

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032025\
 Data File : VX045350.D
 Acq On : 20 Mar 2025 10:53
 Operator : JC/MD
 Sample : VX0320WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0320WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/21/2025
 Supervised By : Mahesh Dadoda 03/21/2025

Quant Time: Mar 21 01:42:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	94337	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	168482	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	149499	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84826	56.529	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.060%			
35) Dibromofluoromethane	5.379	113	61688	54.756	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.520%			
50) Toluene-d8	8.647	98	217551	53.265	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.540%			
62) 4-Bromofluorobenzene	11.079	95	75333	55.661	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 111.320%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	21766	18.330	ug/l	96
3) Chloromethane	1.307	50	24700	16.997	ug/l	99
4) Vinyl Chloride	1.374	62	23778	16.494	ug/l	99
5) Bromomethane	1.593	94	10806	19.068	ug/l	97
6) Chloroethane	1.666	64	13543	20.367	ug/l	96
7) Trichlorofluoromethane	1.874	101	36454	19.102	ug/l	98
8) Diethyl Ether	2.130	74	12684	16.992	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.319	101	23673	21.591	ug/l	98
10) Methyl Iodide	2.441	142	26414	19.277	ug/l	96
11) Tert butyl alcohol	2.983	59	23416	82.384	ug/l	97
12) 1,1-Dichloroethene	2.306	96	21823	18.826	ug/l	94
13) Acrolein	2.233	56	17293	52.632	ug/l	97
14) Allyl chloride	2.654	41	41884	20.298	ug/l	96
15) Acrylonitrile	3.062	53	80049	105.082	ug/l	99
16) Acetone	2.386	43	71160	102.209	ug/l	98
17) Carbon Disulfide	2.502	76	46834	15.169	ug/l	98
18) Methyl Acetate	2.703	43	44122	26.343	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	79261	20.380	ug/l	96
20) Methylene Chloride	2.782	84	26965	19.552	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	21732	18.976	ug/l	95
22) Diisopropyl ether	3.763	45	84886	20.228	ug/l	91
23) Vinyl Acetate	3.721	43	349536	99.810	ug/l	97
24) 1,1-Dichloroethane	3.605	63	46978	19.975	ug/l	99
25) 2-Butanone	4.562	43	113246	108.061	ug/l	97
26) 2,2-Dichloropropane	4.471	77	31743	28.775	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	28042	19.836	ug/l	92
28) Bromochloromethane	4.891	49	20825	18.577	ug/l	100
29) Tetrahydrofuran	5.013	42	70666	100.410	ug/l	99
30) Chloroform	5.086	83	49636	21.241	ug/l	94
31) Cyclohexane	5.458	56	38216	18.719	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	39741	21.056	ug/l	98
36) 1,1-Dichloropropene	5.684	75	29925	19.369	ug/l	98
37) Ethyl Acetate	4.721	43	41357	20.774	ug/l	100
38) Carbon Tetrachloride	5.672	117	33150	21.134	ug/l	92
39) Methylcyclohexane	7.379	83	36558	19.747	ug/l	98
40) Benzene	6.031	78	98693	20.229	ug/l	95

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	23443	21.777	ug/l	98
42) 1,2-Dichloroethane	6.080	62	38946	22.168	ug/l	98
43) Isopropyl Acetate	6.342	43	62089	21.091	ug/l	98
44) Trichloroethene	7.129	130	22383	19.539	ug/l	98
45) 1,2-Dichloropropane	7.427	63	25785	20.556	ug/l	96
46) Dibromomethane	7.580	93	19014	21.446	ug/l	96
47) Bromodichloromethane	7.818	83	36869	21.200	ug/l	99
48) Methyl methacrylate	7.690	41	31795	21.528	ug/l	96
49) 1,4-Dioxane	7.665	88	11649	373.915	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	222348	112.487	ug/l	99
52) Toluene	8.714	92	59792	20.888	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	30322	20.856	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	36016	21.244	ug/l	92
55) 1,1,2-Trichloroethane	9.147	97	25471	21.615	ug/l	99
56) Ethyl methacrylate	9.116	69	38614	21.557	ug/l	96
57) 1,3-Dichloropropane	9.305	76	42984	21.077	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	84877	97.136	ug/l	99
59) 2-Hexanone	9.427	43	161205	112.560	ug/l	98
60) Dibromochloromethane	9.519	129	26339	21.377	ug/l	98
61) 1,2-Dibromoethane	9.610	107	25179	21.403	ug/l	97
64) Tetrachloroethene	9.269	164	19550	20.418	ug/l	99
65) Chlorobenzene	10.079	112	64649	20.437	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	21858	20.749	ug/l	97
67) Ethyl Benzene	10.189	91	112693	20.445	ug/l	99
68) m/p-Xylenes	10.299	106	85116	42.183	ug/l	99
69) o-Xylene	10.640	106	42125	20.699	ug/l	98
70) Styrene	10.652	104	68782	20.888	ug/l	97
71) Bromoform	10.799	173	16337	20.565	ug/l #	99
73) Isopropylbenzene	10.963	105	110486	21.707	ug/l	99
74) N-amyl acetate	10.841	43	50145	20.996	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	39901	21.363	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	32167m	21.194	ug/l	
77) Bromobenzene	11.195	156	24928	20.758	ug/l	96
78) n-propylbenzene	11.299	91	126518	22.004	ug/l	98
79) 2-Chlorotoluene	11.360	91	78311	21.386	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	91263	22.175	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	9225	20.800	ug/l #	84
82) 4-Chlorotoluene	11.451	91	86685	21.721	ug/l	100
83) tert-Butylbenzene	11.713	119	91062	21.535	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	89517	21.617	ug/l	100
85) sec-Butylbenzene	11.890	105	113963	22.499	ug/l	99
86) p-Isopropyltoluene	12.006	119	90559	22.123	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	44674	20.853	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	44289	20.434	ug/l	98
89) n-Butylbenzene	12.329	91	76819	21.789	ug/l	99
90) Hexachloroethane	12.536	117	15824	21.372	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	45440	21.144	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7923	21.774	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	24507	20.027	ug/l	99
94) Hexachlorobutadiene	13.725	225	10883	21.692	ug/l	98
95) Naphthalene	13.774	128	94184	20.032	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	25568	19.806	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

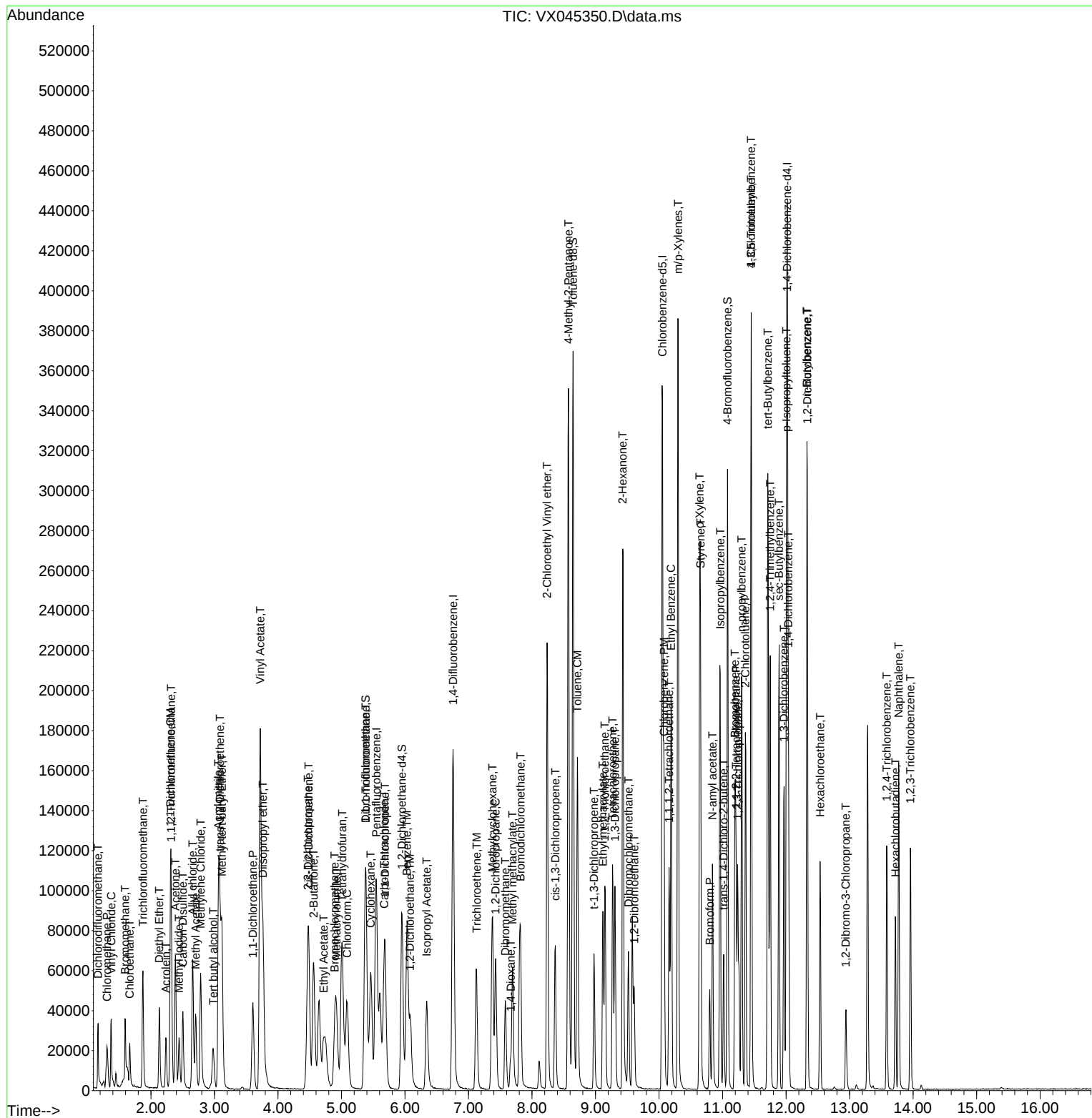
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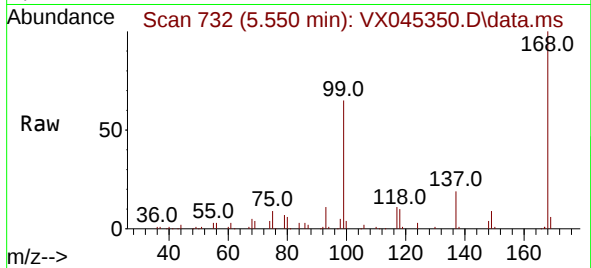
Reviewed By : John Carlone 03/21/2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

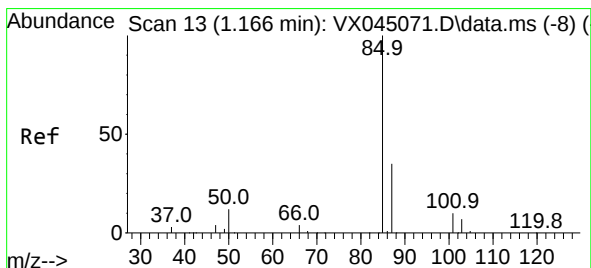
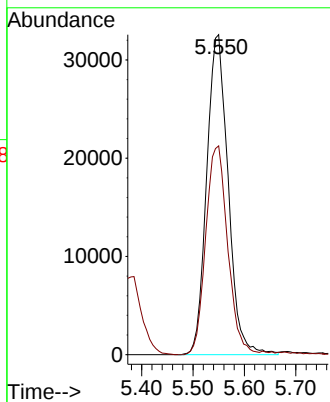
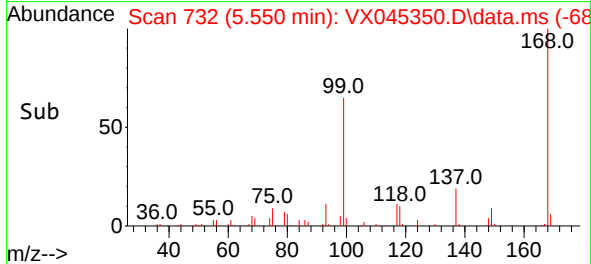
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS01



Tgt Ion:168 Resp: 9433
Ion Ratio Lower Upper
168 100
99 65.3 48.2 72.4

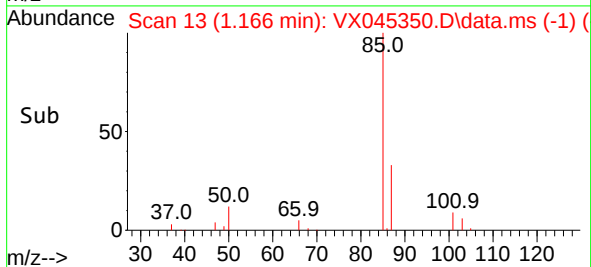
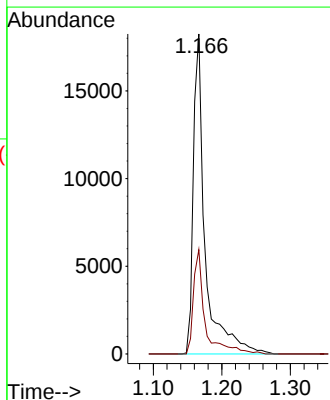
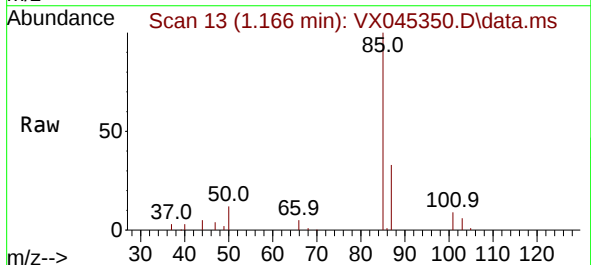
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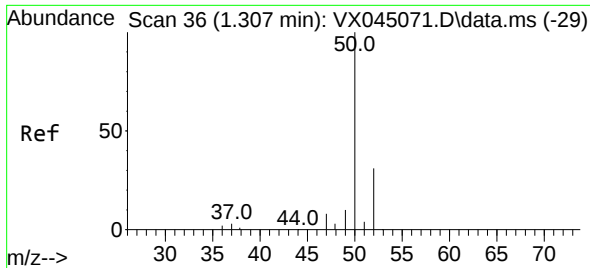
Reviewed By :John Carlone 03/21/2025
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#2
Dichlorodifluoromethane
Concen: 18.330 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

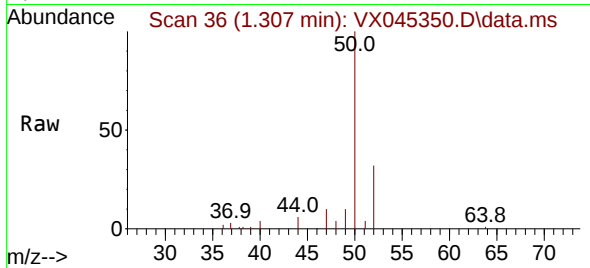
Tgt Ion: 85 Resp: 21766
Ion Ratio Lower Upper
85 100
87 32.6 17.4 52.3





#3
Chloromethane
Concen: 16.997 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

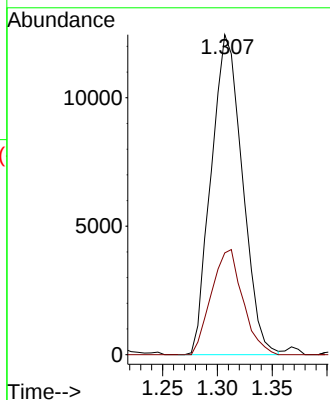
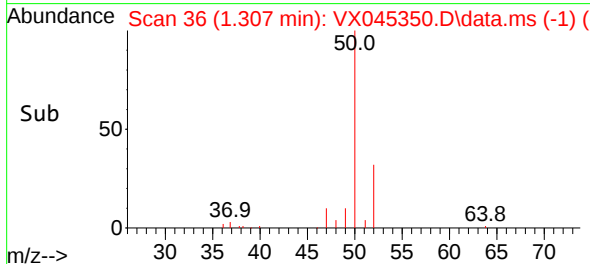
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS01



Tgt Ion: 50 Resp: 24700
Ion Ratio Lower Upper
50 100
52 31.8 25.0 37.4

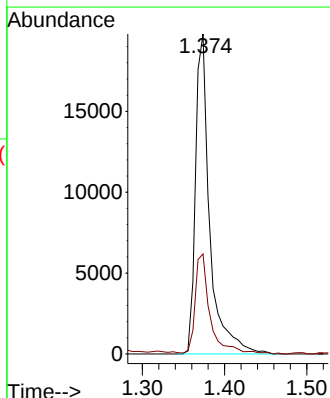
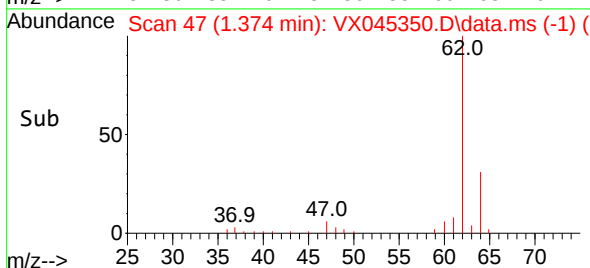
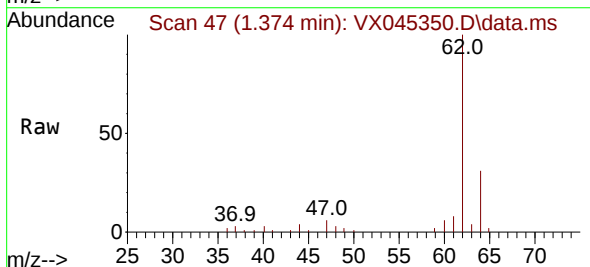
Manual Integrations
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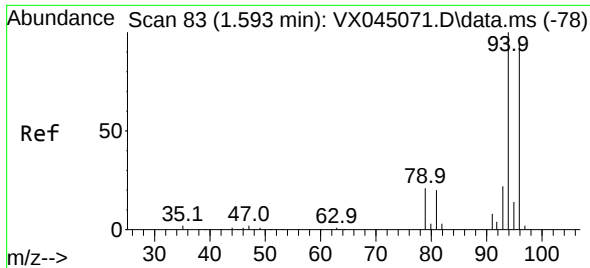
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#4
Vinyl Chloride
Concen: 16.494 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

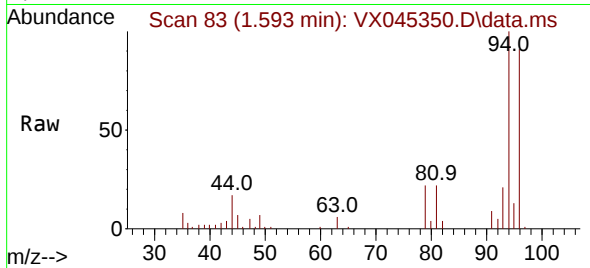
Tgt Ion: 62 Resp: 23778
Ion Ratio Lower Upper
62 100
64 30.9 24.3 36.5





#5
Bromomethane
Concen: 19.068 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

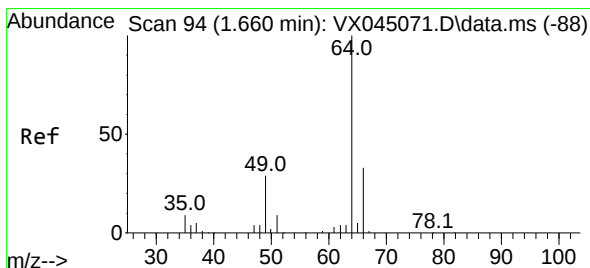
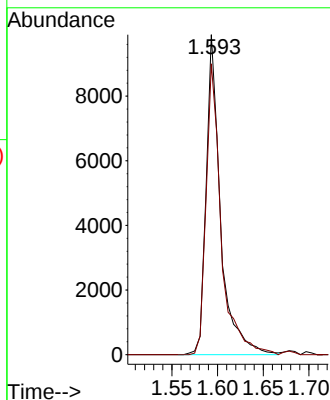
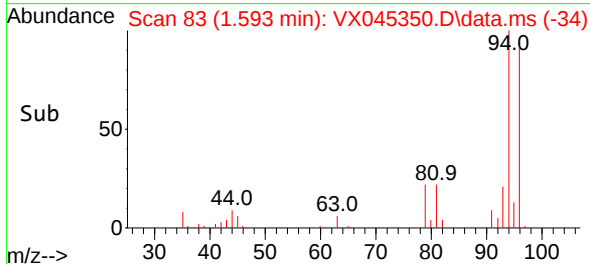
Instrument :
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Tgt Ion: 94 Resp: 10800
Ion Ratio Lower Upper
94 100
96 90.9 75.0 112.4

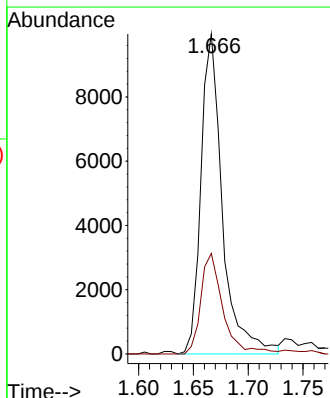
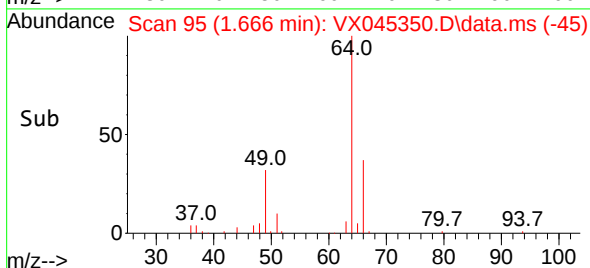
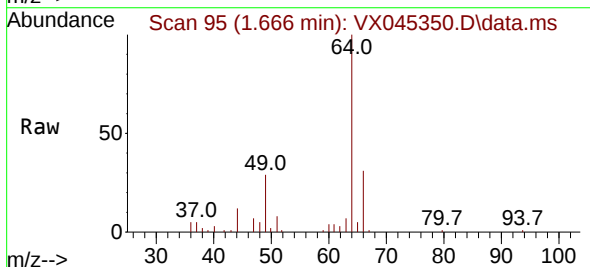
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#6
Chloroethane
Concen: 20.367 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX045350.D
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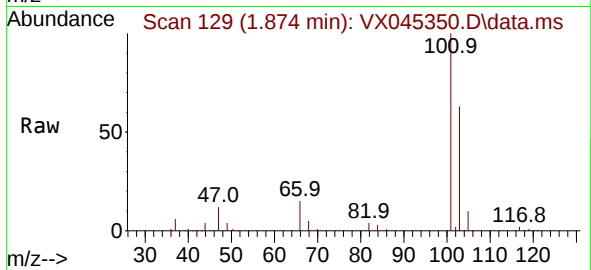
Tgt Ion: 64 Resp: 13543
Ion Ratio Lower Upper
64 100
66 31.4 26.7 40.1





#7
 Trichlorofluoromethane
 Concen: 19.102 ug/l
 RT: 1.874 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX045350.D
 Acq: 20 Mar 2025 10:53

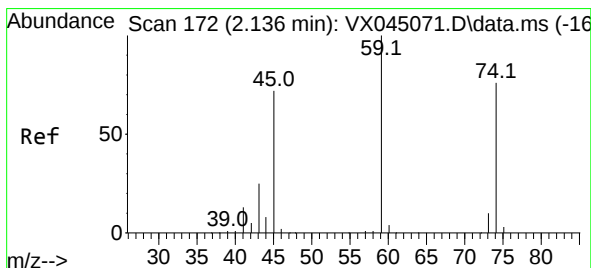
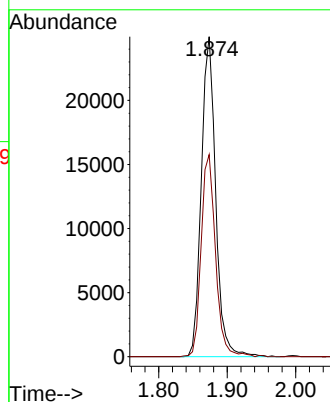
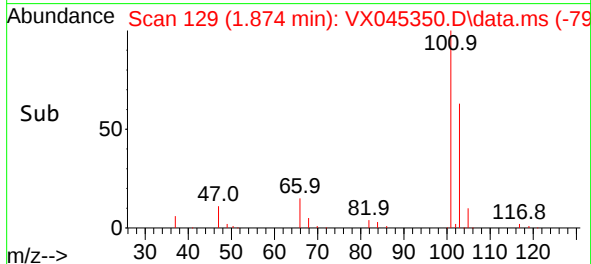
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0320WBS01



Tgt Ion:101 Resp: 36454
 Ion Ratio Lower Upper
 101 100
 103 63.2 52.1 78.1

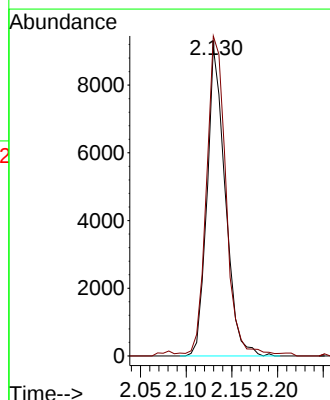
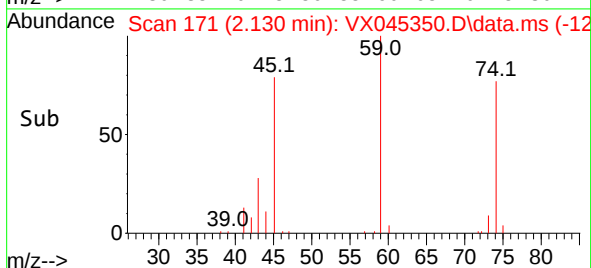
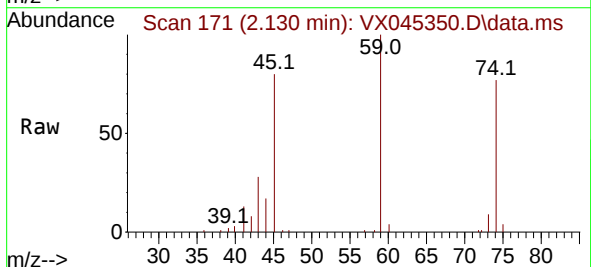
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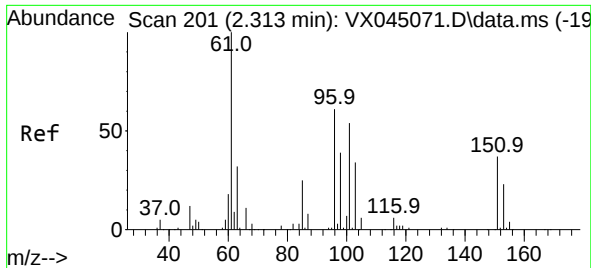
Reviewed By :John Carlone 03/21/2025
 Supervised By :Mahesh Dadoda 03/21/2025



#8
 Diethyl Ether
 Concen: 16.992 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX045350.D
 Acq: 20 Mar 2025 10:53

