

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051821\
 Data File : VX022043.D
 Acq On : 17 May 2021 19:45
 Operator : JC/MD
 Sample : M2411-10RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW8-EB-20210513RE

Quant Time: May 18 02:22:37 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)

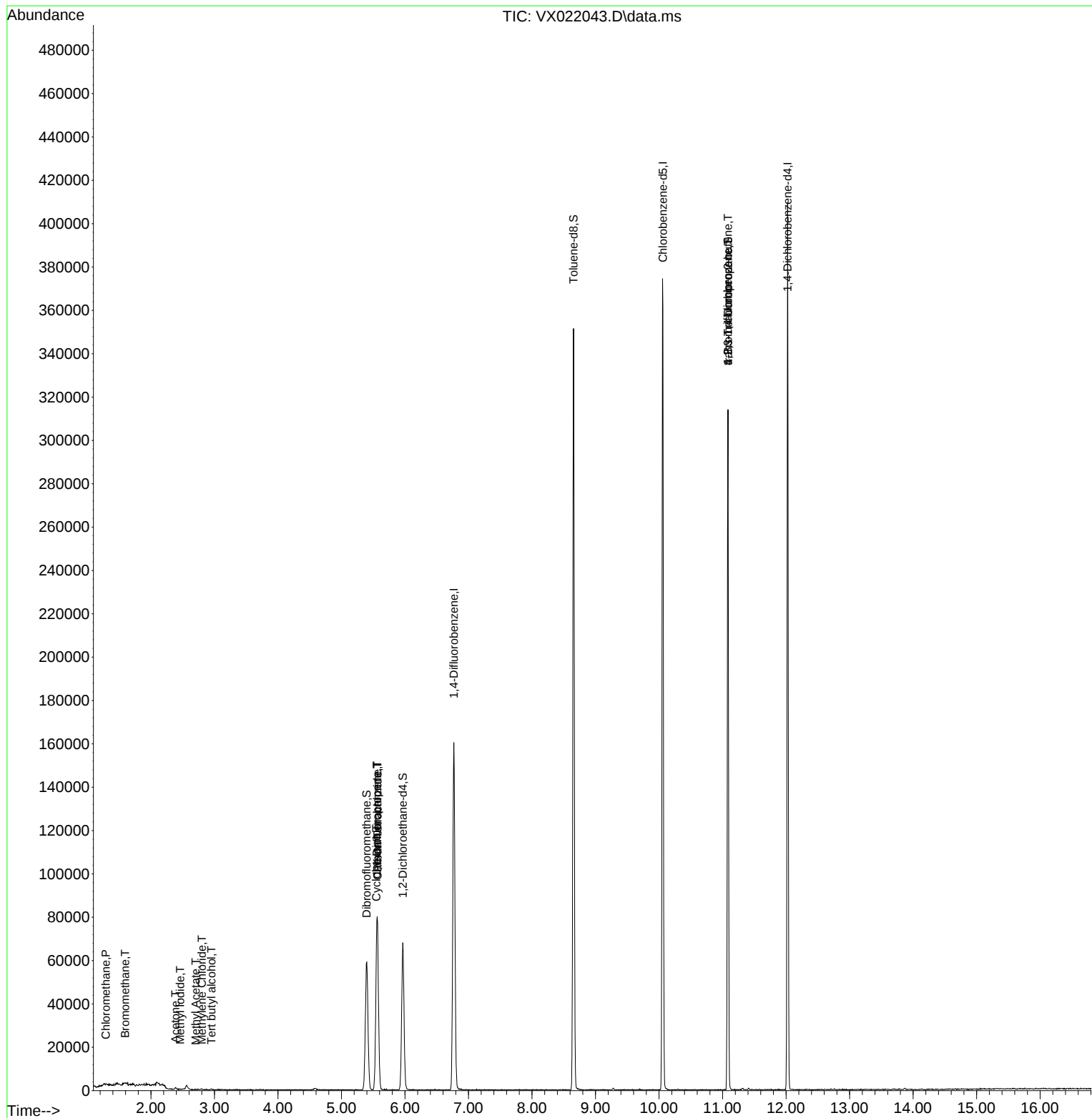
Internal Standards						
1) Pentafluorobenzene	5.562	168	70219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	161383	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	168834	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74898	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	59459	51.45	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.90%			
35) Dibromofluoromethane	5.397	113	51005	46.12	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.24%			
50) Toluene-d8	8.653	98	202144	47.90	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.80%			
62) 4-Bromofluorobenzene	11.085	95	87578	52.58	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.16%			
Target Compounds					Qvalue	
3) Chloromethane	1.288	50	255	0.23	ug/l #	86
5) Bromomethane	1.593	94	100	0.21	ug/l #	2
10) Methyl Iodide	2.459	142	257	0.24	ug/l #	52
11) Tert butyl alcohol	2.953	59	179	0.58	ug/l #	73
13) Acrolein	2.209	56	76	Below Cal	#	1
16) Acetone	2.386	43	966	1.86	ug/l	97
18) Methyl Acetate	2.703	43	342	0.24	ug/l #	47
20) Methylene Chloride	2.800	84	169	0.30	ug/l #	63
31) Cyclohexane	5.550	56	1956	1.28	ug/l #	10
36) 1,1-Dichloropropene	5.556	75	6233	3.64	ug/l #	49
38) Carbon Tetrachloride	5.568	117	8030	4.69	ug/l #	15
76) 1,2,3-Trichloropropane	11.085	75	44520	20.91	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	44520	48.50	ug/l #	12

