

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051821\
 Data File : VX022058.D
 Acq On : 18 May 2021 13:57
 Operator : JC/MD
 Sample : M2411-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW8-TB-20210510

Quant Time: May 19 01:59:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050721W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 08 05:38:18 2021
 Response via : Initial Calibration

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

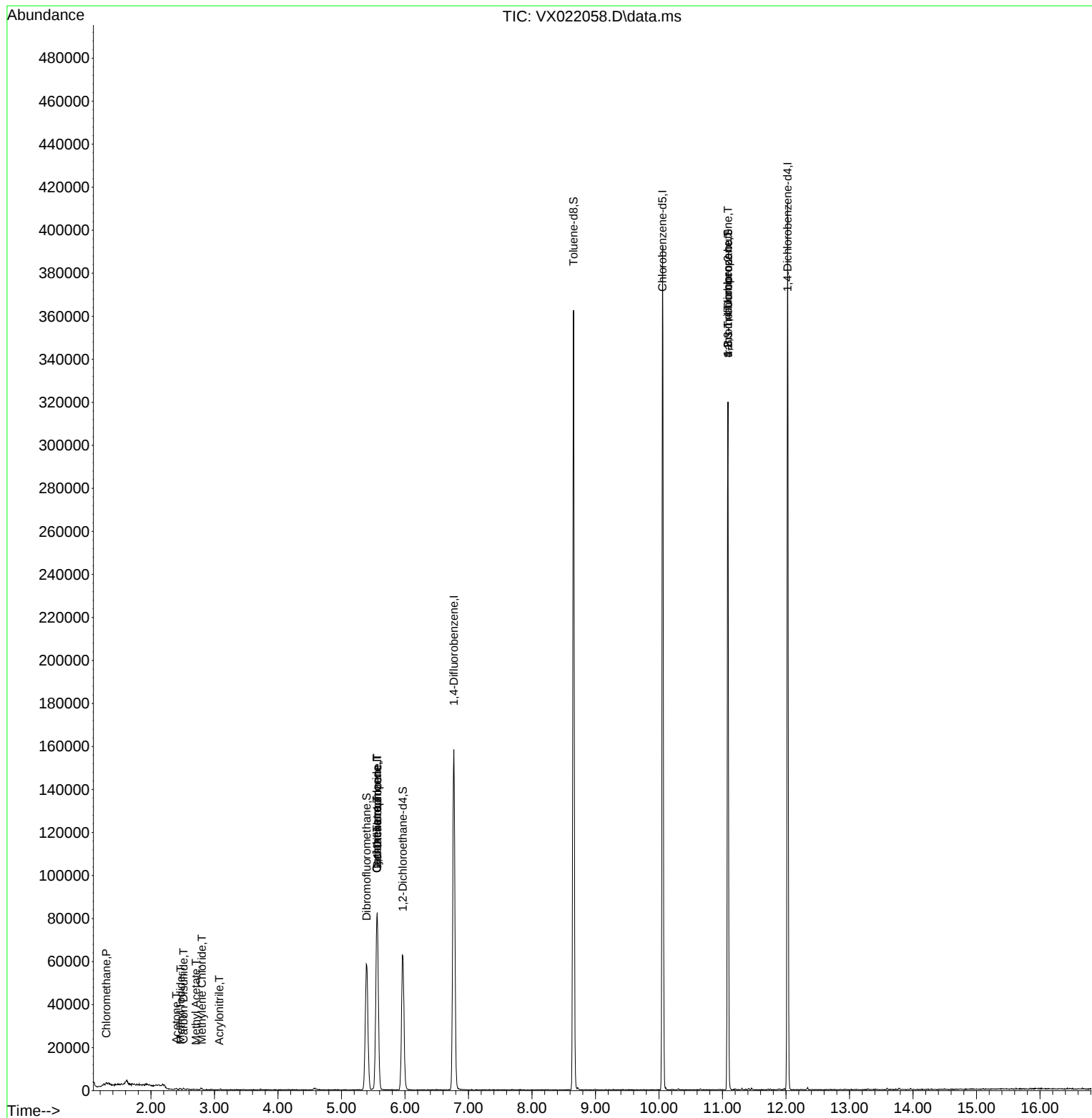
Internal Standards						
1) Pentafluorobenzene	5.562	168	72488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	163146	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	167847	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75279	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	59298	49.71	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.42%		
35) Dibromofluoromethane	5.397	113	50398	45.08	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.16%		
50) Toluene-d8	8.653	98	204074	47.83	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.66%		
62) 4-Bromofluorobenzene	11.085	95	87077	51.71	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.42%		
Target Compounds						Qvalue
3) Chloromethane	1.295	50	251	0.22	ug/l #	74
10) Methyl Iodide	2.465	142	730	0.66	ug/l #	90
13) Acrolein	2.227	56	65	Below Cal	#	1
15) Acrylonitrile	3.075	53	120	0.20	ug/l #	67
16) Acetone	2.398	43	567	1.06	ug/l #	40
17) Carbon Disulfide	2.514	76	790	0.29	ug/l #	75
18) Methyl Acetate	2.709	43	384	0.26	ug/l #	47
20) Methylene Chloride	2.800	84	342	0.46	ug/l #	68
31) Cyclohexane	5.556	56	2031	1.29	ug/l #	16
36) 1,1-Dichloropropene	5.562	75	6900	3.99	ug/l #	47
38) Carbon Tetrachloride	5.556	117	8283	4.79	ug/l #	17
76) 1,2,3-Trichloropropane	11.085	75	44666	20.87	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	44666	48.41	ug/l #	12