Tgt Ion: 74 Resp: 12684
 Ion Ratio Lower Upper
 74 100
 45 110.9 51.5 154.5





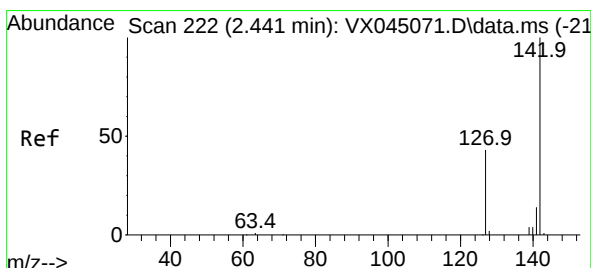
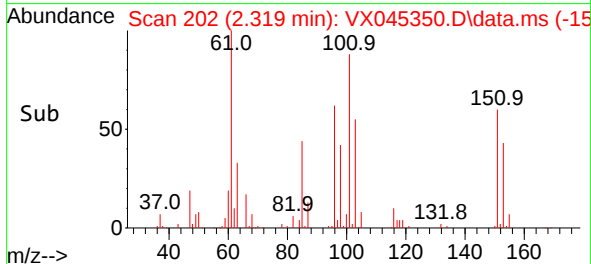
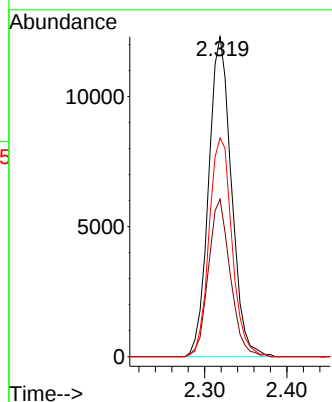
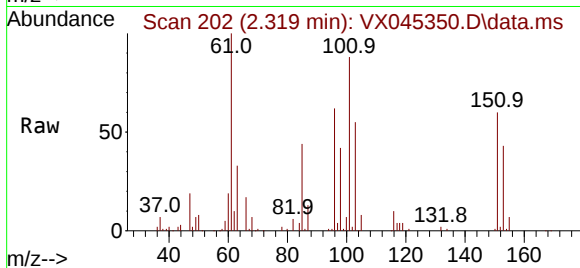
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.591 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS01

Tgt Ion:101 Resp: 2367
Ion Ratio Lower Upper
101 100
85 47.3 36.2 54.4
151 68.8 56.4 84.6

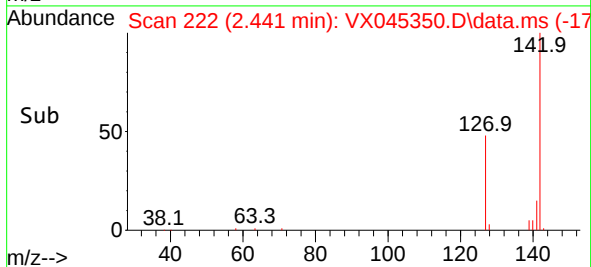
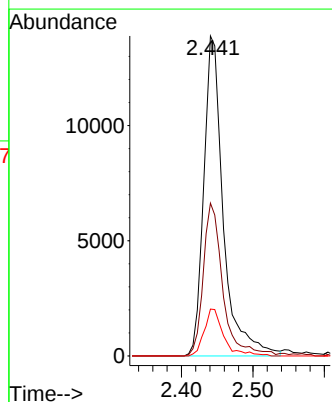
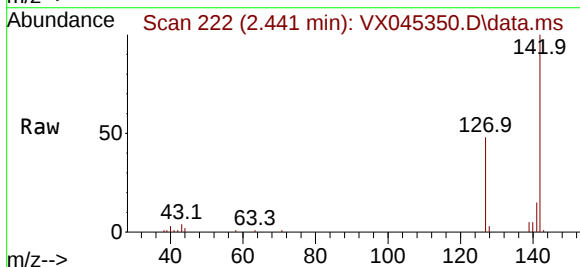
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#10
Methyl Iodide
Concen: 19.277 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

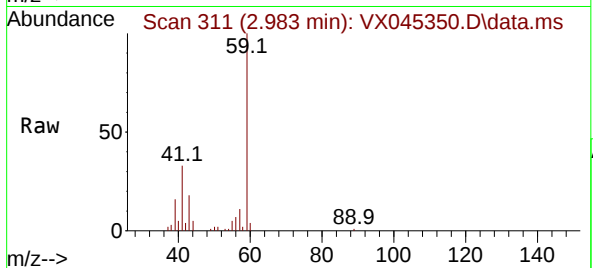
Tgt Ion:142 Resp: 26414
Ion Ratio Lower Upper
142 100
127 48.0 35.4 53.2
141 14.6 11.6 17.4





#11
Tert butyl alcohol
Concen: 82.384 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

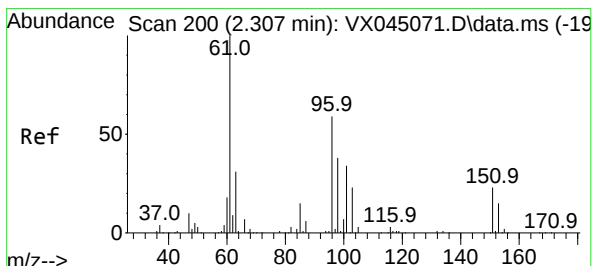
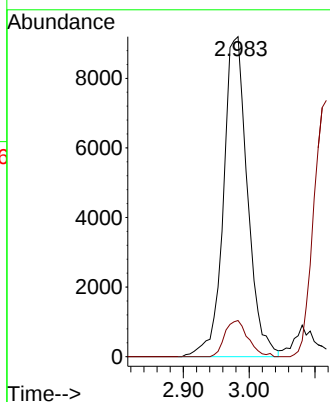
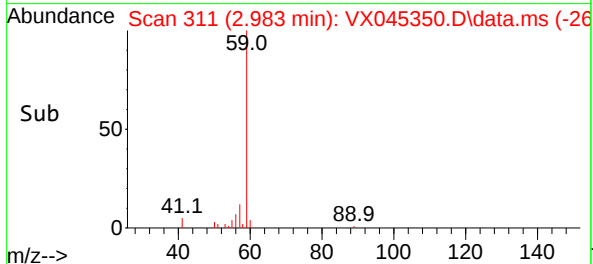
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS01



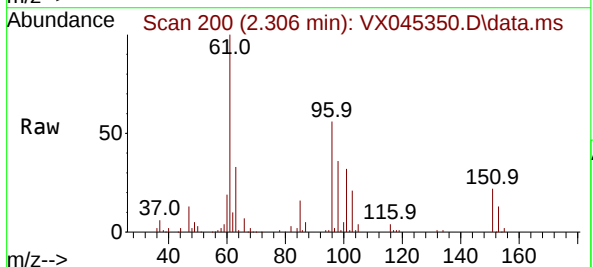
Tgt Ion: 59 Resp: 23410
Ion Ratio Lower Upper
59 100
57 10.9 7.8 11.8

Manual Integrations
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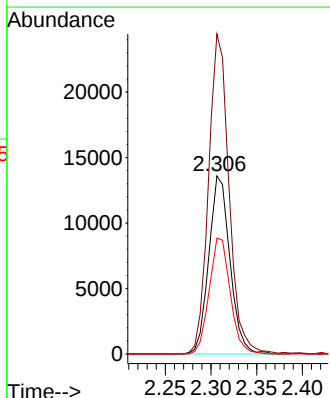
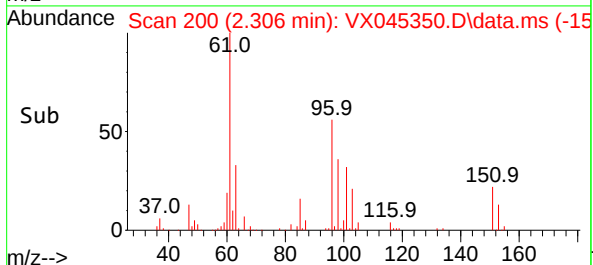
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#12
1,1-Dichloroethene
Concen: 18.826 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53



Tgt Ion: 96 Resp: 21823
Ion Ratio Lower Upper
96 100
61 179.6 134.6 202.0
98 65.0 51.0 76.6





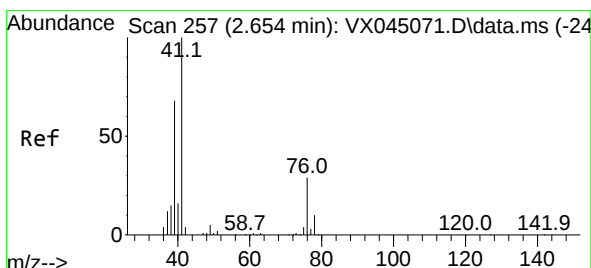
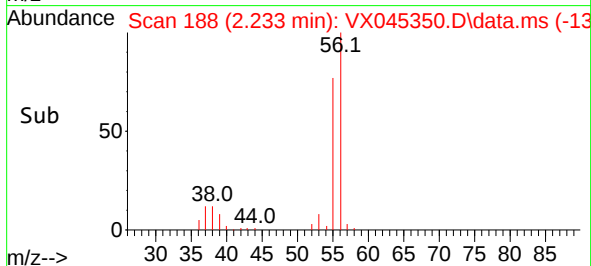
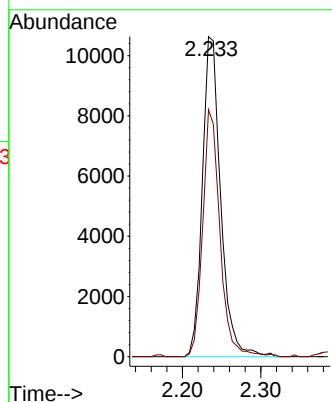
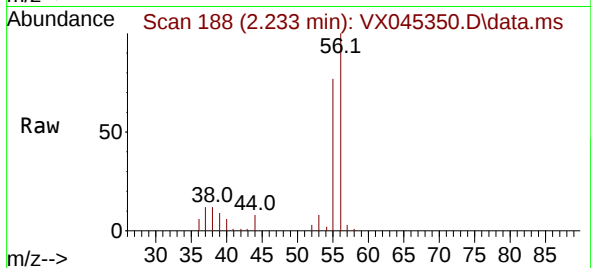
#13
Acrolein
Concen: 52.632 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS01

Tgt Ion: 56 Resp: 1729
Ion Ratio Lower Upper
56 100
55 72.6 56.2 84.4

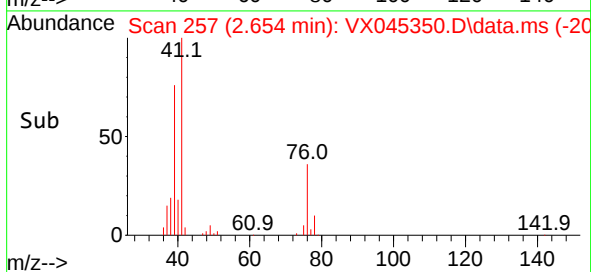
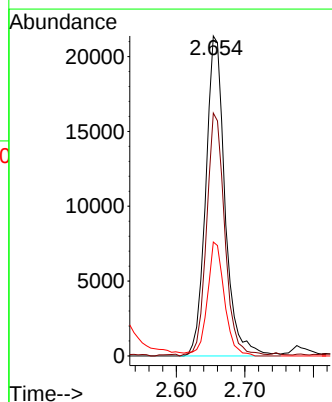
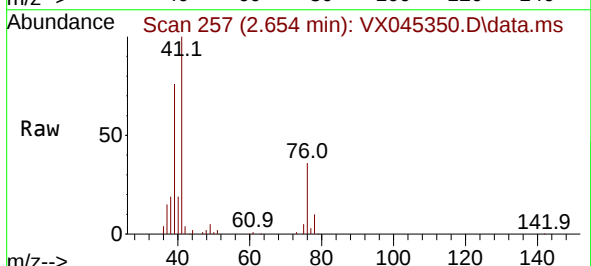
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#14
Allyl chloride
Concen: 20.298 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

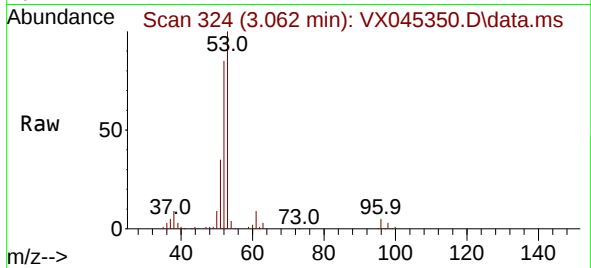
Tgt Ion: 41 Resp: 41884
Ion Ratio Lower Upper
41 100
39 71.6 53.8 80.8
76 31.7 25.2 37.8





#15
Acrylonitrile
Concen: 105.082 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

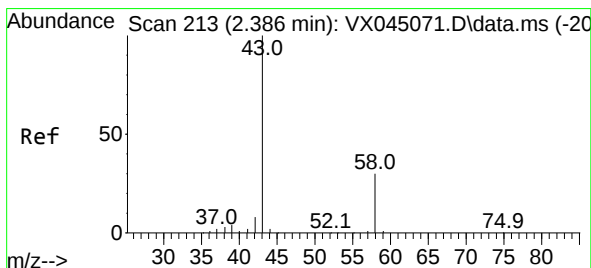
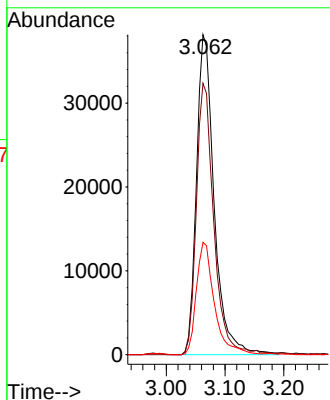
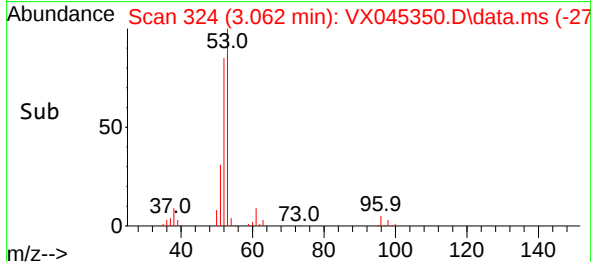
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS01



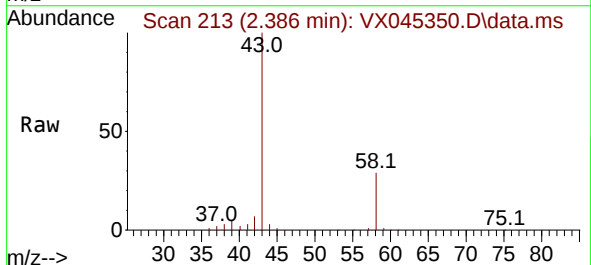
Tgt Ion: 53 Resp: 80049
Ion Ratio Lower Upper
53 100
52 83.6 66.2 99.2
51 35.8 29.0 43.4

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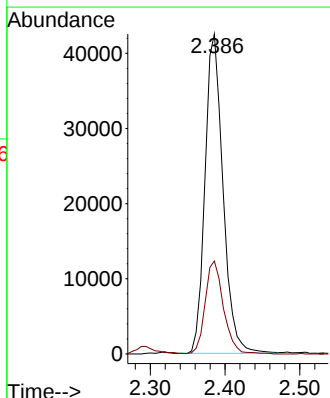
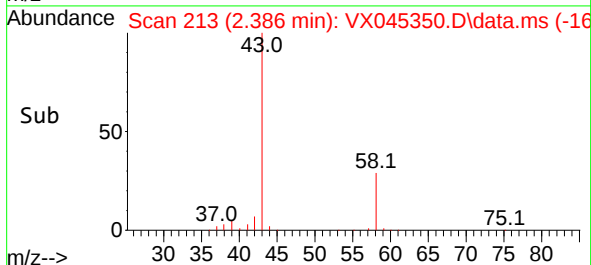
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

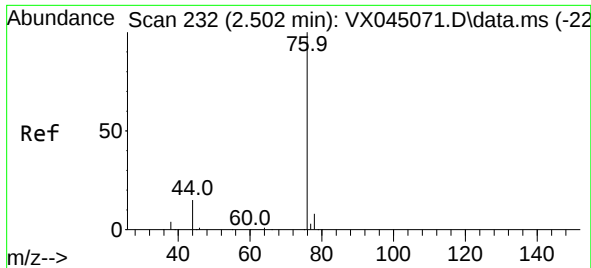


#16
Acetone
Concen: 102.209 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53



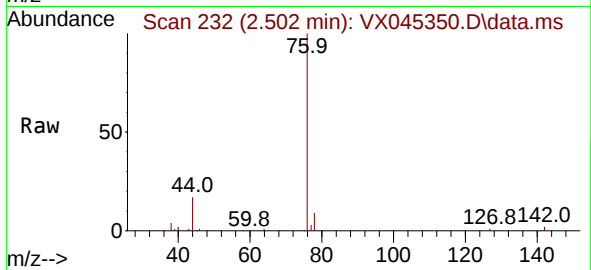
Tgt Ion: 43 Resp: 71160
Ion Ratio Lower Upper
43 100
58 29.1 24.2 36.4





#17
Carbon Disulfide
Concen: 15.169 ug/l
RT: 2.502 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

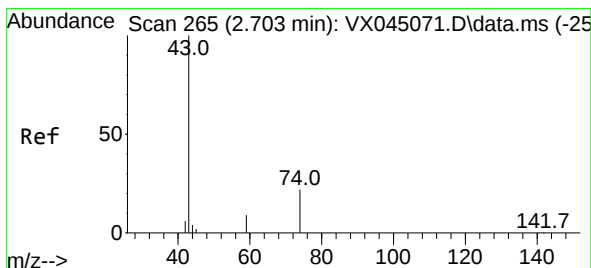
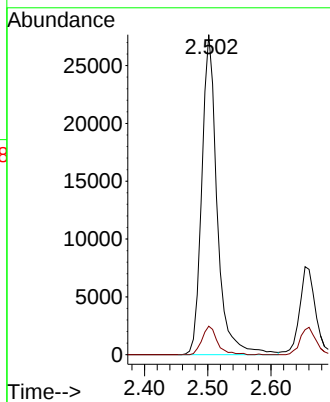
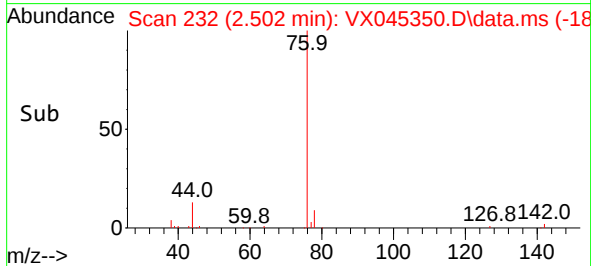
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS01



Tgt Ion: 76 Resp: 46834
Ion Ratio Lower Upper
76 100
78 8.9 6.6 9.8

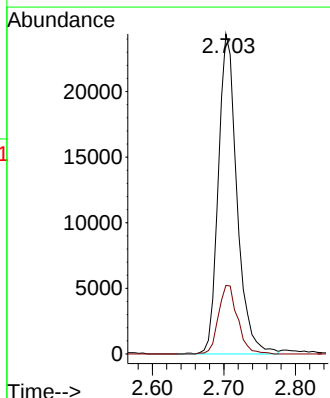
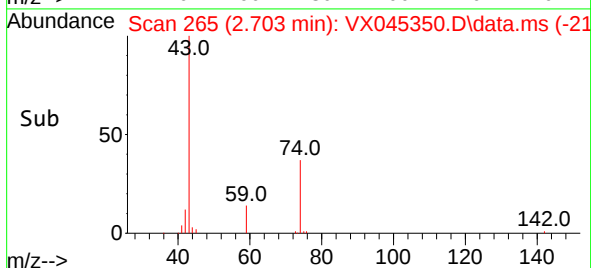
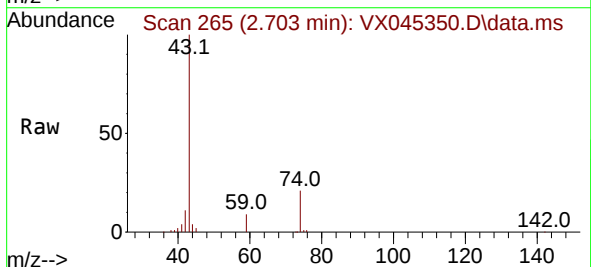
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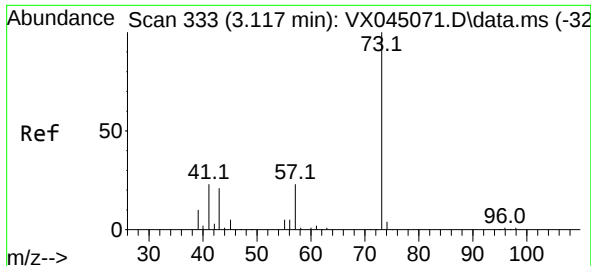
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#18
Methyl Acetate
Concen: 26.343 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

Tgt Ion: 43 Resp: 44122
Ion Ratio Lower Upper
43 100
74 22.0 17.4 26.2





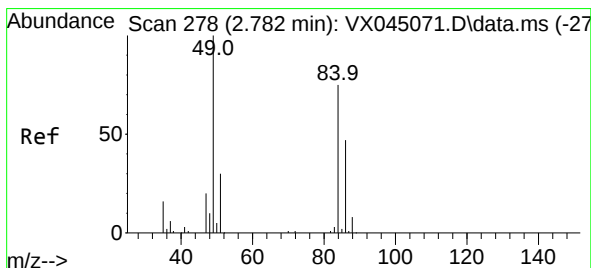
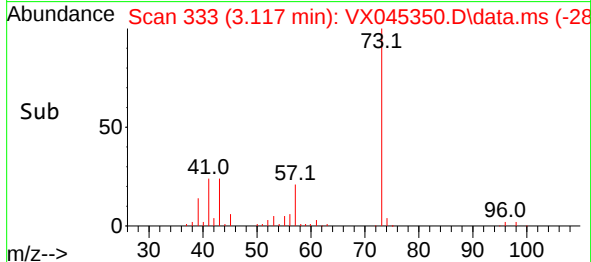
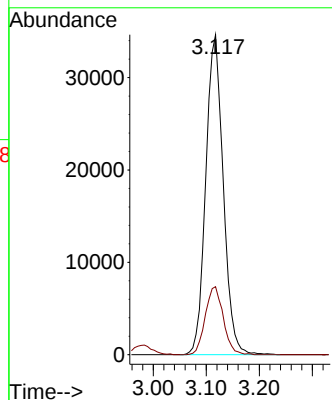
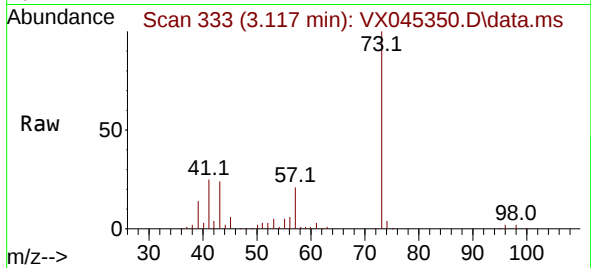
#19
Methyl tert-butyl Ether
Concen: 20.380 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS01

Tgt Ion: 73 Resp: 7926
Ion Ratio Lower Upper
73 100
57 21.3 18.5 27.7

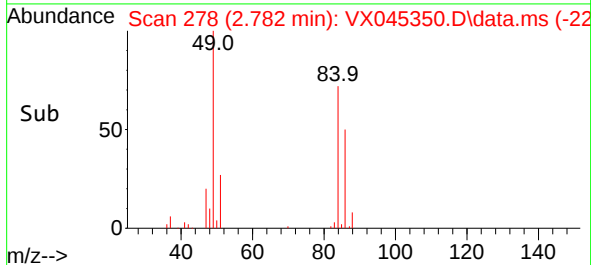
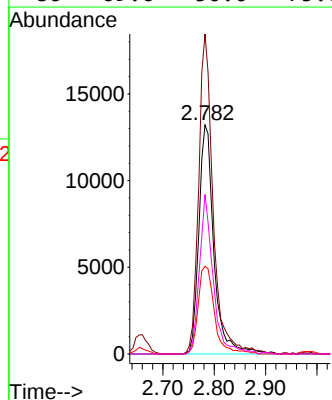
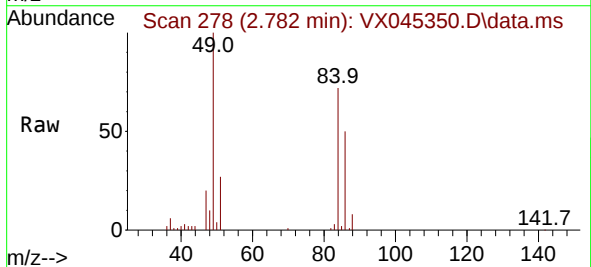
Manual Integrations
APPROVED

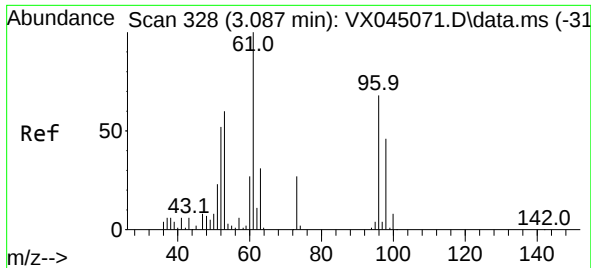
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#20
Methylene Chloride
Concen: 19.552 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

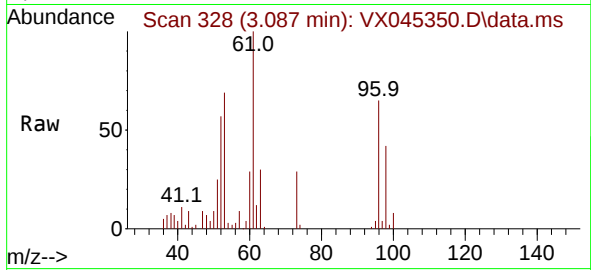
Tgt Ion: 84 Resp: 26965
Ion Ratio Lower Upper
84 100
49 139.7 106.5 159.7
51 38.3 32.1 48.1
86 69.6 50.0 75.0





#21
trans-1,2-Dichloroethene
Concen: 18.976 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

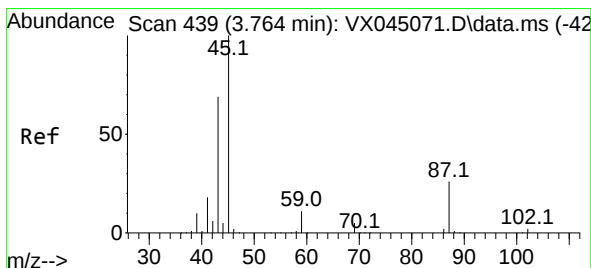
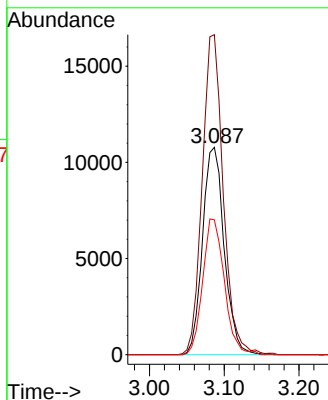
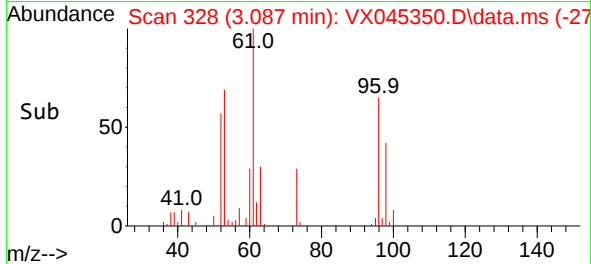
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS01



