

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032823\
 Data File : VX034810.D
 Acq On : 28 Mar 2023 21:51
 Operator : JC/MD
 Sample : 02084-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5B

Quant Time: Mar 29 04:10:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	270017	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	458525	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	431214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	232655	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	190917	48.602	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.200%
35) Dibromofluoromethane	5.385	113	143553	47.418	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.840%
50) Toluene-d8	8.647	98	569718	50.411	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.820%
62) 4-Bromofluorobenzene	11.079	95	250317	54.835	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.660%

Target Compounds				Qvalue		
3) Chloromethane	1.264	50	1411	Below Cal	#	63
6) Chloroethane	1.691	64	409	0.207	ug/l #	42
8) Diethyl Ether	1.959	74	478	0.254	ug/l #	1
11) Tert butyl alcohol	2.977	59	682	0.834	ug/l #	73
13) Acrolein	2.215	56	64898	100.286	ug/l #	1
14) Allyl chloride	2.715	41	88534	14.773	ug/l #	26
15) Acrylonitrile	3.105	53	88885	50.301	ug/l #	38
16) Acetone	2.343	43	256594	138.671	ug/l #	53
18) Methyl Acetate	2.782	43	1287708	212.981	ug/l #	53
20) Methylene Chloride	2.721	84	29129	8.111	ug/l #	12
23) Vinyl Acetate	3.733	43	25243	2.903	ug/l #	76
24) 1,1-Dichloroethane	3.581	63	2270	0.370	ug/l #	81
25) 2-Butanone	4.562	43	18458	6.972	ug/l #	88
29) Tetrahydrofuran	4.952	42	1310	0.802	ug/l #	34
30) Chloroform	5.172	83	80595	13.386	ug/l #	25
31) Cyclohexane	5.471	56	1409058	255.769	ug/l	99
36) 1,1-Dichloropropene	5.550	75	22755	4.894	ug/l #	50
37) Ethyl Acetate	4.782	43	4696	0.924	ug/l #	1
38) Carbon Tetrachloride	5.550	117	28690	6.202	ug/l #	15
39) Methylcyclohexane	7.379	83	954338	171.500	ug/l	92
40) Benzene	6.044	78	90679	6.666	ug/l	98
41) Methacrylonitrile	4.952	41	22257	7.995	ug/l #	24
43) Isopropyl Acetate	6.361	43	38883	4.518	ug/l #	65
45) 1,2-Dichloropropane	7.379	63	13738	3.868	ug/l #	1
46) Dibromomethane	7.562	93	2236	0.926	ug/l #	1
47) Bromodichloromethane	7.775	83	6553	1.402	ug/l #	76
48) Methyl methacrylate	7.653	41	114414	27.644	ug/l #	59
51) 4-Methyl-2-Pentanone	8.604	43	12083	2.420	ug/l #	37
52) Toluene	8.720	92	2755640	327.214	ug/l	96
53) t-1,3-Dichloropropene	8.720	75	35685	6.778	ug/l #	1
55) 1,1,2-Trichloroethane	9.208	97	2798	0.837	ug/l #	33
56) Ethyl methacrylate	9.104	69	17894	3.261	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.196	63	2496	0.883	ug/l #	47
59) 2-Hexanone	9.439	43	7014	1.818	ug/l	83
65) Chlorobenzene	10.080	112	2992	0.316	ug/l	89
67) Ethyl Benzene	10.195	91	9673437	571.120	ug/l #	83

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

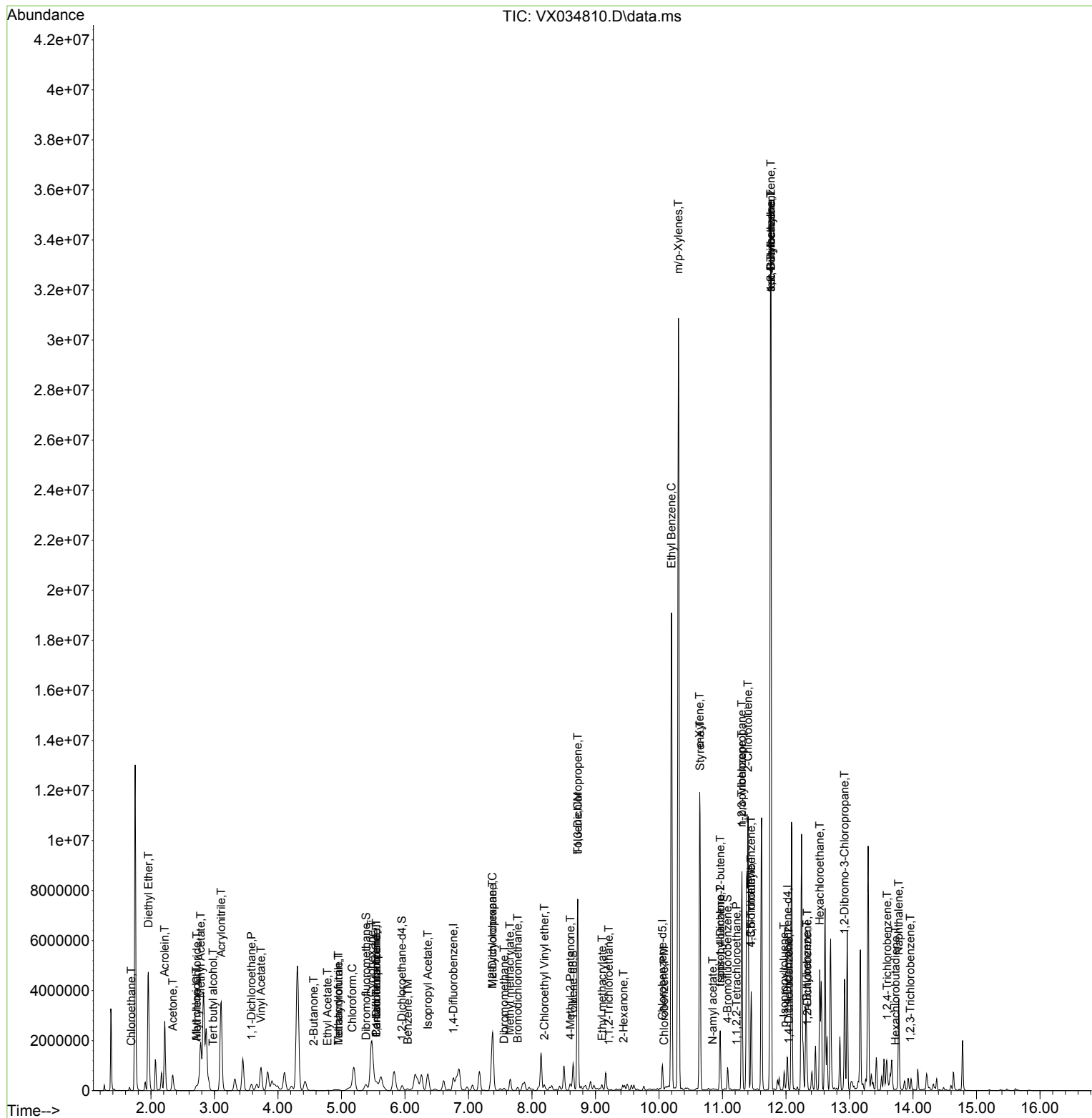
68) m/p-Xylenes	10.305	106	7686539	1181.367	ug/l	75
69) o-Xylene	10.640	106	2530653	387.572	ug/l	95
70) Styrene	10.647	104	144778	13.743	ug/l #	1
73) Isopropylbenzene	10.964	105	1188264	66.083	ug/l	99
74) N-amyl acetate	10.848	43	2014	0.234	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.220	83	1213	0.202	ug/l #	25
76) 1,2,3-Trichloropropane	11.305	75	36446	6.822	ug/l #	1
78) n-propylbenzene	11.305	91	4897855	235.853	ug/l	97
79) 2-Chlorotoluene	11.402	91	1172880	91.450	ug/l #	43
80) 1,3,5-Trimethylbenzene	11.451	105	1571929	104.224	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.964	75	15256	7.726	ug/l #	68
82) 4-Chlorotoluene	11.451	91	181865	12.311	ug/l #	47
83) tert-Butylbenzene	11.762	119	2506956	164.859	ug/l #	57
84) 1,2,4-Trimethylbenzene	11.762	105	13517100	876.936	ug/l	77
85) sec-Butylbenzene	11.762	105	13516910	727.078	ug/l #	56
86) p-Isopropyltoluene	11.969	119	308181	19.724	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	2078	0.243	ug/l #	54
89) n-Butylbenzene	12.329	91	517225	37.237	ug/l #	31
90) Hexachloroethane	12.530	117	188581	65.228	ug/l #	16
91) 1,2-Dichlorobenzene	12.335	146	5347	0.655	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.921	75	15011	11.011	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	2574	0.504	ug/l #	1
94) Hexachlorobutadiene	13.725	225	1267	0.616	ug/l	93
95) Naphthalene	13.774	128	2095112	122.305	ug/l	98
96) 1,2,3-Trichlorobenzene	13.957	180	1996	0.400	ug/l #	1

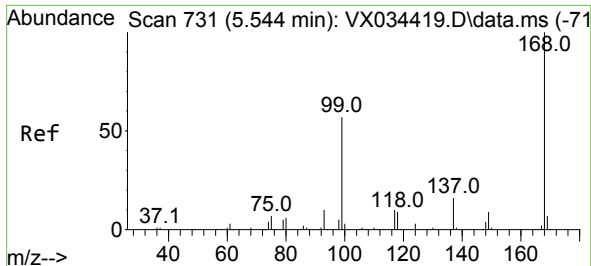
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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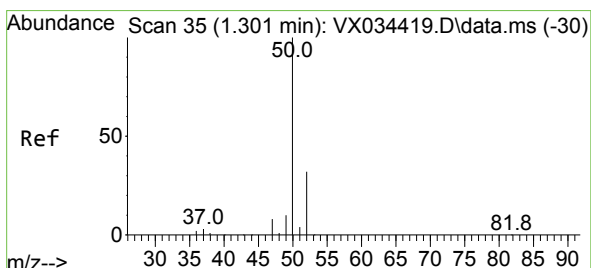
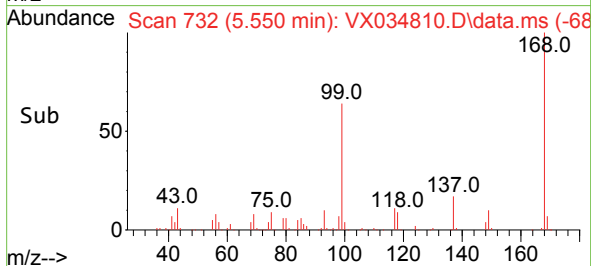
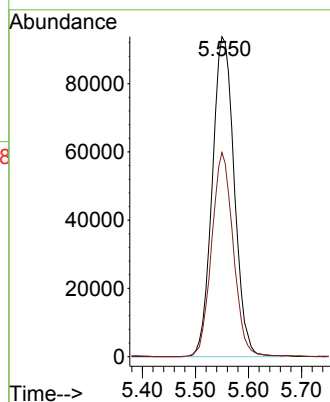
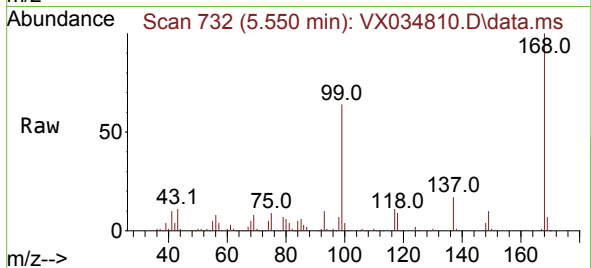




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
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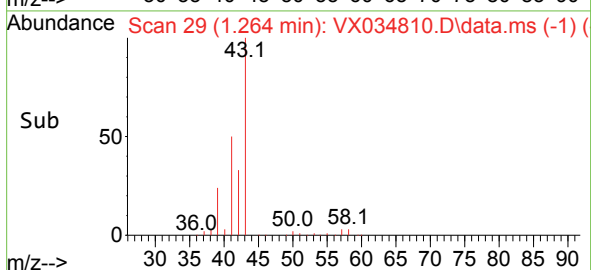
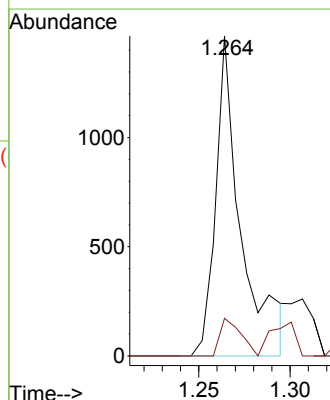
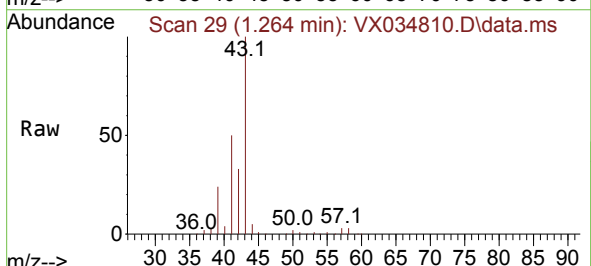
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MSVOA_X
ClientSampleId :
MW-5B

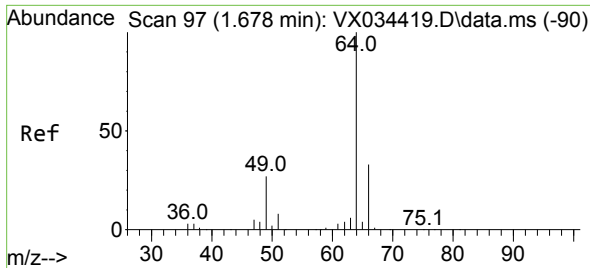
Tgt Ion:168 Resp: 270017
Ion Ratio Lower Upper
168 100
99 63.8 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.264 min Scan# 29
Delta R.T. -0.037 min
Lab File: VX034810.D
Acq: 28 Mar 2023 21:51

Tgt Ion: 50 Resp: 1411
Ion Ratio Lower Upper
50 100
52 11.7 25.9 38.9#

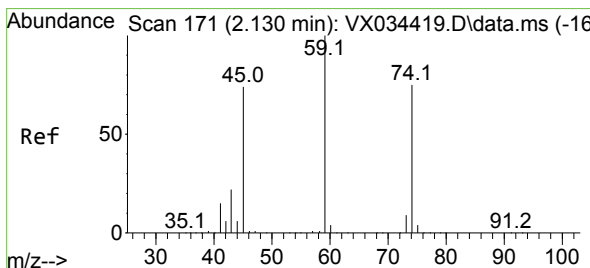
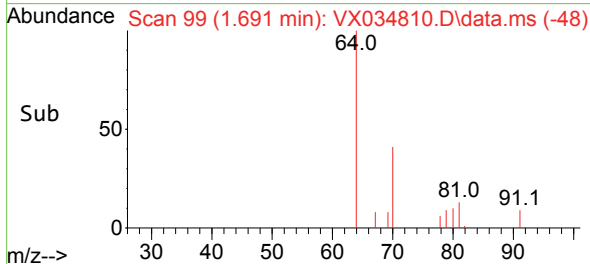
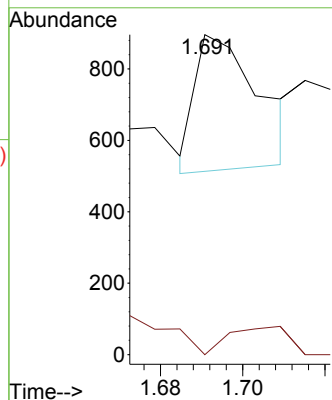
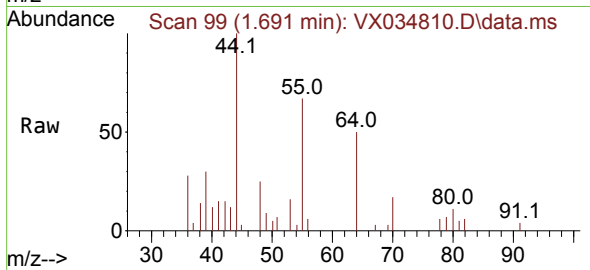




#6
Chloroethane
Concen: 0.207 ug/l
RT: 1.691 min Scan# 91
Delta R.T. 0.013 min
Lab File: VX034810.D
Acq: 28 Mar 2023 21:51

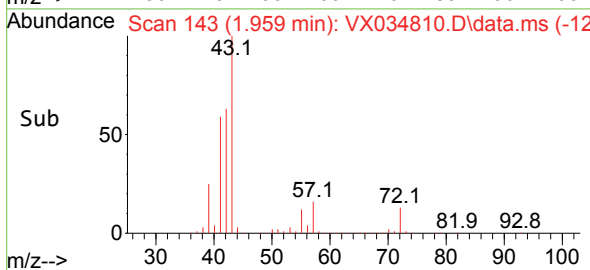
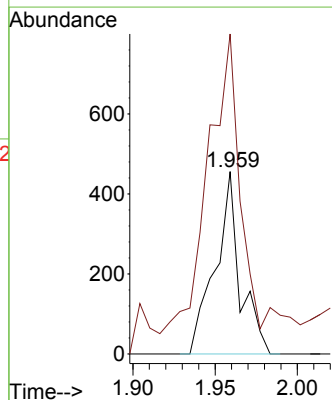
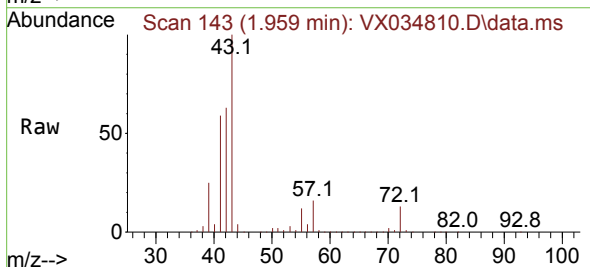
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

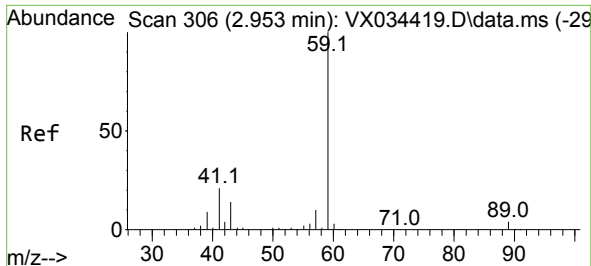
Tgt Ion: 64 Resp: 409
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#8
Diethyl Ether
Concen: 0.254 ug/l
RT: 1.959 min Scan# 143
Delta R.T. -0.171 min
Lab File: VX034810.D
Acq: 28 Mar 2023 21:51

Tgt Ion: 74 Resp: 478
Ion Ratio Lower Upper
74 100
45 218.6 49.8 149.3#





#11

Tert butyl alcohol

Concen: 0.834 ug/l

RT: 2.977 min Scan# 31

Delta R.T. 0.025 min

Lab File: VX034810.D

Acq: 28 Mar 2023 21:51

Instrument :

MSVOA_X

ClientSampleId :

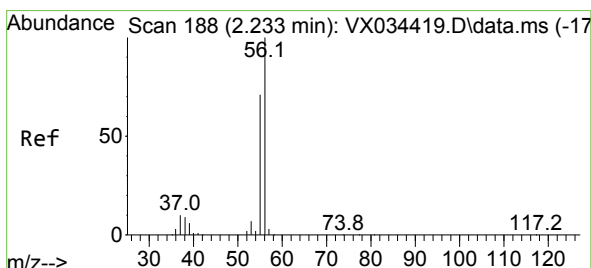
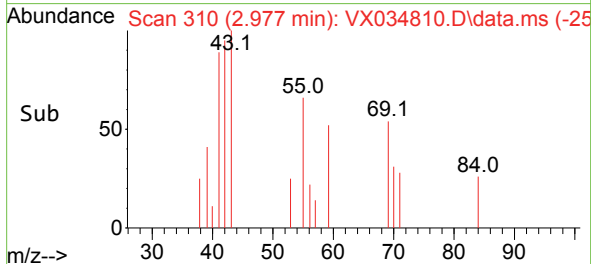
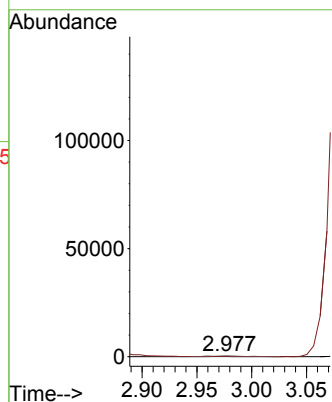
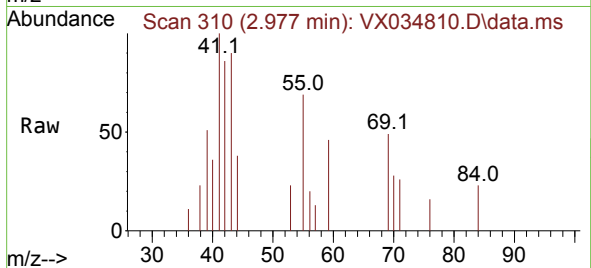
MW-5B

