

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041223\
 Data File : VX035020.D
 Acq On : 11 Apr 2023 19:26
 Operator : JC/MD
 Sample : 02272-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2-040623

Quant Time: Apr 12 05:54:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

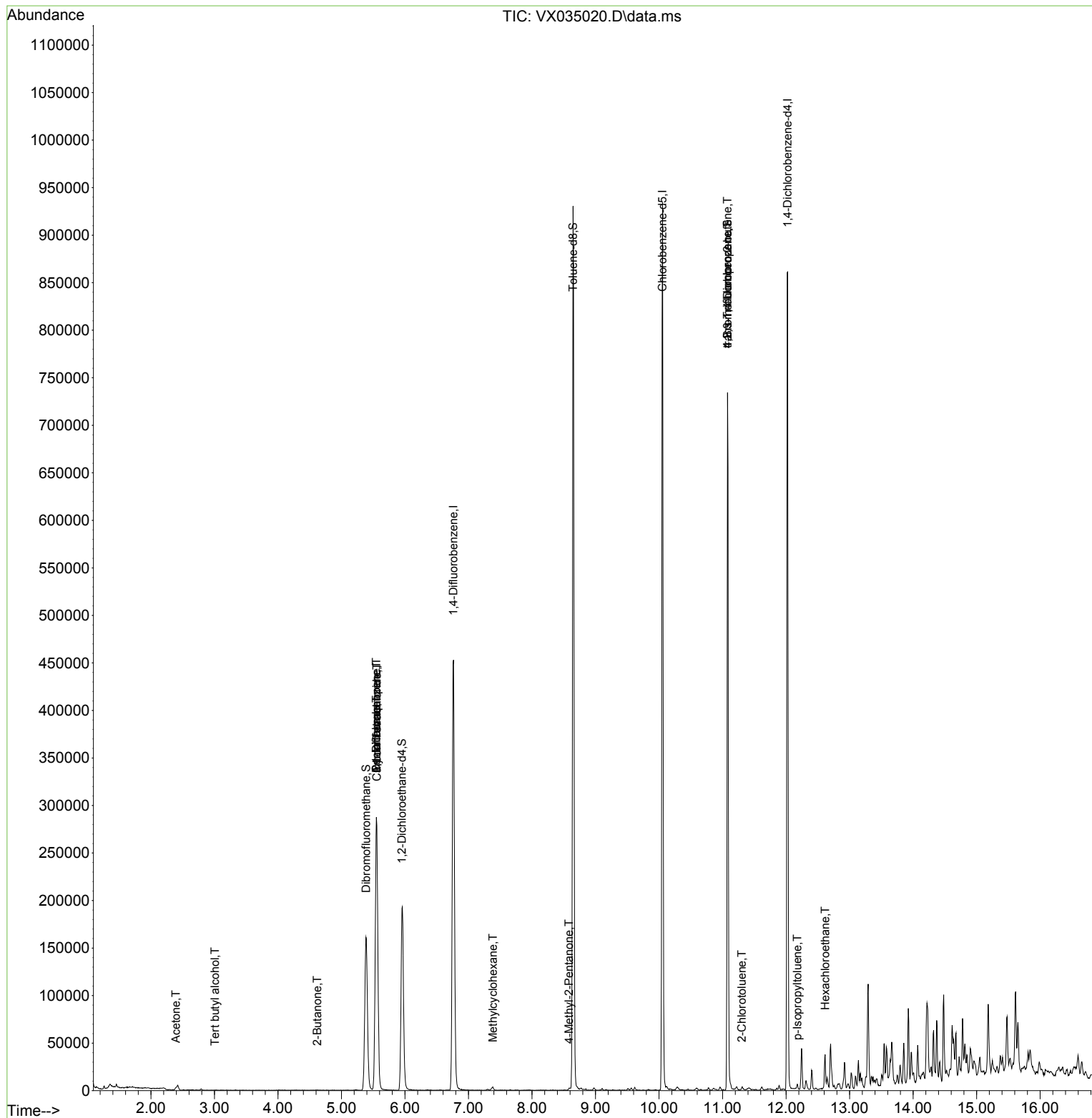
Internal Standards						
1) Pentafluorobenzene	5.550	168	259989	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	451007	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	406982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	184206	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	193503	48.666	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.340%		
35) Dibromofluoromethane	5.385	113	142798	47.870	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.740%		
50) Toluene-d8	8.647	98	539299	48.980	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.960%		
62) 4-Bromofluorobenzene	11.079	95	201390	47.265	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.540%		
Target Compounds						Qvalue
11) Tert butyl alcohol	3.007	59	207	0.297	ug/l #	73
16) Acetone	2.392	43	3645	2.257	ug/l	93
25) 2-Butanone	4.617	43	668	0.284	ug/l #	51
31) Cyclohexane	5.550	56	6274	1.296	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	21807	4.934	ug/l #	50
38) Carbon Tetrachloride	5.556	117	28087	6.741	ug/l #	15
39) Methylcyclohexane	7.385	83	1475	0.314	ug/l #	88
51) 4-Methyl-2-Pentanone	8.580	43	1019	0.223	ug/l	89
76) 1,2,3-Trichloropropane	11.079	75	104721	28.214	ug/l #	34
79) 2-Chlorotoluene	11.305	91	2308	0.235	ug/l #	42
81) trans-1,4-Dichloro-2-b...	11.079	75	104721	84.556	ug/l #	9
86) p-Isopropyltoluene	12.177	119	2715	0.253	ug/l	94
90) Hexachloroethane	12.616	117	1678	1.008	ug/l #	15

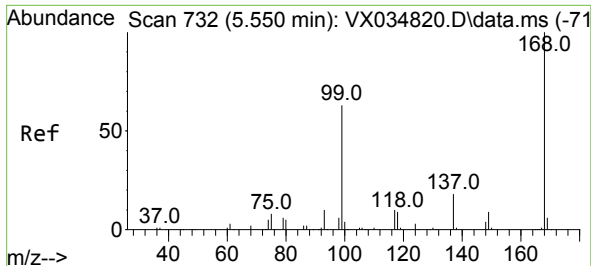
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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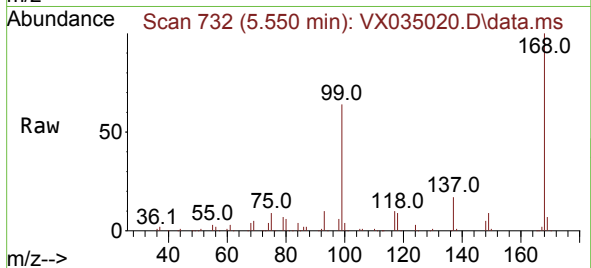
Quant Time: Apr 12 05:54:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration



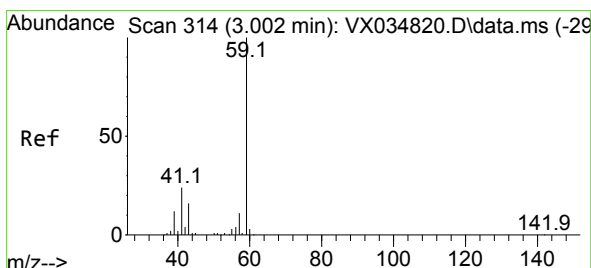
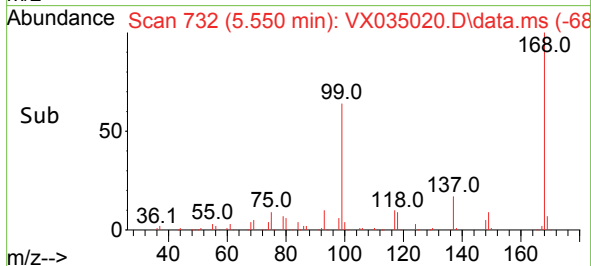
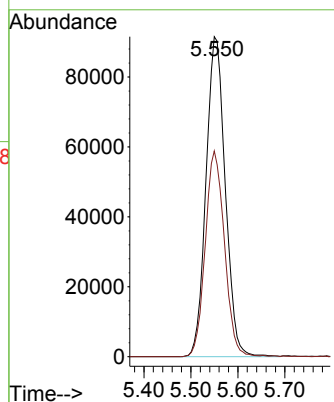


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035020.D
Acq: 11 Apr 2023 19:26

Instrument :
MSVOA_X
ClientSampleId :
MW-2-040623

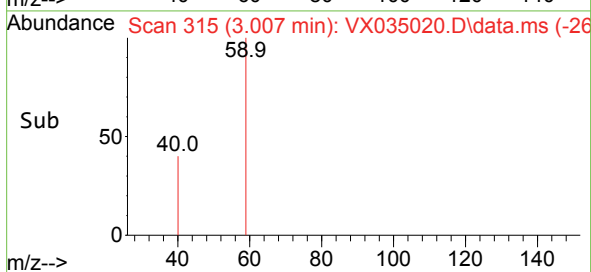
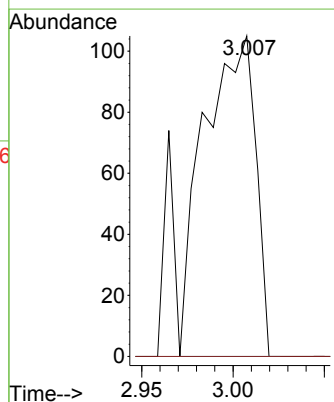
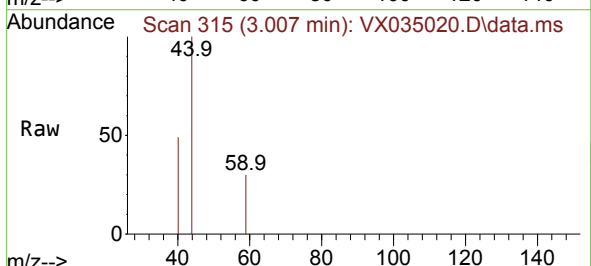


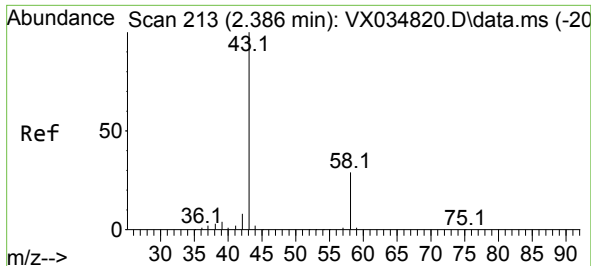
Tgt Ion:168 Resp: 259989
Ion Ratio Lower Upper
168 100
99 64.3 45.7 68.5



#11
Tert butyl alcohol
Concen: 0.297 ug/l
RT: 3.007 min Scan# 315
Delta R.T. 0.006 min
Lab File: VX035020.D
Acq: 11 Apr 2023 19:26

Tgt Ion: 59 Resp: 207
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

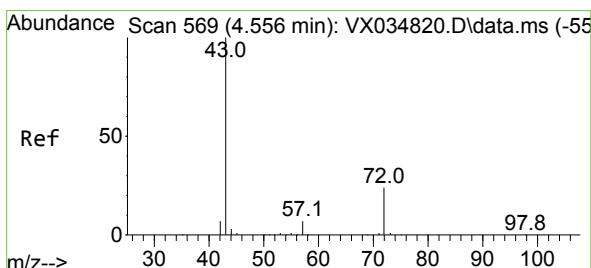
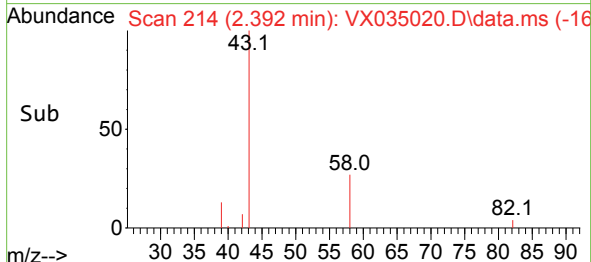
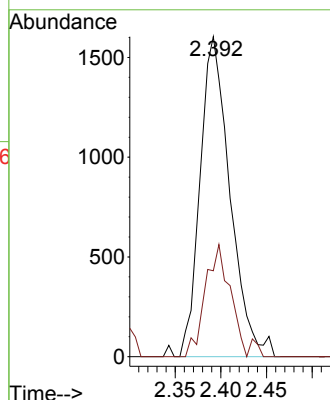
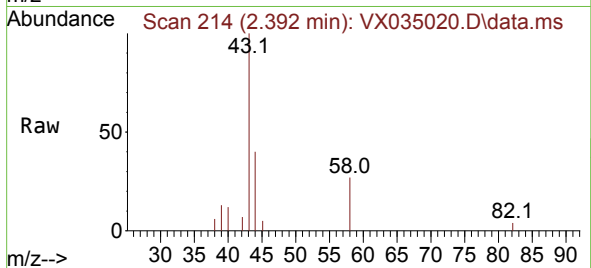




#16
Acetone
Concen: 2.257 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX035020.D
Acq: 11 Apr 2023 19:26