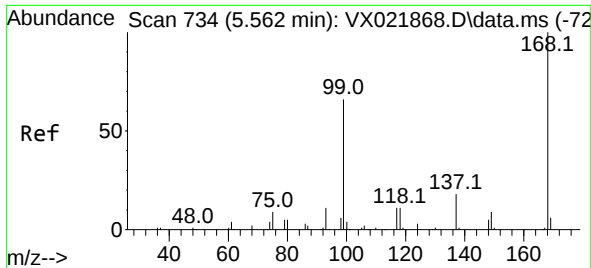
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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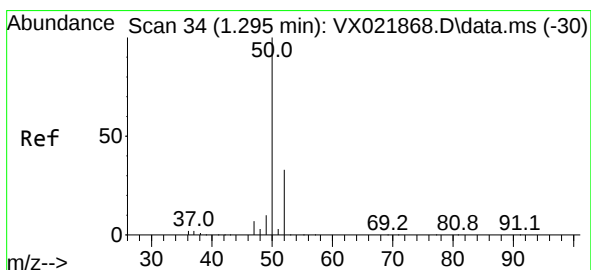
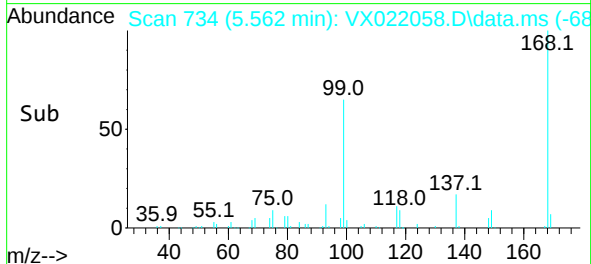
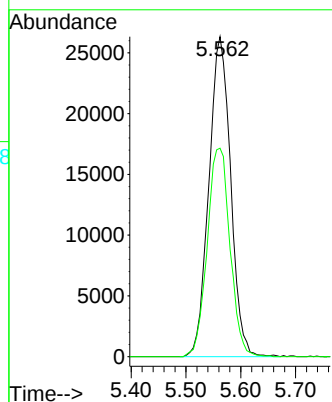
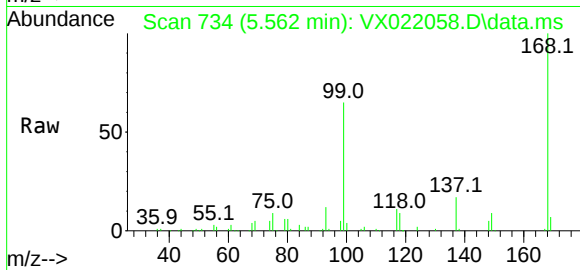




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022058.D
Acq: 18 May 2021 13:57

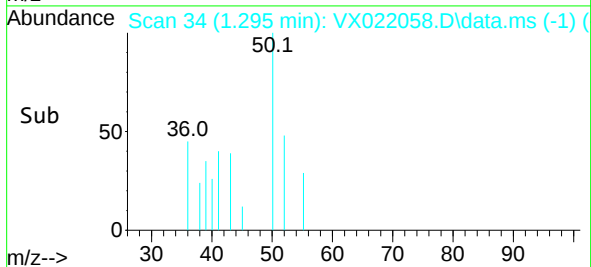
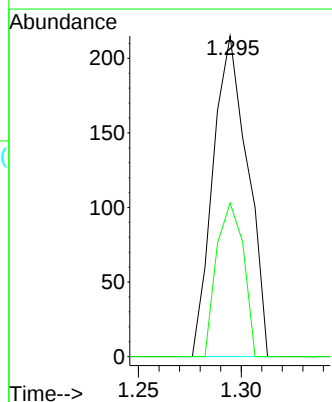
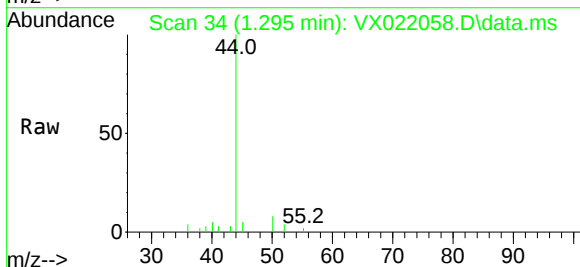
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-TB-20210510

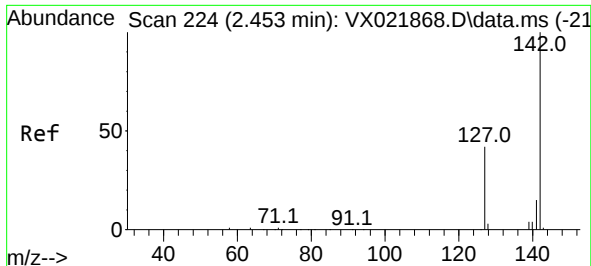
Tgt Ion:168 Resp: 72488
Ion Ratio Lower Upper
168 100
99 65.1 45.8 68.6



#3
Chloromethane
Concen: 0.22 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX022058.D
Acq: 18 May 2021 13:57

Tgt Ion: 50 Resp: 251
Ion Ratio Lower Upper
50 100
52 47.9 26.4 39.6#

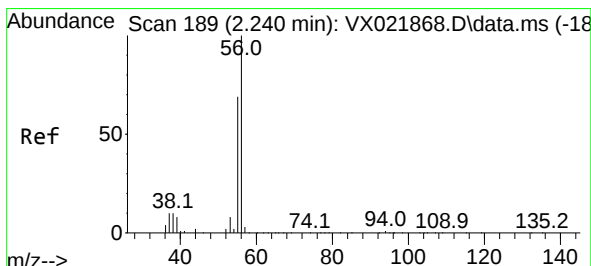
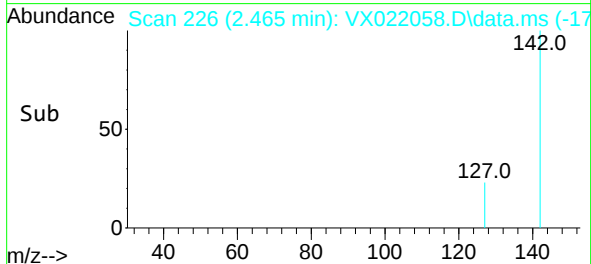
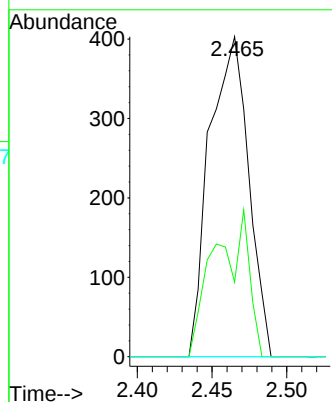
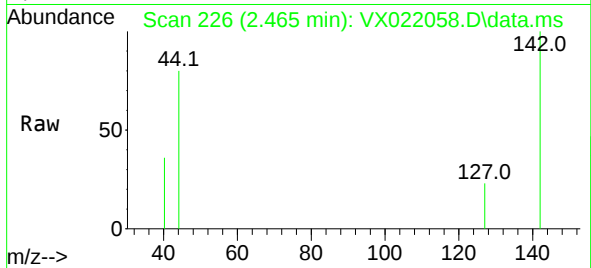




#10
Methyl Iodide
Concen: 0.66 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX022058.D
Acq: 18 May 2021 13:57

