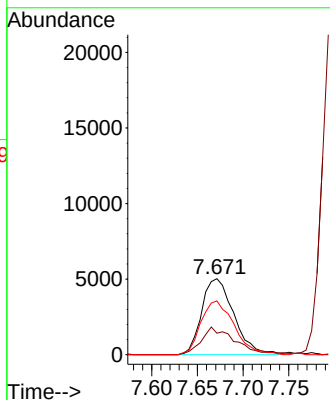
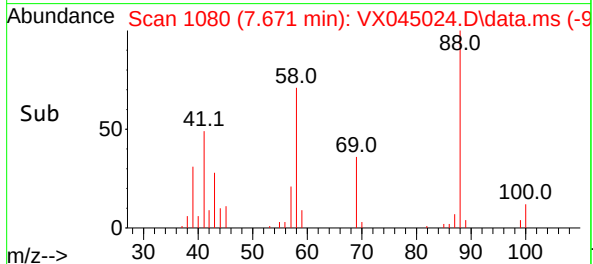
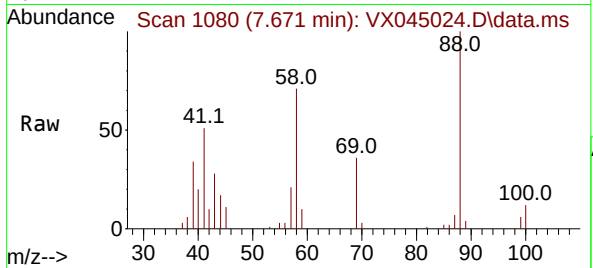
#45
1,4-Dioxane
Concen: 404.492 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.012 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX0224WBSD01

Tgt Ion: 88 Resp: 1225
Ion Ratio Lower Upper
88 100
43 18.5 29.6 44.4
58 73.3 56.2 84.4

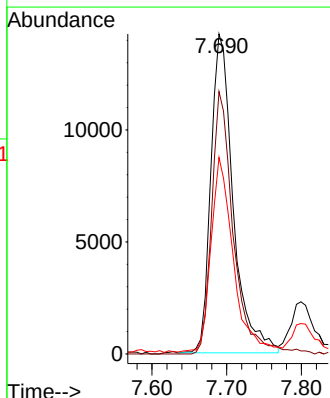
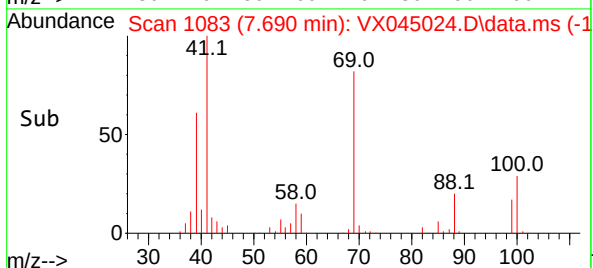
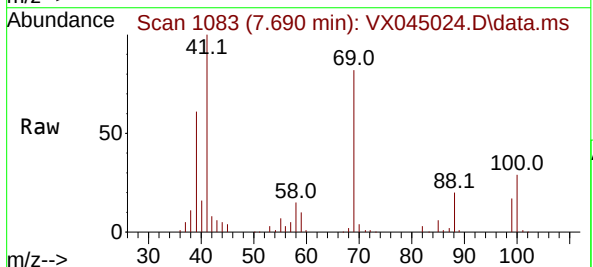
Manual Integrations
APPROVED

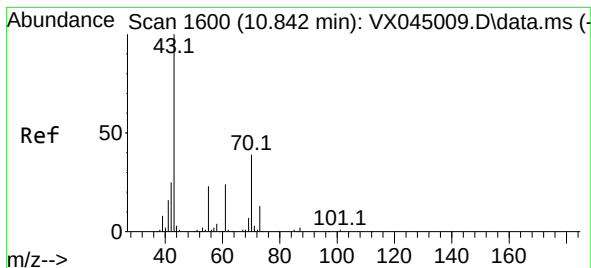
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#46
Methyl methacrylate
Concen: 20.723 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

Tgt Ion: 41 Resp: 29625
Ion Ratio Lower Upper
41 100
69 82.3 40.7 122.1
39 61.0 29.5 88.5





#47

n-amy1 Acetate

Concen: 19.879 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX045024.D

Acq: 24 Feb 2025 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX0224WBSD01

Tgt Ion: 43 Resp: 5029

Ion Ratio Lower Upper

43 100

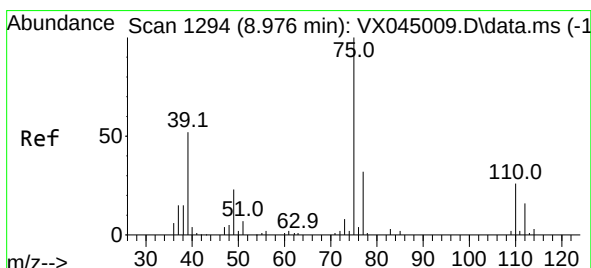
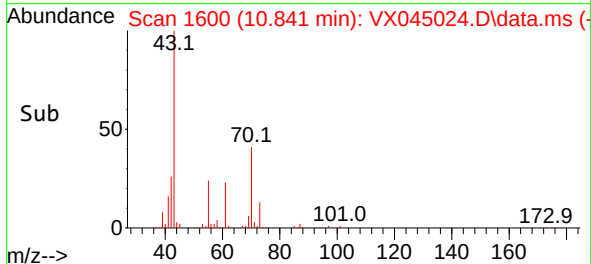
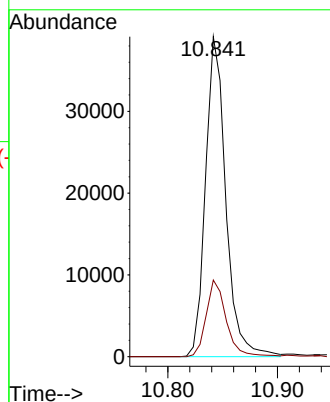
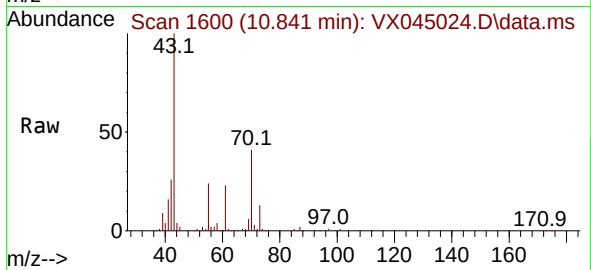
55 23.7 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2025

Supervised By :Mahesh Dadoda 02/25/2025



#48

t-1,3-Dichloropropene

Concen: 18.850 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX045024.D

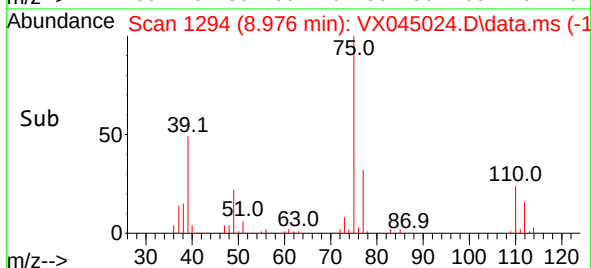
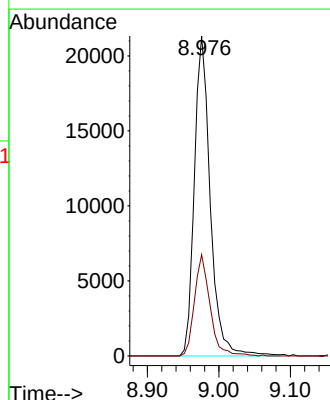
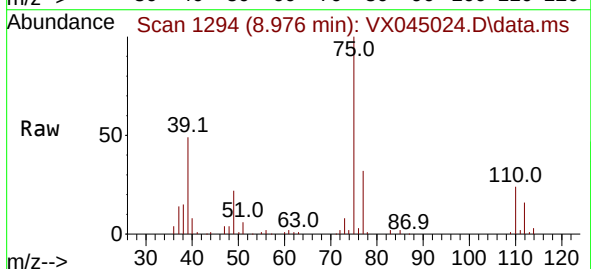
Acq: 24 Feb 2025 11:53

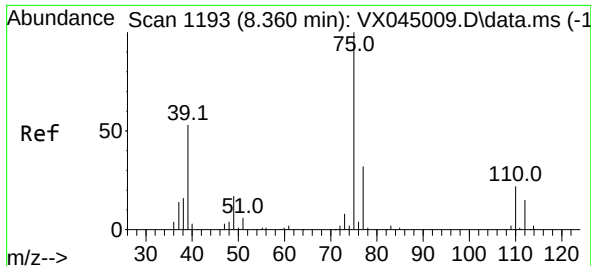
Tgt Ion: 75 Resp: 33040

Ion Ratio Lower Upper

75 100

77 31.7 25.7 38.5





#49

cis-1,3-Dichloropropene

Concen: 19.581 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX045024.D

Acq: 24 Feb 2025 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX0224WBSD01

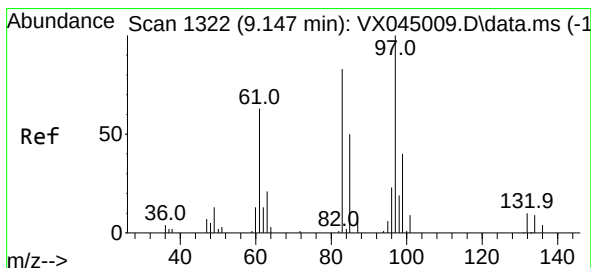
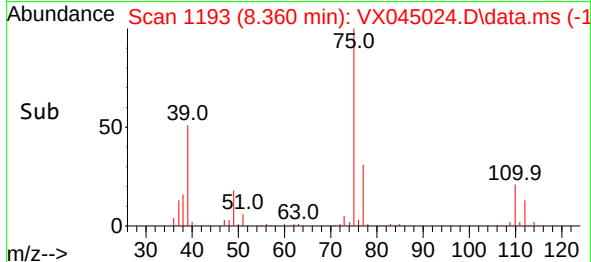
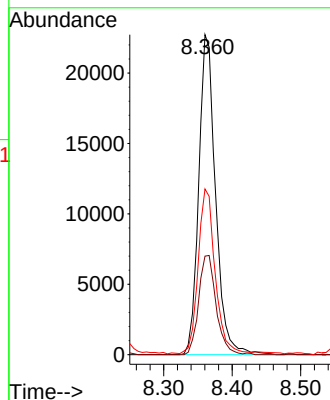
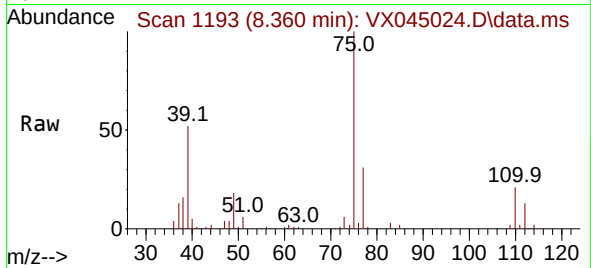
Tgt Ion:	75	Resp:	3885
Ion Ratio	Lower	Upper	
75	100		
77	30.8	25.9	38.9
39	51.4	42.3	63.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2025

Supervised By :Mahesh Dadoda 02/25/2025



#50

1,1,2-Trichloroethane

Concen: 21.683 ug/l

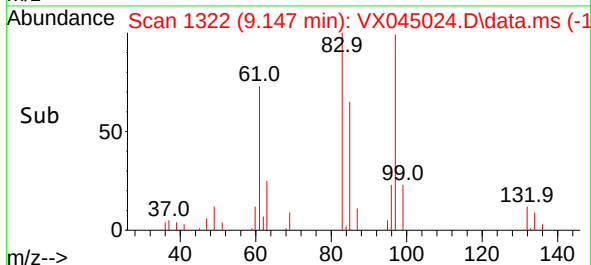
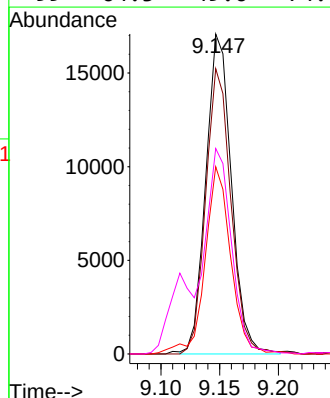
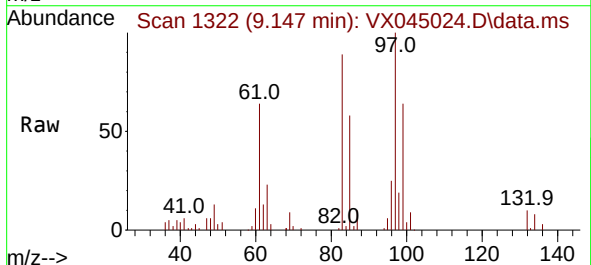
RT: 9.147 min Scan# 1322

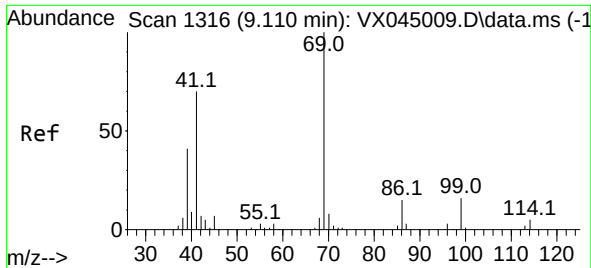
Delta R.T. -0.000 min

Lab File: VX045024.D

Acq: 24 Feb 2025 11:53

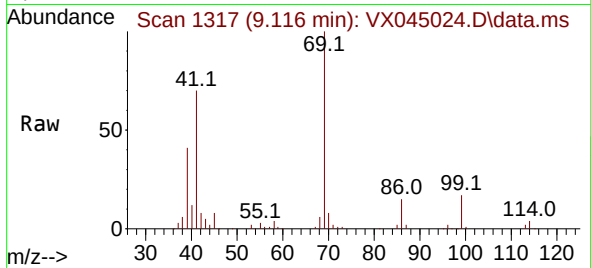
Tgt Ion:	97	Resp:	25876
Ion Ratio	Lower	Upper	
97	100		
83	89.7	66.0	99.0
85	58.2	42.5	63.7
99	64.3	49.6	74.4





