

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052121\
 Data File : VX022112.D
 Acq On : 21 May 2021 14:03
 Operator : JC/MD
 Sample : M2472-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW8-EB-20210518

Quant Time: May 22 04:54:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

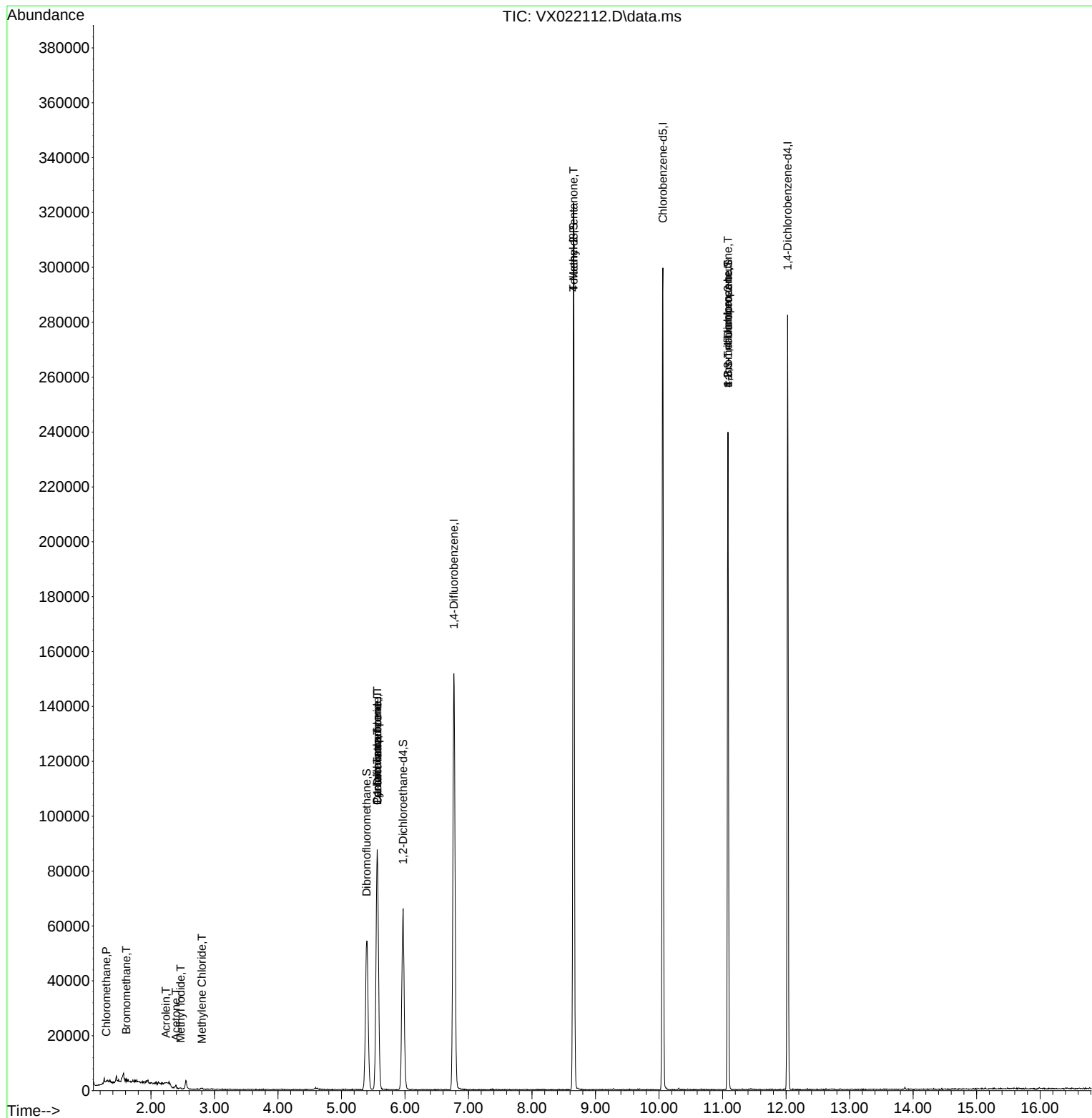
Internal Standards						
1) Pentafluorobenzene	5.562	168	76422	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	154991	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	132849	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	52859	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	59144	50.17	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.34%			
35) Dibromofluoromethane	5.397	113	47348	48.17	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.34%			
50) Toluene-d8	8.653	98	185348	48.95	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.90%			
62) 4-Bromofluorobenzene	11.085	95	65327	46.68	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.36%			
Target Compounds						Qvalue
3) Chloromethane	1.294	50	328	0.33	ug/l #	85
5) Bromomethane	1.611	94	238	0.38	ug/l #	46
10) Methyl Iodide	2.465	142	332	0.34	ug/l #	79
13) Acrolein	2.233	56	88	0.49	ug/l #	1
16) Acetone	2.392	43	1315	2.56	ug/l #	78
20) Methylene Chloride	2.800	84	244	0.21	ug/l #	62
31) Cyclohexane	5.562	56	2051	1.38	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	6954	4.85	ug/l #	49
38) Carbon Tetrachloride	5.562	117	8205	5.85	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	1000	0.58	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	32885	25.22	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	32885	59.75	ug/l #	12