Tgt Ion: 96 Resp: 2173
Ion Ratio Lower Upper
96 100
61 154.4 117.0 175.4
98 65.0 53.4 80.2

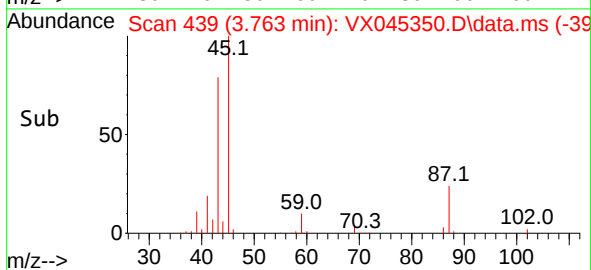
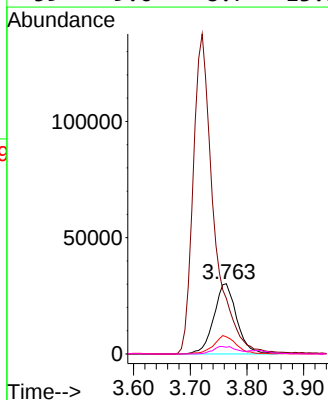
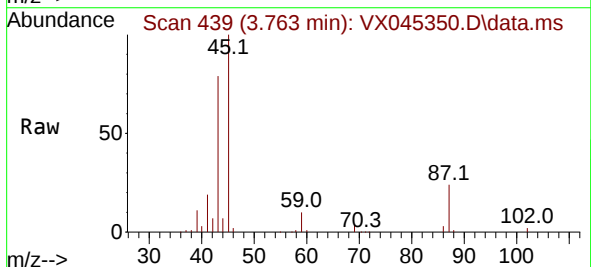
Manual Integrations
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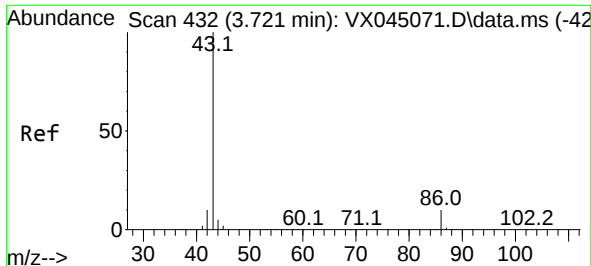
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#22
Diisopropyl ether
Concen: 20.228 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

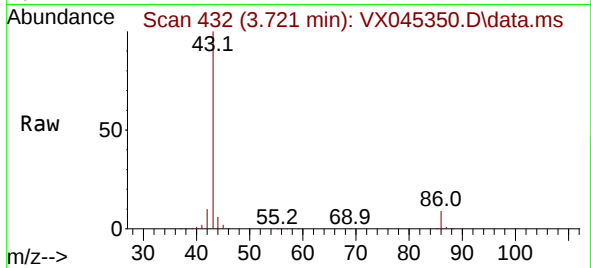
Tgt Ion: 45 Resp: 84886
Ion Ratio Lower Upper
45 100
43 77.8 54.9 82.3
87 24.4 21.0 31.4
59 9.6 8.7 13.1





#23
 Vinyl Acetate
 Concen: 99.810 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX045350.D
 Acq: 20 Mar 2025 10:53

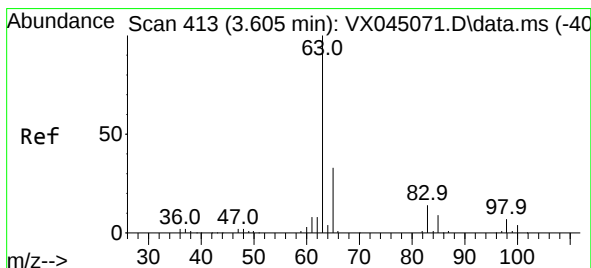
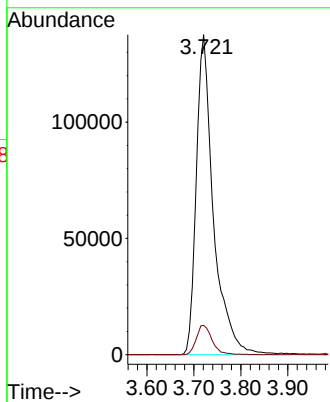
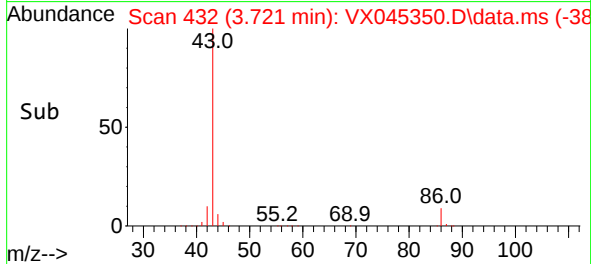
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0320WBS01



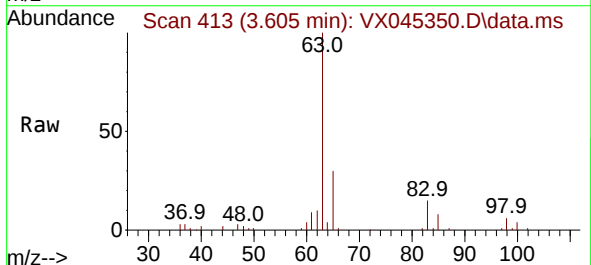
Tgt Ion: 43 Resp: 349530
 Ion Ratio Lower Upper
 43 100
 86 9.2 8.1 12.1

Manual Integrations
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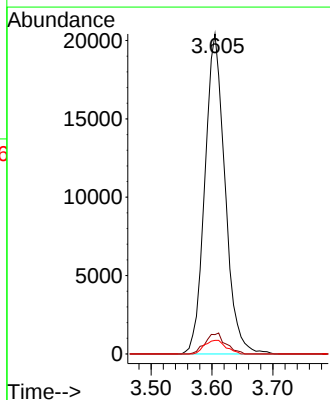
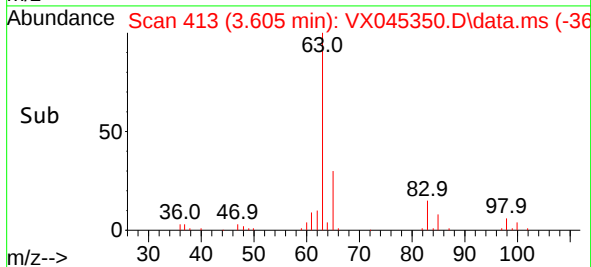
Reviewed By :John Carlone 03/21/2025
 Supervised By :Mahesh Dadoda 03/21/2025



#24
 1,1-Dichloroethane
 Concen: 19.975 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX045350.D
 Acq: 20 Mar 2025 10:53



Tgt Ion: 63 Resp: 46978
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.4 10.2
 100 4.3 2.1 6.5





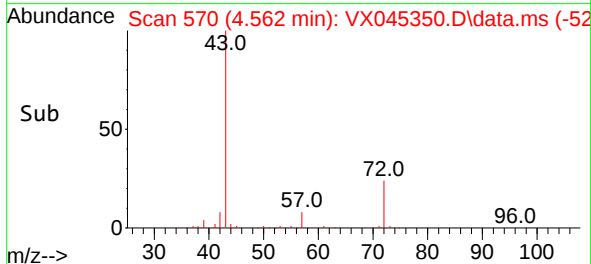
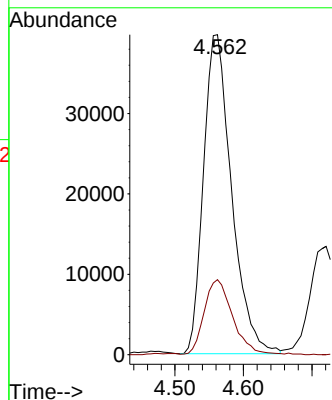
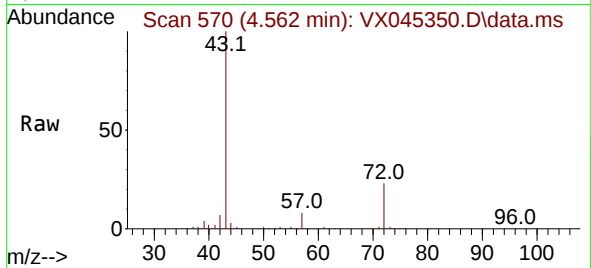
#25
2-Butanone
Concen: 108.061 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS01

Tgt Ion: 43 Resp: 113240
Ion Ratio Lower Upper
43 100
72 23.4 20.0 30.0

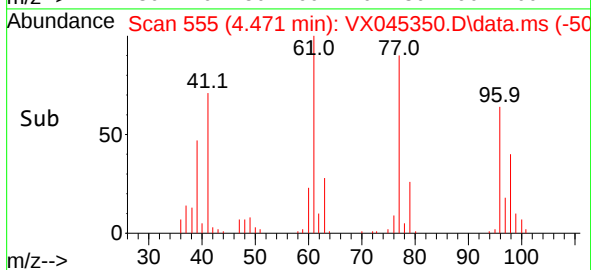
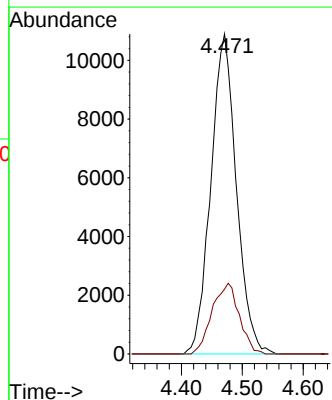
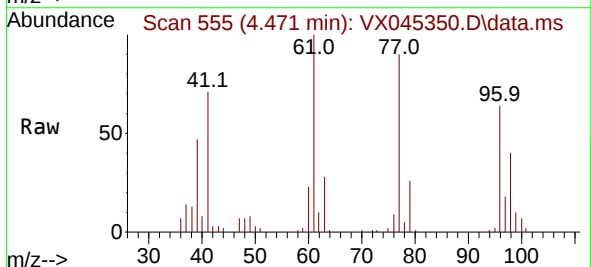
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#26
2,2-Dichloropropane
Concen: 28.775 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

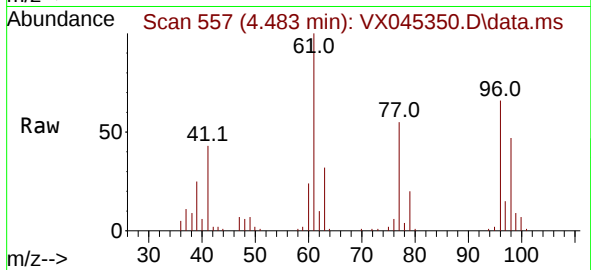
Tgt Ion: 77 Resp: 31743
Ion Ratio Lower Upper
77 100
97 23.5 12.4 37.0





#27
 cis-1,2-Dichloroethene
 Concen: 19.836 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX045350.D
 Acq: 20 Mar 2025 10:53

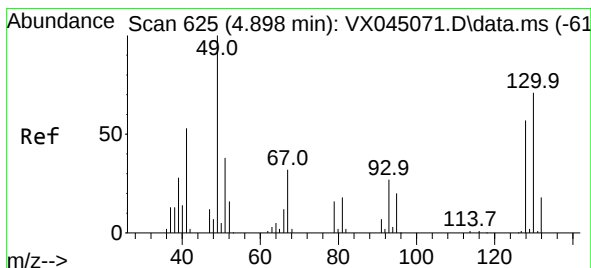
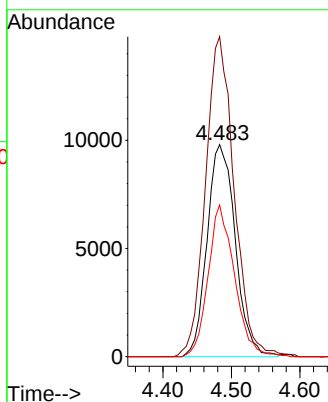
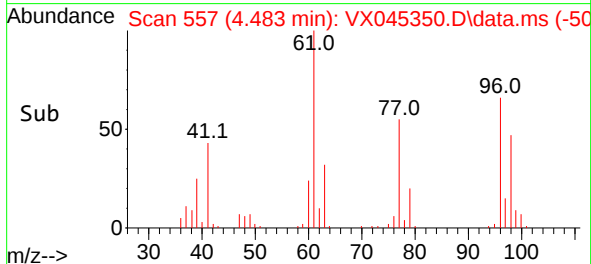
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0320WBS01



Tgt Ion: 96 Resp: 2804
 Ion Ratio Lower Upper
 96 100
 61 153.4 0.0 283.2
 98 66.8 0.0 128.0

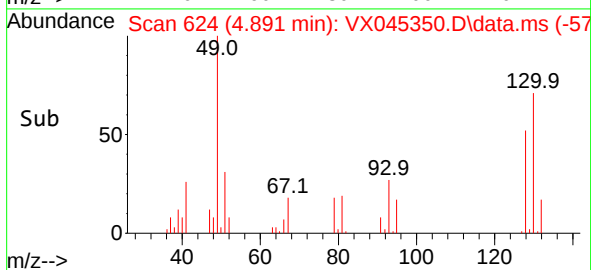
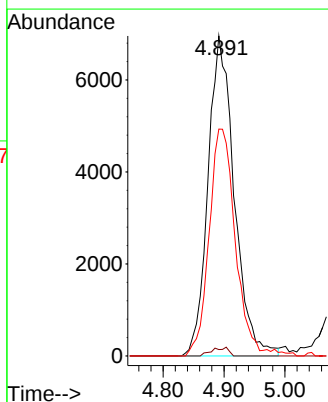
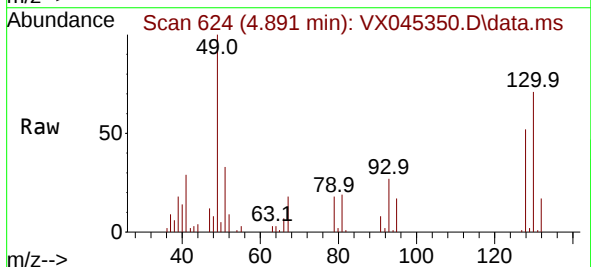
Manual Integrations
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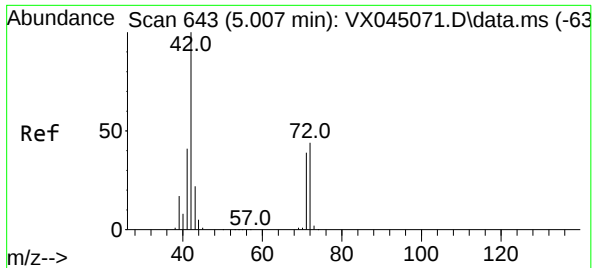
Reviewed By :John Carlone 03/21/2025
 Supervised By :Mahesh Dadoda 03/21/2025



#28
 Bromochloromethane
 Concen: 18.577 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX045350.D
 Acq: 20 Mar 2025 10:53

Tgt Ion: 49 Resp: 20825
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.4
 130 70.1 56.1 84.1





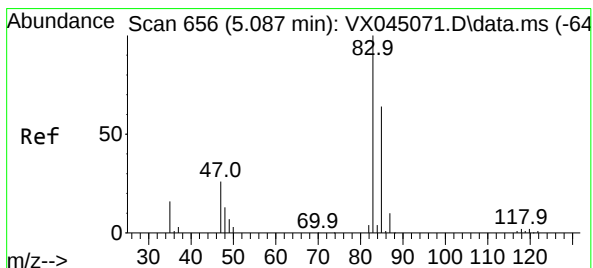
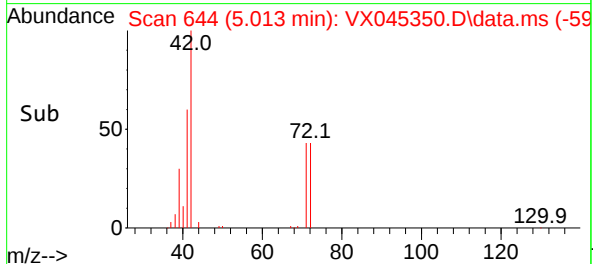
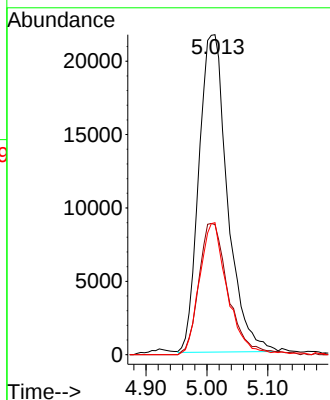
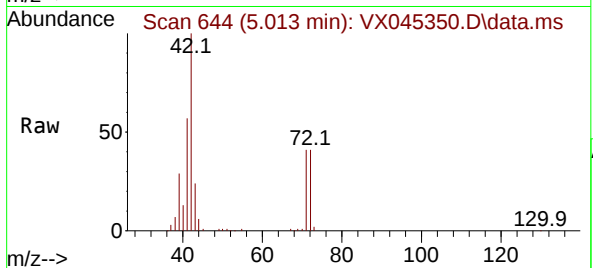
#29
Tetrahydrofuran
Concen: 100.410 ug/l
RT: 5.013 min Scan# 643
Delta R.T. 0.006 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS01

Tgt Ion: 42 Resp: 70660
Ion Ratio Lower Upper
42 100
72 42.8 34.1 51.1
71 40.2 31.4 47.0

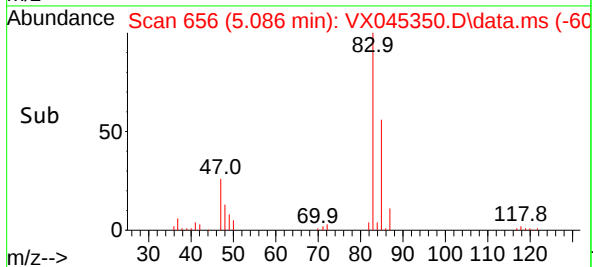
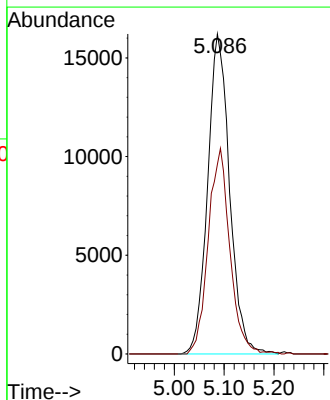
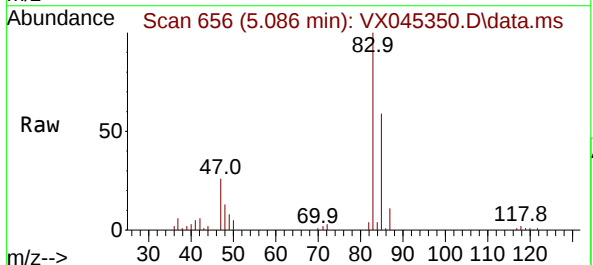
Manual Integrations
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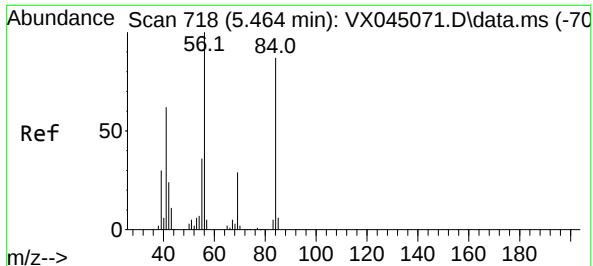
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#30
Chloroform
Concen: 21.241 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

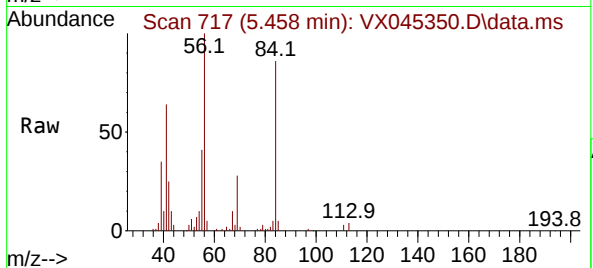
Tgt Ion: 83 Resp: 49636
Ion Ratio Lower Upper
83 100
85 59.2 51.4 77.2





#31
Cyclohexane
Concen: 18.719 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

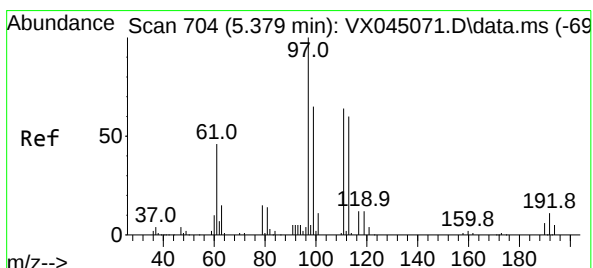
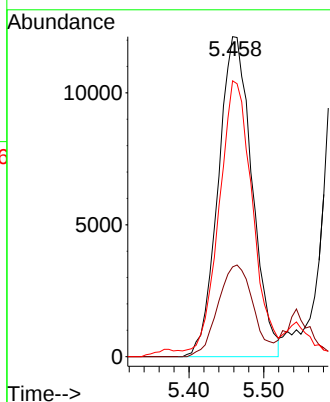
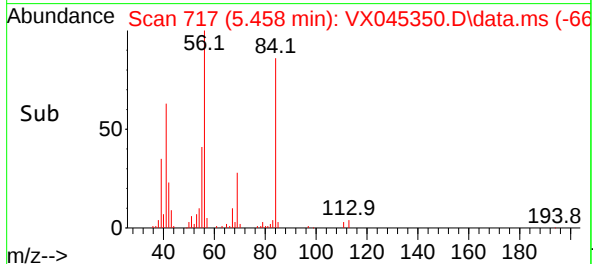
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS01



Tgt Ion: 56 Resp: 38210
Ion Ratio Lower Upper
56 100
69 28.1 23.4 35.2
84 84.2 69.4 104.2

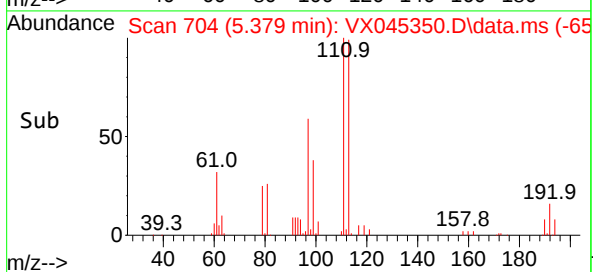
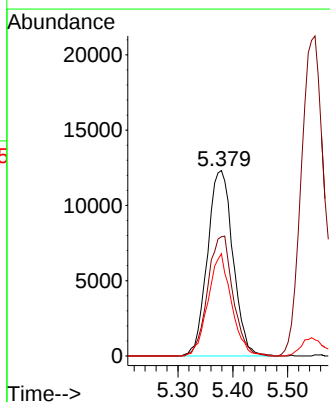
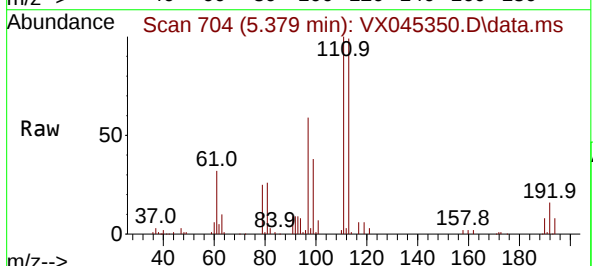
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#32
1,1,1-Trichloroethane
Concen: 21.056 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

Tgt Ion: 97 Resp: 39741
Ion Ratio Lower Upper
97 100
99 64.1 51.6 77.4
61 50.7 38.4 57.6





#33

1,2-Dichloroethane-d4

Concen: 56.529 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045350.D

Acq: 20 Mar 2025 10:53

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBS01

Tgt Ion: 65 Resp: 84820

Ion Ratio Lower Upper

65 100

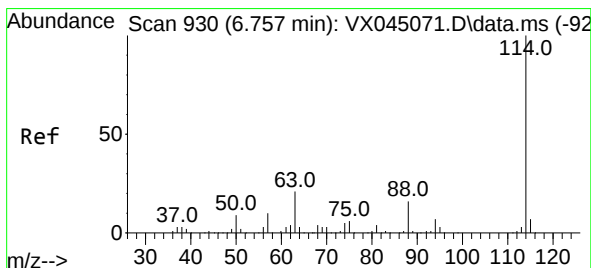
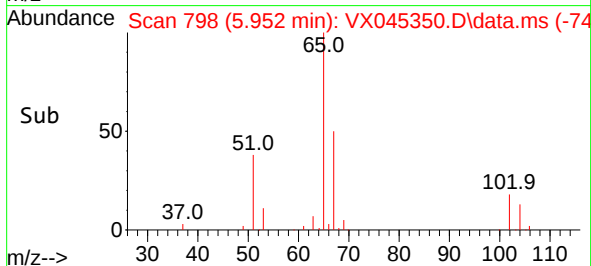
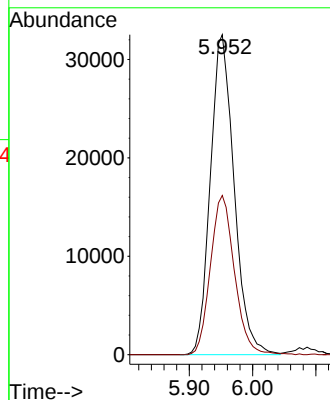
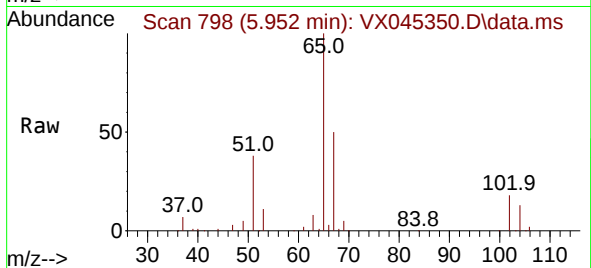
67 50.4 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045350.D

Acq: 20 Mar 2025 10:53

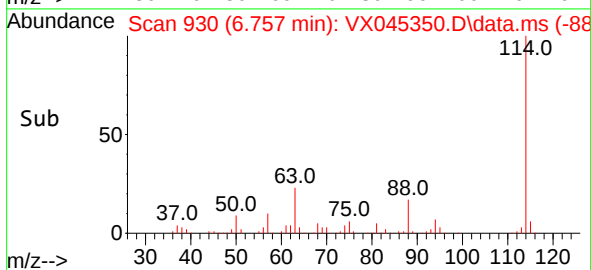
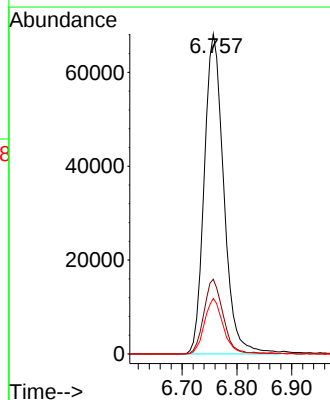
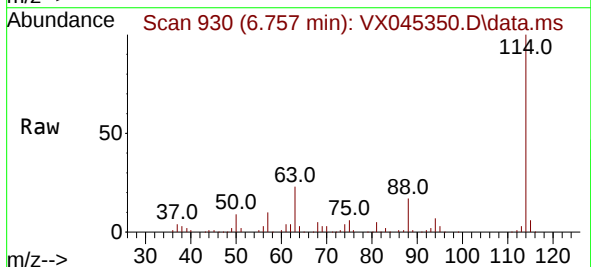
Tgt Ion:114 Resp: 168482

