

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032823\
 Data File : VX034813.D
 Acq On : 28 Mar 2023 23:01
 Operator : JC/MD
 Sample : 02084-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Quant Time: Mar 29 04:12:16 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	271776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	463206	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	415930	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	188338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	196251	49.636	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.280%		
35) Dibromofluoromethane	5.385	113	144366	47.205	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.400%		
50) Toluene-d8	8.647	98	557940	48.870	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.740%		
62) 4-Bromofluorobenzene	11.079	95	207084	44.906	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.820%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	271	Below Cal	#	84
11) Tert butyl alcohol	2.941	59	284	0.345	ug/l #	73
13) Acrolein	2.215	56	402	0.617	ug/l #	1
14) Allyl chloride	2.709	41	3315	0.550	ug/l #	66
15) Acrylonitrile	3.093	53	2330	1.310	ug/l #	41
16) Acetone	2.380	43	14611	7.845	ug/l	91
18) Methyl Acetate	2.709	43	2483	0.408	ug/l #	53
20) Methylene Chloride	2.788	84	973	0.269	ug/l #	61
25) 2-Butanone	4.580	43	7180	2.694	ug/l	98
31) Cyclohexane	5.471	56	46881	8.455	ug/l	99
36) 1,1-Dichloropropene	5.550	75	23341	4.969	ug/l #	50
38) Carbon Tetrachloride	5.544	117	29086	6.224	ug/l #	16
39) Methylcyclohexane	7.379	83	54904	9.767	ug/l	93
40) Benzene	6.044	78	4196	0.305	ug/l	100
41) Methacrylonitrile	4.965	41	755	0.268	ug/l #	44
43) Isopropyl Acetate	6.348	43	2239	0.258	ug/l #	62
48) Methyl methacrylate	7.659	41	4631	1.108	ug/l #	66
51) 4-Methyl-2-Pentanone	8.580	43	6400	1.269	ug/l	93
52) Toluene	8.720	92	31436	3.695	ug/l	97
55) 1,1,2-Trichloroethane	9.098	97	6177	1.830	ug/l #	20
56) Ethyl methacrylate	9.104	69	2054	0.371	ug/l #	20
59) 2-Hexanone	9.439	43	4915	1.261	ug/l	94
67) Ethyl Benzene	10.195	91	35949	2.200	ug/l	99
68) m/p-Xylenes	10.299	106	144976	23.101	ug/l	99
69) o-Xylene	10.640	106	88245	14.011	ug/l	96
70) Styrene	10.640	104	4818	0.474	ug/l #	1
73) Isopropylbenzene	10.964	105	40246	2.765	ug/l	96
74) N-amyl acetate	10.890	43	6823	0.979	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	11.226	83	1439	0.296	ug/l #	37
76) 1,2,3-Trichloropropane	11.079	75	112422	25.997	ug/l #	35
78) n-propylbenzene	11.305	91	60414	3.594	ug/l	98
79) 2-Chlorotoluene	11.378	91	24025	2.314	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.451	105	49419	4.048	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.079	75	112422	70.329	ug/l #	8
82) 4-Chlorotoluene	11.451	91	5896	0.493	ug/l #	48
83) tert-Butylbenzene	11.750	119	31658	2.572	ug/l #	58

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QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

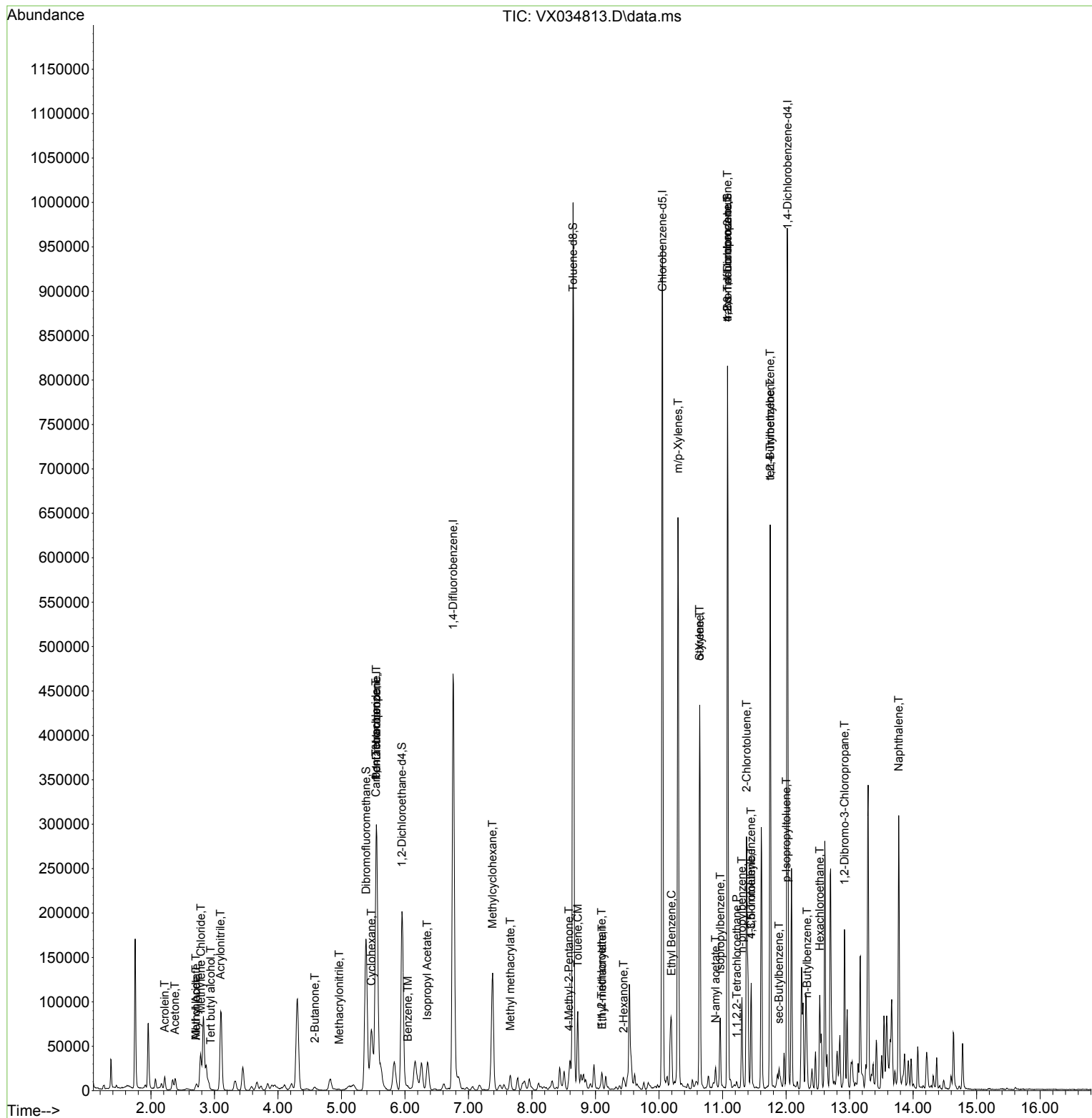
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.750	105	263718	21.135	ug/l	100
85) sec-Butylbenzene	11.890	105	10599	0.704	ug/l	92
86) p-Isopropyltoluene	12.006	119	9672	0.765	ug/l	89
89) n-Butylbenzene	12.329	91	19076	1.697	ug/l #	44
90) Hexachloroethane	12.530	117	6371	2.722	ug/l #	15
92) 1,2-Dibromo-3-Chloropr...	12.920	75	656	0.594	ug/l #	5
95) Naphthalene	13.774	128	178520	12.874	ug/l	99

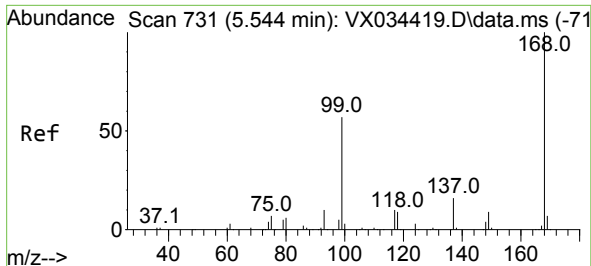
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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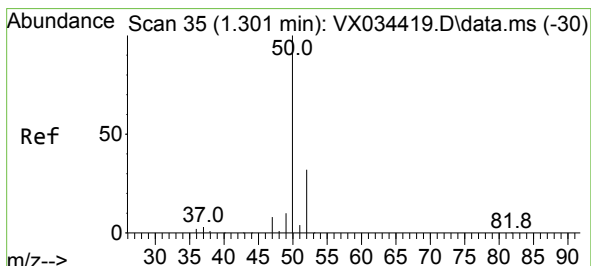
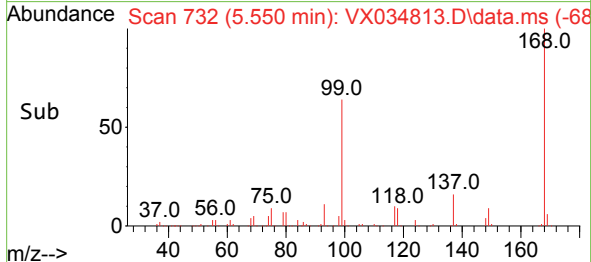
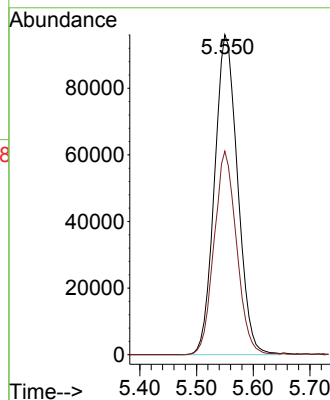
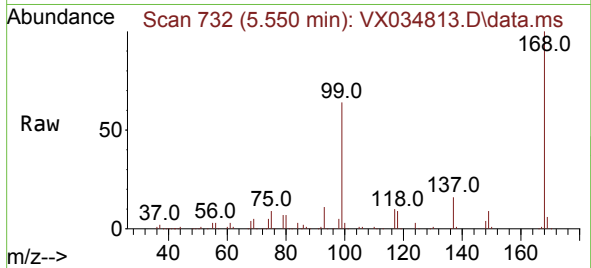




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034813.D
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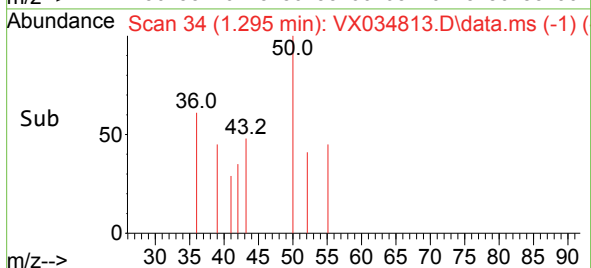
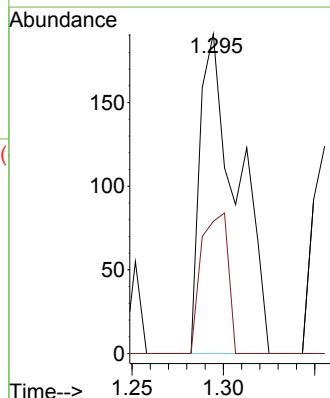
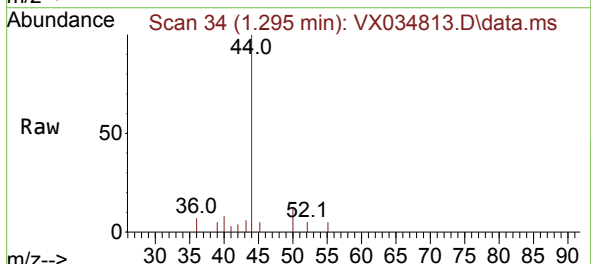
Instrument :
MSVOA_X
ClientSampleId :
MW-3

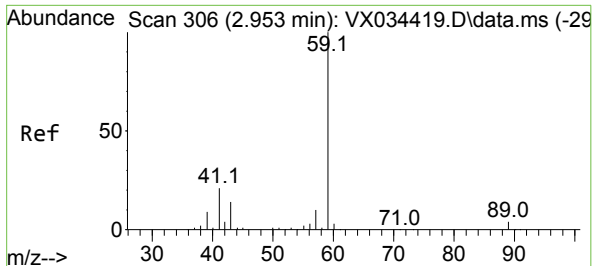
Tgt Ion:168 Resp: 271776
Ion Ratio Lower Upper
168 100
99 63.6 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX034813.D
Acq: 28 Mar 2023 23:01

Tgt Ion: 50 Resp: 271
Ion Ratio Lower Upper
50 100
52 41.4 25.9 38.9#





#11

Tert butyl alcohol

Concen: 0.345 ug/l

RT: 2.941 min Scan# 306

Delta R.T. -0.012 min

Lab File: VX034813.D

Acq: 28 Mar 2023 23:01

Instrument :

MSVOA_X

ClientSampleId :

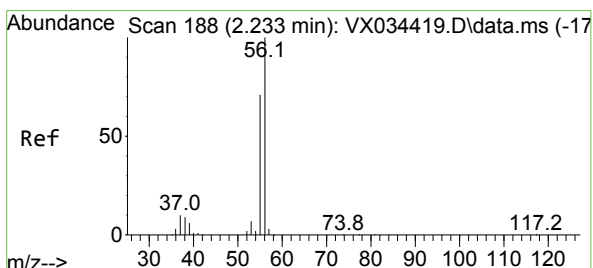
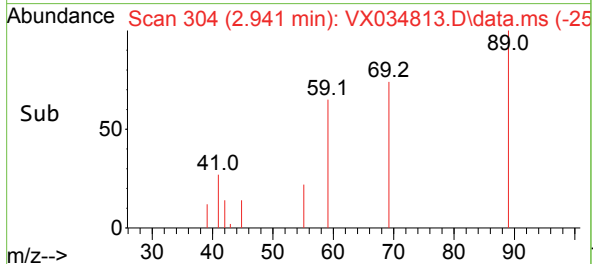
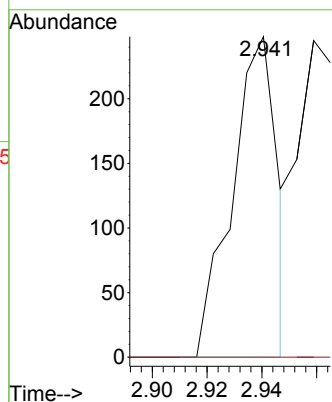
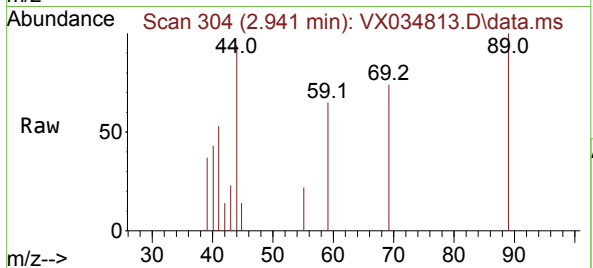
MW-3