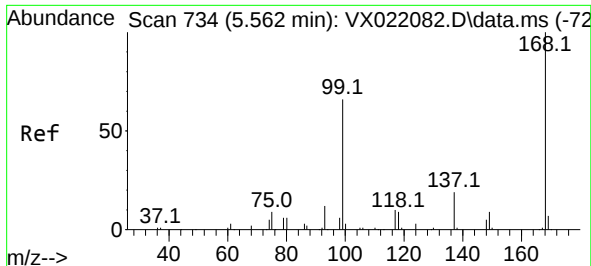
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052121\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
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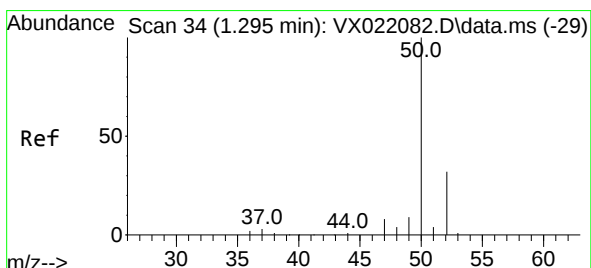
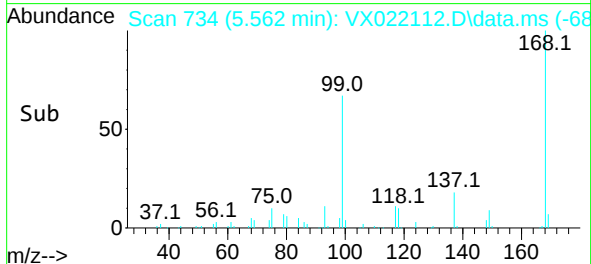
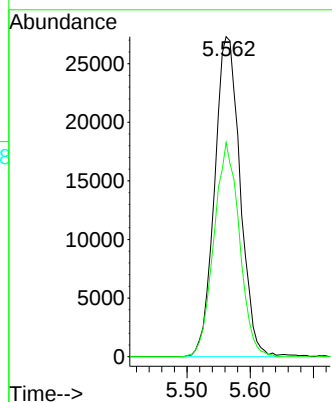
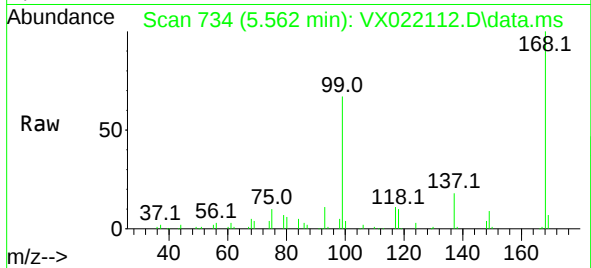




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022112.D
Acq: 21 May 2021 14:03

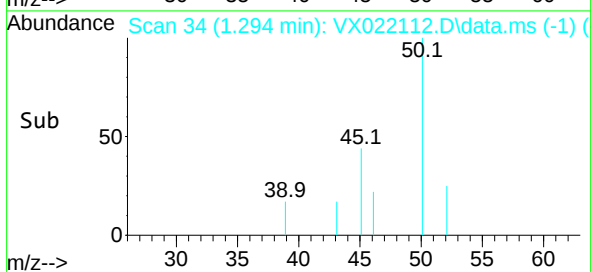
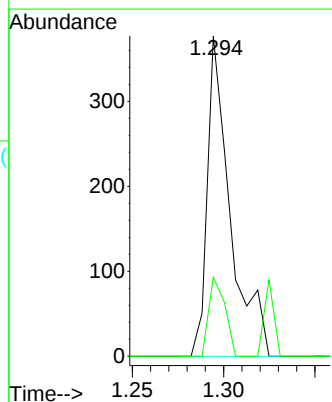
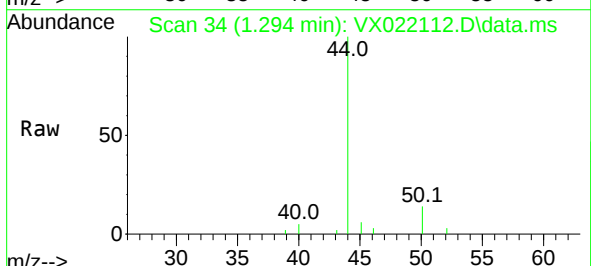
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-EB-20210518

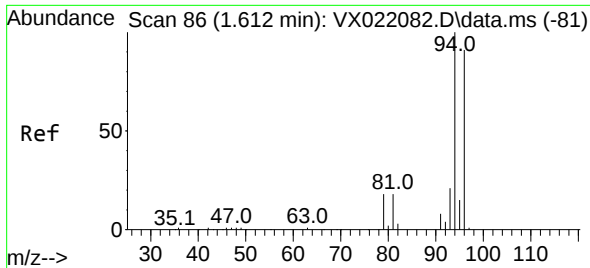
Tgt Ion:168 Resp: 76422
Ion Ratio Lower Upper
168 100
99 66.9 45.8 68.6



#3
Chloromethane
Concen: 0.33 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX022112.D
Acq: 21 May 2021 14:03

Tgt Ion: 50 Resp: 328
Ion Ratio Lower Upper
50 100
52 24.7 26.4 39.6#

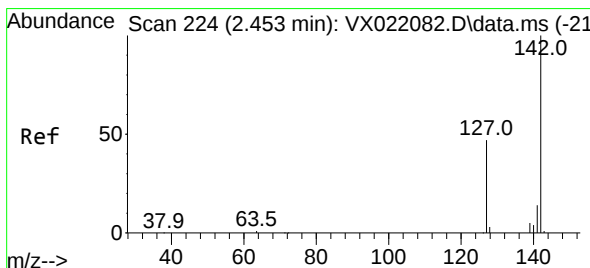
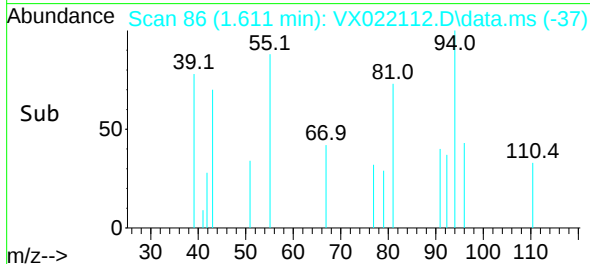
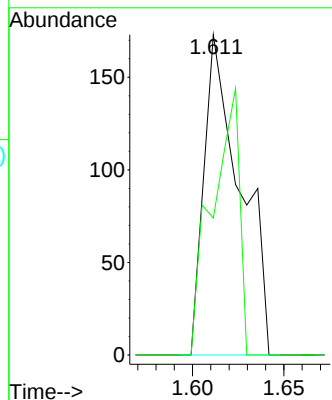
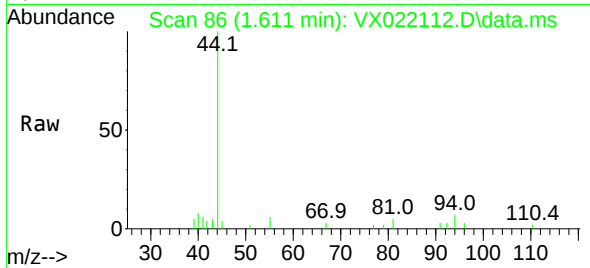