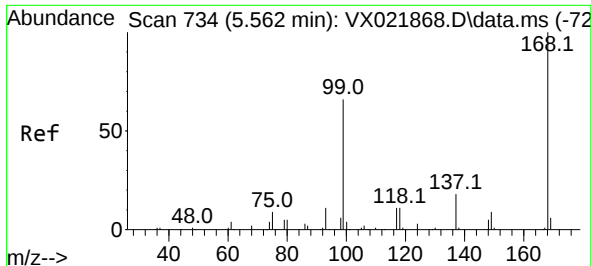
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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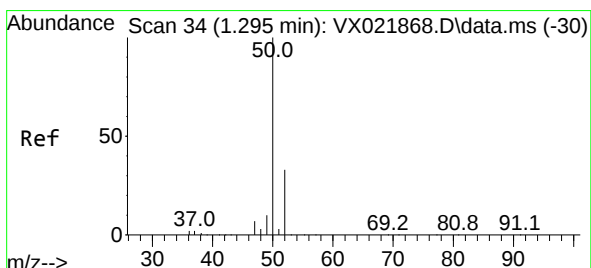
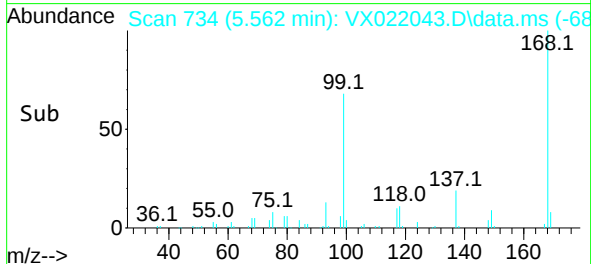
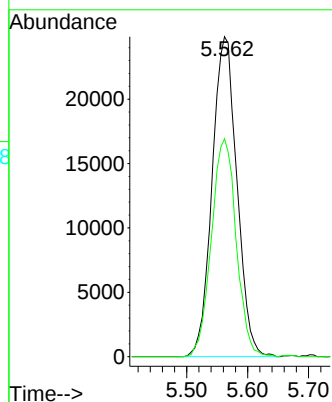
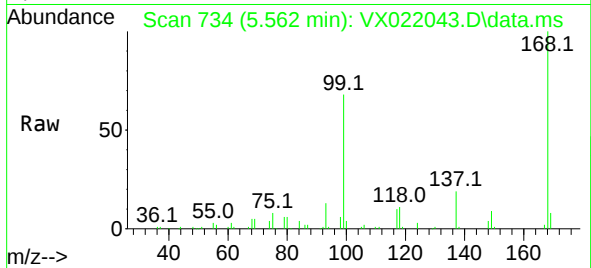




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022043.D
Acq: 17 May 2021 19:45

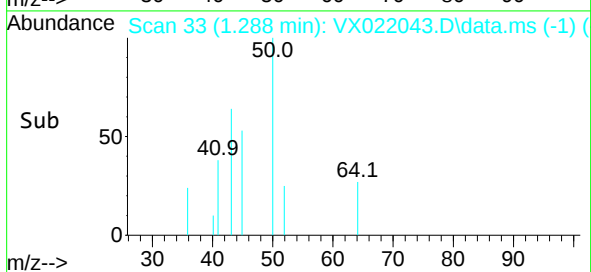
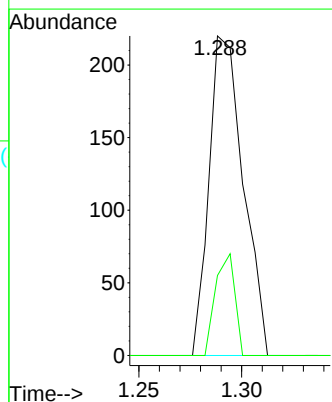
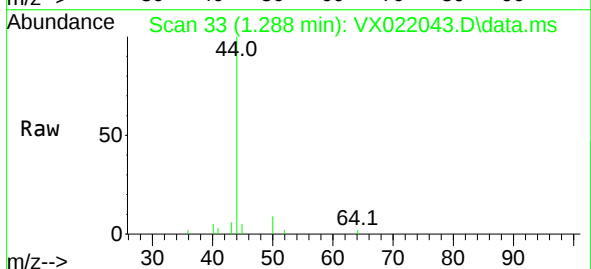
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-EB-20210513RE

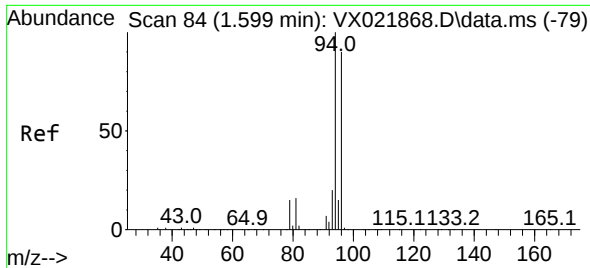
Tgt Ion:168 Resp: 70219
Ion Ratio Lower Upper
168 100
99 68.1 45.8 68.6



#3
Chloromethane
Concen: 0.23 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.007 min
Lab File: VX022043.D
Acq: 17 May 2021 19:45

Tgt Ion: 50 Resp: 255
Ion Ratio Lower Upper
50 100
52 25.0 26.4 39.6#

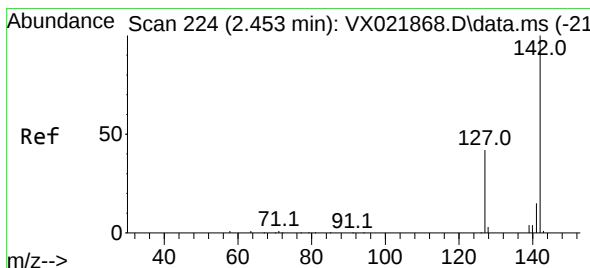
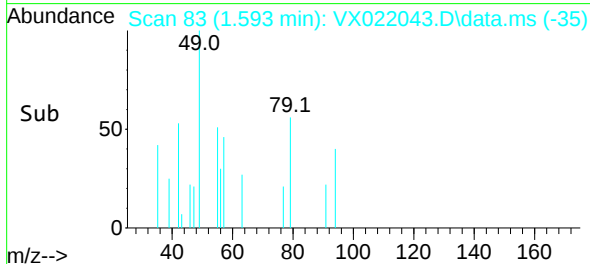
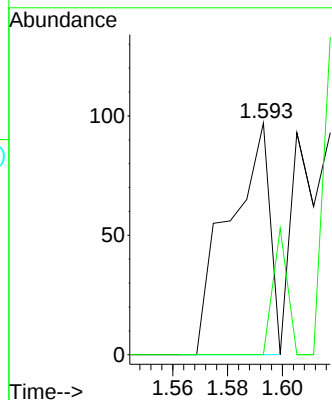
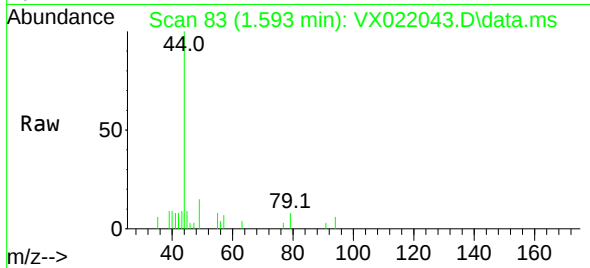