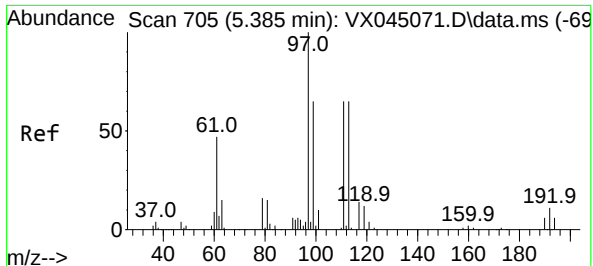
Ion Ratio Lower Upper

114 100

63 23.4 0.0 41.8

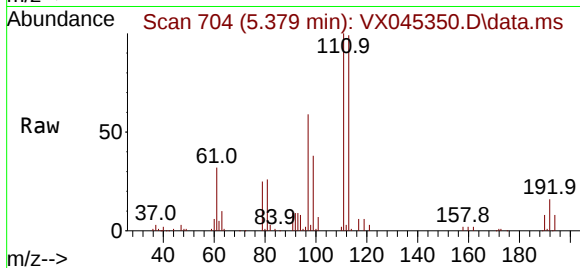
88 17.3 0.0 32.8





#35
Dibromofluoromethane
Concen: 54.756 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

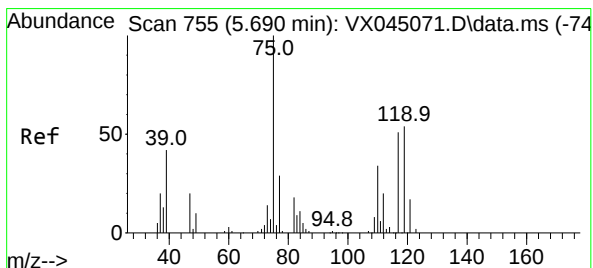
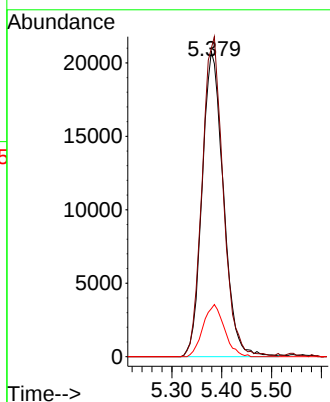
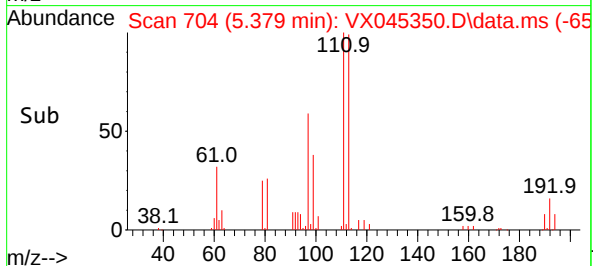
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS01



Tgt Ion: 113 Resp: 61688
Ion Ratio Lower Upper
113 100
111 103.3 81.8 122.6
192 17.1 14.3 21.5

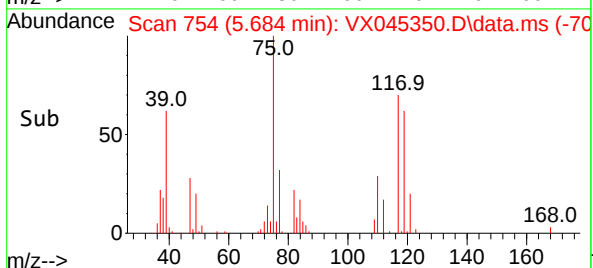
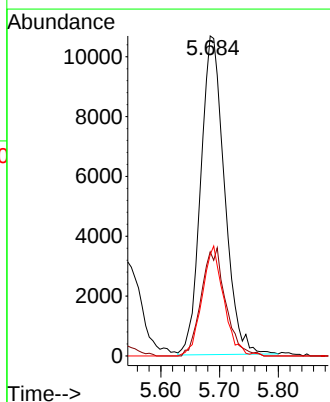
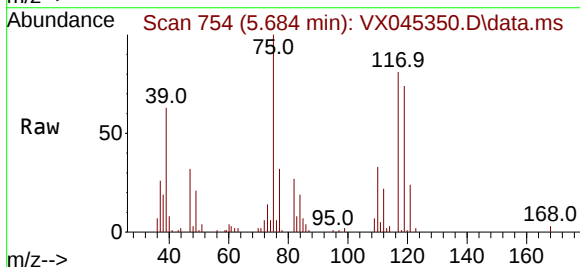
Manual Integrations
APPROVED

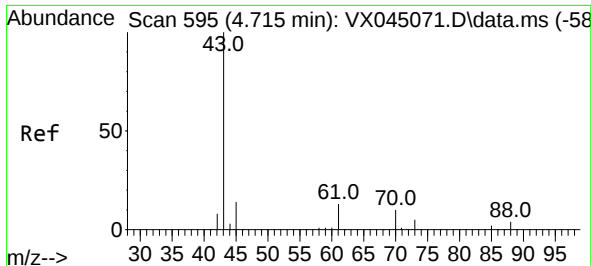
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#36
1,1-Dichloropropene
Concen: 19.369 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

Tgt Ion: 75 Resp: 29925
Ion Ratio Lower Upper
75 100
110 34.6 16.9 50.6
77 31.4 24.5 36.7





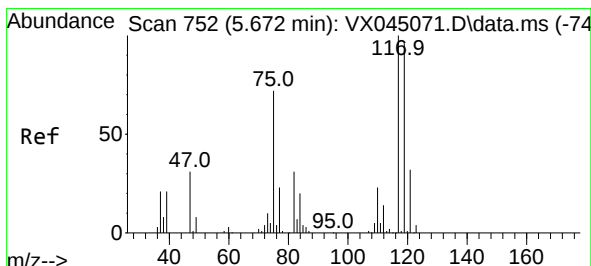
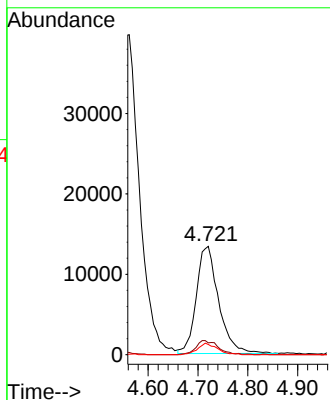
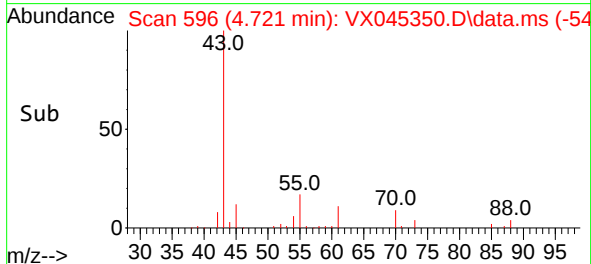
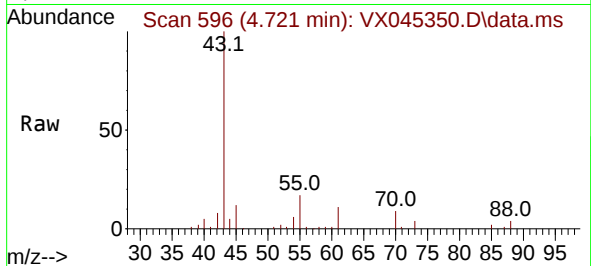
#37
Ethyl Acetate
Concen: 20.774 ug/l
RT: 4.721 min Scan# 595
Delta R.T. 0.006 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS01

Tgt Ion: 43 Resp: 4135
Ion Ratio Lower Upper
43 100
61 13.3 10.8 16.2
70 9.4 7.7 11.5

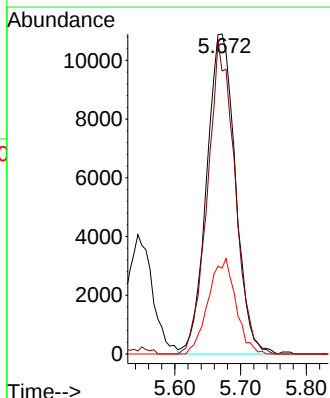
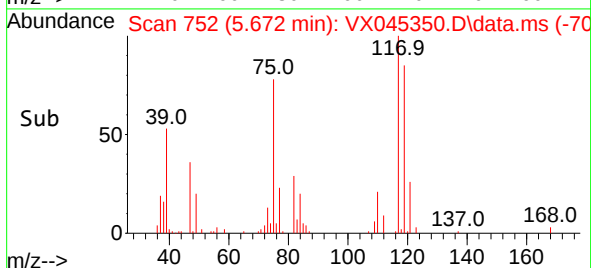
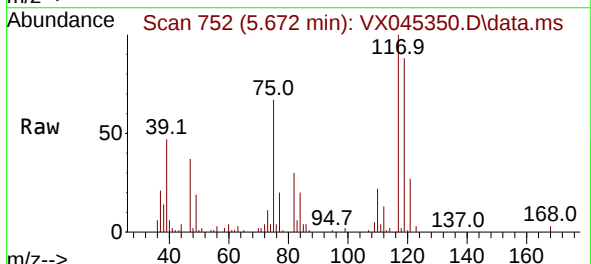
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#38
Carbon Tetrachloride
Concen: 21.134 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

Tgt Ion:117 Resp: 33150
Ion Ratio Lower Upper
117 100
119 88.5 76.7 115.1
121 26.9 25.5 38.3





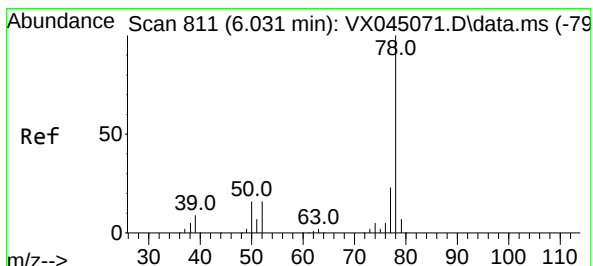
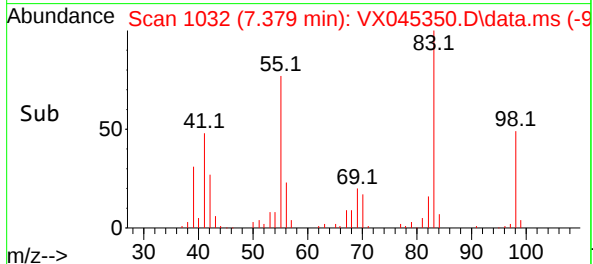
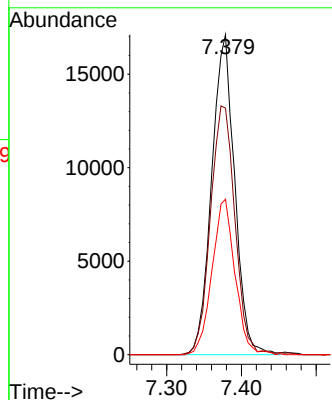
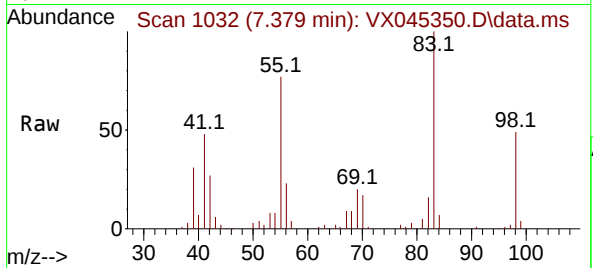
#39
Methylcyclohexane
Concen: 19.747 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS01

Tgt Ion: 83 Resp: 36558
Ion Ratio Lower Upper
83 100
55 77.1 63.0 94.4
98 48.6 39.7 59.5

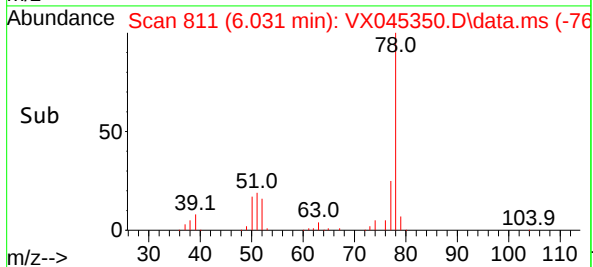
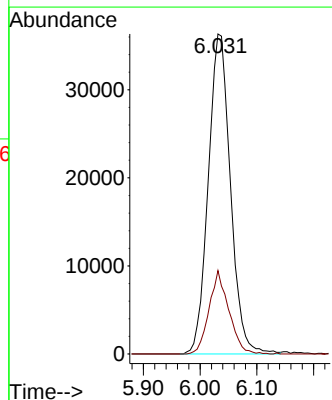
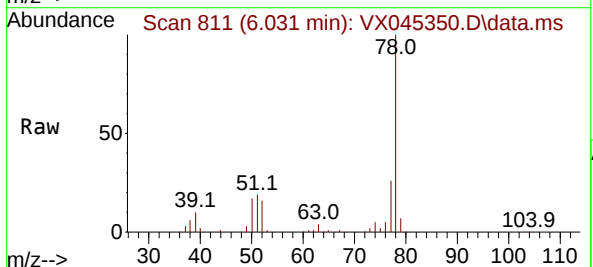
Manual Integrations
APPROVED

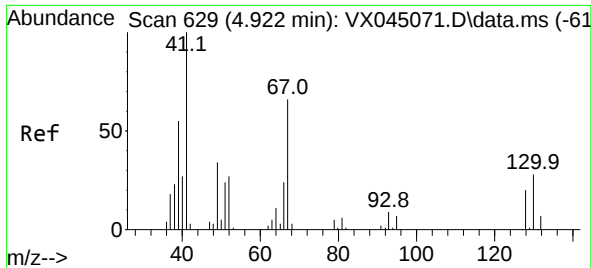
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#40
Benzene
Concen: 20.229 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

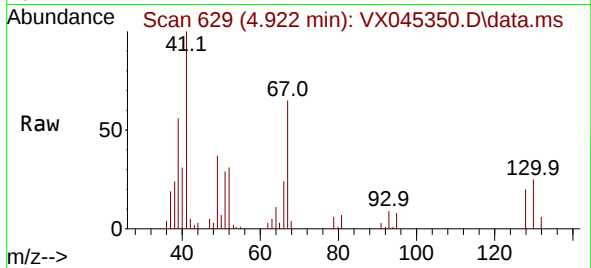
Tgt Ion: 78 Resp: 98693
Ion Ratio Lower Upper
78 100
77 26.1 18.8 28.2





#41
Methacrylonitrile
Concen: 21.777 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

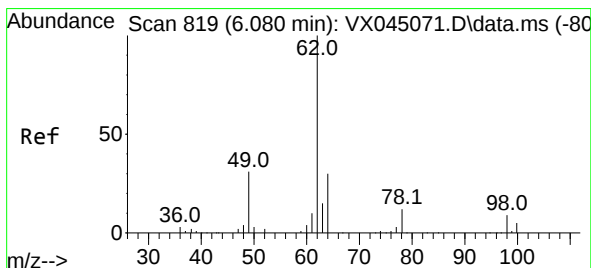
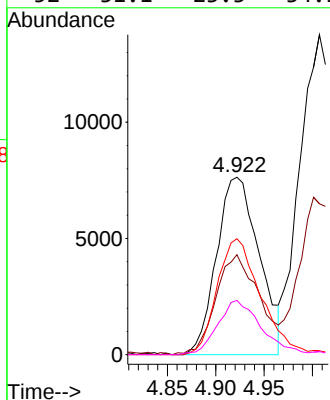
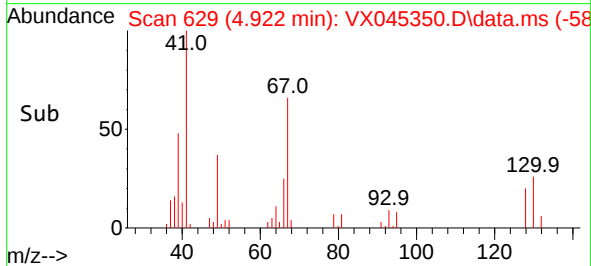
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS01



Tgt Ion: 41	Resp: 2344
Ion Ratio	Lower Upper
41 100	
39 57.3	44.6 67.0
67 67.1	53.9 80.9
52 31.1	23.3 34.9

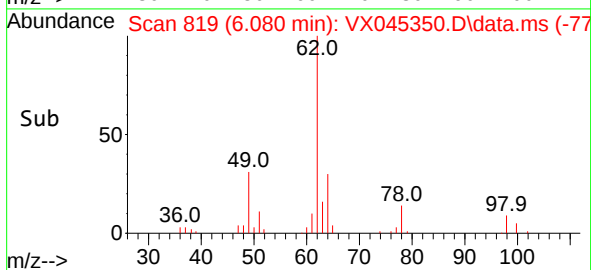
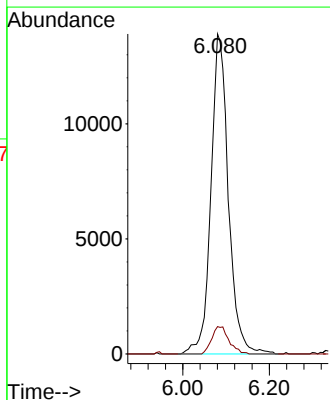
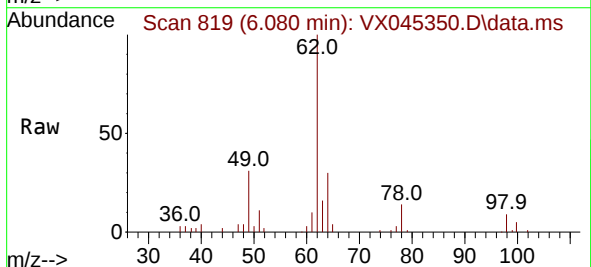
Manual Integrations
APPROVED

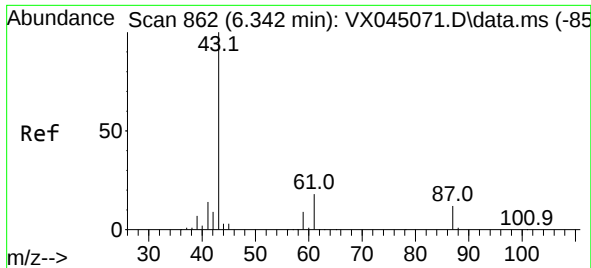
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#42
1,2-Dichloroethane
Concen: 22.168 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

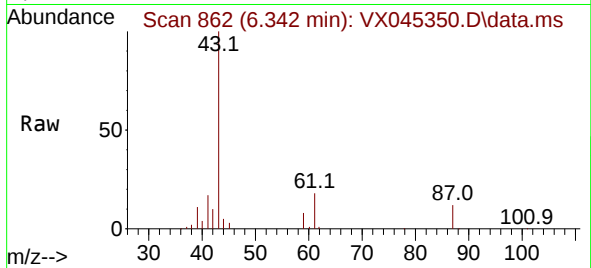
Tgt Ion: 62	Resp: 38946
Ion Ratio	Lower Upper
62 100	
98 8.4	0.0 18.2





#43
Isopropyl Acetate
Concen: 21.091 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

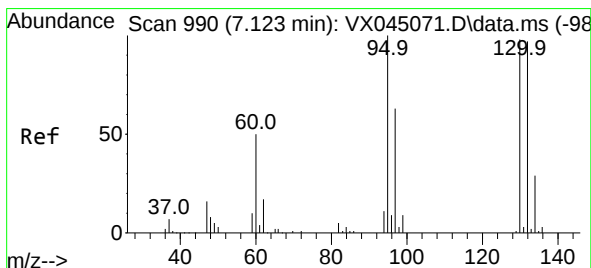
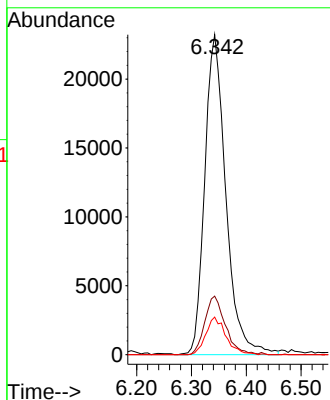
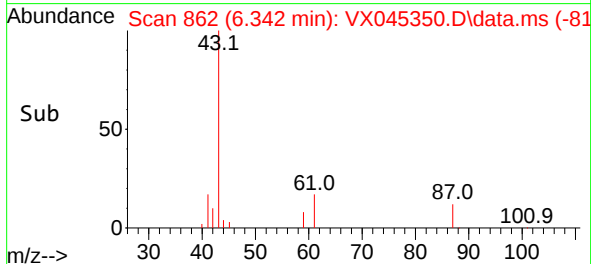
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS01



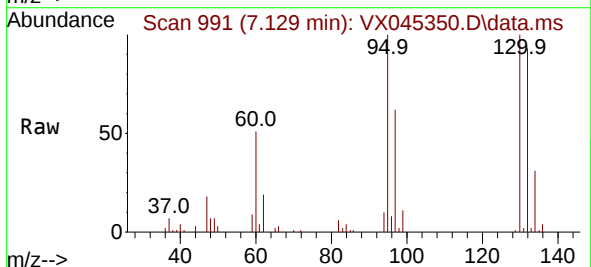
Tgt Ion: 43 Resp: 62089
Ion Ratio Lower Upper
43 100
61 17.8 14.9 22.3
87 11.2 9.4 14.2

Manual Integrations
APPROVED

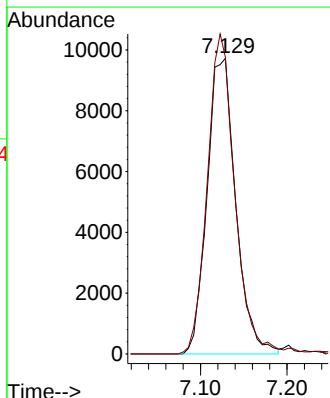
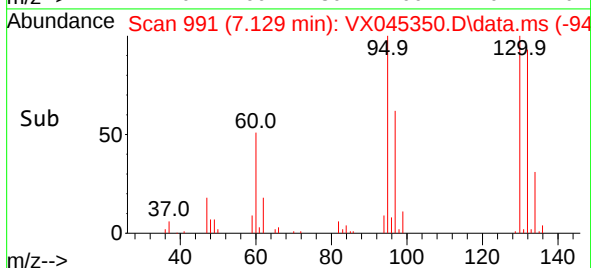
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

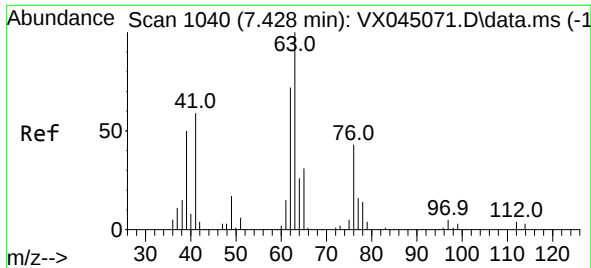


#44
Trichloroethene
Concen: 19.539 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53



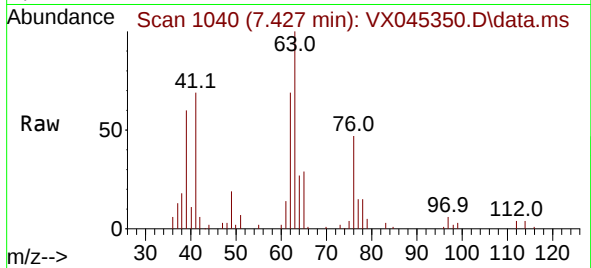
Tgt Ion:130 Resp: 22383
Ion Ratio Lower Upper
130 100
95 100.3 0.0 205.0





#45
1,2-Dichloropropane
Concen: 20.556 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

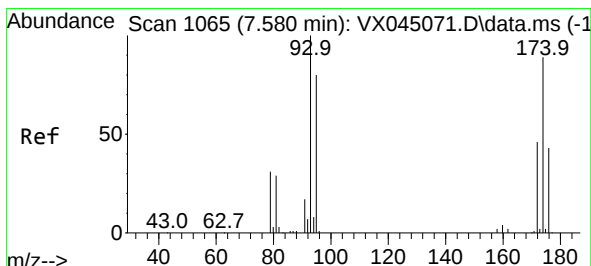
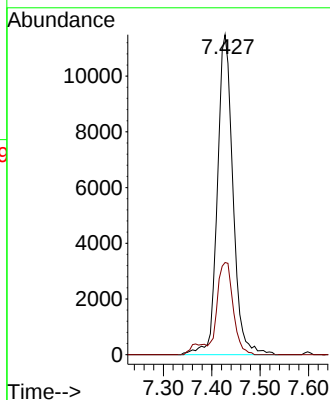
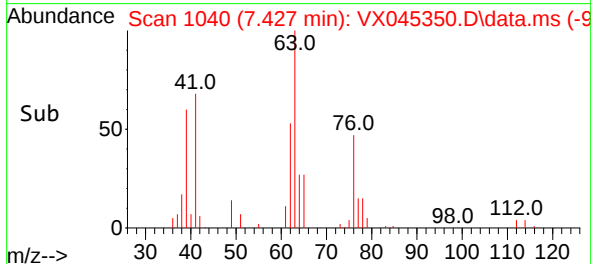
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS01



Tgt Ion: 63 Resp: 2578
Ion Ratio Lower Upper
63 100
65 28.8 24.7 37.1

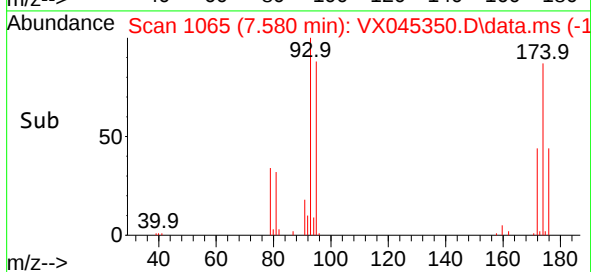
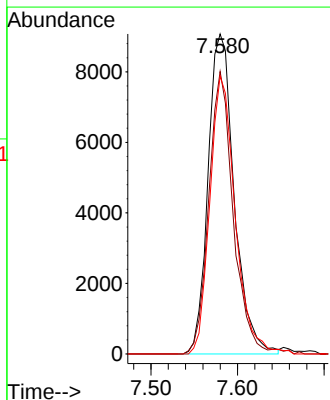
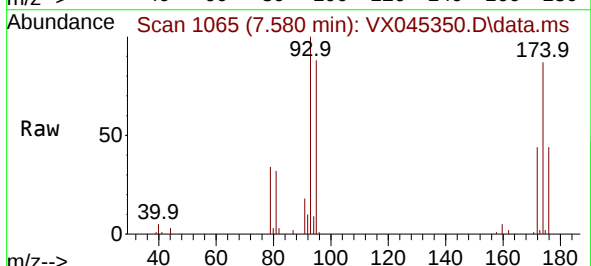
Manual Integrations
APPROVED

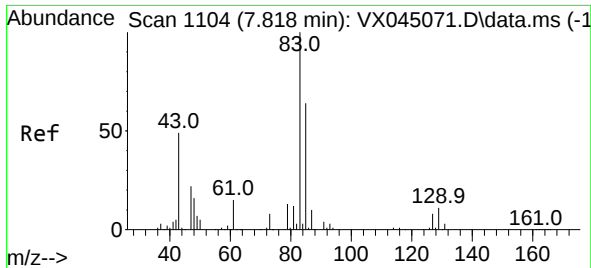
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#46
Dibromomethane
Concen: 21.446 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