Tgt Ion: 59 Resp: 284

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#13

Acrolein

Concen: 0.617 ug/l

RT: 2.215 min Scan# 185

Delta R.T. -0.018 min

Lab File: VX034813.D

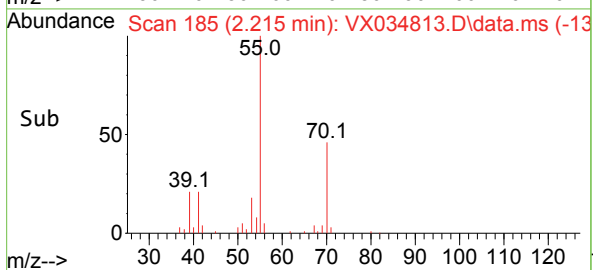
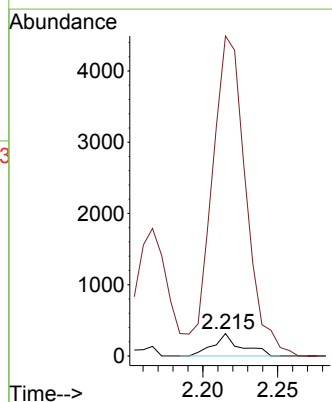
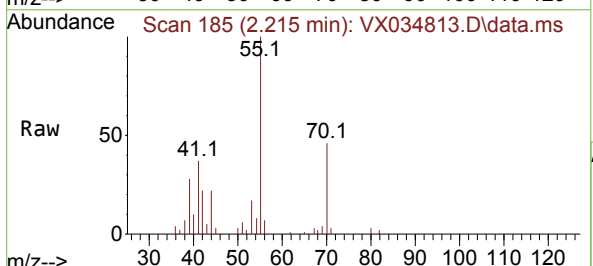
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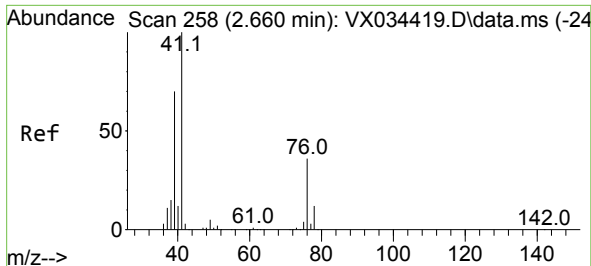
Tgt Ion: 56 Resp: 402

Ion Ratio Lower Upper

56 100

55 1744.0 56.6 85.0#

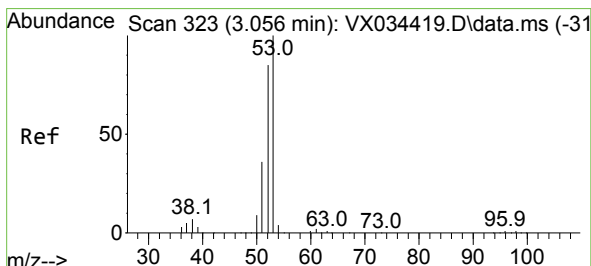
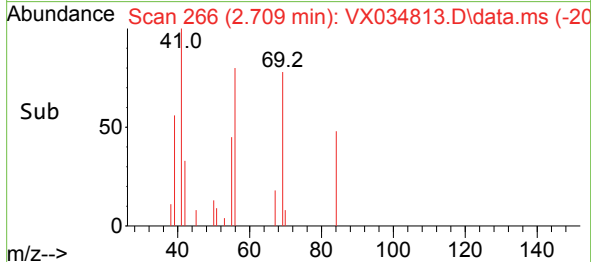
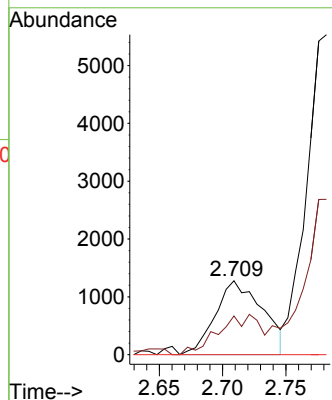
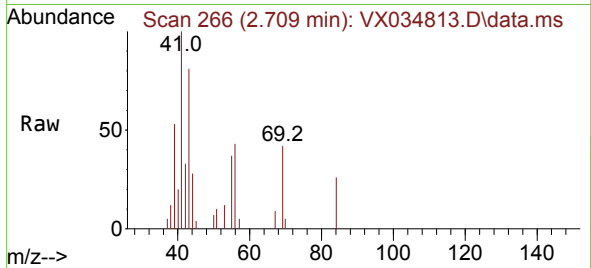




#14
 Allyl chloride
 Concen: 0.550 ug/l
 RT: 2.709 min Scan# 2
 Delta R.T. 0.049 min
 Lab File: VX034813.D
 Acq: 28 Mar 2023 23:01

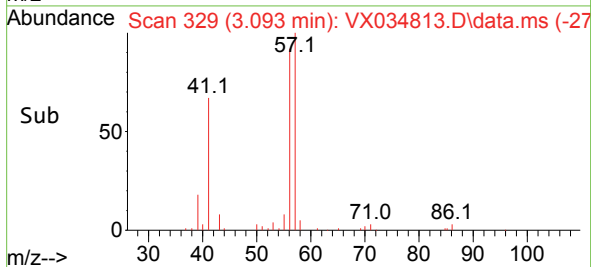
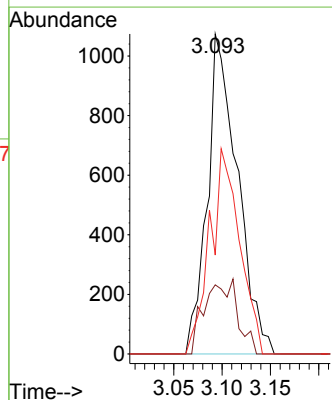
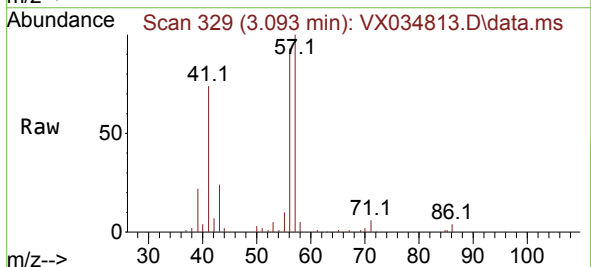
Instrument :
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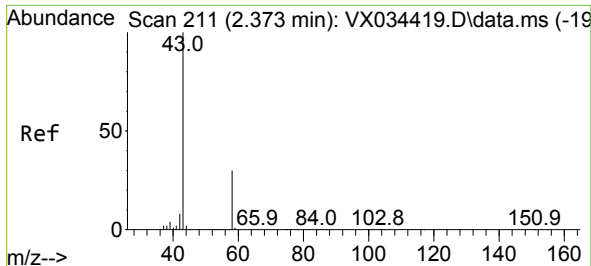
Tgt Ion: 41 Resp: 3315
 Ion Ratio Lower Upper
 41 100
 39 48.2 52.4 78.6#
 76 0.0 26.0 39.0#



#15
 Acrylonitrile
 Concen: 1.310 ug/l
 RT: 3.093 min Scan# 329
 Delta R.T. 0.037 min
 Lab File: VX034813.D
 Acq: 28 Mar 2023 23:01

Tgt Ion: 53 Resp: 2330
 Ion Ratio Lower Upper
 53 100
 52 25.2 66.2 99.2#
 51 63.0 28.3 42.5#

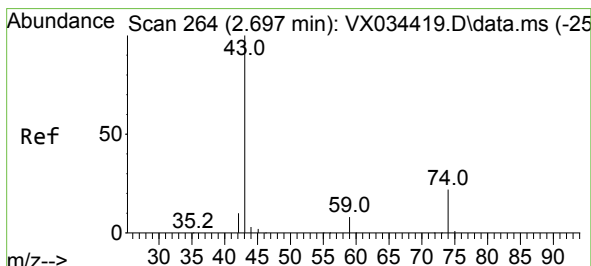
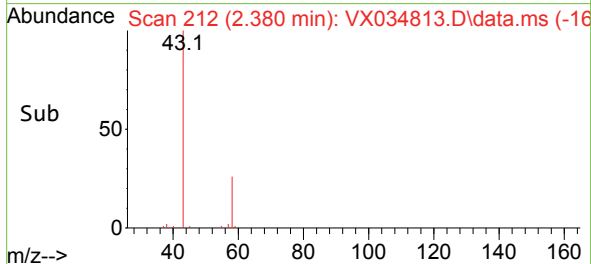
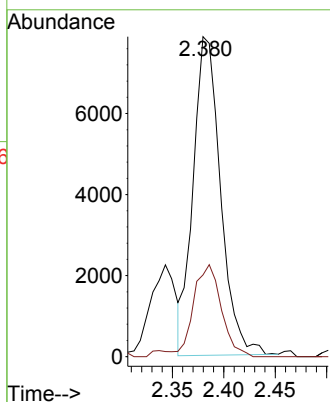
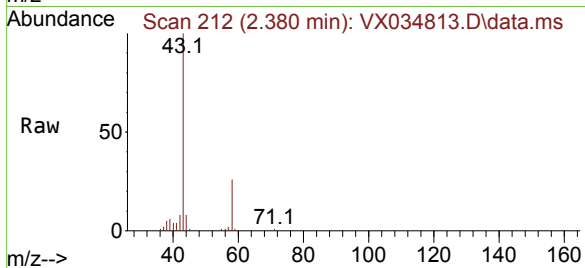




#16
Acetone
Concen: 7.845 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034813.D
Acq: 28 Mar 2023 23:01

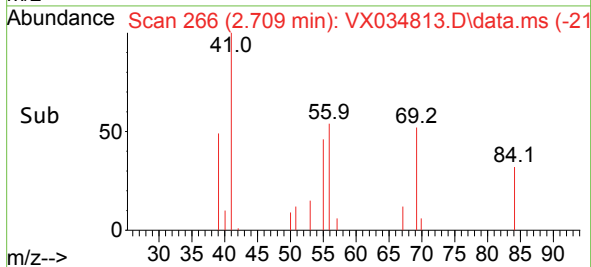
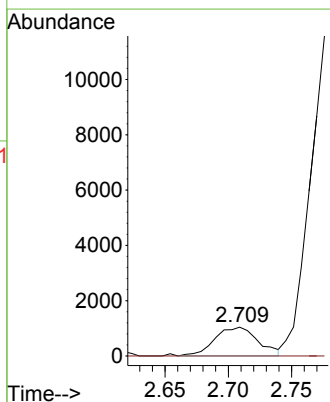
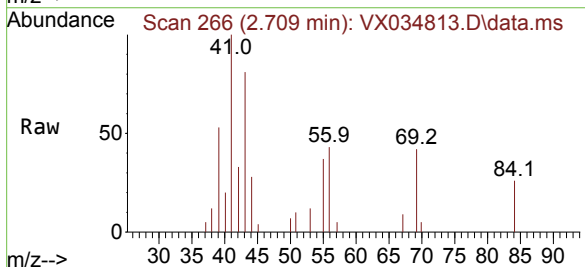
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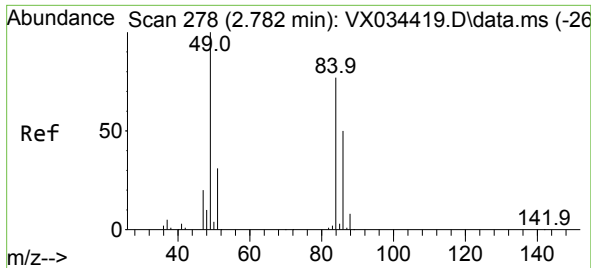
Tgt Ion: 43 Resp: 14611
Ion Ratio Lower Upper
43 100
58 25.7 24.7 37.1



#18
Methyl Acetate
Concen: 0.408 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.012 min
Lab File: VX034813.D
Acq: 28 Mar 2023 23:01

Tgt Ion: 43 Resp: 2483
Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#

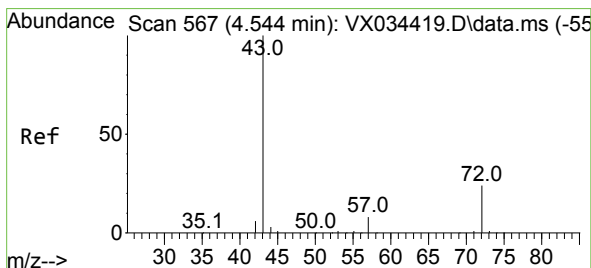
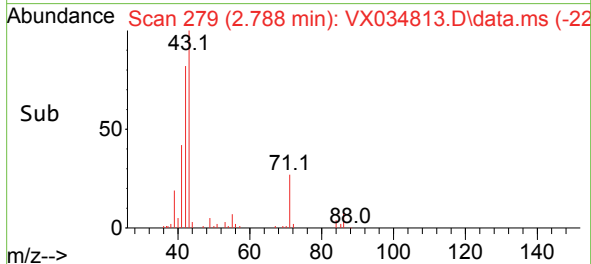
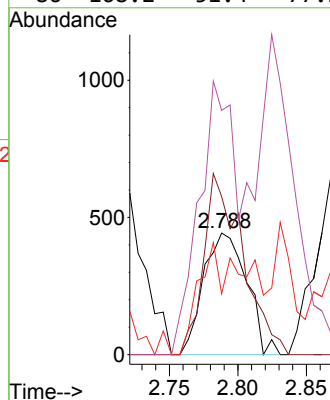
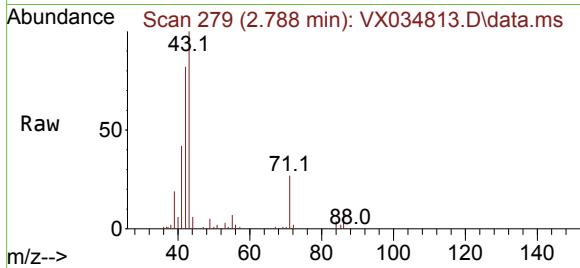




#20
Methylene Chloride
Concen: 0.269 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034813.D
Acq: 28 Mar 2023 23:01

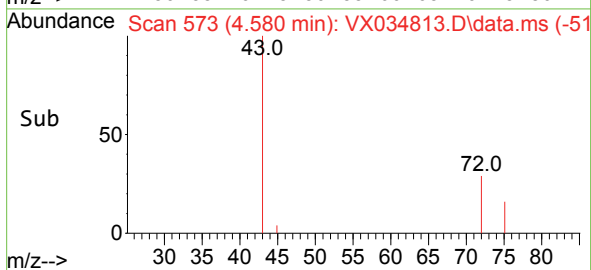
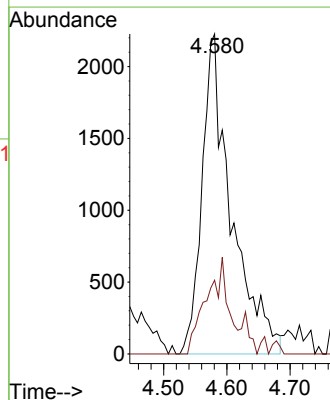
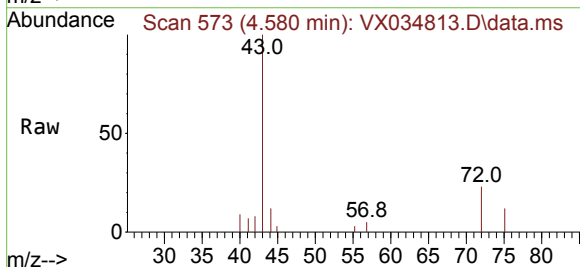
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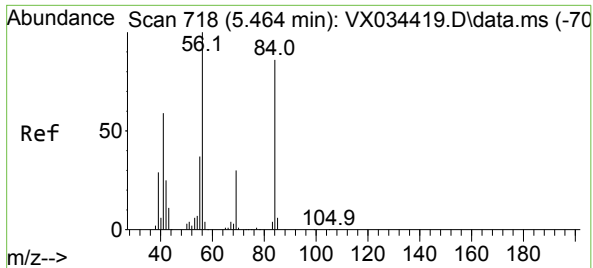
Tgt Ion: 84 Resp: 973
Ion Ratio Lower Upper
84 100
49 130.0 103.8 155.8
51 50.1 31.8 47.8#
86 168.2 51.4 77.2#



#25
2-Butanone
Concen: 2.694 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.037 min
Lab File: VX034813.D
Acq: 28 Mar 2023 23:01