#5
Bromomethane
Concen: 0.38 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.001 min
Lab File: VX022112.D
Acq: 21 May 2021 14:03

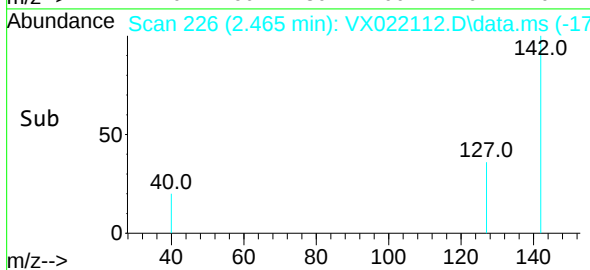
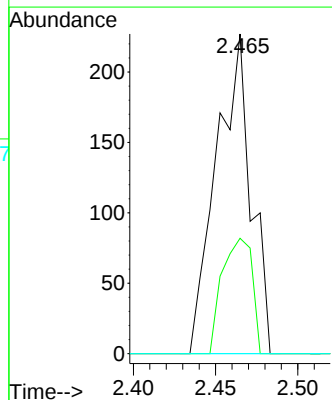
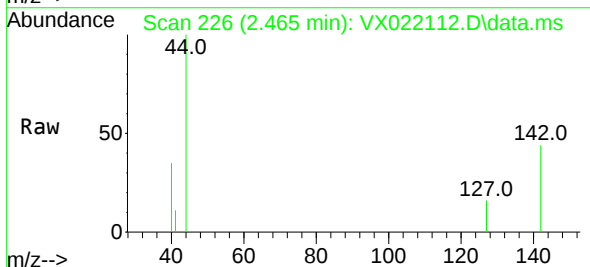
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-EB-20210518

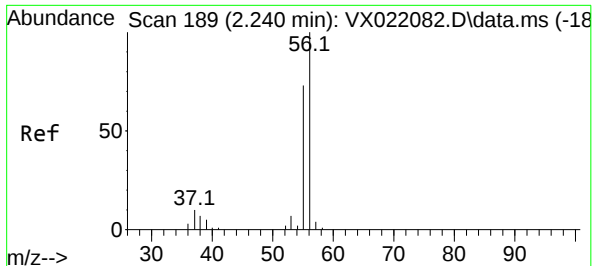
Tgt Ion: 94 Resp: 238
Ion Ratio Lower Upper
94 100
96 42.8 76.4 114.6#



#10
Methyl Iodide
Concen: 0.34 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX022112.D
Acq: 21 May 2021 14:03

Tgt Ion:142 Resp: 332
Ion Ratio Lower Upper
142 100
127 31.3 33.3 49.9#
141 0.0 11.4 17.0#

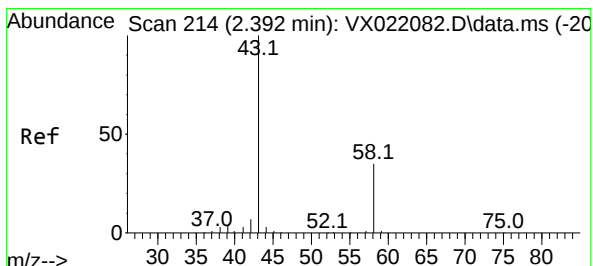
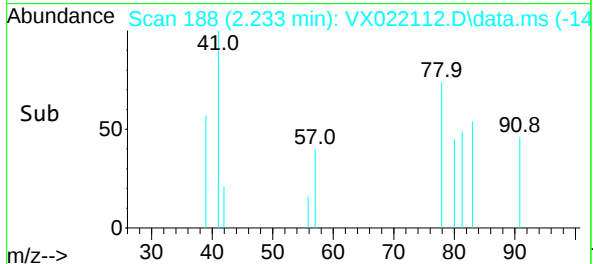
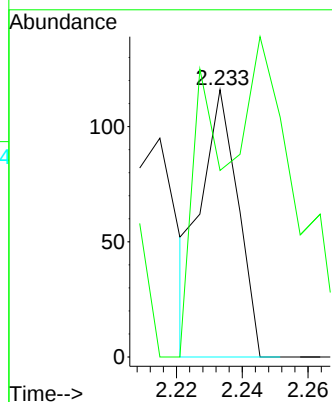
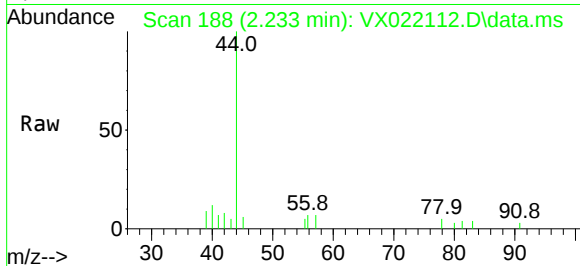




#13
Acrolein
Concen: 0.49 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.007 min
Lab File: VX022112.D
Acq: 21 May 2021 14:03

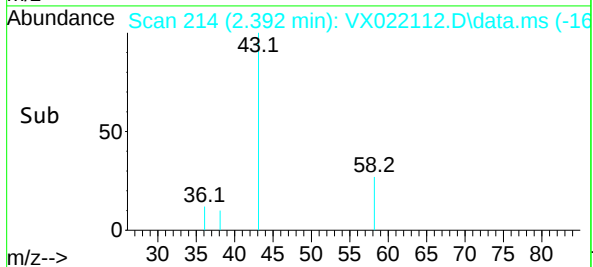
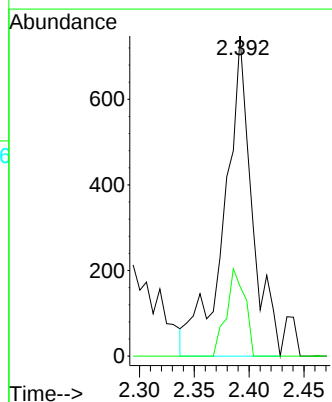
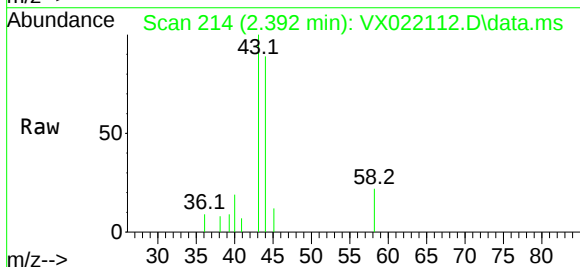
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-EB-20210518

