

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052121\
 Data File : VX022111.D
 Acq On : 21 May 2021 13:41
 Operator : JC/MD
 Sample : M2472-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW8-TB-20210514

Quant Time: May 22 04:54:09 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)

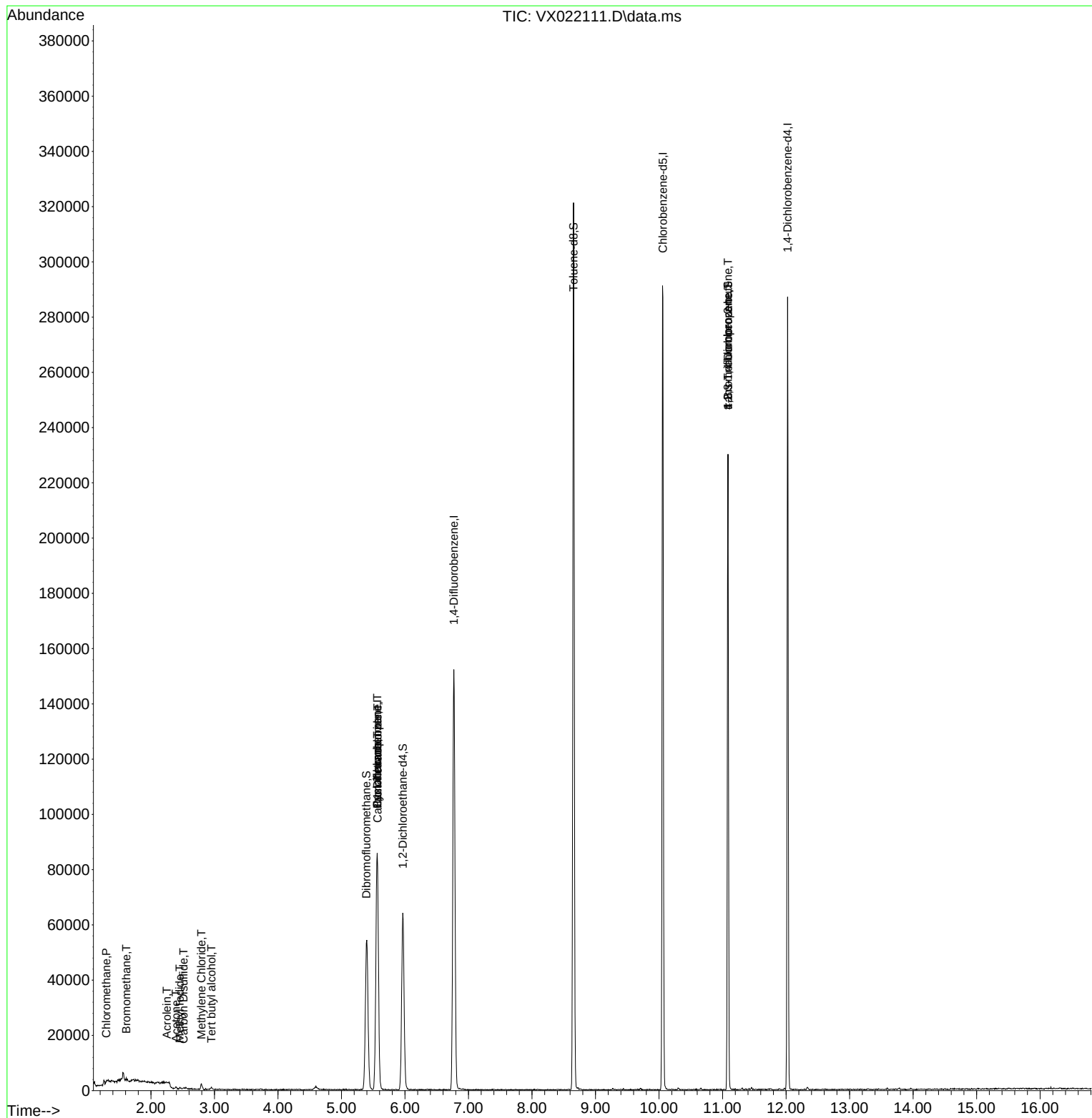
Internal Standards						
1) Pentafluorobenzene	5.562	168	75963	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	154991	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	131731	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51533	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	58973	50.33	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.66%	
35) Dibromofluoromethane	5.391	113	47717	48.55	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.10%	
50) Toluene-d8	8.653	98	182038	48.08	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.16%	
62) 4-Bromofluorobenzene	11.085	95	63839	45.62	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.24%	
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	230	0.23	ug/l	95
5) Bromomethane	1.611	94	246	0.40	ug/l	# 78
10) Methyl Iodide	2.453	142	495	0.51	ug/l	# 90
11) Tert butyl alcohol	2.953	59	249	0.93	ug/l	# 73
13) Acrolein	2.251	56	189	1.06	ug/l	# 58
16) Acetone	2.392	43	535	1.05	ug/l	96
17) Carbon Disulfide	2.514	76	703	0.31	ug/l	# 75
20) Methylene Chloride	2.794	84	941	0.83	ug/l	# 77
31) Cyclohexane	5.562	56	2051	1.39	ug/l	# 20
36) 1,1-Dichloropropene	5.562	75	6978	4.87	ug/l	# 46
38) Carbon Tetrachloride	5.568	117	8223	5.87	ug/l	# 19
76) 1,2,3-Trichloropropane	11.085	75	32933	25.90	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	32933	61.38	ug/l	# 12

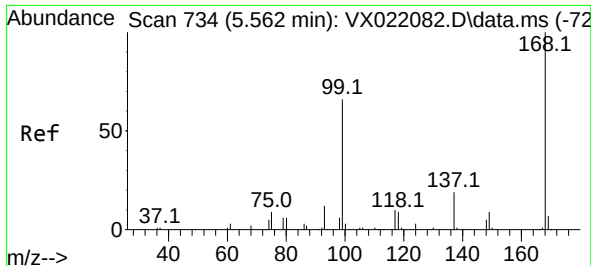
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052121\
Data File : VX022111.D
Acq On : 21 May 2021 13:41
Operator : JC/MD
Sample : M2472-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-TB-20210514

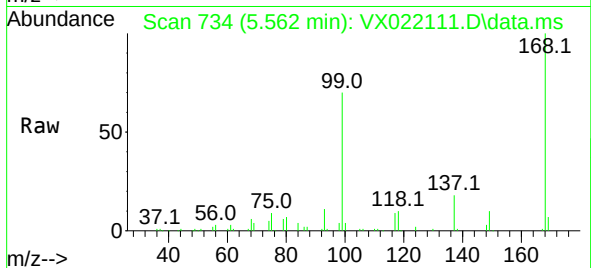
Quant Time: May 22 04:54:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration



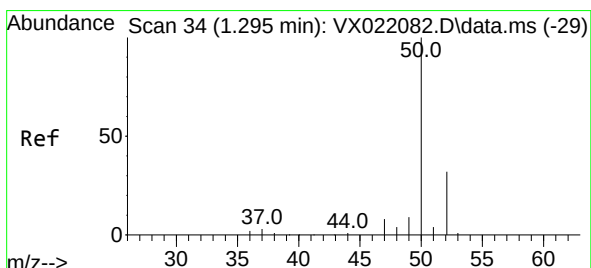
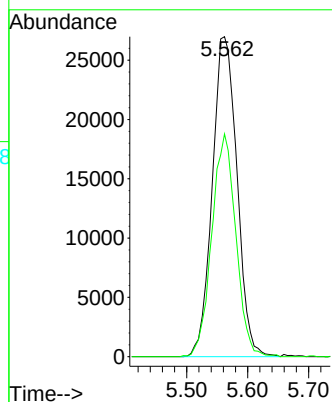
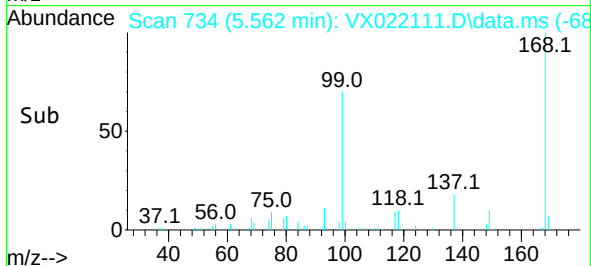


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022111.D
Acq: 21 May 2021 13:41

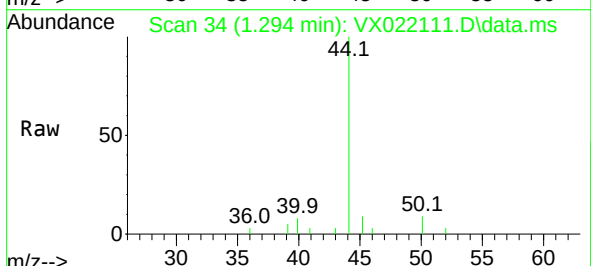
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-TB-20210514



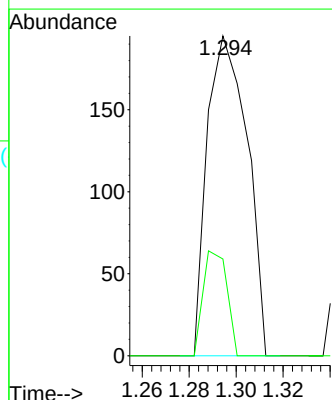
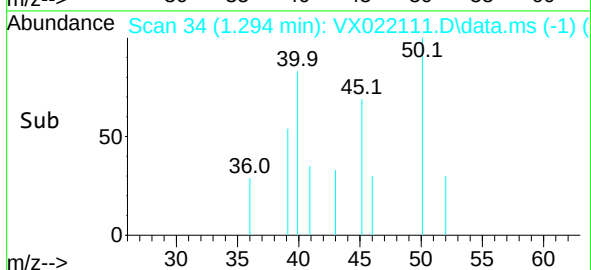
Tgt Ion:168 Resp: 75963
Ion Ratio Lower Upper
168 100
99 69.6 45.8 68.6#

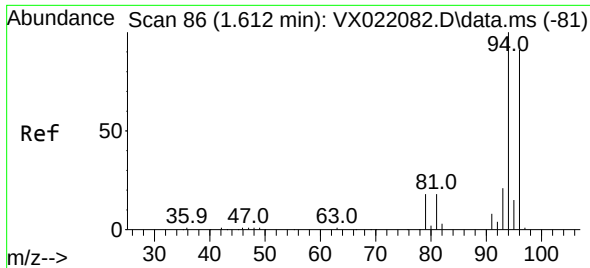


#3
Chloromethane
Concen: 0.23 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX022111.D
Acq: 21 May 2021 13:41



Tgt Ion: 50 Resp: 230
Ion Ratio Lower Upper
50 100
52 30.3 26.4 39.6

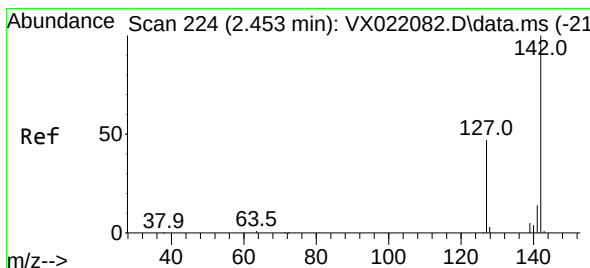
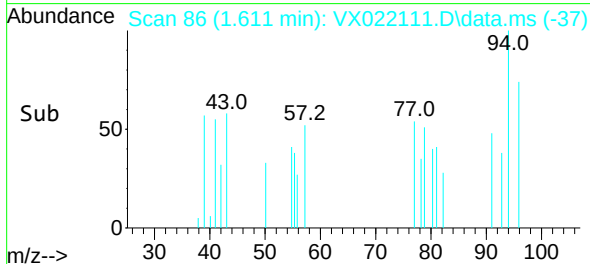
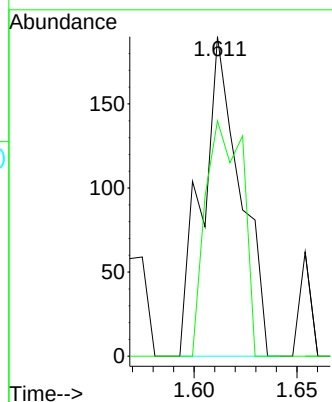
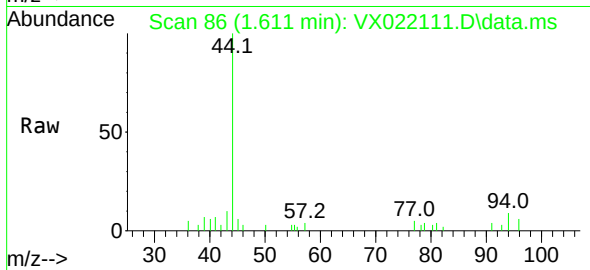




#5
Bromomethane
Concen: 0.40 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.001 min
Lab File: VX022111.D
Acq: 21 May 2021 13:41