Tgt Ion: 59 Resp: 682

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#13

Acrolein

Concen: 100.286 ug/l

RT: 2.215 min Scan# 185

Delta R.T. -0.018 min

Lab File: VX034810.D

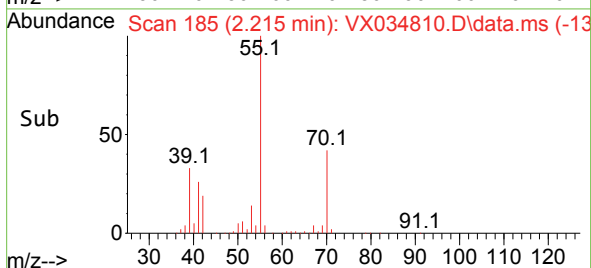
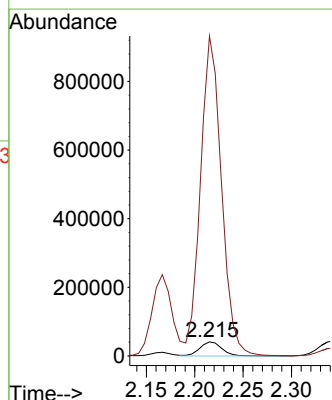
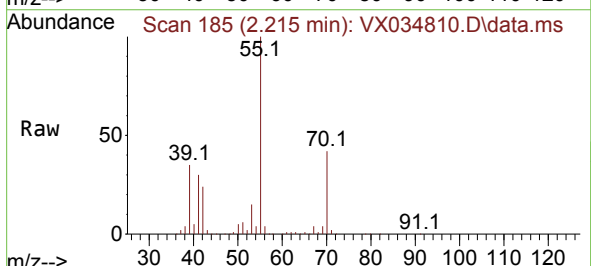
Acq: 28 Mar 2023 21:51

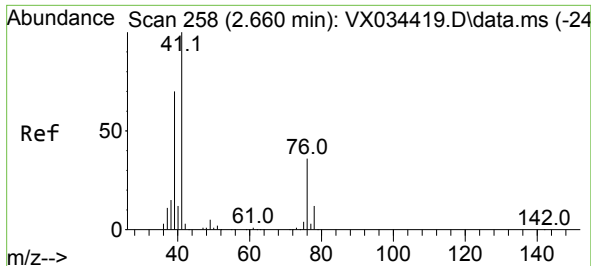
Tgt Ion: 56 Resp: 64898

Ion Ratio Lower Upper

56 100

55 2164.7 56.6 85.0#

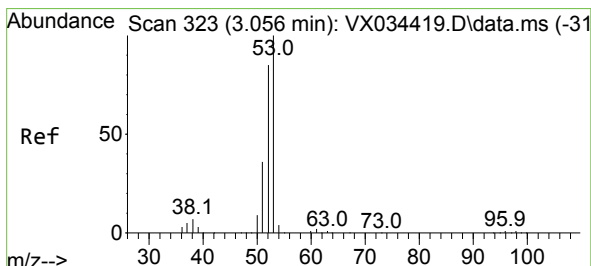
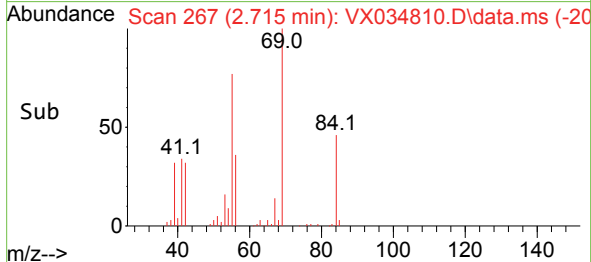
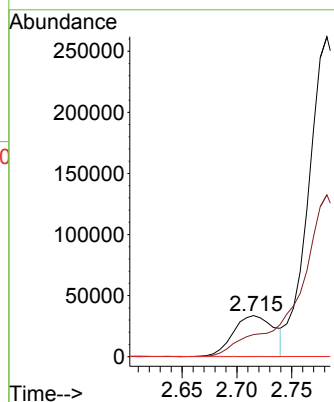
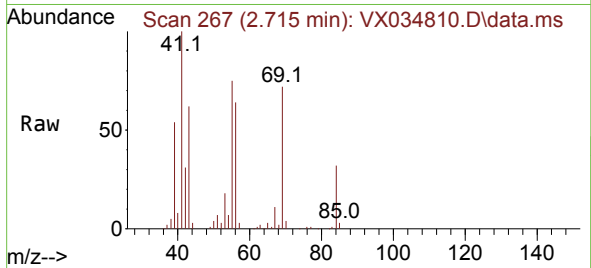




#14
 Allyl chloride
 Concen: 14.773 ug/l
 RT: 2.715 min Scan# 2
 Delta R.T. 0.055 min
 Lab File: VX034810.D
 Acq: 28 Mar 2023 21:51

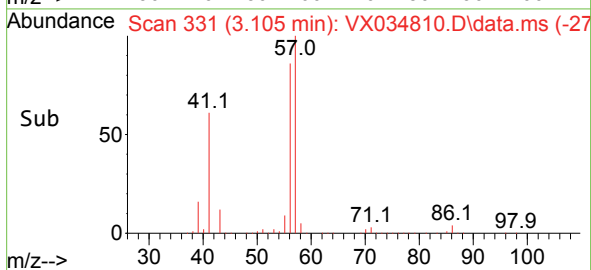
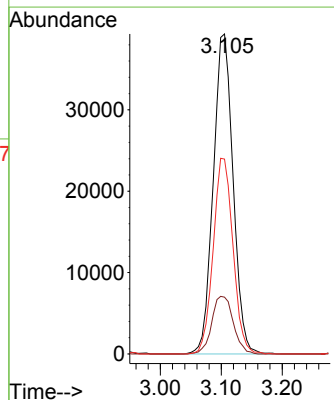
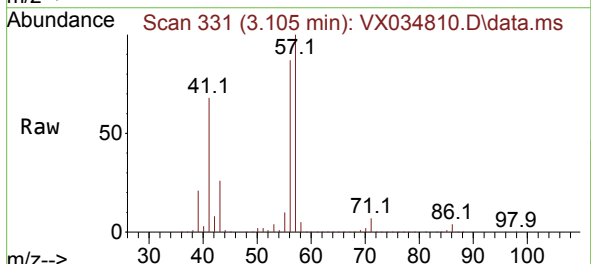
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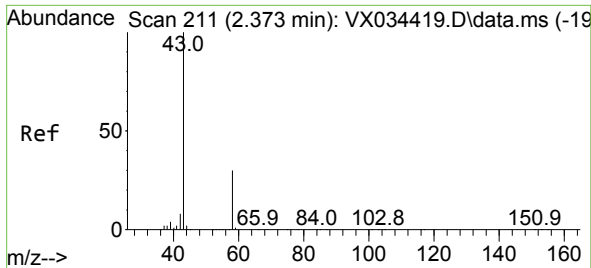
Tgt Ion: 41 Resp: 88534
 Ion Ratio Lower Upper
 41 100
 39 0.0 52.4 78.6#
 76 0.0 26.0 39.0#



#15
 Acrylonitrile
 Concen: 50.301 ug/l
 RT: 3.105 min Scan# 331
 Delta R.T. 0.049 min
 Lab File: VX034810.D
 Acq: 28 Mar 2023 21:51

Tgt Ion: 53 Resp: 88885
 Ion Ratio Lower Upper
 53 100
 52 19.6 66.2 99.2#
 51 61.1 28.3 42.5#

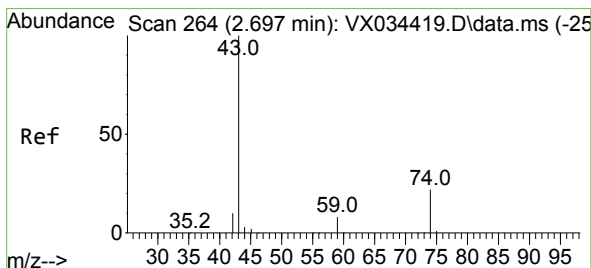
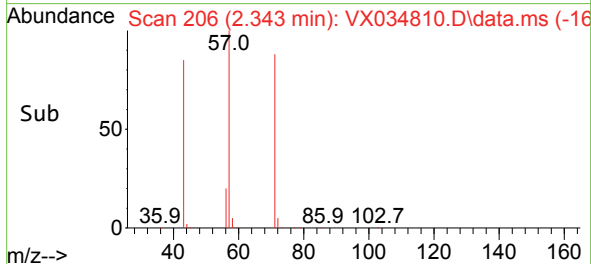
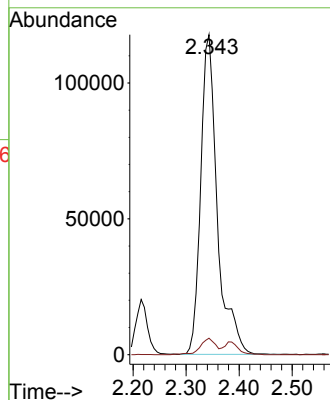
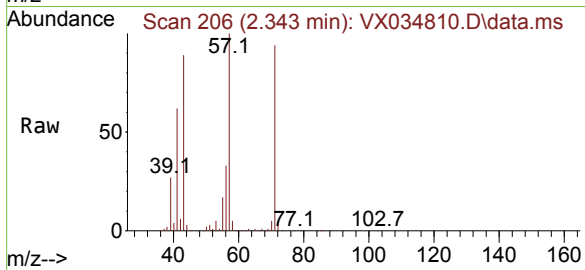




#16
Acetone
Concen: 138.671 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.030 min
Lab File: VX034810.D
Acq: 28 Mar 2023 21:51

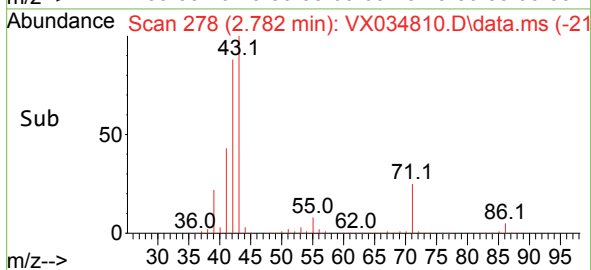
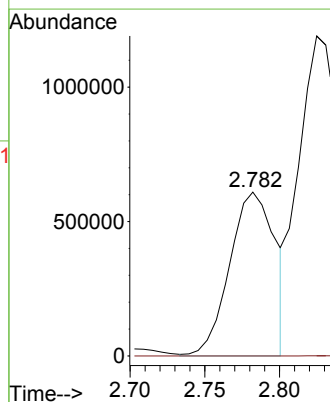
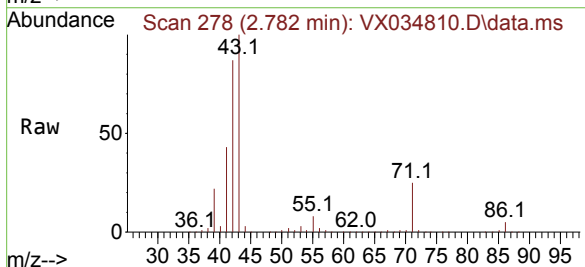
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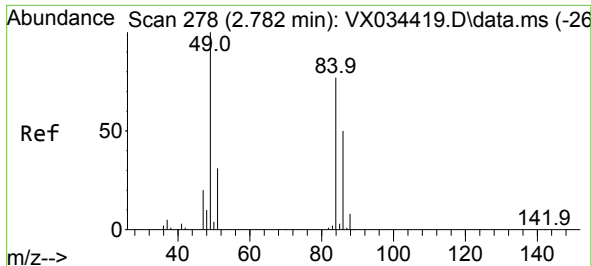
Tgt Ion: 43 Resp: 256594
Ion Ratio Lower Upper
43 100
58 5.2 24.7 37.1#



#18
Methyl Acetate
Concen: 212.981 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.085 min
Lab File: VX034810.D
Acq: 28 Mar 2023 21:51

Tgt Ion: 43 Resp: 1287708
Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#

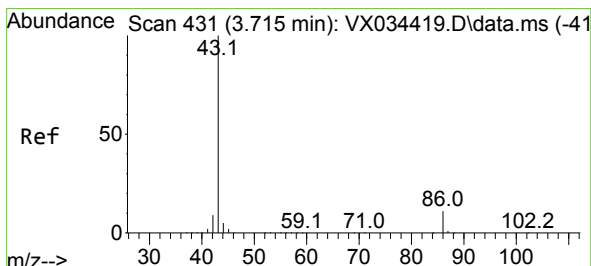
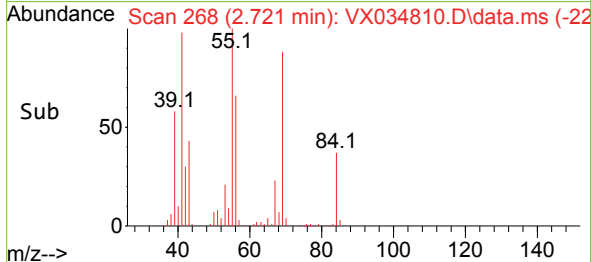
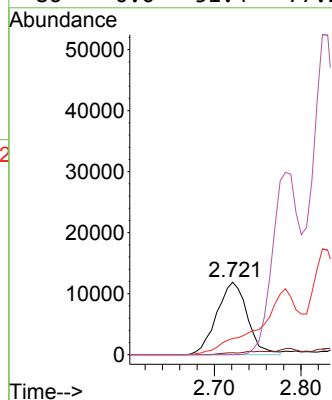
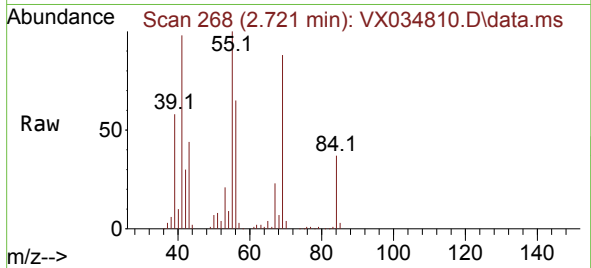




#20
Methylene Chloride
Concen: 8.111 ug/l
RT: 2.721 min Scan# 20
Delta R.T. -0.061 min
Lab File: VX034810.D
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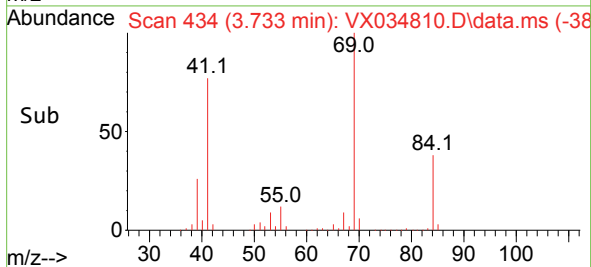
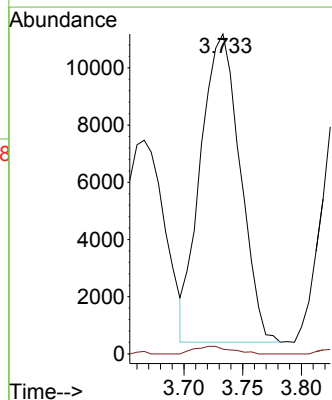
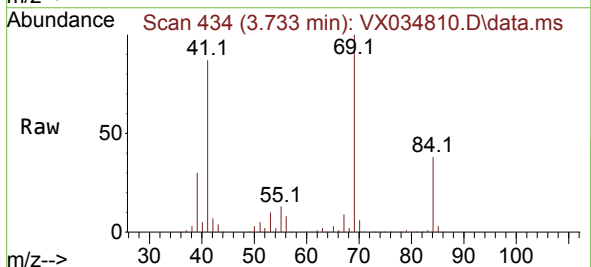
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

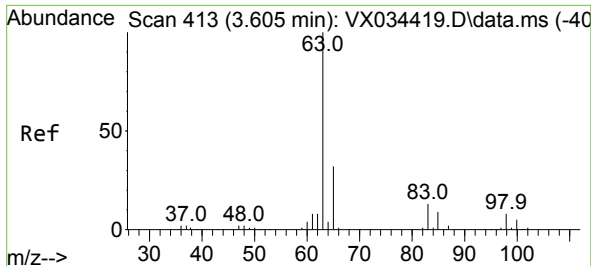
Tgt Ion: 84 Resp: 29129
Ion Ratio Lower Upper
84 100
49 2.7 103.8 155.8#
51 22.6 31.8 47.8#
86 0.0 51.4 77.2#



#23
Vinyl Acetate
Concen: 2.903 ug/l
RT: 3.733 min Scan# 434
Delta R.T. 0.018 min
Lab File: VX034810.D
Acq: 28 Mar 2023 21:51

Tgt Ion: 43 Resp: 25243
Ion Ratio Lower Upper
43 100
86 1.5 8.5 12.7#

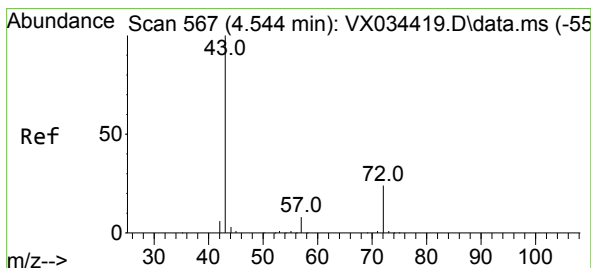
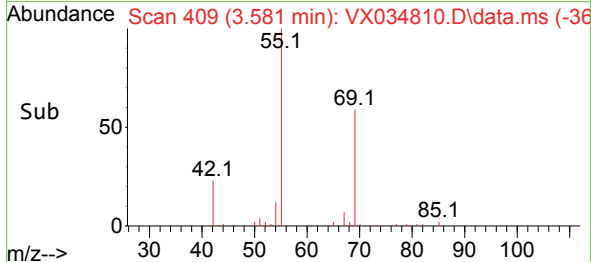
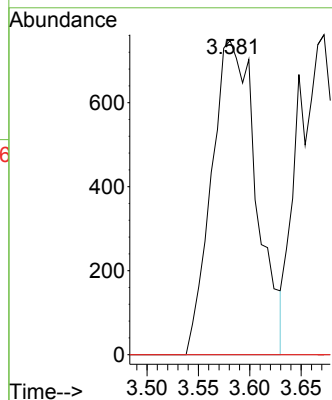
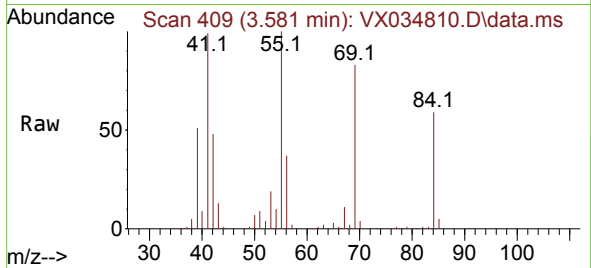




#24
1,1-Dichloroethane
Concen: 0.370 ug/l
RT: 3.581 min Scan# 409
Delta R.T. -0.024 min
Lab File: VX034810.D
Acq: 28 Mar 2023 21:51

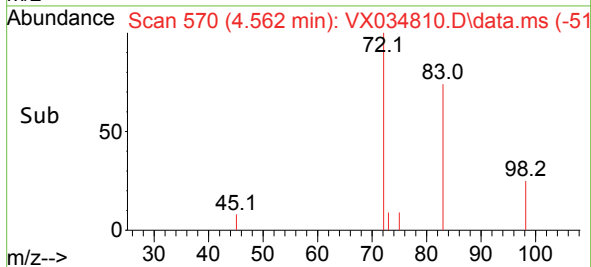
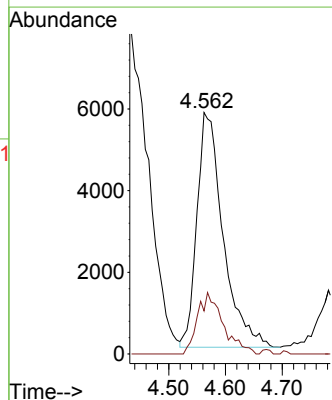
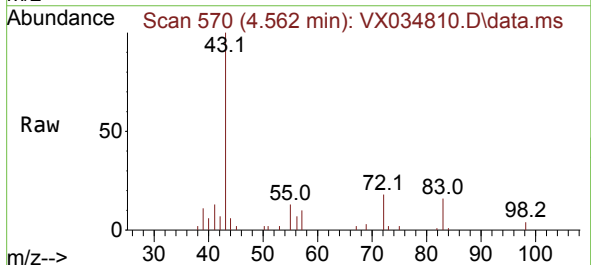
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

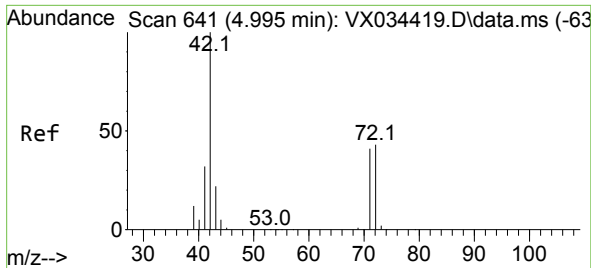
Tgt Ion: 63 Resp: 2270
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.2#
100 0.0 2.4 7.1#



#25
2-Butanone
Concen: 6.972 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.018 min
Lab File: VX034810.D
Acq: 28 Mar 2023 21:51

Tgt Ion: 43 Resp: 18458
Ion Ratio Lower Upper
43 100
72 18.4 19.3 28.9#





#29

Tetrahydrofuran

Concen: 0.802 ug/l

RT: 4.952 min Scan# 61

Delta R.T. -0.043 min

Lab File: VX034810.D

Acq: 28 Mar 2023 21:51

Instrument :