#5
Bromomethane
Concen: 0.21 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.006 min
Lab File: VX022043.D
Acq: 17 May 2021 19:45

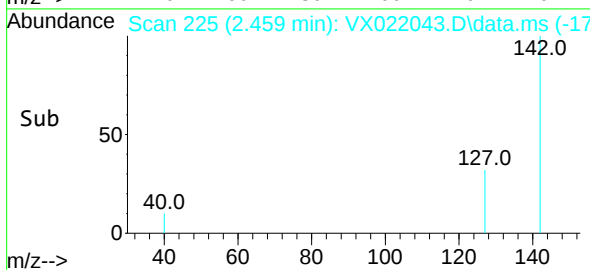
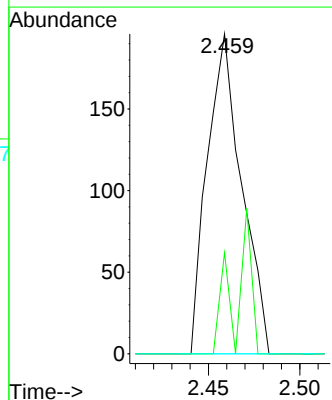
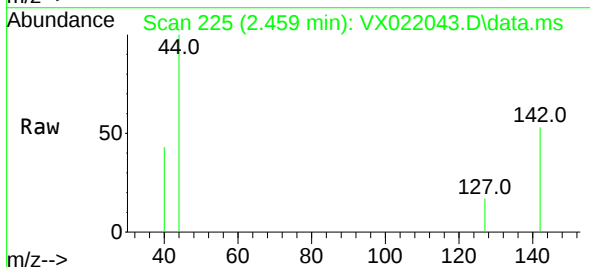
Instrument :
MSVOA_X
ClientSampleId :
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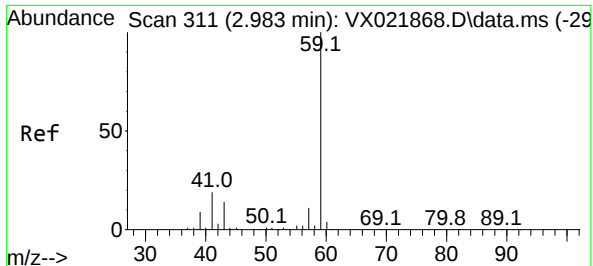
Tgt Ion: 94 Resp: 100
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



#10
Methyl Iodide
Concen: 0.24 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022043.D
Acq: 17 May 2021 19:45

Tgt Ion: 142 Resp: 257
Ion Ratio Lower Upper
142 100
127 8.9 33.3 49.9#
141 0.0 11.4 17.0#





#11

Tert butyl alcohol

Concen: 0.58 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.030 min

Lab File: VX022043.D

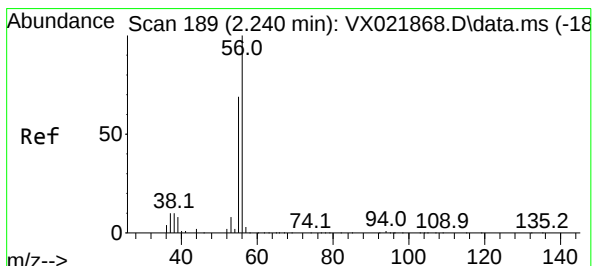
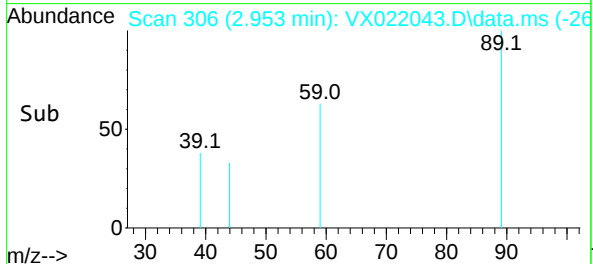
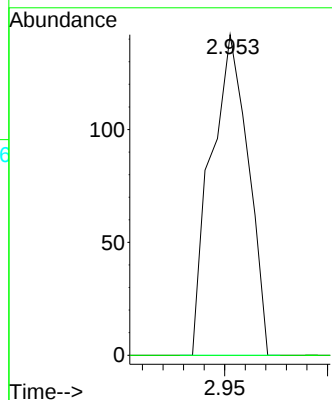
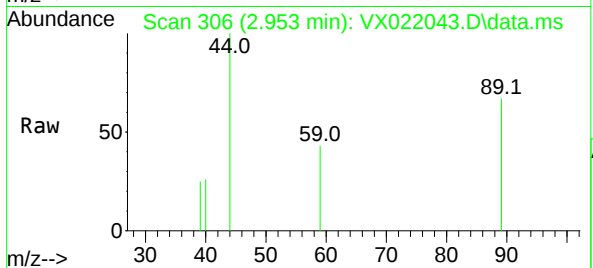
Acq: 17 May 2021 19:45

Tgt Ion: 59 Resp: 179

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#13

Acrolein

Concen: Below Cal

RT: 2.209 min Scan# 184

Delta R.T. -0.031 min

Lab File: VX022043.D

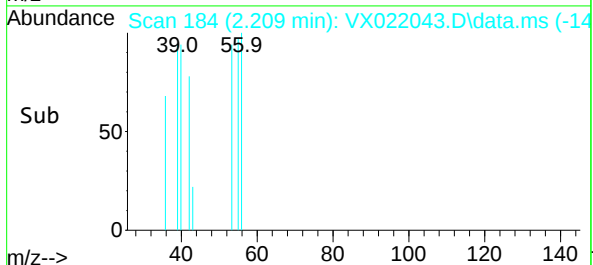
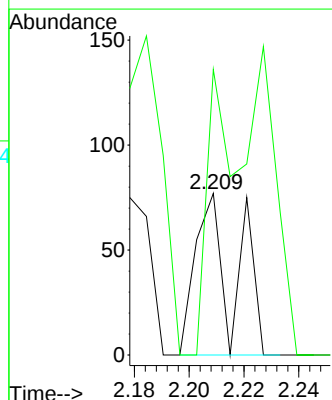
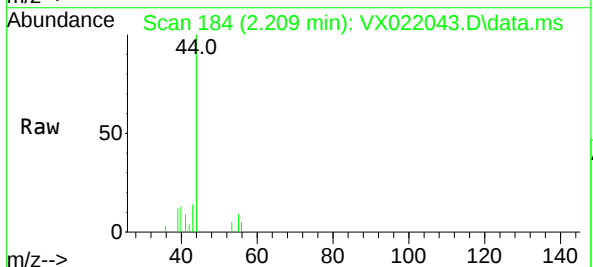
Acq: 17 May 2021 19:45