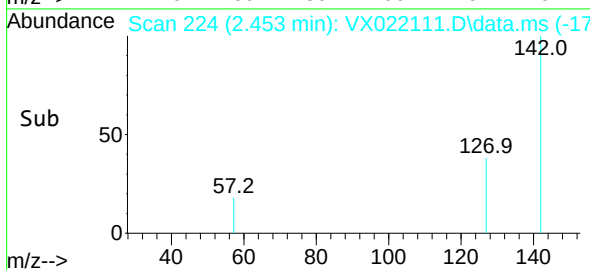
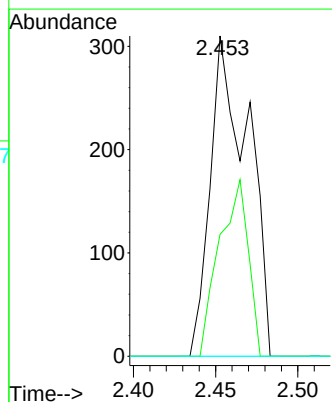
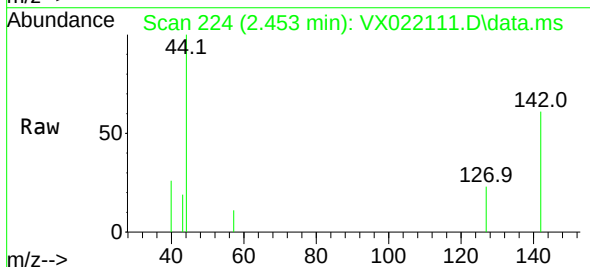
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-TB-20210514

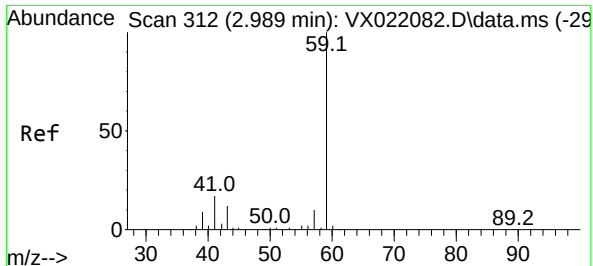
Tgt Ion: 94 Resp: 246
Ion Ratio Lower Upper
94 100
96 73.7 76.4 114.6#



#10
Methyl Iodide
Concen: 0.51 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX022111.D
Acq: 21 May 2021 13:41

Tgt Ion: 142 Resp: 495
Ion Ratio Lower Upper
142 100
127 42.4 33.3 49.9
141 0.0 11.4 17.0#



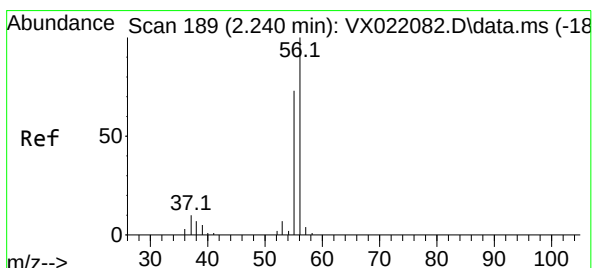
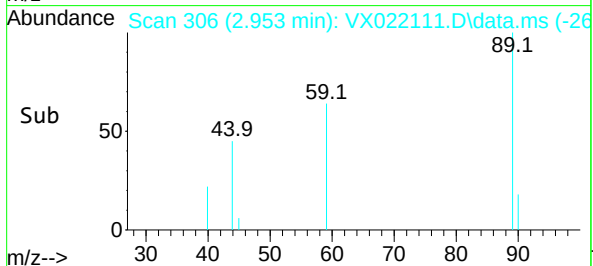
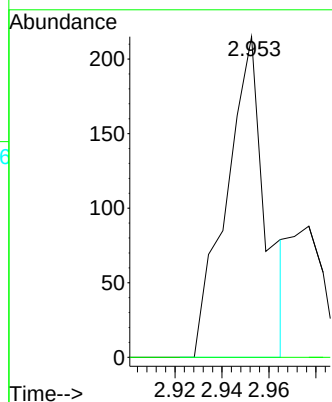
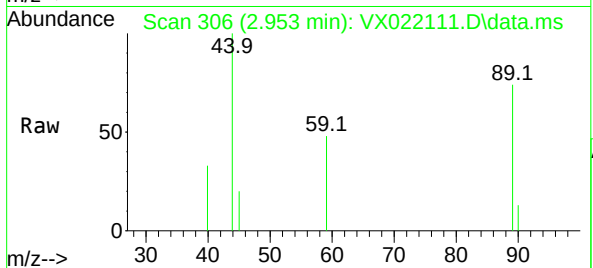


#11

Tert butyl alcohol
Concen: 0.93 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022111.D
Acq: 21 May 2021 13:41

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-TB-20210514

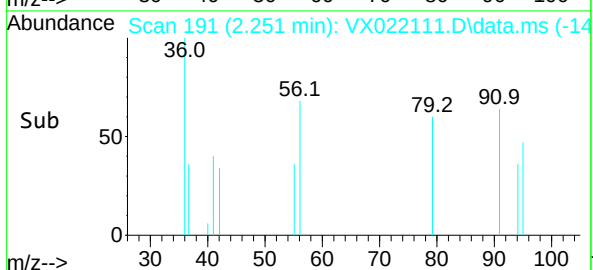
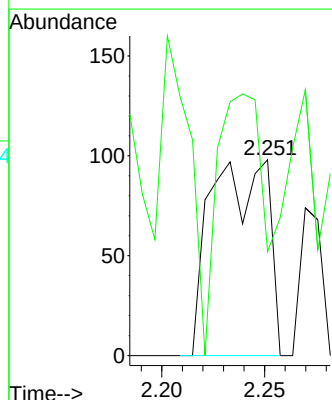
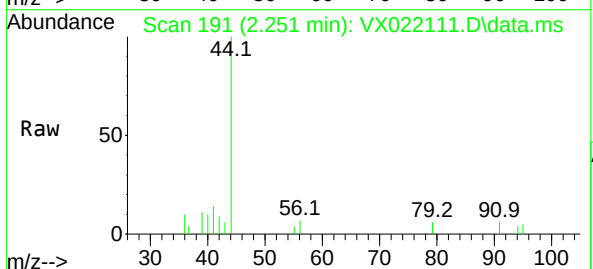
Tgt Ion: 59 Resp: 249
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

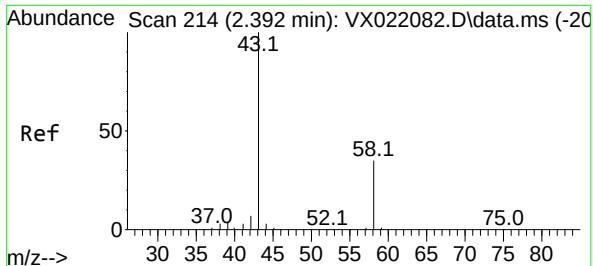


#13

Acrolein
Concen: 1.06 ug/l
RT: 2.251 min Scan# 191
Delta R.T. 0.011 min
Lab File: VX022111.D
Acq: 21 May 2021 13:41