MSVOA_X

ClientSampleId :

MW-5B

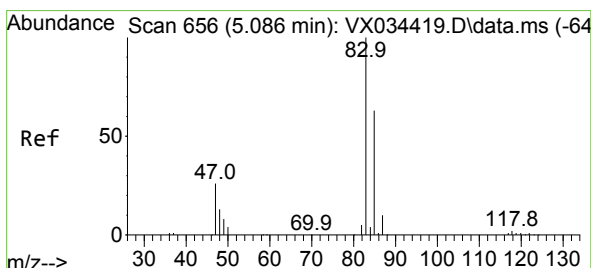
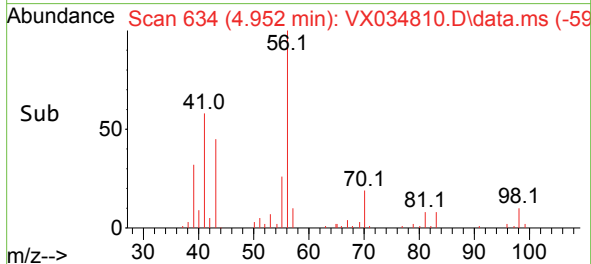
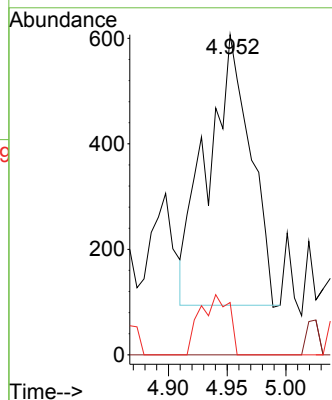
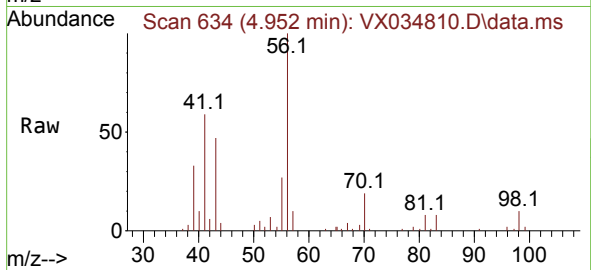
Tgt Ion: 42 Resp: 1310

Ion Ratio Lower Upper

42 100

72 0.0 34.5 51.7#

71 0.0 32.1 48.1#



#30

Chloroform

Concen: 13.386 ug/l

RT: 5.172 min Scan# 670

Delta R.T. 0.085 min

Lab File: VX034810.D

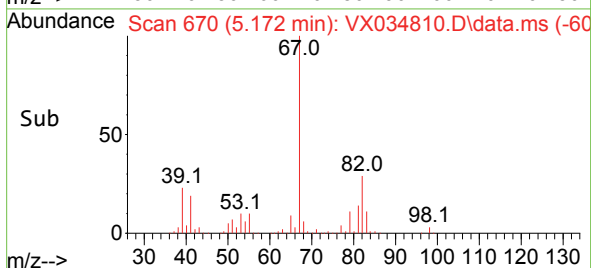
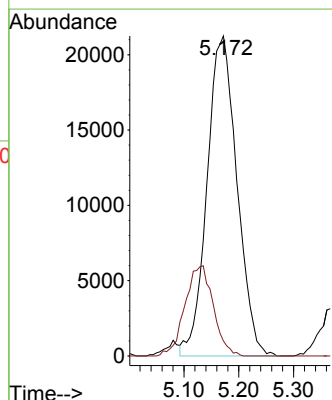
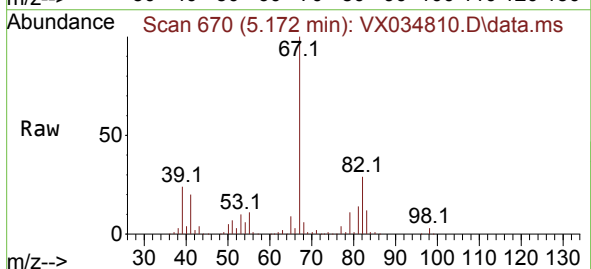
Acq: 28 Mar 2023 21:51

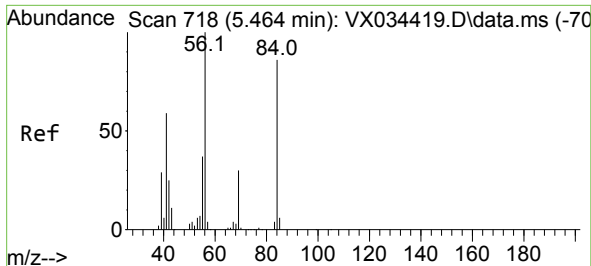
Tgt Ion: 83 Resp: 80595

Ion Ratio Lower Upper

83 100

85 4.7 50.6 76.0#

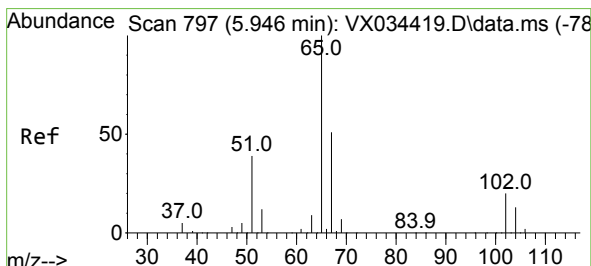
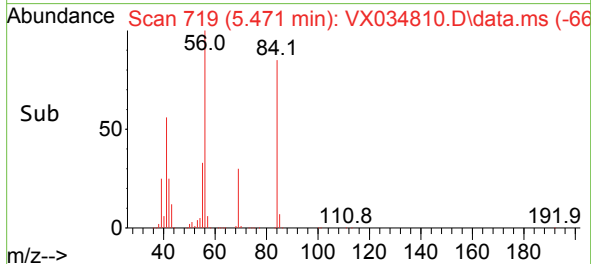
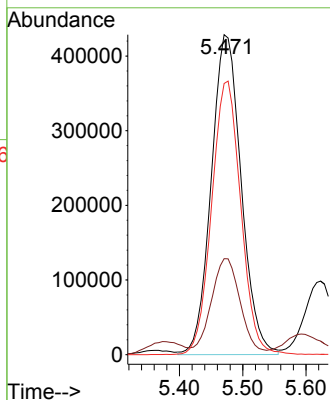
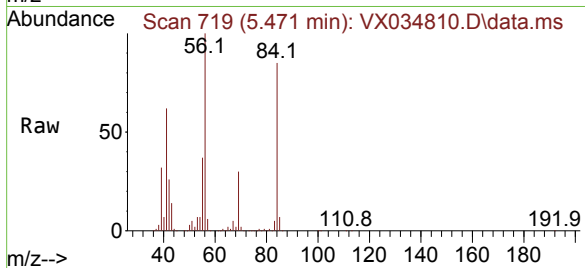




#31
Cyclohexane
Concen: 255.769 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX034810.D
Acq: 28 Mar 2023 21:51

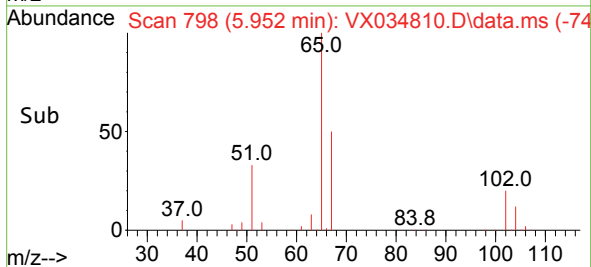
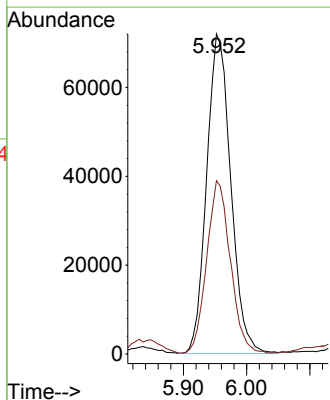
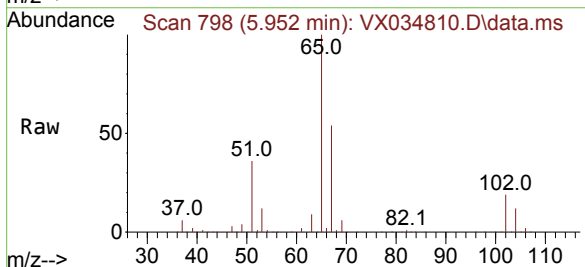
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

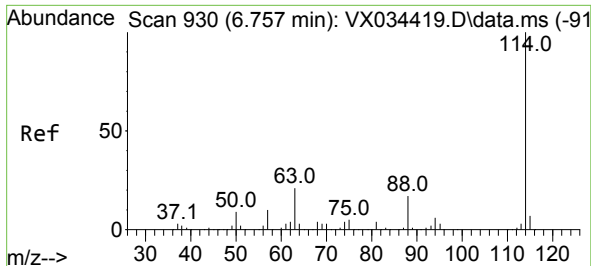
Tgt Ion: 56 Resp: 1409058
Ion Ratio Lower Upper
56 100
69 27.8 23.7 35.5
84 85.2 68.5 102.7



#33
1,2-Dichloroethane-d4
Concen: 48.602 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034810.D
Acq: 28 Mar 2023 21:51

Tgt Ion: 65 Resp: 190917
Ion Ratio Lower Upper
65 100
67 52.7 0.0 104.0

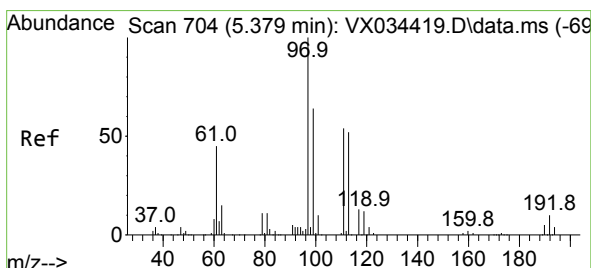
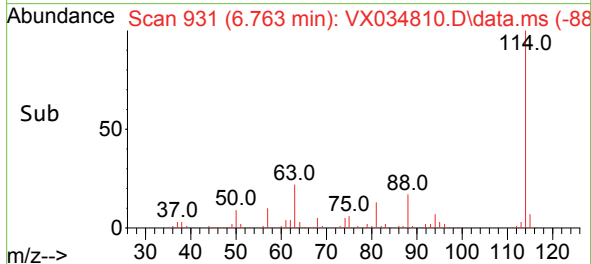
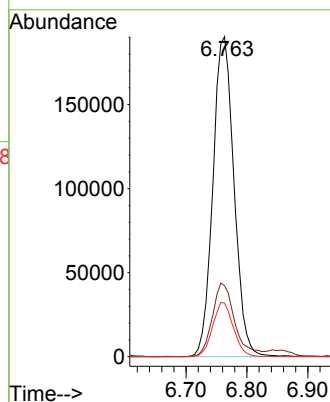
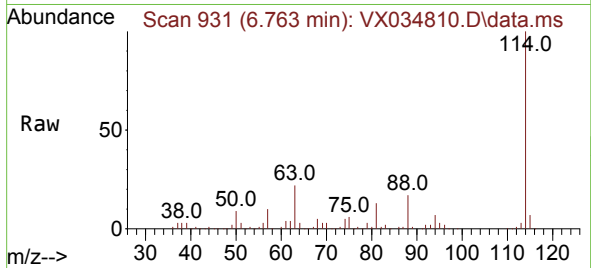




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034810.D
Acq: 28 Mar 2023 21:51

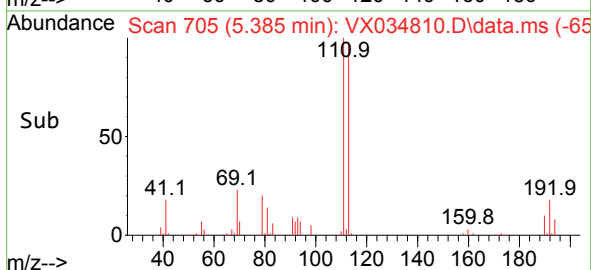
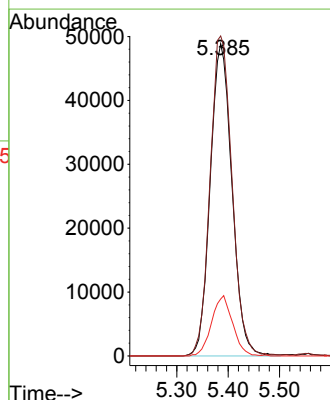
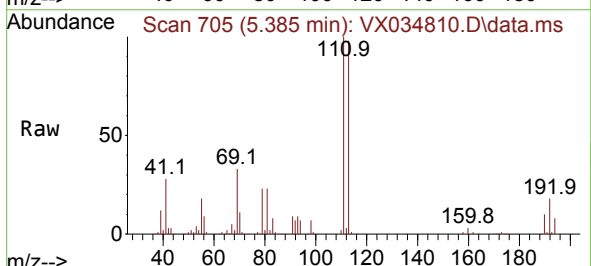
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

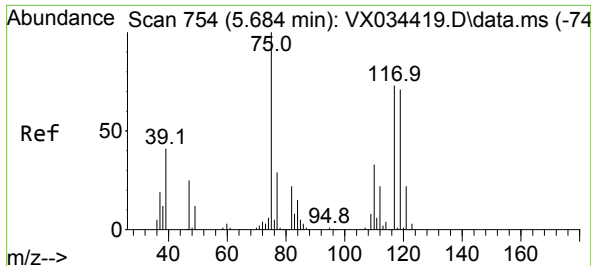
Tgt Ion:114 Resp: 458525
Ion Ratio Lower Upper
114 100
63 22.1 0.0 42.2
88 16.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.418 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034810.D
Acq: 28 Mar 2023 21:51

Tgt Ion:113 Resp: 143553
Ion Ratio Lower Upper
113 100
111 103.7 83.7 125.5
192 18.7 15.4 23.2

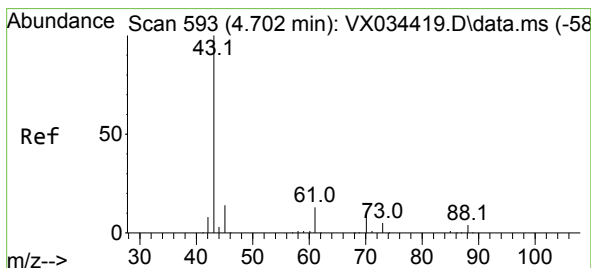
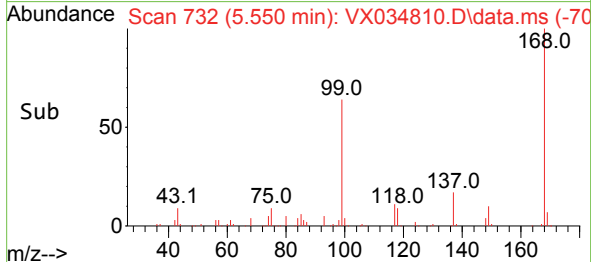
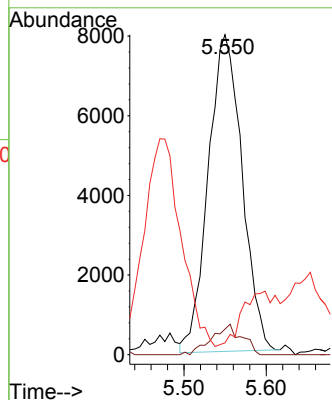
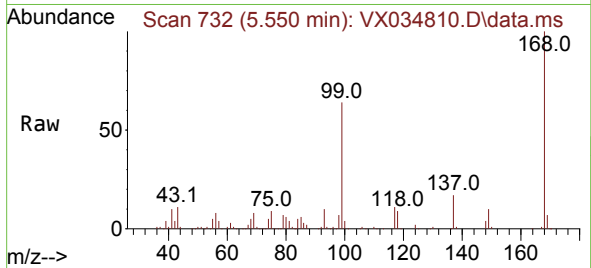




#36
1,1-Dichloropropene
Concen: 4.894 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX034810.D
Acq: 28 Mar 2023 21:51

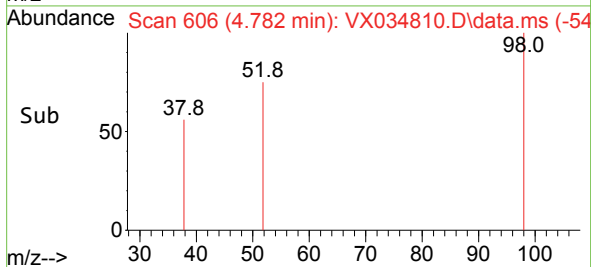
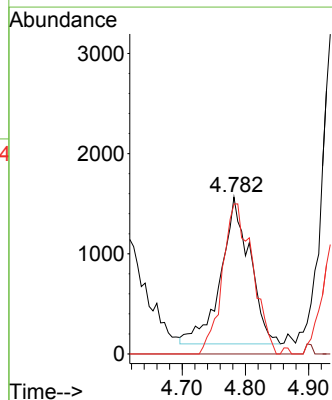
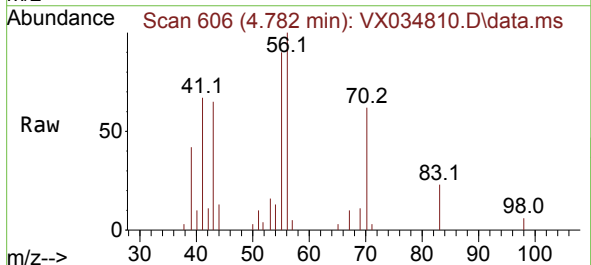
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

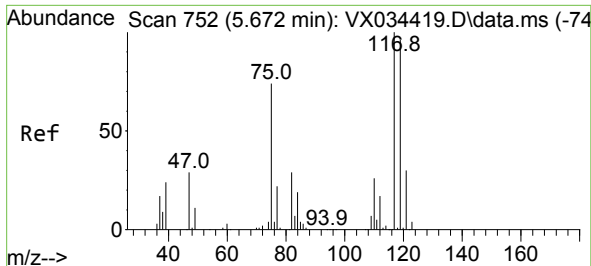
Tgt Ion: 75 Resp: 22755
Ion Ratio Lower Upper
75 100
110 8.5 17.5 52.5#
77 0.0 24.3 36.5#



#37
Ethyl Acetate
Concen: 0.924 ug/l
RT: 4.782 min Scan# 606
Delta R.T. 0.079 min
Lab File: VX034810.D
Acq: 28 Mar 2023 21:51

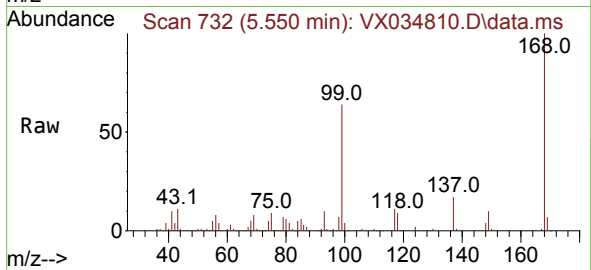
Tgt Ion: 43 Resp: 4696
Ion Ratio Lower Upper
43 100
61 0.0 10.2 15.4#
70 105.5 8.2 12.4#



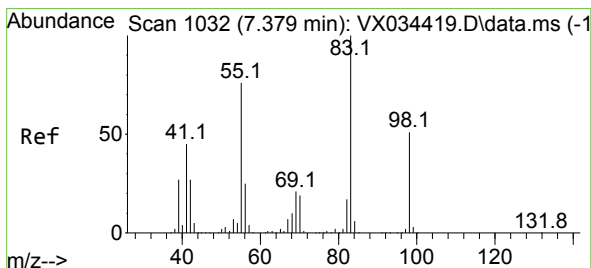
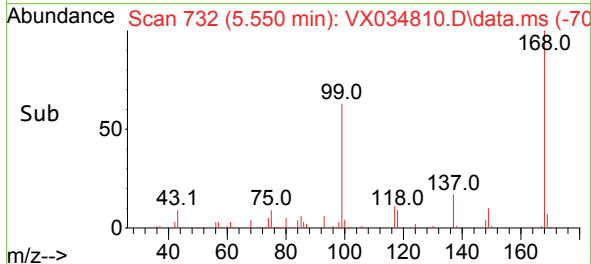
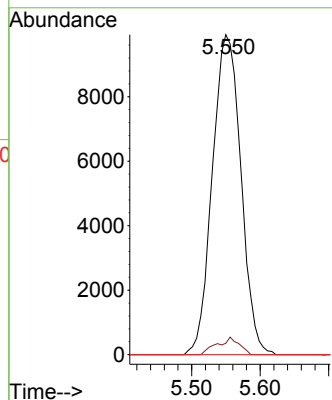


#38
Carbon Tetrachloride
Concen: 6.202 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX034810.D
Acq: 28 Mar 2023 21:51