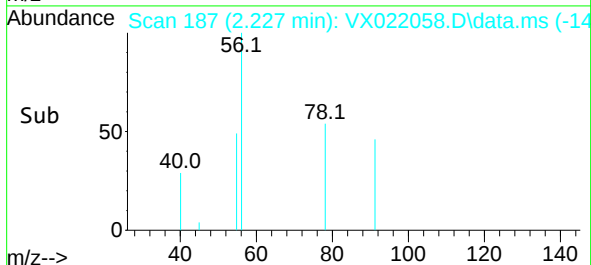
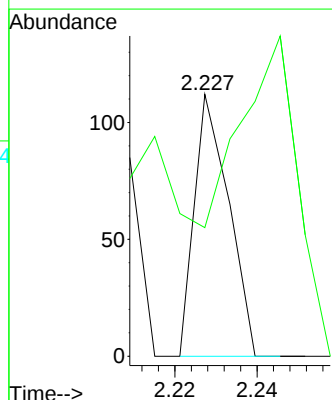
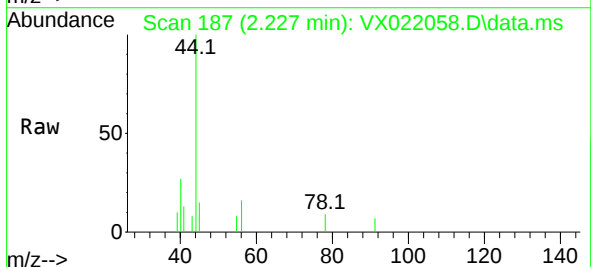
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-TB-20210510

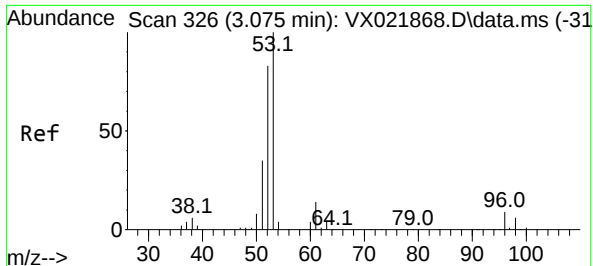
Tgt Ion:142 Resp: 730
Ion Ratio Lower Upper
142 100
127 40.3 33.3 49.9
141 0.0 11.4 17.0#



#13
Acrolein
Concen: Below Cal
RT: 2.227 min Scan# 187
Delta R.T. -0.013 min
Lab File: VX022058.D
Acq: 18 May 2021 13:57

Tgt Ion: 56 Resp: 65
Ion Ratio Lower Upper
56 100
55 220.0 56.4 84.6#

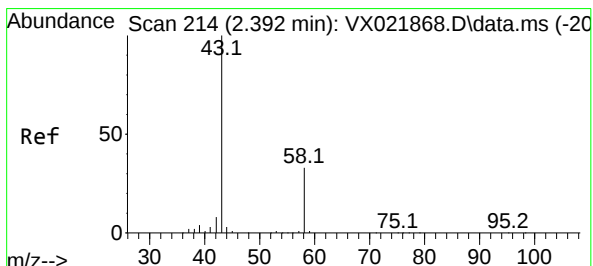
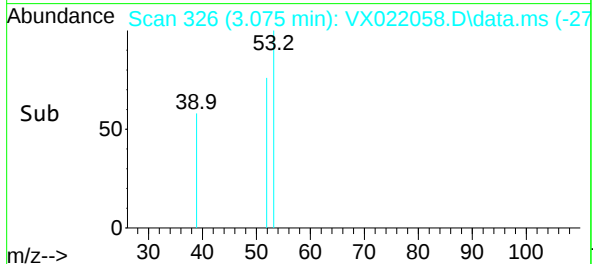
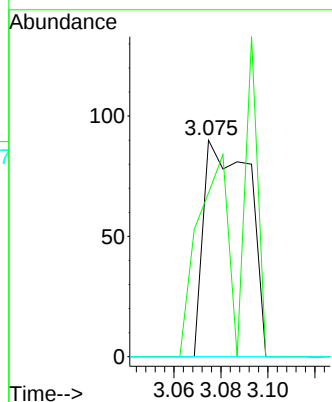
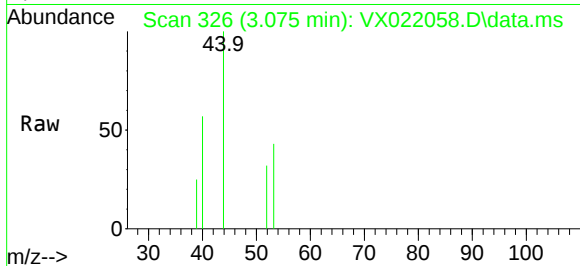




#15
Acrylonitrile
Concen: 0.20 ug/l
RT: 3.075 min Scan# 326
Delta R.T. -0.000 min
Lab File: VX022058.D
Acq: 18 May 2021 13:57

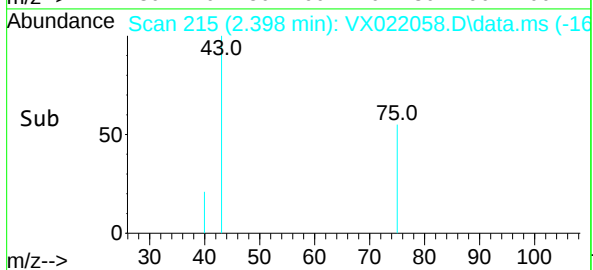
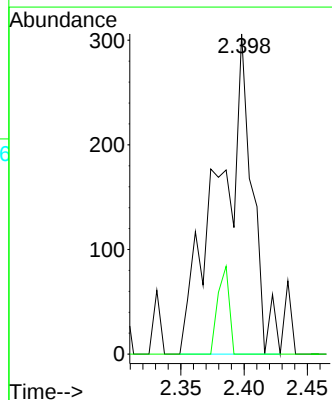
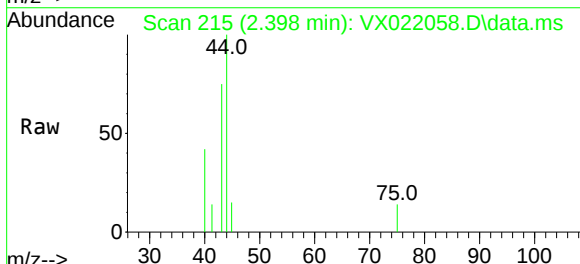
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-TB-20210510

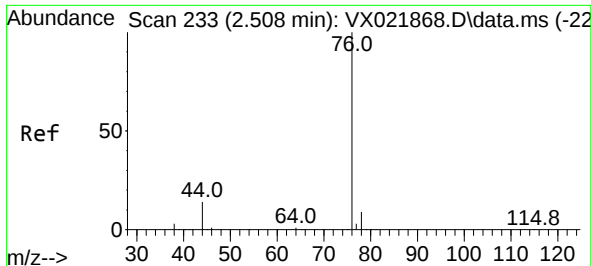
Tgt Ion:	53	Resp:	120
Ion	Ratio	Lower	Upper
53	100		
52	62.5	65.3	97.9#
51	0.0	28.2	42.2#