Tgt Ion: 93 Resp: 19014
Ion Ratio Lower Upper
93 100
95 82.9 65.8 98.8
174 84.3 72.2 108.2





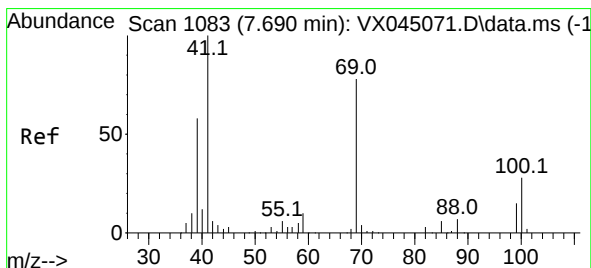
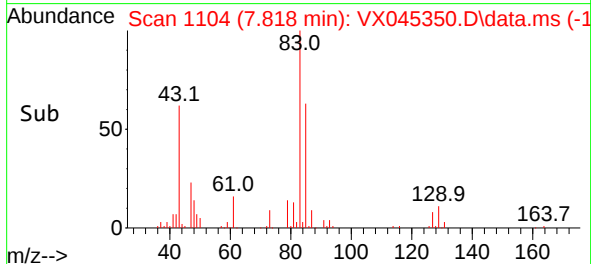
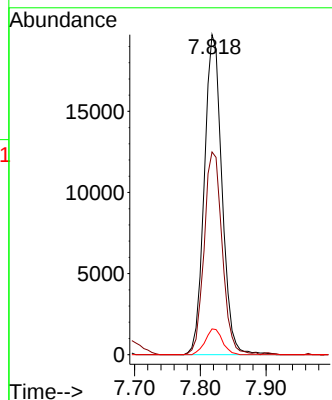
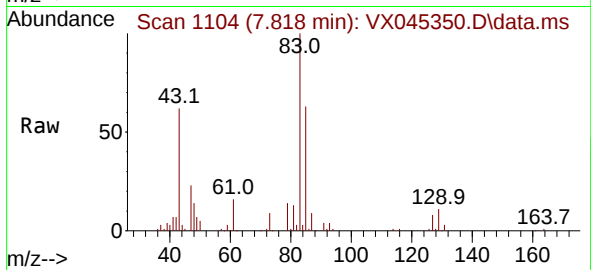
#47
Bromodichloromethane
Concen: 21.200 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS01

Tgt Ion: 83 Resp: 3686
Ion Ratio Lower Upper
83 100
85 63.4 51.1 76.7
127 8.1 6.4 9.6

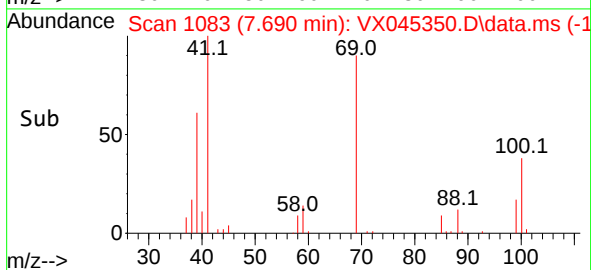
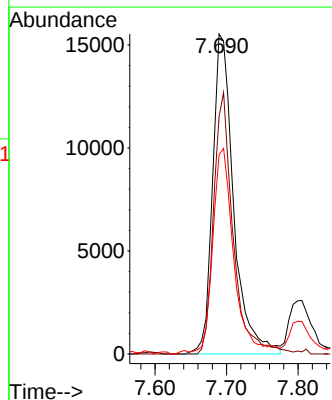
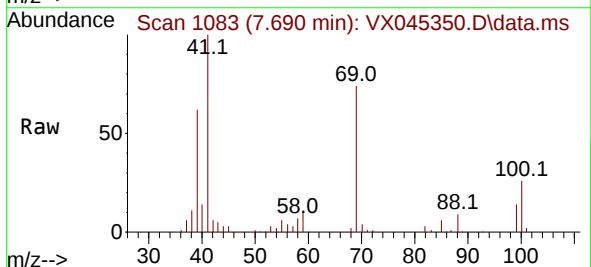
Manual Integrations
APPROVED

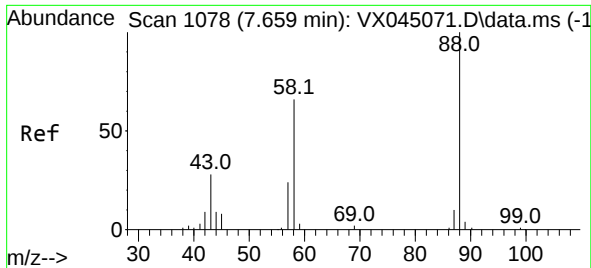
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#48
Methyl methacrylate
Concen: 21.528 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

Tgt Ion: 41 Resp: 31795
Ion Ratio Lower Upper
41 100
69 75.2 63.0 94.6
39 62.4 47.5 71.3





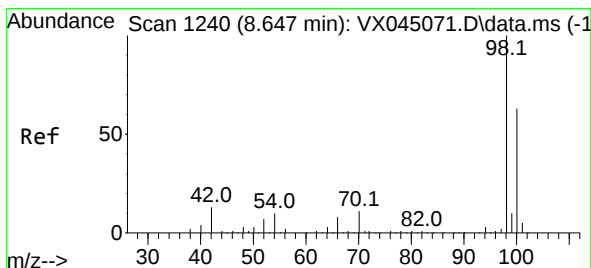
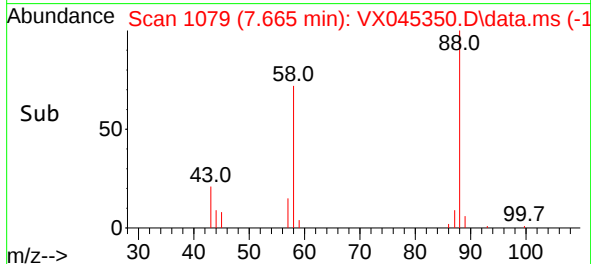
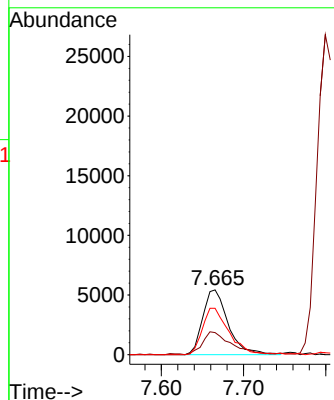
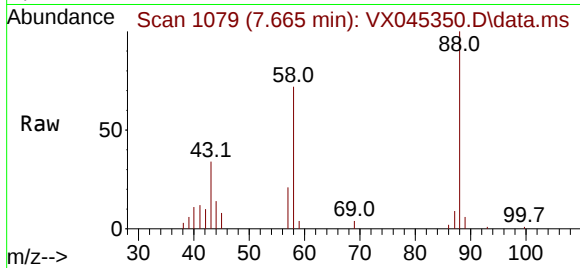
#49
1,4-Dioxane
Concen: 373.915 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS01

Tgt Ion: 88 Resp: 11649
Ion Ratio Lower Upper
88 100
43 39.5 28.7 43.1
58 75.6 55.8 83.8

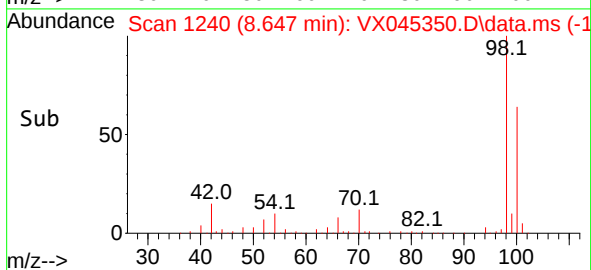
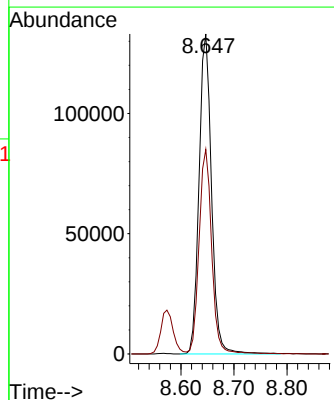
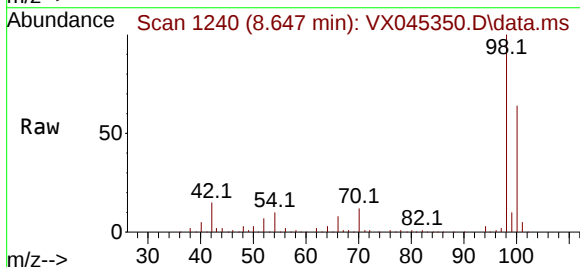
Manual Integrations
APPROVED

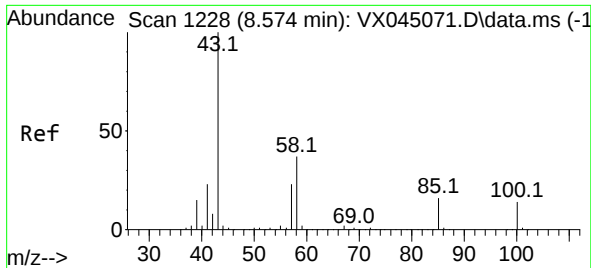
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#50
Toluene-d8
Concen: 53.265 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

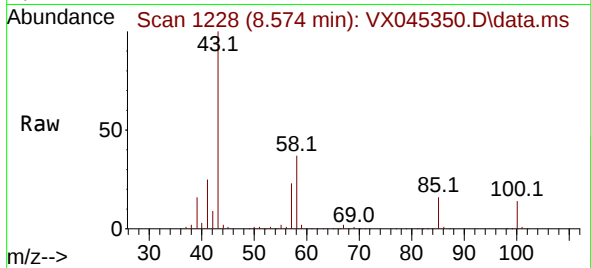
Tgt Ion: 98 Resp: 217551
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 112.487 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

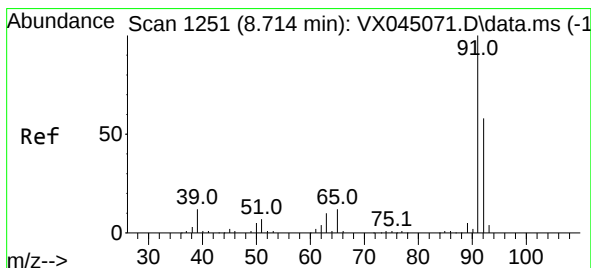
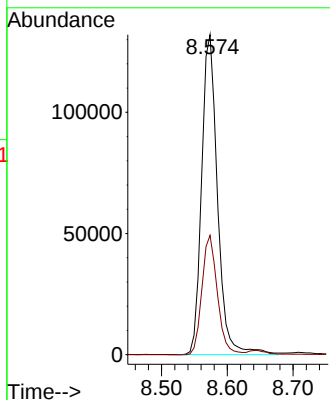
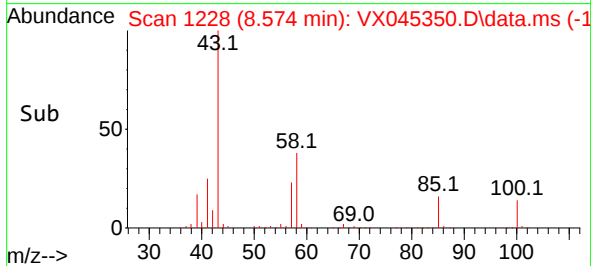
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS01



Tgt Ion: 43 Resp: 222348
Ion Ratio Lower Upper
43 100
58 36.1 29.2 43.8

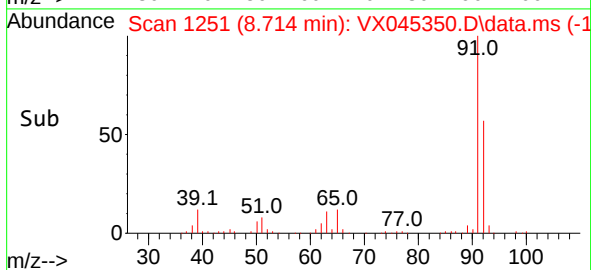
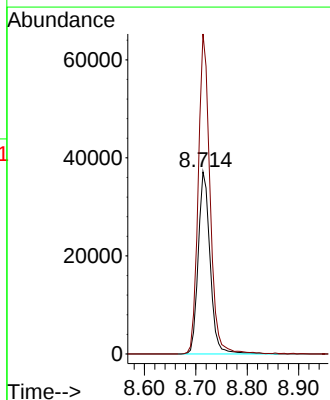
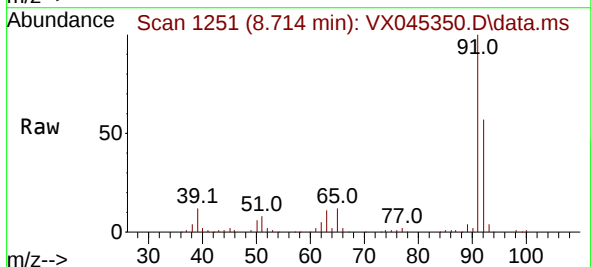
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#52
Toluene
Concen: 20.888 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

Tgt Ion: 92 Resp: 59792
Ion Ratio Lower Upper
92 100
91 173.6 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 20.856 ug/l

RT: 8.976 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045350.D

Acq: 20 Mar 2025 10:53

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBS01

Tgt Ion: 75 Resp: 3032

Ion Ratio Lower Upper

75 100

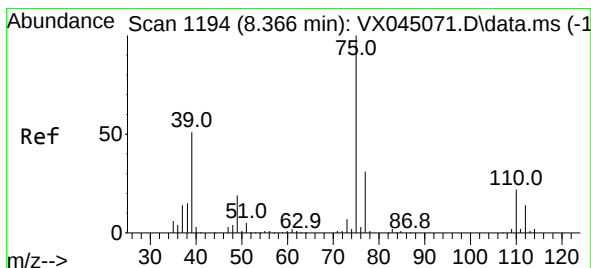
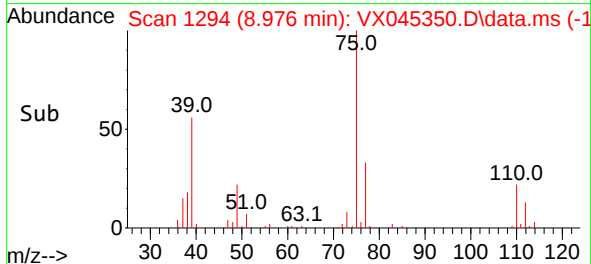
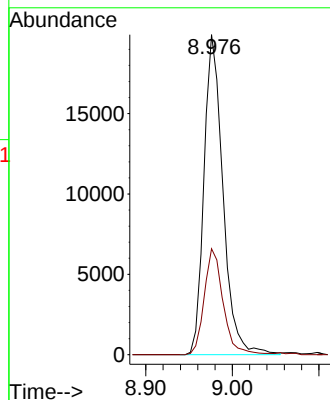
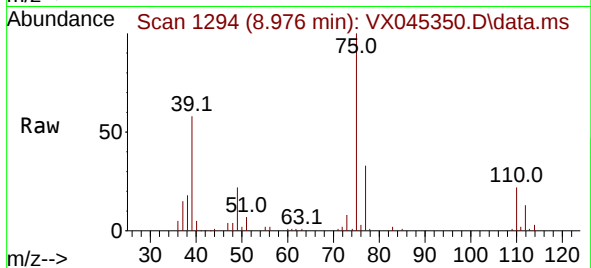
77 33.1 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#54

cis-1,3-Dichloropropene

Concen: 21.244 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX045350.D

Acq: 20 Mar 2025 10:53

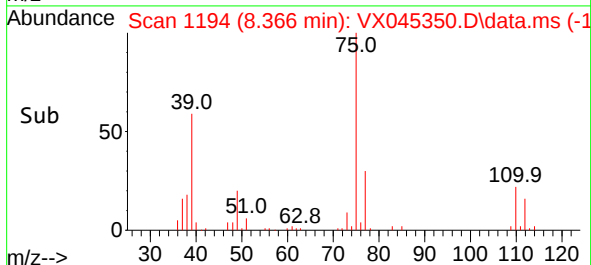
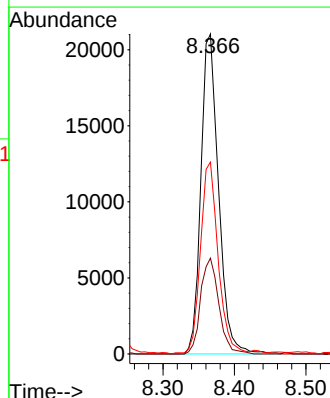
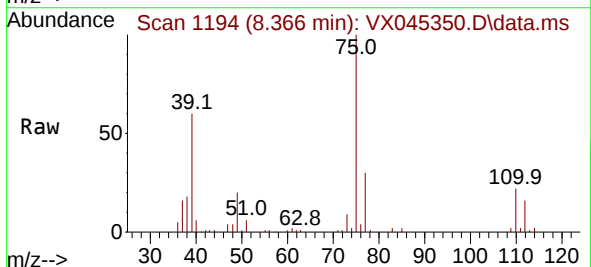
Tgt Ion: 75 Resp: 36016

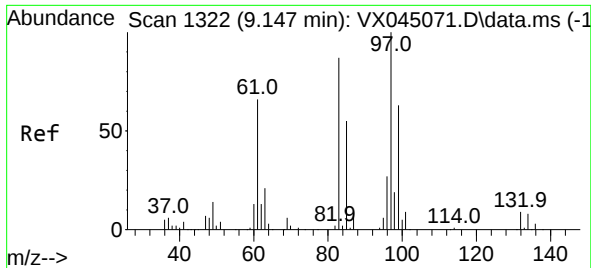
Ion Ratio Lower Upper

75 100

77 30.0 24.7 37.1

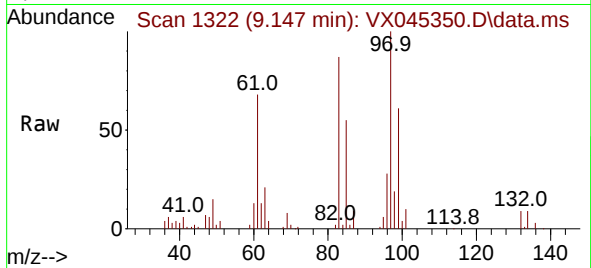
39 59.6 40.7 61.1





#55
1,1,2-Trichloroethane
Concen: 21.615 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

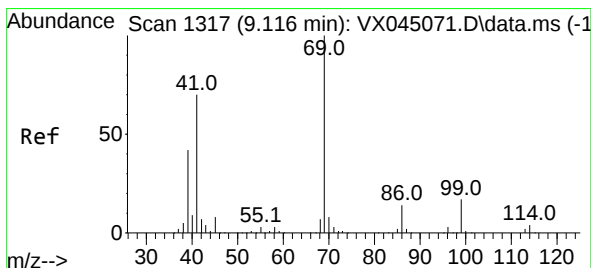
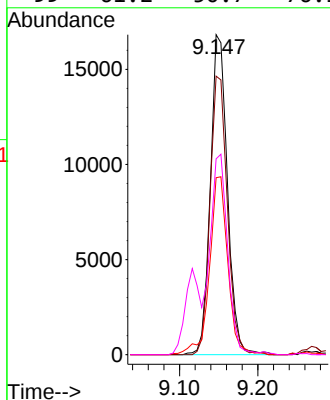
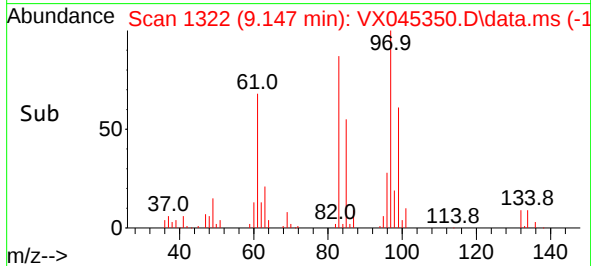
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS01



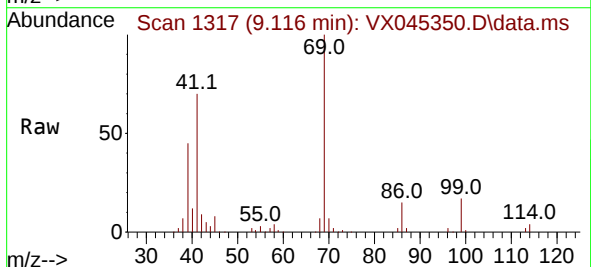
Tgt Ion: 97 Resp: 2547
Ion Ratio Lower Upper
97 100
83 87.1 69.4 104.2
85 55.3 44.1 66.1
99 61.2 50.7 76.1

Manual Integrations
APPROVED

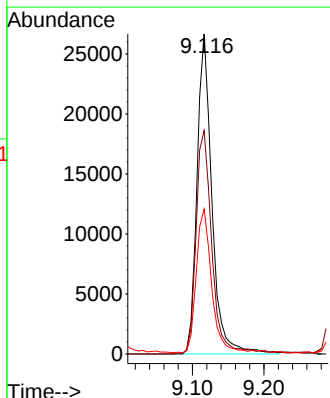
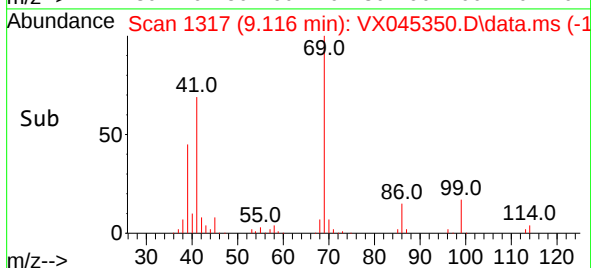
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

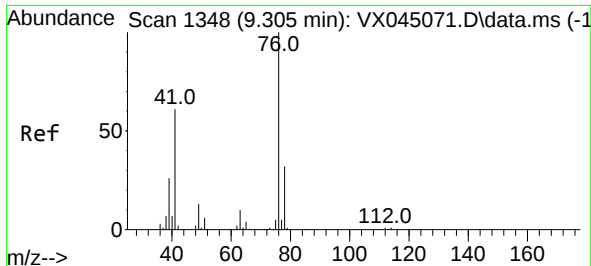


#56
Ethyl methacrylate
Concen: 21.557 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53



Tgt Ion: 69 Resp: 38614
Ion Ratio Lower Upper
69 100
41 74.4 57.0 85.4
39 45.4 34.2 51.4





#57

1,3-Dichloropropane

Concen: 21.077 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045350.D

Acq: 20 Mar 2025 10:53

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBS01

Tgt Ion: 76 Resp: 42984

Ion Ratio Lower Upper

76 100

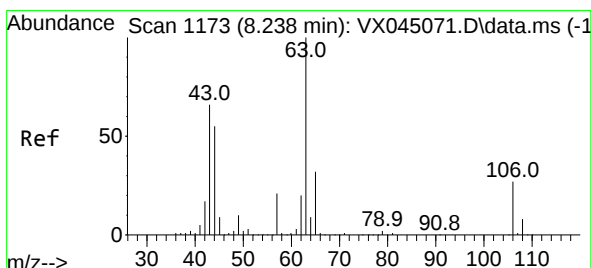
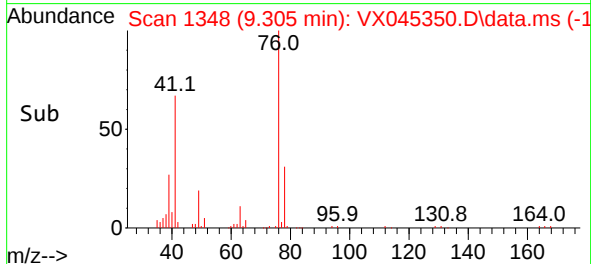
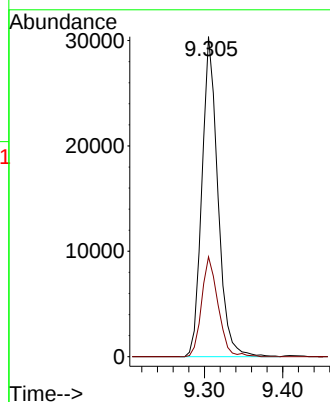
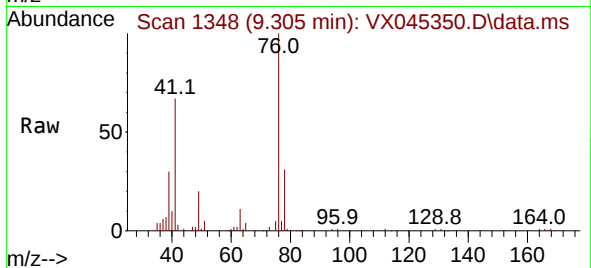
78 32.1 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#58

2-Chloroethyl Vinyl ether

Concen: 97.136 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045350.D

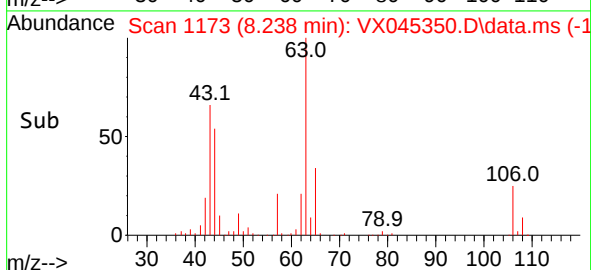
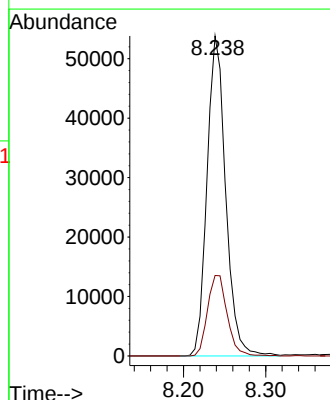
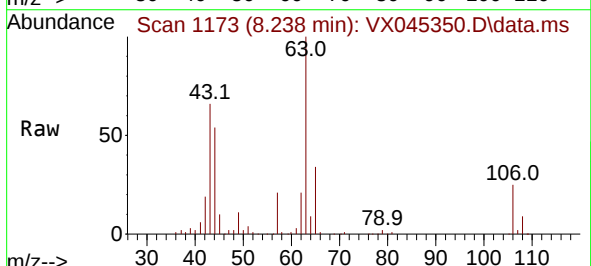
Acq: 20 Mar 2025 10:53

Tgt Ion: 63 Resp: 84877

Ion Ratio Lower Upper

63 100

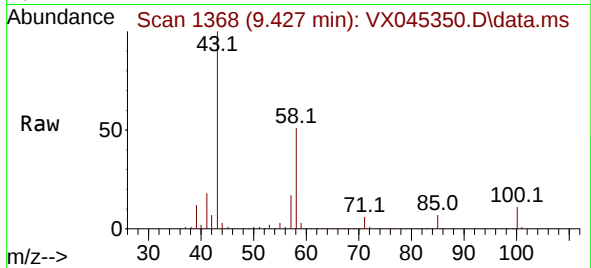
106 26.5 21.5 32.3





#59
2-Hexanone
Concen: 112.560 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