#51
Ethyl methacrylate
Concen: 20.163 ug/l
RT: 9.116 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

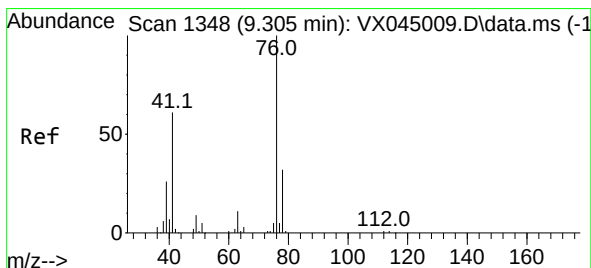
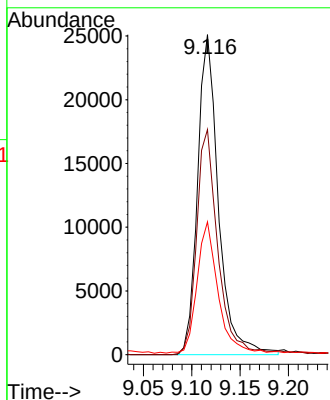
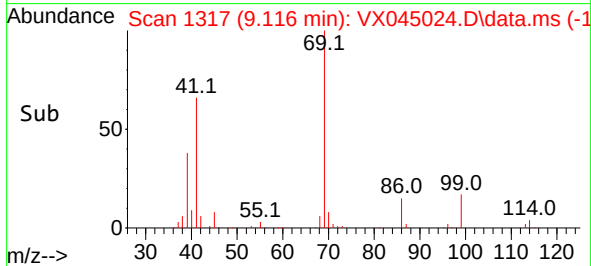
Instrument :
MSVOA_X
ClientSampleId :
VX0224WBSD01



Tgt Ion: 69 Resp: 3784
Ion Ratio Lower Upper
69 100
41 70.0 35.1 105.3
39 40.7 20.5 61.6

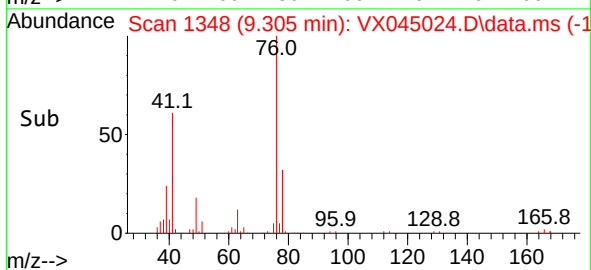
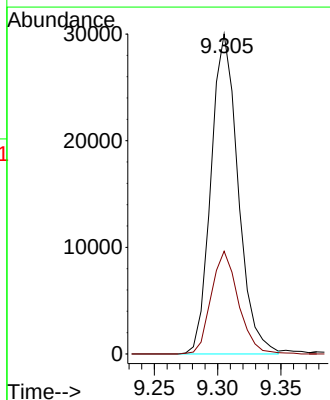
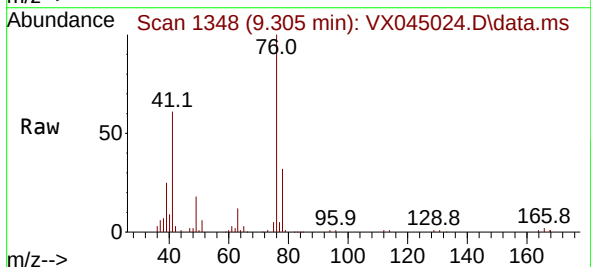
Manual Integrations
APPROVED

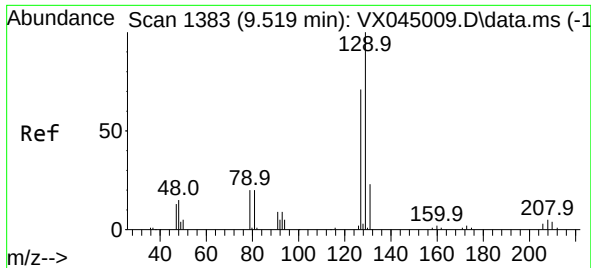
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#52
1,3-Dichloropropane
Concen: 21.410 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

Tgt Ion: 76 Resp: 44771
Ion Ratio Lower Upper
76 100
78 32.1 0.0 63.6





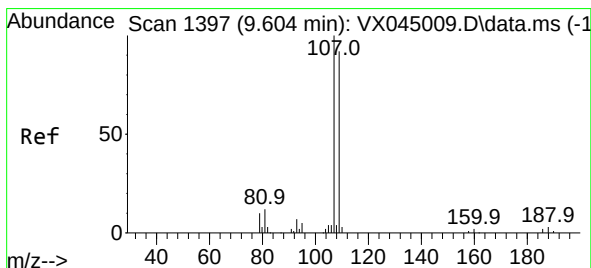
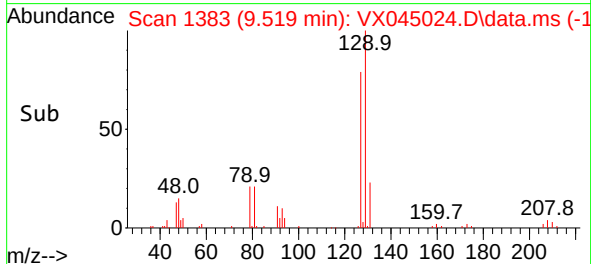
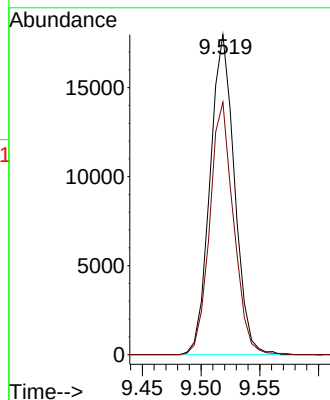
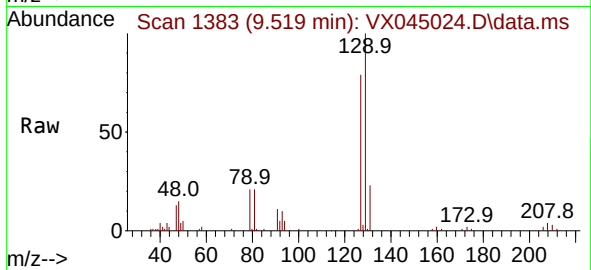
#53
Dibromochloromethane
Concen: 19.711 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX0224WBSD01

Tgt Ion:129 Resp: 2601
Ion Ratio Lower Upper
129 100
127 76.7 37.3 111.9

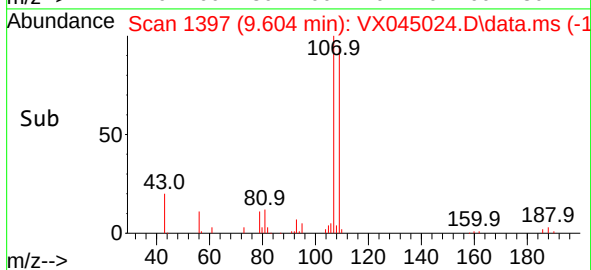
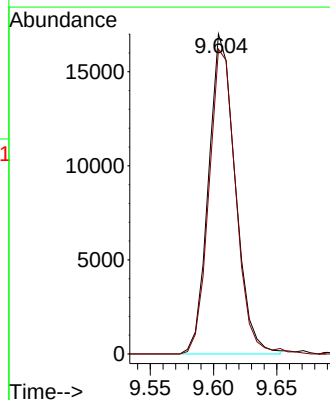
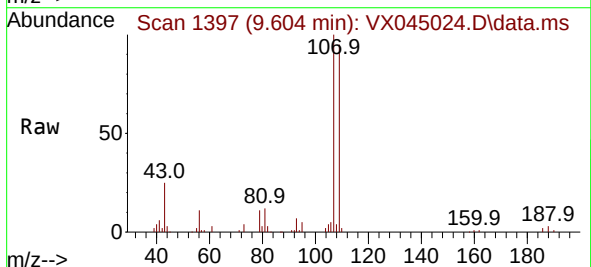
Manual Integrations
APPROVED

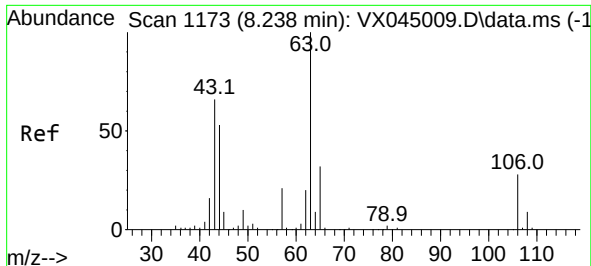
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#54
1,2-Dibromoethane
Concen: 20.641 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

Tgt Ion:107 Resp: 25014
Ion Ratio Lower Upper
107 100
109 94.8 75.8 113.8





#55

2-Chloroethyl vinyl ether

Concen: 94.727 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045024.D

Acq: 24 Feb 2025 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX0224WBSD01

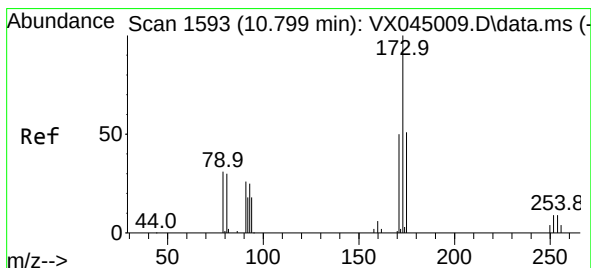
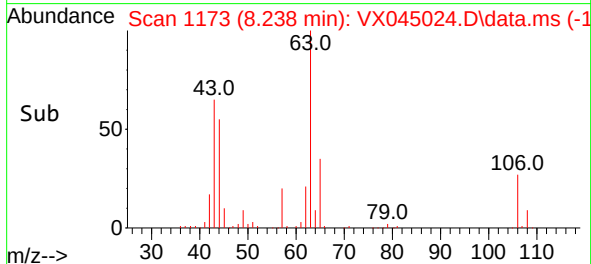
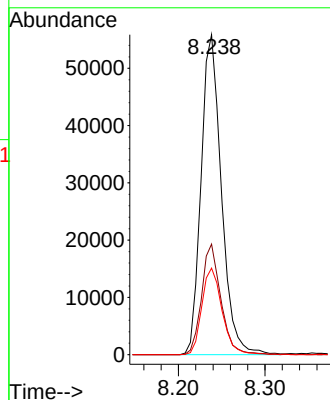
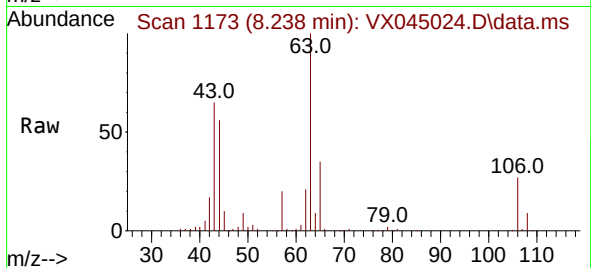
Tgt Ion: 63	Resp: 9130
Ion Ratio	Lower Upper
63 100	
65 32.7	26.2 39.2
106 26.9	21.2 31.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2025

Supervised By :Mahesh Dadoda 02/25/2025



#56

Bromoform

Concen: 18.406 ug/l

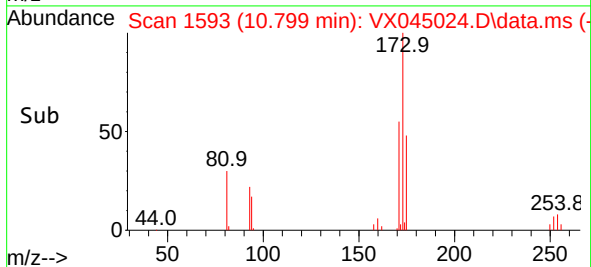
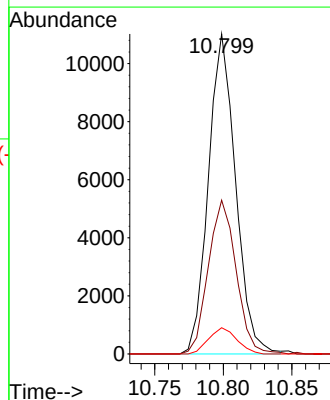
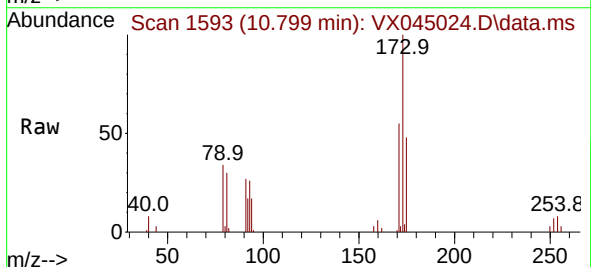
RT: 10.799 min Scan# 1593

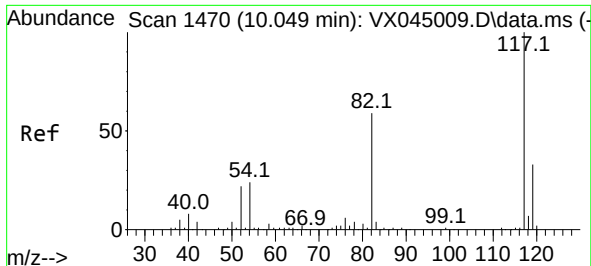
Delta R.T. -0.000 min

Lab File: VX045024.D

Acq: 24 Feb 2025 11:53

Tgt Ion: 173	Resp: 15223
Ion Ratio	Lower Upper
173 100	
175 49.1	39.6 59.4
254 8.5	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: VX045024.D