Tgt Ion: 56 Resp: 189
Ion Ratio Lower Upper
56 100
55 104.8 56.4 84.6#

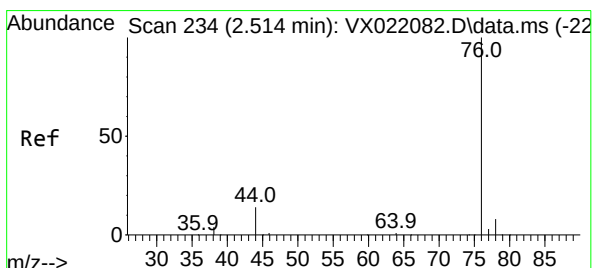
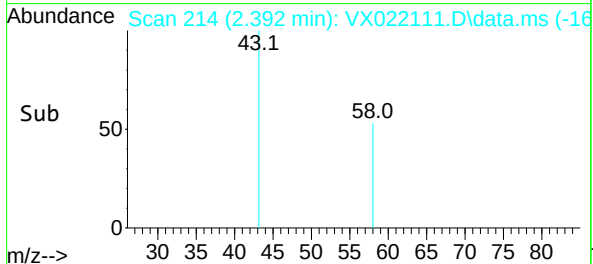
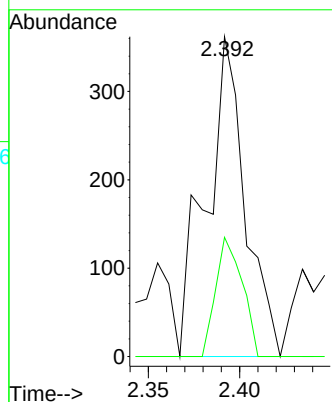
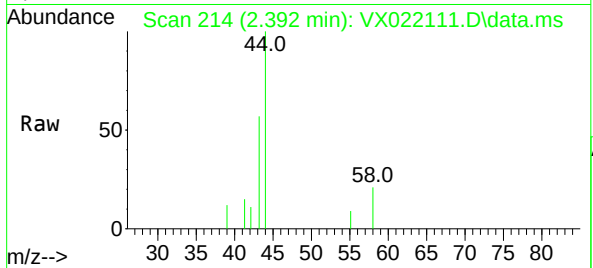




#16
Acetone
Concen: 1.05 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022111.D
Acq: 21 May 2021 13:41

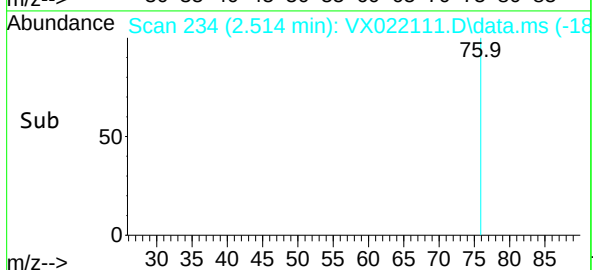
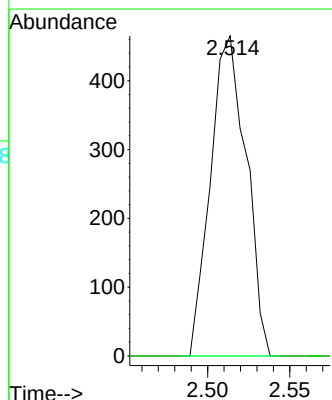
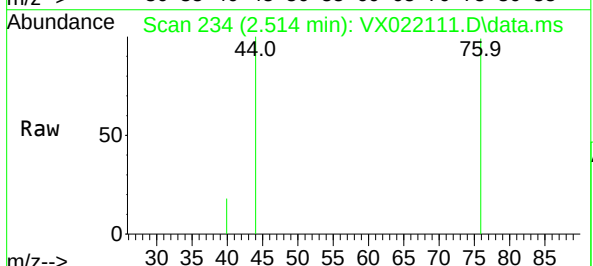
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-TB-20210514

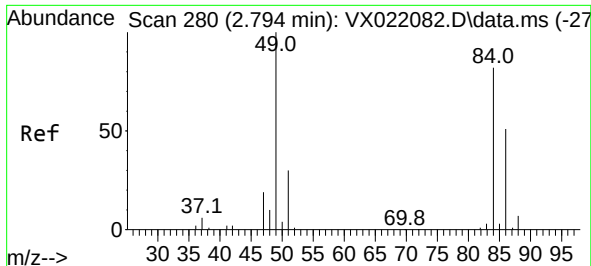
Tgt Ion: 43 Resp: 535
Ion Ratio Lower Upper
43 100
58 37.3 27.8 41.8



#17
Carbon Disulfide
Concen: 0.31 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022111.D
Acq: 21 May 2021 13:41

Tgt Ion: 76 Resp: 703
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

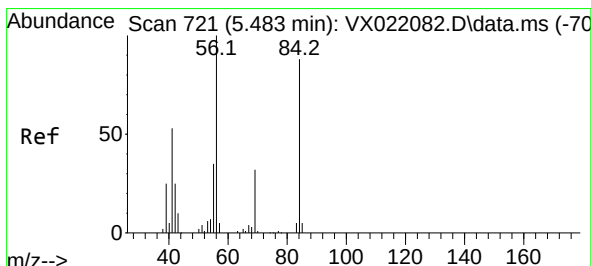
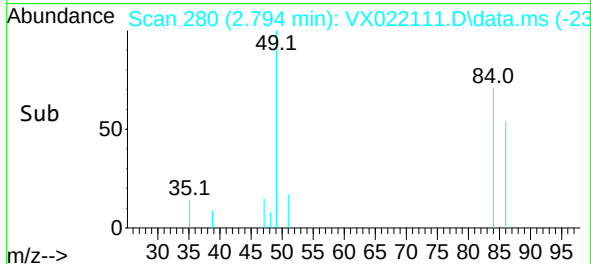
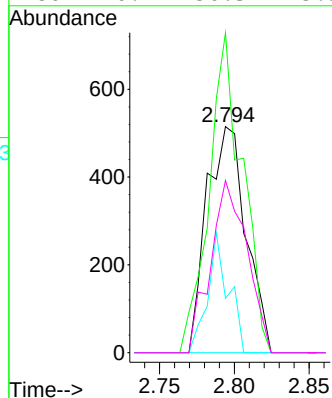
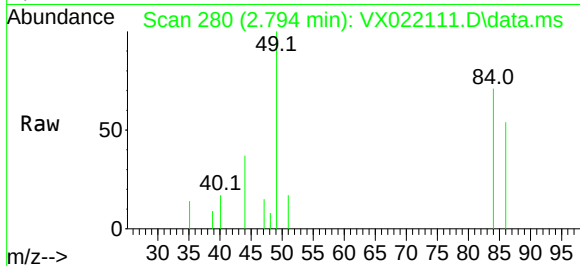