#16
Acetone
Concen: 1.06 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX022058.D
Acq: 18 May 2021 13:57

Tgt Ion:	43	Resp:	567
Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.8	41.8#

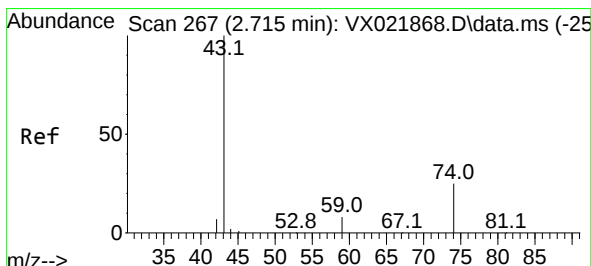
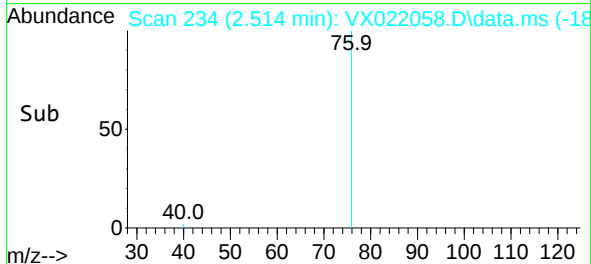
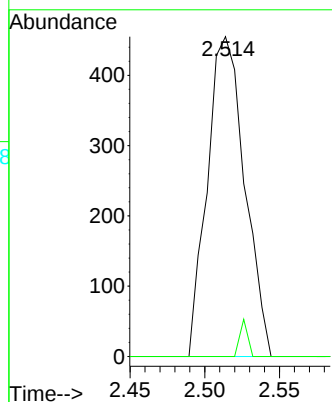
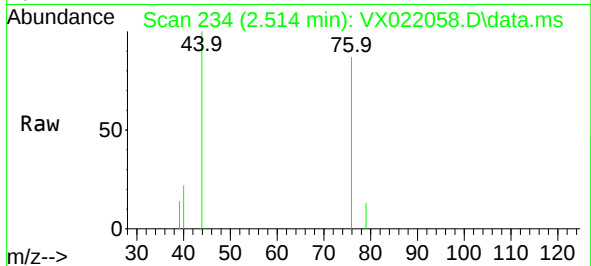




#17
Carbon Disulfide
Concen: 0.29 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX022058.D
Acq: 18 May 2021 13:57

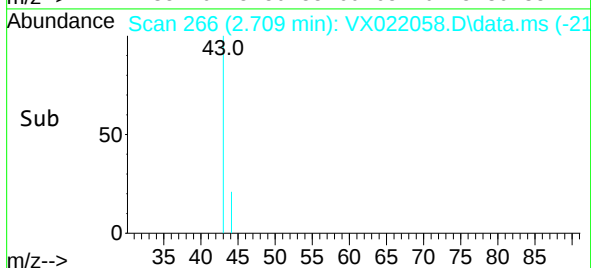
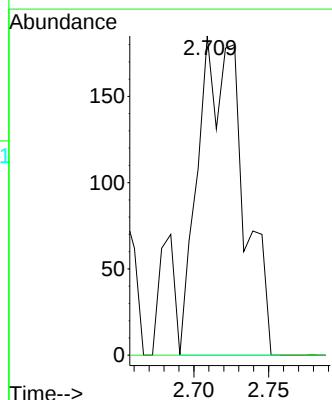
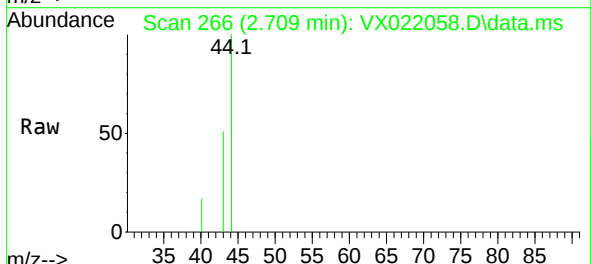
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-TB-20210510

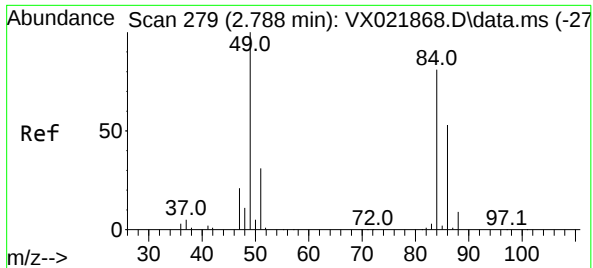
Tgt Ion: 76 Resp: 790
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.26 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX022058.D
Acq: 18 May 2021 13:57

Tgt Ion: 43 Resp: 384
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#

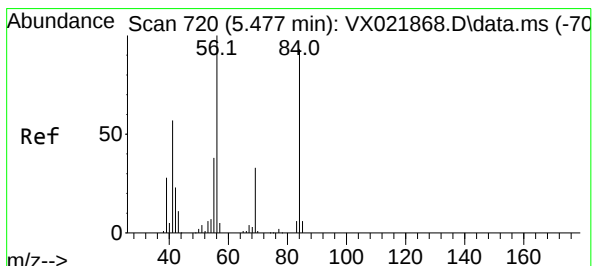
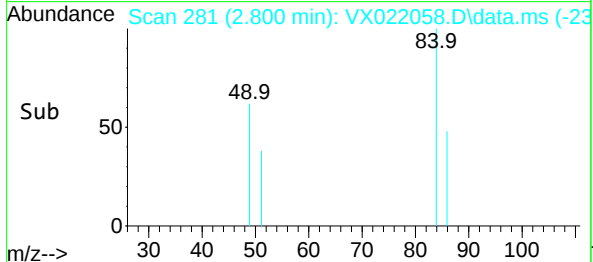
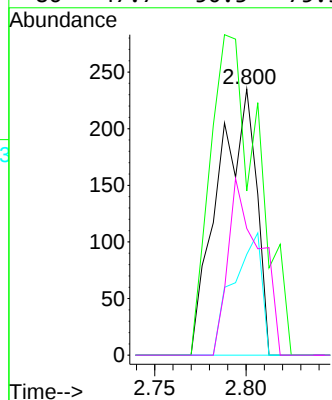
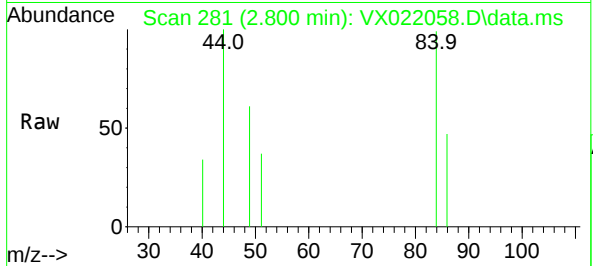