Acq: 24 Feb 2025 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX0224WBSD01

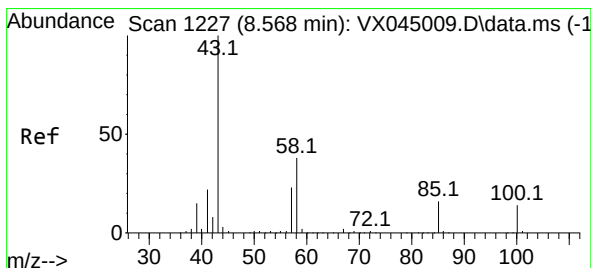
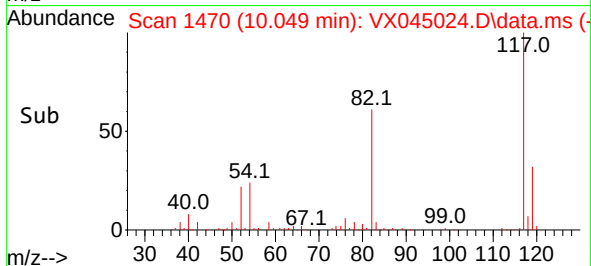
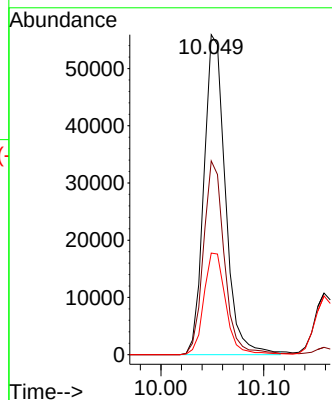
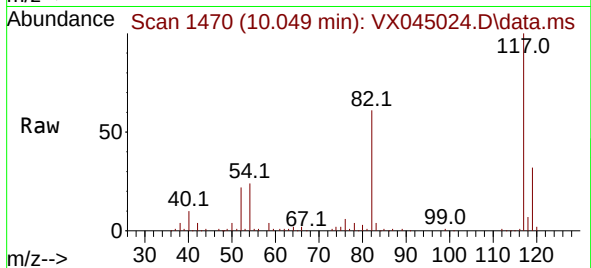
Tgt Ion:	117	Resp:	81244
Ion Ratio	Lower	Upper	
117	100		
82	58.9	45.8	68.8
119	32.5	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2025

Supervised By :Mahesh Dadoda 02/25/2025



#58

4-Methyl-2-Pentanone

Concen: 108.906 ug/l

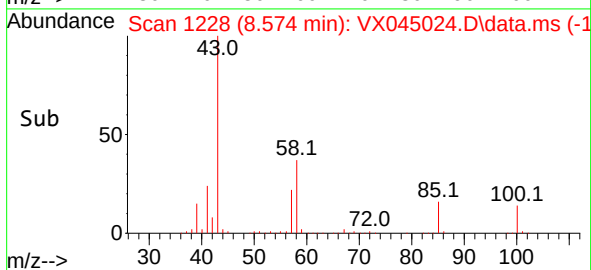
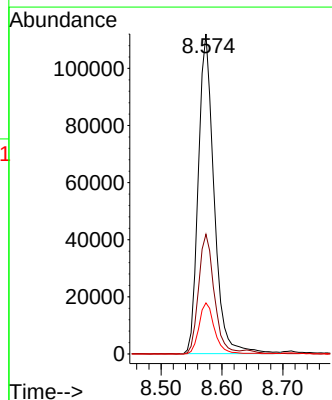
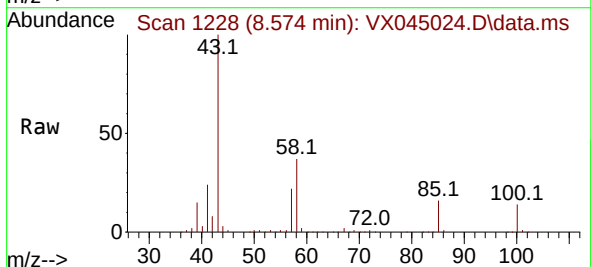
RT: 8.574 min Scan# 1228

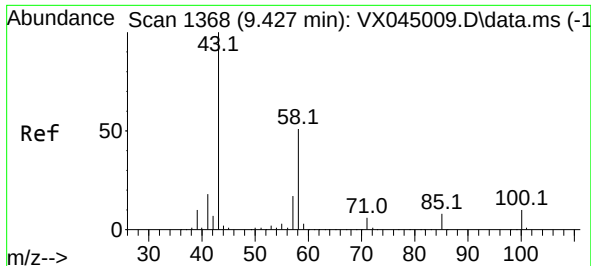
Delta R.T. 0.006 min

Lab File: VX045024.D

Acq: 24 Feb 2025 11:53

Tgt Ion:	43	Resp:	201273
Ion Ratio	Lower	Upper	
43	100		
58	37.2	29.5	44.3
85	15.7	12.9	19.3





#59

2-Hexanone

Concen: 106.428 ug/l

RT: 9.433 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX045024.D

Acq: 24 Feb 2025 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX0224WBSD01

Tgt Ion: 43 Resp: 142172

Ion Ratio Lower Upper

43 100

58 53.6 41.6 62.4

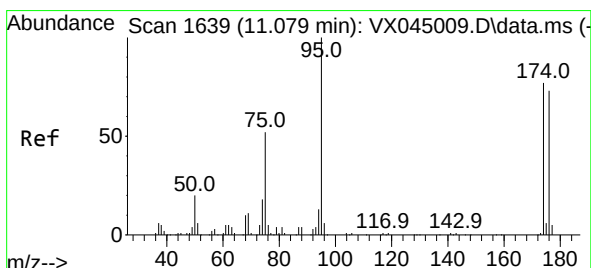
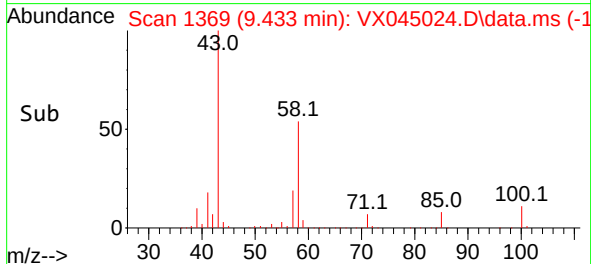
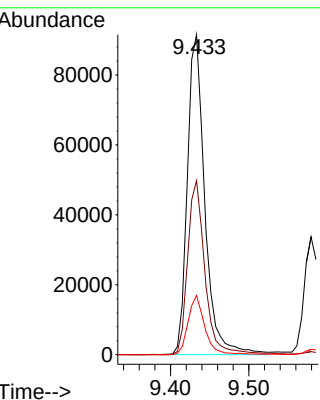
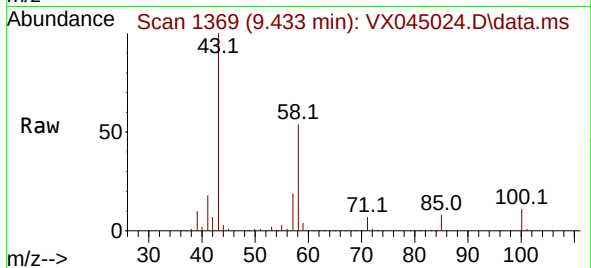
57 17.3 13.8 20.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2025

Supervised By :Mahesh Dadoda 02/25/2025



#60

4-Bromofluorobenzene

Concen: 28.847 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX045024.D

Acq: 24 Feb 2025 11:53

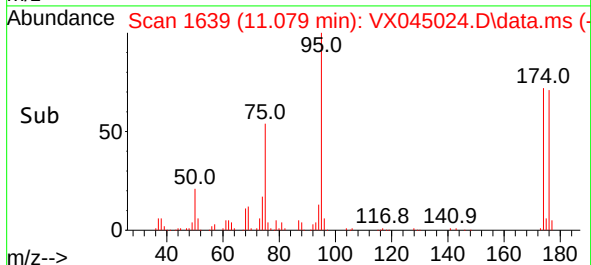
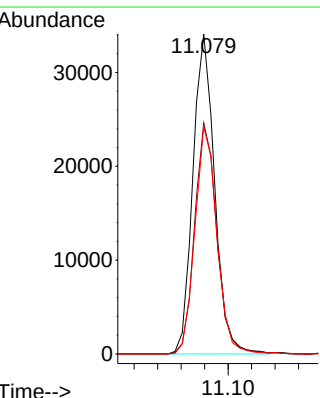
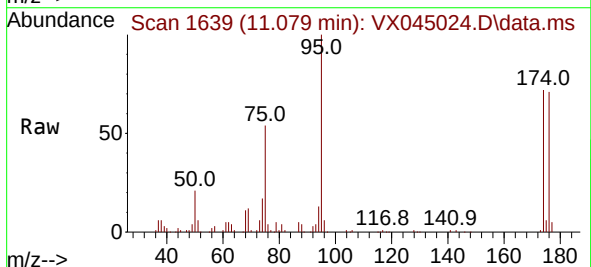
Tgt Ion: 95 Resp: 43806

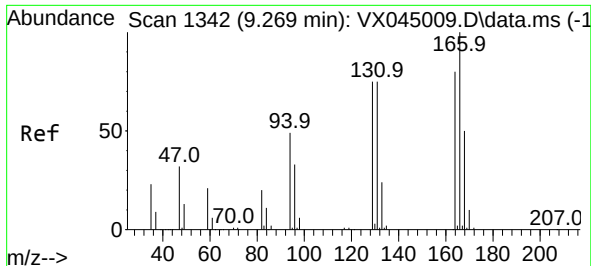
Ion Ratio Lower Upper

95 100

174 73.6 59.5 89.3

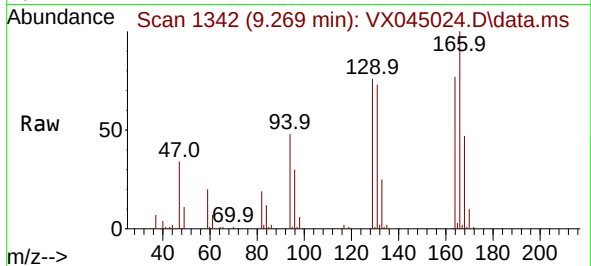
176 71.9 55.5 83.3





#61
Tetrachloroethene
Concen: 20.052 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

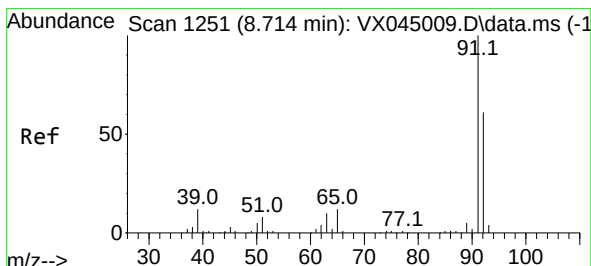
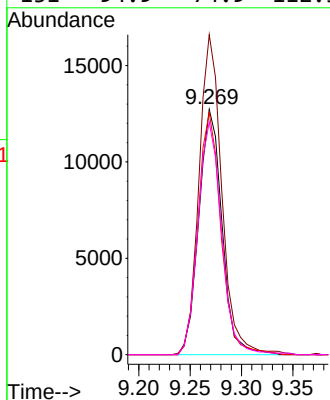
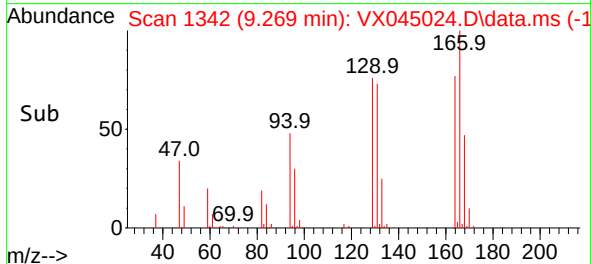
Instrument :
MSVOA_X
ClientSampleId :
VX0224WBSD01



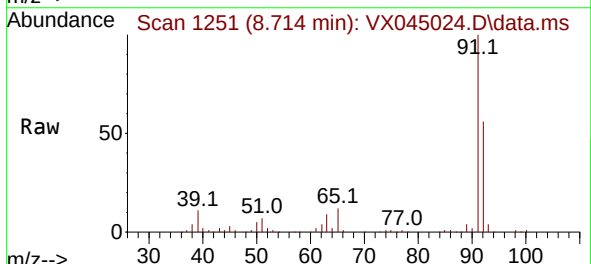
Tgt Ion:164 Resp: 2006
Ion Ratio Lower Upper
164 100
166 129.8 100.3 150.5
129 98.6 75.5 113.3
131 94.9 74.9 112.3

Manual Integrations
APPROVED

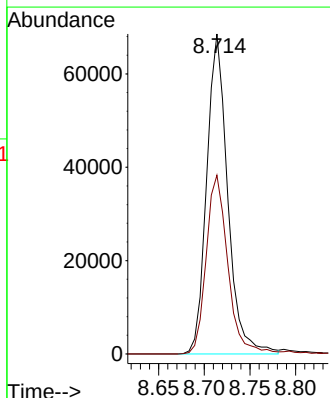
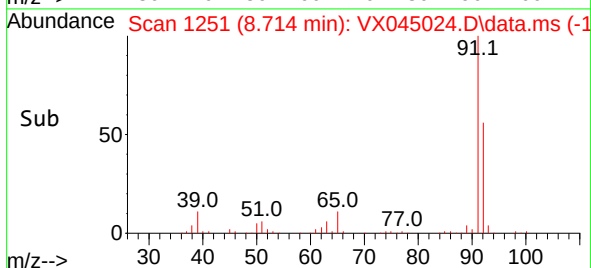
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