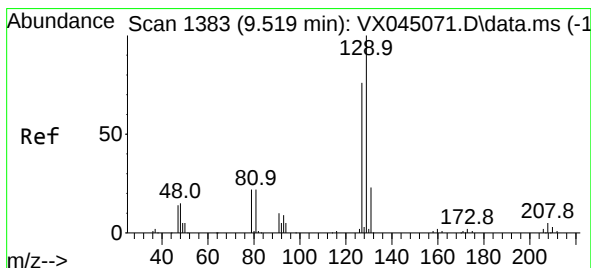
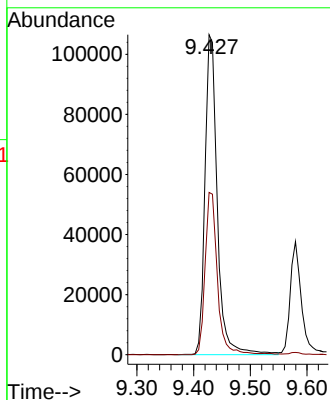
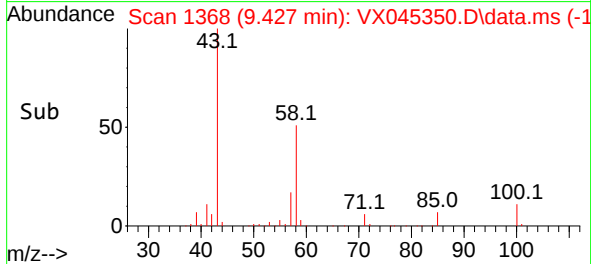
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS01



Tgt Ion: 43 Resp: 16120
Ion Ratio Lower Upper
43 100
58 50.4 25.9 77.6

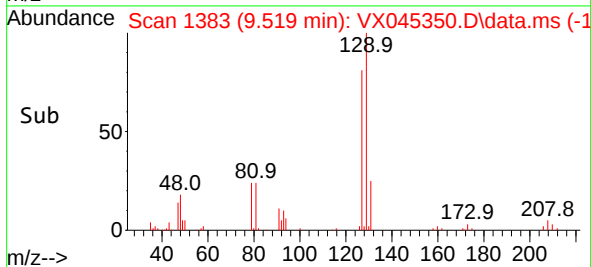
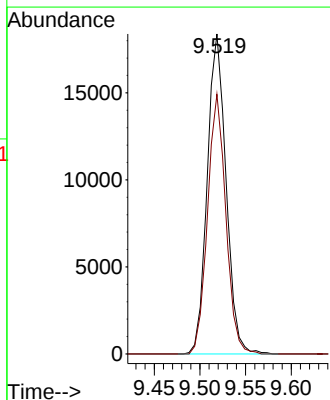
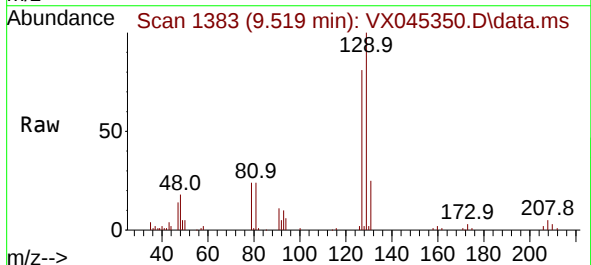
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#60
Dibromochloromethane
Concen: 21.377 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

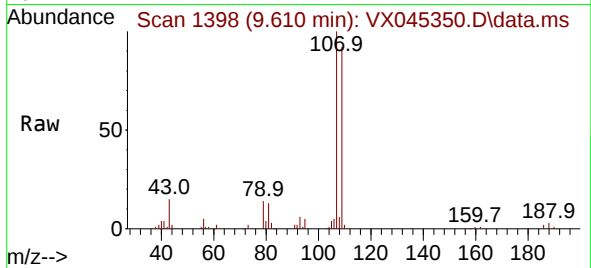
Tgt Ion:129 Resp: 26339
Ion Ratio Lower Upper
129 100
127 78.9 38.5 115.5





#61
1,2-Dibromoethane
Concen: 21.403 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

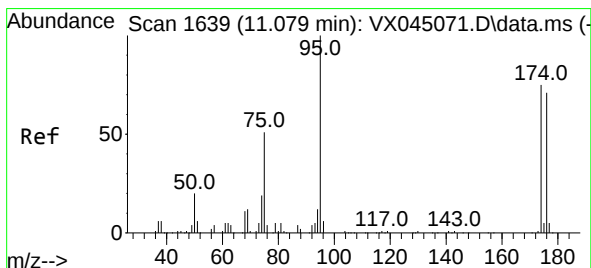
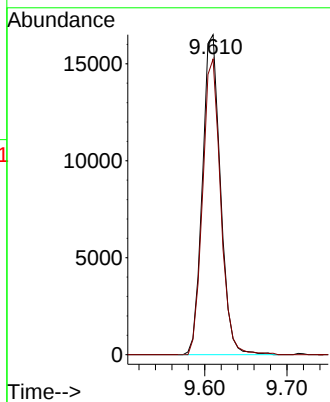
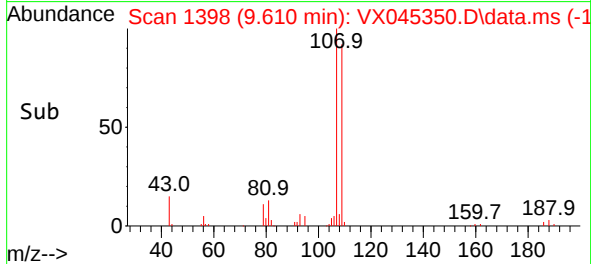
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS01



Tgt Ion:107 Resp: 25179
Ion Ratio Lower Upper
107 100
109 92.5 76.1 114.1

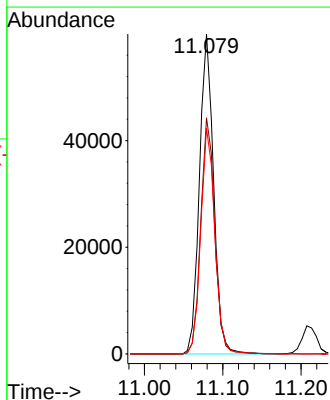
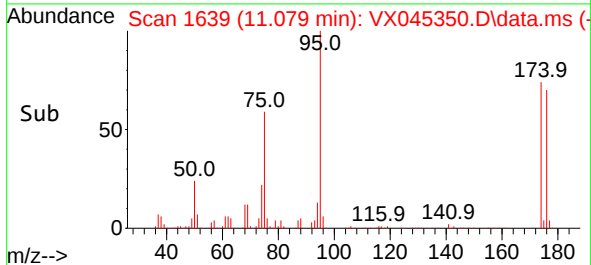
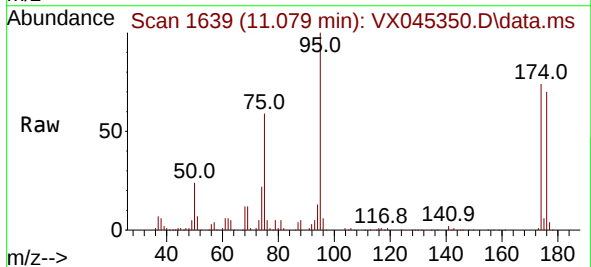
Manual Integrations
APPROVED

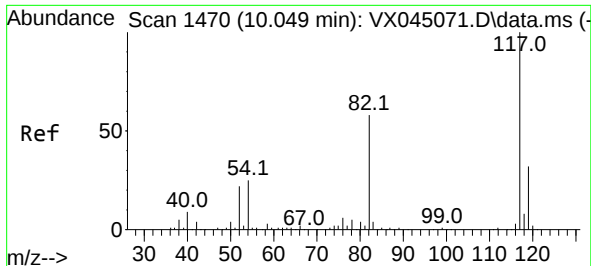
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#62
4-Bromofluorobenzene
Concen: 55.661 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

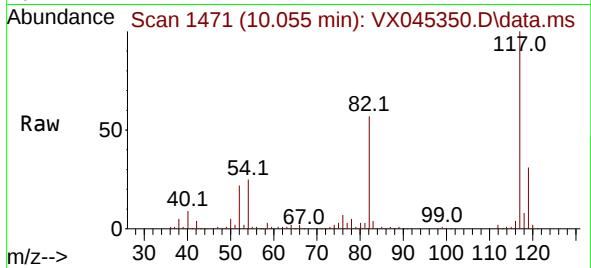
Tgt Ion: 95 Resp: 75333
Ion Ratio Lower Upper
95 100
174 73.0 0.0 148.2
176 70.2 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

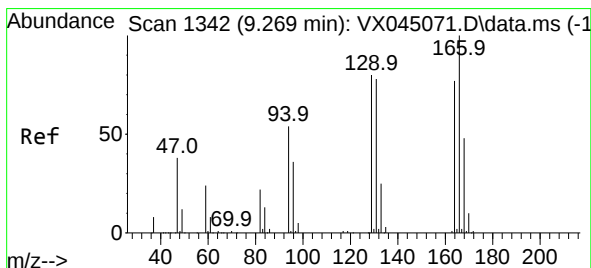
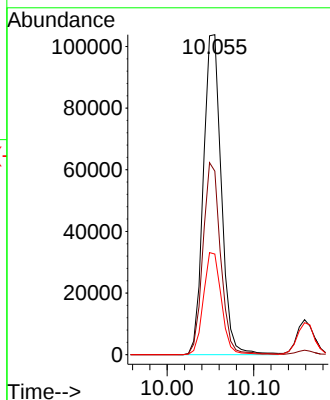
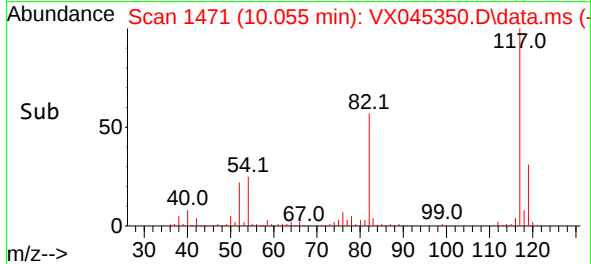
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS01



Tgt Ion:117 Resp: 149499
Ion Ratio Lower Upper
117 100
82 57.4 46.3 69.5
119 31.5 25.7 38.5

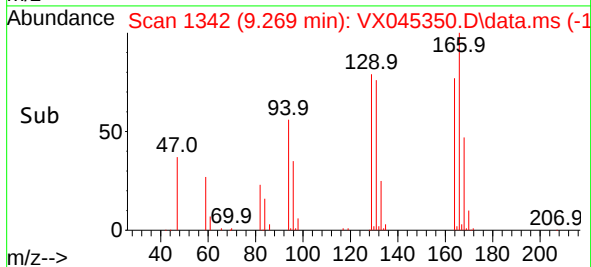
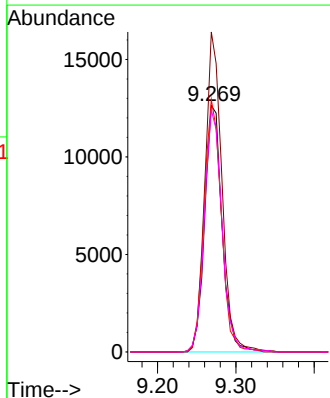
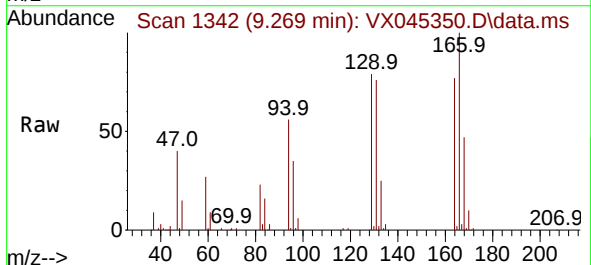
Manual Integrations
APPROVED

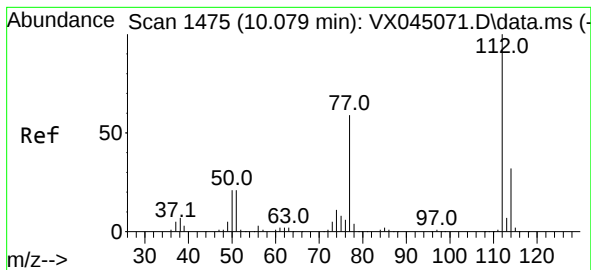
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#64
Tetrachloroethene
Concen: 20.418 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

Tgt Ion:164 Resp: 19550
Ion Ratio Lower Upper
164 100
166 130.0 103.6 155.4
129 102.5 82.7 124.1
131 98.3 80.5 120.7





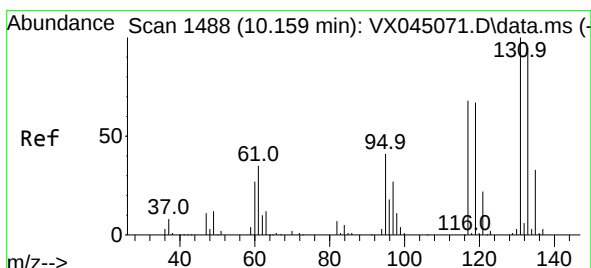
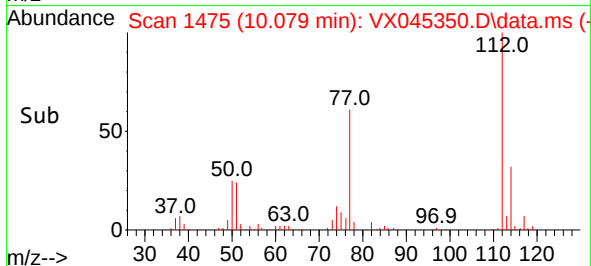
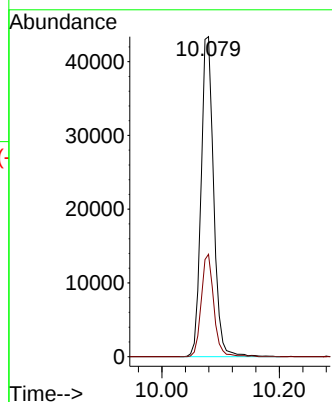
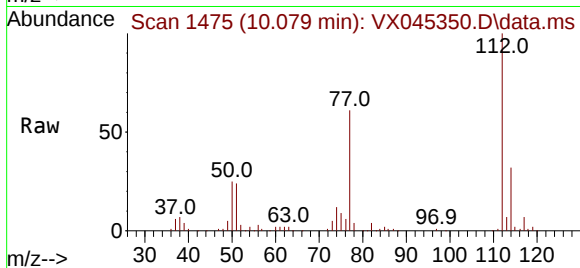
#65
Chlorobenzene
Concen: 20.437 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS01

Tgt Ion:112 Resp: 64649
Ion Ratio Lower Upper
112 100
114 32.0 26.0 39.0

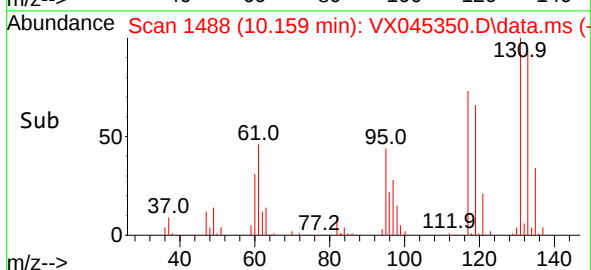
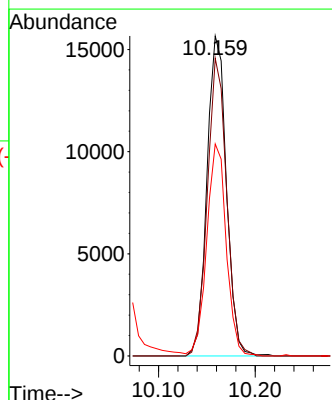
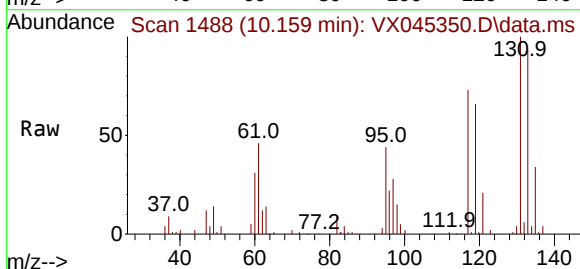
Manual Integrations
APPROVED

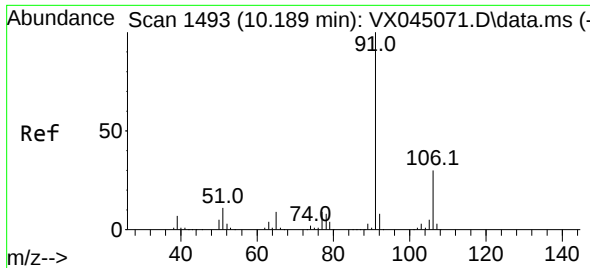
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 20.749 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

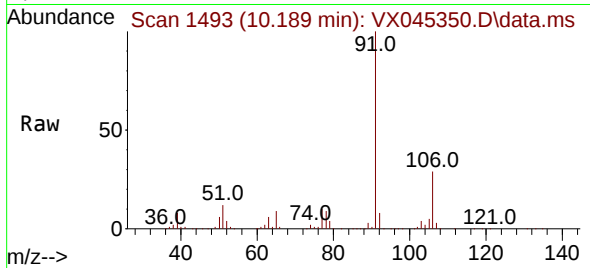
Tgt Ion:131 Resp: 21858
Ion Ratio Lower Upper
131 100
133 92.6 48.6 145.9
119 66.5 33.9 101.7





#67
Ethyl Benzene
Concen: 20.445 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

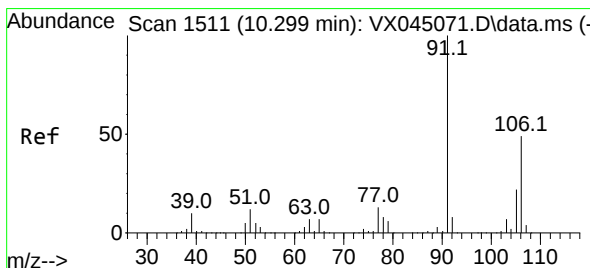
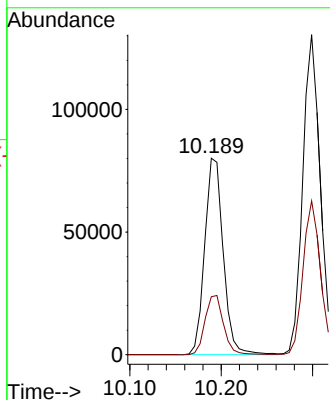
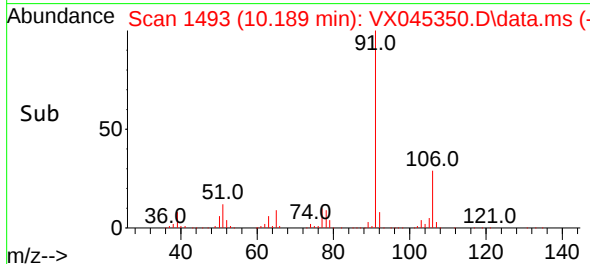
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS01



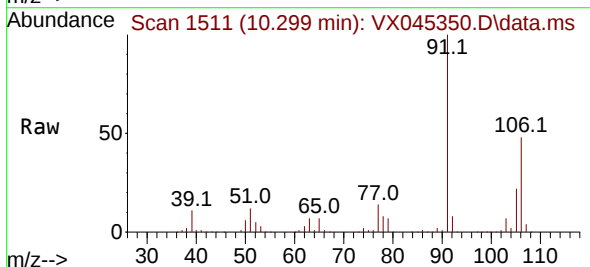
Tgt Ion: 91 Resp: 11269
Ion Ratio Lower Upper
91 100
106 29.5 23.9 35.9

Manual Integrations
APPROVED

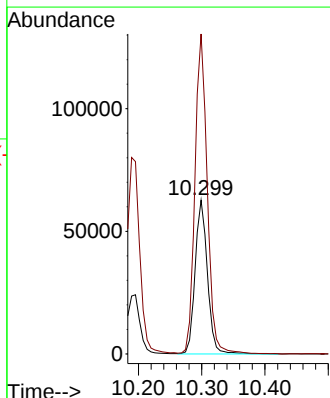
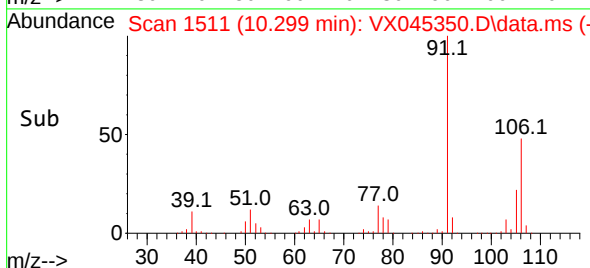
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

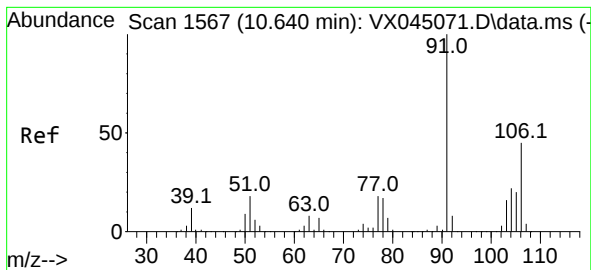


#68
m/p-Xylenes
Concen: 42.183 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53



Tgt Ion:106 Resp: 85116
Ion Ratio Lower Upper
106 100
91 208.6 165.4 248.0





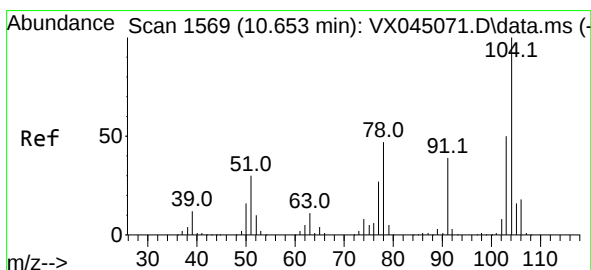
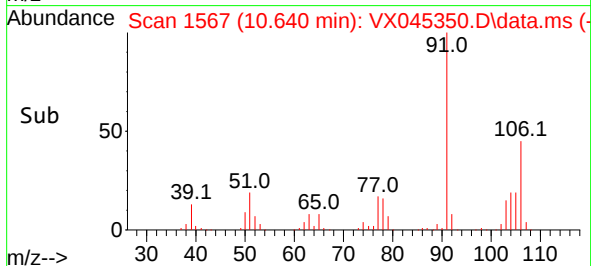
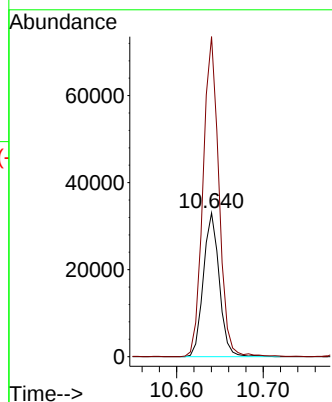
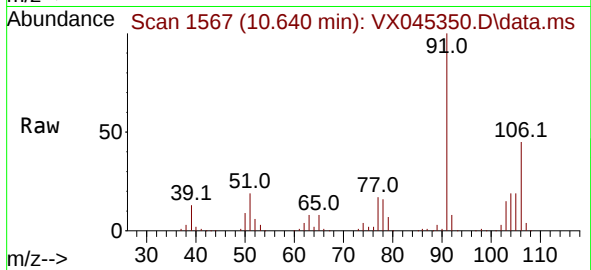
#69
o-Xylene
Concen: 20.699 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS01

Tgt Ion:106 Resp: 42125
Ion Ratio Lower Upper
106 100
91 222.9 109.9 329.6

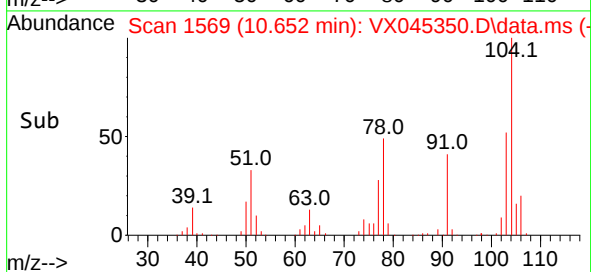
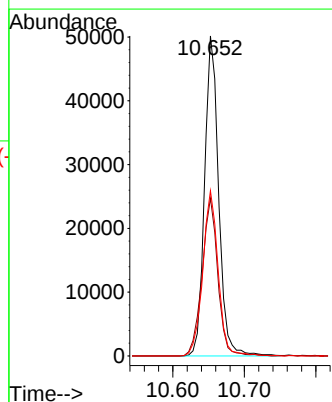
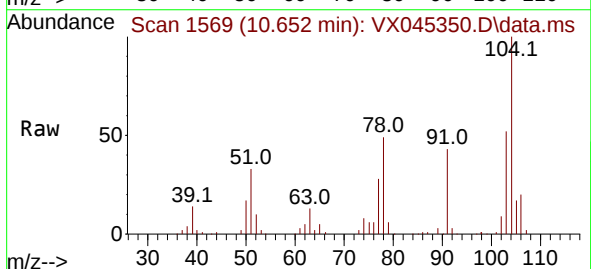
Manual Integrations
APPROVED

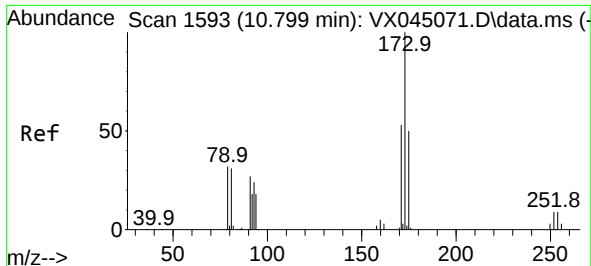
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#70
Styrene
Concen: 20.888 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

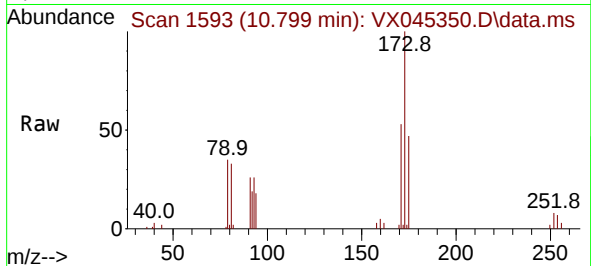
Tgt Ion:104 Resp: 68782
Ion Ratio Lower Upper
104 100
78 54.9 42.2 63.4
103 56.5 43.8 65.8





#71
Bromoform
Concen: 20.565 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

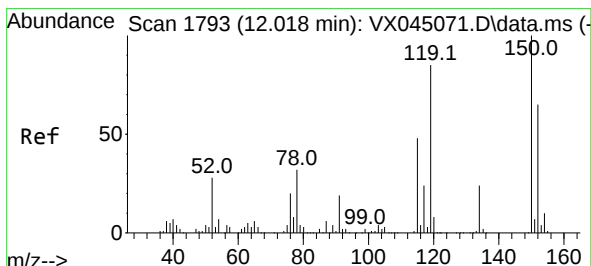
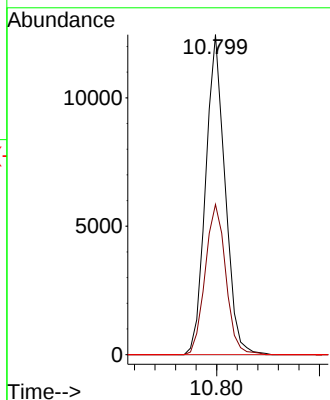
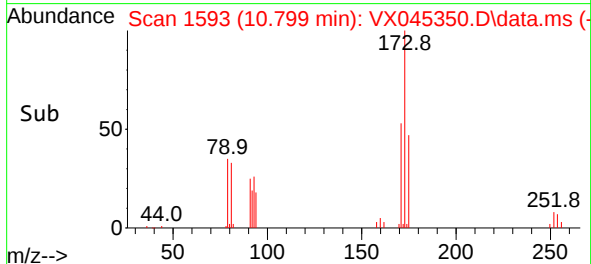
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS01