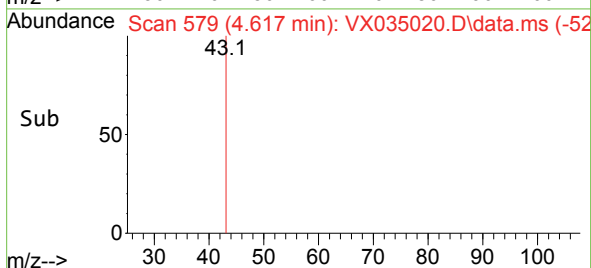
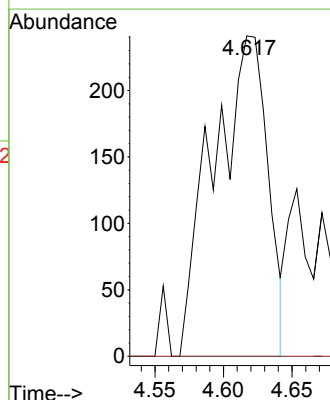
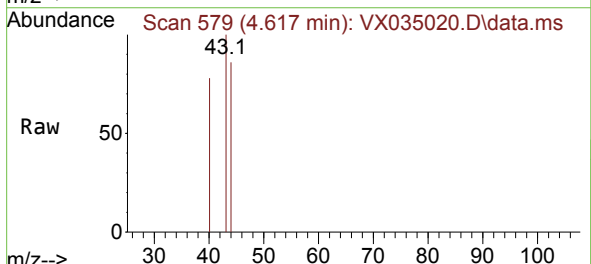
Instrument :
MSVOA_X
ClientSampleId :
MW-2-040623

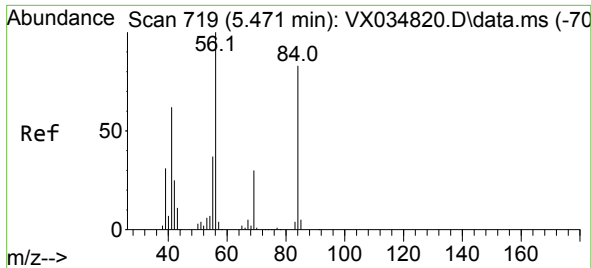
Tgt Ion: 43 Resp: 3645
Ion Ratio Lower Upper
43 100
58 26.9 24.7 37.1



#25
2-Butanone
Concen: 0.284 ug/l
RT: 4.617 min Scan# 579
Delta R.T. 0.061 min
Lab File: VX035020.D
Acq: 11 Apr 2023 19:26

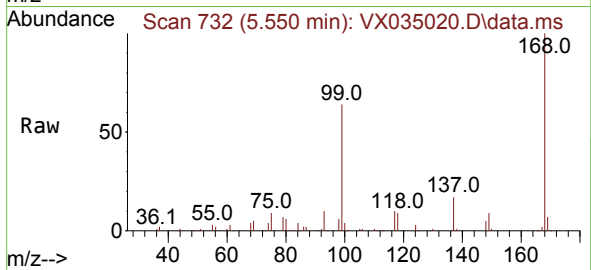
Tgt Ion: 43 Resp: 668
Ion Ratio Lower Upper
43 100
72 0.0 19.3 28.9#



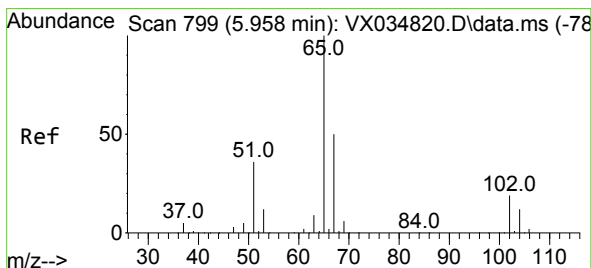
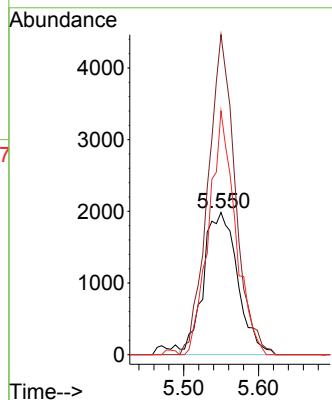
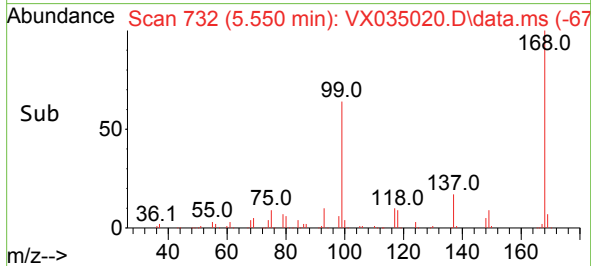


#31
Cyclohexane
Concen: 1.296 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX035020.D
Acq: 11 Apr 2023 19:26

Instrument :
MSVOA_X
ClientSampleId :
MW-2-040623

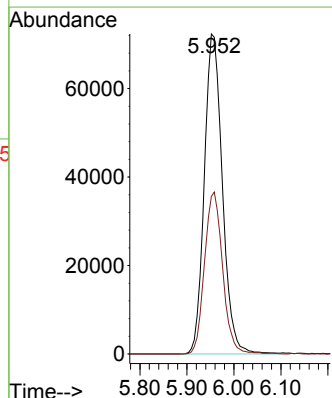
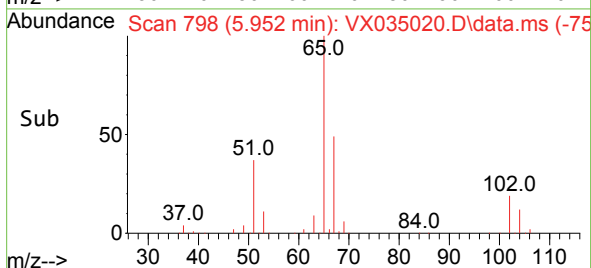
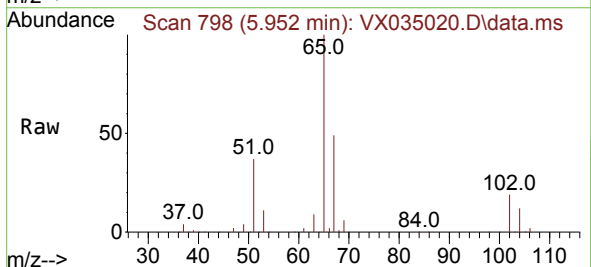


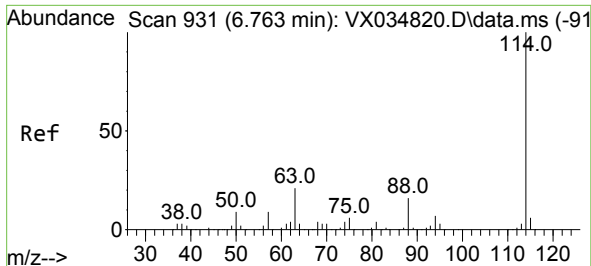
Tgt Ion: 56 Resp: 6274
Ion Ratio Lower Upper
56 100
69 225.1 23.7 35.5#
84 171.4 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 48.666 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX035020.D
Acq: 11 Apr 2023 19:26