Tgt Ion: 43 Resp: 7180
Ion Ratio Lower Upper
43 100
72 23.0 19.3 28.9

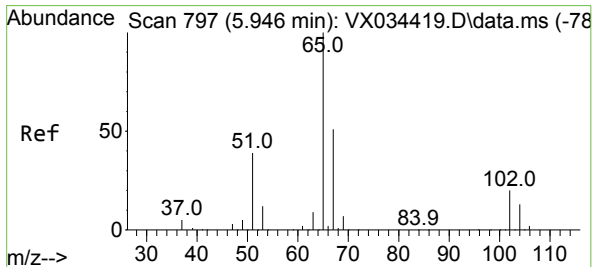
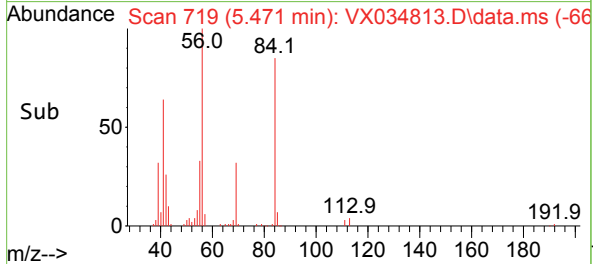
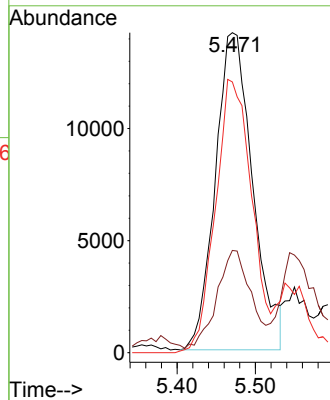
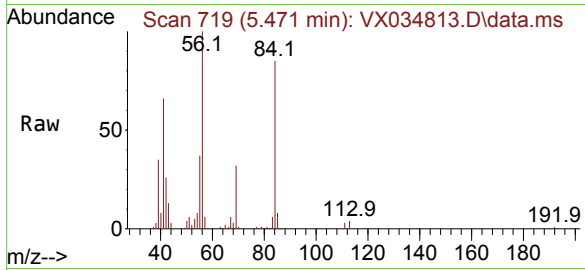




#31
Cyclohexane
Concen: 8.455 ug/l
RT: 5.471 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX034813.D
Acq: 28 Mar 2023 23:01

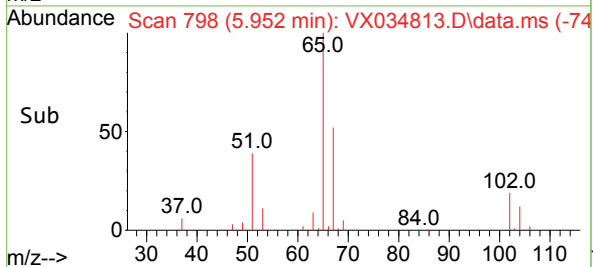
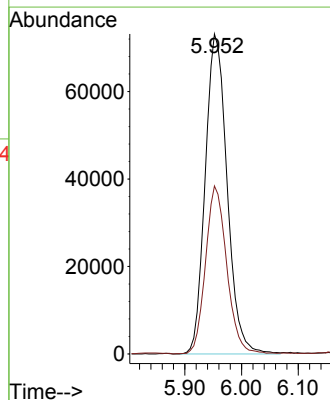
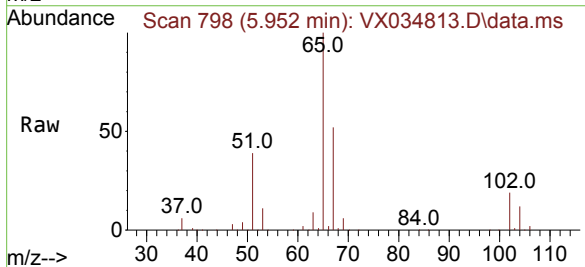
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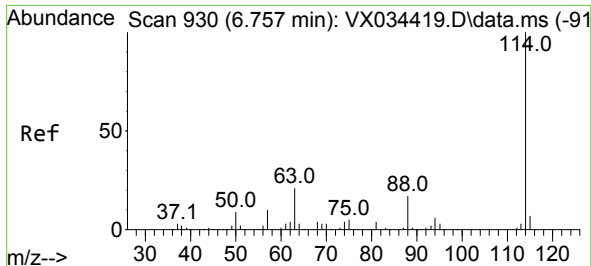
Tgt Ion: 56 Resp: 46881
Ion Ratio Lower Upper
56 100
69 29.9 23.7 35.5
84 84.9 68.5 102.7



#33
1,2-Dichloroethane-d4
Concen: 49.636 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034813.D
Acq: 28 Mar 2023 23:01

Tgt Ion: 65 Resp: 196251
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.0

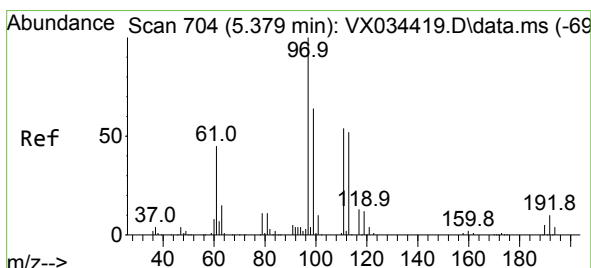
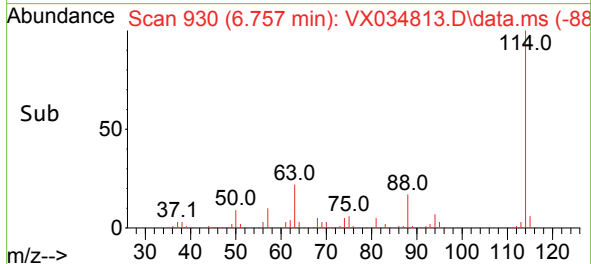
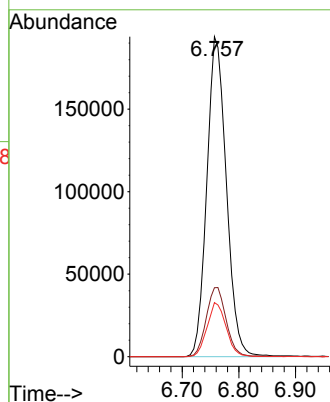
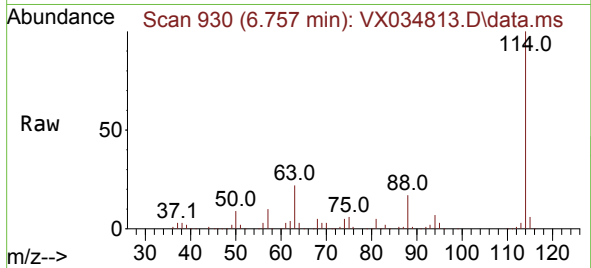




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX034813.D
 Acq: 28 Mar 2023 23:01

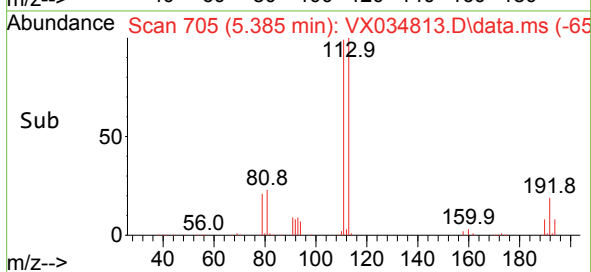
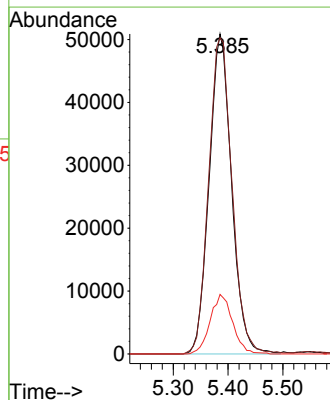
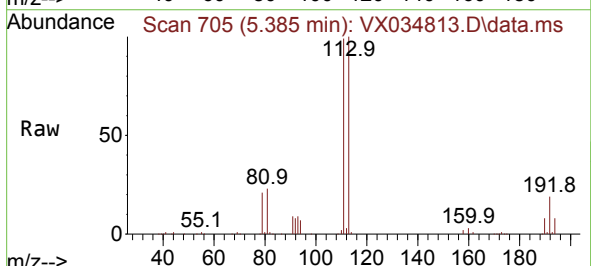
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

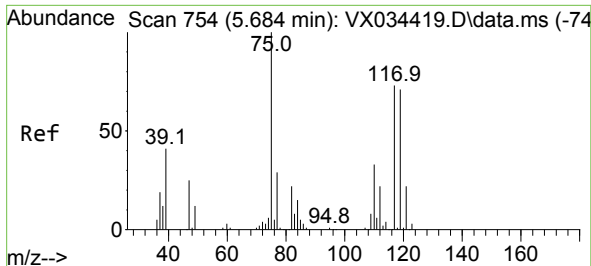
Tgt Ion:114 Resp: 463206
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 42.2
 88 16.9 0.0 33.2



#35
 Dibromofluoromethane
 Concen: 47.205 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.006 min
 Lab File: VX034813.D
 Acq: 28 Mar 2023 23:01

Tgt Ion:113 Resp: 144366
 Ion Ratio Lower Upper
 113 100
 111 102.9 83.7 125.5
 192 18.7 15.4 23.2





#36

1,1-Dichloropropene

Concen: 4.969 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX034813.D

Acq: 28 Mar 2023 23:01

Instrument :

MSVOA_X

ClientSampleId :

MW-3

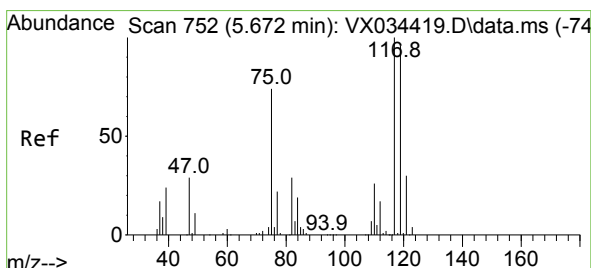
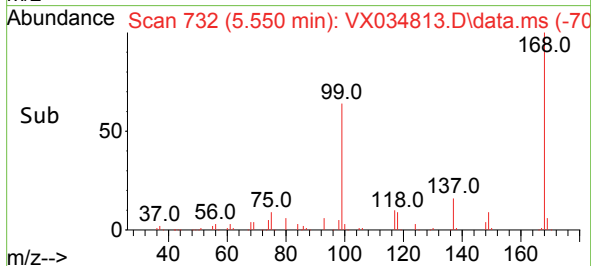
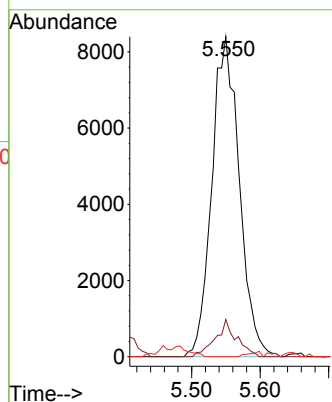
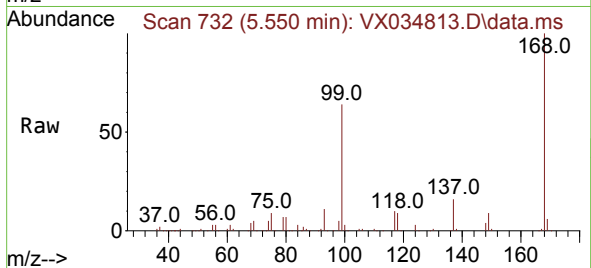
Tgt Ion: 75 Resp: 23341

Ion Ratio Lower Upper

75 100

110 8.9 17.5 52.5#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 6.224 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX034813.D

Acq: 28 Mar 2023 23:01

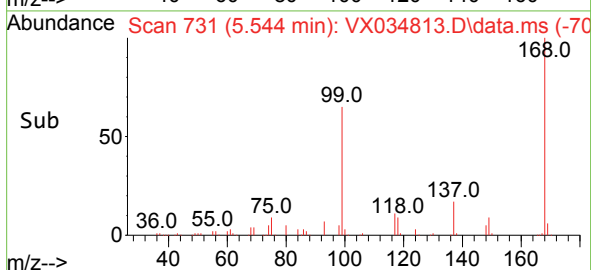
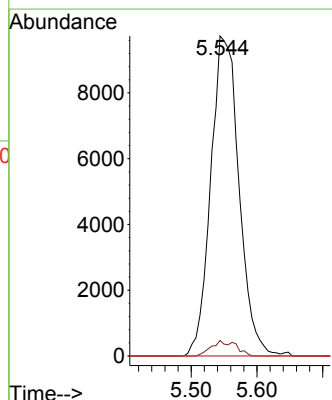
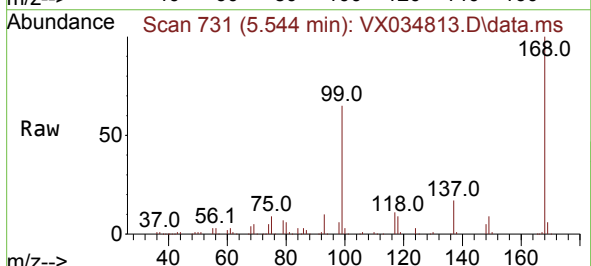
Tgt Ion: 117 Resp: 29086

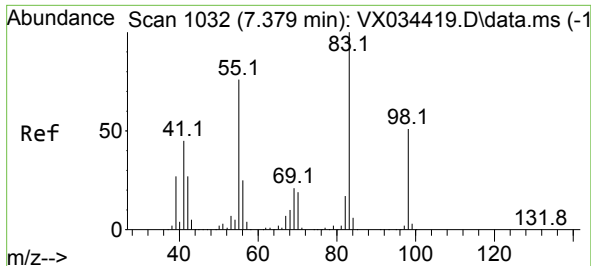
Ion Ratio Lower Upper

117 100

119 4.8 76.6 114.8#

121 0.0 23.8 35.6#





#39

Methylcyclohexane

Concen: 9.767 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034813.D

Acq: 28 Mar 2023 23:01

Instrument :

MSVOA_X

ClientSampleId :

MW-3

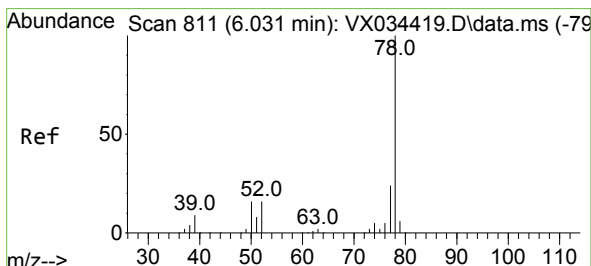
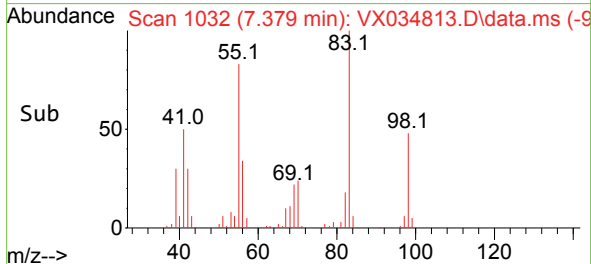
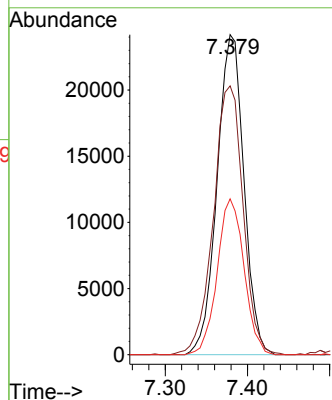
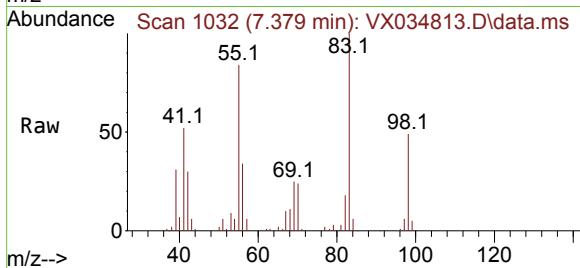
Tgt Ion: 83 Resp: 54904