Instrument :
MSVOA_X
ClientSampleId :
MW-5B

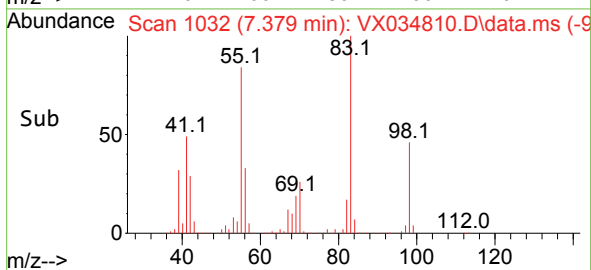
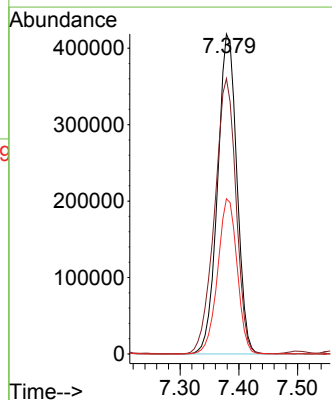
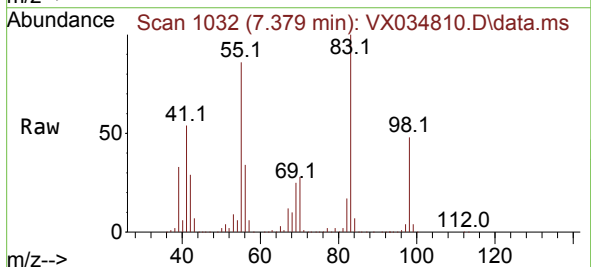


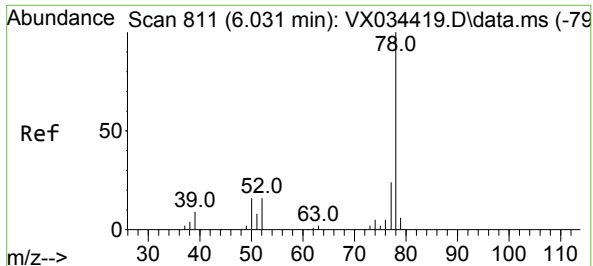
Tgt Ion:117 Resp: 28690
Ion Ratio Lower Upper
117 100
119 3.5 76.6 114.8#
121 0.0 23.8 35.6#



#39
Methylcyclohexane
Concen: 171.500 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX034810.D
Acq: 28 Mar 2023 21:51

Tgt Ion: 83 Resp: 954338
Ion Ratio Lower Upper
83 100
55 86.0 60.5 90.7
98 48.5 40.4 60.6

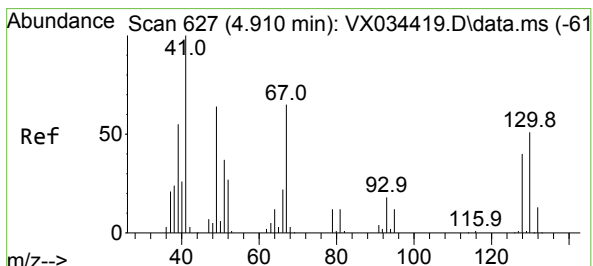
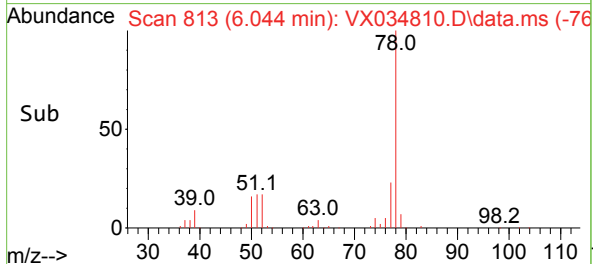
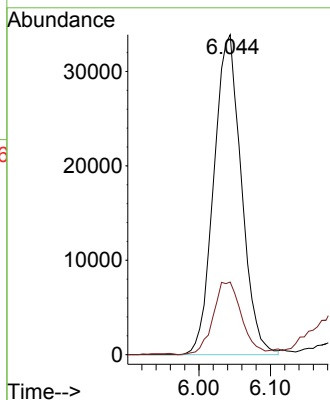
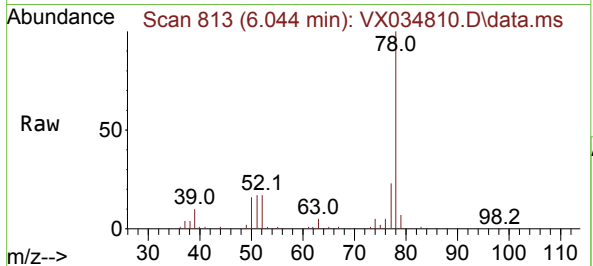




#40
Benzene
Concen: 6.666 ug/l
RT: 6.044 min Scan# 811
Delta R.T. 0.012 min
Lab File: VX034810.D
Acq: 28 Mar 2023 21:51

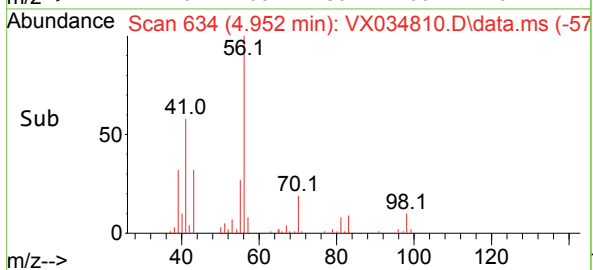
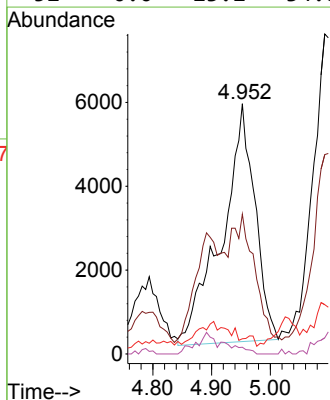
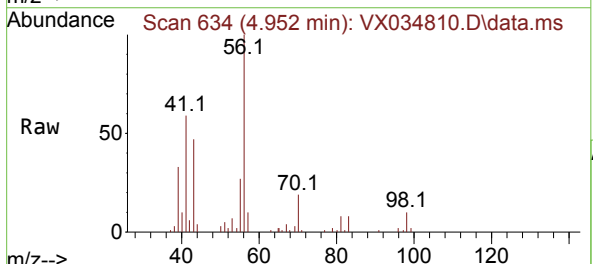
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

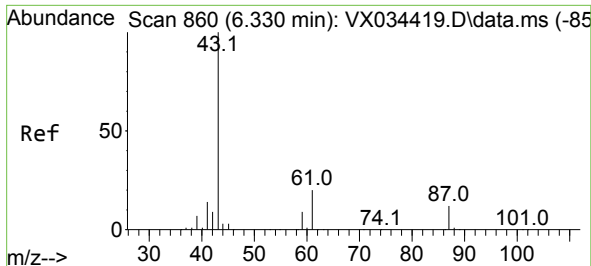
Tgt Ion: 78 Resp: 90679
Ion Ratio Lower Upper
78 100
77 22.7 19.0 28.4



#41
Methacrylonitrile
Concen: 7.995 ug/l
RT: 4.952 min Scan# 634
Delta R.T. 0.043 min
Lab File: VX034810.D
Acq: 28 Mar 2023 21:51

Tgt Ion: 41 Resp: 22257
Ion Ratio Lower Upper
41 100
39 0.0 45.0 67.6#
67 0.0 55.6 83.4#
52 0.0 23.2 34.8#

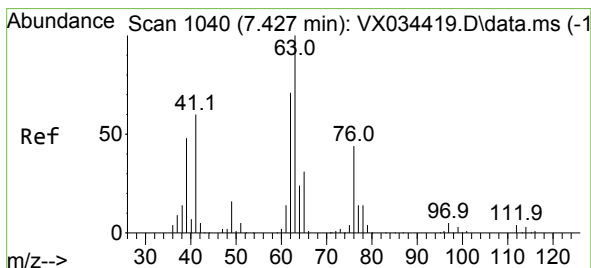
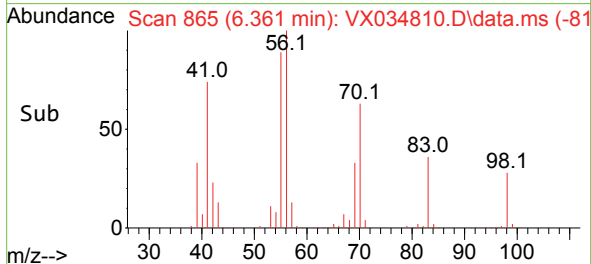
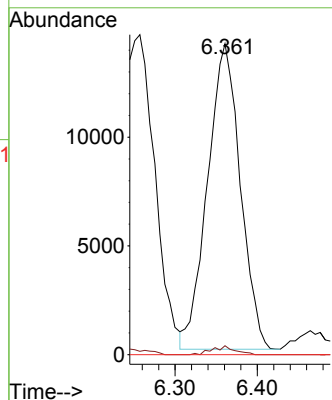
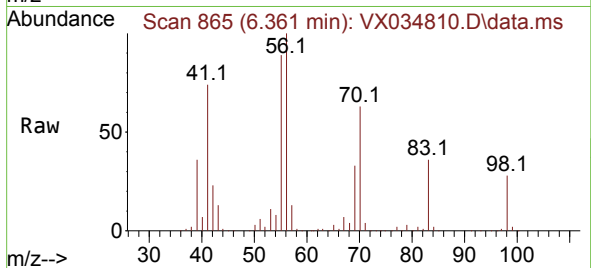




#43
Isopropyl Acetate
Concen: 4.518 ug/l
RT: 6.361 min Scan# 80
Delta R.T. 0.031 min
Lab File: VX034810.D
Acq: 28 Mar 2023 21:51

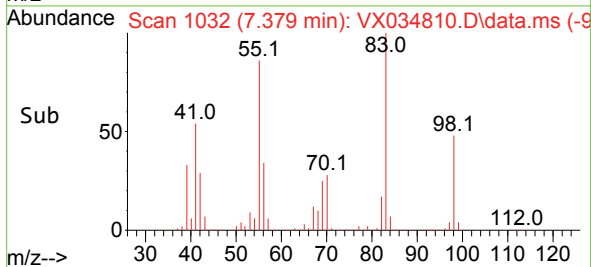
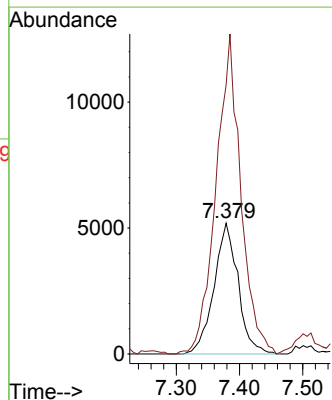
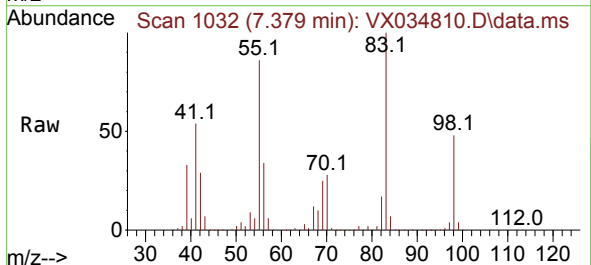
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

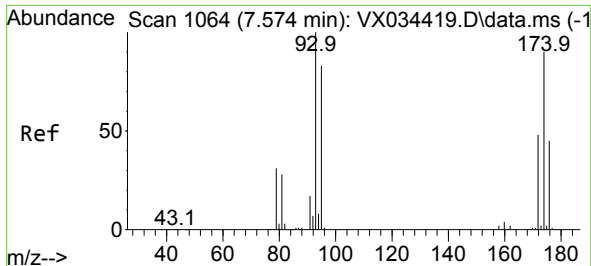
Tgt Ion: 43 Resp: 38883
Ion Ratio Lower Upper
43 100
61 2.0 15.2 22.8#
87 0.0 9.8 14.8#



#45
1,2-Dichloropropane
Concen: 3.868 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.049 min
Lab File: VX034810.D
Acq: 28 Mar 2023 21:51

Tgt Ion: 63 Resp: 13738
Ion Ratio Lower Upper
63 100
65 204.6 24.6 37.0#

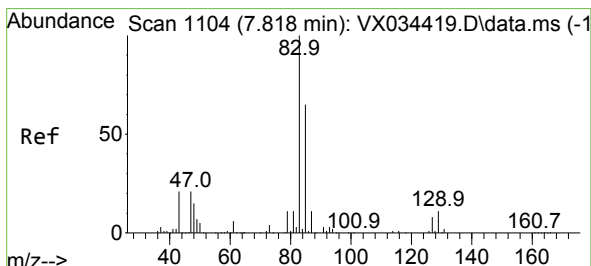
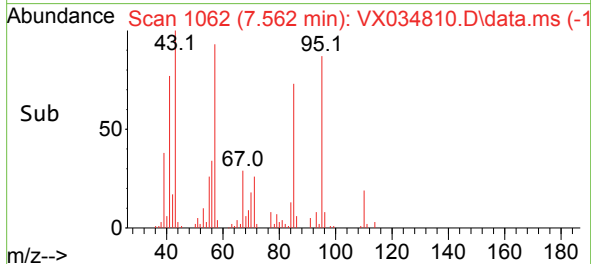
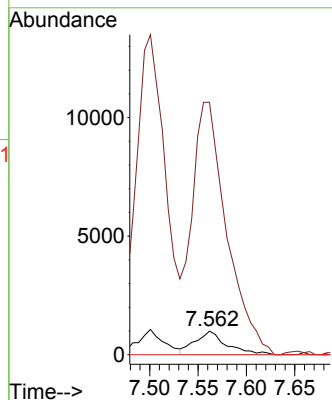
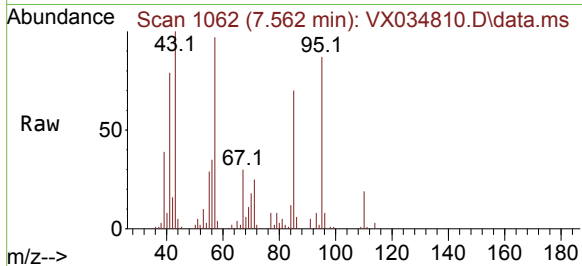




#46
Dibromomethane
Concen: 0.926 ug/l
RT: 7.562 min Scan# 1097
Delta R.T. -0.012 min
Lab File: VX034810.D
Acq: 28 Mar 2023 21:51

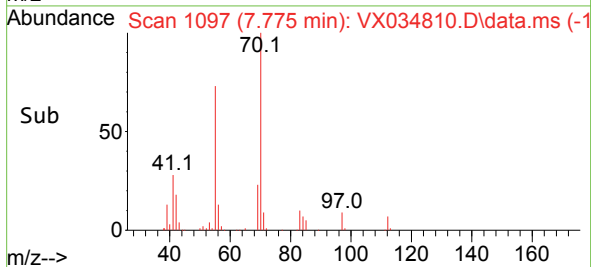
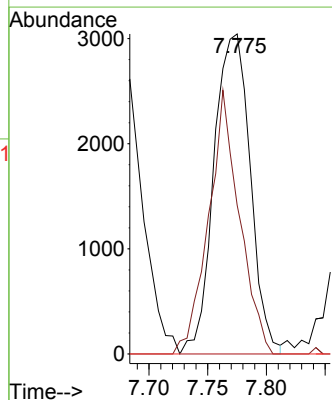
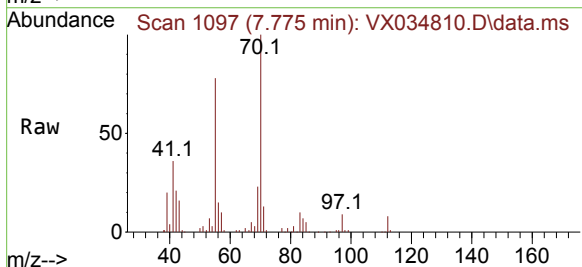
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

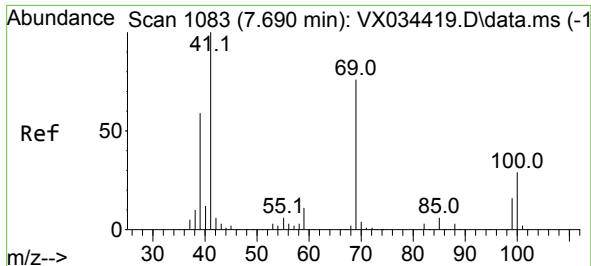
Tgt Ion: 93 Resp: 2236
Ion Ratio Lower Upper
93 100
95 1183.9 66.9 100.3#
174 0.0 75.4 113.0#



#47
Bromodichloromethane
Concen: 1.402 ug/l
RT: 7.775 min Scan# 1097
Delta R.T. -0.043 min
Lab File: VX034810.D
Acq: 28 Mar 2023 21:51

Tgt Ion: 83 Resp: 6553
Ion Ratio Lower Upper
83 100
85 46.5 52.2 78.4#
127 0.0 6.6 9.8#

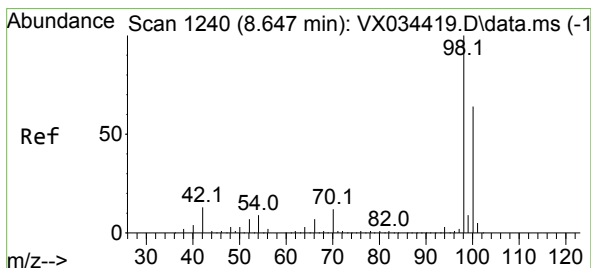
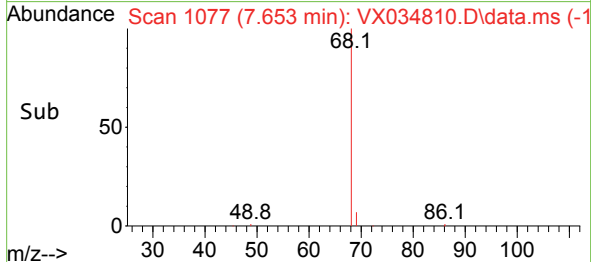
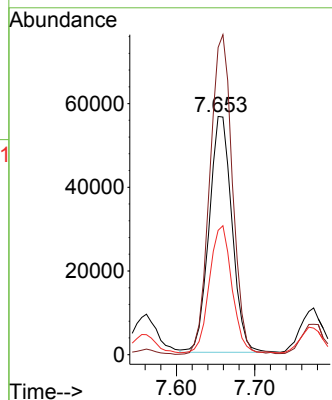
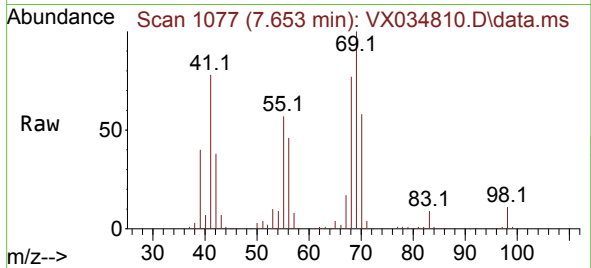




#48
Methyl methacrylate
Concen: 27.644 ug/l
RT: 7.653 min Scan# 1083
Delta R.T. -0.036 min
Lab File: VX034810.D
Acq: 28 Mar 2023 21:51

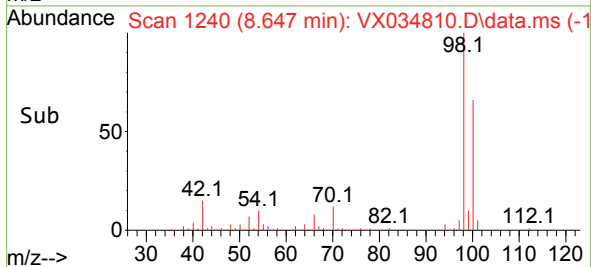
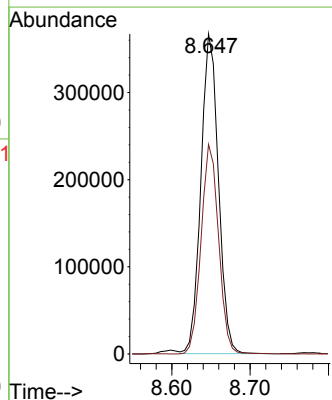
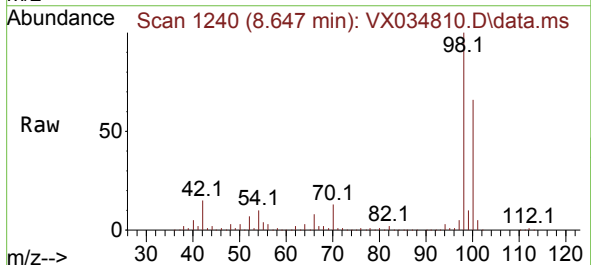
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

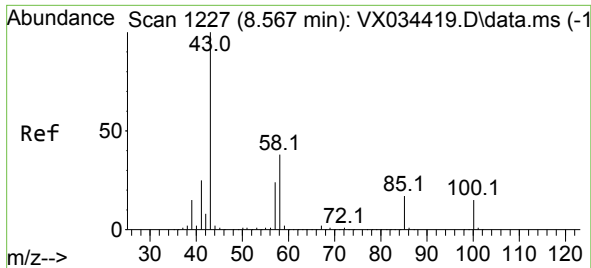
Tgt Ion: 41 Resp: 114414
Ion Ratio Lower Upper
41 100
69 133.8 62.2 93.4#
39 52.6 47.7 71.5



#50
Toluene-d8
Concen: 50.411 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034810.D
Acq: 28 Mar 2023 21:51