Tgt Ion: 65 Resp: 193503
Ion Ratio Lower Upper
65 100
67 50.5 0.0 104.0

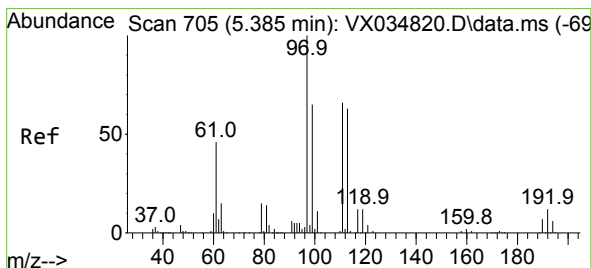
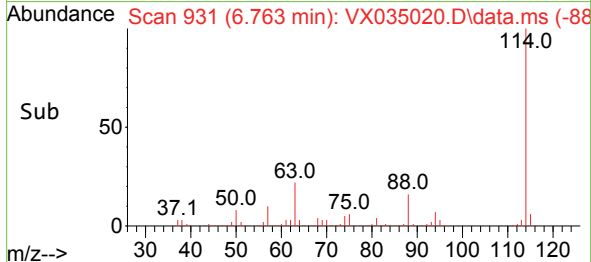
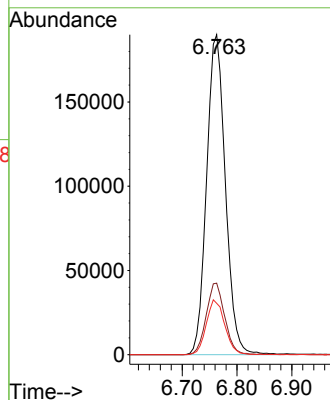
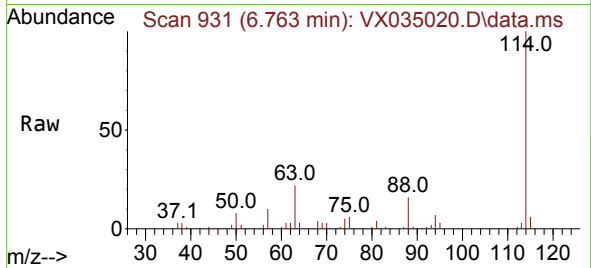




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035020.D
Acq: 11 Apr 2023 19:26

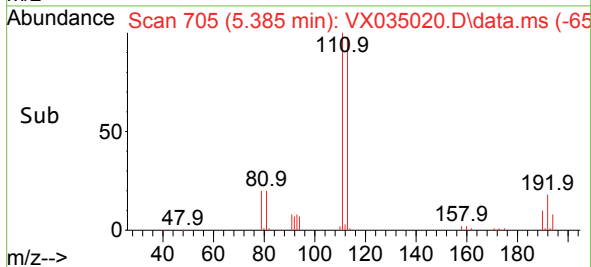
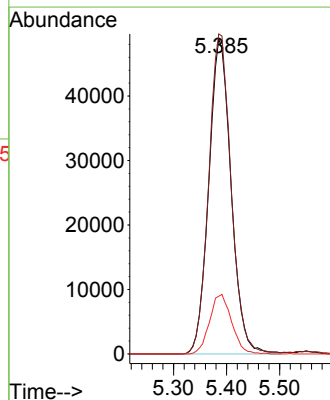
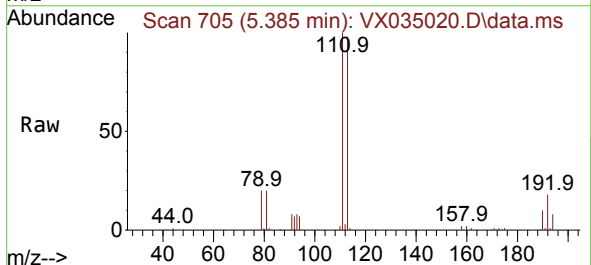
Instrument :
MSVOA_X
ClientSampleId :
MW-2-040623

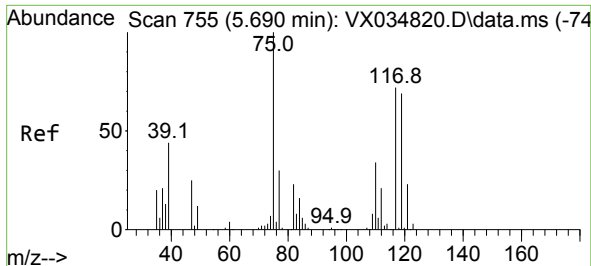
Tgt Ion:114 Resp: 451007
Ion Ratio Lower Upper
114 100
63 22.4 0.0 42.2
88 16.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.870 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035020.D
Acq: 11 Apr 2023 19:26

Tgt Ion:113 Resp: 142798
Ion Ratio Lower Upper
113 100
111 102.0 83.7 125.5
192 18.7 15.4 23.2

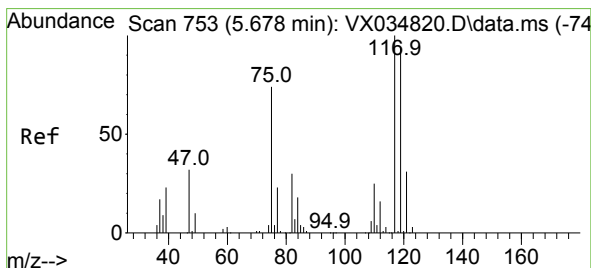
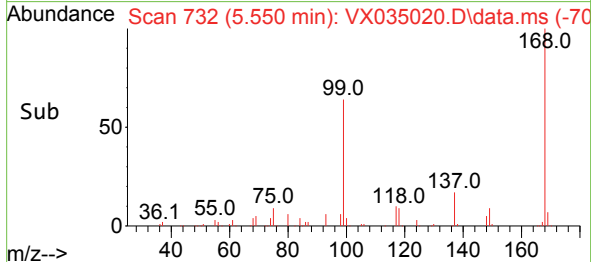
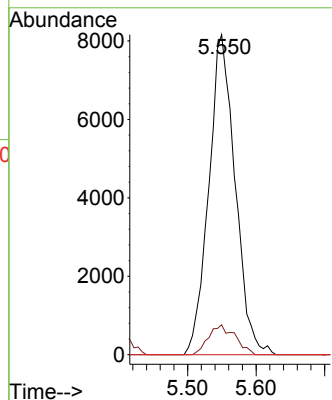
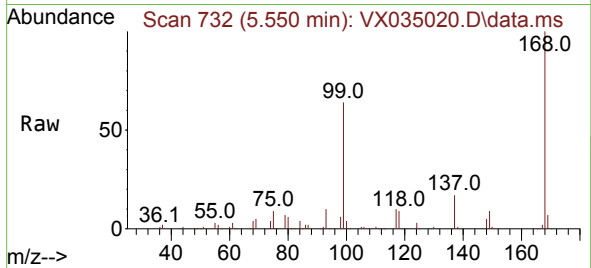




#36
 1,1-Dichloropropene
 Concen: 4.934 ug/l
 RT: 5.550 min Scan# 711
 Delta R.T. -0.140 min
 Lab File: VX035020.D
 Acq: 11 Apr 2023 19:26