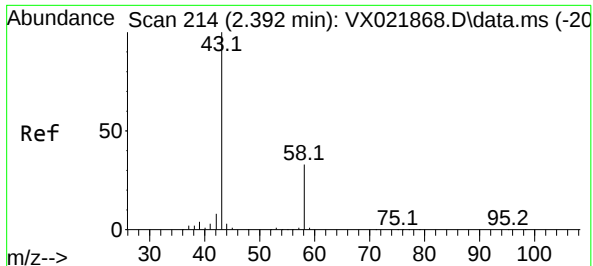
Tgt Ion: 56 Resp: 76

Ion Ratio Lower Upper

56 100

55 253.9 56.4 84.6#

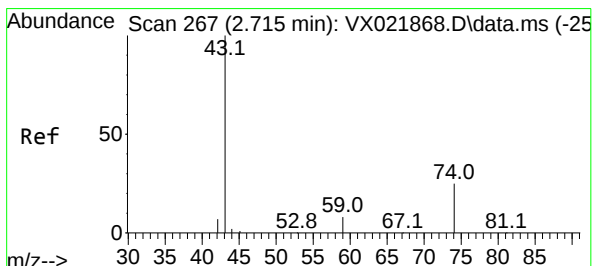
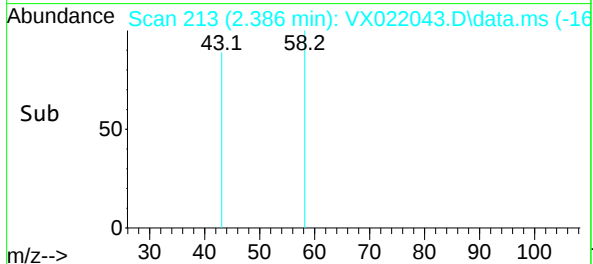
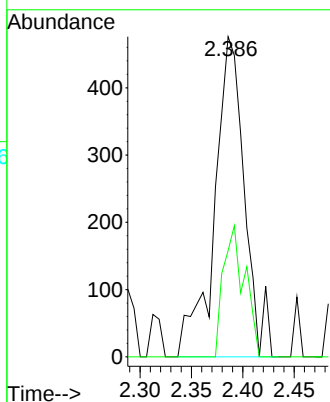
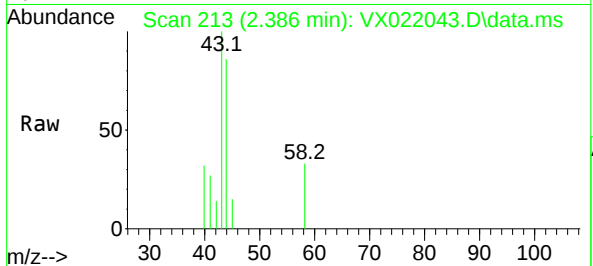




#16
Acetone
Concen: 1.86 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022043.D
Acq: 17 May 2021 19:45

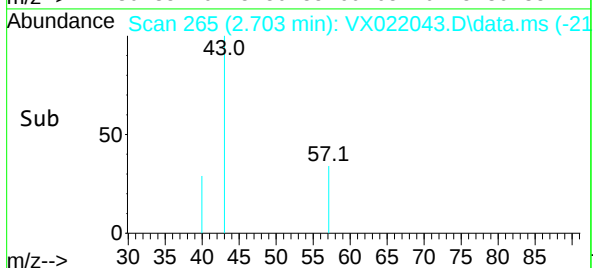
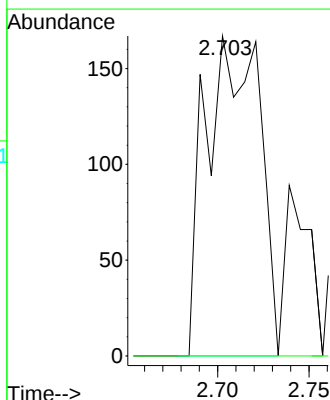
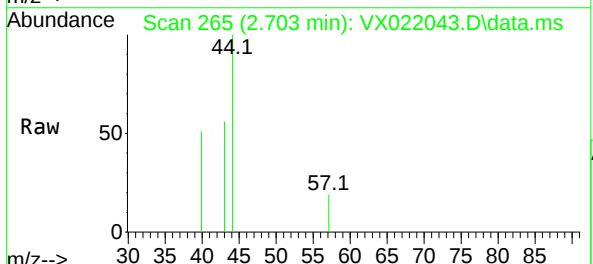
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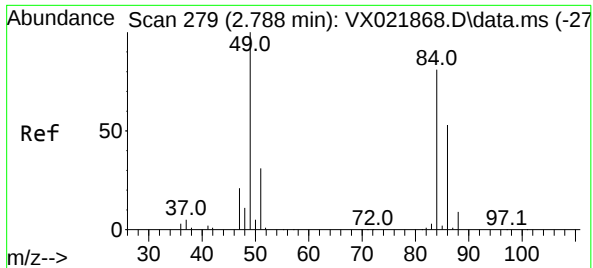
Tgt Ion: 43 Resp: 966
Ion Ratio Lower Upper
43 100
58 33.2 27.8 41.8



#18
Methyl Acetate
Concen: 0.24 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.012 min
Lab File: VX022043.D
Acq: 17 May 2021 19:45