#20
Methylene Chloride
Concen: 0.83 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022111.D
Acq: 21 May 2021 13:41

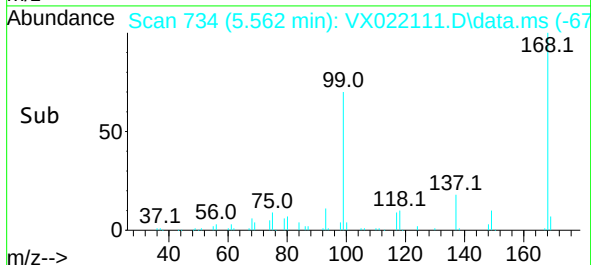
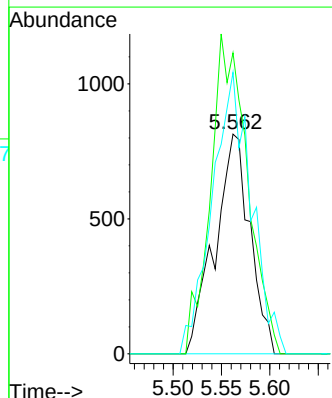
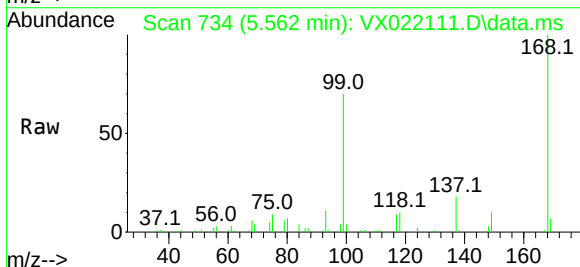
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-TB-20210514

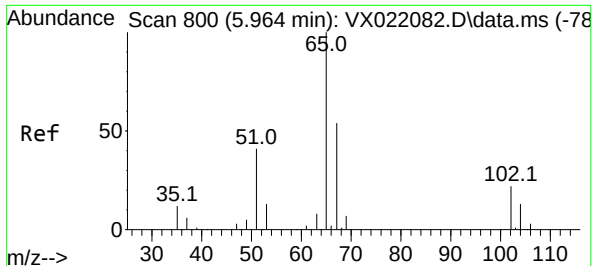
Tgt Ion:	84	Resp:	941
Ion	Ratio	Lower	Upper
84	100		
49	141.6	88.6	132.8#
51	24.1	27.0	40.6#
86	76.1	50.3	75.5#



#31
Cyclohexane
Concen: 1.39 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX022111.D
Acq: 21 May 2021 13:41

Tgt Ion:	56	Resp:	2051
Ion	Ratio	Lower	Upper
56	100		
69	137.0	25.3	37.9#
84	128.1	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 50.33 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

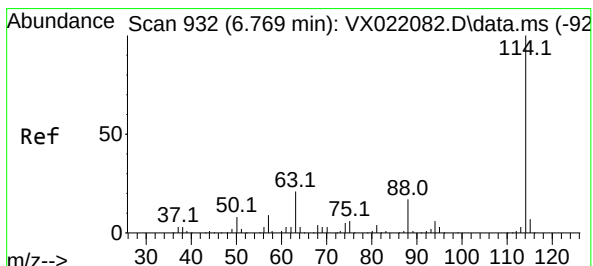
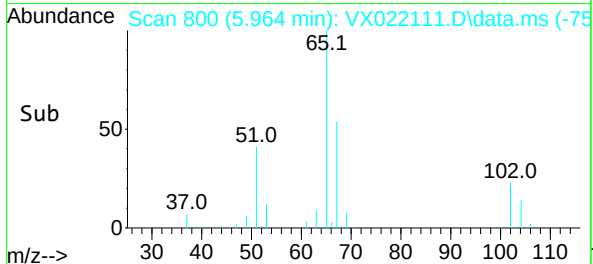
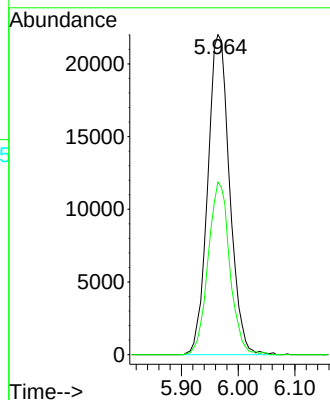
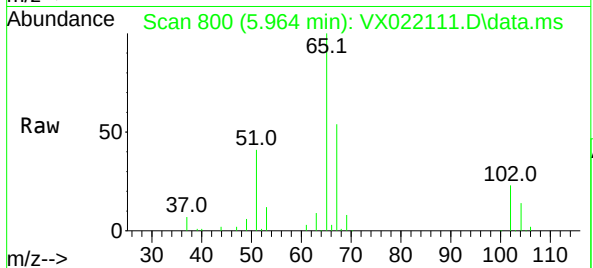
Lab File: VX022111.D

Acq: 21 May 2021 13:41

Tgt Ion: 65 Resp: 58973

Ion Ratio Lower Upper

65	100		
67	53.2	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

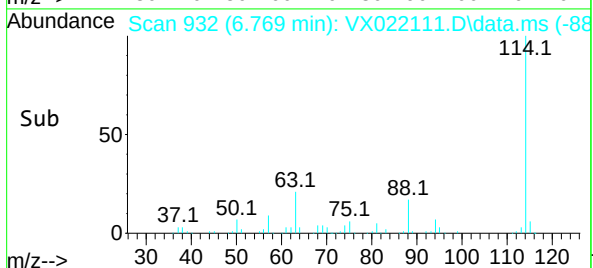
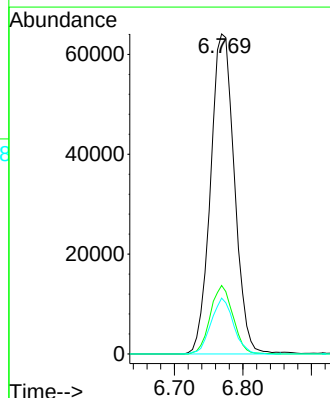
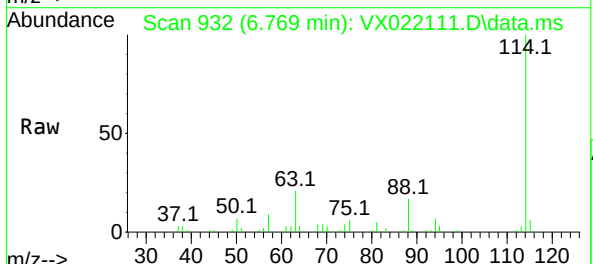
Lab File: VX022111.D