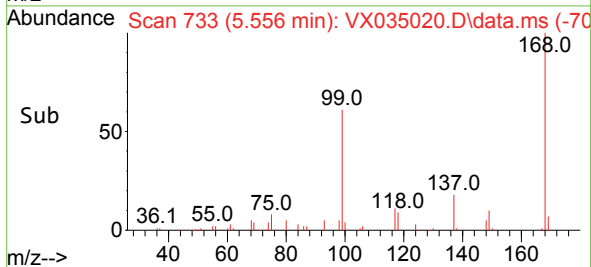
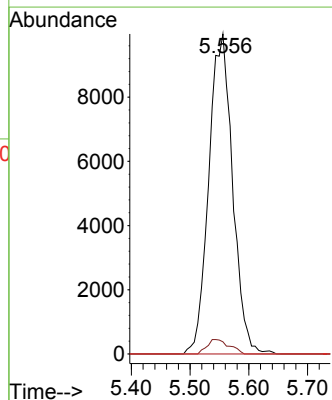
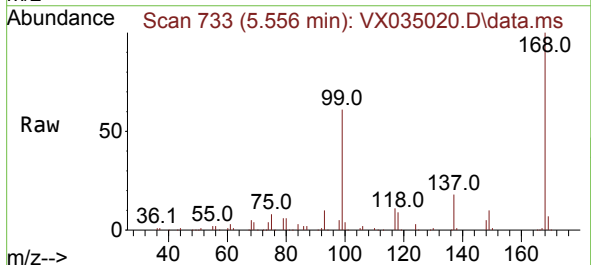
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2-040623

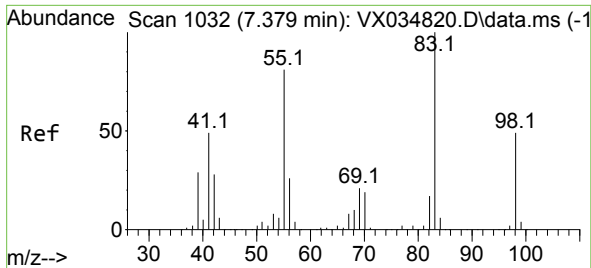
Tgt Ion: 75 Resp: 21807
 Ion Ratio Lower Upper
 75 100
 110 9.4 17.5 52.5#
 77 0.0 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 6.741 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.122 min
 Lab File: VX035020.D
 Acq: 11 Apr 2023 19:26

Tgt Ion: 117 Resp: 28087
 Ion Ratio Lower Upper
 117 100
 119 3.8 76.6 114.8#
 121 0.0 23.8 35.6#





#39

Methylcyclohexane

Concen: 0.314 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.006 min

Lab File: VX035020.D

Acq: 11 Apr 2023 19:26

Instrument :

MSVOA_X

ClientSampleId :

MW-2-040623

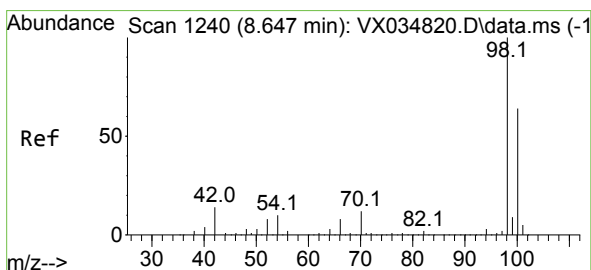
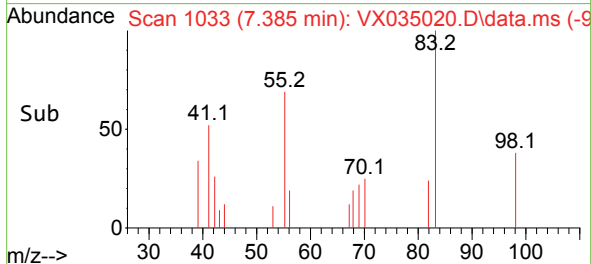
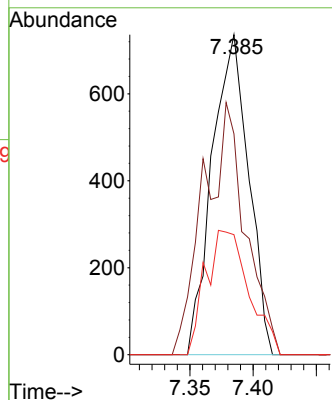
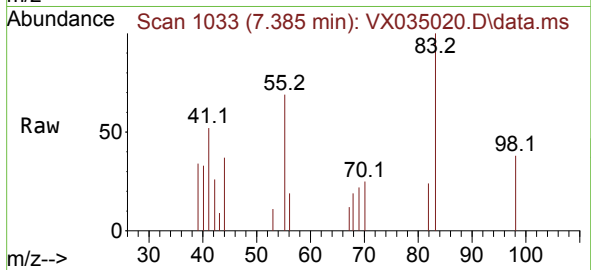
Tgt Ion: 83 Resp: 1475

Ion Ratio Lower Upper

83 100

55 69.0 60.5 90.7

98 37.5 40.4 60.6#



#50

Toluene-d8

Concen: 48.980 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX035020.D

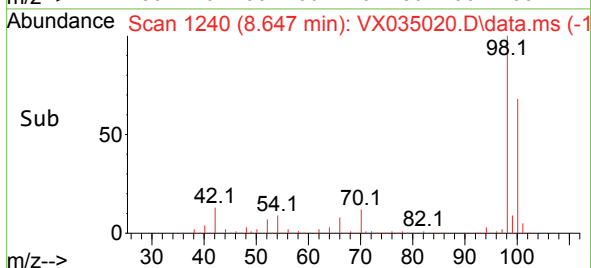
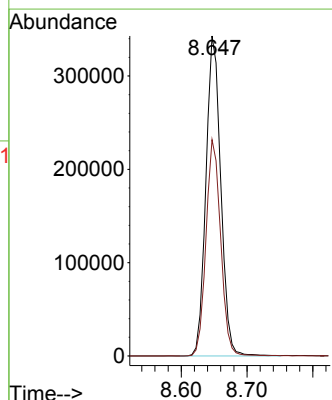
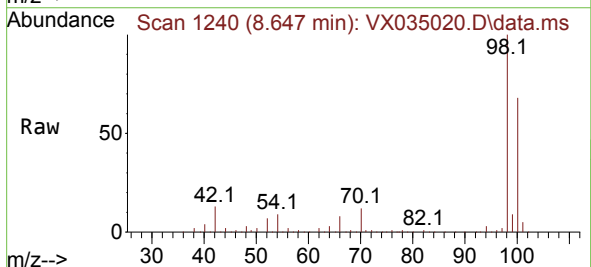
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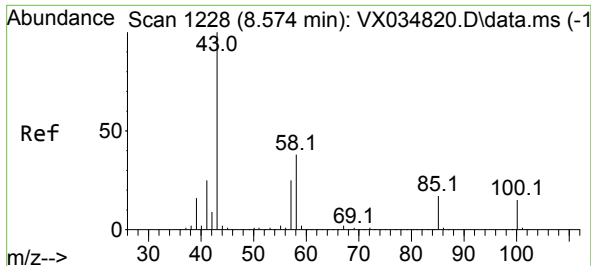
Tgt Ion: 98 Resp: 539299