Tgt Ion: 43 Resp: 342
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#

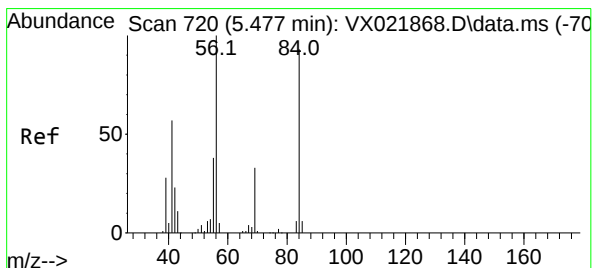
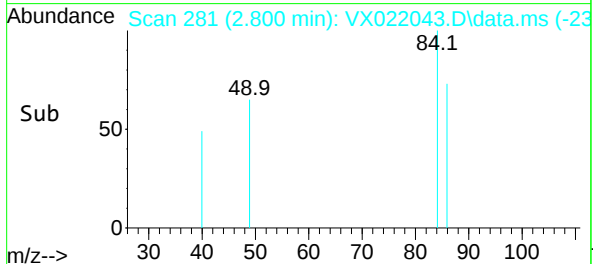
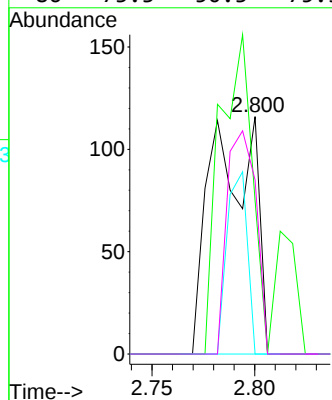
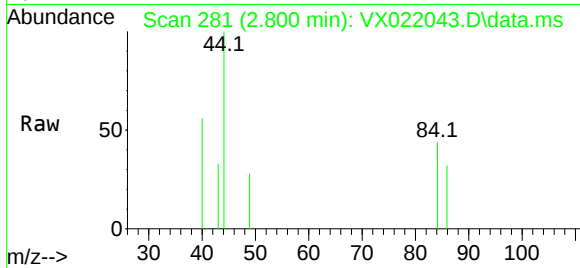




#20
Methylene Chloride
Concen: 0.30 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX022043.D
Acq: 17 May 2021 19:45

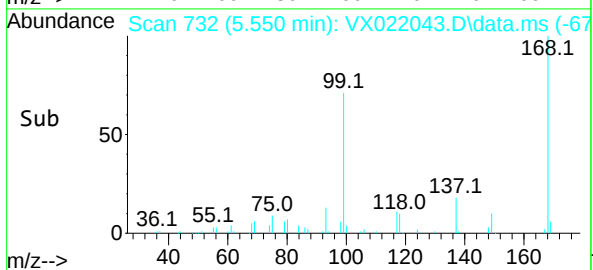
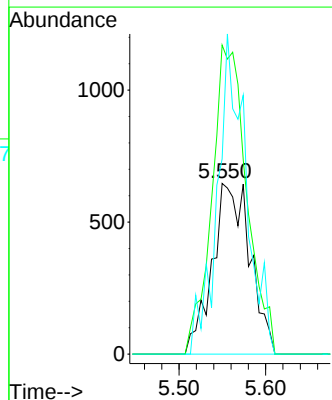
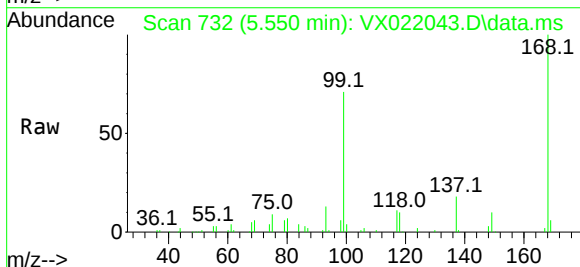
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BP-VPB-RW8-EB-20210513RE

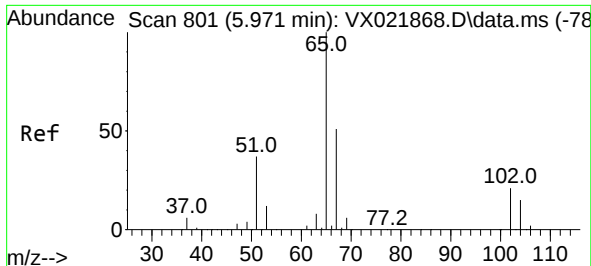
Tgt Ion:	84	Resp:	169
Ion	Ratio	Lower	Upper
84	100		
49	64.7	88.6	132.8#
51	0.0	27.0	40.6#
86	73.3	50.3	75.5



#31
Cyclohexane
Concen: 1.28 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX022043.D
Acq: 17 May 2021 19:45

Tgt Ion:	56	Resp:	1956
Ion	Ratio	Lower	Upper
56	100		
69	181.0	25.3	37.9#
84	114.2	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 51.45 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.007 min

Lab File: VX022043.D

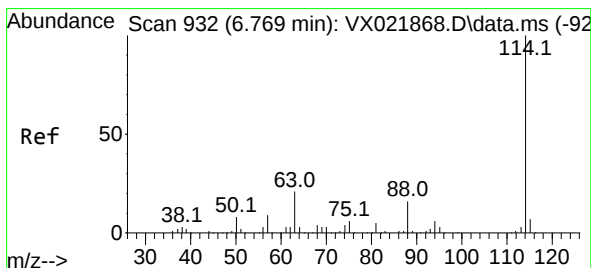
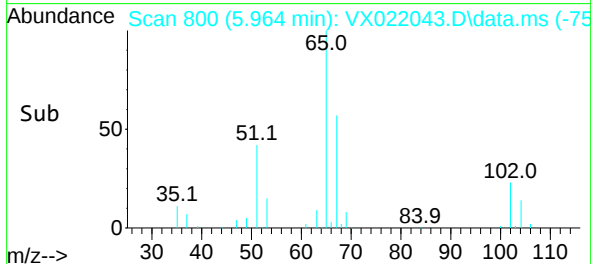
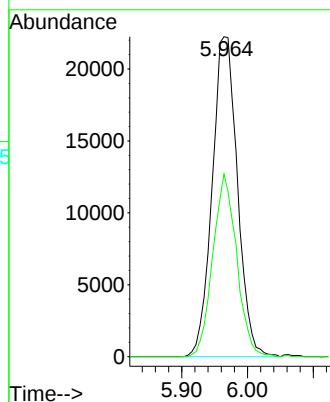
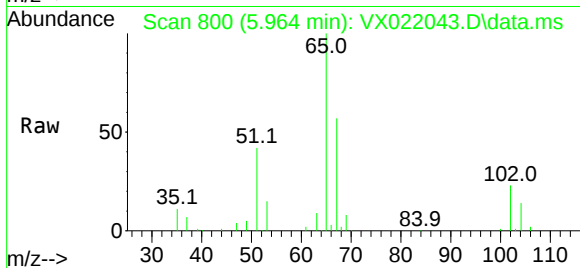
Acq: 17 May 2021 19:45