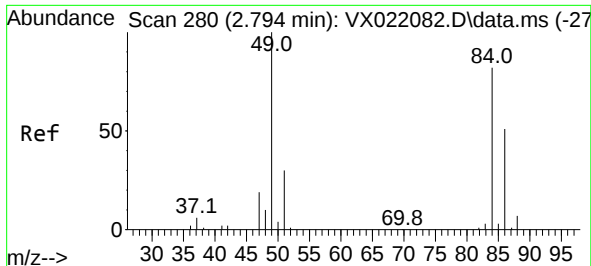
Tgt Ion: 56 Resp: 88
Ion Ratio Lower Upper
56 100
55 270.5 56.4 84.6#



#16
Acetone
Concen: 2.56 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022112.D
Acq: 21 May 2021 14:03

Tgt Ion: 43 Resp: 1315
Ion Ratio Lower Upper
43 100
58 21.8 27.8 41.8#





#20

Methylene Chloride

Concen: 0.21 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.006 min

Lab File: VX022112.D

Acq: 21 May 2021 14:03

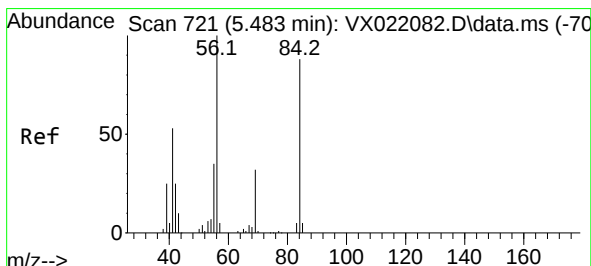
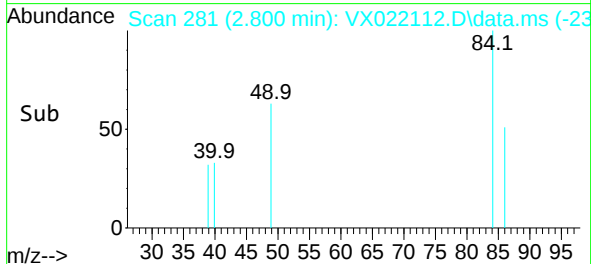
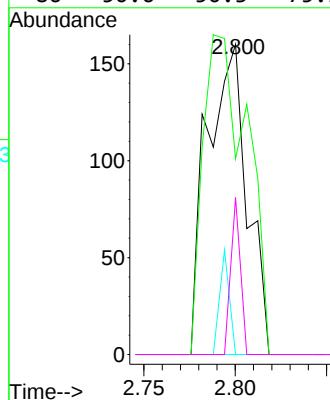
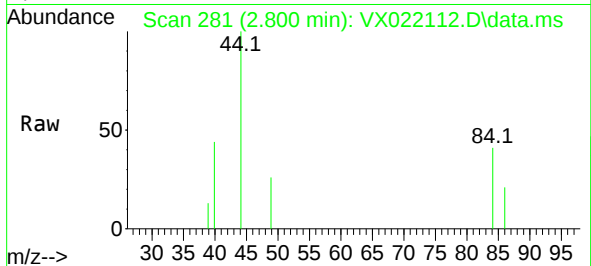
Tgt Ion: 84	Resp: 244
Ion Ratio	Lower Upper
84 100	
49 63.1	88.6 132.8#
51 0.0	27.0 40.6#
86 50.6	50.3 75.5

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW8-EB-20210518



#31

Cyclohexane

Concen: 1.38 ug/l

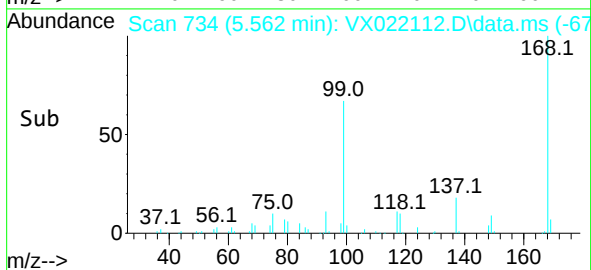
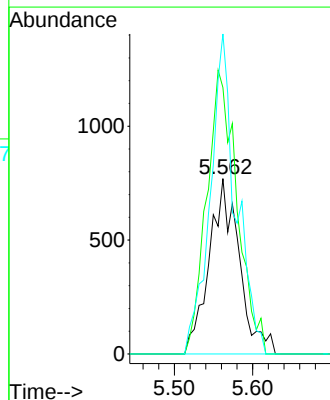
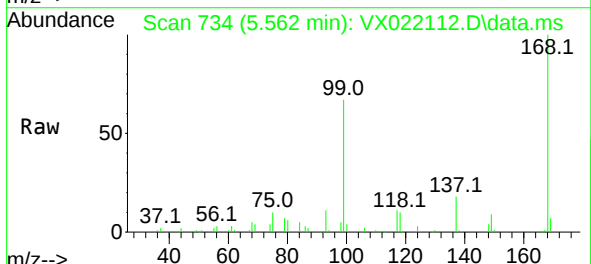
RT: 5.562 min Scan# 734

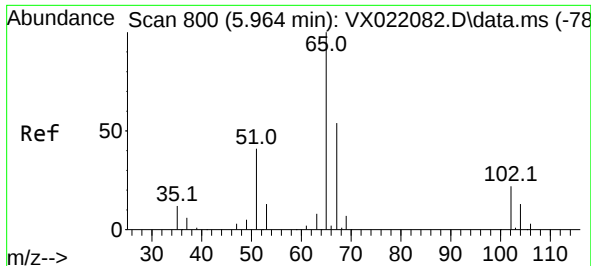
Delta R.T. 0.079 min

Lab File: VX022112.D

Acq: 21 May 2021 14:03

Tgt Ion: 56	Resp: 2051
Ion Ratio	Lower Upper
56 100	
69 151.9	25.3 37.9#
84 182.5	71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 50.17 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.006 min