Ion Ratio Lower Upper

98 100

100 66.7 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.223 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX035020.D

Acq: 11 Apr 2023 19:26

Instrument :

MSVOA_X

ClientSampleId :

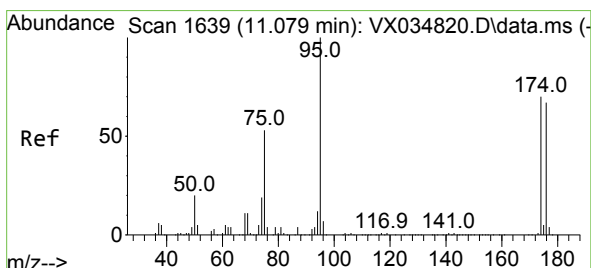
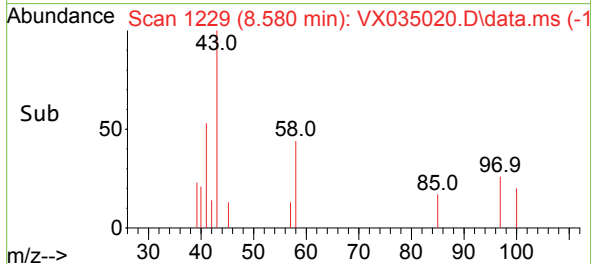
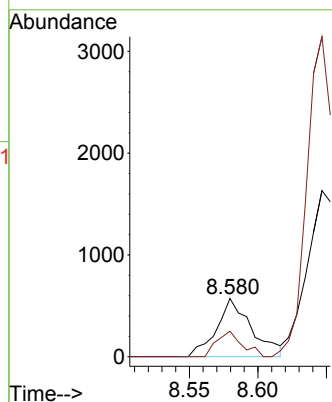
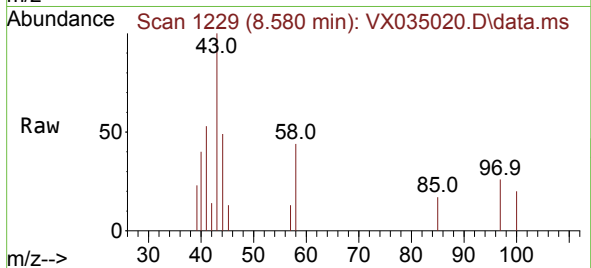
MW-2-040623

Tgt Ion: 43 Resp: 1019

Ion Ratio Lower Upper

43 100

58 31.5 30.6 46.0



#62

4-Bromofluorobenzene

Concen: 47.265 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX035020.D

Acq: 11 Apr 2023 19:26

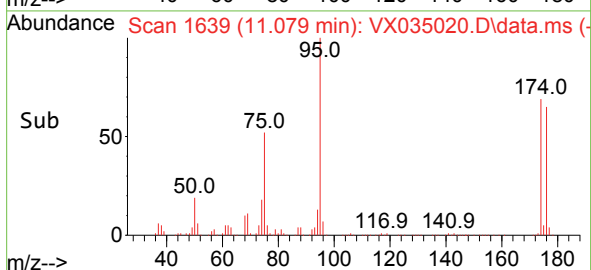
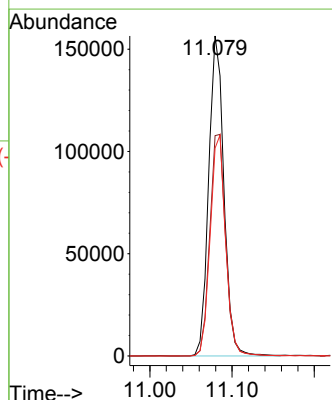
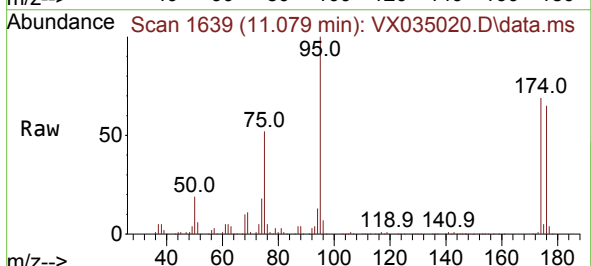
Tgt Ion: 95 Resp: 201390

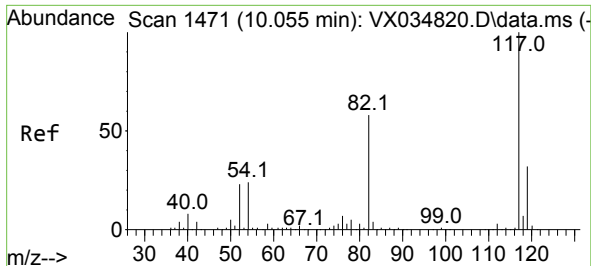
Ion Ratio Lower Upper

95 100

174 72.1 0.0 147.4

176 69.6 0.0 140.6

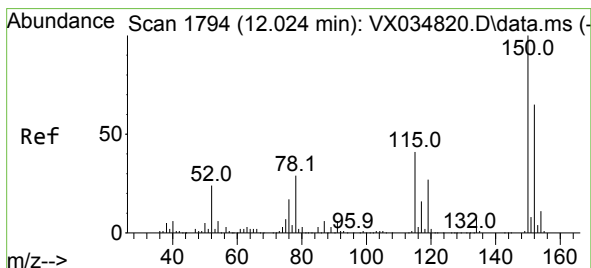
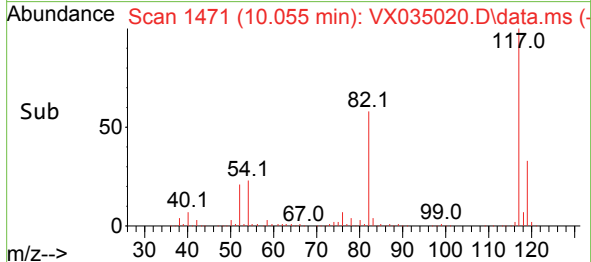
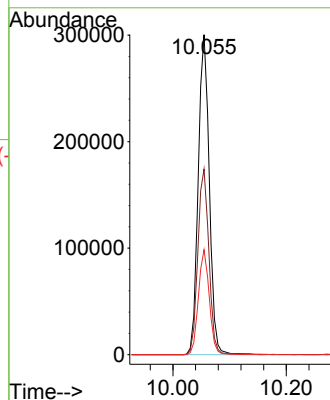
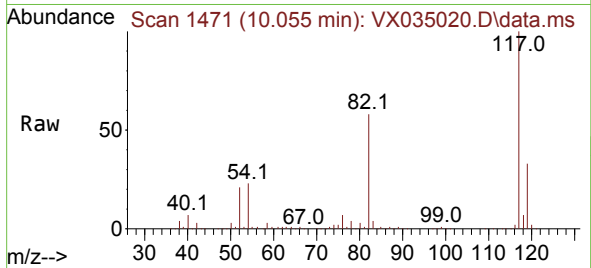