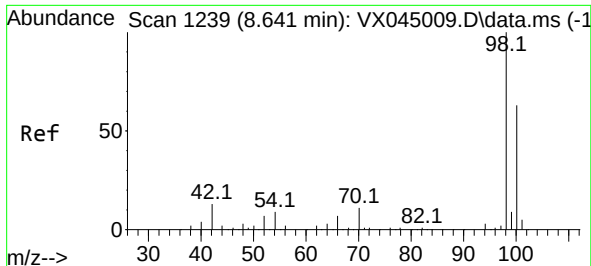


#62
Toluene
Concen: 20.322 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53



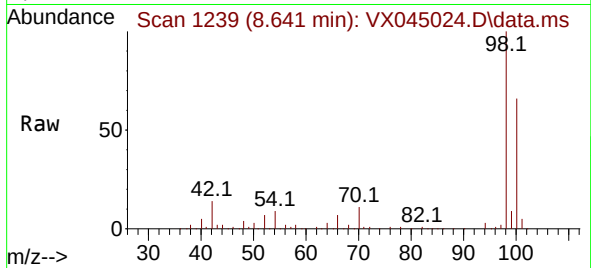
Tgt Ion: 91 Resp: 109370
Ion Ratio Lower Upper
91 100
92 57.5 46.9 70.3





#63
Toluene-d8
Concen: 30.344 ug/l
RT: 8.641 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

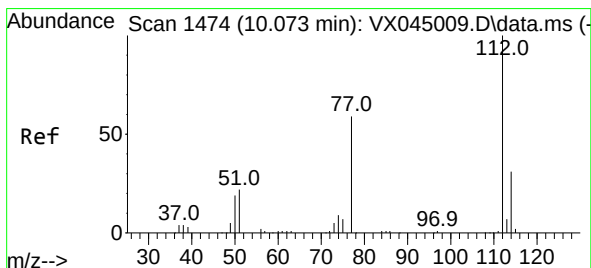
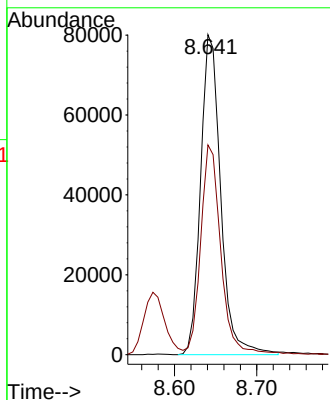
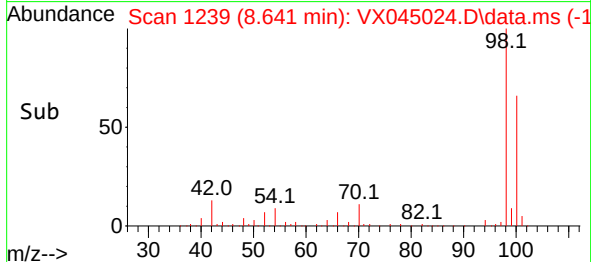
Instrument :
MSVOA_X
ClientSampleId :
VX0224WBSD01



Tgt Ion: 98 Resp: 13638
Ion Ratio Lower Upper
98 100
100 63.2 51.7 77.5

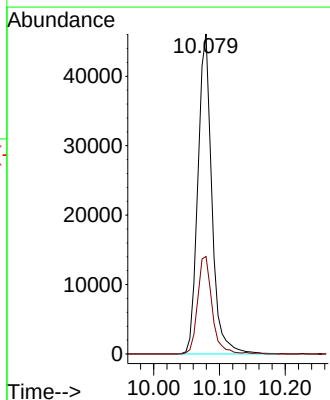
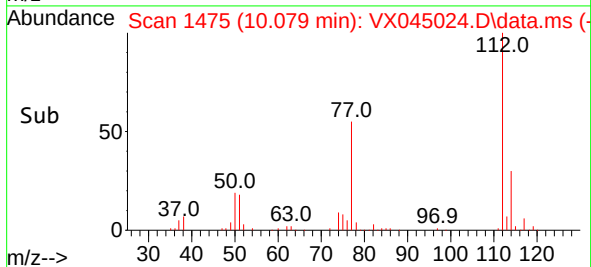
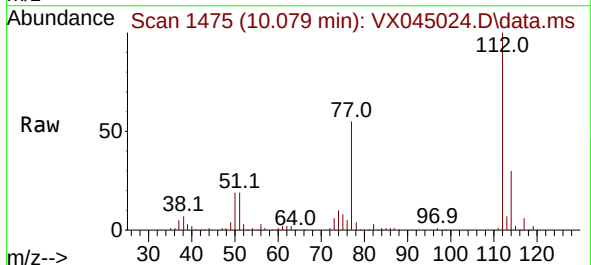
Manual Integrations
APPROVED

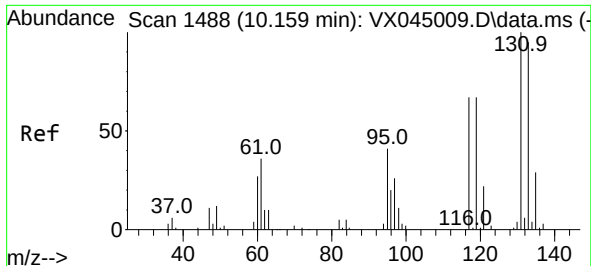
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#64
Chlorobenzene
Concen: 20.363 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

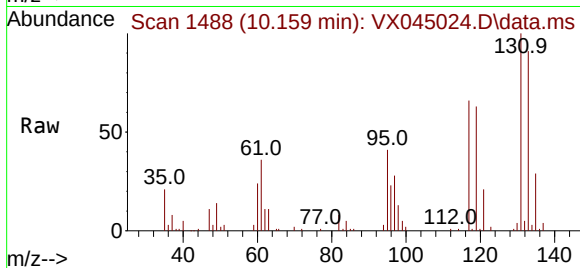
Tgt Ion:112 Resp: 67909
Ion Ratio Lower Upper
112 100
114 30.4 24.7 37.1





#65
1,1,1,2-Tetrachloroethane
Concen: 19.687 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

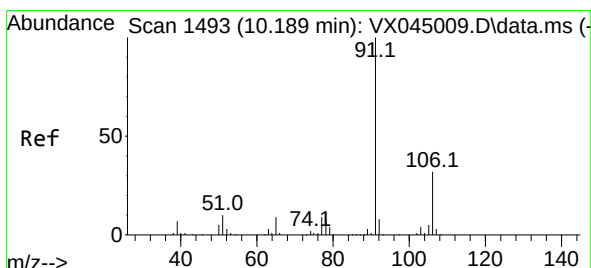
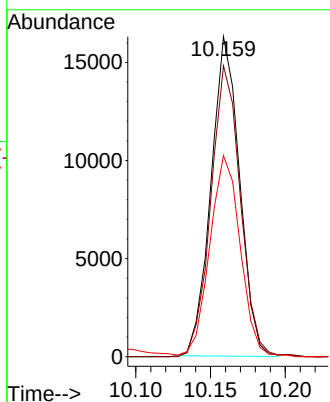
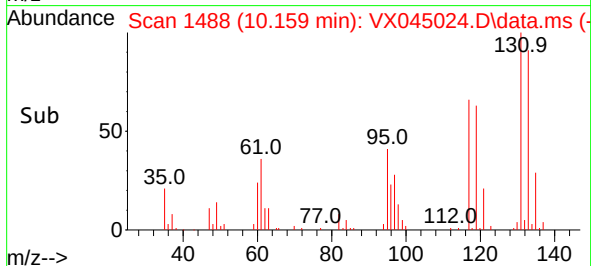
Instrument :
MSVOA_X
ClientSampleId :
VX0224WBSD01



Tgt Ion:131 Resp: 21664
Ion Ratio Lower Upper
131 100
133 94.0 0.0 187.8
119 65.5 0.0 133.0

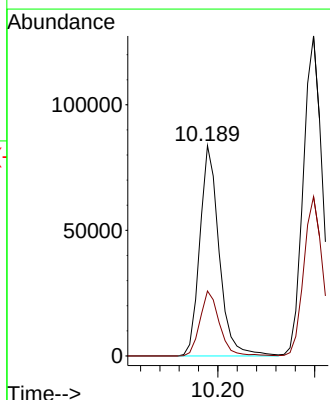
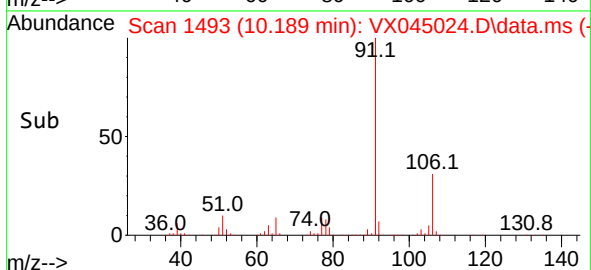
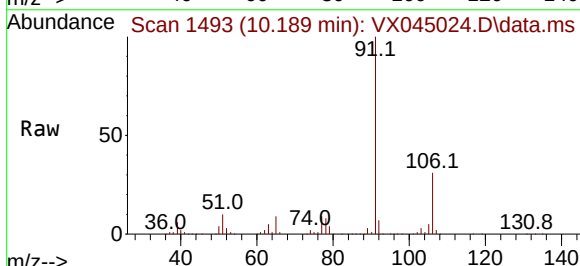
Manual Integrations
APPROVED

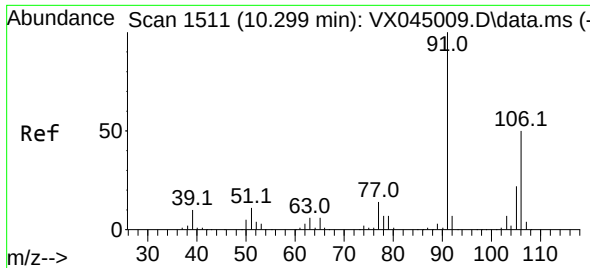
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#66
Ethyl Benzene
Concen: 19.821 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

Tgt Ion: 91 Resp: 116788
Ion Ratio Lower Upper
91 100
106 30.9 25.4 38.2





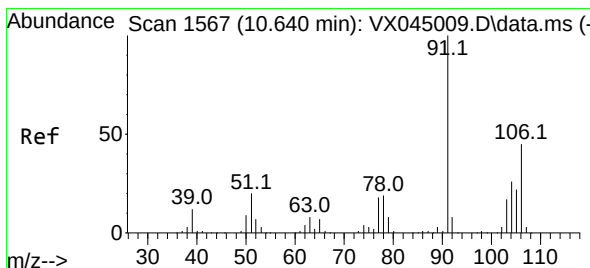
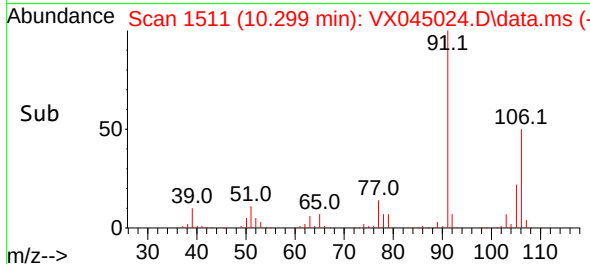
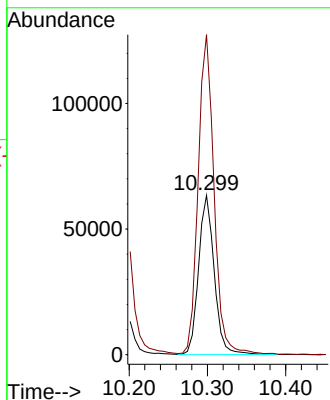
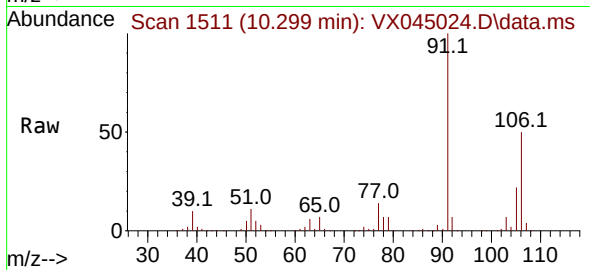
#67
m/p-Xylenes
Concen: 40.098 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX0224WBSD01

Tgt Ion:106 Resp: 8802
Ion Ratio Lower Upper
106 100
91 204.5 163.7 245.5

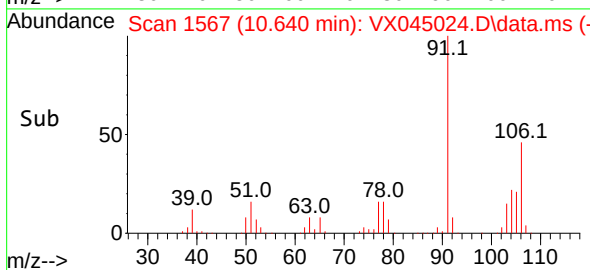
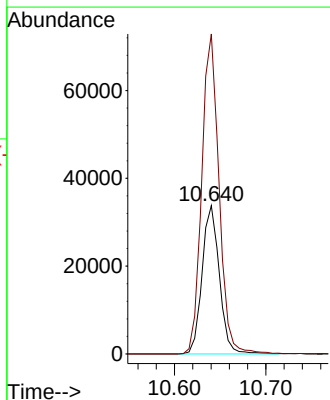
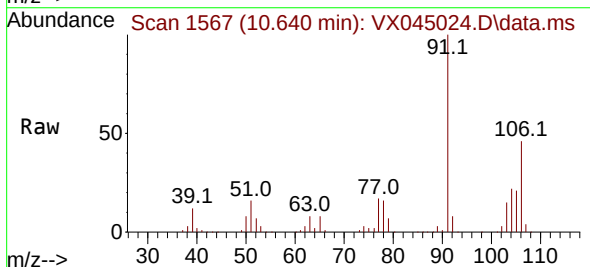
Manual Integrations
APPROVED