Ion Ratio Lower Upper

83 100

55 83.6 60.5 90.7

98 48.7 40.4 60.6



#40

Benzene

Concen: 0.305 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.012 min

Lab File: VX034813.D

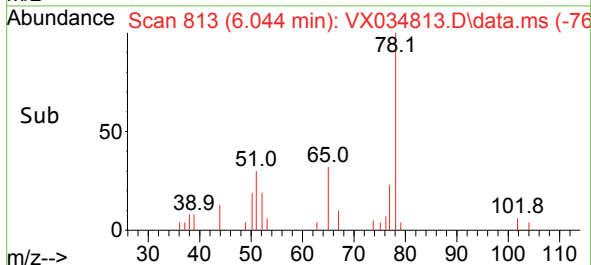
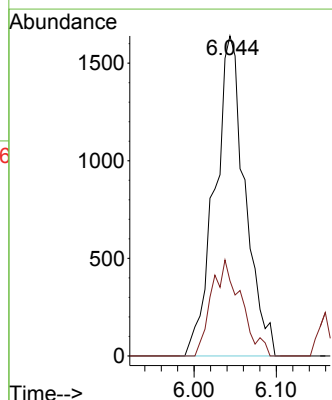
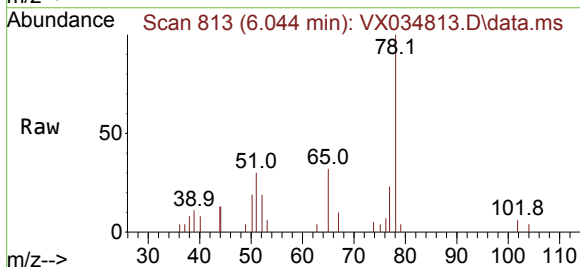
Acq: 28 Mar 2023 23:01

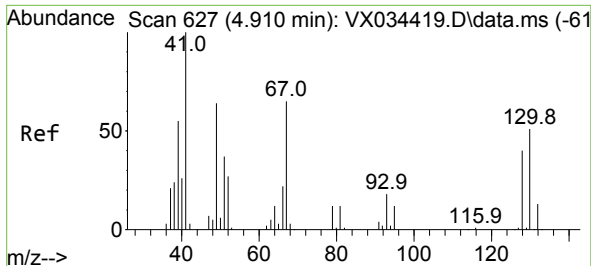
Tgt Ion: 78 Resp: 4196

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.4

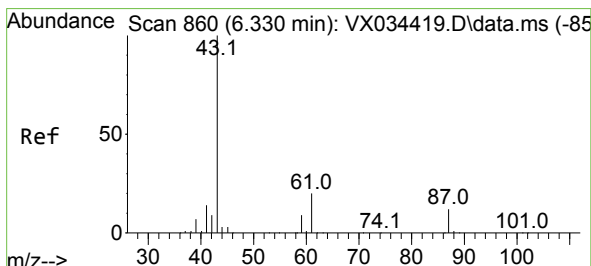
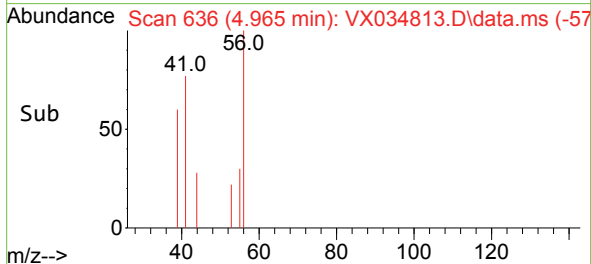
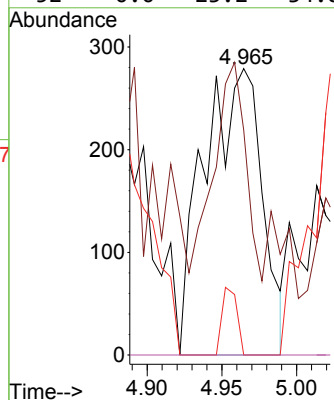
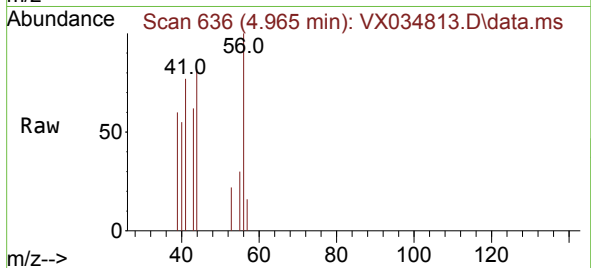




#41
Methacrylonitrile
Concen: 0.268 ug/l
RT: 4.965 min Scan# 61
Delta R.T. 0.055 min
Lab File: VX034813.D
Acq: 28 Mar 2023 23:01

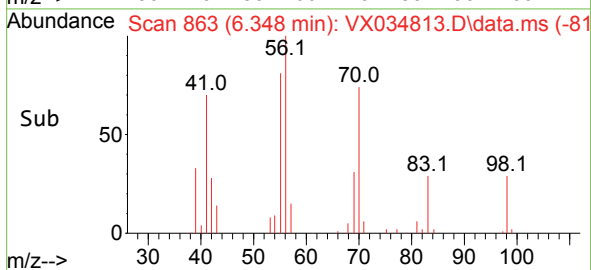
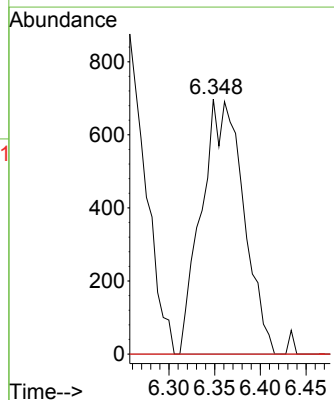
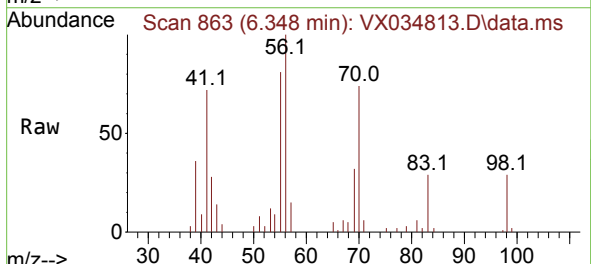
Instrument :
MSVOA_X
ClientSampleId :
MW-3

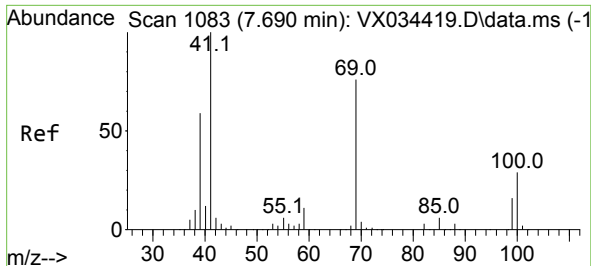
Tgt Ion: 41	Resp: 755		
Ion	Ratio	Lower	Upper
41	100		
39	40.8	45.0	67.6#
67	0.0	55.6	83.4#
52	0.0	23.2	34.8#



#43
Isopropyl Acetate
Concen: 0.258 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.018 min
Lab File: VX034813.D
Acq: 28 Mar 2023 23:01

Tgt Ion: 43	Resp: 2239
Ion Ratio	Lower Upper
43 100	
61 0.0	15.2 22.8#
87 0.0	9.8 14.8#

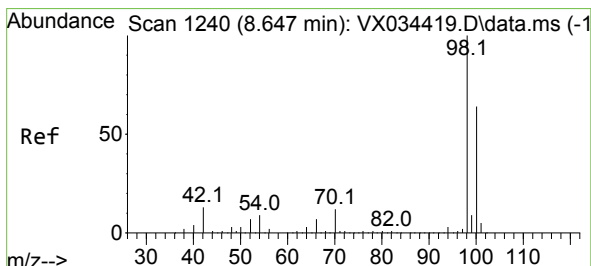
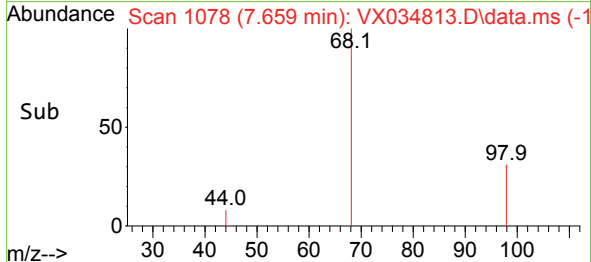
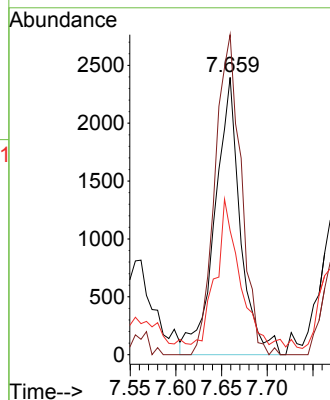
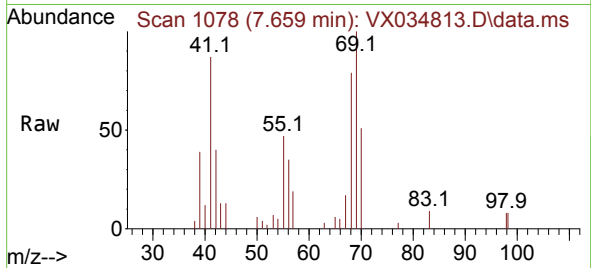




#48
Methyl methacrylate
Concen: 1.108 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.030 min
Lab File: VX034813.D
Acq: 28 Mar 2023 23:01

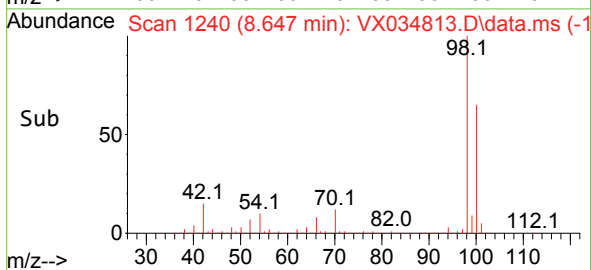
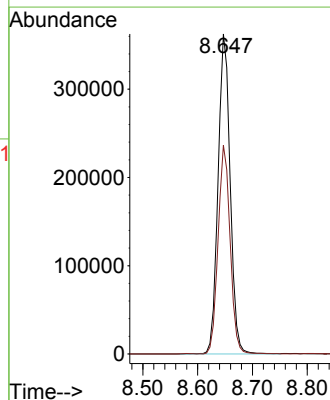
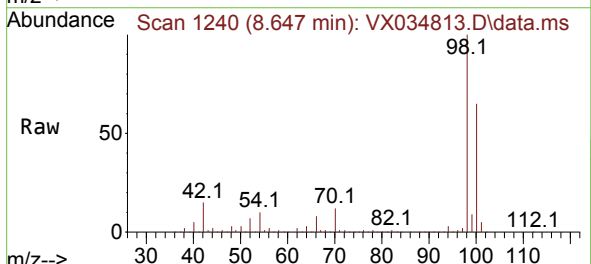
Instrument :
MSVOA_X
ClientSampleId :
MW-3

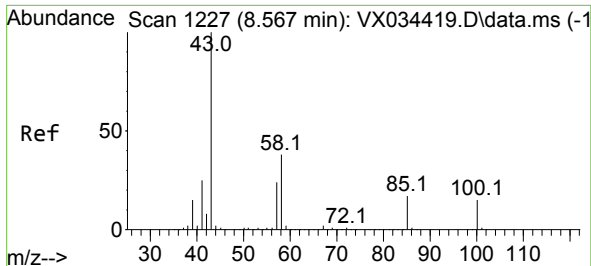
Tgt Ion: 41 Resp: 4631
Ion Ratio Lower Upper
41 100
69 118.3 62.2 93.4#
39 46.5 47.7 71.5#



#50
Toluene-d8
Concen: 48.870 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034813.D
Acq: 28 Mar 2023 23:01

Tgt Ion: 98 Resp: 557940
Ion Ratio Lower Upper
98 100
100 64.8 52.5 78.7

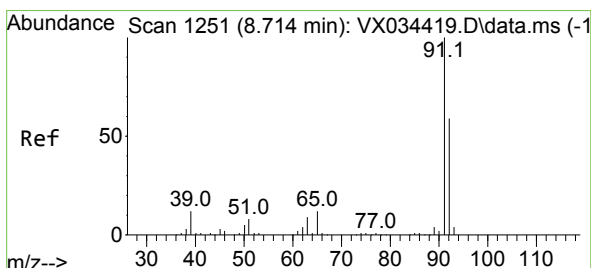
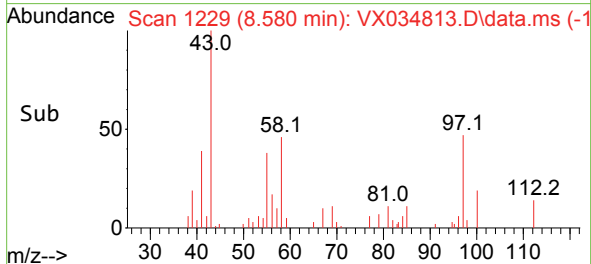
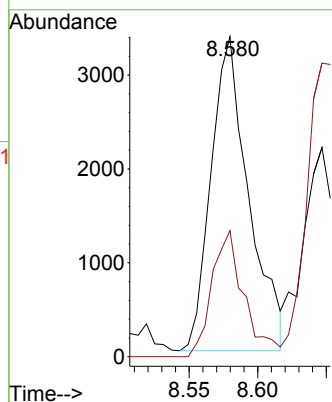
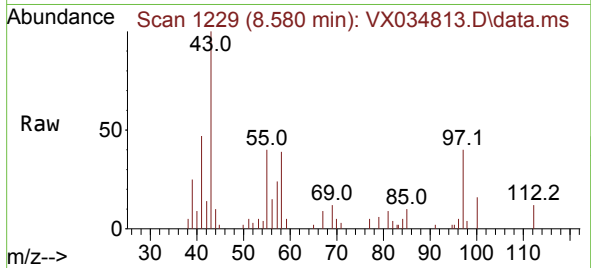




#51
4-Methyl-2-Pentanone
Concen: 1.269 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VX034813.D
Acq: 28 Mar 2023 23:01

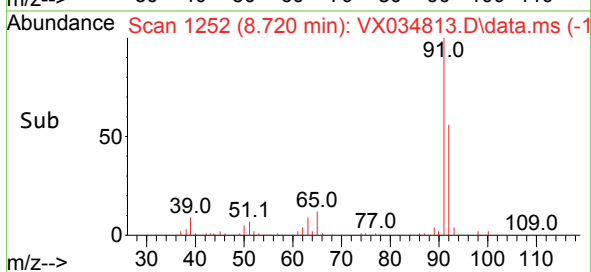
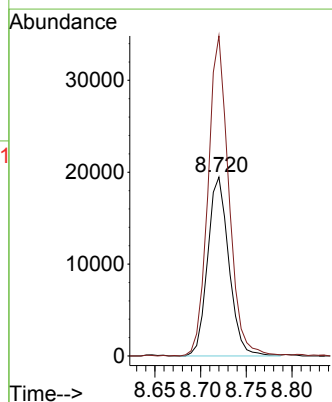
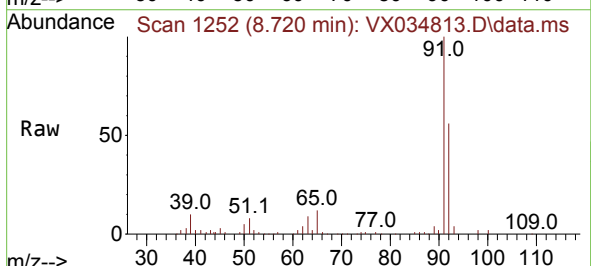
Instrument :
MSVOA_X
ClientSampleId :
MW-3