#20
Methylene Chloride
Concen: 0.46 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX022058.D
Acq: 18 May 2021 13:57

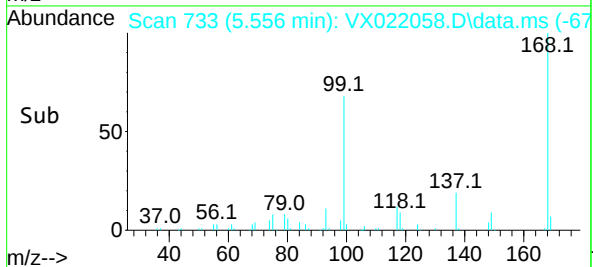
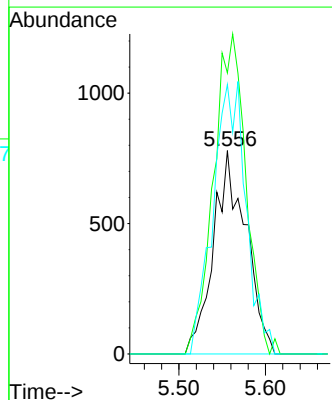
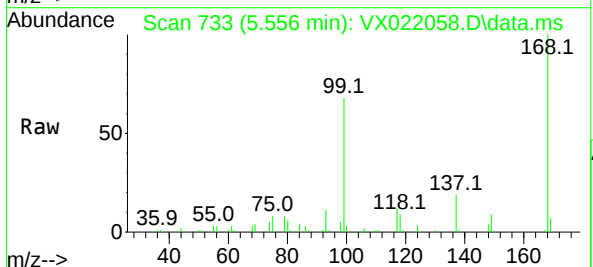
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-TB-20210510

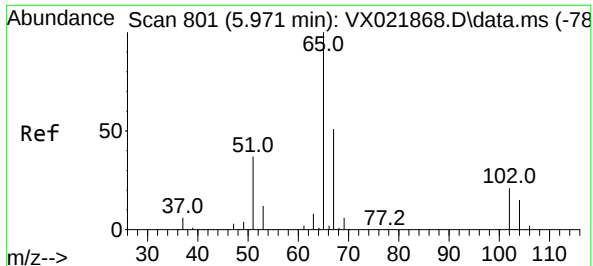
Tgt Ion: 84	Resp:	342
Ion	Ratio	Lower Upper
84	100	
49	61.7	88.6 132.8#
51	37.9	27.0 40.6
86	47.7	50.3 75.5#



#31
Cyclohexane
Concen: 1.29 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX022058.D
Acq: 18 May 2021 13:57

Tgt Ion: 56	Resp:	2031
Ion	Ratio	Lower Upper
56	100	
69	138.1	25.3 37.9#
84	132.4	71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 49.71 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.007 min

Lab File: VX022058.D

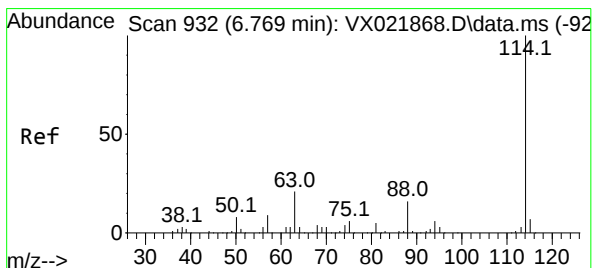
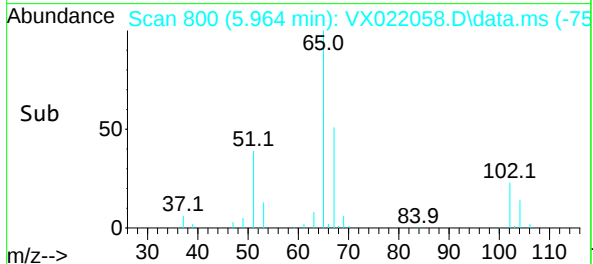
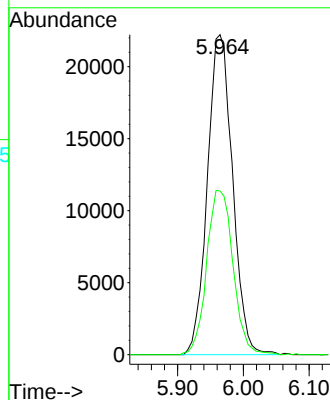
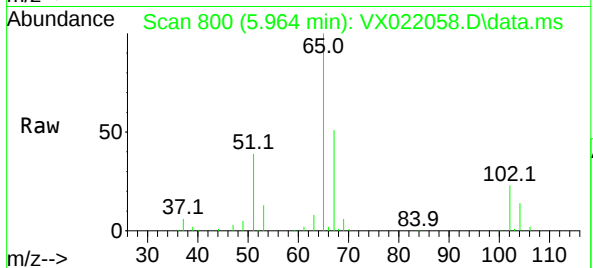
Acq: 18 May 2021 13:57

Tgt Ion: 65 Resp: 59298

Ion Ratio Lower Upper

65 100

67 53.7 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: VX022058.D

Acq: 18 May 2021 13:57

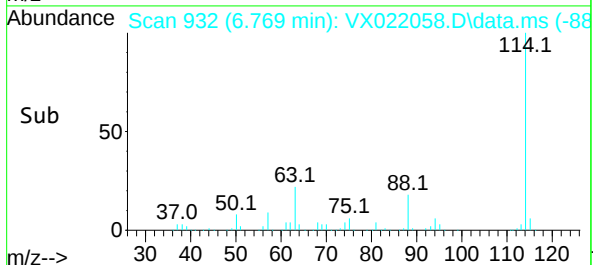
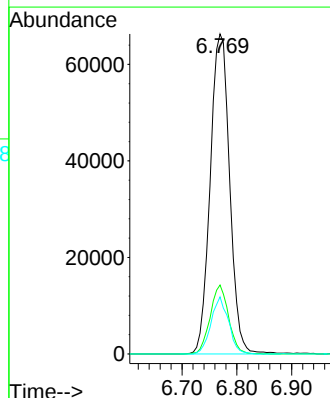
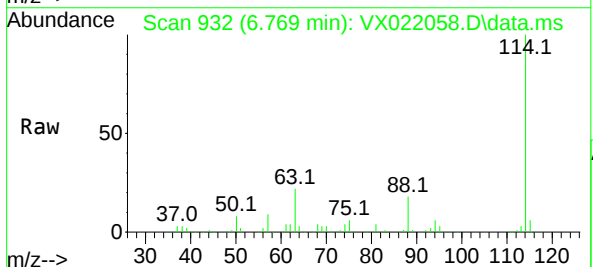
Tgt Ion: 114 Resp: 163146