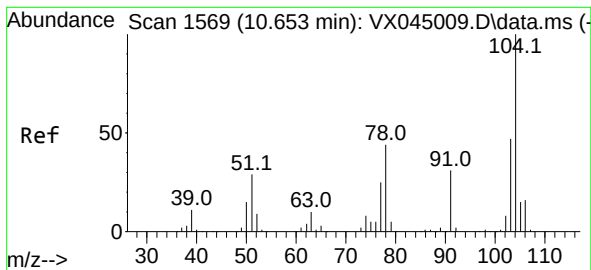
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#68
o-Xylene
Concen: 20.564 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

Tgt Ion:106 Resp: 44294
Ion Ratio Lower Upper
106 100
91 216.8 109.7 329.1





#69

Styrene

Concen: 19.925 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX045024.D

Acq: 24 Feb 2025 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX0224WBSD01

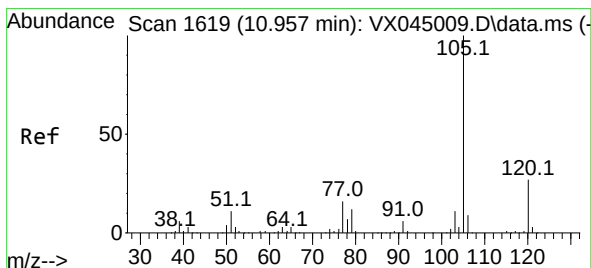
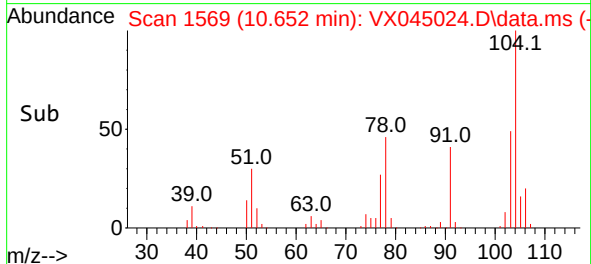
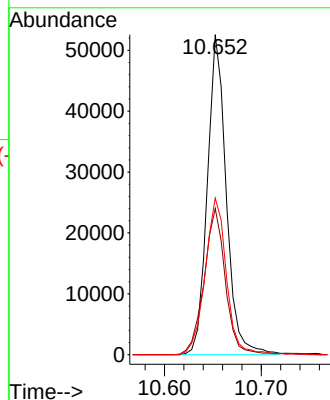
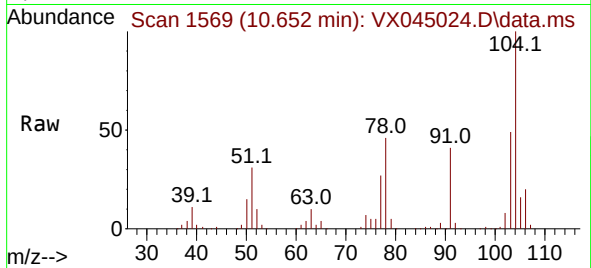
Tgt Ion:104	Resp:	71679
Ion Ratio	Lower	Upper
104	100	
78	51.6	41.4 62.0
103	55.1	43.0 64.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2025

Supervised By :Mahesh Dadoda 02/25/2025



#70

Isopropylbenzene

Concen: 19.897 ug/l

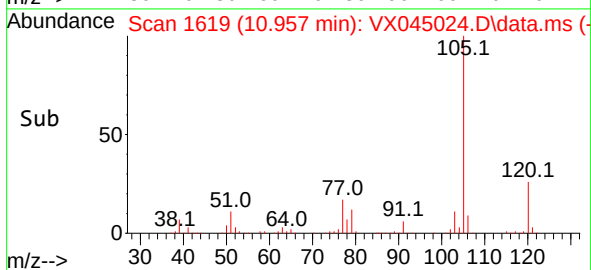
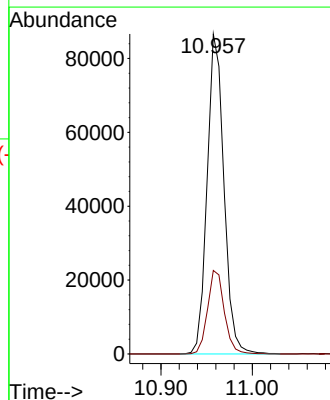
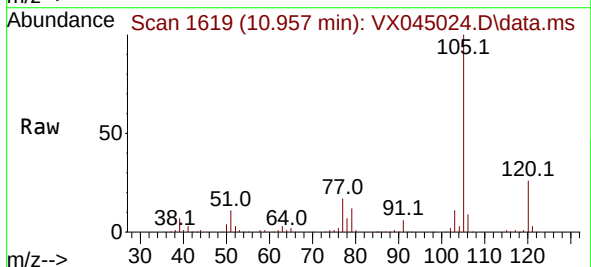
RT: 10.957 min Scan# 1619

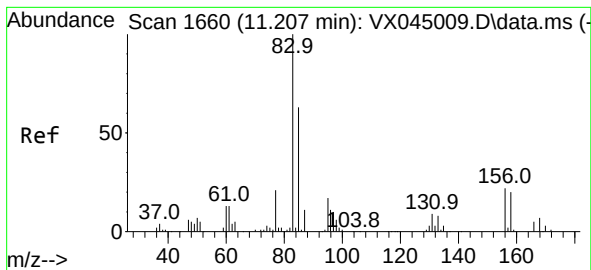
Delta R.T. -0.000 min

Lab File: VX045024.D

Acq: 24 Feb 2025 11:53

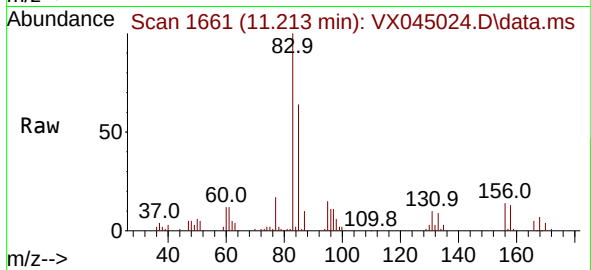
Tgt Ion:105	Resp:	110596
Ion Ratio	Lower	Upper
105	100	
120	26.1	18.4 34.2





#71
1,1,2,2-Tetrachloroethane
Concen: 21.692 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

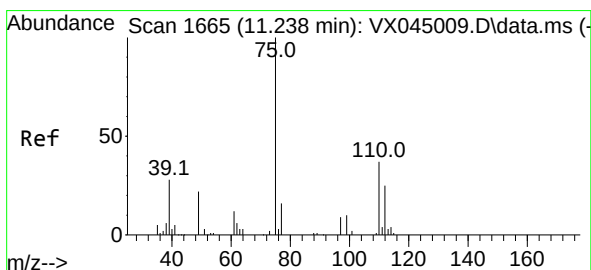
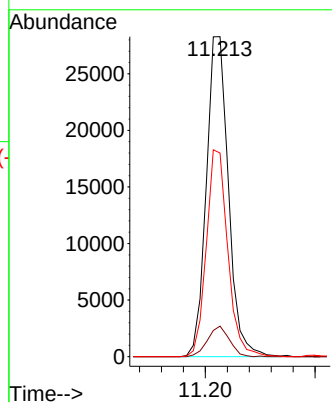
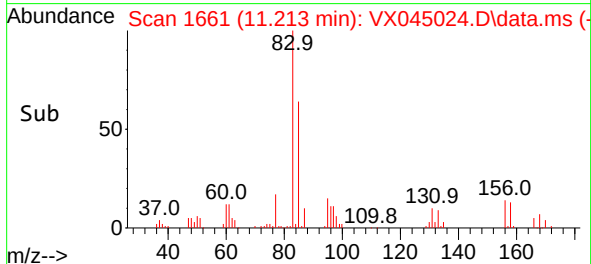
Instrument :
MSVOA_X
ClientSampleId :
VX0224WBSD01



Tgt Ion: 83 Resp: 39649
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.3
85 62.7 32.3 96.8

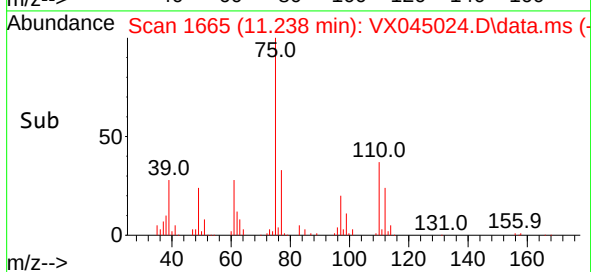
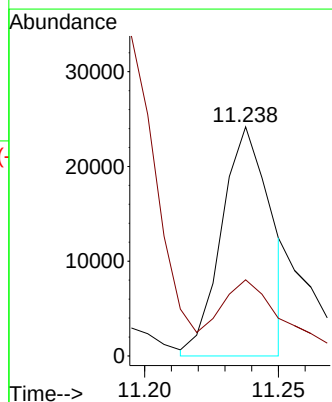
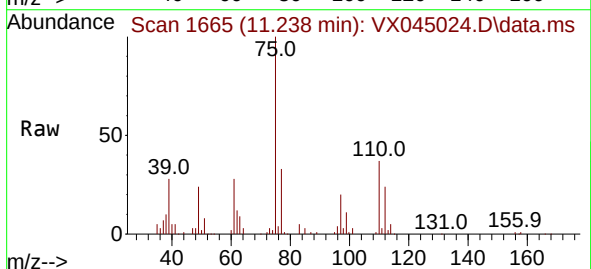
Manual Integrations
APPROVED

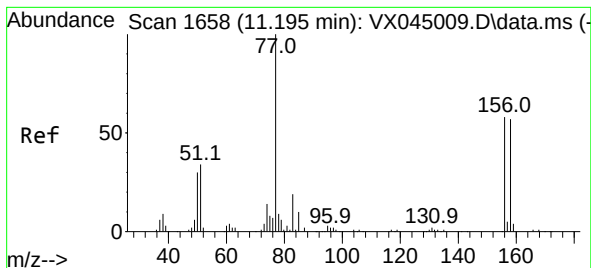
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#72
1,2,3-Trichloropropane
Concen: 20.506 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

Tgt Ion: 75 Resp: 30829
Ion Ratio Lower Upper
75 100
77 43.1 0.0 84.0





#73

Bromobenzene

Concen: 20.279 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX045024.D

Acq: 24 Feb 2025 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX0224WBSD01

Tgt Ion:156 Resp: 25949

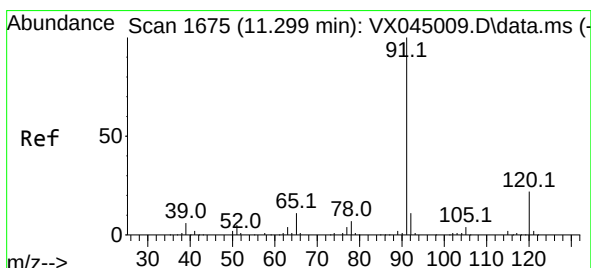
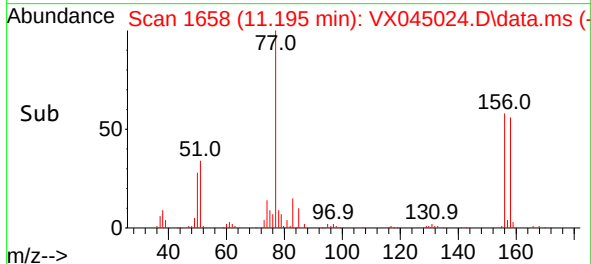
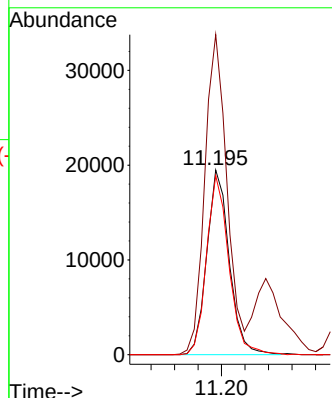
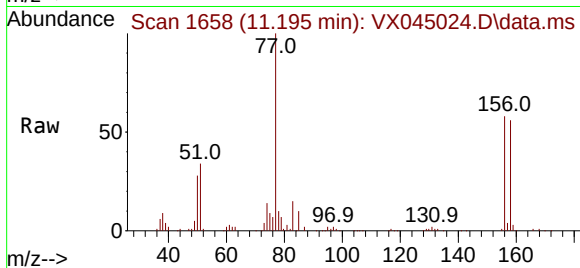
Ion	Ratio	Lower	Upper
156	100		
77	170.4	0.0	347.2
158	96.2	0.0	197.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2025

Supervised By :Mahesh Dadoda 02/25/2025



#74

n-propylbenzene

Concen: 19.078 ug/l

RT: 11.299 min Scan# 1675

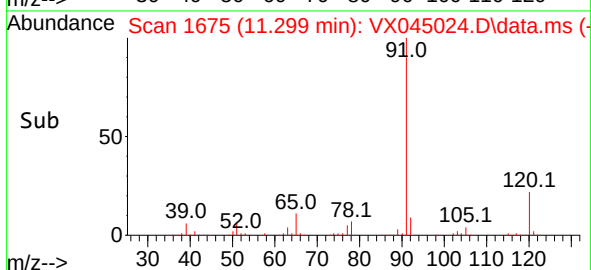
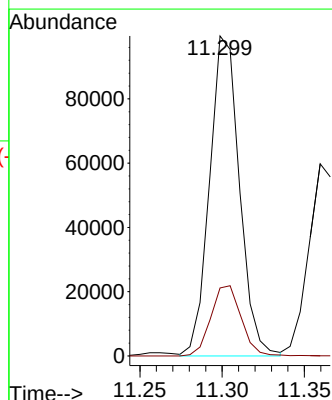
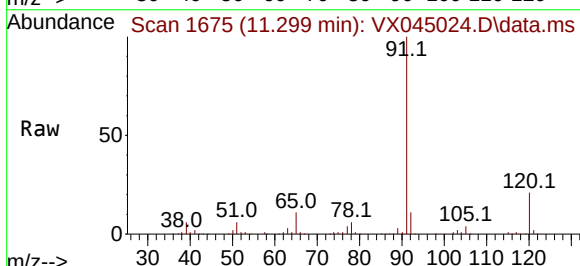
Delta R.T. -0.000 min