Acq: 21 May 2021 13:41

Tgt Ion: 114 Resp: 154991

Ion Ratio Lower Upper

114	100		
63	21.4	0.0	40.8
88	17.5	0.0	32.8

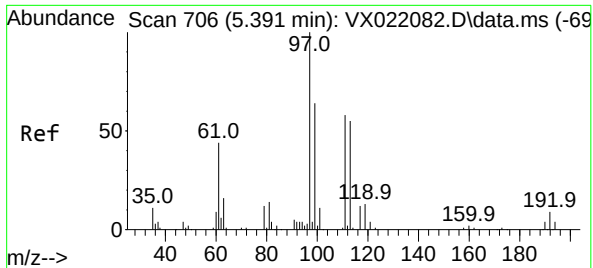


Instrument :

MSVOA_X

ClientSampleId :

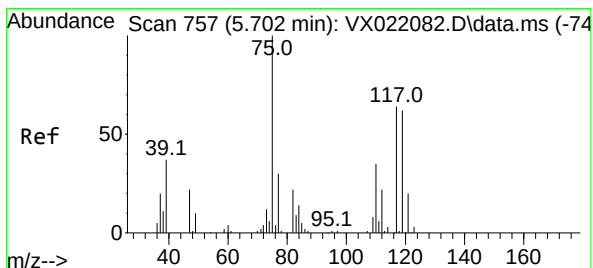
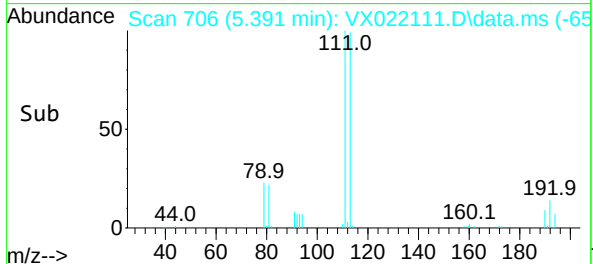
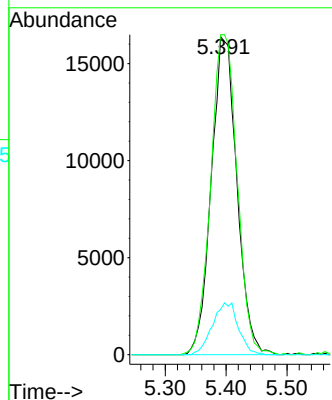
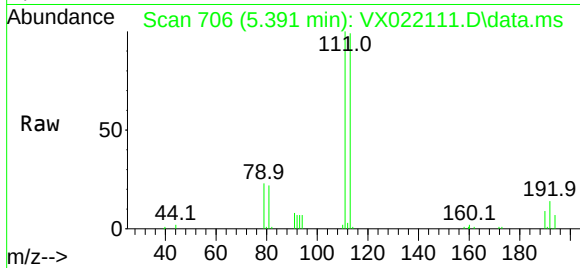
BP-VPB-RW8-TB-20210514



#35
Dibromofluoromethane
Concen: 48.55 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022111.D
Acq: 21 May 2021 13:41

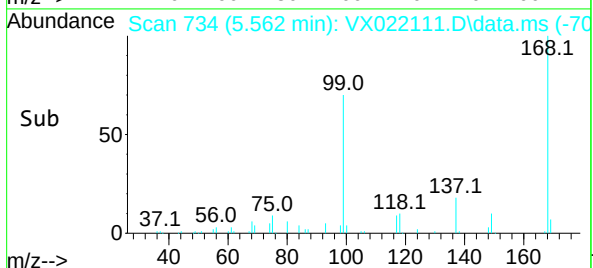
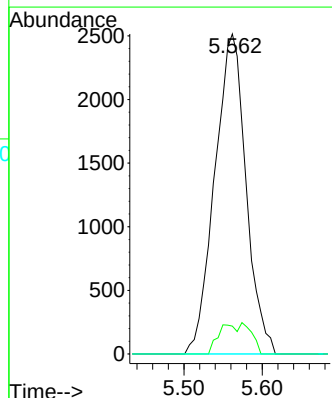
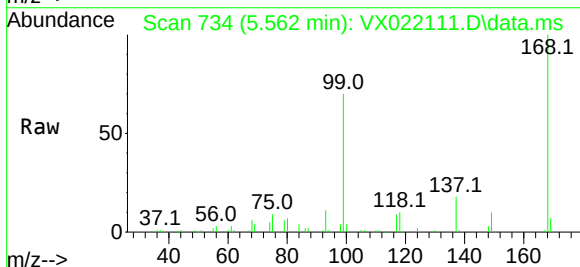
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-TB-20210514

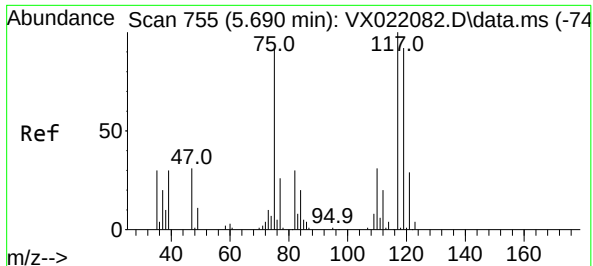
Tgt Ion:113 Resp: 47717
Ion Ratio Lower Upper
113 100
111 104.0 81.9 122.9
192 16.5 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 4.87 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022111.D
Acq: 21 May 2021 13:41

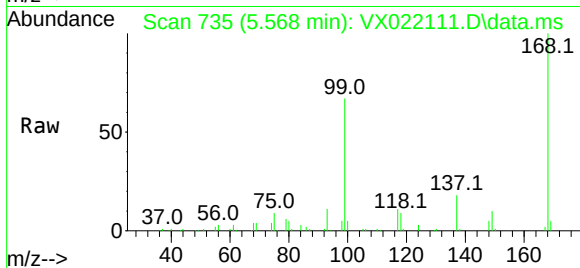
Tgt Ion: 75 Resp: 6978
Ion Ratio Lower Upper
75 100
110 5.7 18.1 54.4#
77 0.0 25.3 37.9#