Lab File: VX022112.D

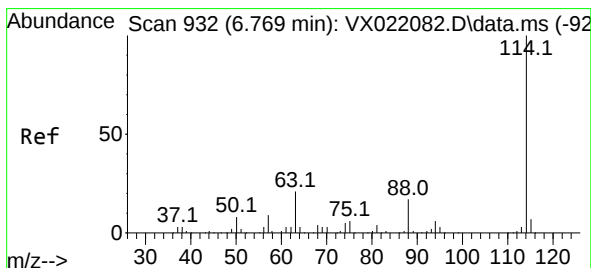
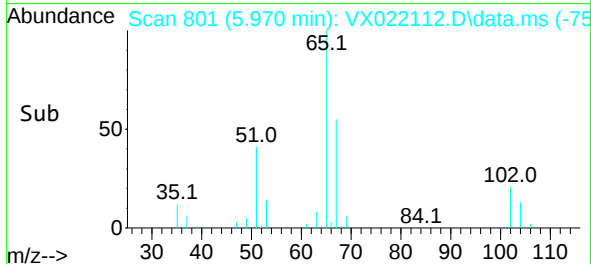
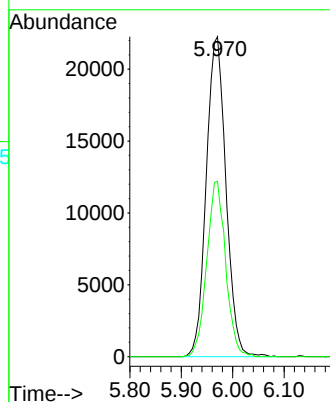
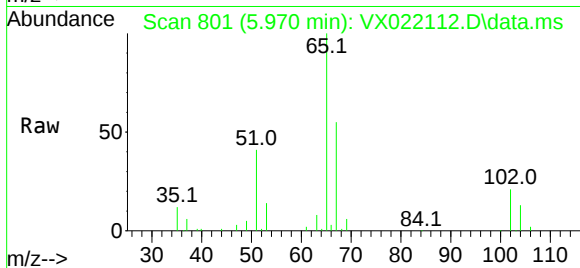
Acq: 21 May 2021 14:03

Tgt Ion: 65 Resp: 59144

Ion Ratio Lower Upper

65 100

67 52.6 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX022112.D

Acq: 21 May 2021 14:03

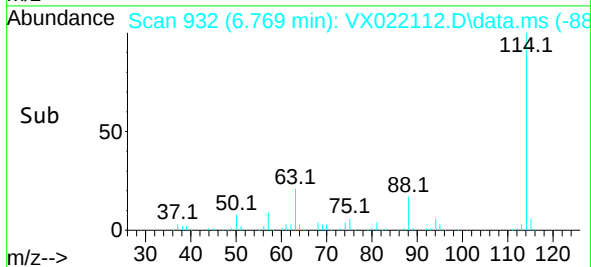
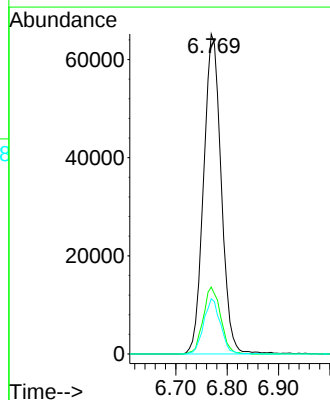
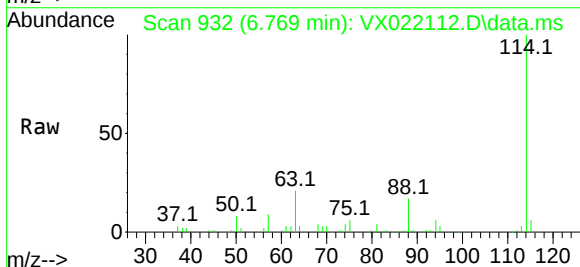
Tgt Ion: 114 Resp: 154991

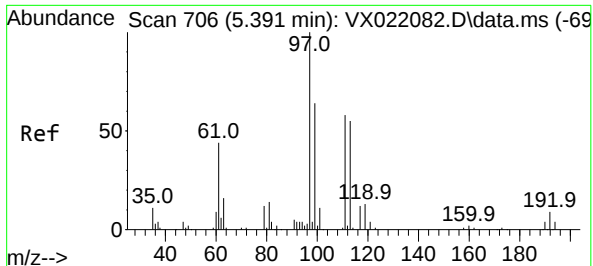
Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.8

88 17.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.17 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022112.D

Acq: 21 May 2021 14:03

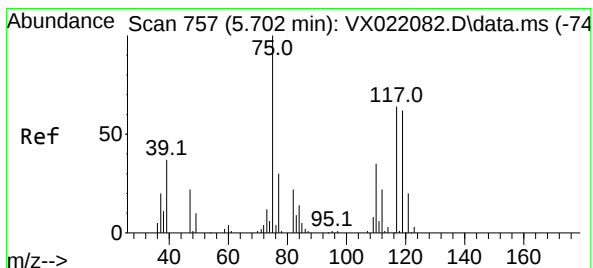
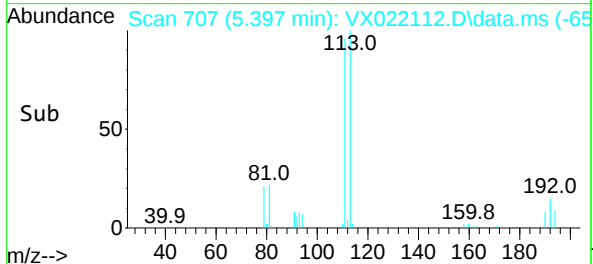
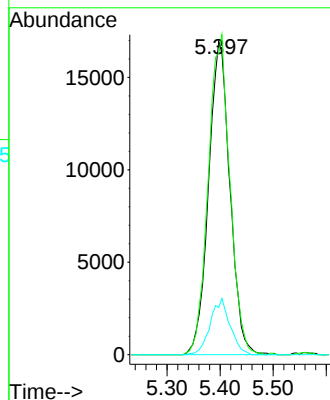
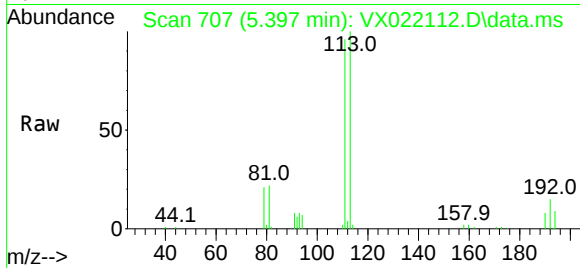
Tgt Ion:113 Resp: 47348