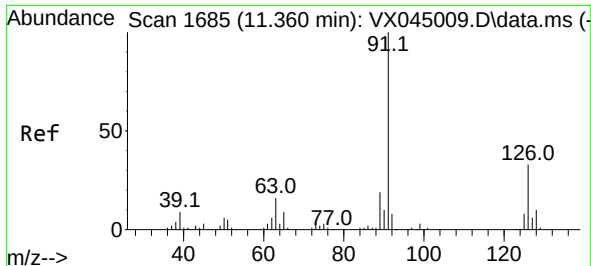
Lab File: VX045024.D

Acq: 24 Feb 2025 11:53

Tgt Ion: 91 Resp: 126198

Ion	Ratio	Lower	Upper
91	100		
120	22.2	0.0	44.2





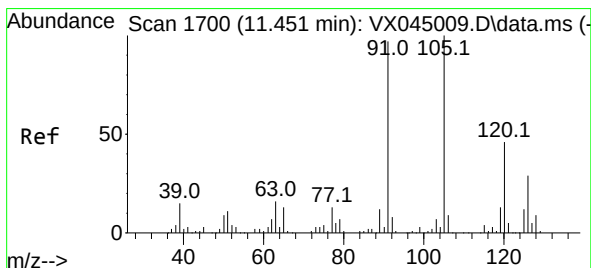
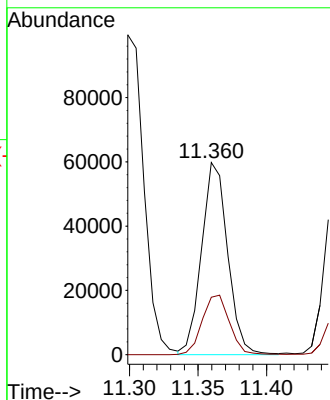
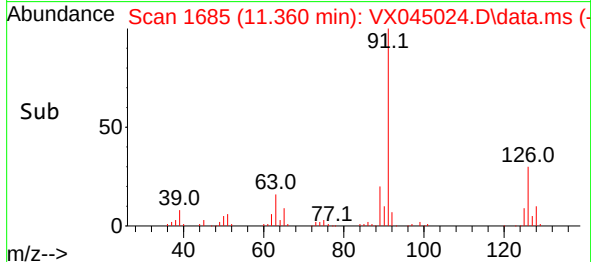
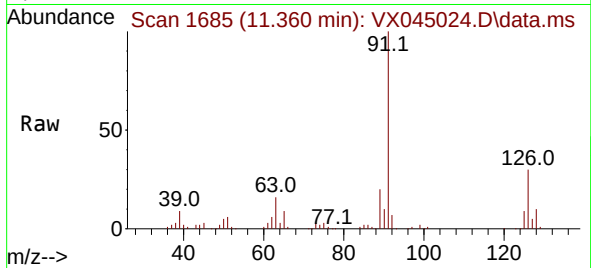
#75
2-Chlorotoluene
Concen: 19.832 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX0224WBSD01

Tgt Ion: 91 Resp: 7930
Ion Ratio Lower Upper
91 100
126 32.3 0.0 65.4

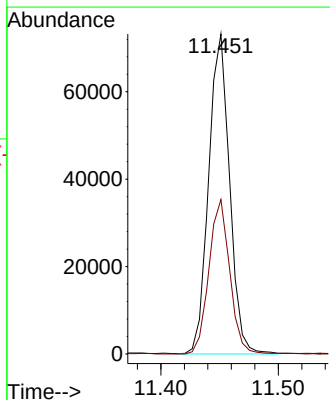
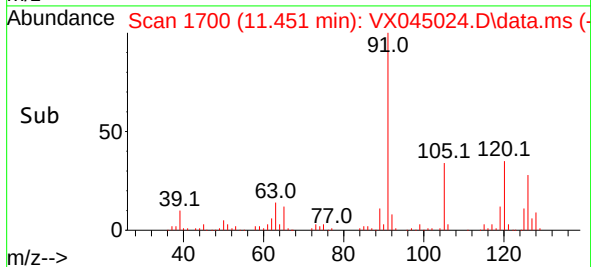
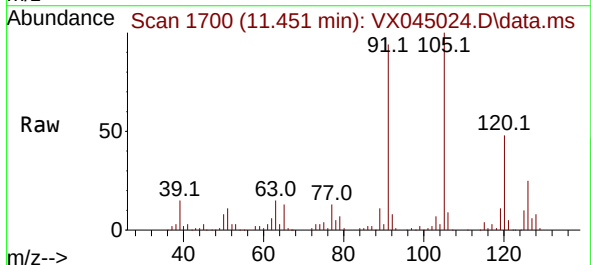
Manual Integrations
APPROVED

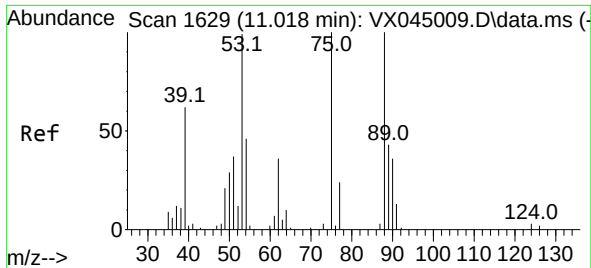
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#76
1,3,5-Trimethylbenzene
Concen: 19.752 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

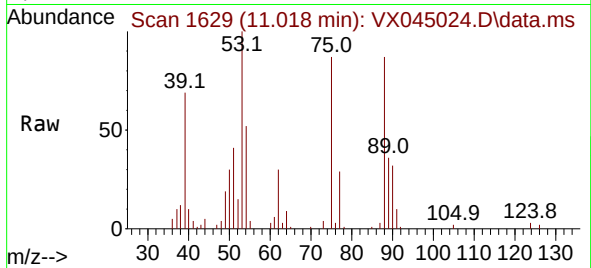
Tgt Ion:105 Resp: 90574
Ion Ratio Lower Upper
105 100
120 48.2 0.0 94.4





#77
t-1,4-Dichloro-2-butene
Concen: 17.091 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

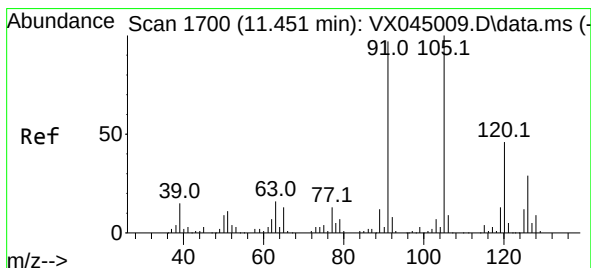
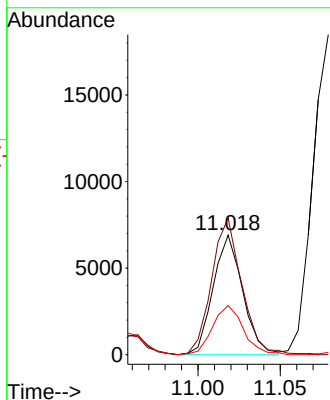
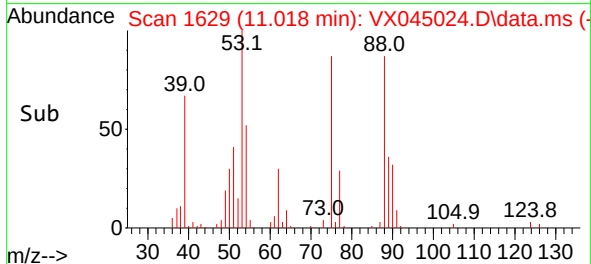
Instrument :
MSVOA_X
ClientSampleId :
VX0224WBSD01



Tgt Ion: 75 Resp: 8649
Ion Ratio Lower Upper
75 100
53 114.4 49.8 149.4
89 41.1 21.4 64.2

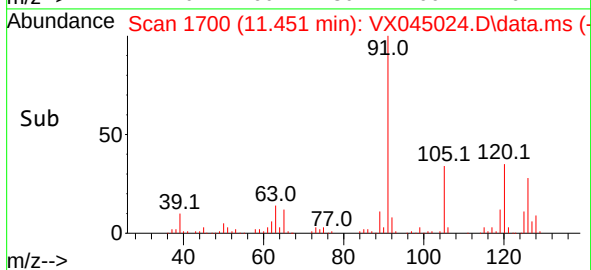
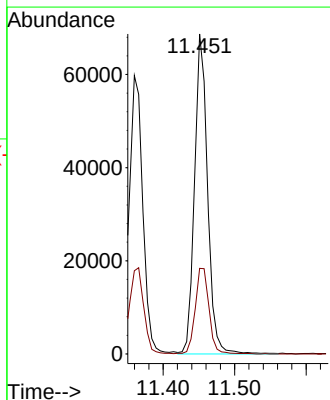
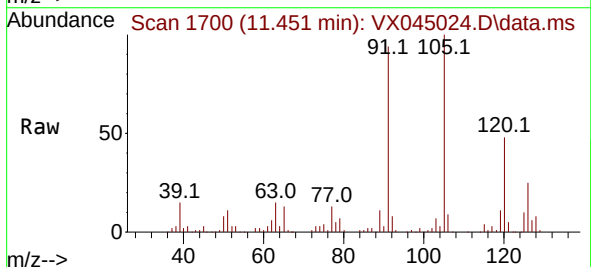
Manual Integrations
APPROVED

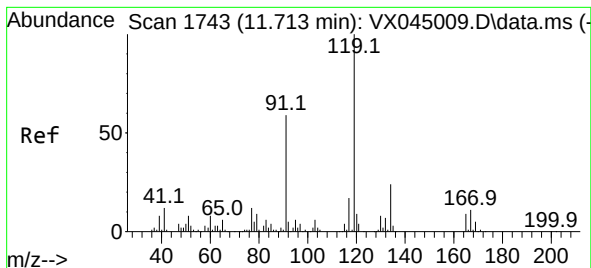
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#78
4-Chlorotoluene
Concen: 19.504 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

Tgt Ion: 91 Resp: 86944
Ion Ratio Lower Upper
91 100
126 28.2 0.0 58.0





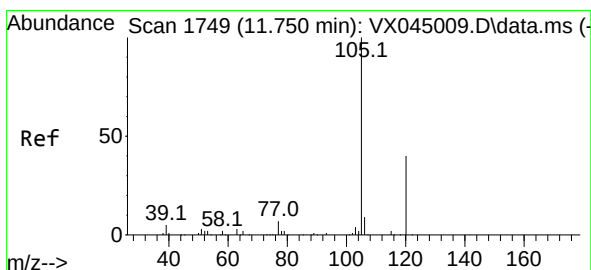
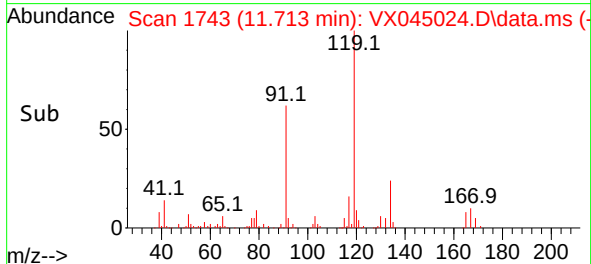
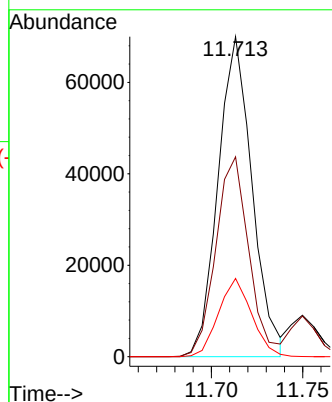
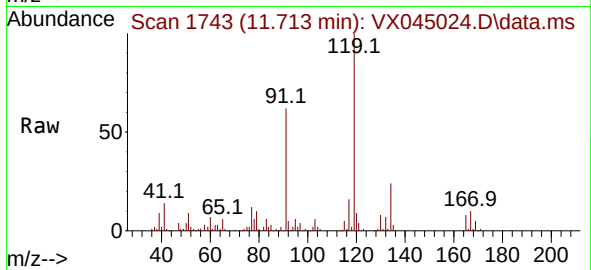
#79
tert-butylbenzene
Concen: 19.616 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX0224WBSD01

Tgt Ion:119 Resp: 90634
Ion Ratio Lower Upper
119 100
91 61.0 0.0 120.6
134 23.8 0.0 48.2

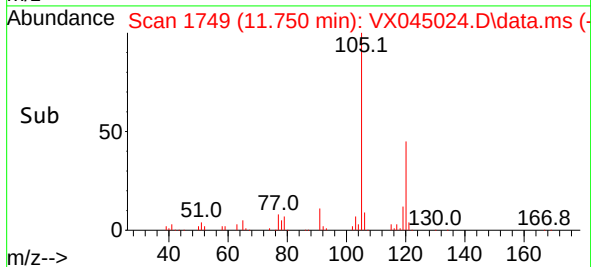
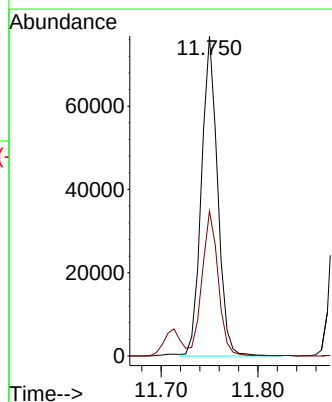
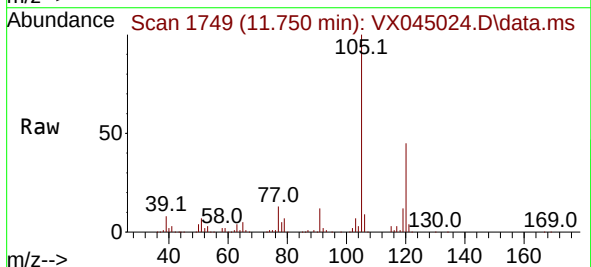
Manual Integrations
APPROVED