Tgt Ion: 65 Resp: 59459

Ion Ratio Lower Upper

65 100

67 53.8 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: VX022043.D

Acq: 17 May 2021 19:45

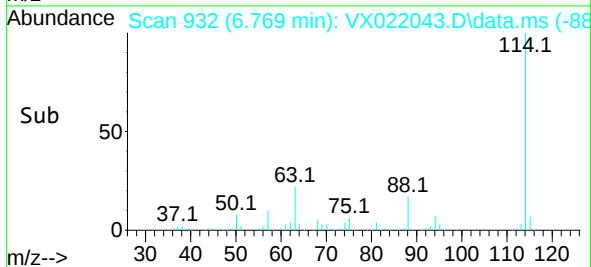
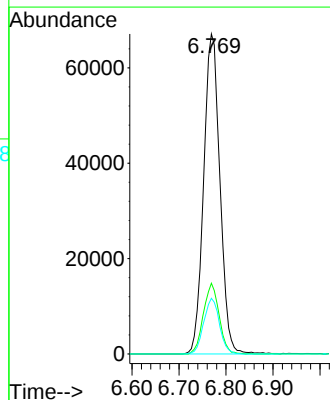
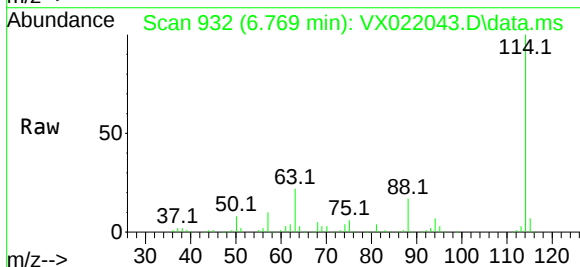
Tgt Ion: 114 Resp: 161383

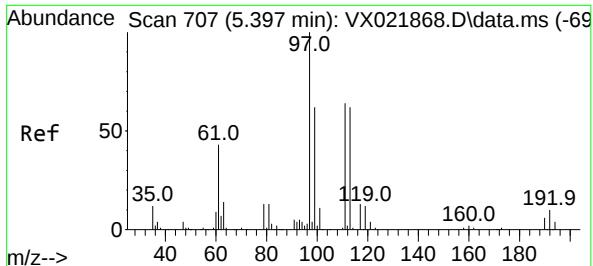
Ion Ratio Lower Upper

114 100

63 22.1 0.0 40.8

88 17.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.12 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX022043.D

Acq: 17 May 2021 19:45

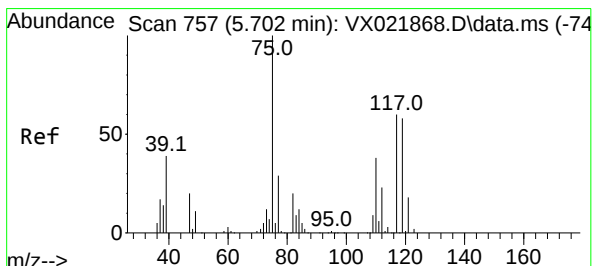
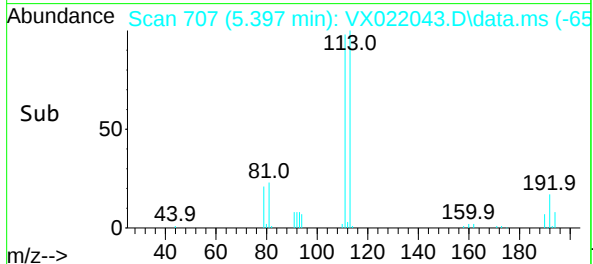
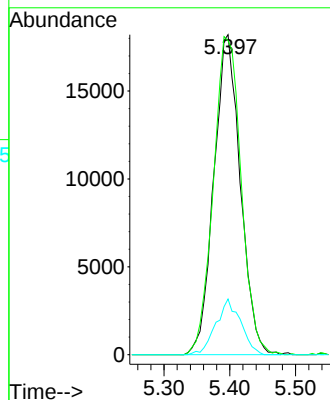
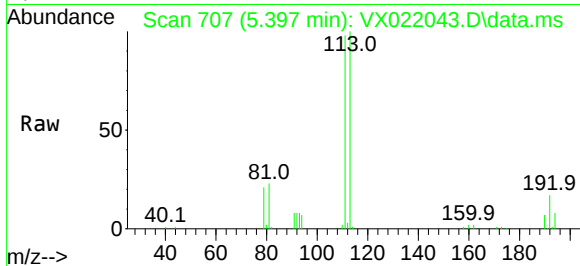
Tgt Ion:	113	Resp:	51005
Ion	Ratio	Lower	Upper
113	100		
111	104.4	81.9	122.9
192	16.3	16.7	25.1#

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW8-EB-20210513RE



#36

1,1-Dichloropropene

Concen: 3.64 ug/l

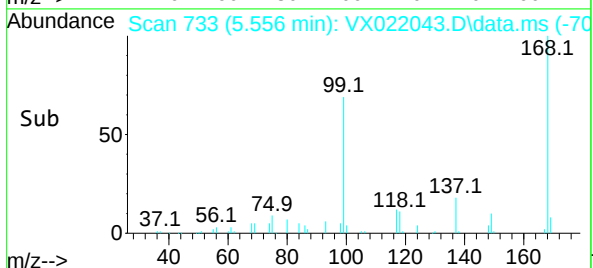
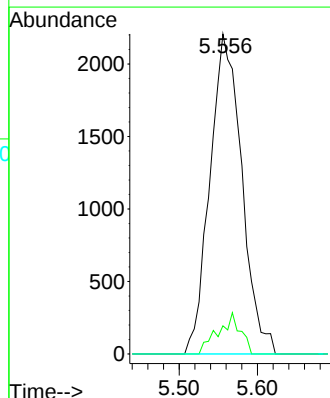
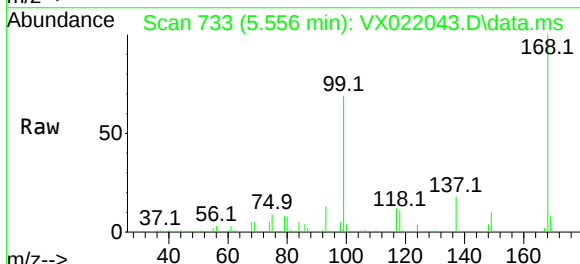
RT: 5.556 min Scan# 733