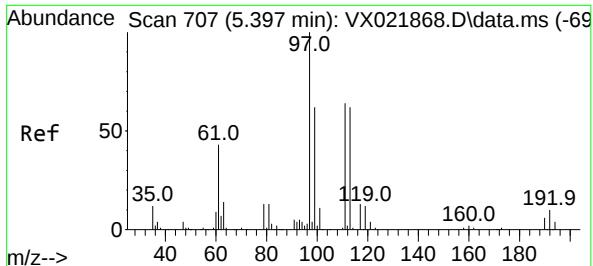
Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.8

88 17.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 45.08 ug/l

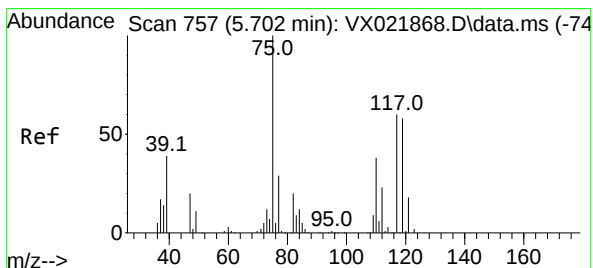
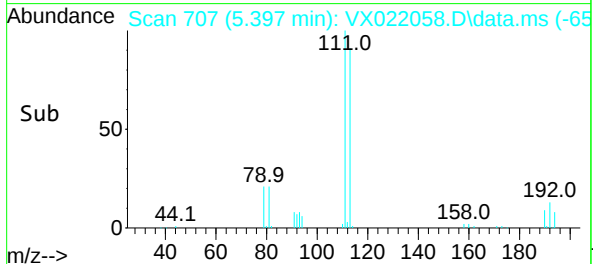
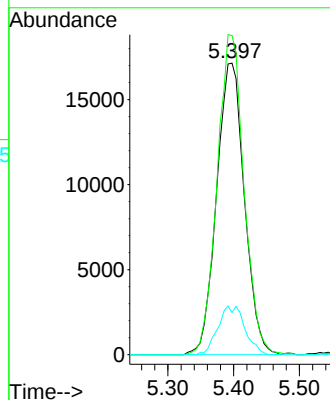
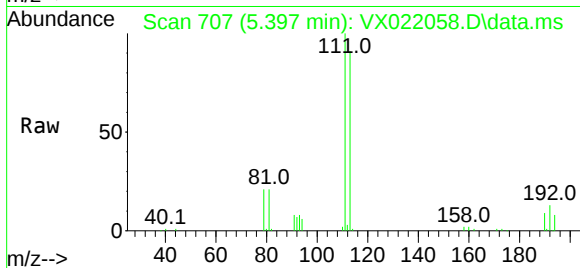
RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX022058.D

Acq: 18 May 2021 13:57

Tgt Ion:	113	Resp:	50398
Ion	Ratio	Lower	Upper
113	100		
111	106.4	81.9	122.9
192	16.2	16.7	25.1#



#36

1,1-Dichloropropene

Concen: 3.99 ug/l

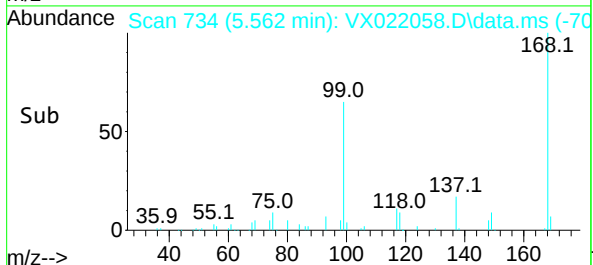
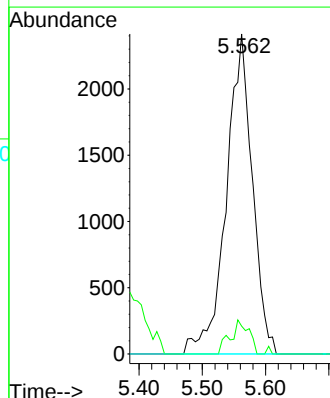
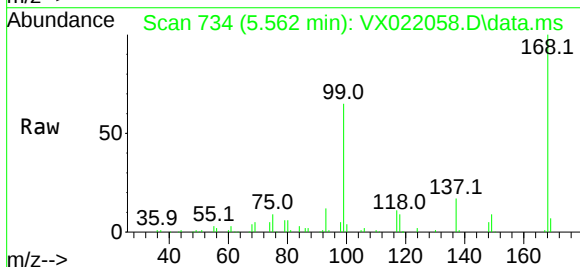
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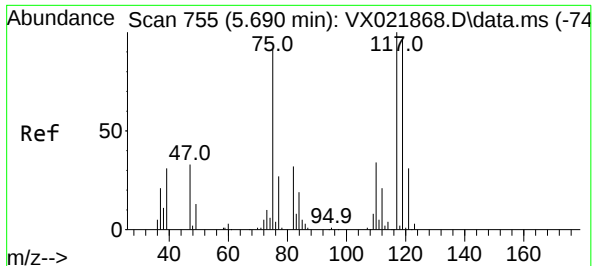
Delta R.T. -0.140 min

Lab File: VX022058.D

Acq: 18 May 2021 13:57

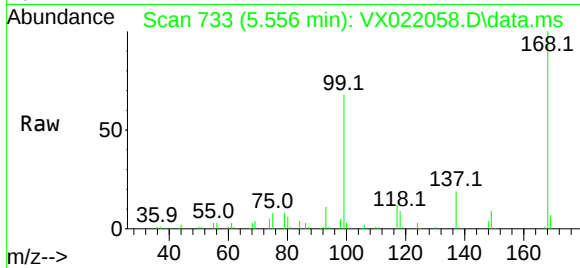
Tgt Ion:	75	Resp:	6900
Ion	Ratio	Lower	Upper
75	100		
110	7.5	18.1	54.4#
77	0.0	25.3	37.9#