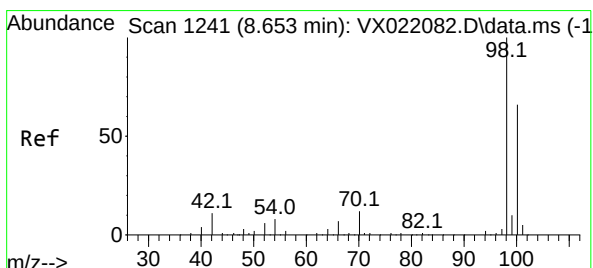
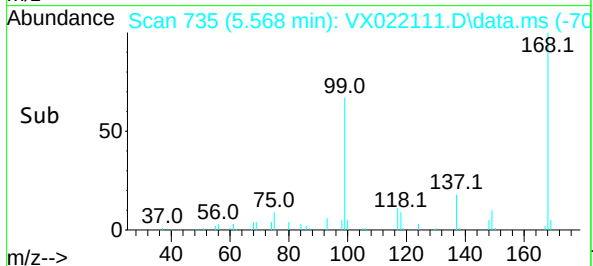
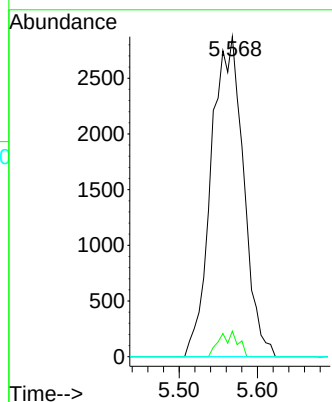


#38
Carbon Tetrachloride
Concen: 5.87 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX022111.D
Acq: 21 May 2021 13:41

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-TB-20210514

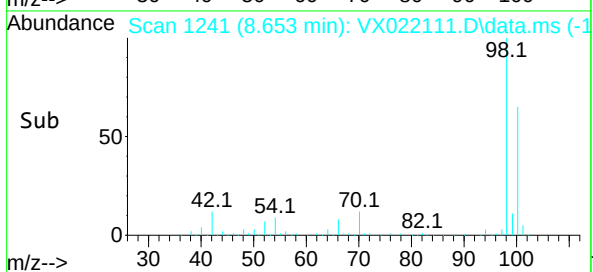
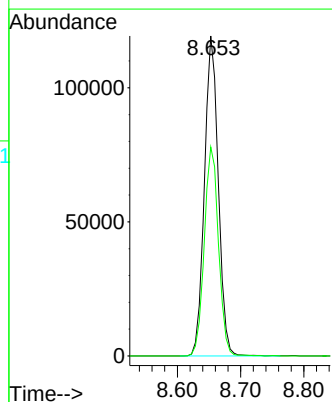
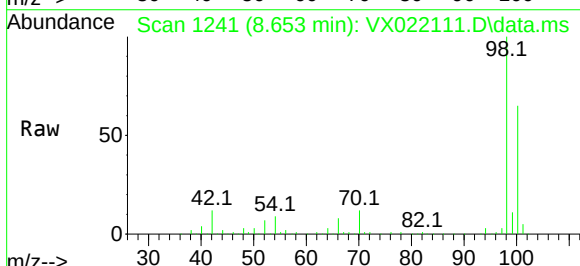


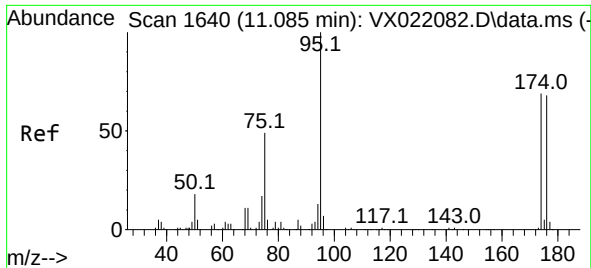
Tgt Ion:117 Resp: 8223
Ion Ratio Lower Upper
117 100
119 8.0 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.08 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022111.D
Acq: 21 May 2021 13:41

Tgt Ion: 98 Resp: 182038
Ion Ratio Lower Upper
98 100
100 67.0 51.9 77.9

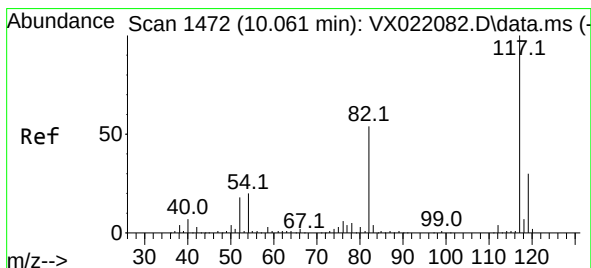
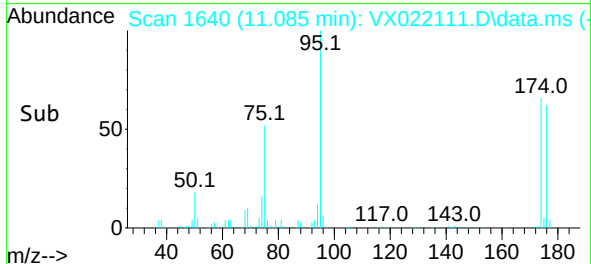
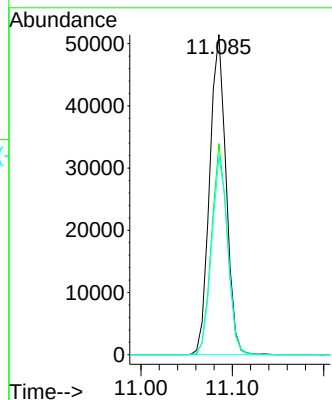
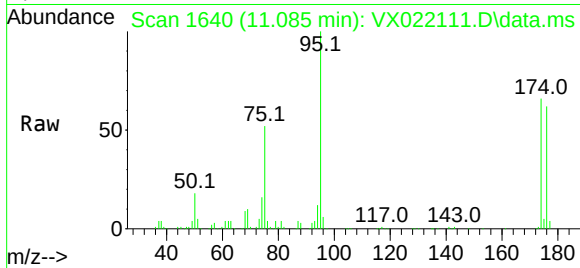




#62
4-Bromofluorobenzene
Concen: 45.62 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022111.D
Acq: 21 May 2021 13:41

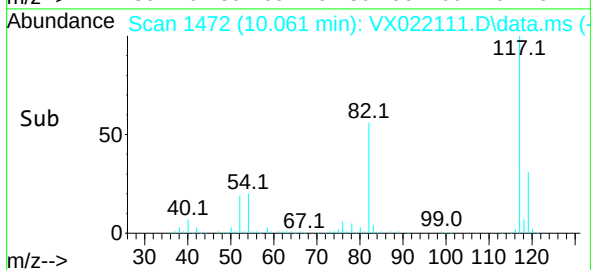
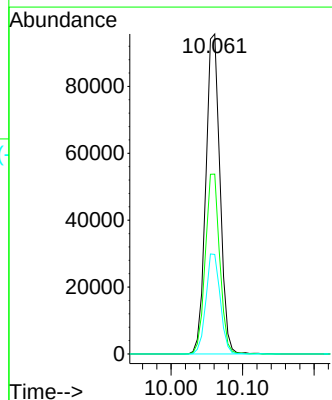
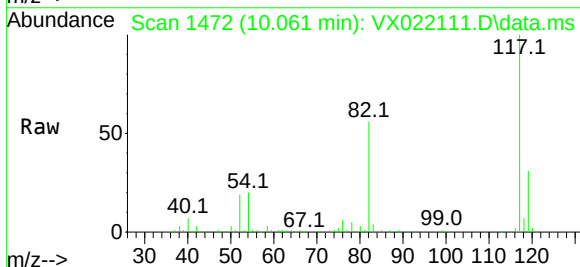
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-TB-20210514