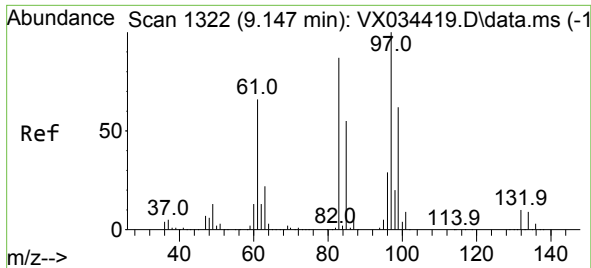
Tgt Ion: 43 Resp: 6400
Ion Ratio Lower Upper
43 100
58 34.1 30.6 46.0



#52
Toluene
Concen: 3.695 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034813.D
Acq: 28 Mar 2023 23:01

Tgt Ion: 92 Resp: 31436
Ion Ratio Lower Upper
92 100
91 175.1 136.8 205.2

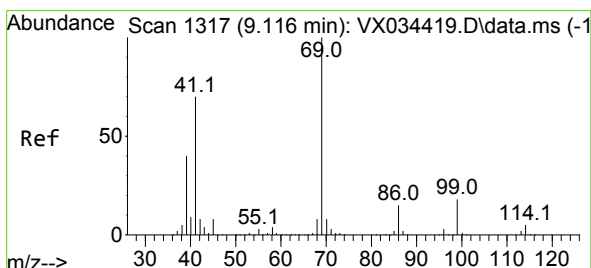
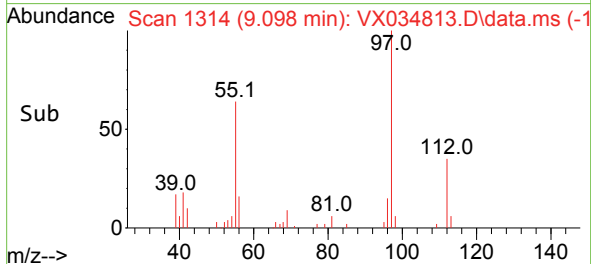
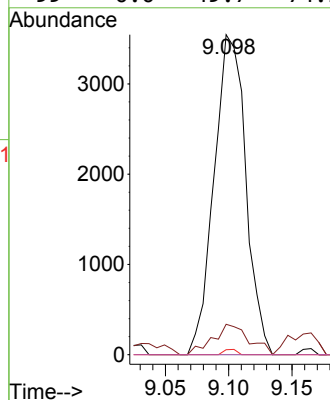
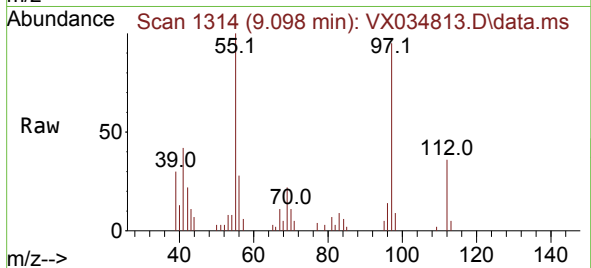




#55
 1,1,2-Trichloroethane
 Concen: 1.830 ug/l
 RT: 9.098 min Scan# 1314
 Delta R.T. -0.049 min
 Lab File: VX034813.D
 Acq: 28 Mar 2023 23:01

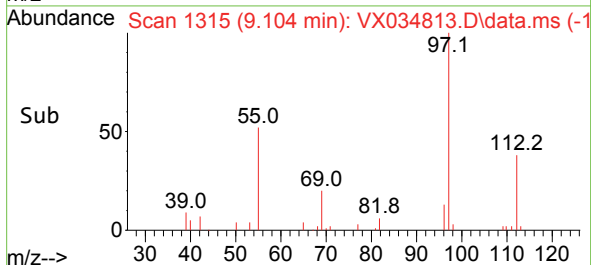
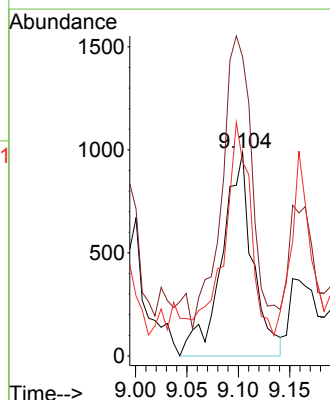
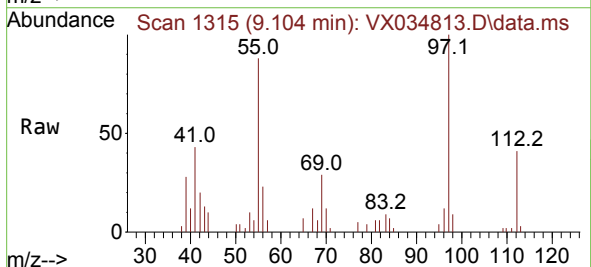
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

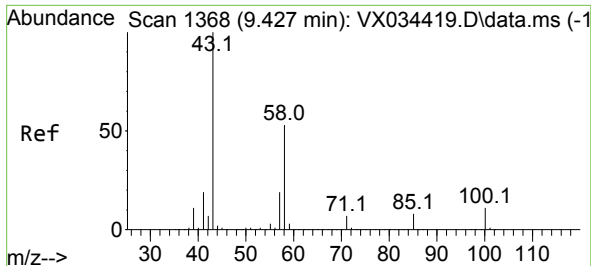
Tgt Ion:	97	Resp:	6177
Ion	Ratio	Lower	Upper
97	100		
83	9.5	69.7	104.5#
85	1.6	43.7	65.5#
99	0.0	49.7	74.5#



#56
 Ethyl methacrylate
 Concen: 0.371 ug/l
 RT: 9.104 min Scan# 1315
 Delta R.T. -0.012 min
 Lab File: VX034813.D
 Acq: 28 Mar 2023 23:01

Tgt Ion:	69	Resp:	2054
Ion	Ratio	Lower	Upper
69	100		
41	142.0	57.4	86.0#
39	87.1	33.7	50.5#

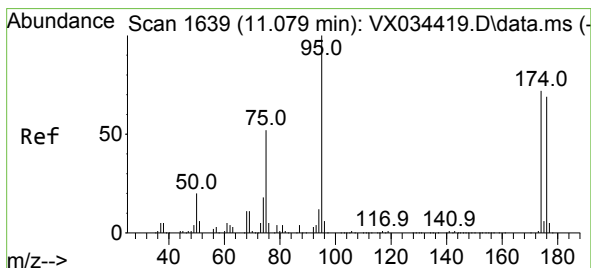
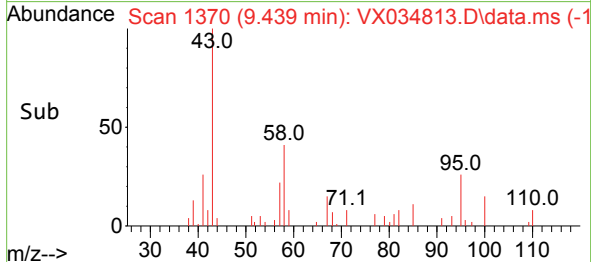
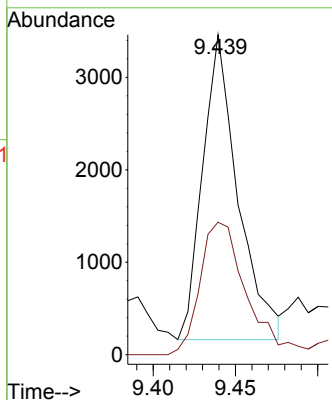
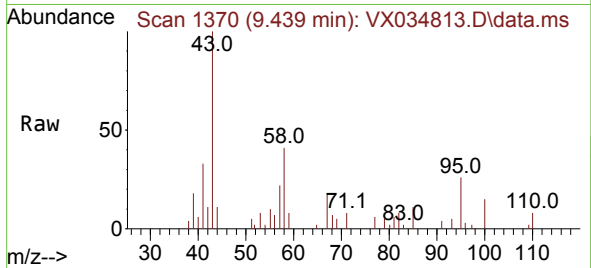




#59
2-Hexanone
Concen: 1.261 ug/l
RT: 9.439 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX034813.D
Acq: 28 Mar 2023 23:01

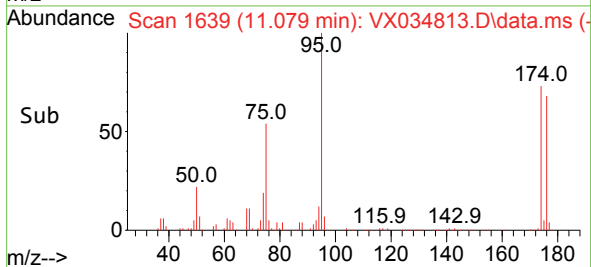
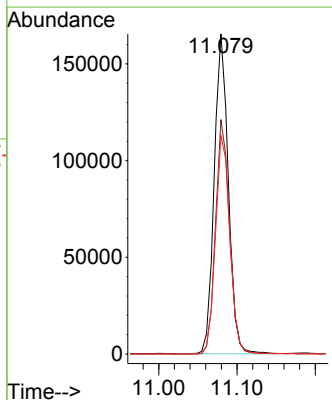
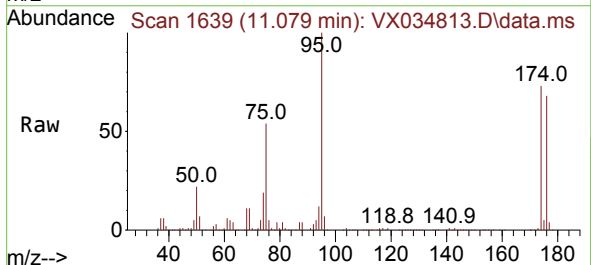
Instrument :
MSVOA_X
ClientSampleId :
MW-3

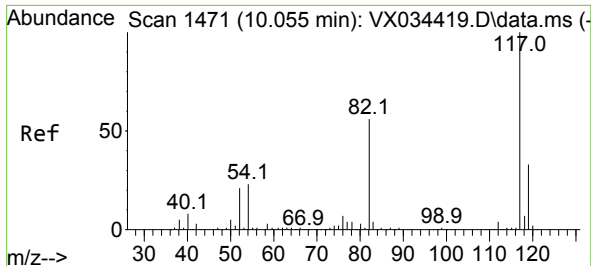
Tgt Ion: 43 Resp: 4915
Ion Ratio Lower Upper
43 100
58 56.9 26.3 78.9



#62
4-Bromofluorobenzene
Concen: 44.906 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034813.D
Acq: 28 Mar 2023 23:01

Tgt Ion: 95 Resp: 207084
Ion Ratio Lower Upper
95 100
174 72.8 0.0 147.4
176 69.6 0.0 140.6

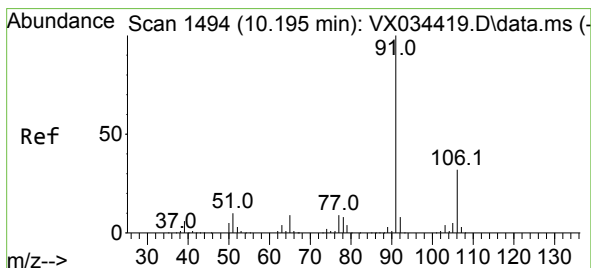
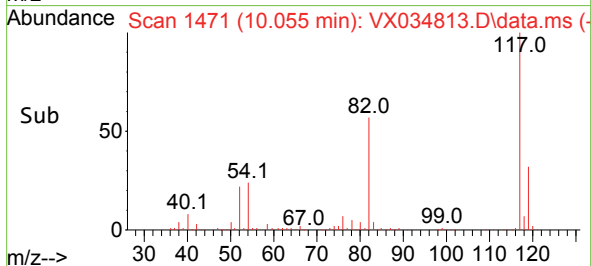
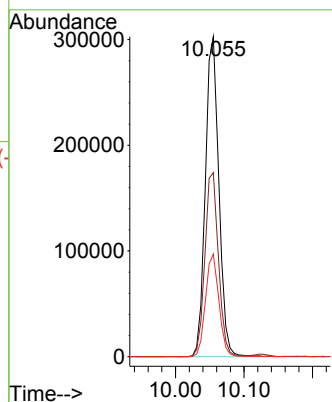
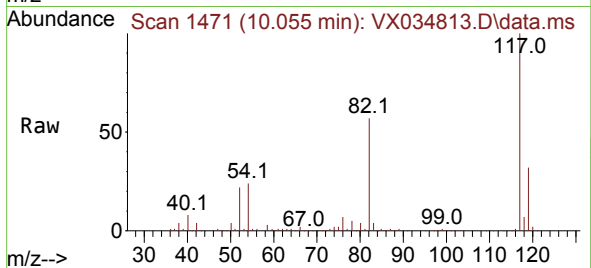




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034813.D
Acq: 28 Mar 2023 23:01

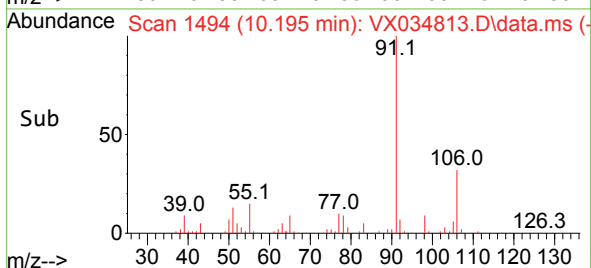
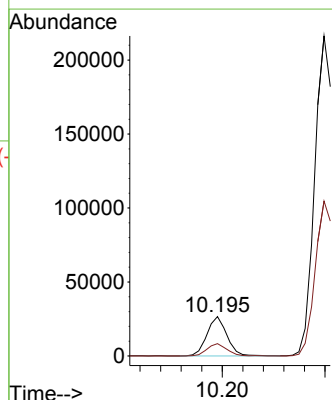
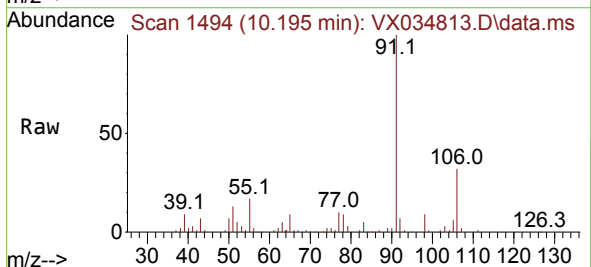
Instrument :
MSVOA_X
ClientSampleId :
MW-3

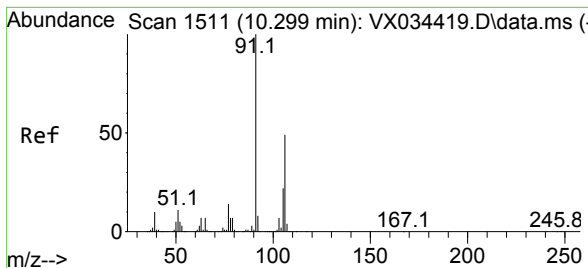
Tgt Ion:117 Resp: 415930
Ion Ratio Lower Upper
117 100
82 57.5 45.0 67.4
119 32.1 26.0 39.0



#67
Ethyl Benzene
Concen: 2.200 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034813.D
Acq: 28 Mar 2023 23:01