Tgt Ion: 98 Resp: 569718
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7

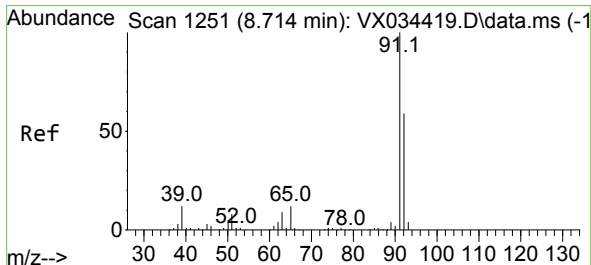
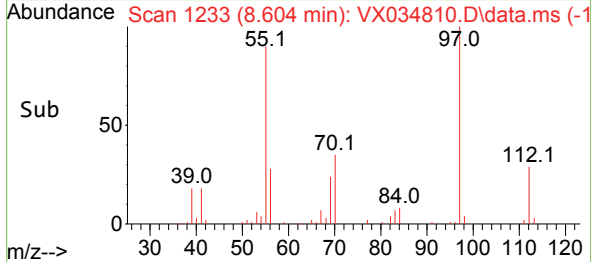
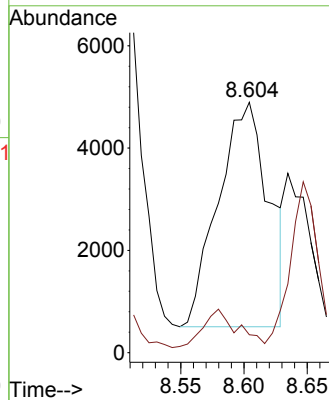
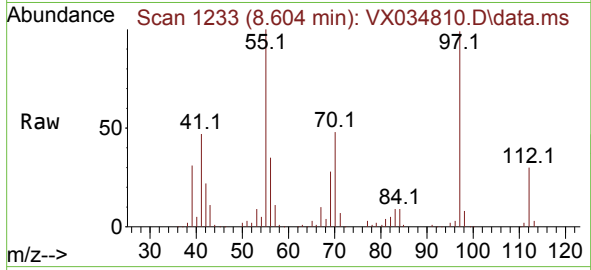




#51
4-Methyl-2-Pentanone
Concen: 2.420 ug/l
RT: 8.604 min Scan# 1233
Delta R.T. 0.037 min
Lab File: VX034810.D
Acq: 28 Mar 2023 21:51

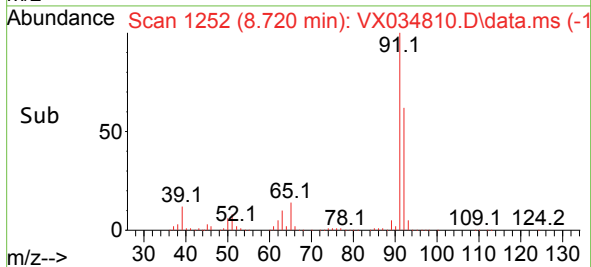
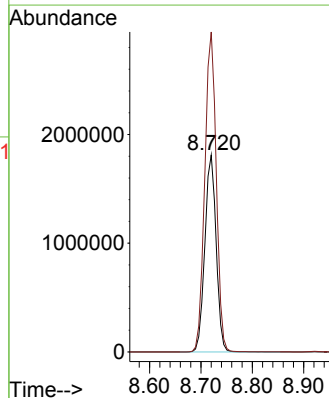
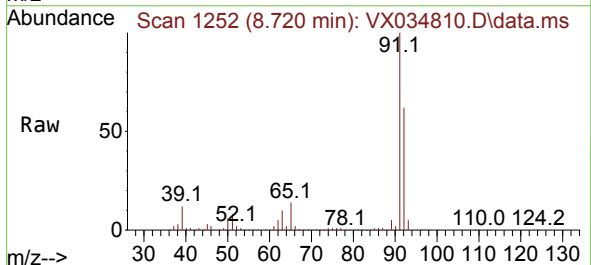
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

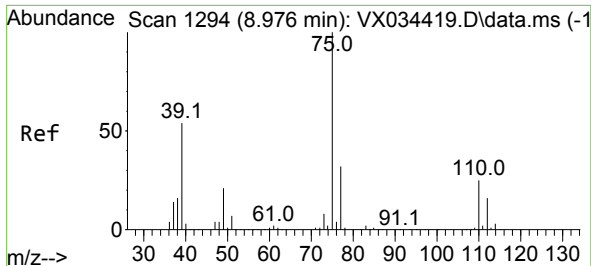
Tgt Ion: 43 Resp: 12083
Ion Ratio Lower Upper
43 100
58 0.0 30.6 46.0#



#52
Toluene
Concen: 327.214 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034810.D
Acq: 28 Mar 2023 21:51

Tgt Ion: 92 Resp: 2755640
Ion Ratio Lower Upper
92 100
91 165.3 136.8 205.2

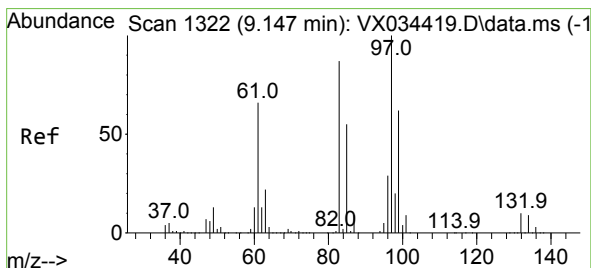
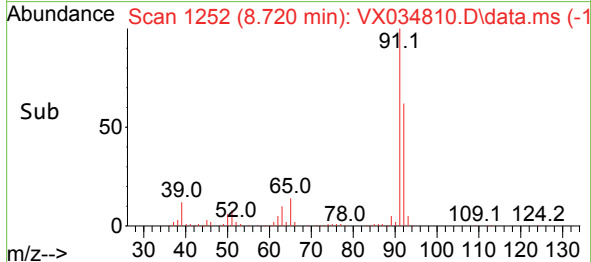
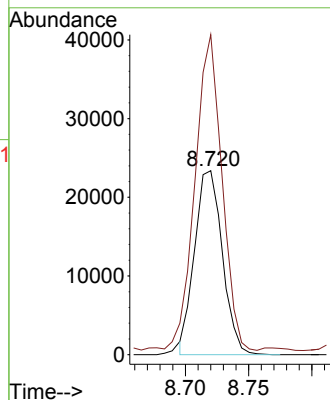
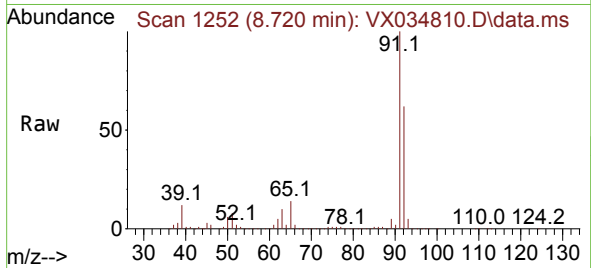




#53
t-1,3-Dichloropropene
Concen: 6.778 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.256 min
Lab File: VX034810.D
Acq: 28 Mar 2023 21:51

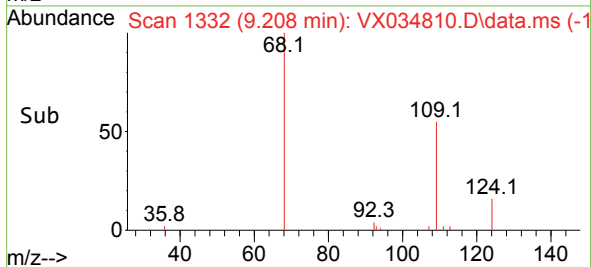
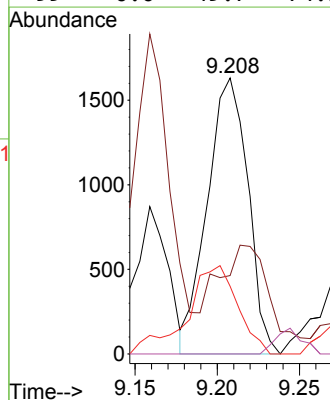
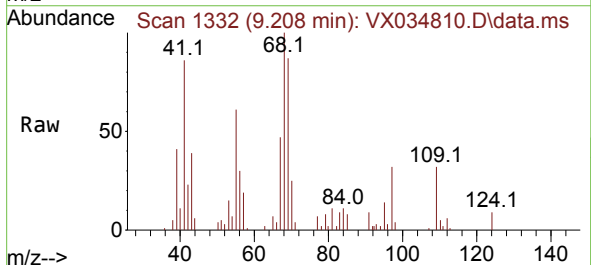
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

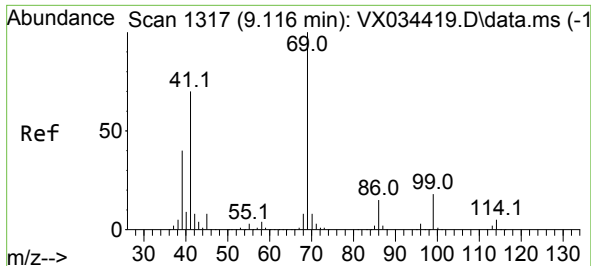
Tgt Ion: 75 Resp: 35685
Ion Ratio Lower Upper
75 100
77 170.6 25.4 38.2#



#55
1,1,2-Trichloroethane
Concen: 0.837 ug/l
RT: 9.208 min Scan# 1332
Delta R.T. 0.061 min
Lab File: VX034810.D
Acq: 28 Mar 2023 21:51

Tgt Ion: 97 Resp: 2798
Ion Ratio Lower Upper
97 100
83 20.3 69.7 104.5#
85 24.5 43.7 65.5#
99 0.0 49.7 74.5#

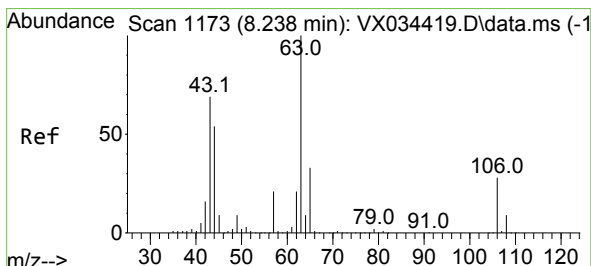
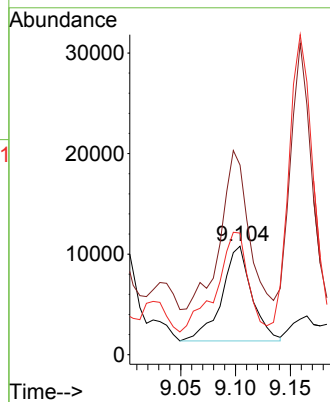
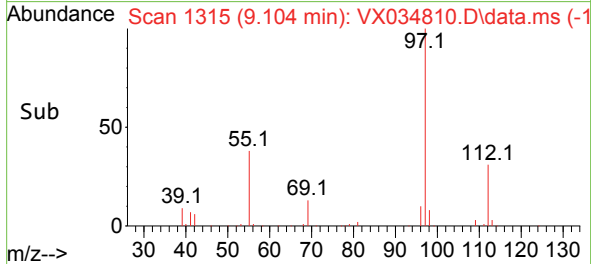
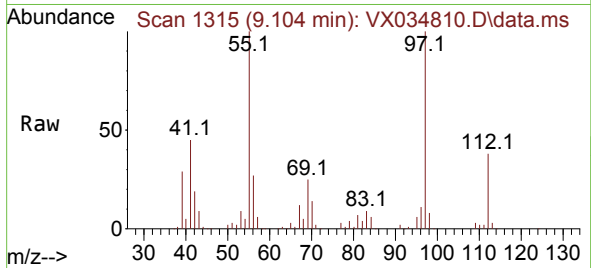




#56
Ethyl methacrylate
Concen: 3.261 ug/l
RT: 9.104 min Scan# 1166
Delta R.T. -0.012 min
Lab File: VX034810.D
Acq: 28 Mar 2023 21:51

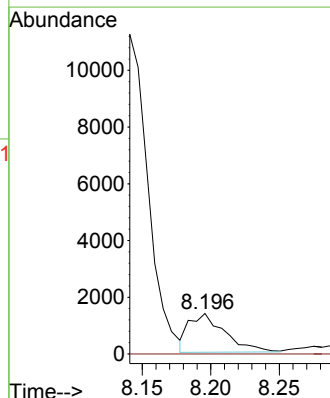
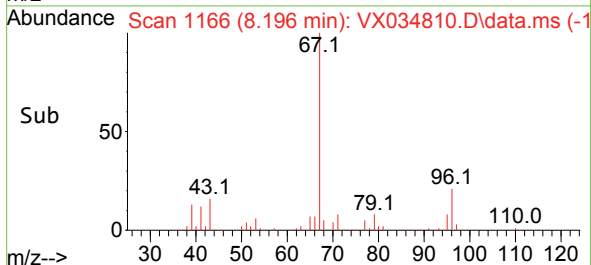
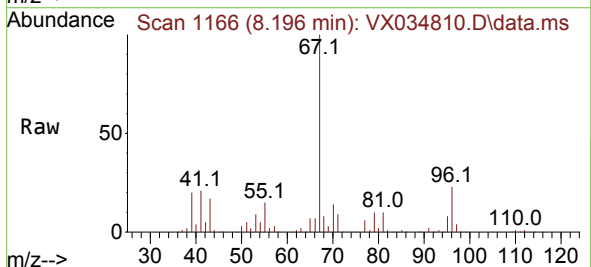
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

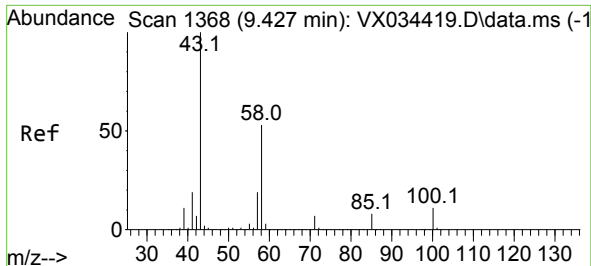
Tgt Ion: 69 Resp: 17894
Ion Ratio Lower Upper
69 100
41 200.8 57.4 86.0#
39 120.4 33.7 50.5#



#58
2-Chloroethyl Vinyl ether
Concen: 0.883 ug/l
RT: 8.196 min Scan# 1166
Delta R.T. -0.043 min
Lab File: VX034810.D
Acq: 28 Mar 2023 21:51

Tgt Ion: 63 Resp: 2496
Ion Ratio Lower Upper
63 100
106 0.0 22.2 33.2#





#59

2-Hexanone

Concen: 1.818 ug/l

RT: 9.439 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX034810.D

Acq: 28 Mar 2023 21:51

Instrument :

MSVOA_X

ClientSampleId :

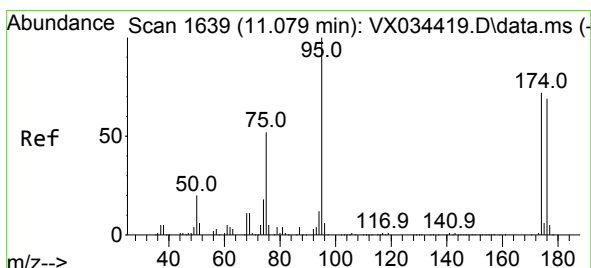
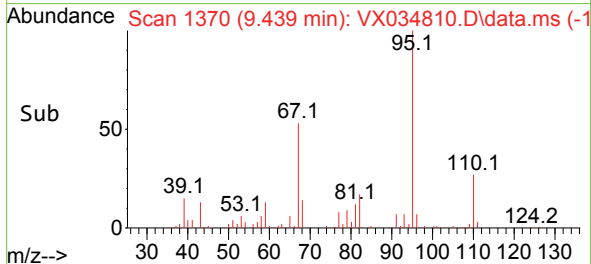
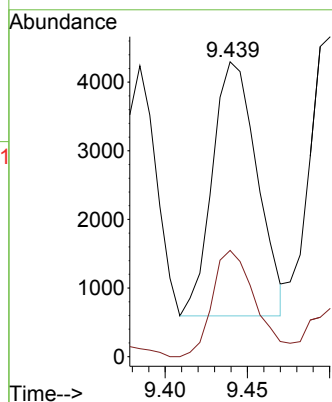
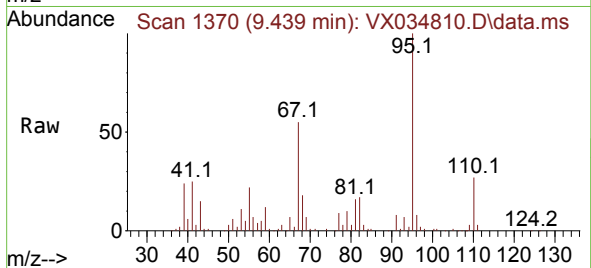
MW-5B

Tgt Ion: 43 Resp: 7014

Ion Ratio Lower Upper

43 100

58 40.6 26.3 78.9



#62

4-Bromofluorobenzene

Concen: 54.835 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX034810.D

Acq: 28 Mar 2023 21:51

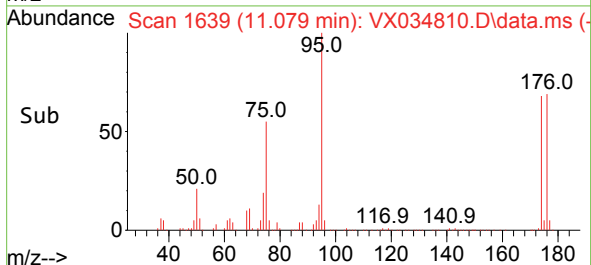
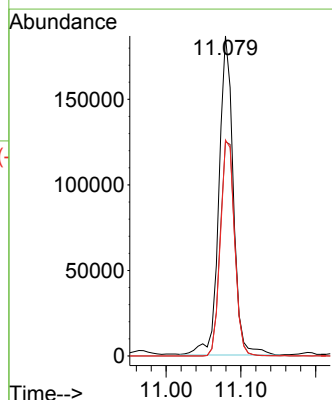
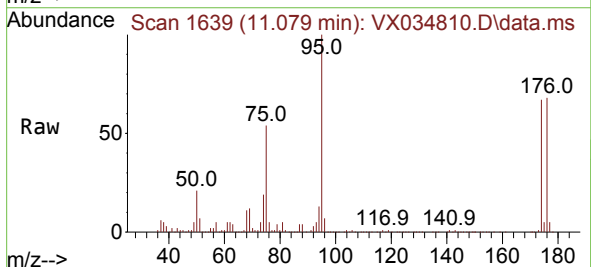
Tgt Ion: 95 Resp: 250317

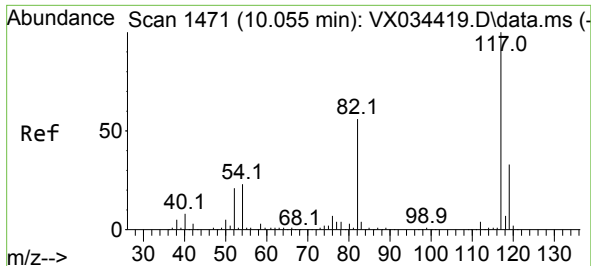
Ion Ratio Lower Upper

95 100

174 67.4 0.0 147.4

176 66.4 0.0 140.6

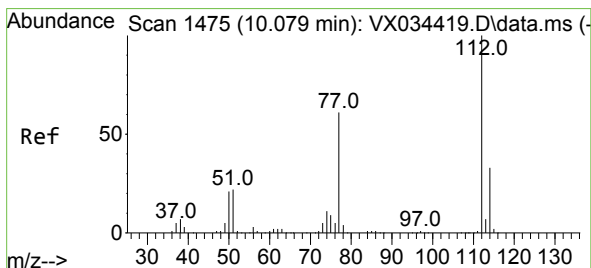
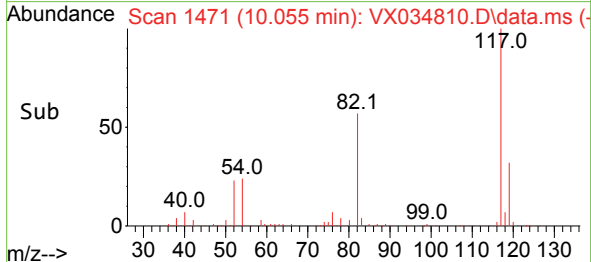
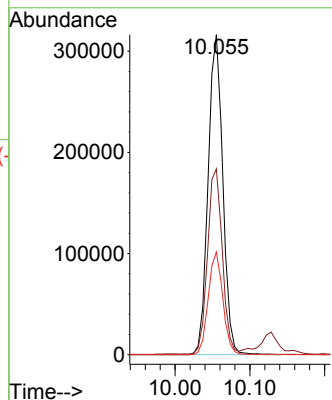
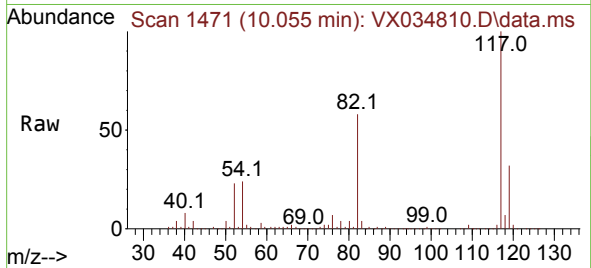




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034810.D
Acq: 28 Mar 2023 21:51