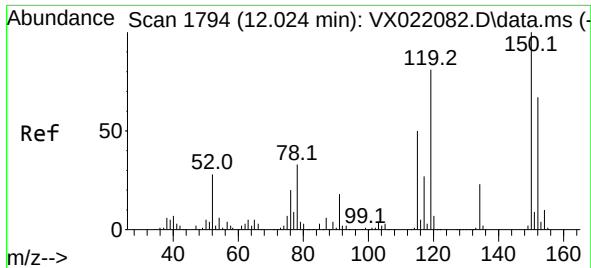
Tgt Ion: 95 Resp: 63839
Ion Ratio Lower Upper
95 100
174 63.9 0.0 154.6
176 61.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022111.D
Acq: 21 May 2021 13:41

Tgt Ion: 117 Resp: 131731
Ion Ratio Lower Upper
117 100
82 56.2 47.4 71.2
119 31.1 26.6 39.8

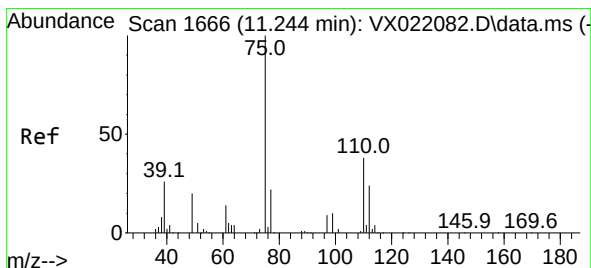
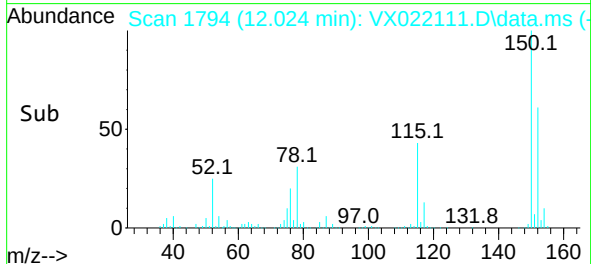
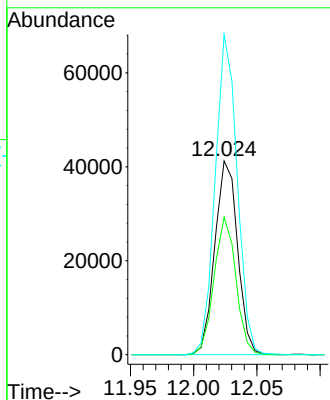
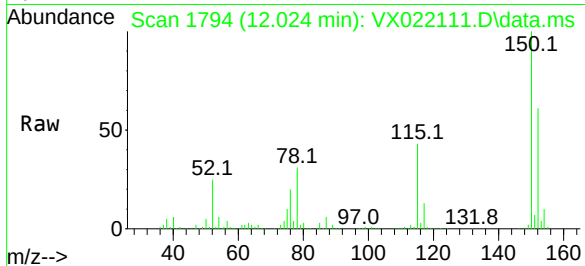




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022111.D
Acq: 21 May 2021 13:41

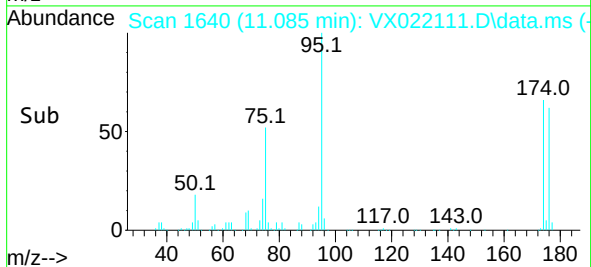
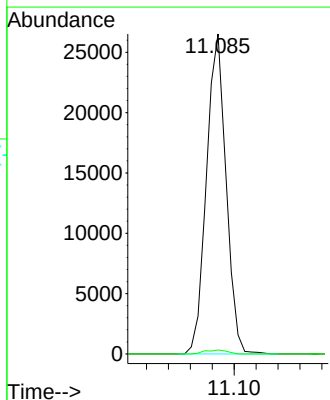
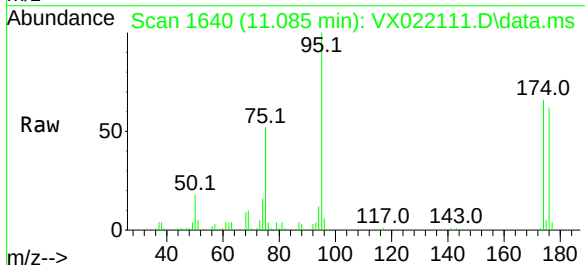
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-TB-20210514

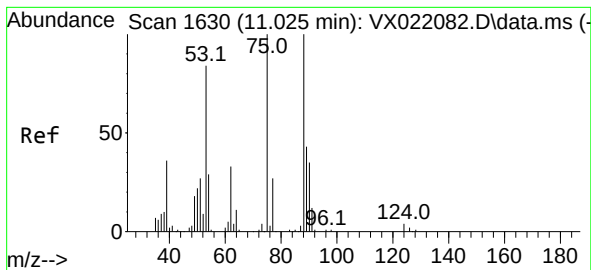
Tgt Ion:152 Resp: 51533
Ion Ratio Lower Upper
152 100
115 68.0 41.1 123.3
150 159.6 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.90 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022111.D
Acq: 21 May 2021 13:41

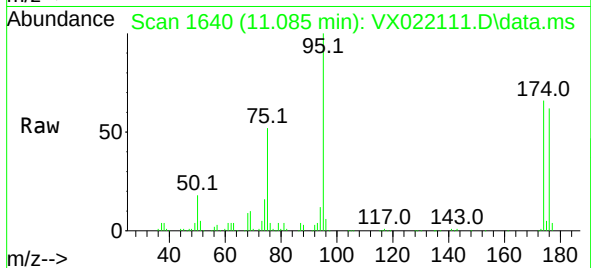
Tgt Ion: 75 Resp: 32933
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.38 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022111.D
 Acq: 21 May 2021 13:41

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW8-TB-20210514



Tgt Ion:	75	Resp:	32933
Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.5	111.7#
89	0.0	37.9	56.9#