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035020.D
Acq: 11 Apr 2023 19:26

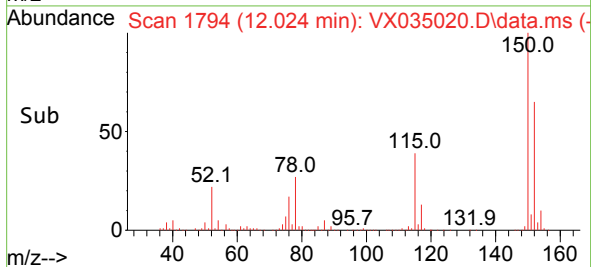
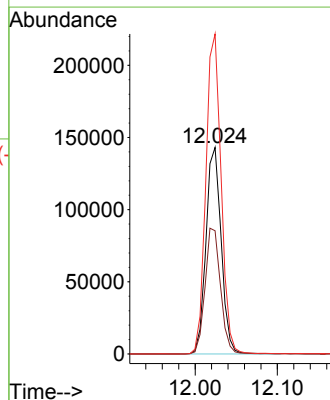
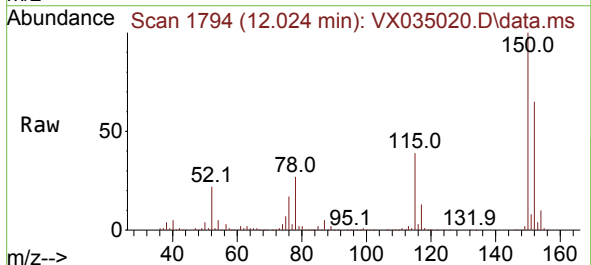
Instrument :
MSVOA_X
ClientSampleId :
MW-2-040623

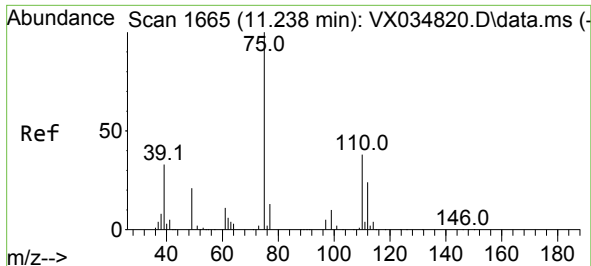
Tgt Ion:117 Resp: 406982
Ion Ratio Lower Upper
117 100
82 58.0 45.0 67.4
119 32.8 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035020.D
Acq: 11 Apr 2023 19:26

Tgt Ion:152 Resp: 184206
Ion Ratio Lower Upper
152 100
115 61.7 45.0 135.0
150 155.2 0.0 352.4

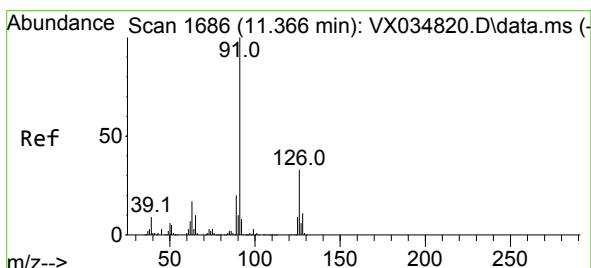
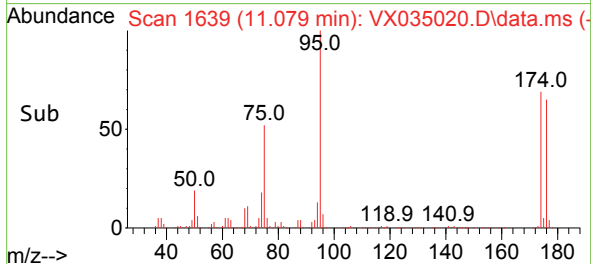
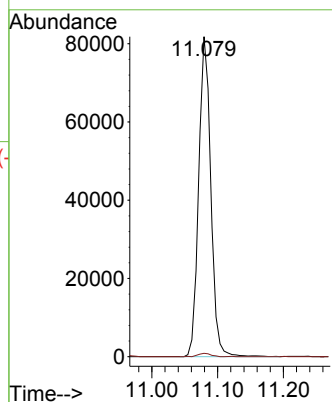
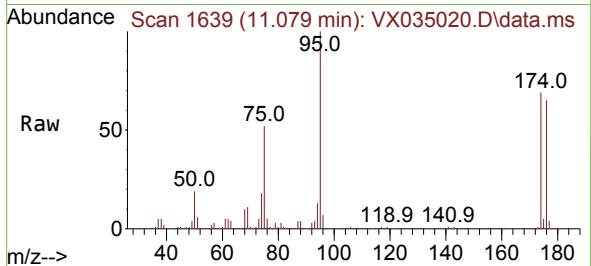




#76
1,2,3-Trichloropropane
Concen: 28.214 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035020.D
Acq: 11 Apr 2023 19:26

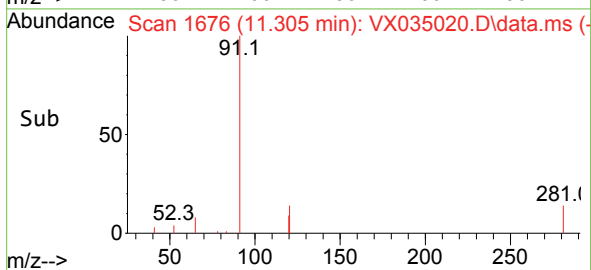
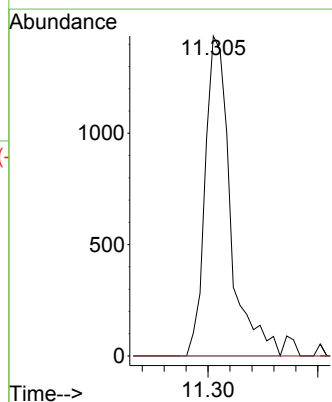
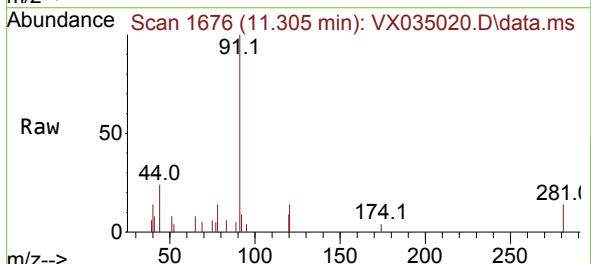
Instrument :
MSVOA_X
ClientSampleId :
MW-2-040623