Ion Ratio Lower Upper

113 100

111 103.5 81.9 122.9

192 16.6 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 4.85 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022112.D

Acq: 21 May 2021 14:03

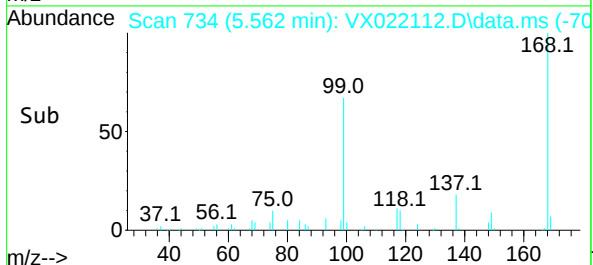
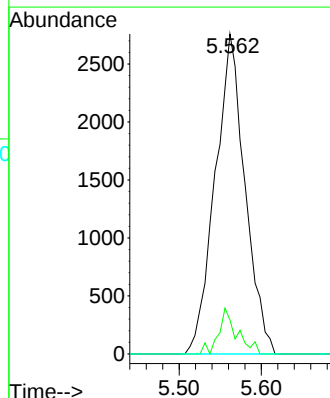
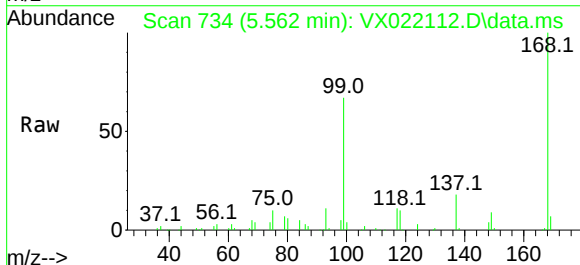
Tgt Ion: 75 Resp: 6954

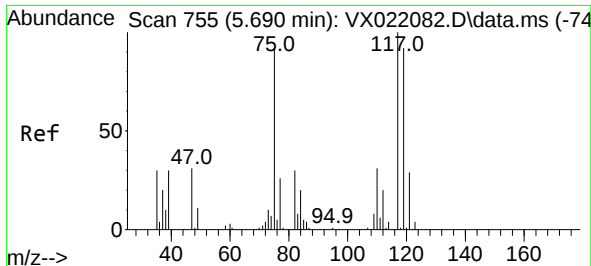
Ion Ratio Lower Upper

75 100

110 8.8 18.1 54.4#

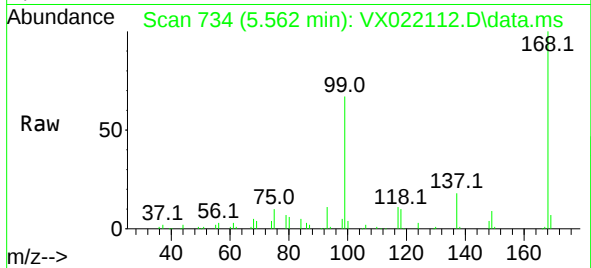
77 0.0 25.3 37.9#



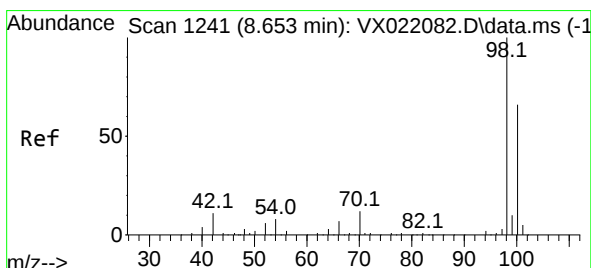
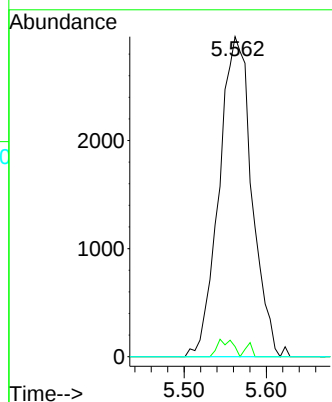
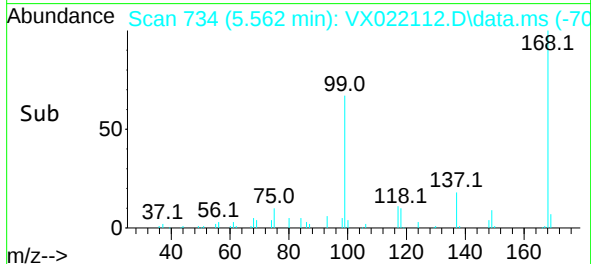


#38
Carbon Tetrachloride
Concen: 5.85 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022112.D
Acq: 21 May 2021 14:03

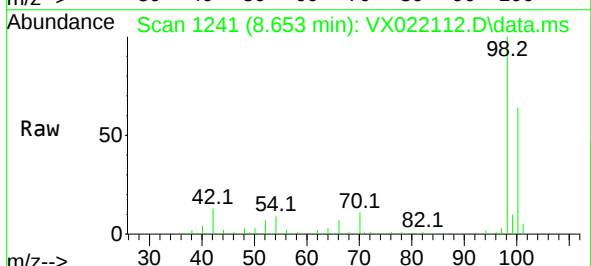
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-EB-20210518



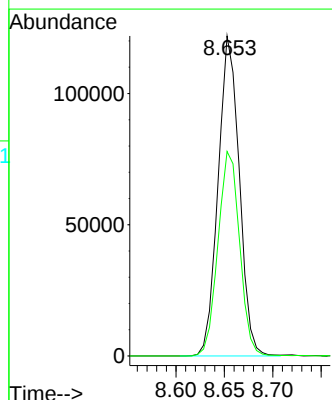
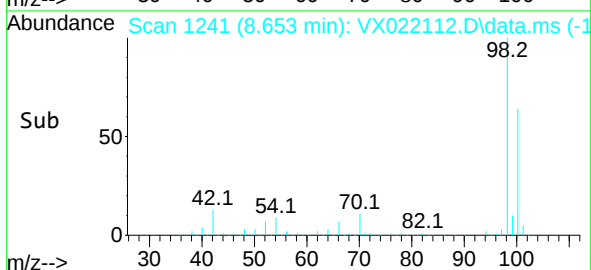
Tgt Ion:117 Resp: 8205
Ion Ratio Lower Upper
117 100
119 3.1 76.2 114.2#
121 0.0 24.8 37.2#