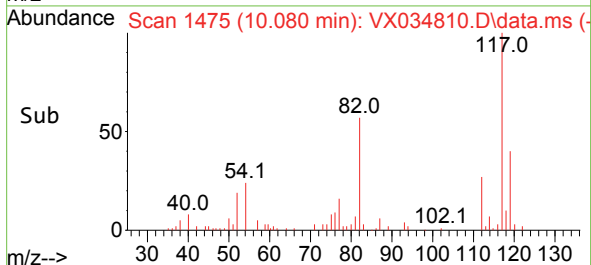
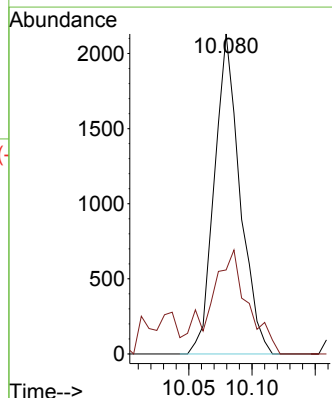
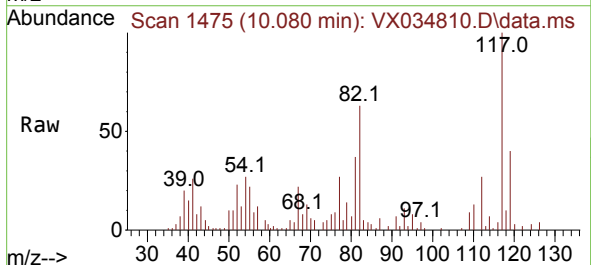
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

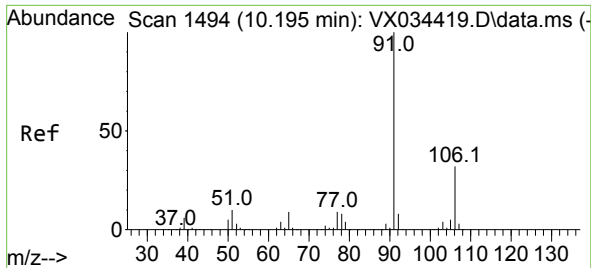
Tgt Ion:117 Resp: 431214
Ion Ratio Lower Upper
117 100
82 57.9 45.0 67.4
119 32.1 26.0 39.0



#65
Chlorobenzene
Concen: 0.316 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034810.D
Acq: 28 Mar 2023 21:51

Tgt Ion:112 Resp: 2992
Ion Ratio Lower Upper
112 100
114 26.2 26.2 39.2

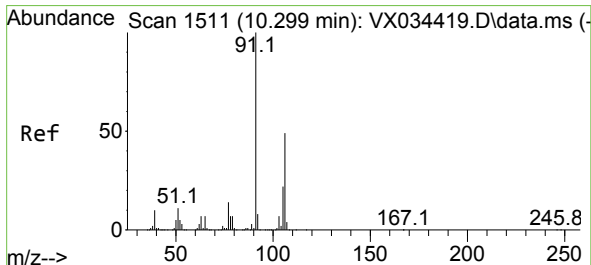
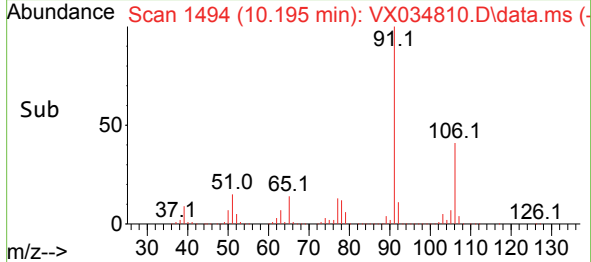
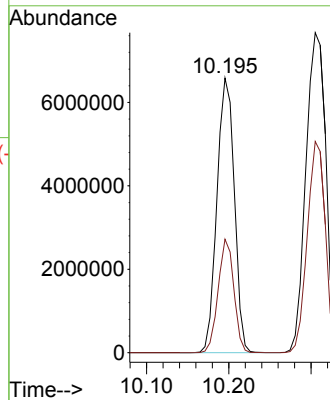
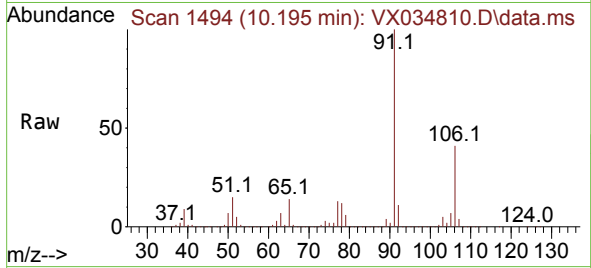




#67
Ethyl Benzene
Concen: 571.120 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034810.D
Acq: 28 Mar 2023 21:51

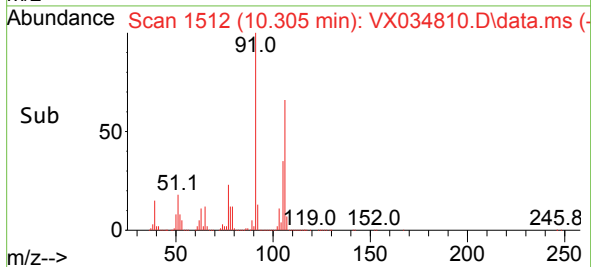
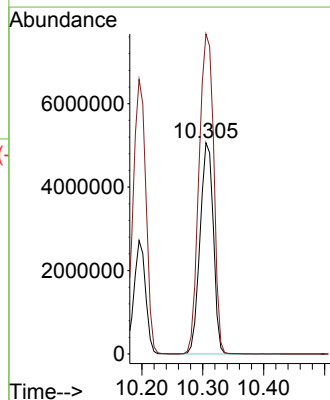
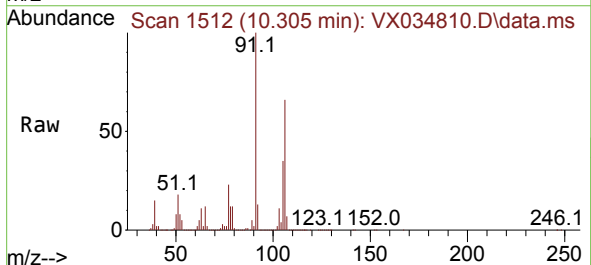
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

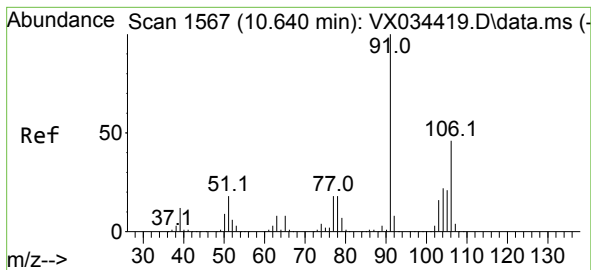
Tgt Ion: 91 Resp: 9673437
Ion Ratio Lower Upper
91 100
106 41.3 25.6 38.4#



#68
m/p-Xylenes
Concen: 1181.367 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX034810.D
Acq: 28 Mar 2023 21:51

Tgt Ion: 106 Resp: 7686539
Ion Ratio Lower Upper
106 100
91 167.3 164.0 246.0

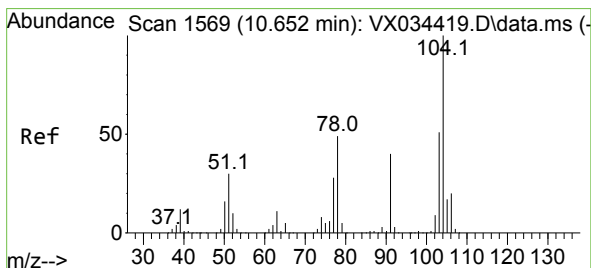
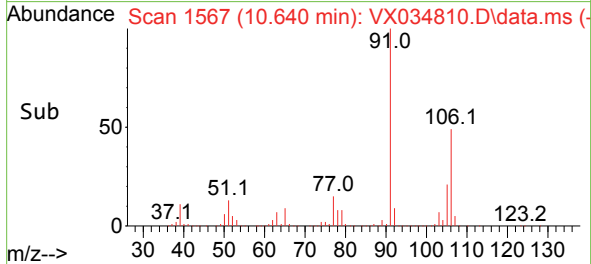
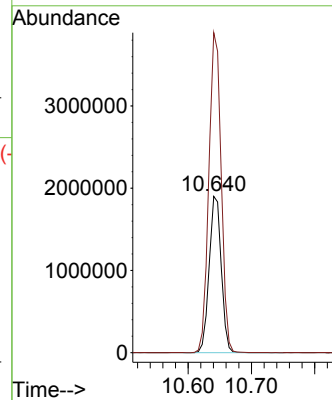
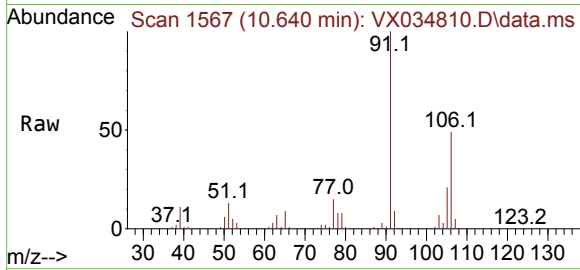




#69
o-Xylene
Concen: 387.572 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034810.D
Acq: 28 Mar 2023 21:51

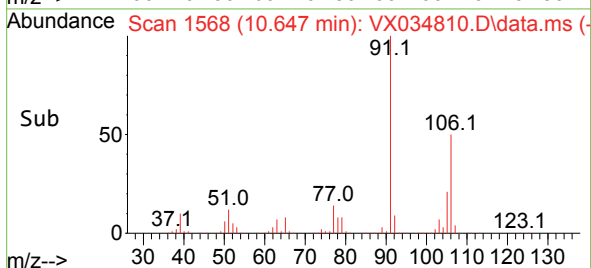
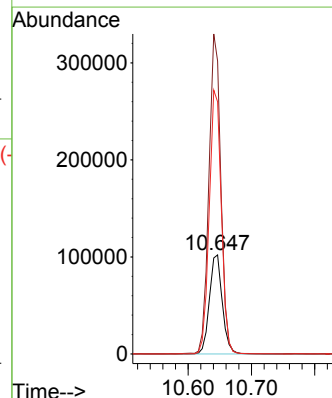
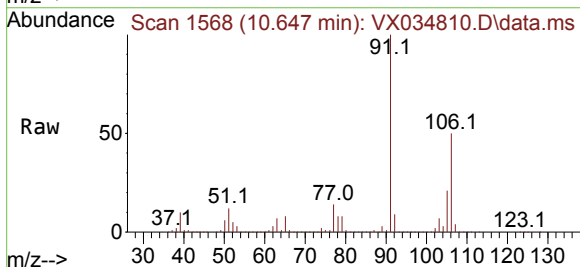
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

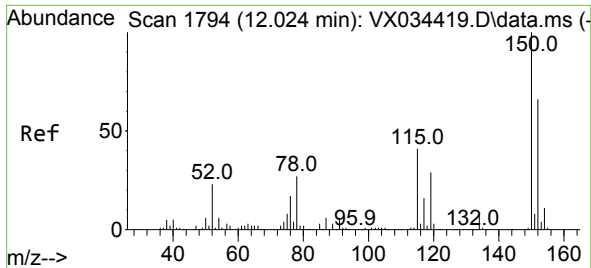
Tgt Ion:106 Resp: 2530653
Ion Ratio Lower Upper
106 100
91 208.6 108.5 325.3



#70
Styrene
Concen: 13.743 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VX034810.D
Acq: 28 Mar 2023 21:51

Tgt Ion:104 Resp: 144778
Ion Ratio Lower Upper
104 100
78 298.7 43.4 65.2#
103 250.2 44.2 66.2#

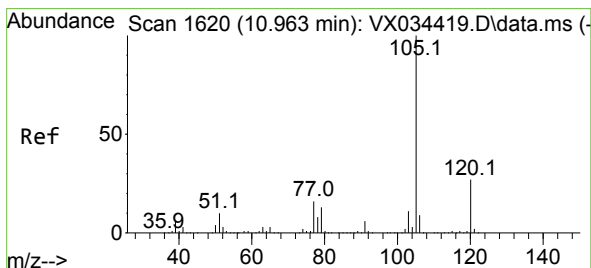
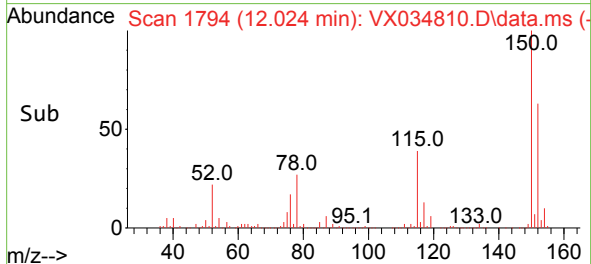
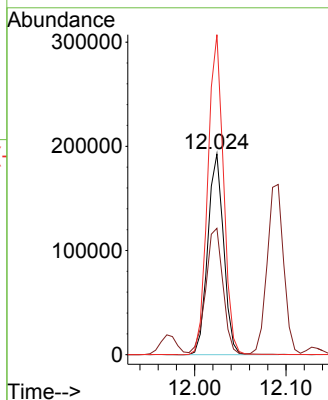
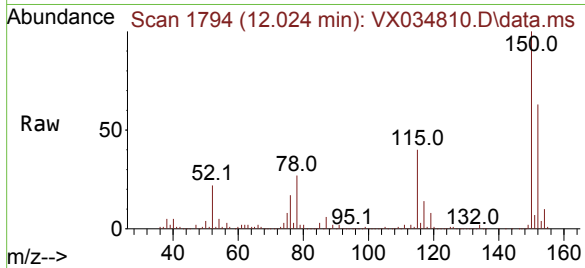




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034810.D
Acq: 28 Mar 2023 21:51

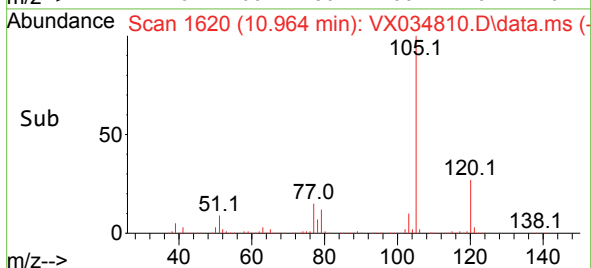
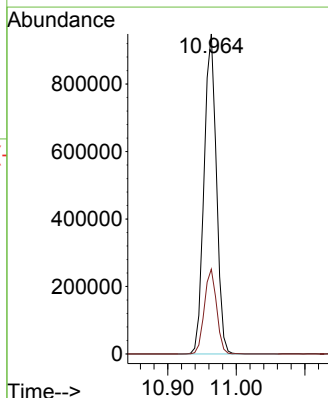
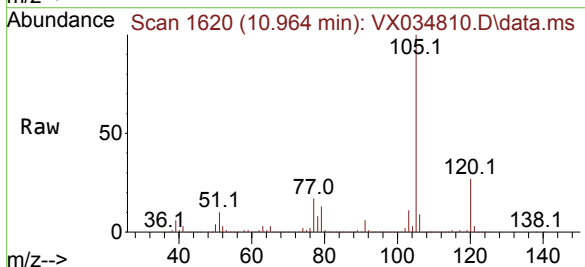
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

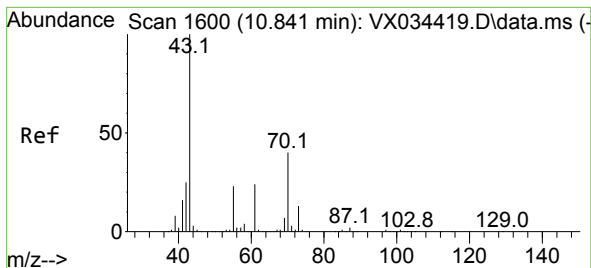
Tgt Ion:152 Resp: 232655
Ion Ratio Lower Upper
152 100
115 67.3 45.0 135.0
150 158.4 0.0 352.4



#73
Isopropylbenzene
Concen: 66.083 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX034810.D
Acq: 28 Mar 2023 21:51

Tgt Ion:105 Resp: 1188264
Ion Ratio Lower Upper
105 100
120 26.3 13.3 39.9





#74

N-amy1 acetate

Concen: 0.234 ug/l

RT: 10.848 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX034810.D

Acq: 28 Mar 2023 21:51

Instrument :

MSVOA_X

ClientSampleId :

MW-5B

Tgt Ion: 43 Resp: 2014

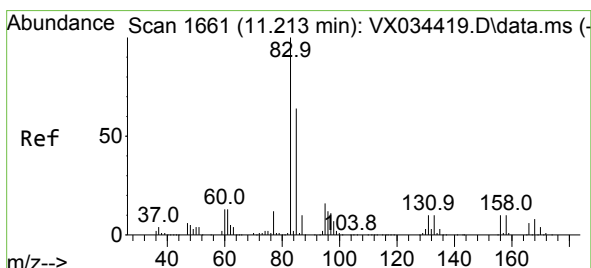
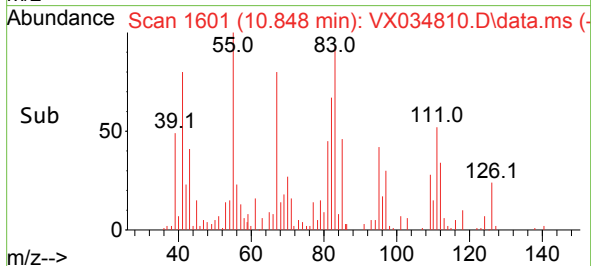
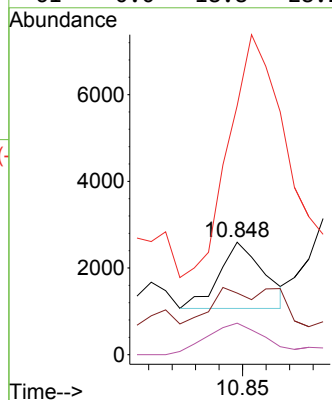
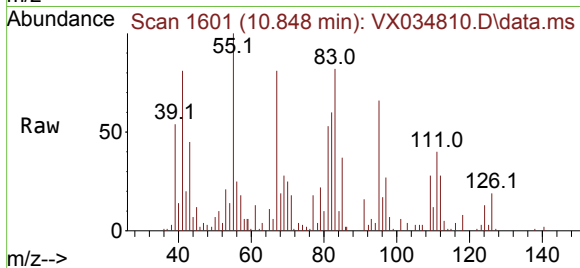
Ion Ratio Lower Upper

43 100

70 46.2 32.1 48.1

55 672.0 18.3 27.5#

61 0.0 18.8 28.2#



#75

1,1,2,2-Tetrachloroethane

Concen: 0.202 ug/l

RT: 11.220 min Scan# 1662

Delta R.T. 0.006 min

Lab File: VX034810.D

Acq: 28 Mar 2023 21:51

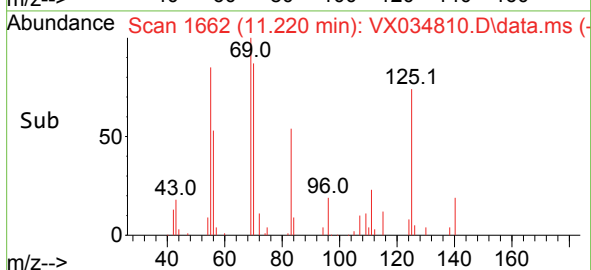
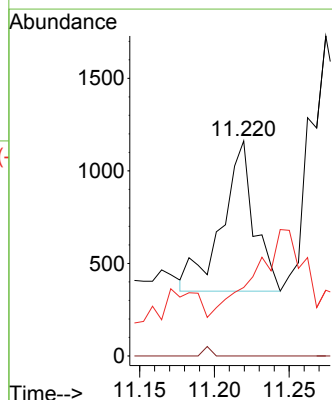
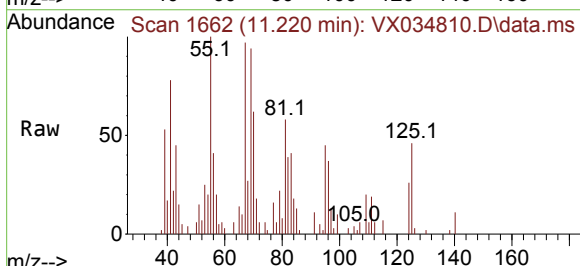
Tgt Ion: 83 Resp: 1213

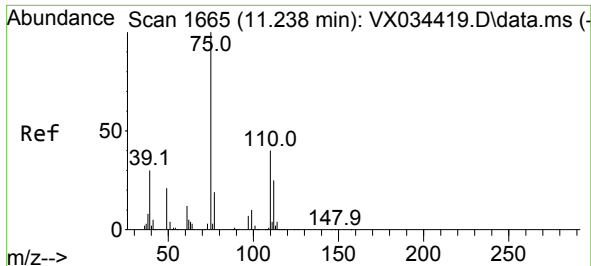
Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.3#