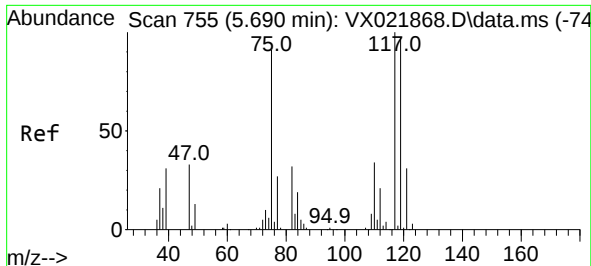
Delta R.T. -0.146 min

Lab File: VX022043.D

Acq: 17 May 2021 19:45

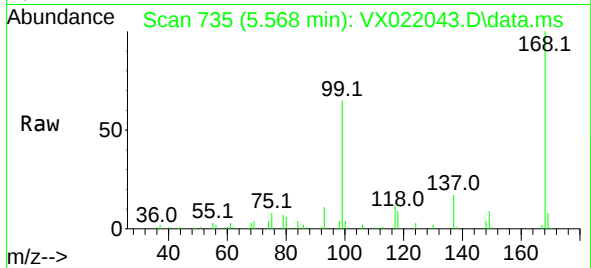
Tgt Ion:	75	Resp:	6233
Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.1	54.4#
77	0.0	25.3	37.9#



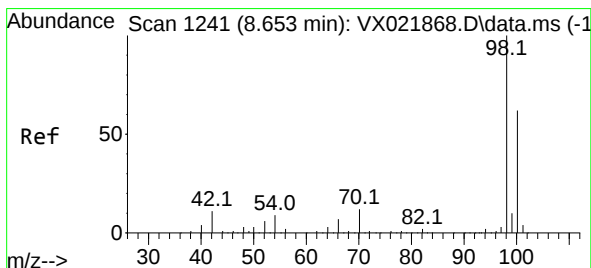
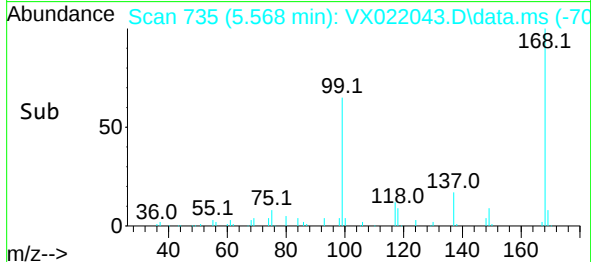
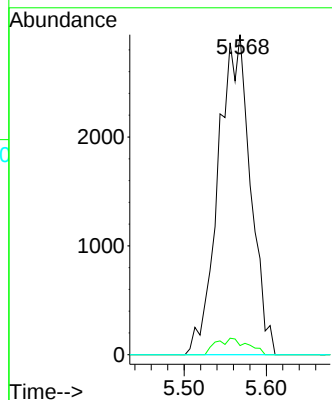


#38
Carbon Tetrachloride
Concen: 4.69 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX022043.D
Acq: 17 May 2021 19:45

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-EB-20210513RE

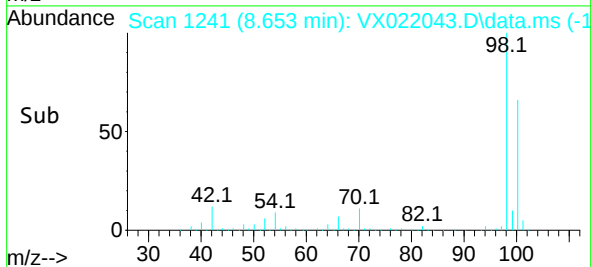
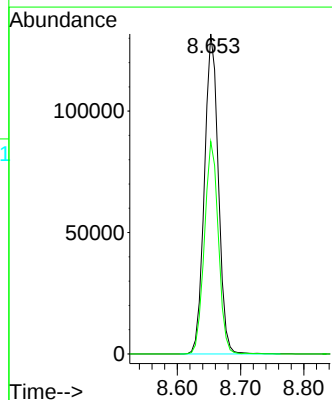
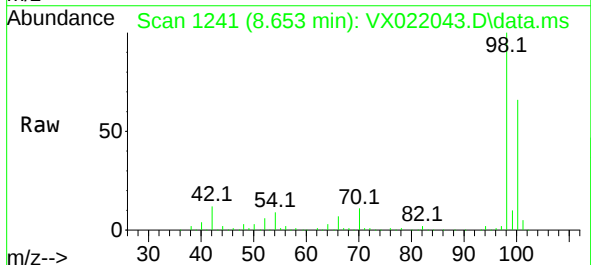


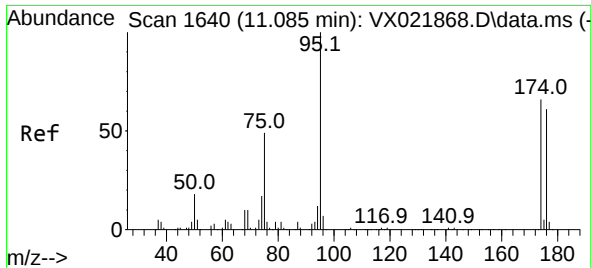
Tgt Ion:117 Resp: 8030
Ion Ratio Lower Upper
117 100
119 2.9 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 47.90 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022043.D
Acq: 17 May 2021 19:45

Tgt Ion: 98 Resp: 202144
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9

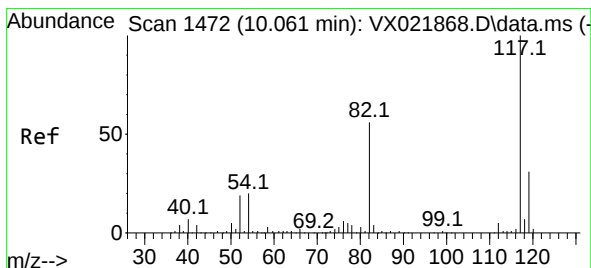
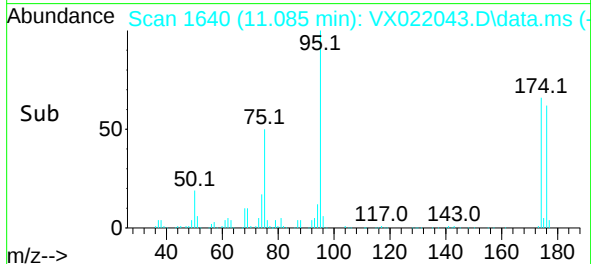
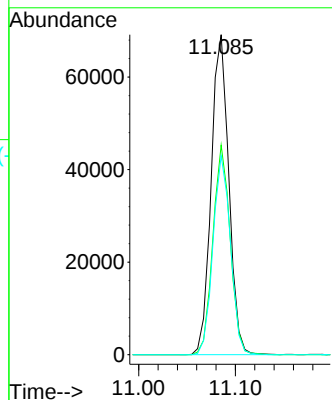
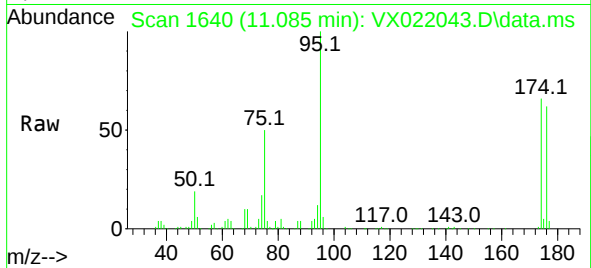