Tgt Ion: 91 Resp: 35949
Ion Ratio Lower Upper
91 100
106 31.5 25.6 38.4

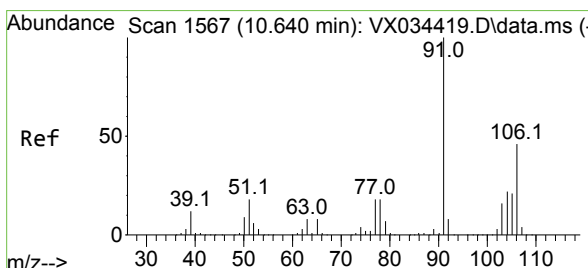
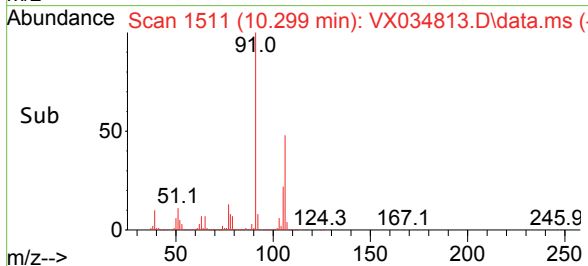
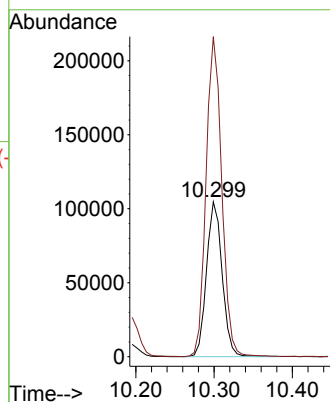
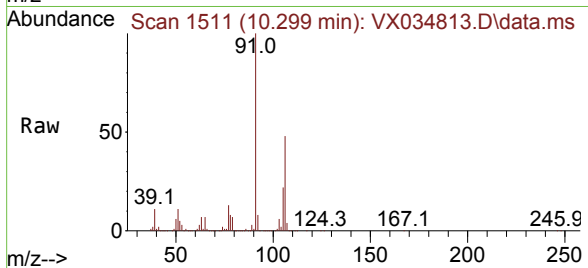




#68
m/p-Xylenes
Concen: 23.101 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034813.D
Acq: 28 Mar 2023 23:01

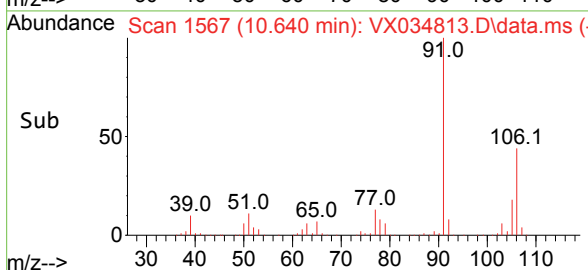
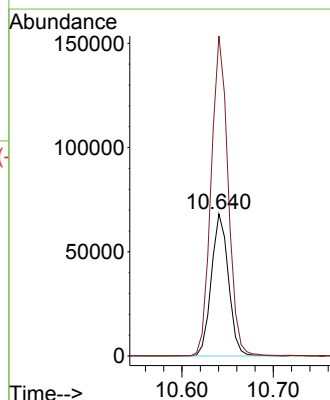
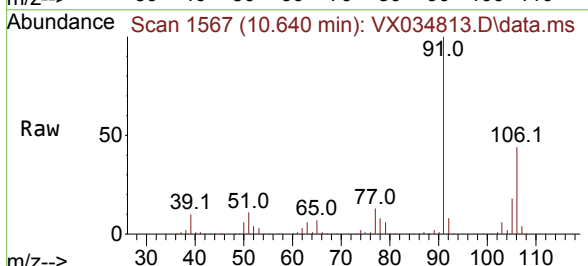
Instrument :
MSVOA_X
ClientSampleId :
MW-3

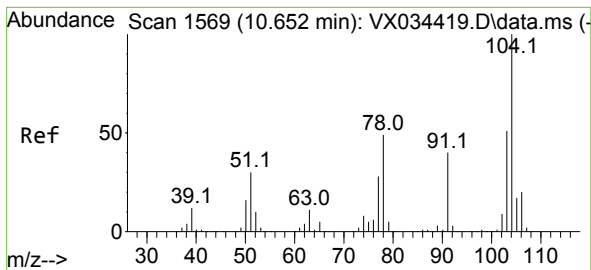
Tgt Ion:106 Resp: 144976
Ion Ratio Lower Upper
106 100
91 207.2 164.0 246.0



#69
o-Xylene
Concen: 14.011 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034813.D
Acq: 28 Mar 2023 23:01

Tgt Ion:106 Resp: 88245
Ion Ratio Lower Upper
106 100
91 223.9 108.5 325.3





#70

Styrene

Concen: 0.474 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.012 min

Lab File: VX034813.D

Acq: 28 Mar 2023 23:01

Instrument :

MSVOA_X

ClientSampleId :

MW-3

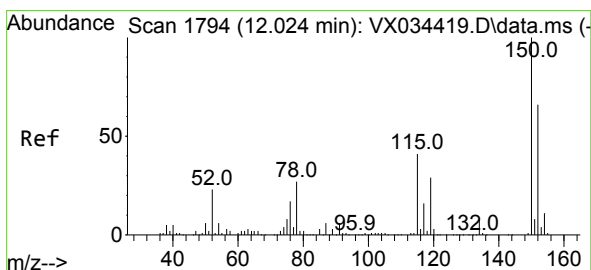
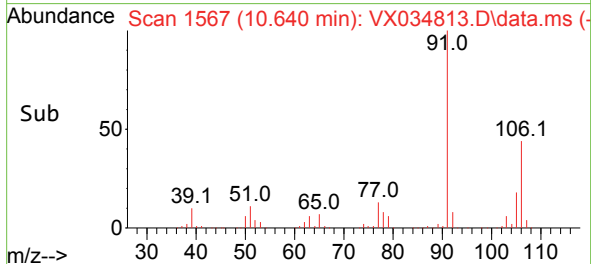
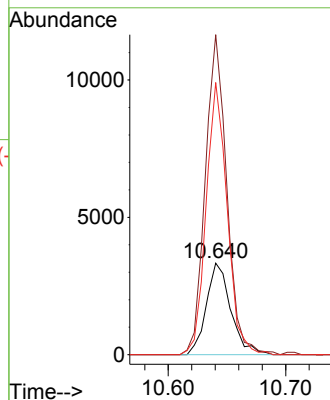
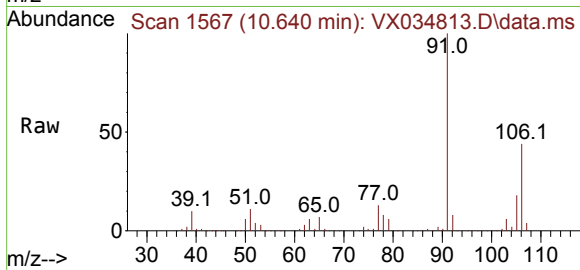
Tgt Ion:104 Resp: 4818

Ion Ratio Lower Upper

104 100

78 307.1 43.4 65.2#

103 256.3 44.2 66.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX034813.D

Acq: 28 Mar 2023 23:01

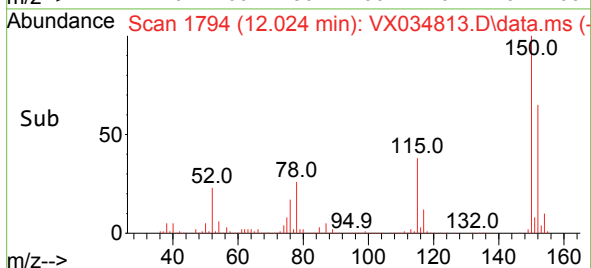
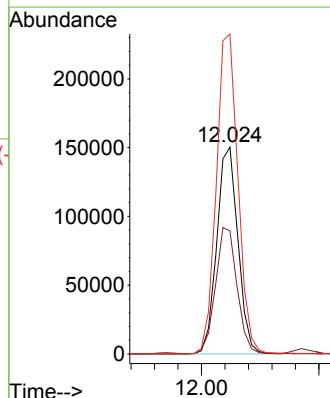
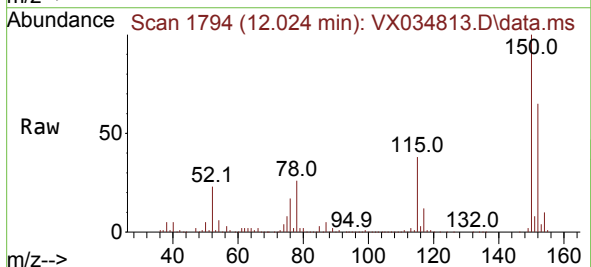
Tgt Ion:152 Resp: 188338

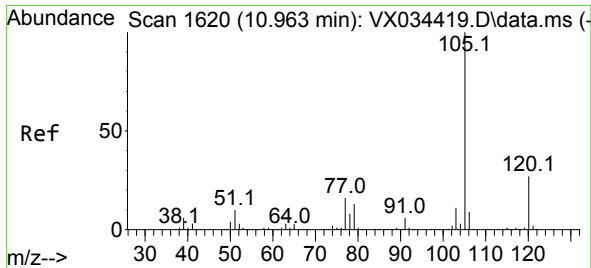
Ion Ratio Lower Upper

152 100

115 62.0 45.0 135.0

150 158.7 0.0 352.4

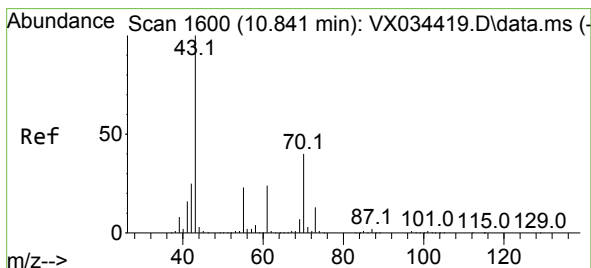
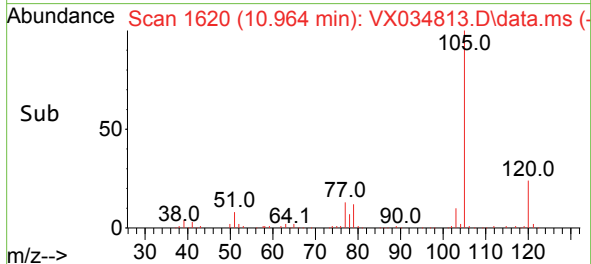
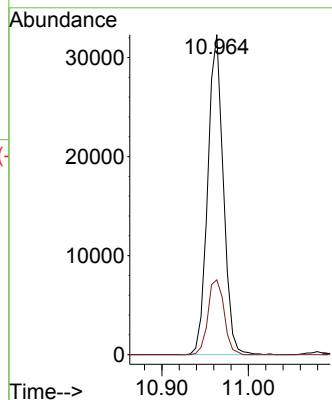
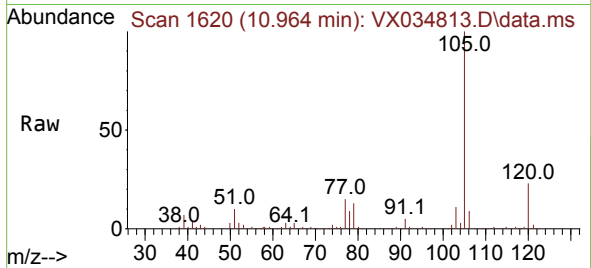




#73
Isopropylbenzene
Concen: 2.765 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX034813.D
Acq: 28 Mar 2023 23:01

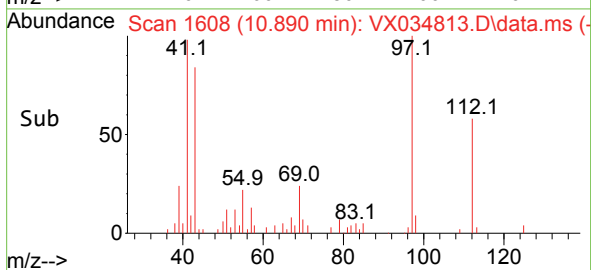
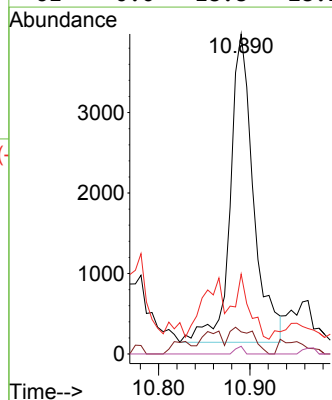
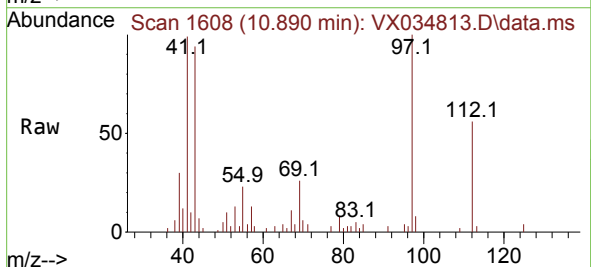
Instrument :
MSVOA_X
ClientSampleId :
MW-3

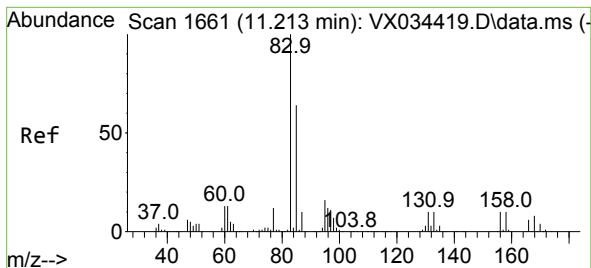
Tgt Ion:105 Resp: 40246
Ion Ratio Lower Upper
105 100
120 24.4 13.3 39.9



#74
N-ethyl acetate
Concen: 0.979 ug/l
RT: 10.890 min Scan# 1608
Delta R.T. 0.049 min
Lab File: VX034813.D
Acq: 28 Mar 2023 23:01

Tgt Ion: 43 Resp: 6823
Ion Ratio Lower Upper
43 100
70 8.7 32.1 48.1#
55 9.7 18.3 27.5#
61 0.0 18.8 28.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.296 ug/l

RT: 11.226 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX034813.D

Acq: 28 Mar 2023 23:01

Instrument :

MSVOA_X

ClientSampleId :

MW-3

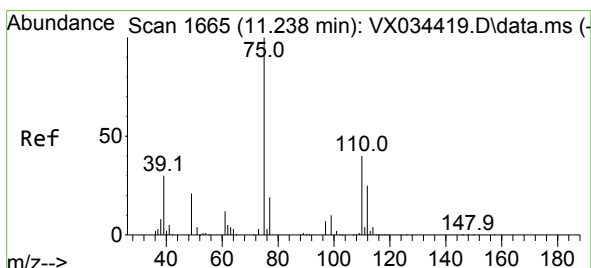
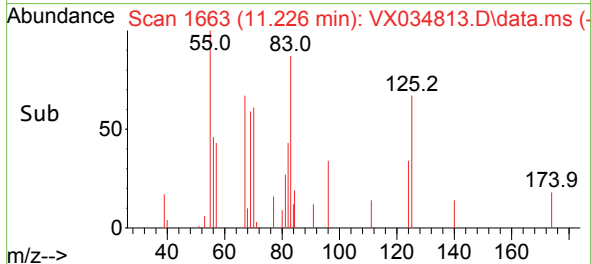
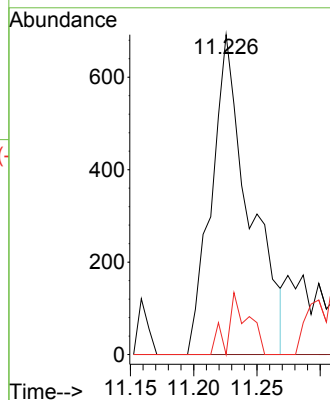
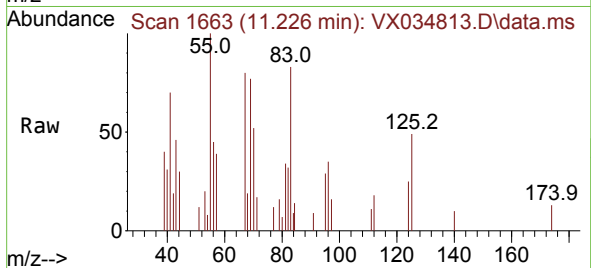
Tgt Ion: 83 Resp: 1439

Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.3#

85 10.7 32.0 96.0#



#76

1,2,3-Trichloropropane

Concen: 25.997 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX034813.D

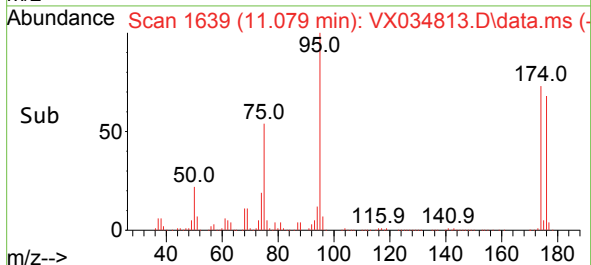
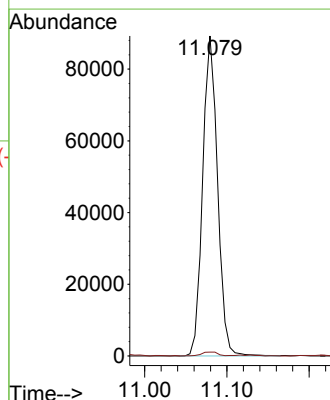
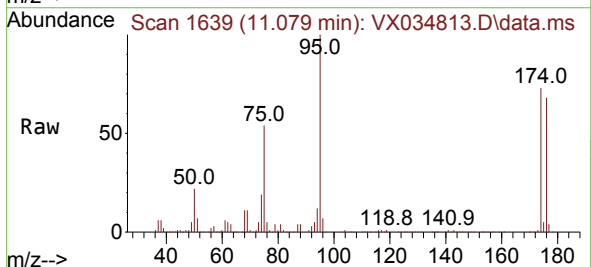
Acq: 28 Mar 2023 23:01

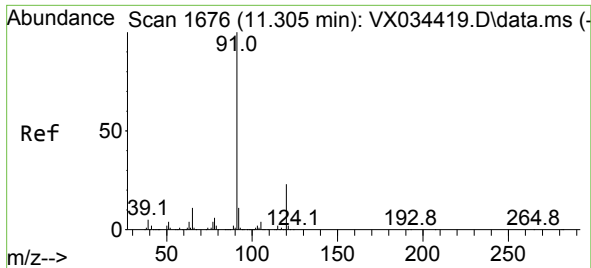
Tgt Ion: 75 Resp: 112422

Ion Ratio Lower Upper

75 100

77 1.4 21.6 64.8#

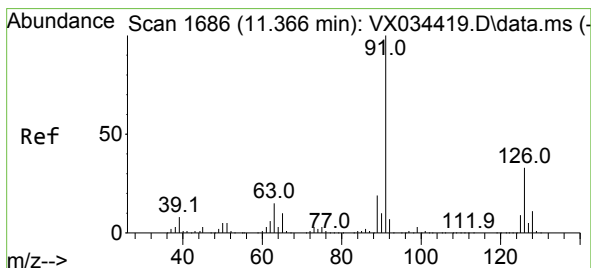
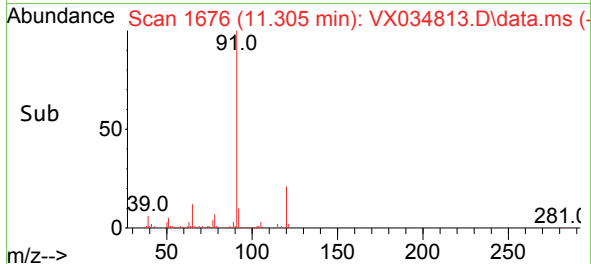
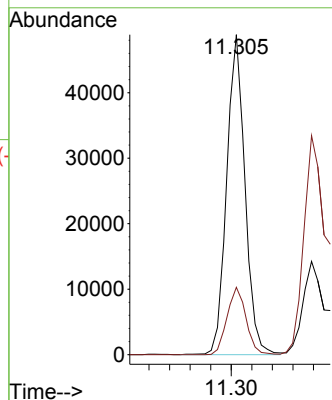
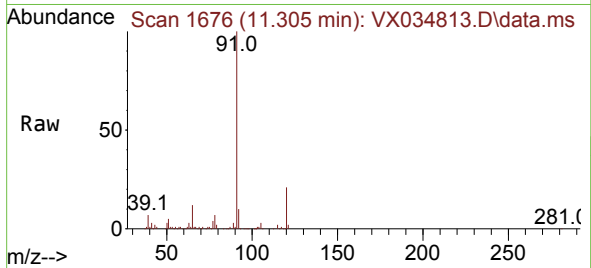




#78
n-propylbenzene
Concen: 3.594 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX034813.D
Acq: 28 Mar 2023 23:01

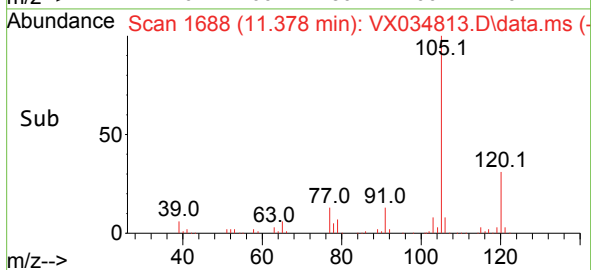
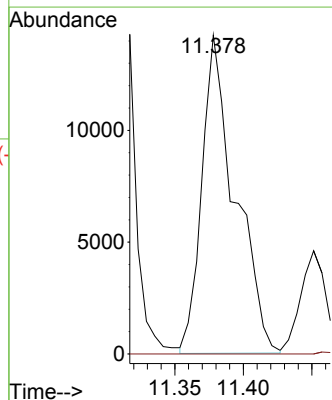
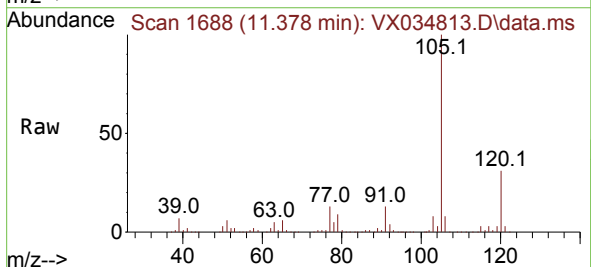
Instrument :
MSVOA_X
ClientSampleId :
MW-3

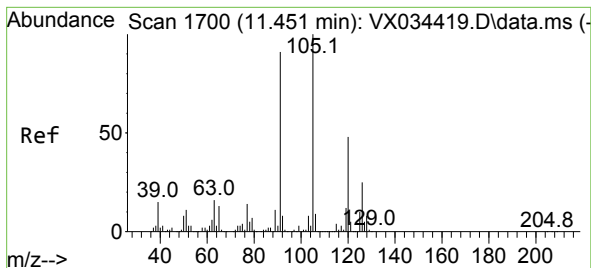
Tgt Ion: 91 Resp: 60414
Ion Ratio Lower Upper
91 100
120 21.9 11.5 34.5



#79
2-Chlorotoluene
Concen: 2.314 ug/l
RT: 11.378 min Scan# 1688
Delta R.T. 0.012 min
Lab File: VX034813.D
Acq: 28 Mar 2023 23:01

Tgt Ion: 91 Resp: 24025
Ion Ratio Lower Upper
91 100
126 0.0 16.3 48.9#





#80

1,3,5-Trimethylbenzene

Concen: 4.048 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034813.D

Acq: 28 Mar 2023 23:01

Instrument :

MSVOA_X

ClientSampleId :

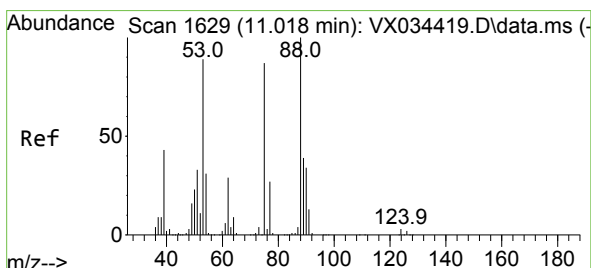
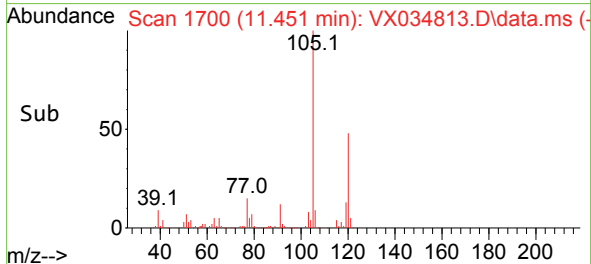
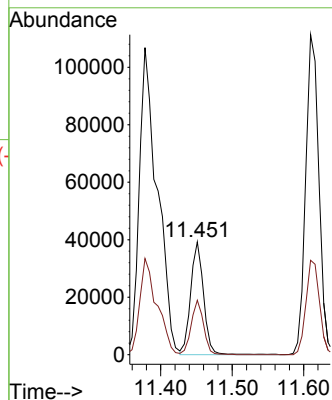
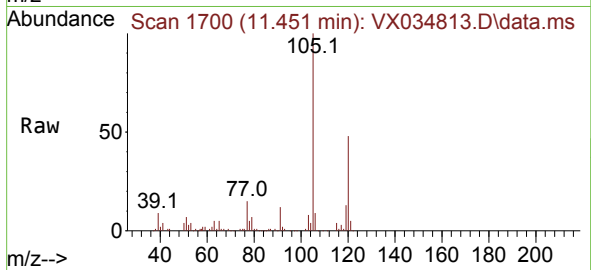
MW-3

Tgt Ion:105 Resp: 49419

Ion Ratio Lower Upper

105 100

120 46.1 23.7 71.1



#81

trans-1,4-Dichloro-2-butene

Concen: 70.329 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX034813.D

Acq: 28 Mar 2023 23:01

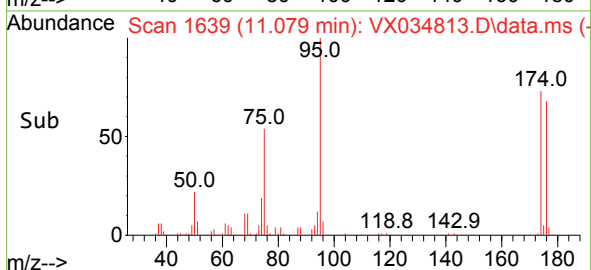
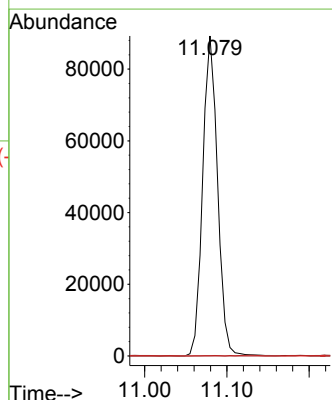
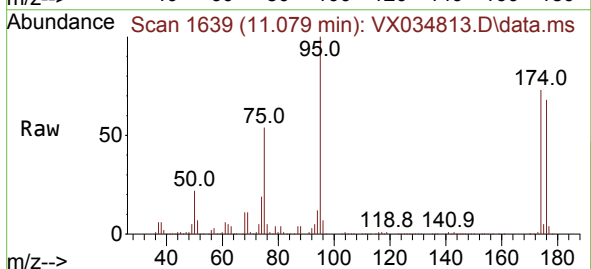
Tgt Ion: 75 Resp: 112422

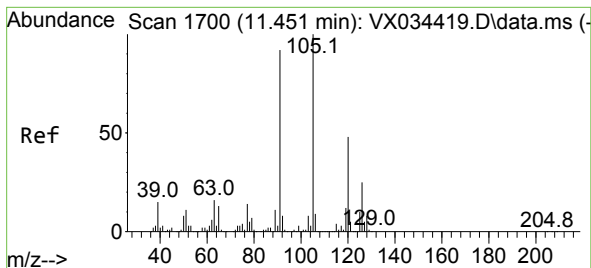
Ion Ratio Lower Upper

75 100

53 0.1 82.6 124.0#

89 0.0 36.9 55.3#





#82

4-Chlorotoluene

Concen: 0.493 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034813.D

Acq: 28 Mar 2023 23:01

Instrument :

MSVOA_X

ClientSampleId :

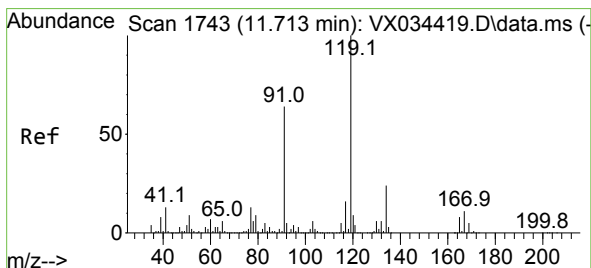
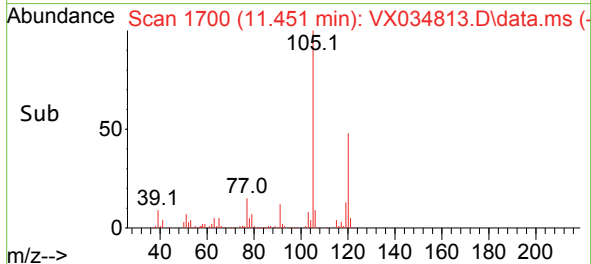
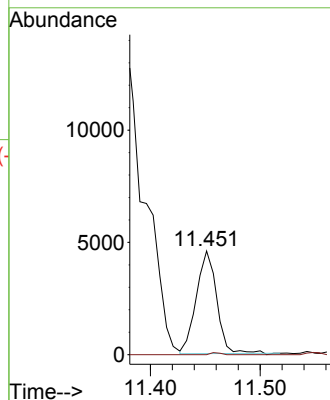
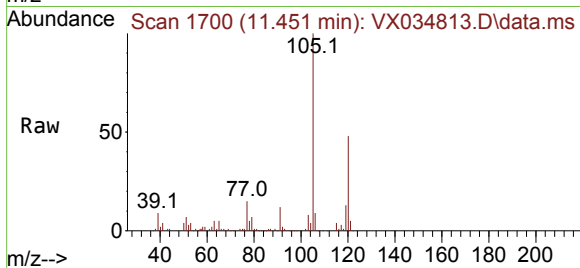
MW-3

Tgt Ion: 91 Resp: 5896

Ion Ratio Lower Upper

91 100

126 0.9 14.2 42.6#



#83

tert-Butylbenzene

Concen: 2.572 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.037 min

Lab File: VX034813.D

Acq: 28 Mar 2023 23:01

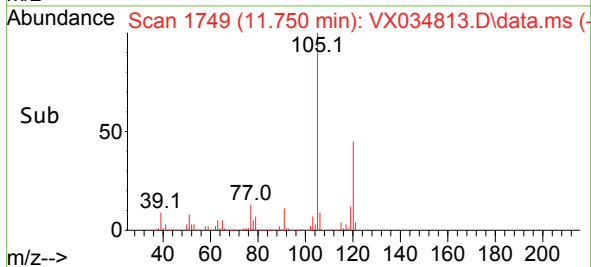
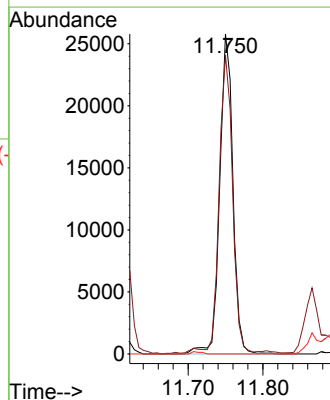
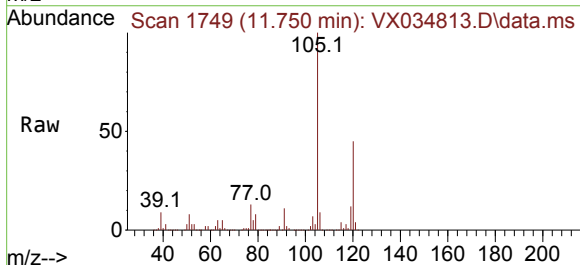
Tgt Ion: 119 Resp: 31658