85 0.0 32.0 96.0#

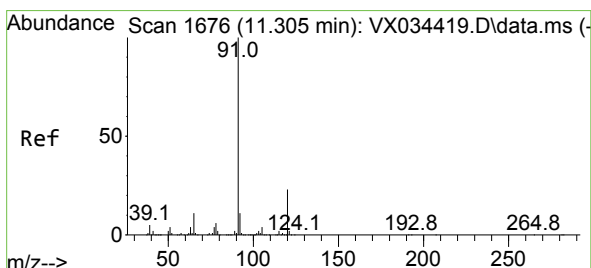
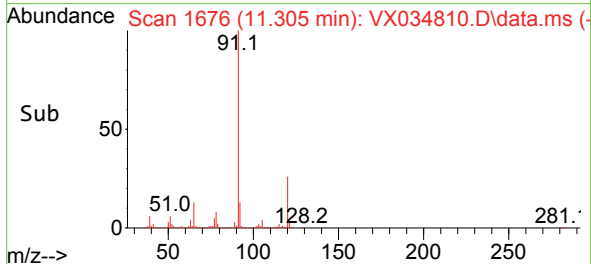
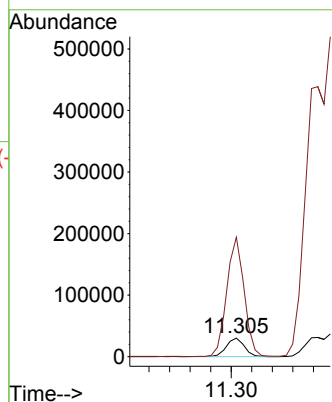
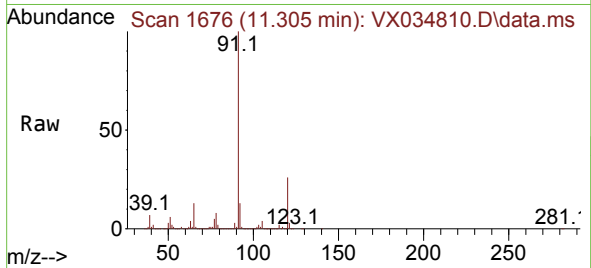




#76
1,2,3-Trichloropropane
Concen: 6.822 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.067 min
Lab File: VX034810.D
Acq: 28 Mar 2023 21:51

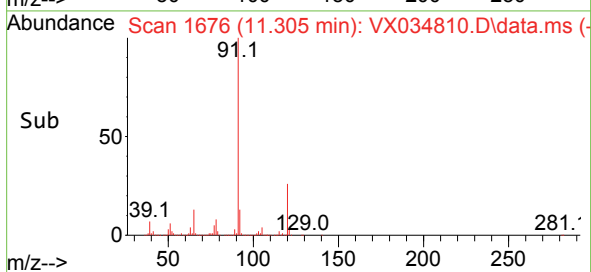
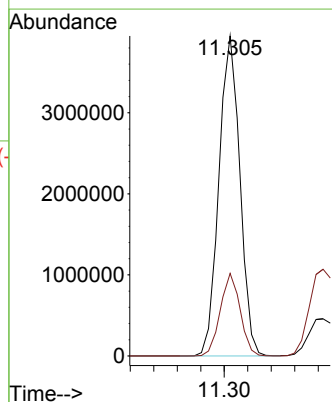
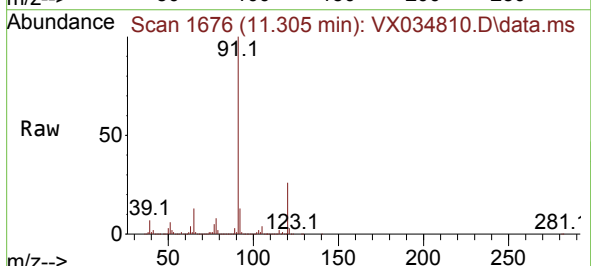
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

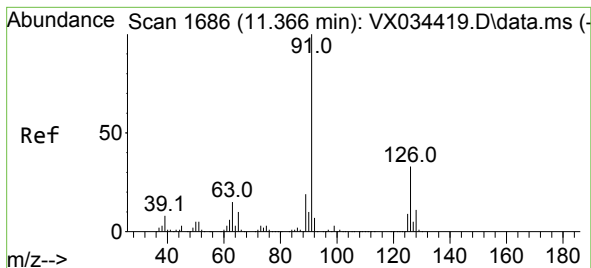
Tgt Ion: 75 Resp: 36446
Ion Ratio Lower Upper
75 100
77 622.7 21.6 64.8#



#78
n-propylbenzene
Concen: 235.853 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX034810.D
Acq: 28 Mar 2023 21:51

Tgt Ion: 91 Resp: 4897855
Ion Ratio Lower Upper
91 100
120 24.4 11.5 34.5





#79

2-Chlorotoluene

Concen: 91.450 ug/l

RT: 11.402 min Scan# 1

Delta R.T. 0.037 min

Lab File: VX034810.D

Acq: 28 Mar 2023 21:51

Instrument :

MSVOA_X

ClientSampleId :

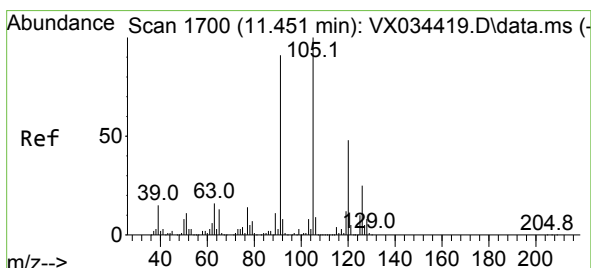
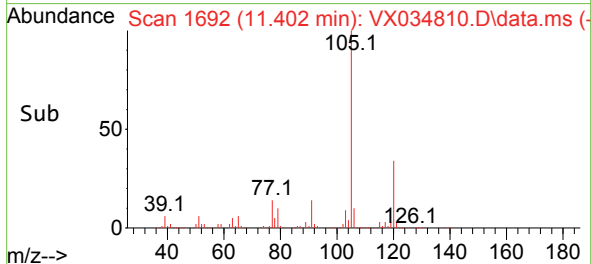
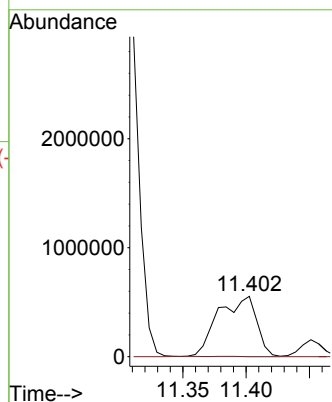
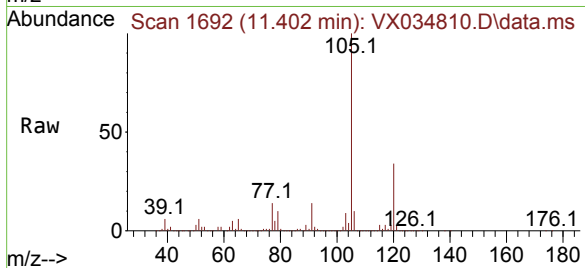
MW-5B

Tgt Ion: 91 Resp: 1172880

Ion Ratio Lower Upper

91 100

126 0.3 16.3 48.9#



#80

1,3,5-Trimethylbenzene

Concen: 104.224 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX034810.D

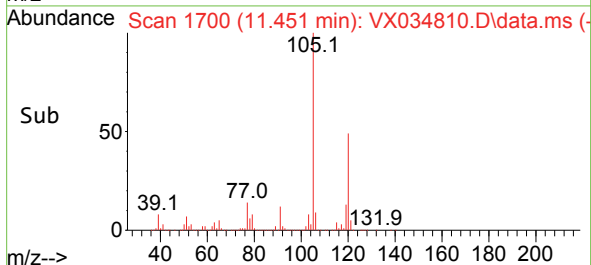
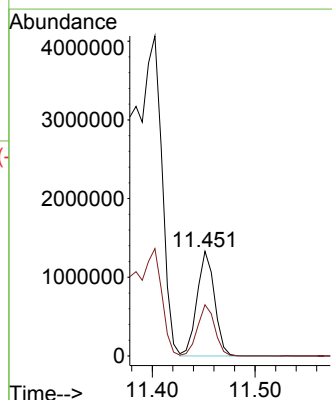
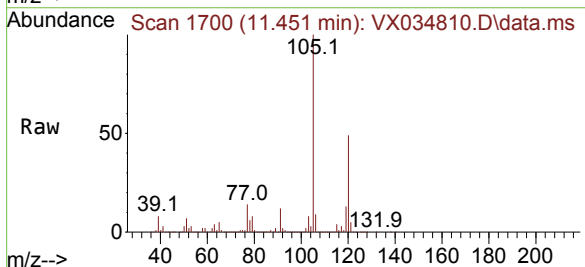
Acq: 28 Mar 2023 21:51

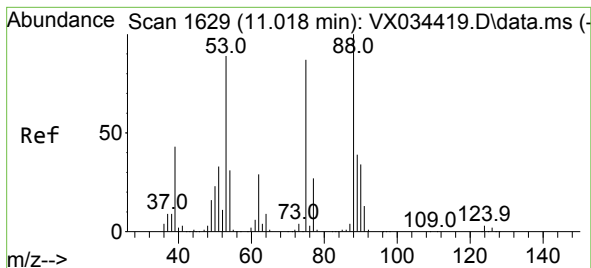
Tgt Ion: 105 Resp: 1571929

Ion Ratio Lower Upper

105 100

120 48.5 23.7 71.1

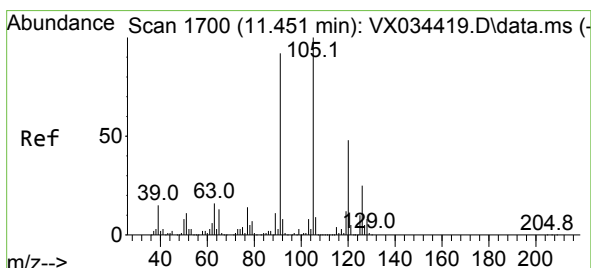
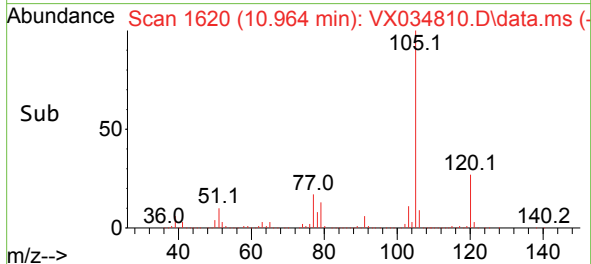
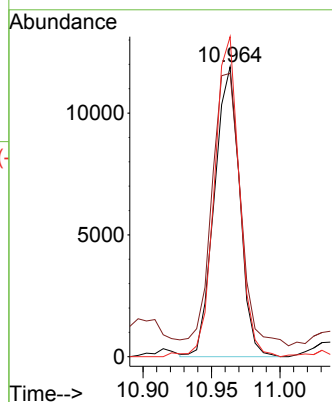
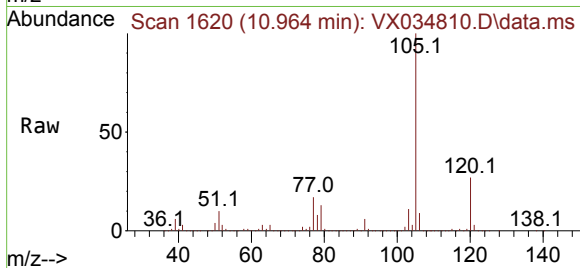




#81
trans-1,4-Dichloro-2-butene
Concen: 7.726 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. -0.055 min
Lab File: VX034810.D
Acq: 28 Mar 2023 21:51

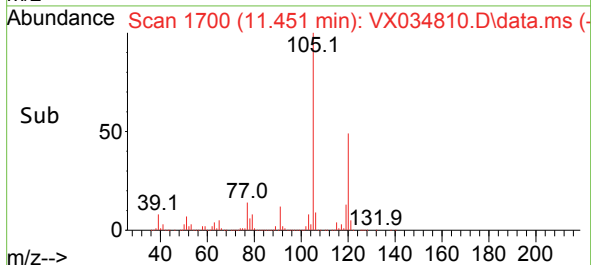
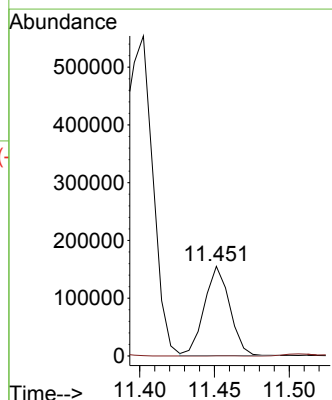
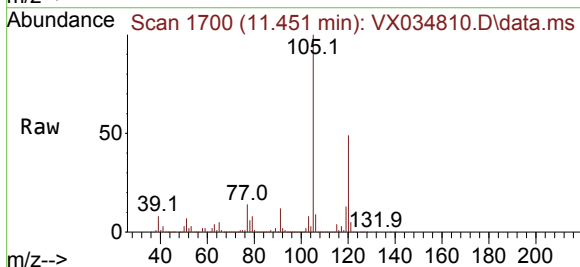
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

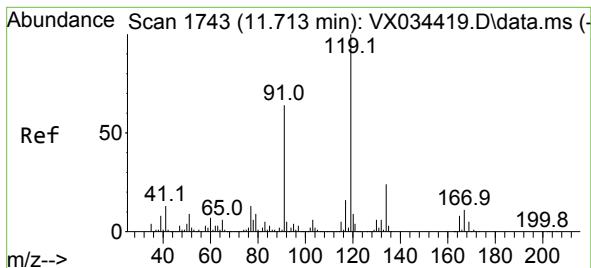
Tgt Ion: 75 Resp: 15256
Ion Ratio Lower Upper
75 100
53 107.5 82.6 124.0
89 108.9 36.9 55.3#



#82
4-Chlorotoluene
Concen: 12.311 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034810.D
Acq: 28 Mar 2023 21:51

Tgt Ion: 91 Resp: 181865
Ion Ratio Lower Upper
91 100
126 0.3 14.2 42.6#





#83

tert-Butylbenzene

Concen: 164.859 ug/l

RT: 11.762 min Scan# 1751

Delta R.T. 0.049 min

Lab File: VX034810.D

Acq: 28 Mar 2023 21:51

Instrument :

MSVOA_X

ClientSampleId :

MW-5B

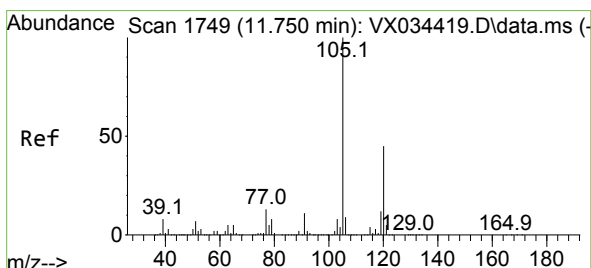
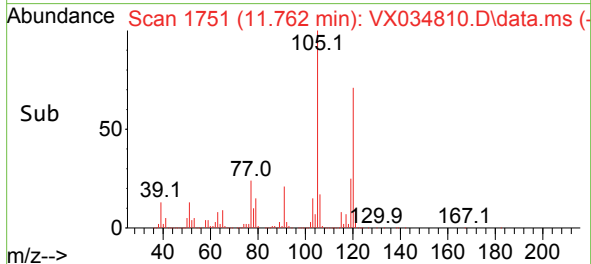
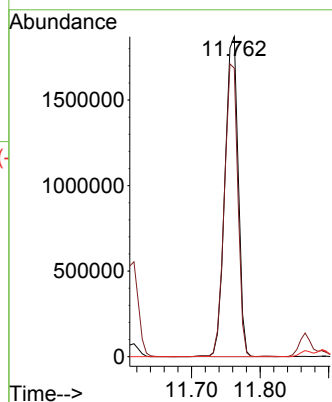
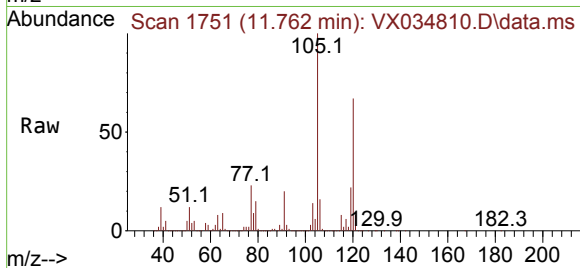
Tgt Ion:119 Resp: 2506956

Ion Ratio Lower Upper

119 100

91 92.7 30.6 92.0#

134 0.0 11.8 35.4#



#84

1,2,4-Trimethylbenzene

Concen: 876.936 ug/l

RT: 11.762 min Scan# 1751

Delta R.T. 0.012 min

Lab File: VX034810.D

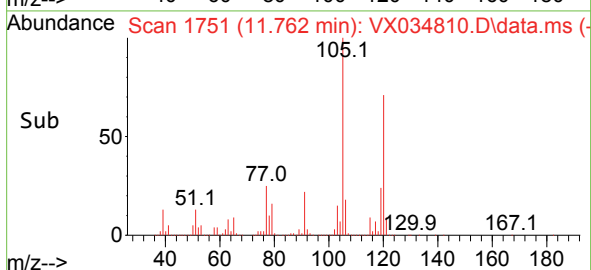
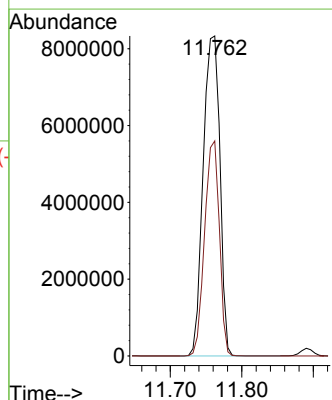
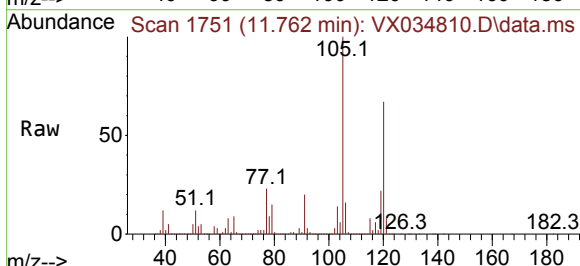
Acq: 28 Mar 2023 21:51

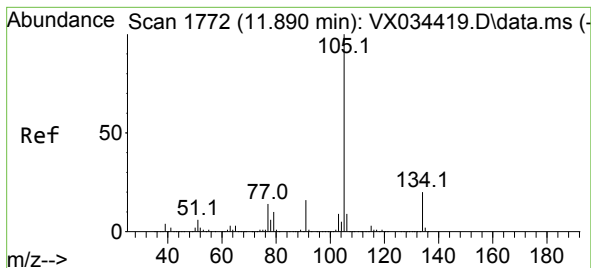
Tgt Ion:105 Resp:13517100

Ion Ratio Lower Upper

105 100

120 59.5 22.4 67.0





#85

sec-Butylbenzene

Concen: 727.078 ug/l

RT: 11.762 min Scan# 1751

Delta R.T. -0.128 min

Lab File: VX034810.D

Acq: 28 Mar 2023 21:51

Instrument :

MSVOA_X

ClientSampleId :

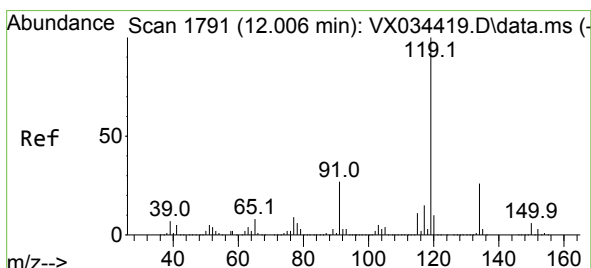
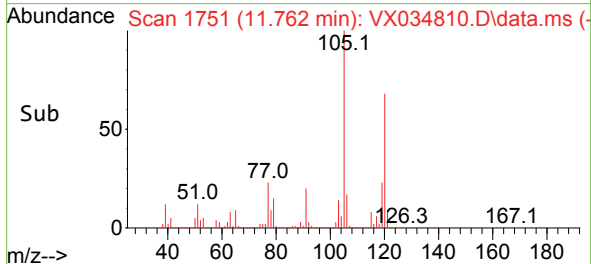
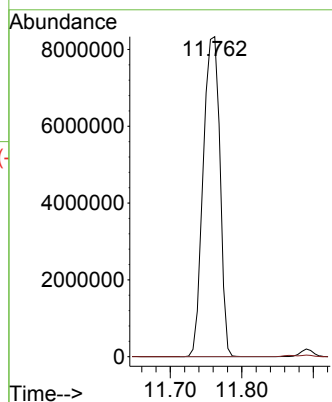
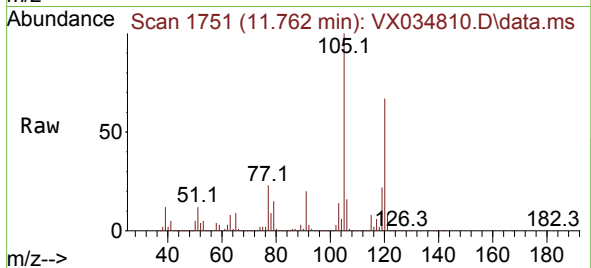
MW-5B