Tgt Ion:173 Resp: 1633
Ion Ratio Lower Upper
173 100
175 49.9 24.6 73.6
254 0.0 0.0 0.0

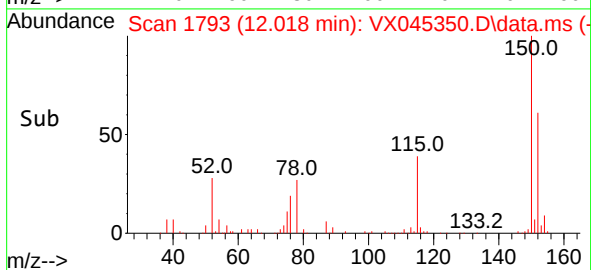
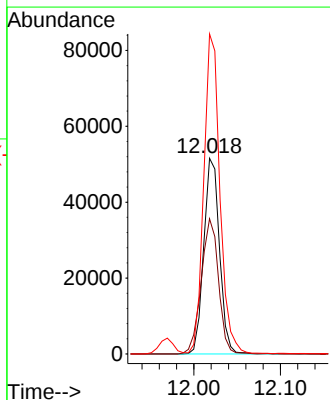
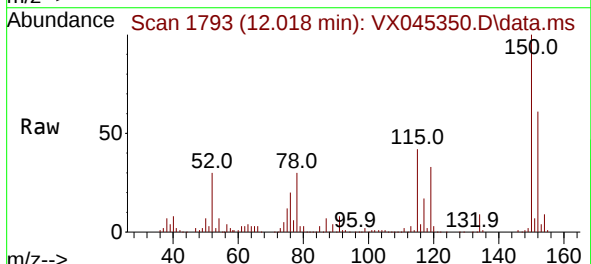
Manual Integrations
APPROVED

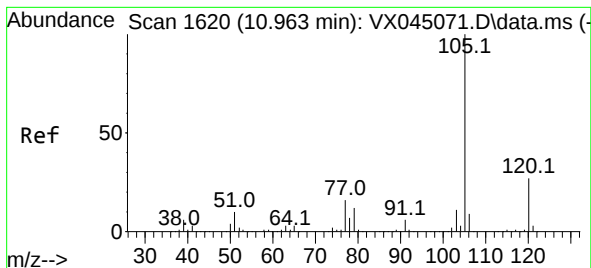
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

Tgt Ion:152 Resp: 65210
Ion Ratio Lower Upper
152 100
115 75.6 44.2 132.6
150 167.0 0.0 349.0





#73

Isopropylbenzene

Concen: 21.707 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045350.D

Acq: 20 Mar 2025 10:53

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBS01

Tgt Ion:105 Resp: 110480

Ion Ratio Lower Upper

105 100

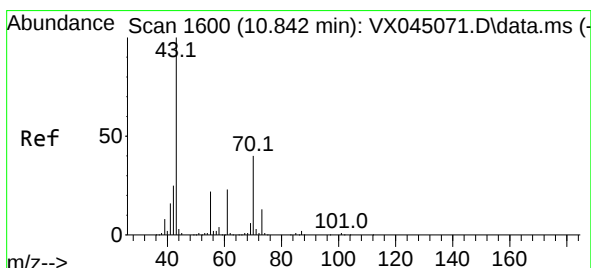
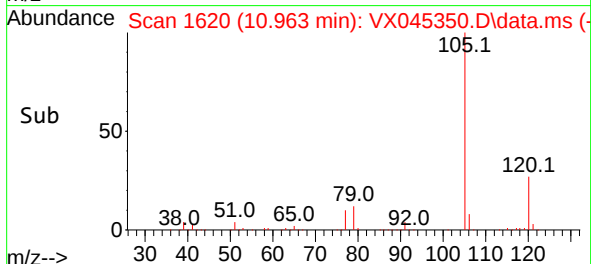
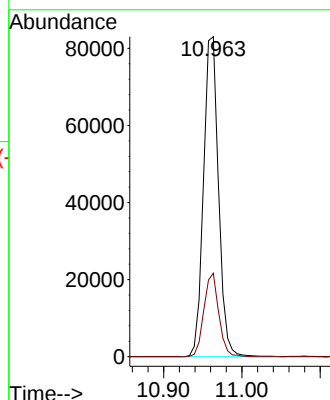
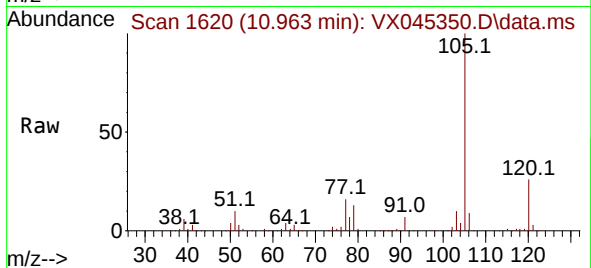
120 25.8 13.2 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#74

N-ethyl acetate

Concen: 20.996 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX045350.D

Acq: 20 Mar 2025 10:53

Tgt Ion: 43 Resp: 50145

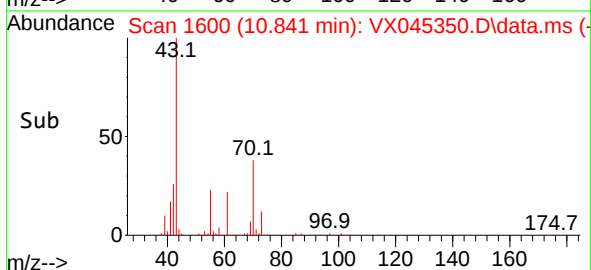
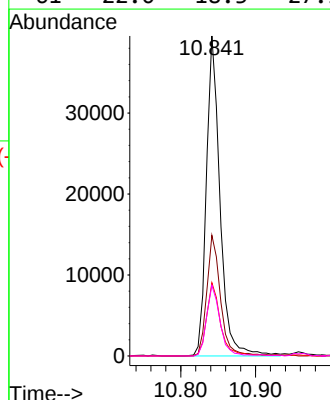
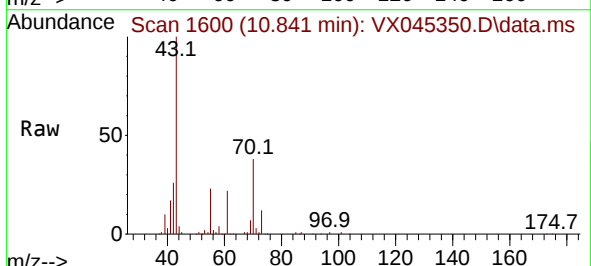
Ion Ratio Lower Upper

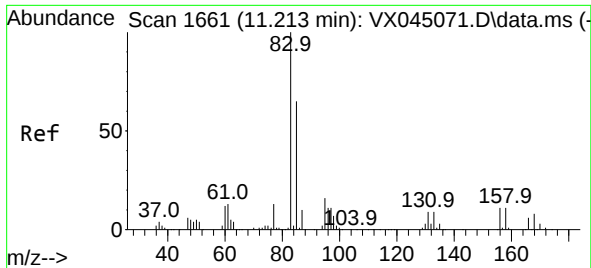
43 100

70 37.9 31.8 47.6

55 23.2 18.3 27.5

61 22.0 18.3 27.5





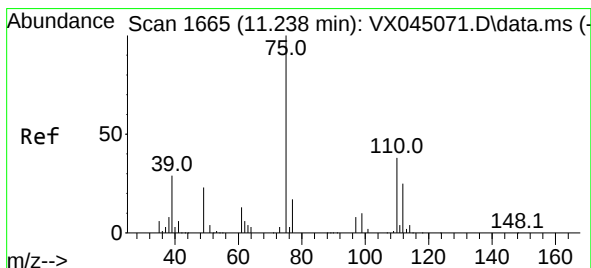
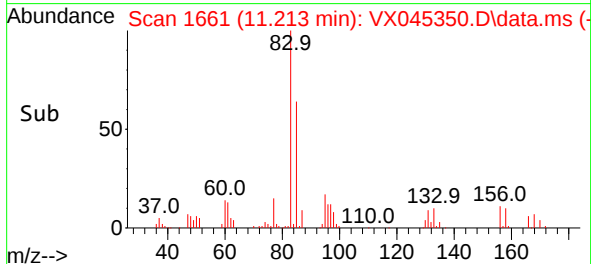
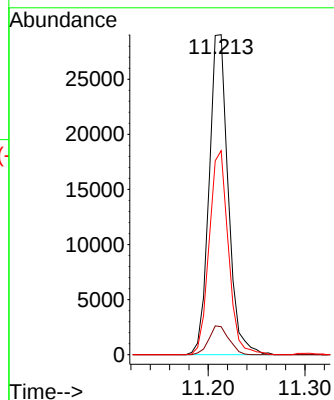
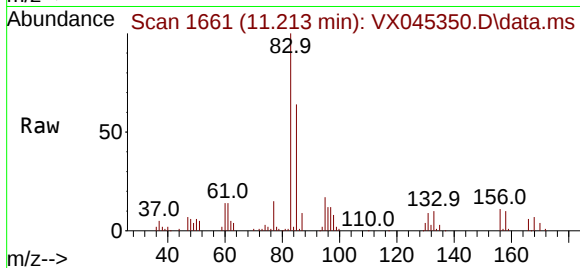
#75
1,1,2,2-Tetrachloroethane
Concen: 21.363 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS01

Tgt Ion: 83 Resp: 3990
Ion Ratio Lower Upper
83 100
131 9.4 4.5 13.4
85 63.9 31.7 95.1

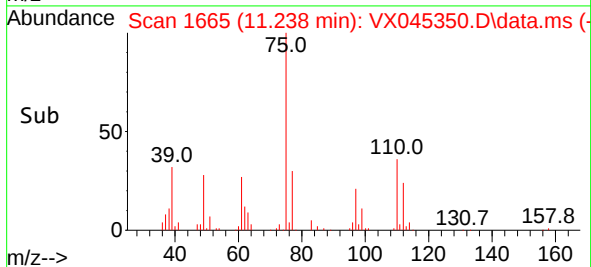
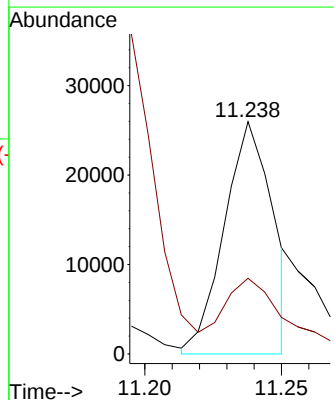
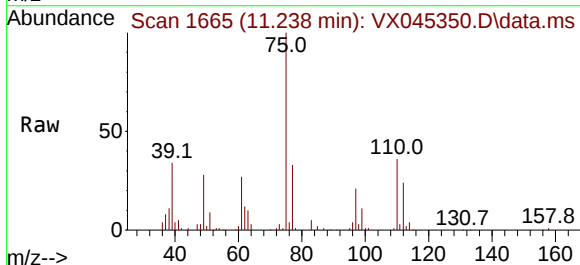
Manual Integrations
APPROVED

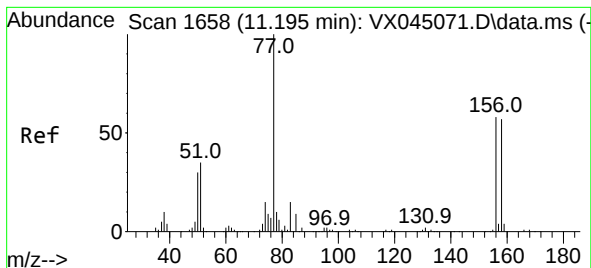
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#76
1,2,3-Trichloropropane
Concen: 21.194 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

Tgt Ion: 75 Resp: 32167
Ion Ratio Lower Upper
75 100
77 42.4 20.7 62.1





#77

Bromobenzene

Concen: 20.758 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX045350.D

Acq: 20 Mar 2025 10:53

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBS01

Tgt Ion:156 Resp: 24928

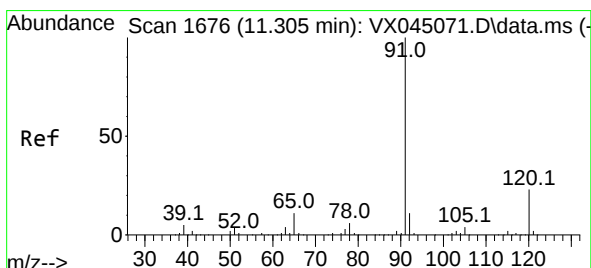
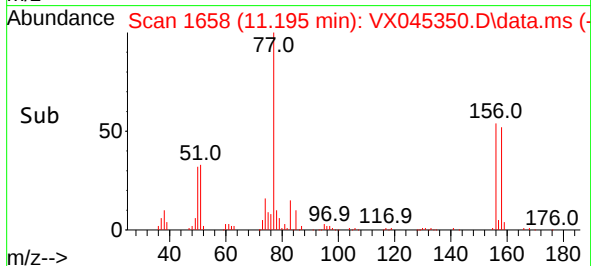
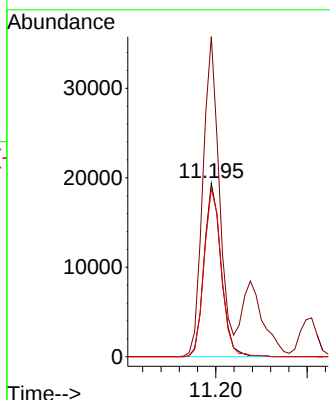
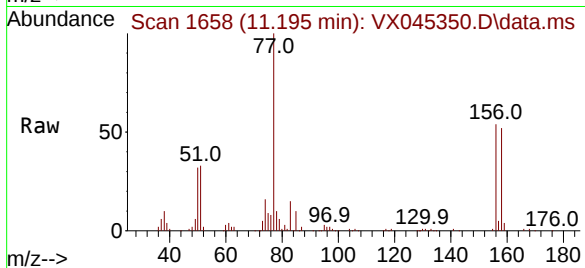
Ion	Ratio	Lower	Upper
156	100		
77	179.0	85.8	257.4
158	98.4	48.4	145.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#78

n-propylbenzene

Concen: 22.004 ug/l

RT: 11.299 min Scan# 1675

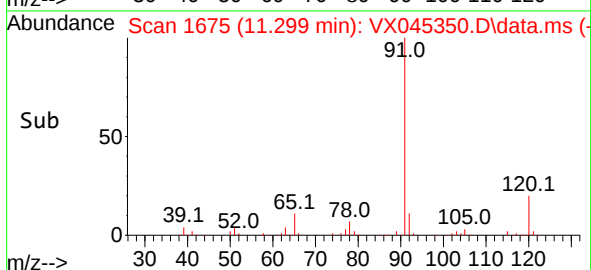
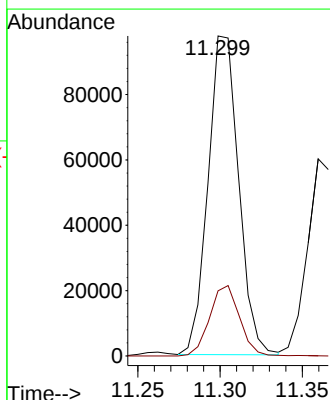
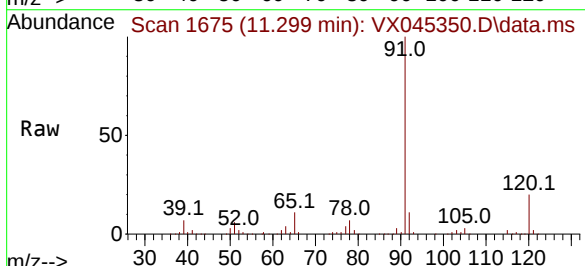
Delta R.T. -0.006 min

Lab File: VX045350.D

Acq: 20 Mar 2025 10:53

Tgt Ion: 91 Resp: 126518

Ion	Ratio	Lower	Upper
91	100		
120	21.6	11.2	33.6





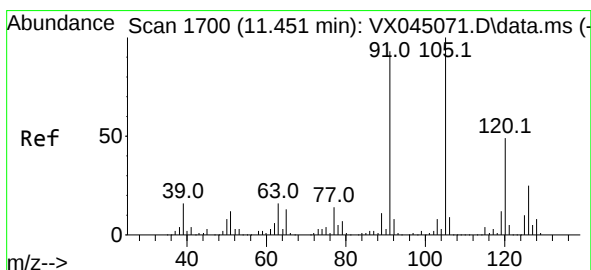
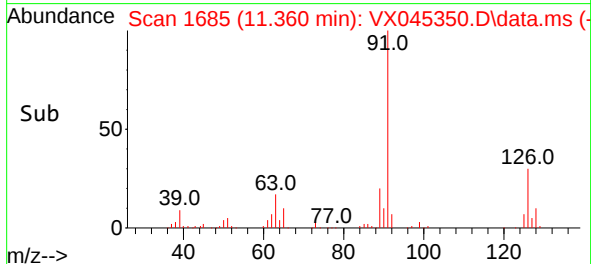
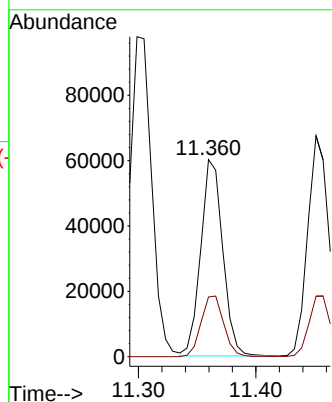
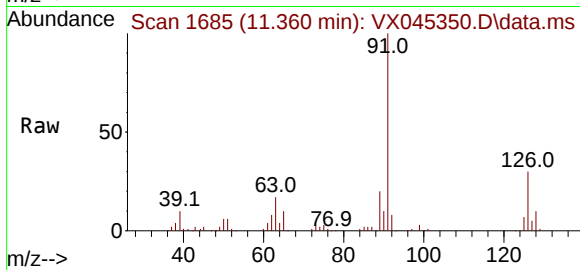
#79
2-Chlorotoluene
Concen: 21.386 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS01

Tgt Ion: 91 Resp: 7831
Ion Ratio Lower Upper
91 100
126 31.9 16.4 49.4

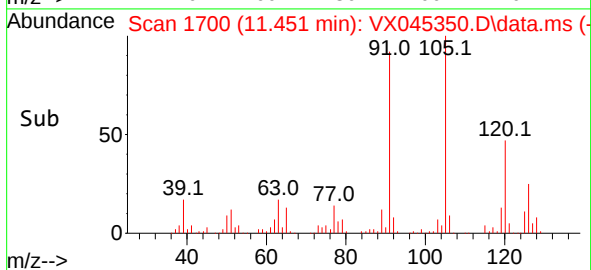
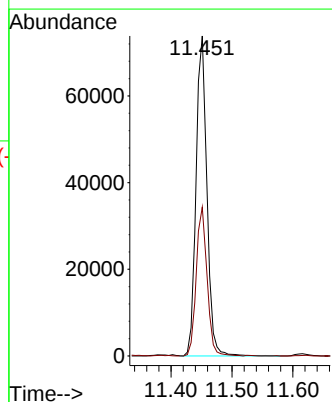
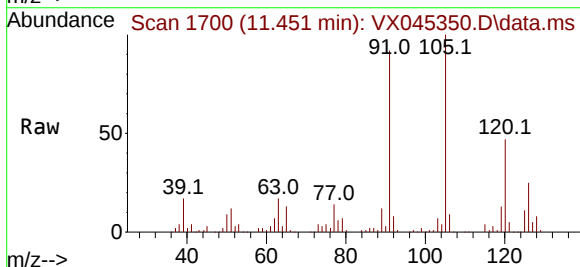
Manual Integrations
APPROVED

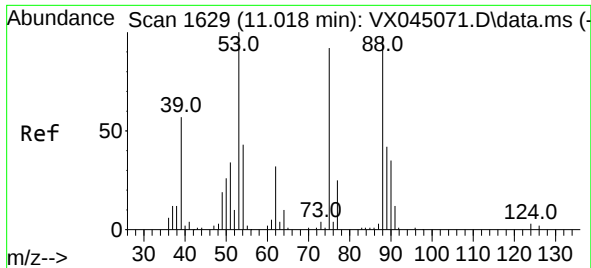
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 22.175 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

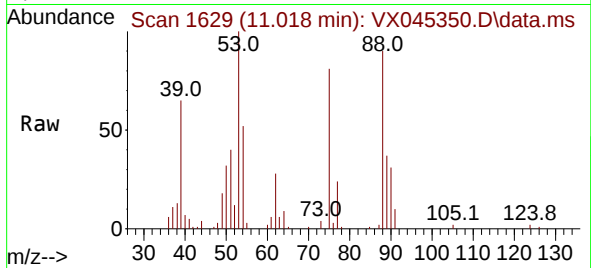
Tgt Ion:105 Resp: 91263
Ion Ratio Lower Upper
105 100
120 46.4 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 20.800 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

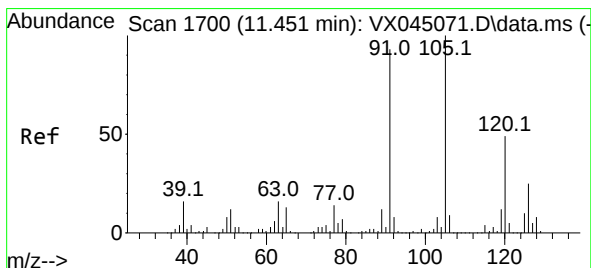
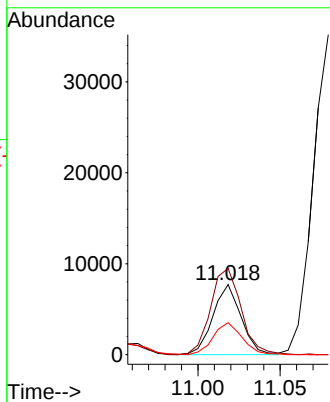
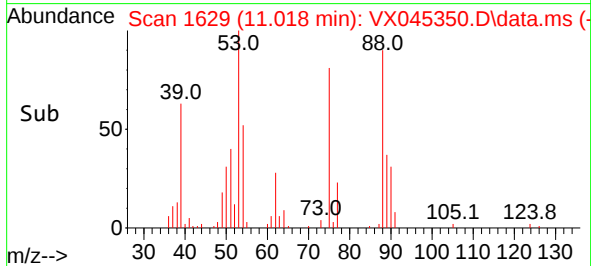
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS01



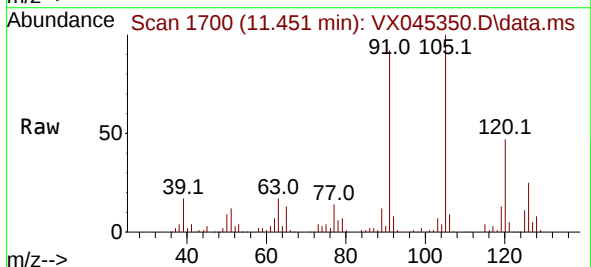
Tgt Ion: 75 Resp: 9225
Ion Ratio Lower Upper
75 100
53 133.1 88.5 132.7
89 46.5 36.2 54.4

Manual Integrations
APPROVED

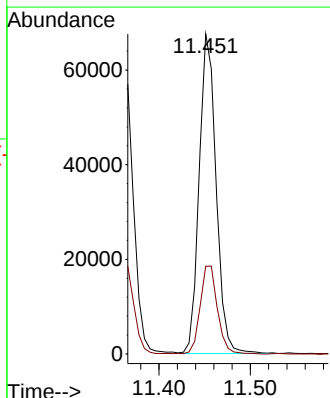
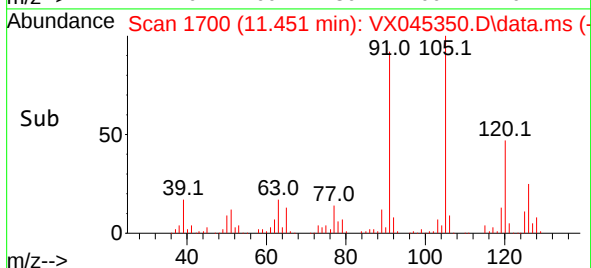
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

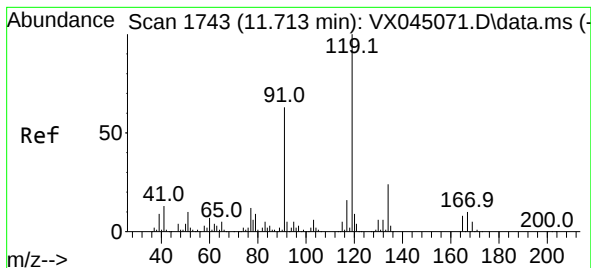


#82
4-Chlorotoluene
Concen: 21.721 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53



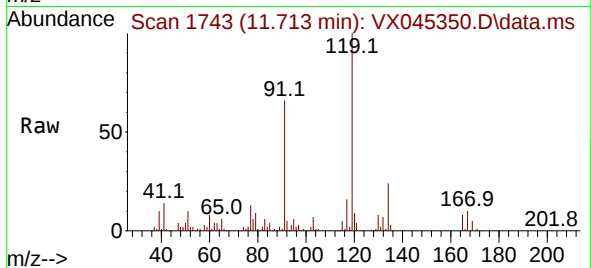
Tgt Ion: 91 Resp: 86685
Ion Ratio Lower Upper
91 100
126 28.1 14.1 42.4





#83
tert-Butylbenzene
Concen: 21.535 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

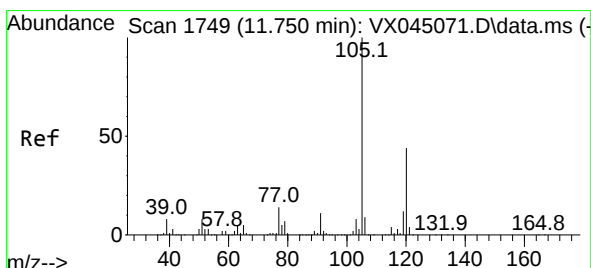
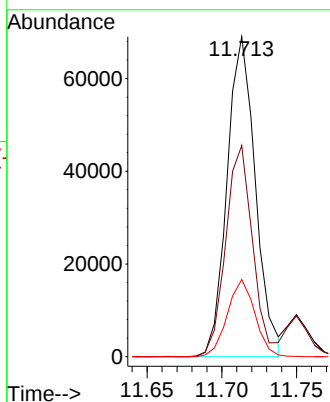
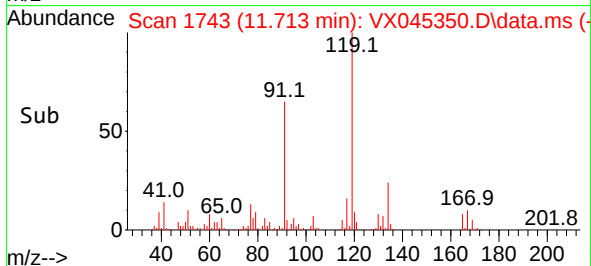
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS01