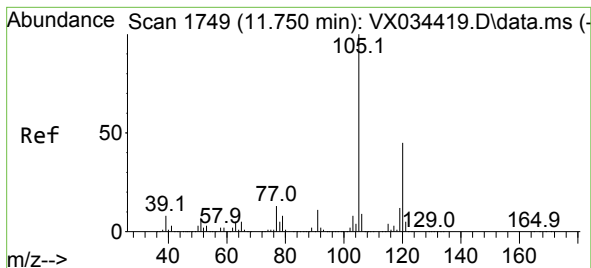
Ion Ratio Lower Upper

119 100

91 92.0 30.6 92.0#

134 0.0 11.8 35.4#





#84

1,2,4-Trimethylbenzene

Concen: 21.135 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX034813.D

Acq: 28 Mar 2023 23:01

Instrument :

MSVOA_X

ClientSampleId :

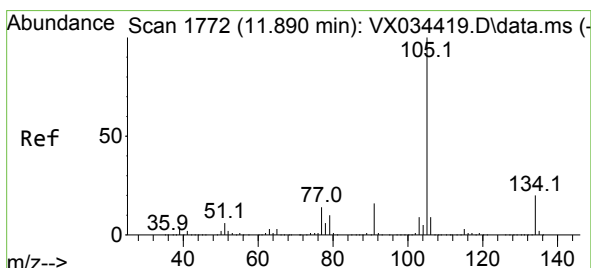
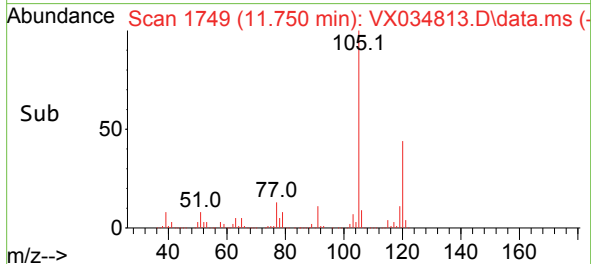
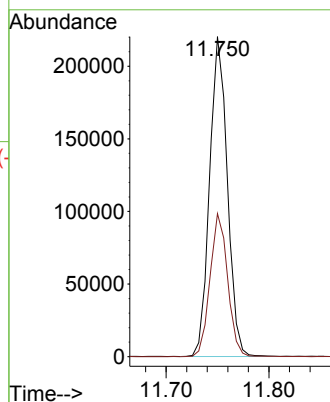
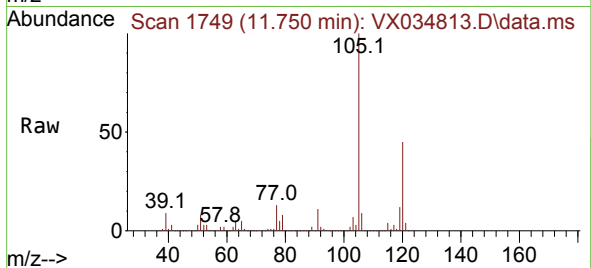
MW-3

Tgt Ion:105 Resp: 263718

Ion Ratio Lower Upper

105 100

120 44.5 22.4 67.0



#85

sec-Butylbenzene

Concen: 0.704 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX034813.D

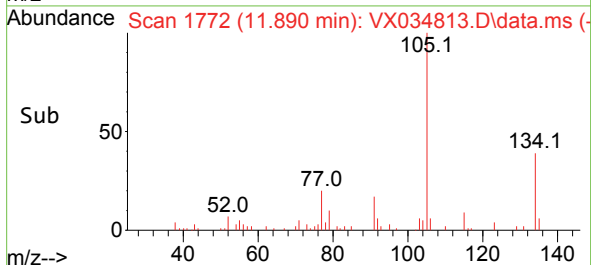
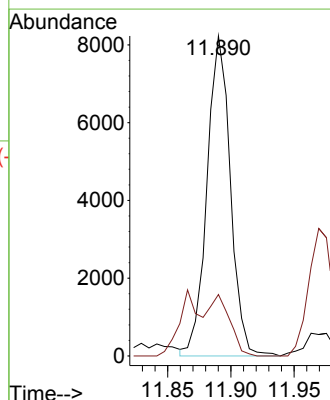
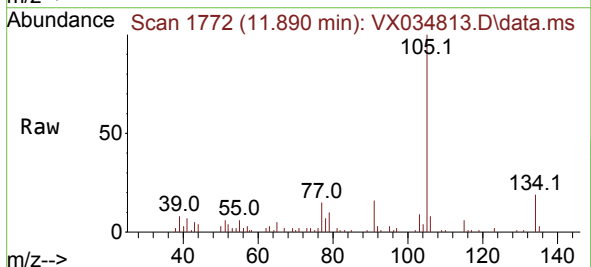
Acq: 28 Mar 2023 23:01

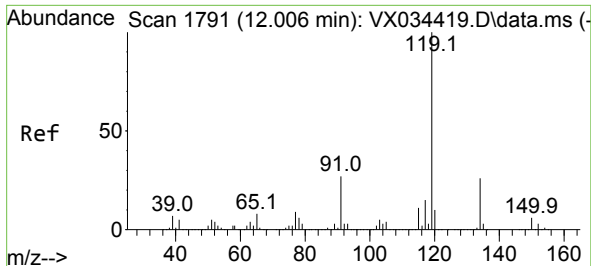
Tgt Ion:105 Resp: 10599

Ion Ratio Lower Upper

105 100

134 16.8 10.2 30.4

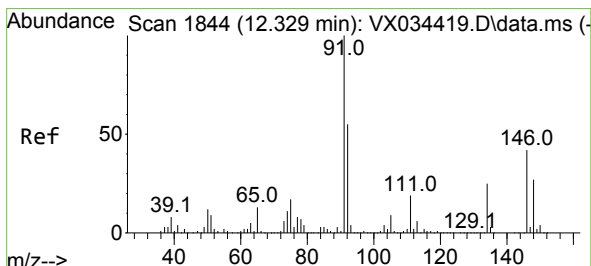
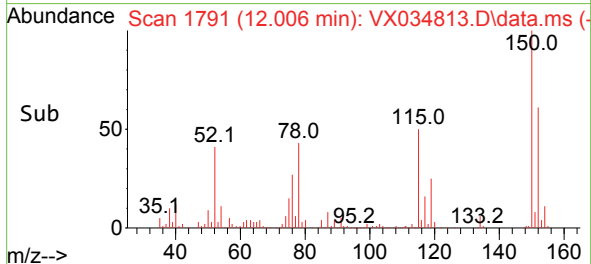
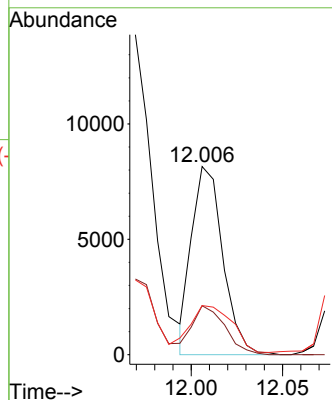
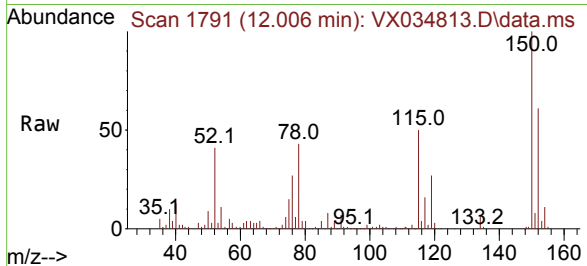




#86
p-Isopropyltoluene
Concen: 0.765 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX034813.D
Acq: 28 Mar 2023 23:01

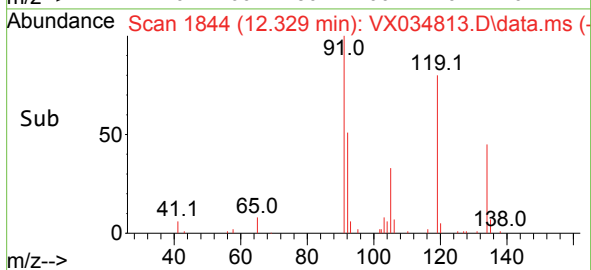
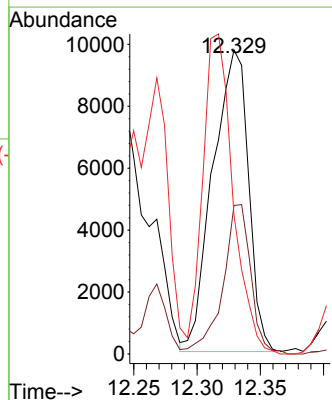
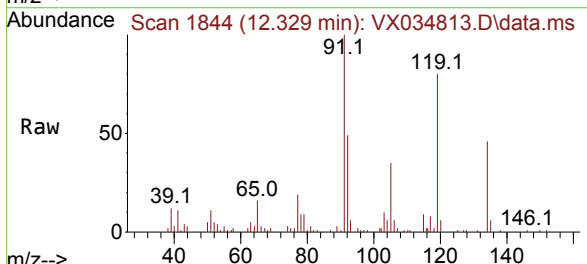
Instrument :
MSVOA_X
ClientSampleId :
MW-3

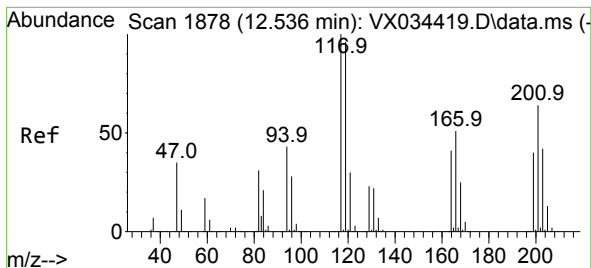
Tgt Ion:119 Resp: 9672
Ion Ratio Lower Upper
119 100
134 29.1 13.2 39.5
91 33.9 12.9 38.7



#89
n-Butylbenzene
Concen: 1.697 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX034813.D
Acq: 28 Mar 2023 23:01

Tgt Ion: 91 Resp: 19076
Ion Ratio Lower Upper
91 100
92 38.6 27.7 83.0
134 89.6 13.0 38.9#





#90

Hexachloroethane

Concen: 2.722 ug/l

RT: 12.530 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX034813.D

Acq: 28 Mar 2023 23:01

Instrument :

MSVOA_X

ClientSampleId :

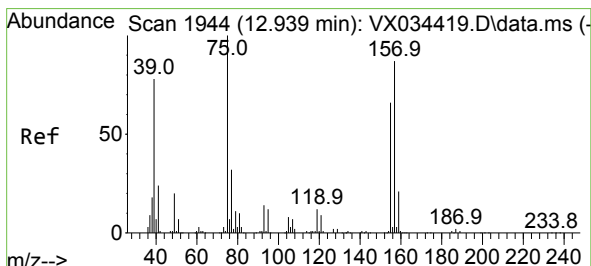
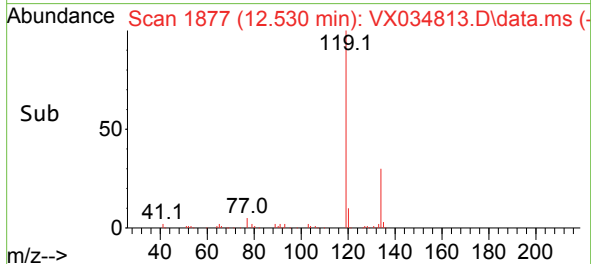
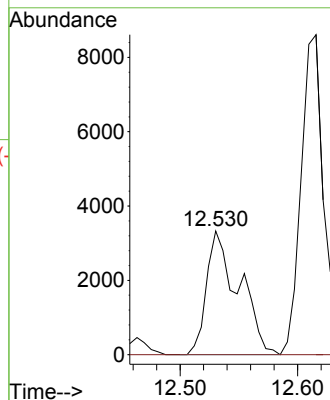
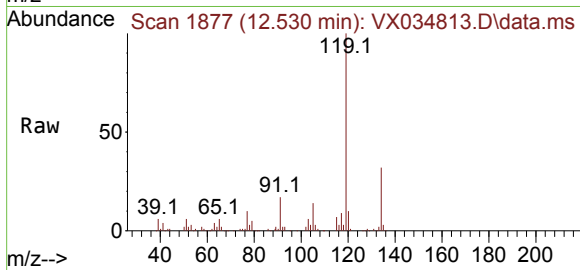
MW-3

Tgt Ion:117 Resp: 6371

Ion Ratio Lower Upper

117 100

201 0.0 34.4 103.1#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.594 ug/l

RT: 12.920 min Scan# 1941

Delta R.T. -0.018 min

Lab File: VX034813.D

Acq: 28 Mar 2023 23:01

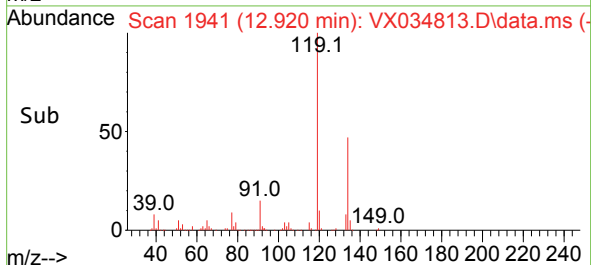
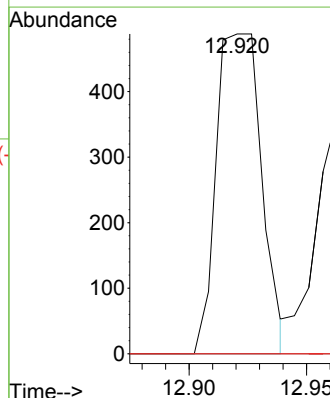
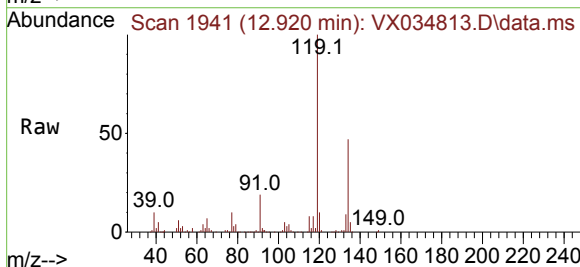
Tgt Ion: 75 Resp: 656

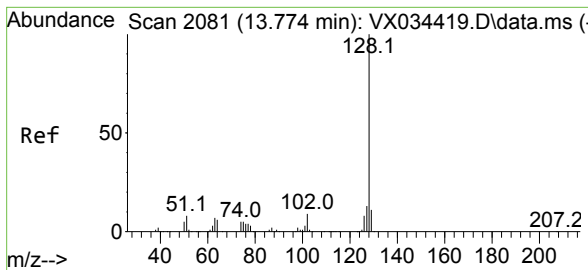
Ion Ratio Lower Upper

75 100

155 0.0 38.4 115.1#

157 0.0 49.9 149.7#





#95
Naphthalene
Concen: 12.874 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034813.D
Acq: 28 Mar 2023 23:01

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tgt Ion:	128	Resp:	178520
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	11.6	8.6	13.0