Tgt Ion:105 Resp:13516910

Ion Ratio Lower Upper

105 100

134 0.0 10.2 30.4#



#86

p-Isopropyltoluene

Concen: 19.724 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.036 min

Lab File: VX034810.D

Acq: 28 Mar 2023 21:51

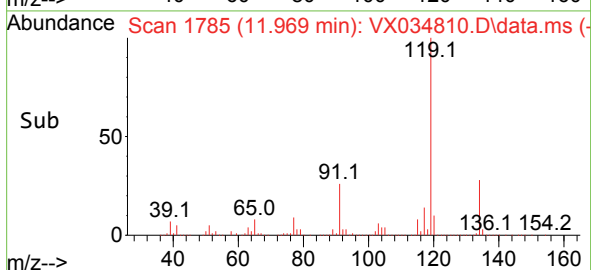
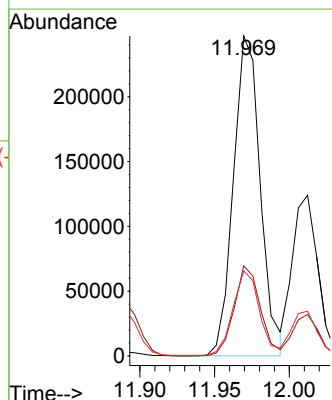
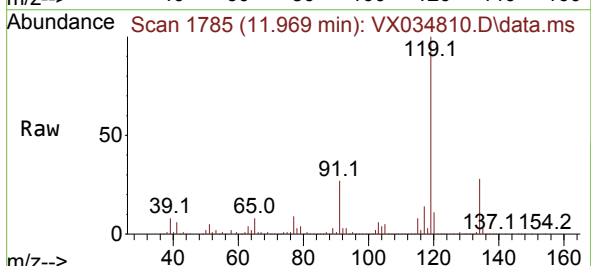
Tgt Ion:119 Resp: 308181

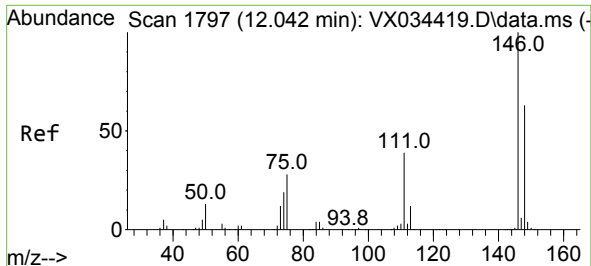
Ion Ratio Lower Upper

119 100

134 27.5 13.2 39.5

91 26.2 12.9 38.7

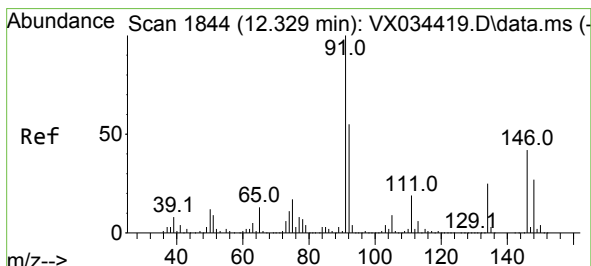
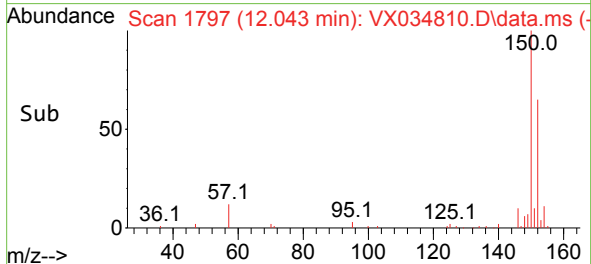
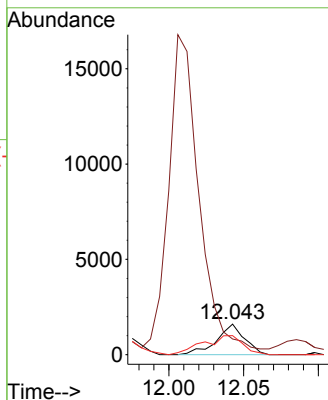
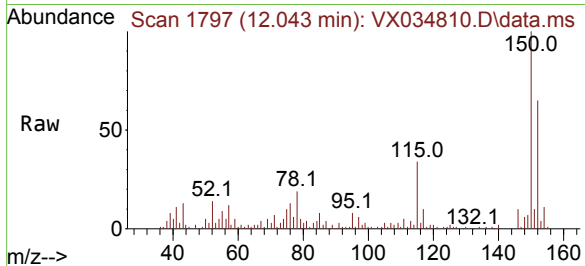




#88
1,4-Dichlorobenzene
Concen: 0.243 ug/l
RT: 12.043 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034810.D
Acq: 28 Mar 2023 21:51

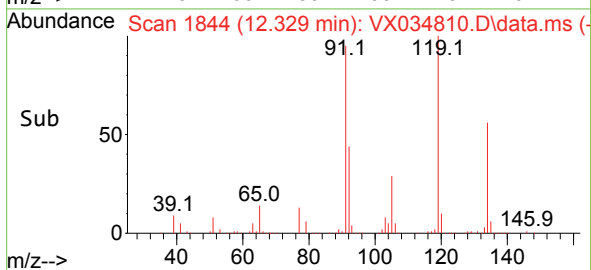
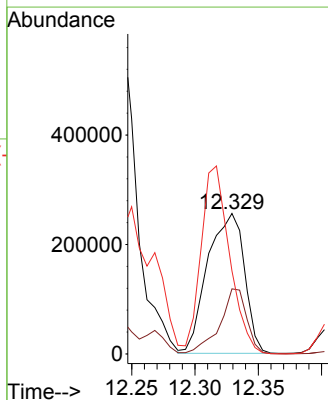
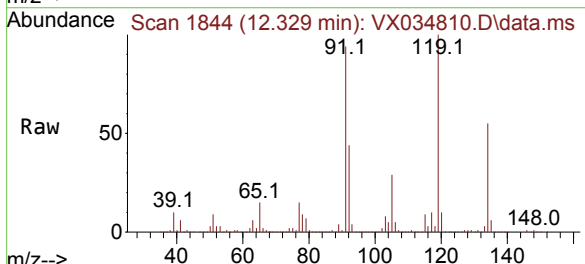
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

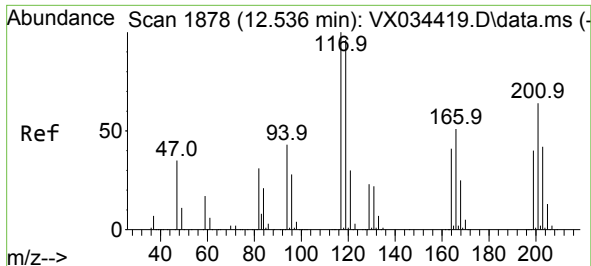
Tgt Ion:146 Resp: 2078
Ion Ratio Lower Upper
146 100
111 0.0 20.6 61.9#
148 89.0 31.8 95.4



#89
n-Butylbenzene
Concen: 37.237 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX034810.D
Acq: 28 Mar 2023 21:51

Tgt Ion: 91 Resp: 517225
Ion Ratio Lower Upper
91 100
92 33.9 27.7 83.0
134 103.6 13.0 38.9#

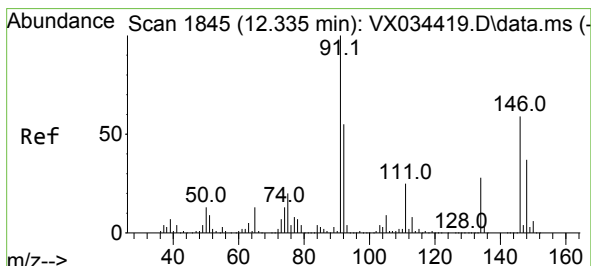
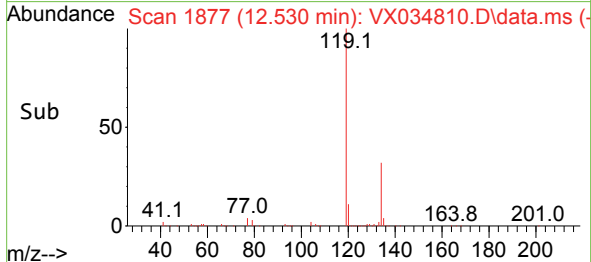
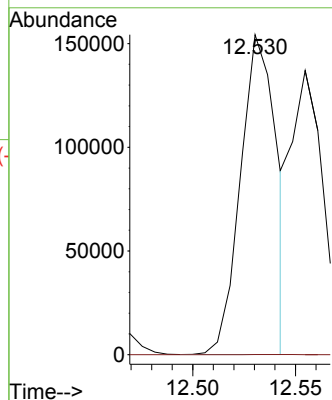
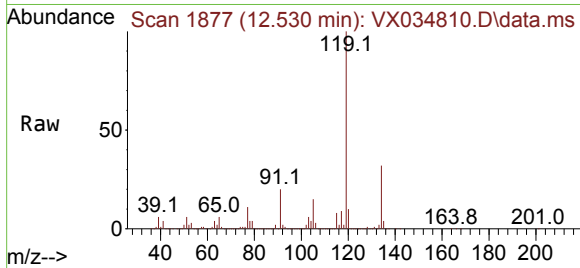




#90
Hexachloroethane
Concen: 65.228 ug/l
RT: 12.530 min Scan# 117
Delta R.T. -0.006 min
Lab File: VX034810.D
Acq: 28 Mar 2023 21:51

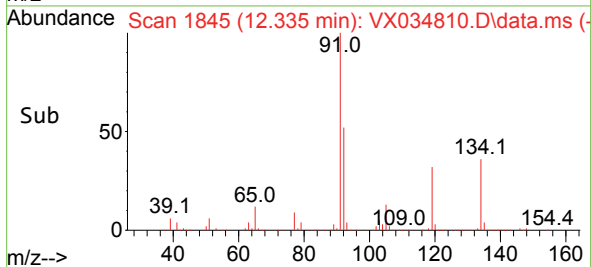
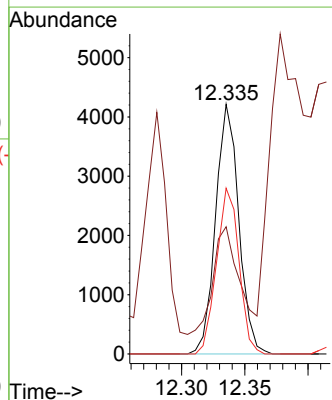
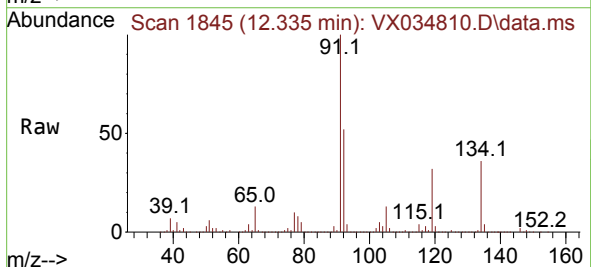
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

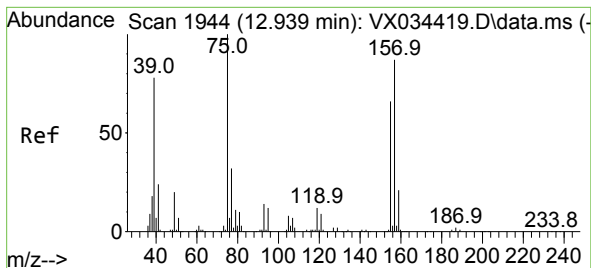
Tgt Ion:117 Resp: 188581
Ion Ratio Lower Upper
117 100
201 0.1 34.4 103.1#



#91
1,2-Dichlorobenzene
Concen: 0.655 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034810.D
Acq: 28 Mar 2023 21:51

Tgt Ion:146 Resp: 5347
Ion Ratio Lower Upper
146 100
111 48.6 22.0 66.0
148 64.5 32.0 96.0

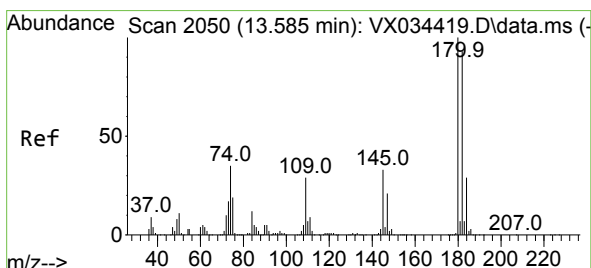
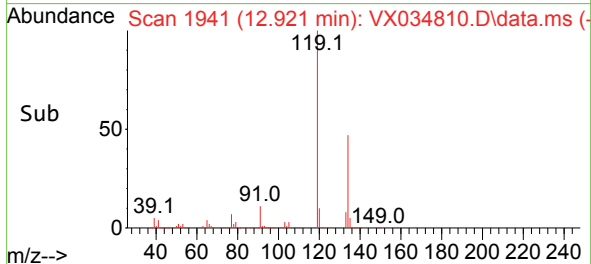
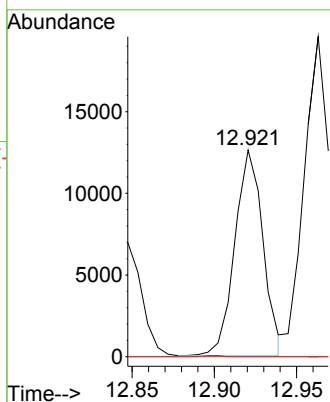
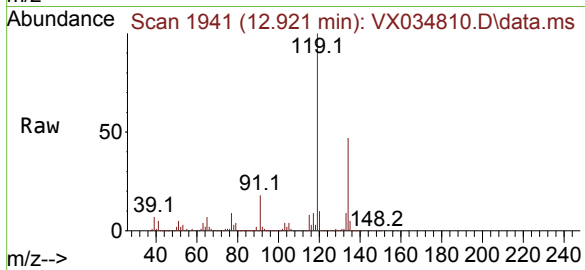




#92
1,2-Dibromo-3-Chloropropane
Concen: 11.011 ug/l
RT: 12.921 min Scan# 1941
Delta R.T. -0.018 min
Lab File: VX034810.D
Acq: 28 Mar 2023 21:51

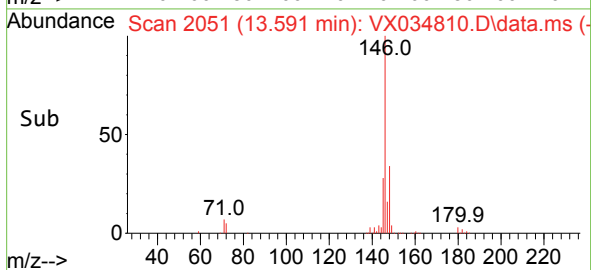
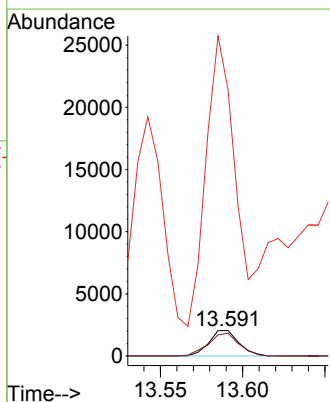
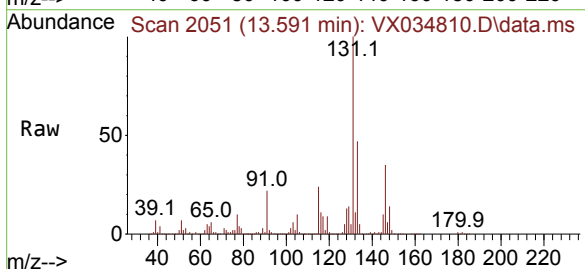
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

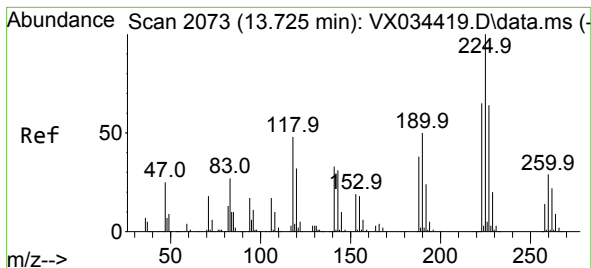
Tgt Ion: 75 Resp: 15011
Ion Ratio Lower Upper
75 100
155 0.0 38.4 115.1#
157 0.0 49.9 149.7#



#93
1,2,4-Trichlorobenzene
Concen: 0.504 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX034810.D
Acq: 28 Mar 2023 21:51

Tgt Ion: 180 Resp: 2574
Ion Ratio Lower Upper
180 100
182 92.7 47.0 141.0
145 1366.3 15.9 47.7#





#94

Hexachlorobutadiene

Concen: 0.616 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX034810.D

Acq: 28 Mar 2023 21:51

Instrument :

MSVOA_X

ClientSampleId :

MW-5B

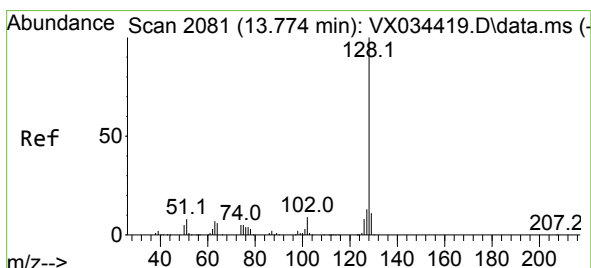
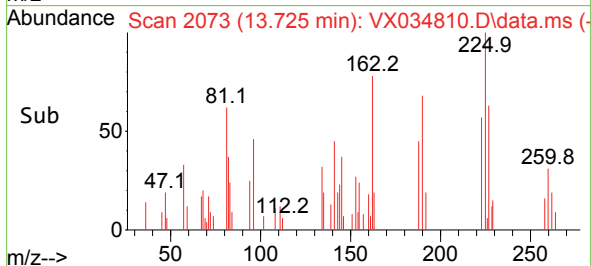
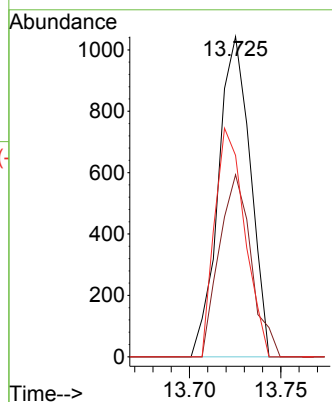
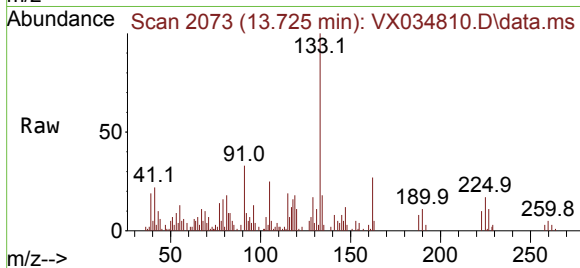
Tgt Ion:225 Resp: 1267

Ion Ratio Lower Upper

225 100

223 56.9 32.1 96.5

227 67.2 31.8 95.4



#95

Naphthalene

Concen: 122.305 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX034810.D

Acq: 28 Mar 2023 21:51

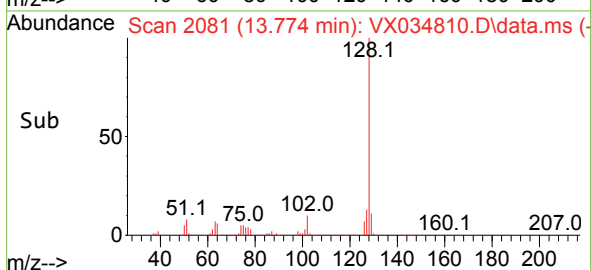
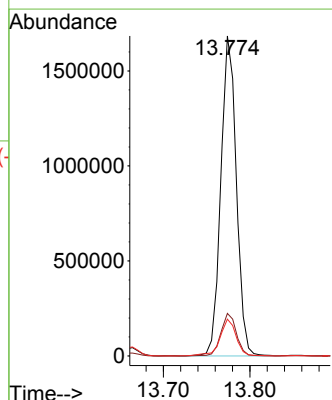
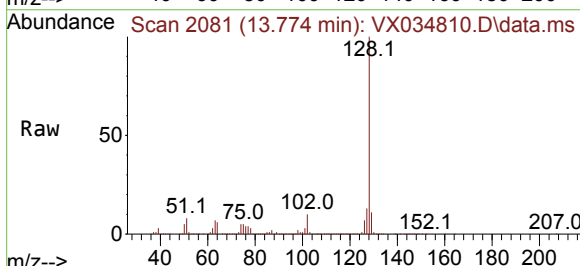
Tgt Ion:128 Resp: 2095112

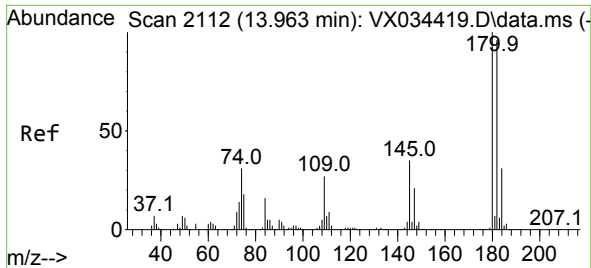
Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

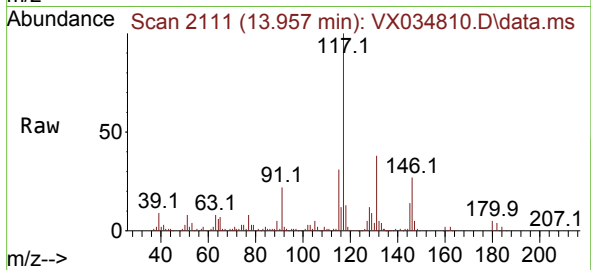
129 11.9 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.400 ug/l
 RT: 13.957 min Scan# 2111
 Delta R.T. -0.006 min
 Lab File: VX034810.D
 Acq: 28 Mar 2023 21:51

Instrument : MSVOA_X
 ClientSampleId : MW-5B



Tgt Ion:180 Resp: 1996
 Ion Ratio Lower Upper
 180 100
 182 89.5 48.0 144.2
 145 1022.8 17.7 53.1#