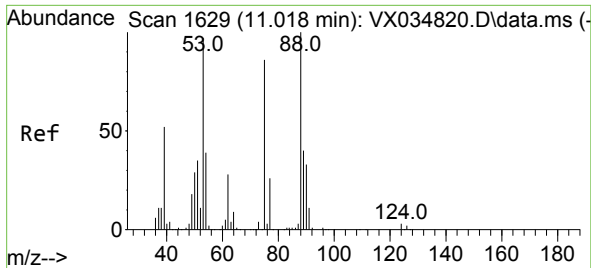
Tgt Ion: 75 Resp: 104721
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#



#79
2-Chlorotoluene
Concen: 0.235 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.061 min
Lab File: VX035020.D
Acq: 11 Apr 2023 19:26

Tgt Ion: 91 Resp: 2308
Ion Ratio Lower Upper
91 100
126 0.0 16.3 48.9#

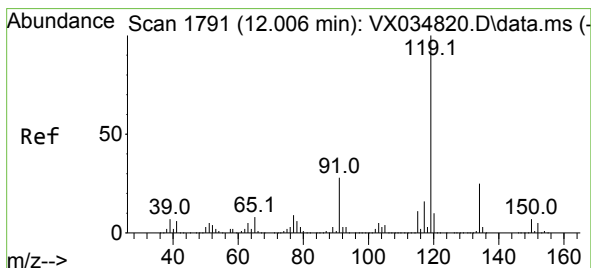
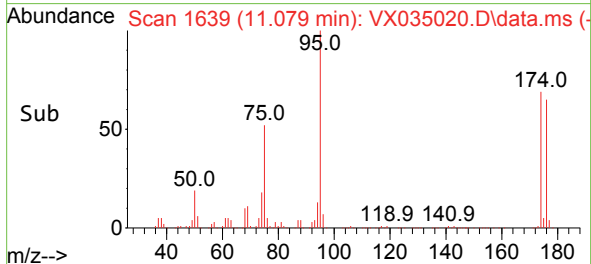
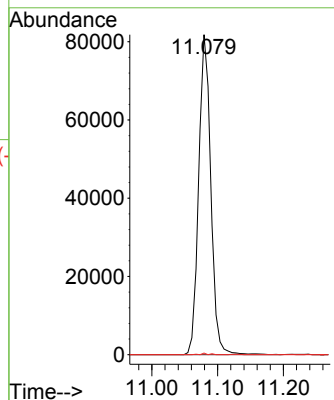
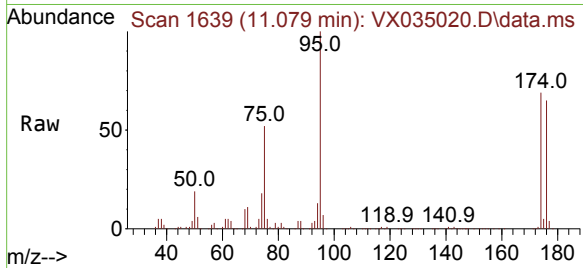




#81
trans-1,4-Dichloro-2-butene
Concen: 84.556 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.061 min
Lab File: VX035020.D
Acq: 11 Apr 2023 19:26

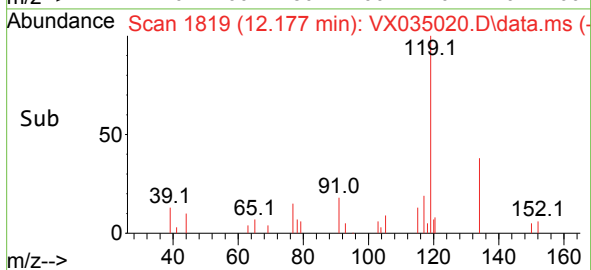
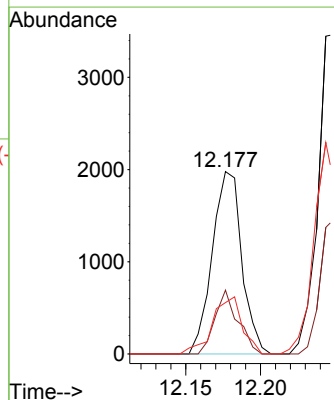
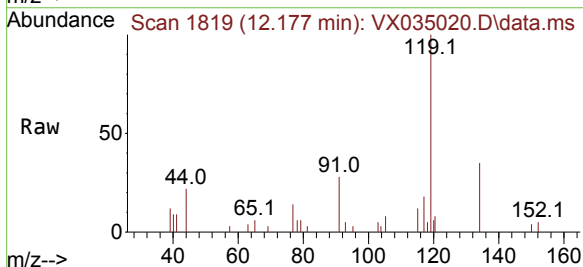
Instrument :
MSVOA_X
ClientSampleId :
MW-2-040623

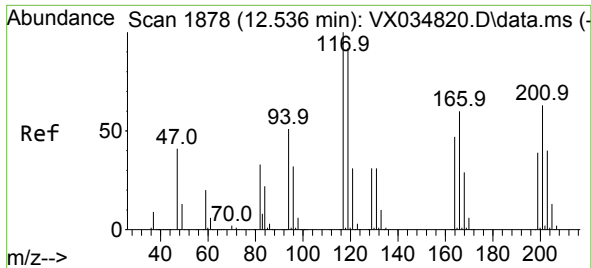
Tgt Ion: 75 Resp: 104721
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.3 36.9 55.3#



#86
p-Isopropyltoluene
Concen: 0.253 ug/l
RT: 12.177 min Scan# 1819
Delta R.T. 0.171 min
Lab File: VX035020.D
Acq: 11 Apr 2023 19:26

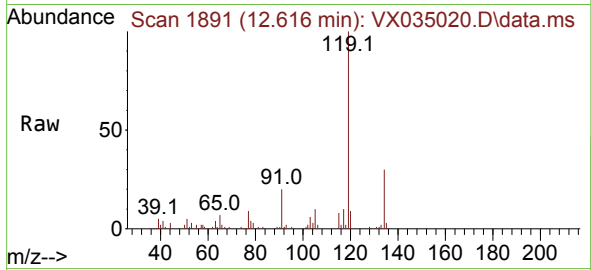
Tgt Ion: 119 Resp: 2715
Ion Ratio Lower Upper
119 100
134 27.1 13.2 39.5
91 31.5 12.9 38.7





#90
 Hexachloroethane
 Concen: 1.008 ug/l
 RT: 12.616 min Scan# 11
 Delta R.T. 0.080 min
 Lab File: VX035020.D
 Acq: 11 Apr 2023 19:26

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2-040623



Tgt Ion:117 Resp: 1678
 Ion Ratio Lower Upper
 117 100
 201 0.0 34.4 103.1#