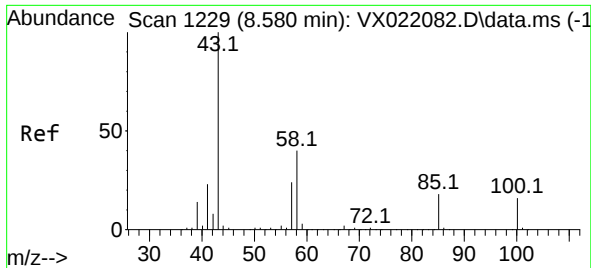


#50
Toluene-d8
Concen: 48.95 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022112.D
Acq: 21 May 2021 14:03



Tgt Ion: 98 Resp: 185348
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9

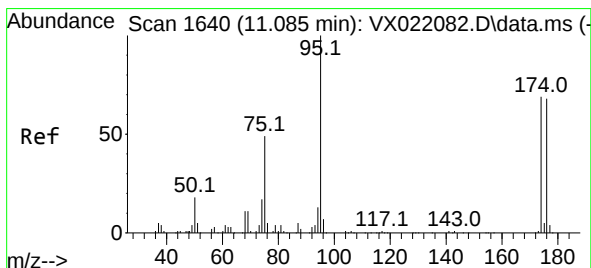
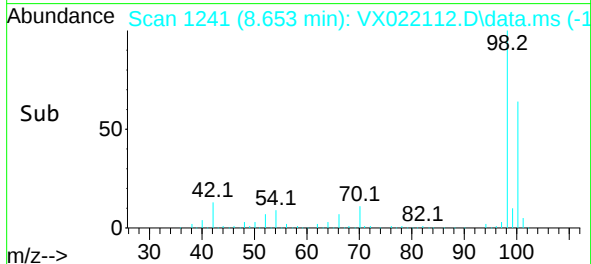
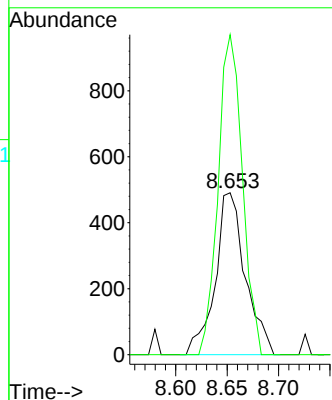
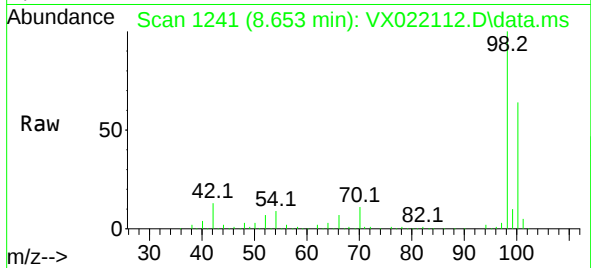




#51
4-Methyl-2-Pentanone
Concen: 0.58 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022112.D
Acq: 21 May 2021 14:03

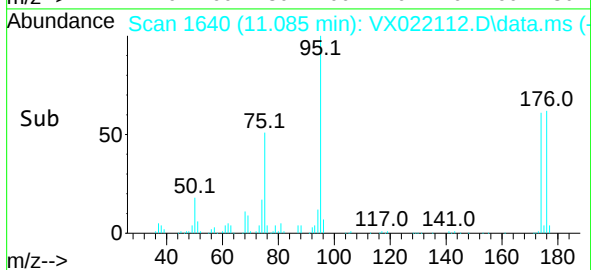
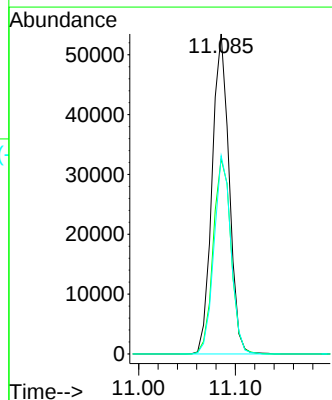
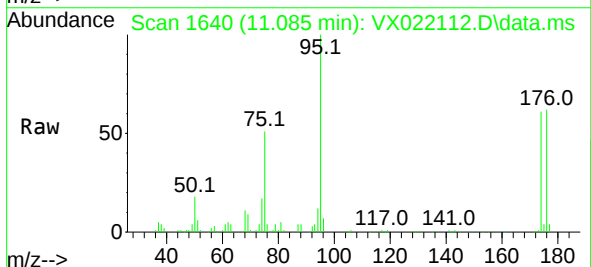
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-EB-20210518

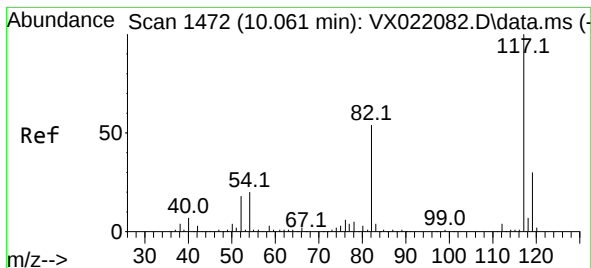
Tgt Ion: 43 Resp: 1000
Ion Ratio Lower Upper
43 100
58 158.9 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 46.68 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022112.D
Acq: 21 May 2021 14:03

Tgt Ion: 95 Resp: 65327
Ion Ratio Lower Upper
95 100
174 63.6 0.0 154.6
176 61.4 0.0 155.8