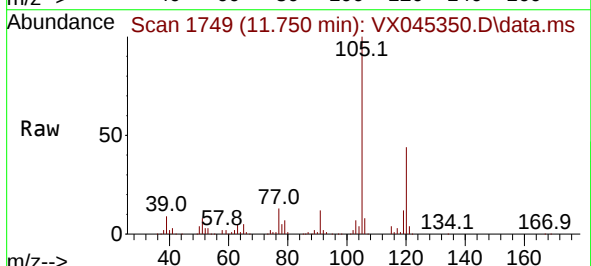
Tgt Ion:119 Resp: 91062
Ion Ratio Lower Upper
119 100
91 63.2 30.7 92.1
134 23.5 11.7 35.0

Manual Integrations
APPROVED

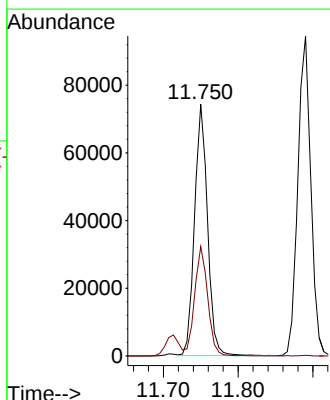
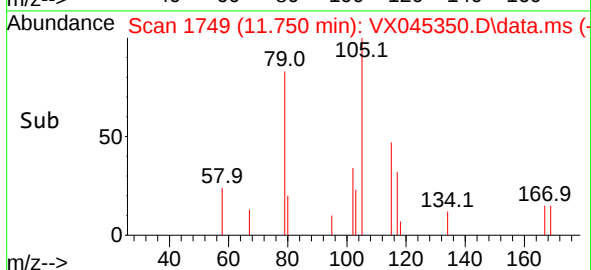
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

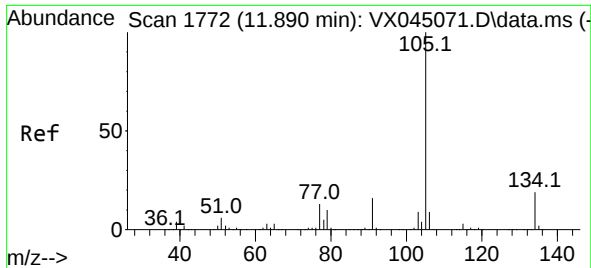


#84
1,2,4-Trimethylbenzene
Concen: 21.617 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53



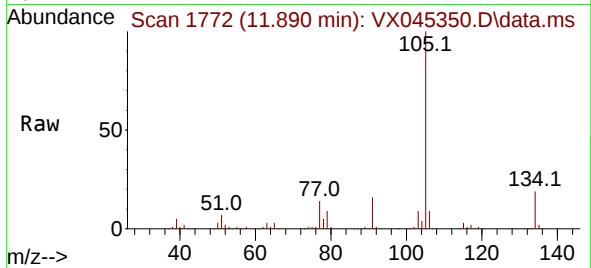
Tgt Ion:105 Resp: 89517
Ion Ratio Lower Upper
105 100
120 44.1 22.1 66.1





#85
 sec-Butylbenzene
 Concen: 22.499 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX045350.D
 Acq: 20 Mar 2025 10:53

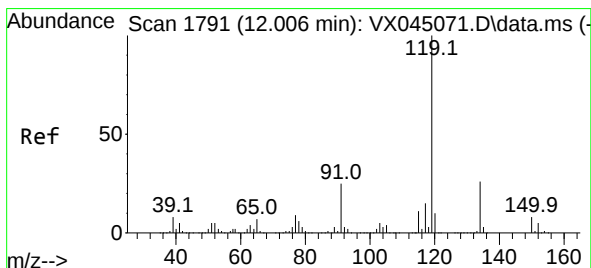
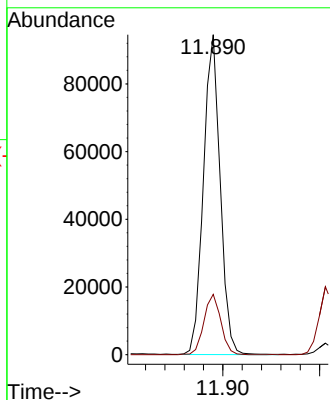
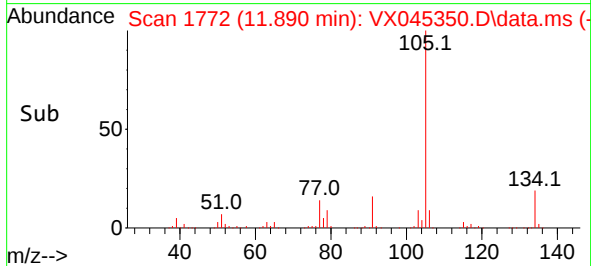
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0320WBS01



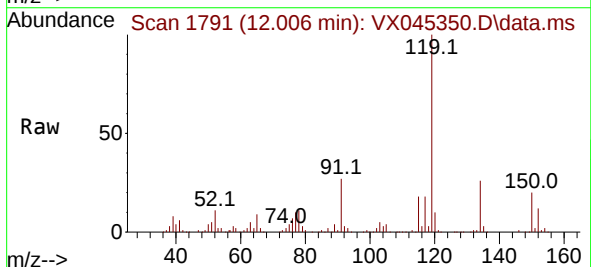
Tgt Ion:105 Resp: 11396
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.4

Manual Integrations
 APPROVED

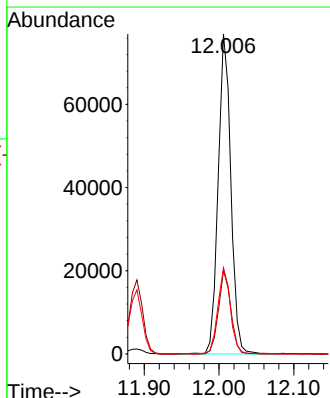
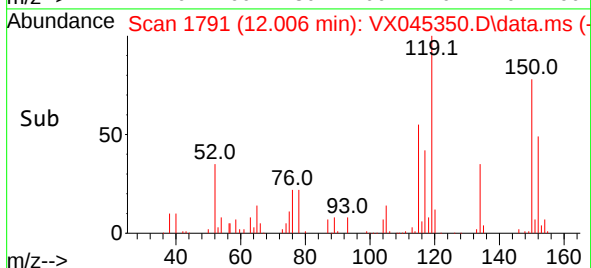
Reviewed By :John Carlone 03/21/2025
 Supervised By :Mahesh Dadoda 03/21/2025



#86
 p-Isopropyltoluene
 Concen: 22.123 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045350.D
 Acq: 20 Mar 2025 10:53



Tgt Ion:119 Resp: 90559
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.9 38.6
 91 26.7 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 20.853 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX045350.D

Acq: 20 Mar 2025 10:53

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBS01

Tgt Ion:146 Resp: 44674

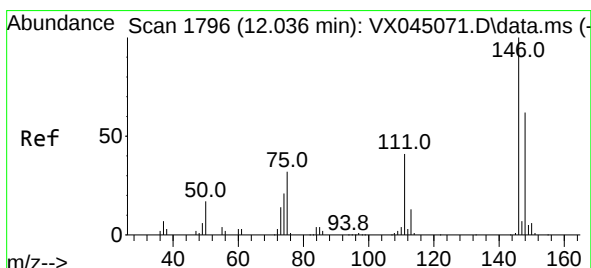
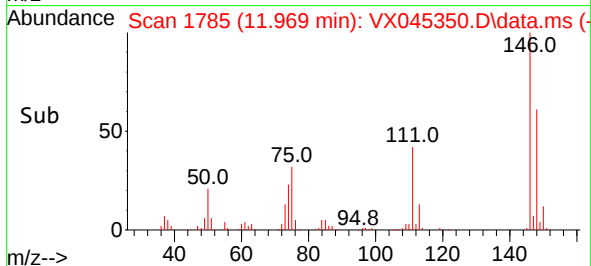
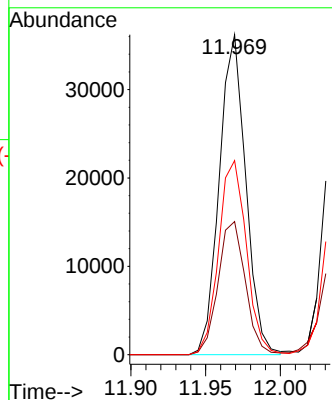
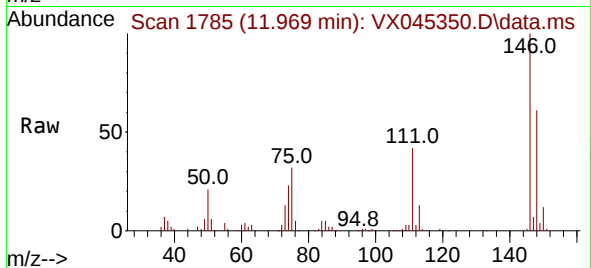
Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.1	63.4
148	63.6	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#88

1,4-Dichlorobenzene

Concen: 20.434 ug/l

RT: 12.036 min Scan# 1796

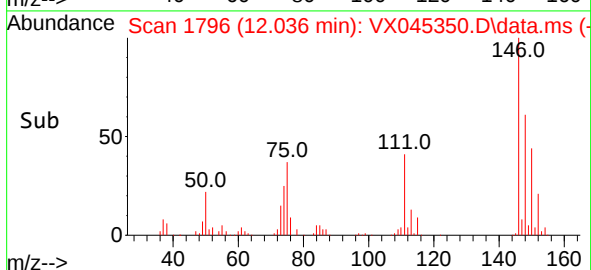
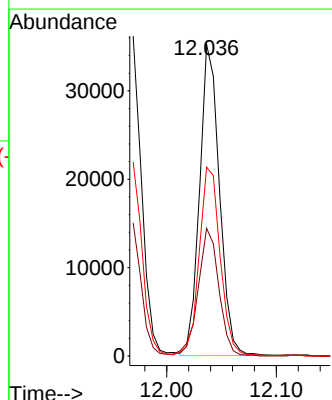
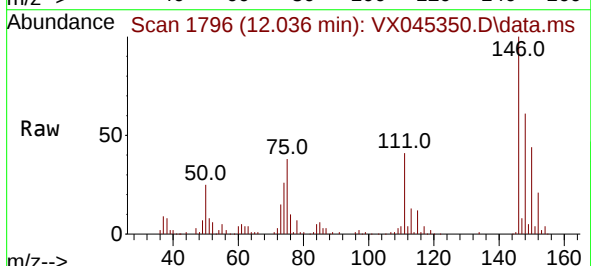
Delta R.T. -0.000 min

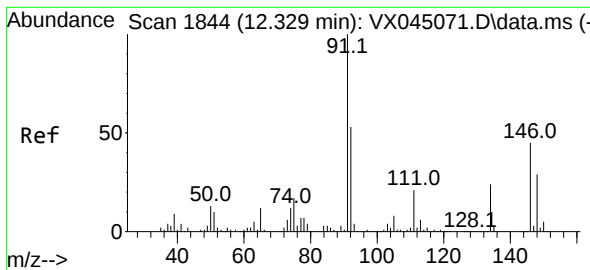
Lab File: VX045350.D

Acq: 20 Mar 2025 10:53

Tgt Ion:146 Resp: 44289

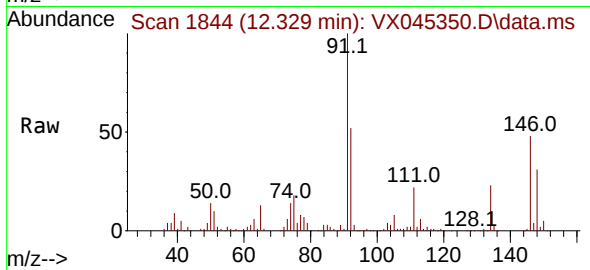
Ion	Ratio	Lower	Upper
146	100		
111	43.1	20.2	60.5
148	63.9	31.9	95.9





#89
n-Butylbenzene
Concen: 21.789 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

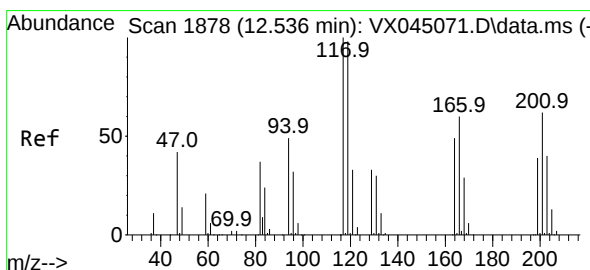
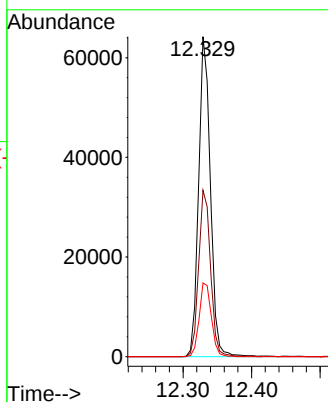
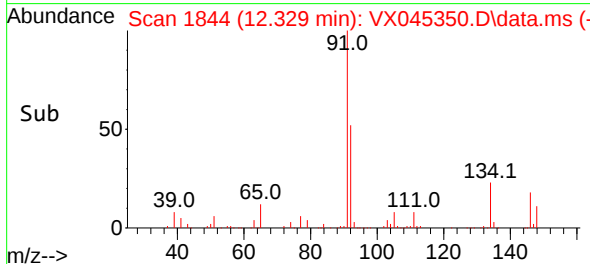
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS01



Tgt Ion: 91 Resp: 76819
Ion Ratio Lower Upper
91 100
92 52.8 26.7 80.0
134 23.8 12.2 36.6

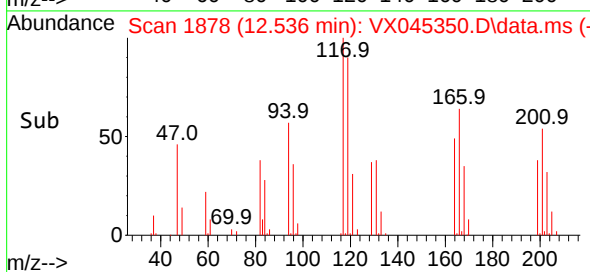
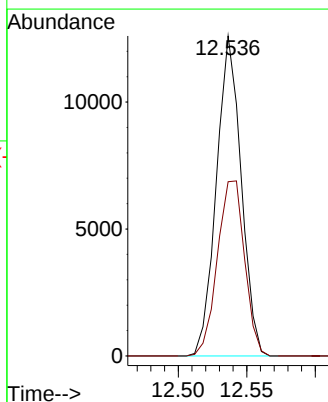
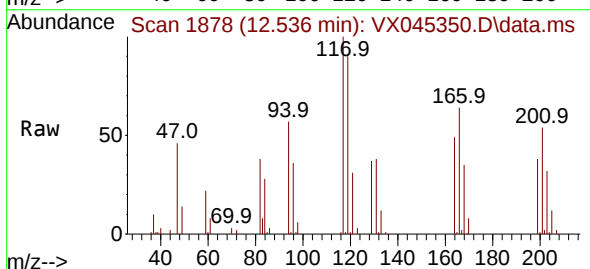
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#90
Hexachloroethane
Concen: 21.372 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

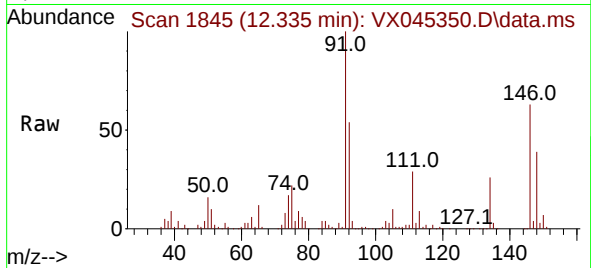
Tgt Ion:117 Resp: 15824
Ion Ratio Lower Upper
117 100
201 60.3 31.9 95.9





#91
1,2-Dichlorobenzene
Concen: 21.144 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

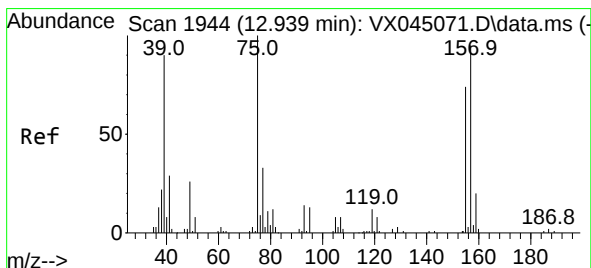
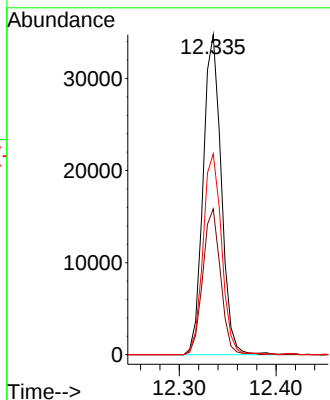
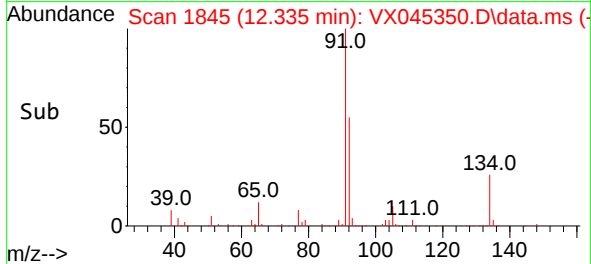
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS01



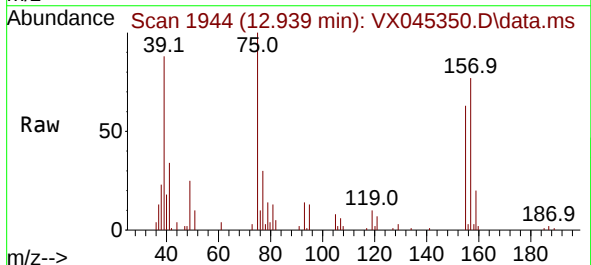
Tgt Ion:146 Resp: 45440
Ion Ratio Lower Upper
146 100
111 44.7 21.6 65.0
148 64.3 31.9 95.9

Manual Integrations
APPROVED

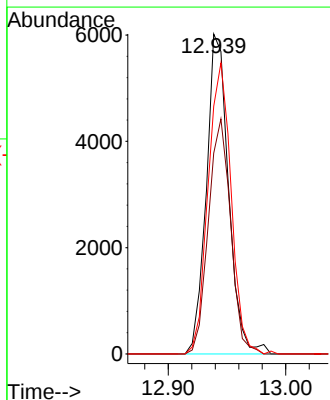
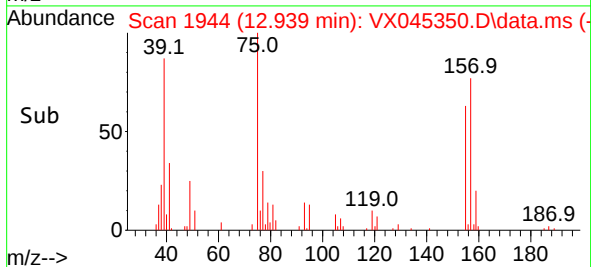
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

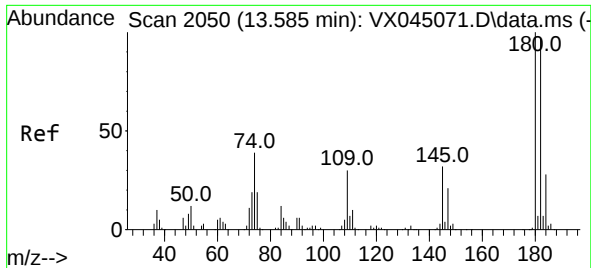


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.774 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53



Tgt Ion: 75 Resp: 7923
Ion Ratio Lower Upper
75 100
155 73.3 39.6 118.7
157 94.3 51.1 153.4





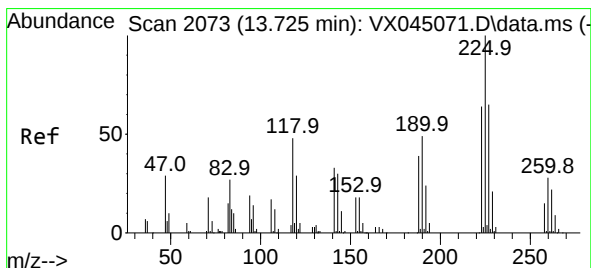
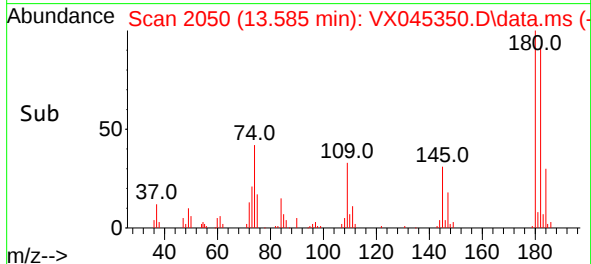
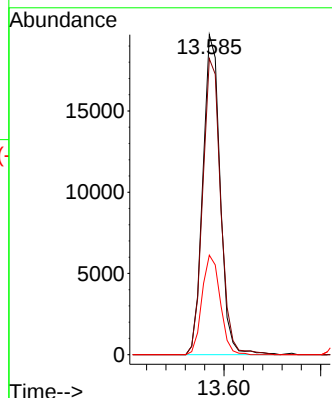
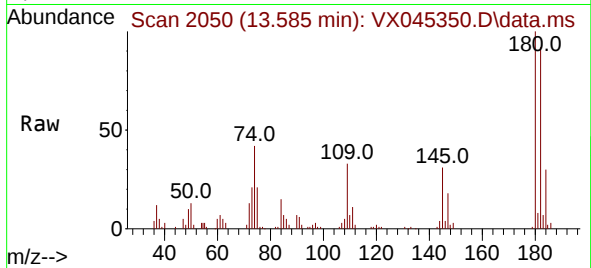
#93
1,2,4-Trichlorobenzene
Concen: 20.027 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS01

Tgt Ion:180 Resp: 2450
Ion Ratio Lower Upper
180 100
182 95.8 47.3 141.9
145 32.6 16.3 48.9

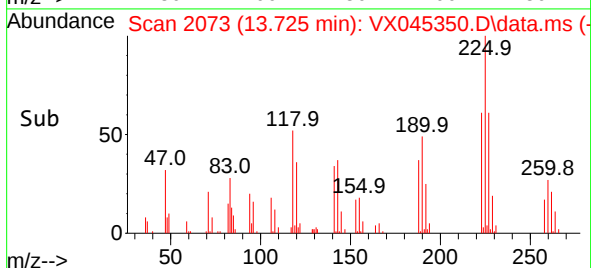
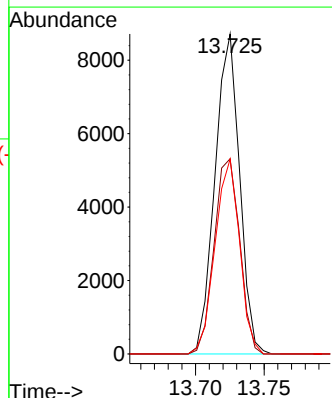
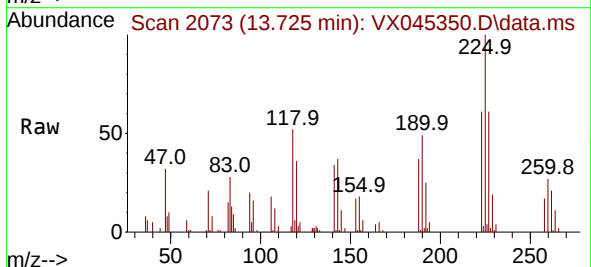
Manual Integrations
APPROVED

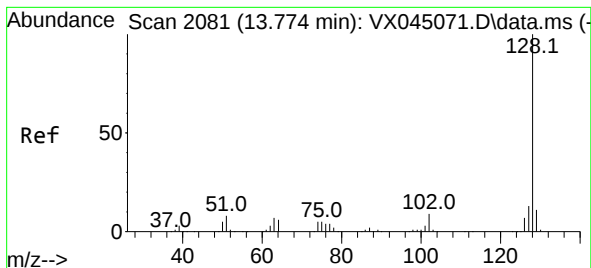
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#94
Hexachlorobutadiene
Concen: 21.692 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

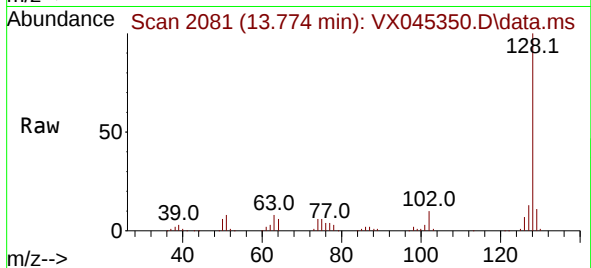
Tgt Ion:225 Resp: 10883
Ion Ratio Lower Upper
225 100
223 63.3 31.9 95.7
227 60.5 31.4 94.0





#95
Naphthalene
Concen: 20.032 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53

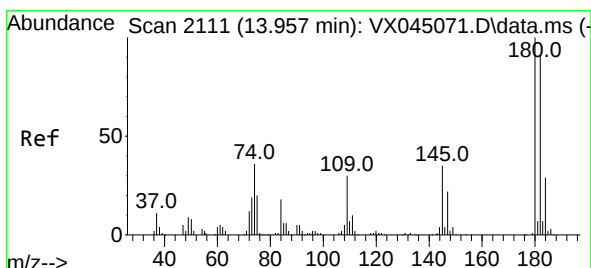
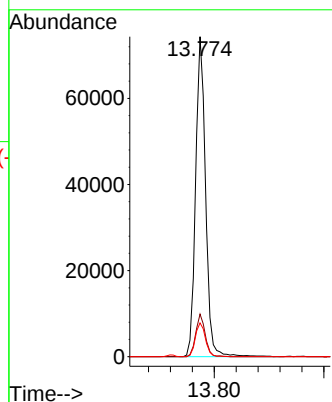
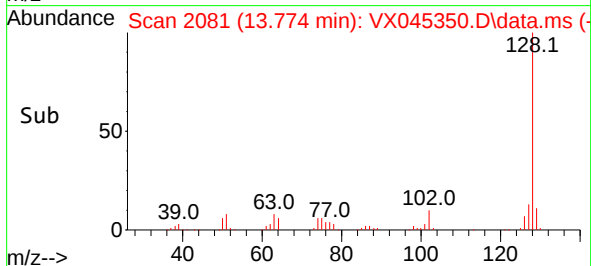
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS01



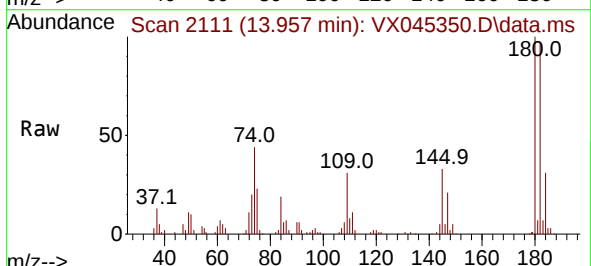
Tgt Ion:128 Resp: 94184
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.806 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX045350.D
Acq: 20 Mar 2025 10:53



Tgt Ion:180 Resp: 25568
Ion Ratio Lower Upper
180 100
182 98.9 47.5 142.6
145 34.1 17.0 50.9