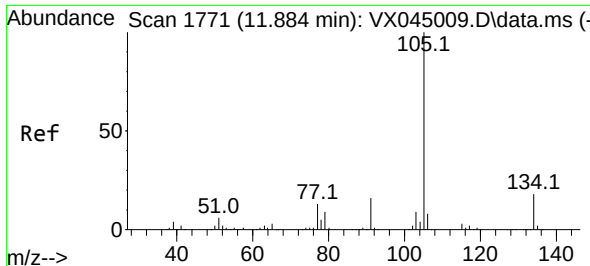
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#80
1,2,4-Trimethylbenzene
Concen: 19.450 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

Tgt Ion:105 Resp: 89343
Ion Ratio Lower Upper
105 100
120 45.5 0.0 88.4





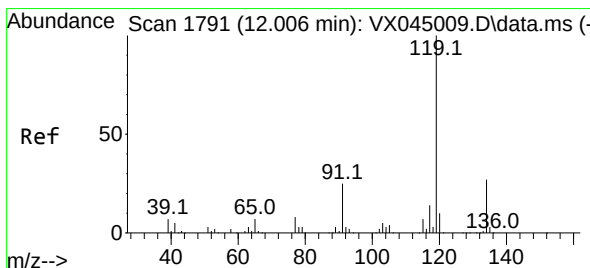
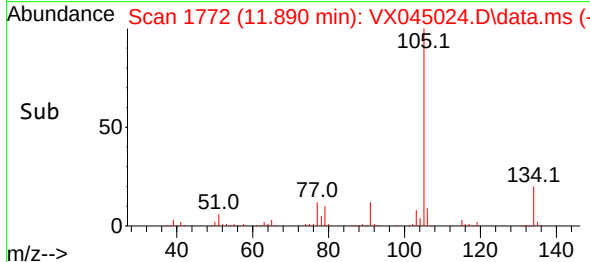
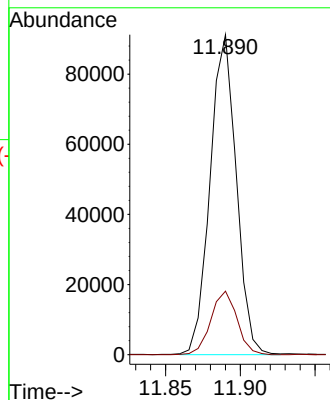
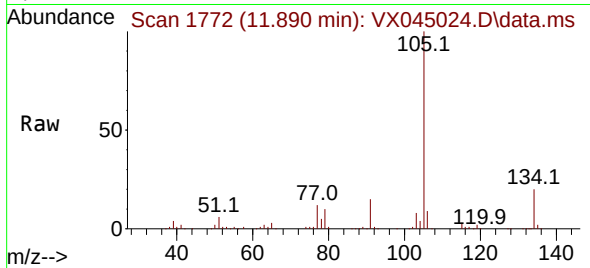
#81
 sec-Butylbenzene
 Concen: 19.176 ug/l
 RT: 11.890 min Scan# 11119
 Delta R.T. 0.006 min
 Lab File: VX045024.D
 Acq: 24 Feb 2025 11:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0224WBSD01

Tgt Ion:105 Resp: 11119
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 39.0

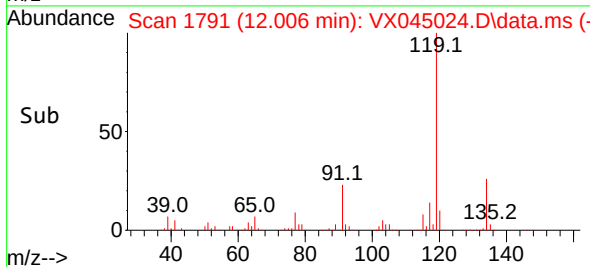
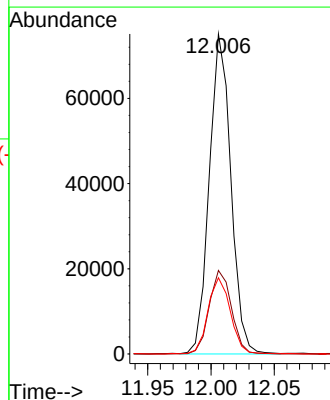
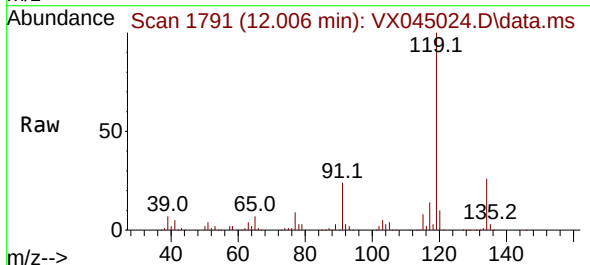
Manual Integrations
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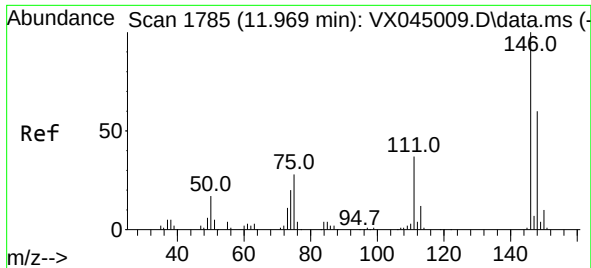
Reviewed By :John Carlone 02/25/2025
 Supervised By :Mahesh Dadoda 02/25/2025



#82
 p-Isopropyltoluene
 Concen: 18.988 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045024.D
 Acq: 24 Feb 2025 11:53

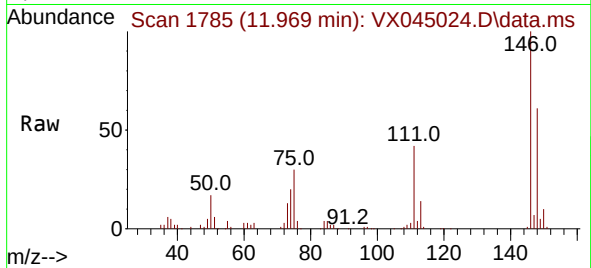
Tgt Ion:119 Resp: 89216
 Ion Ratio Lower Upper
 119 100
 134 26.9 0.0 52.6
 91 24.8 0.0 51.0





#83
1,3-Dichlorobenzene
Concen: 18.985 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

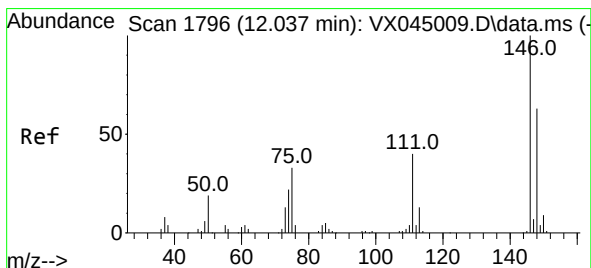
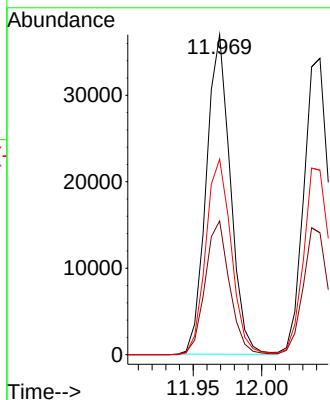
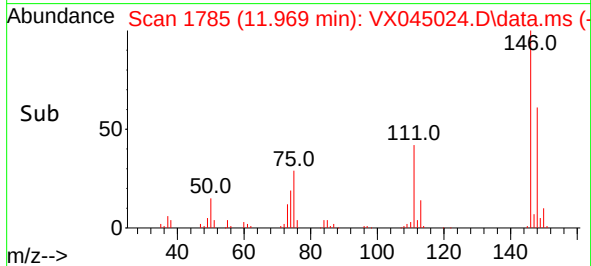
Instrument :
MSVOA_X
ClientSampleId :
VX0224WBSD01



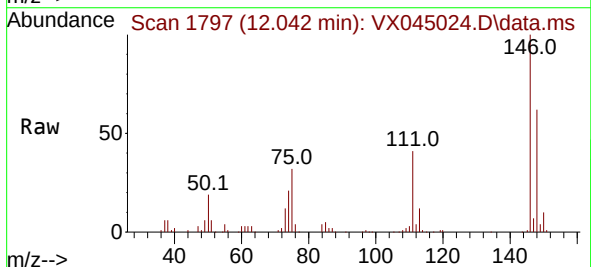
Tgt Ion:146 Resp: 45199
Ion Ratio Lower Upper
146 100
111 42.5 20.2 60.5
148 64.8 31.2 93.6

Manual Integrations
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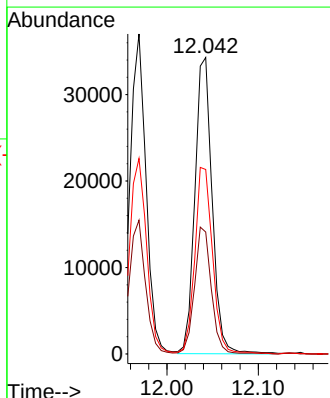
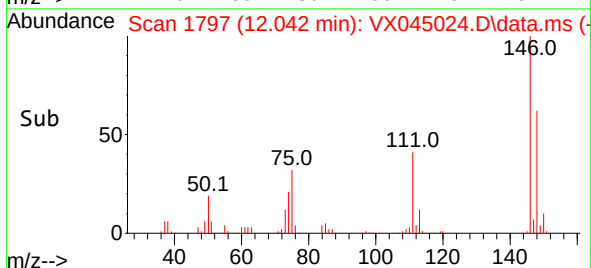
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

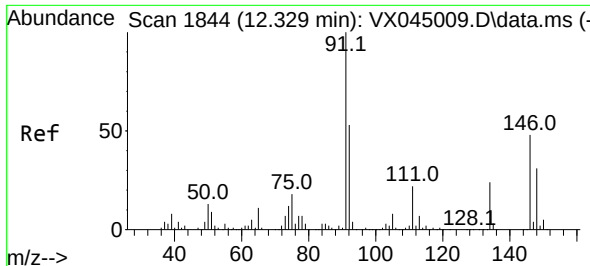


#84
1,4-Dichlorobenzene
Concen: 19.221 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53



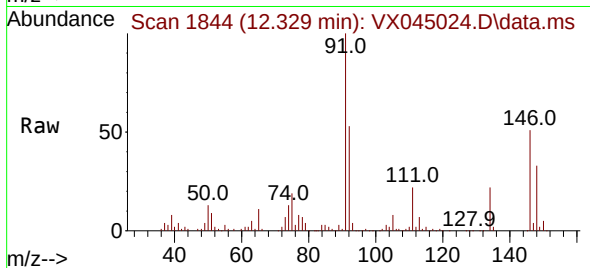
Tgt Ion:146 Resp: 45120
Ion Ratio Lower Upper
146 100
111 41.5 20.4 61.2
148 64.9 31.8 95.4





#85
n-Butylbenzene
Concen: 17.941 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

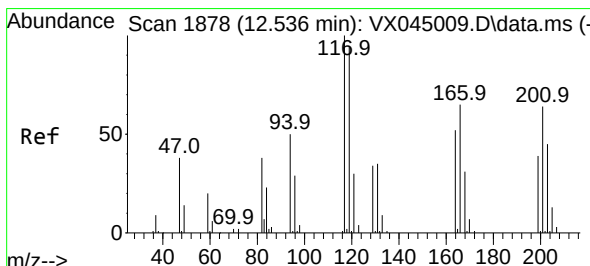
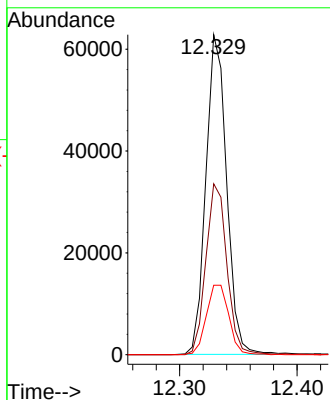
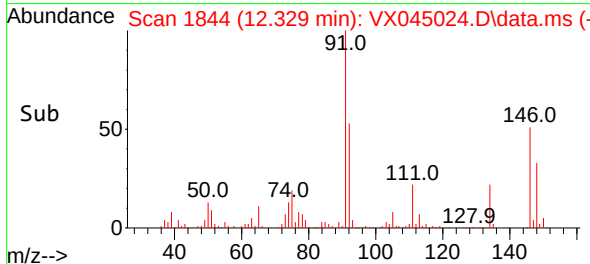
Instrument :
MSVOA_X
ClientSampleId :
VX0224WBSD01



Tgt Ion: 91 Resp: 7697
Ion Ratio Lower Upper
91 100
92 54.2 0.0 105.2
134 23.6 0.0 49.4

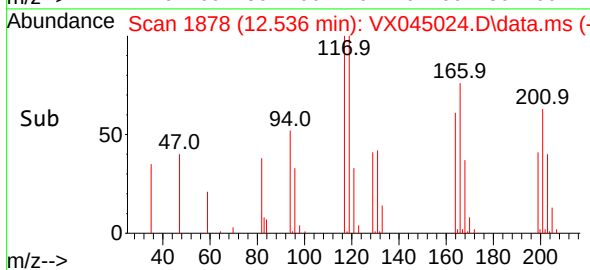
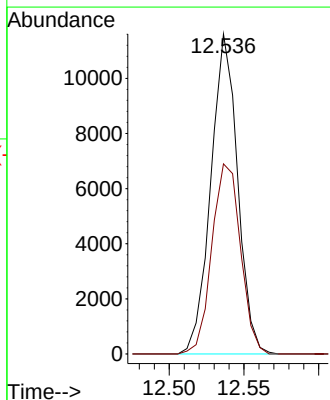
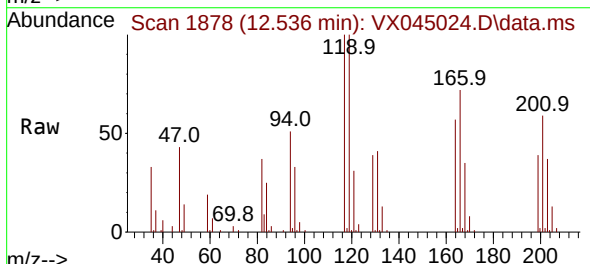
Manual Integrations
APPROVED