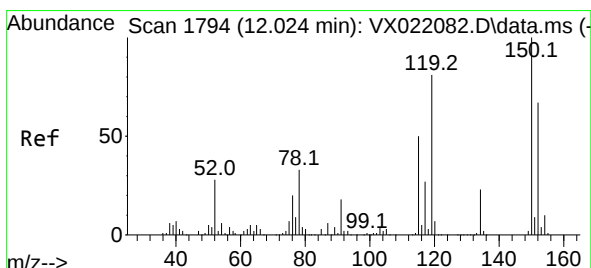
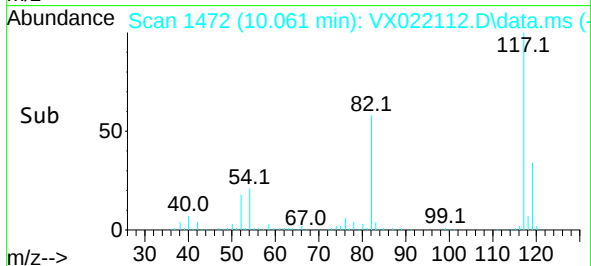
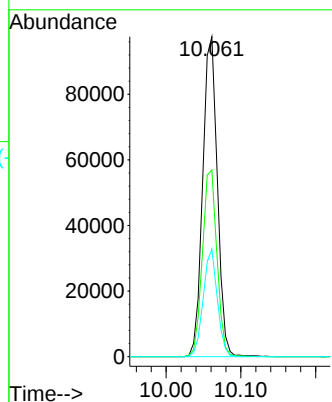
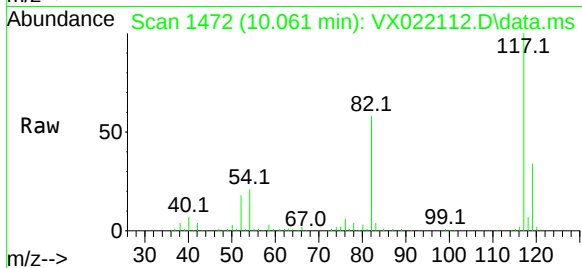




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022112.D
Acq: 21 May 2021 14:03

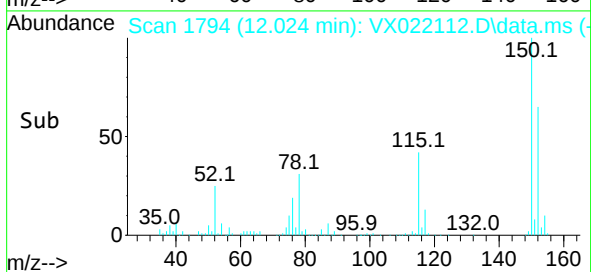
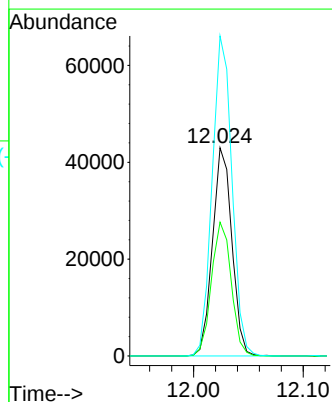
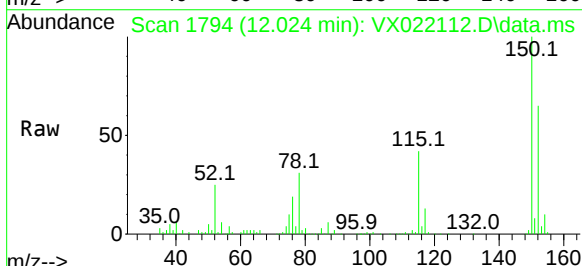
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-EB-20210518

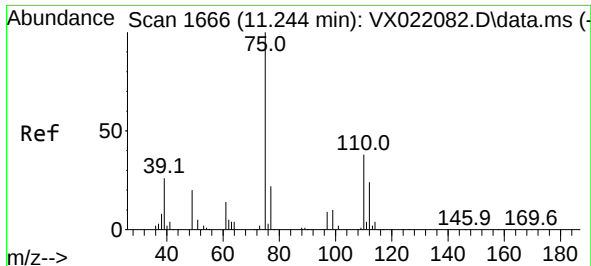
Tgt Ion:117 Resp: 132849
Ion Ratio Lower Upper
117 100
82 58.4 47.4 71.2
119 33.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022112.D
Acq: 21 May 2021 14:03

Tgt Ion:152 Resp: 52859
Ion Ratio Lower Upper
152 100
115 65.4 41.1 123.3
150 156.7 0.0 349.0

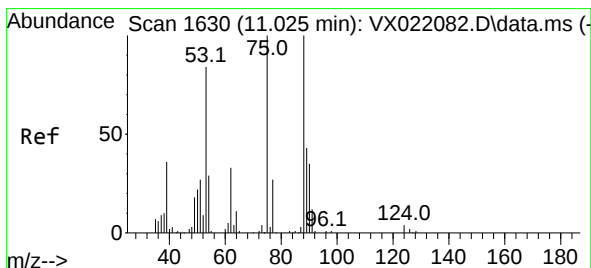
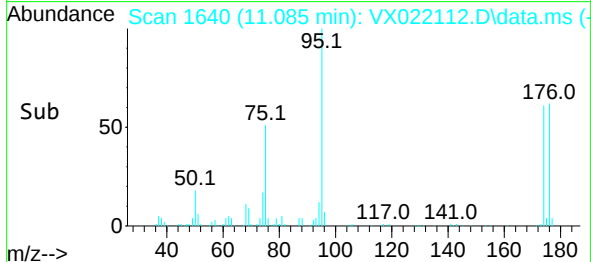
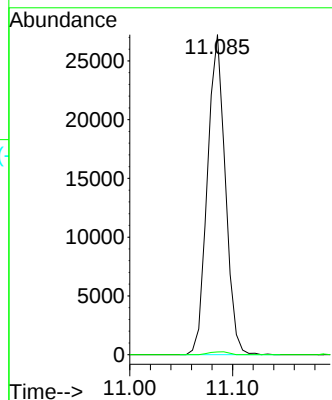
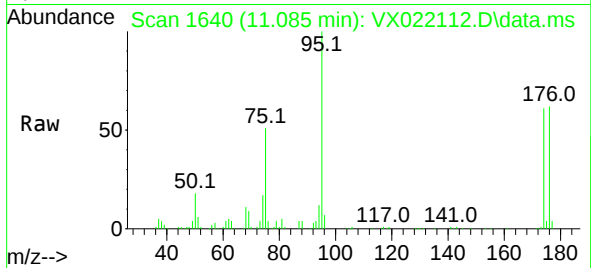




#76
1,2,3-Trichloropropane
Concen: 25.22 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022112.D
Acq: 21 May 2021 14:03

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-EB-20210518

Tgt Ion: 75 Resp: 32885
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.75 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022112.D
Acq: 21 May 2021 14:03

Tgt Ion: 75 Resp: 32885
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