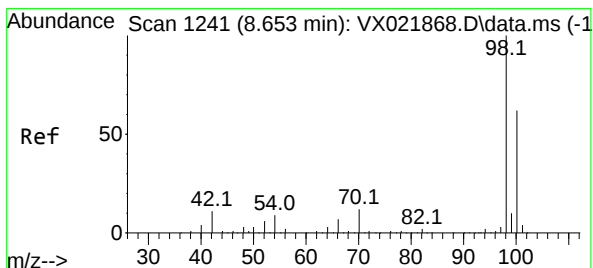
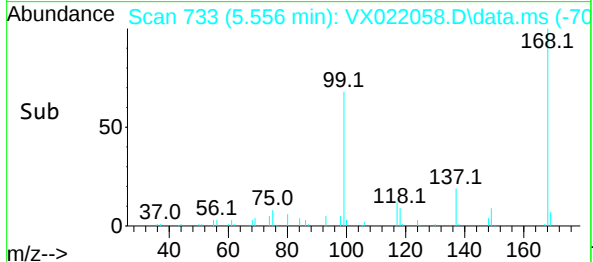
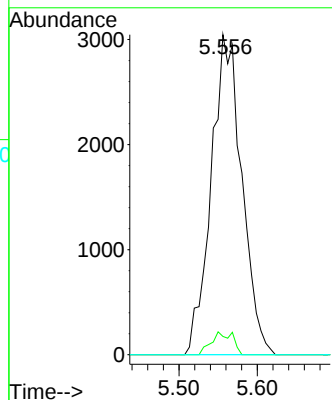


#38
Carbon Tetrachloride
Concen: 4.79 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022058.D
Acq: 18 May 2021 13:57

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-TB-20210510

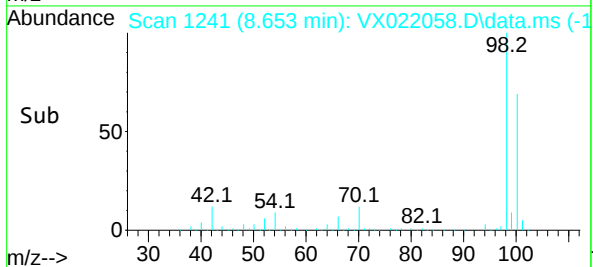
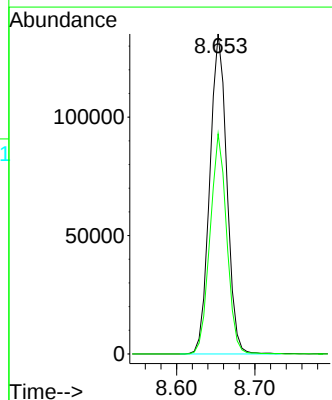
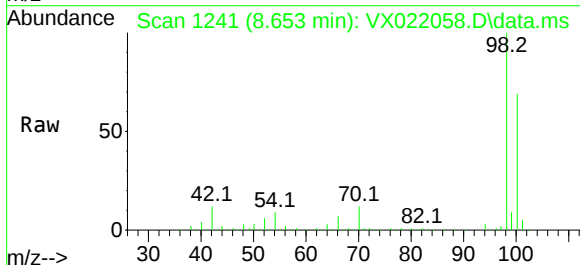


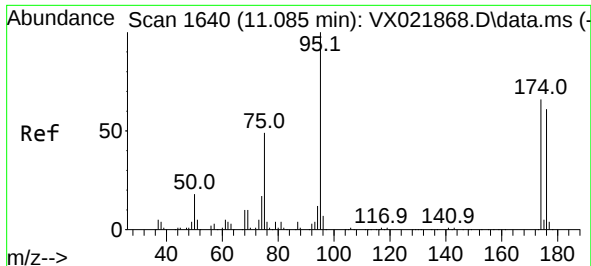
Tgt Ion: 117 Resp: 8283
Ion Ratio Lower Upper
117 100
119 5.7 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 47.83 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022058.D
Acq: 18 May 2021 13:57

Tgt Ion: 98 Resp: 204074
Ion Ratio Lower Upper
98 100
100 67.2 51.9 77.9

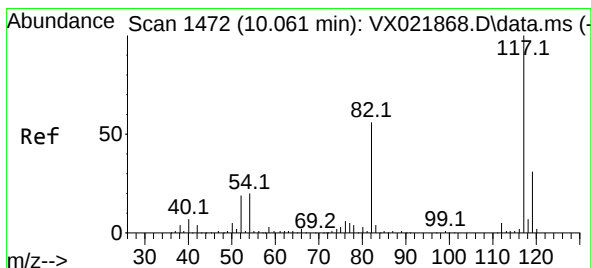
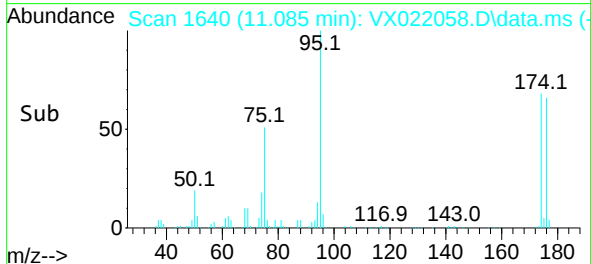
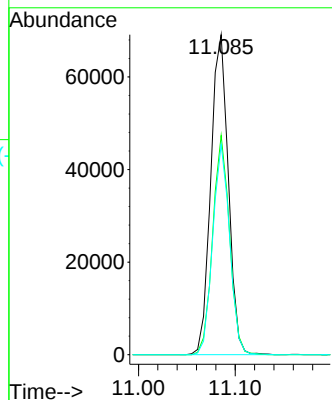
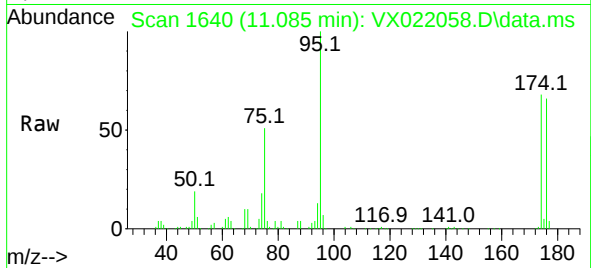




#62
4-Bromofluorobenzene
Concen: 51.71 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022058.D
Acq: 18 May 2021 13:57

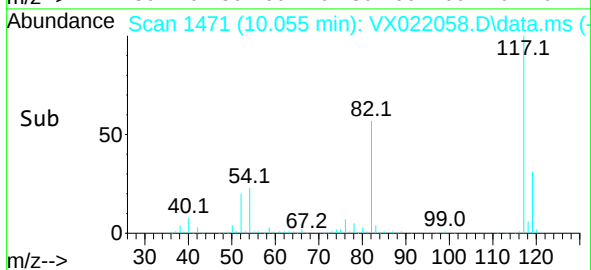
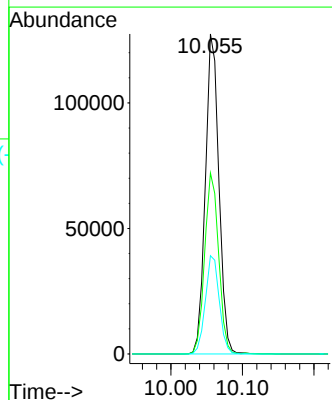
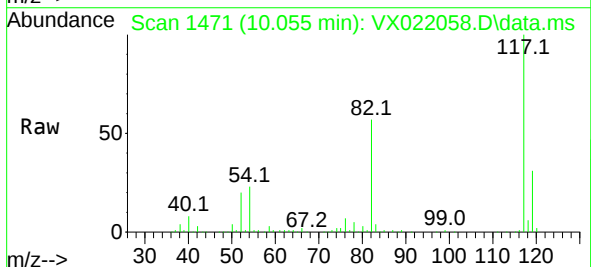
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-TB-20210510