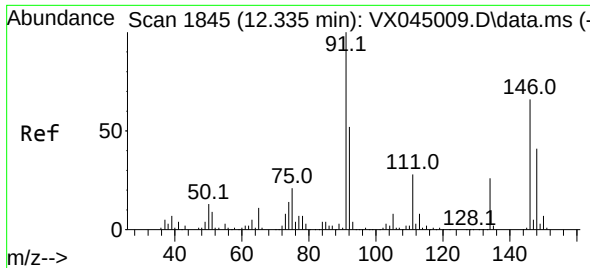
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#86
Hexachloroethane
Concen: 17.445 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

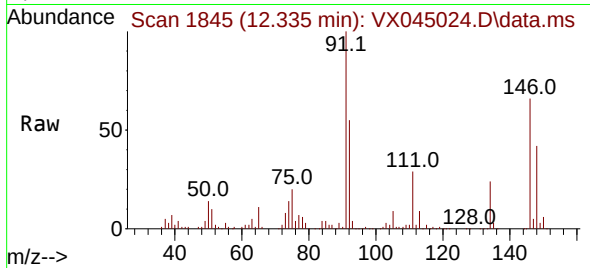
Tgt Ion:117 Resp: 14455
Ion Ratio Lower Upper
117 100
201 63.5 32.6 97.7





#87
1,2-Dichlorobenzene
Concen: 20.783 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

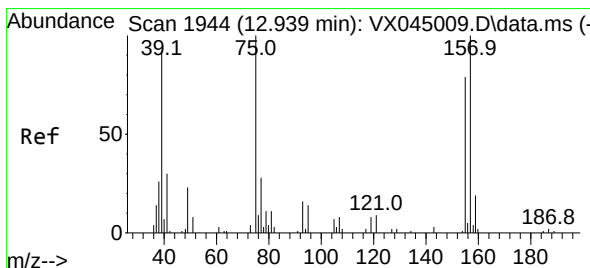
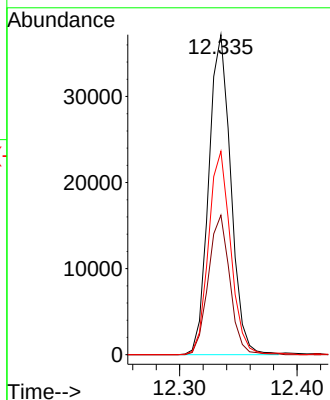
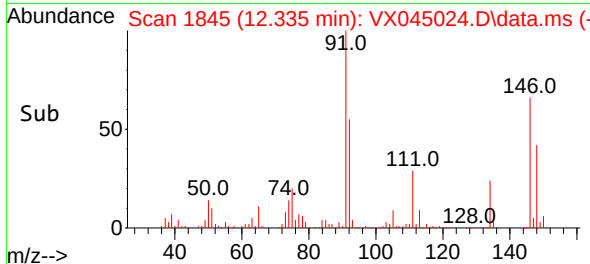
Instrument :
MSVOA_X
ClientSampleId :
VX0224WBSD01



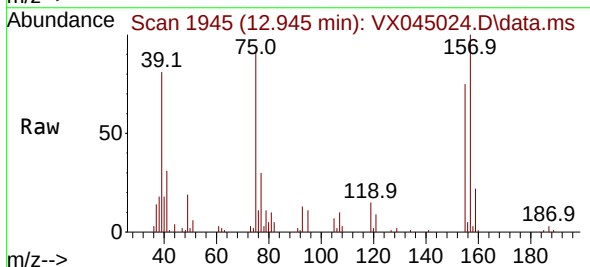
Tgt Ion:146 Resp: 4855
Ion Ratio Lower Upper
146 100
111 42.4 21.7 65.1
148 63.4 31.8 95.4

Manual Integrations
APPROVED

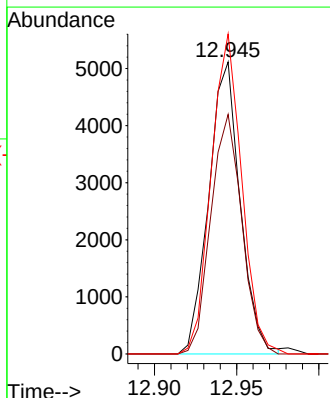
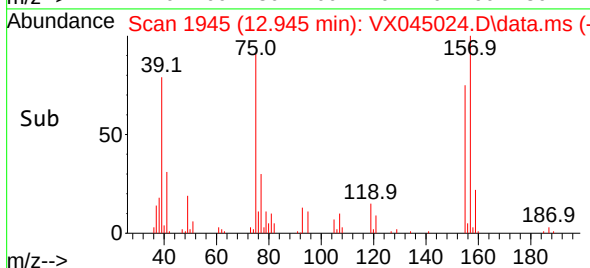
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

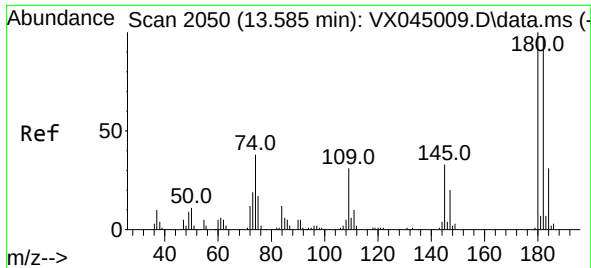


#88
1,2-Dibromo-3-Chloropropane
Concen: 19.229 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53



Tgt Ion: 75 Resp: 6805
Ion Ratio Lower Upper
75 100
155 80.9 66.2 99.4
157 106.6 81.4 122.2





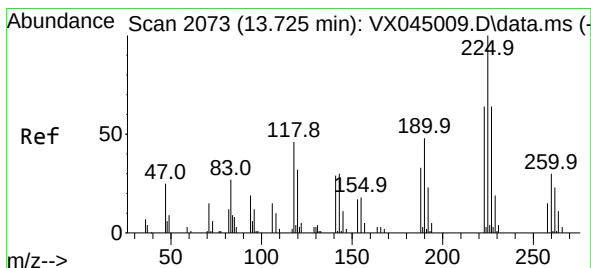
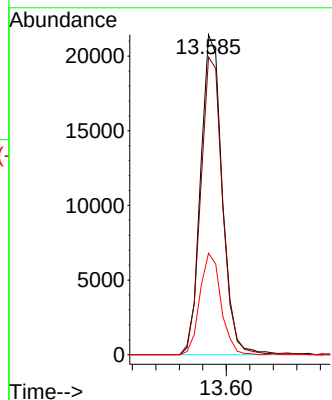
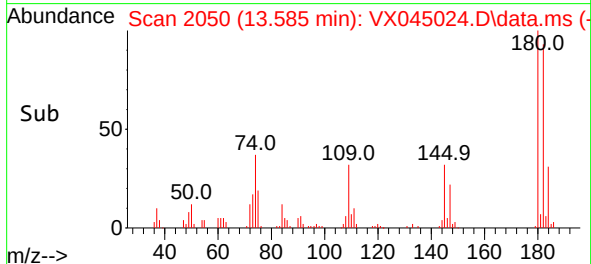
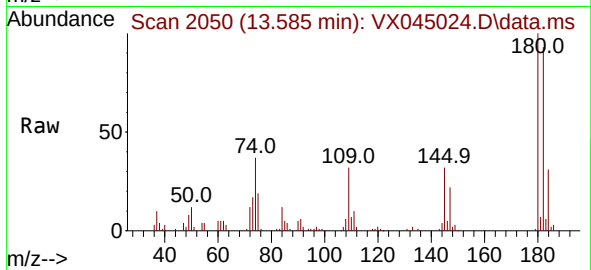
#89
1,2,4-Trichlorobenzene
Concen: 19.284 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX0224WBSD01

Tgt Ion:180 Resp: 2730
Ion Ratio Lower Upper
180 100
182 93.7 77.7 116.5
145 31.0 25.8 38.6

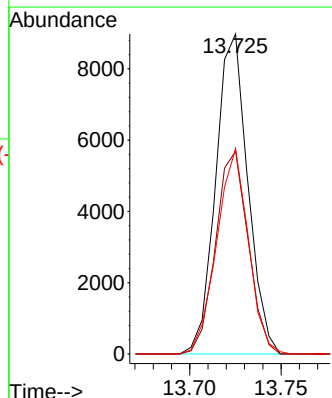
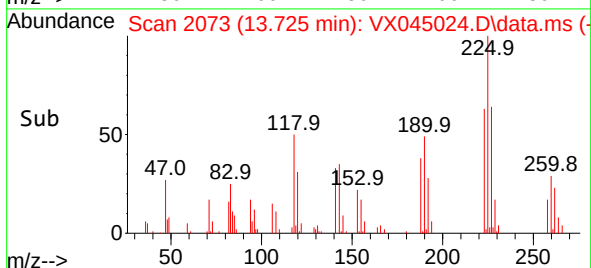
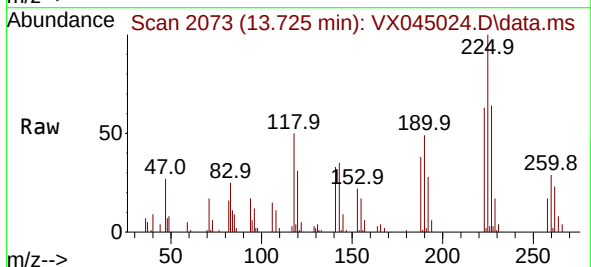
Manual Integrations
APPROVED

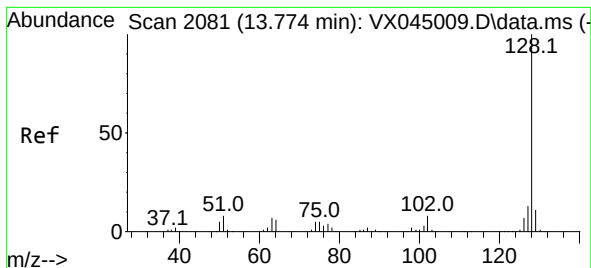
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#90
Hexachlorobutadiene
Concen: 19.015 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

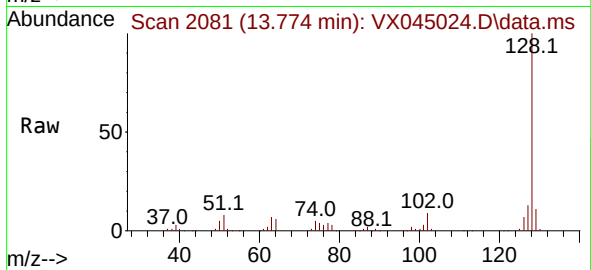
Tgt Ion:225 Resp: 10979
Ion Ratio Lower Upper
225 100
223 64.2 0.0 123.4
227 63.3 0.0 127.4





#91
Naphthalene
Concen: 20.763 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53

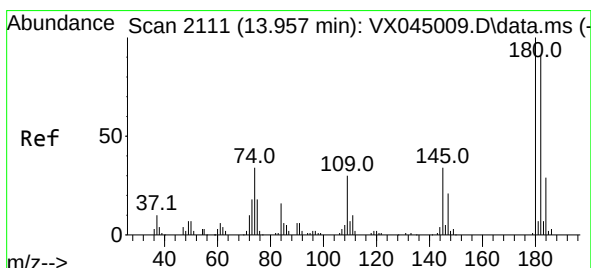
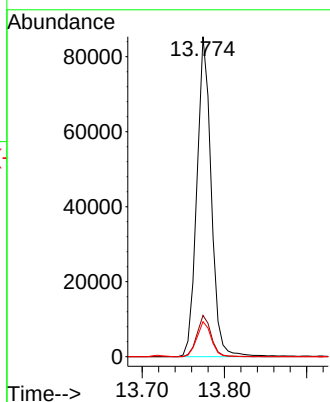
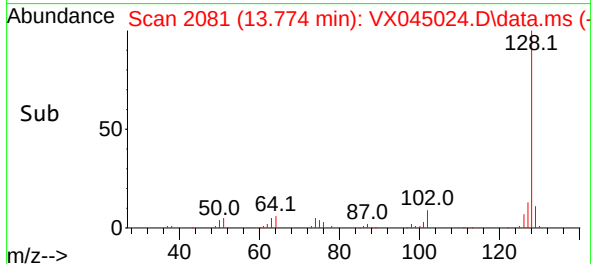
Instrument :
MSVOA_X
ClientSampleId :
VX0224WBSD01



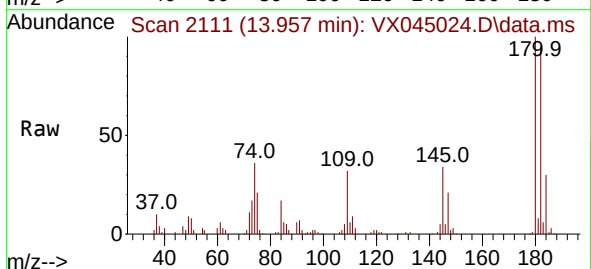
Tgt Ion:128 Resp: 103658
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#92
1,2,3-Trichlorobenzene
Concen: 19.712 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX045024.D
Acq: 24 Feb 2025 11:53



Tgt Ion:180 Resp: 28733
Ion Ratio Lower Upper
180 100
182 96.4 0.0 186.6
145 33.5 0.0 68.4