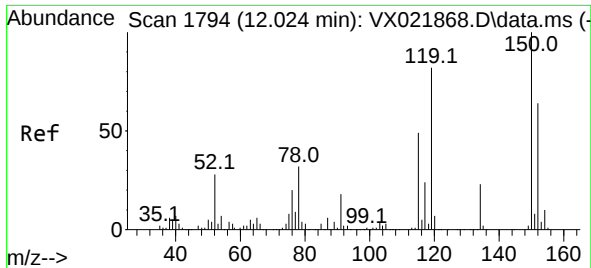
Tgt Ion: 95 Resp: 87077
Ion Ratio Lower Upper
95 100
174 65.6 0.0 154.6
176 63.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022058.D
Acq: 18 May 2021 13:57

Tgt Ion: 117 Resp: 167847
Ion Ratio Lower Upper
117 100
82 56.6 47.4 71.2
119 30.7 26.6 39.8

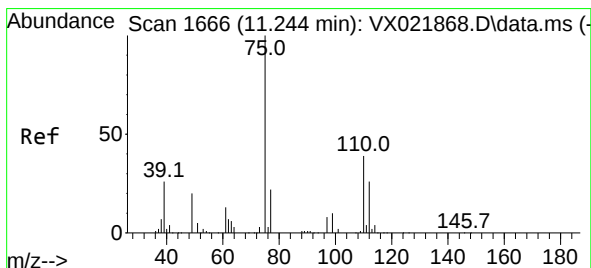
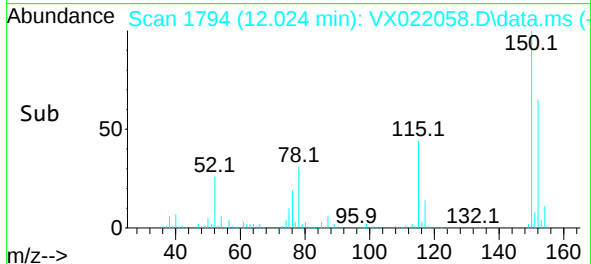
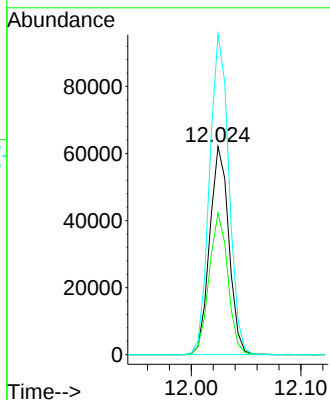
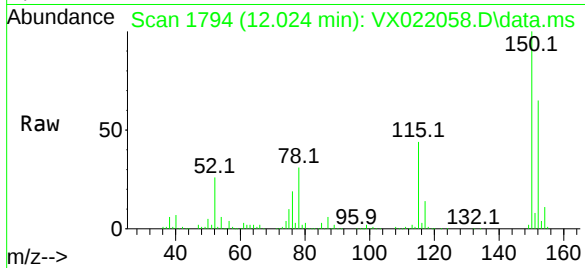




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022058.D
Acq: 18 May 2021 13:57

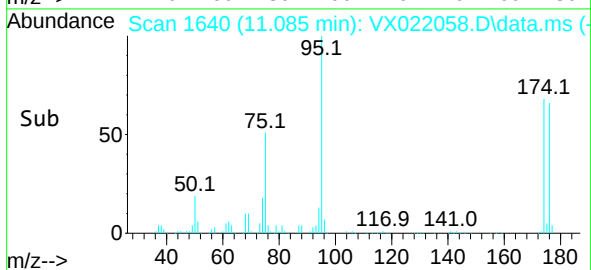
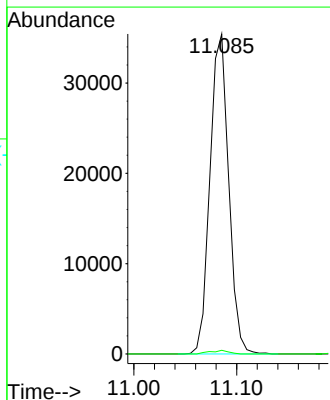
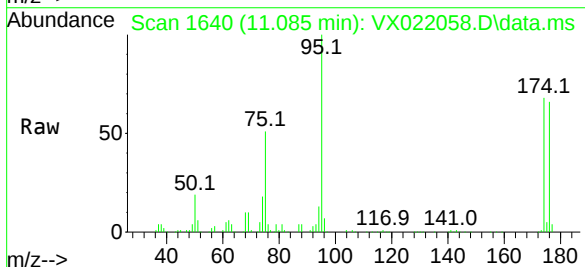
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-TB-20210510

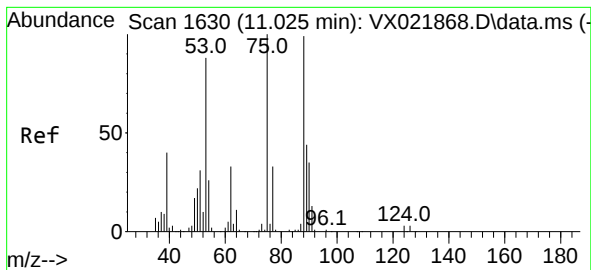
Tgt Ion:152 Resp: 75279
Ion Ratio Lower Upper
152 100
115 66.6 41.1 123.3
150 155.6 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 20.87 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022058.D
Acq: 18 May 2021 13:57

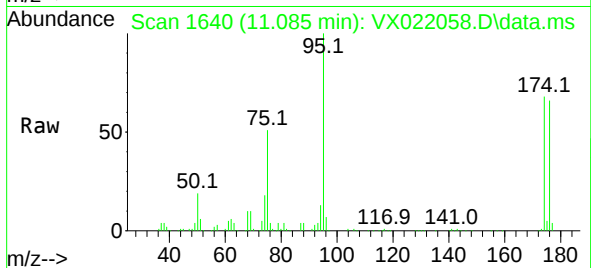
Tgt Ion: 75 Resp: 44666
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 48.41 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022058.D
 Acq: 18 May 2021 13:57

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW8-TB-20210510



Tgt Ion: 75 Resp: 44666
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