#62
4-Bromofluorobenzene
Concen: 52.58 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022043.D
Acq: 17 May 2021 19:45

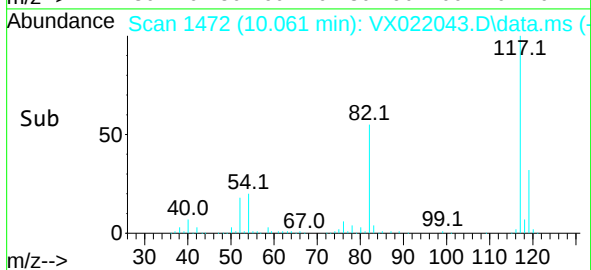
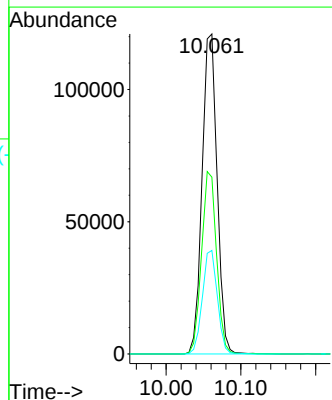
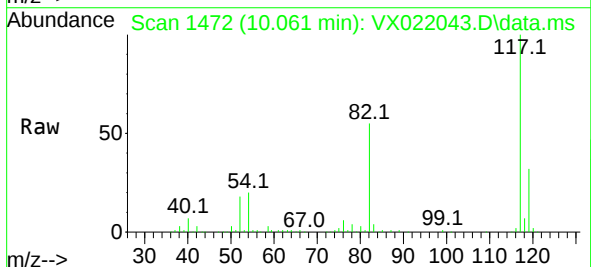
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-EB-20210513RE

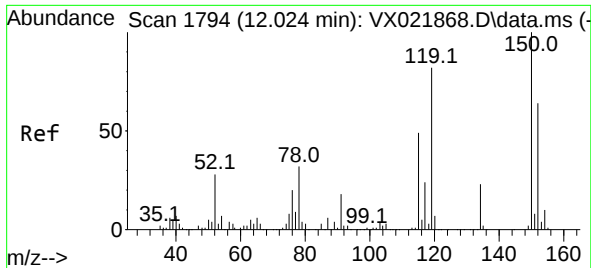
Tgt Ion: 95 Resp: 87578
Ion Ratio Lower Upper
95 100
174 64.3 0.0 154.6
176 61.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022043.D
Acq: 17 May 2021 19:45

Tgt Ion: 117 Resp: 168834
Ion Ratio Lower Upper
117 100
82 55.3 47.4 71.2
119 32.4 26.6 39.8

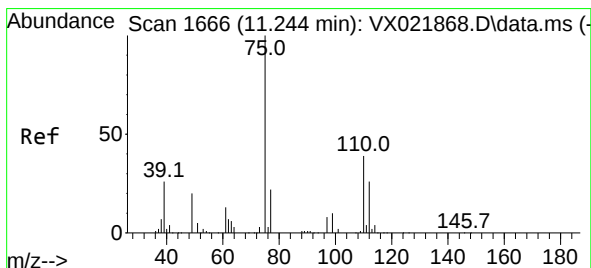
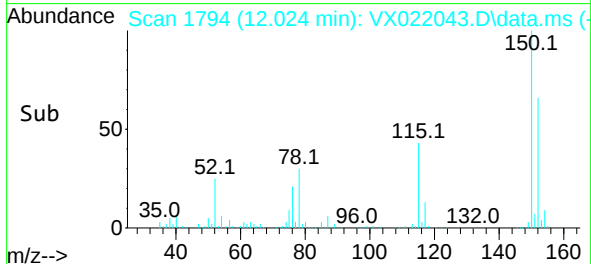
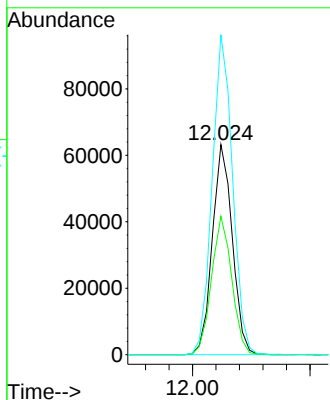
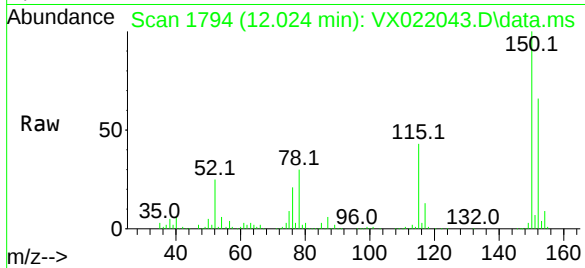




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022043.D
 Acq: 17 May 2021 19:45

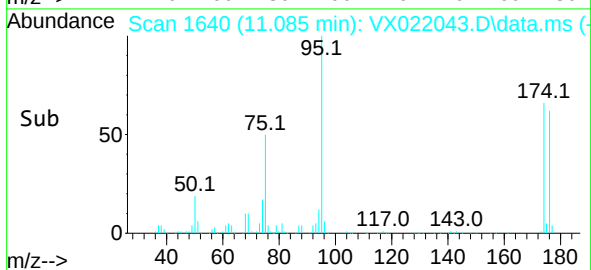
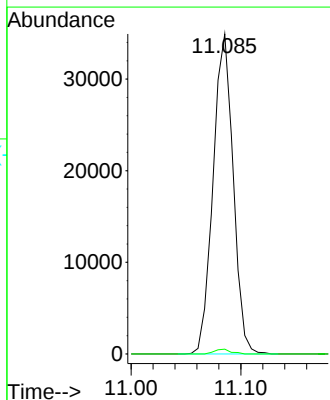
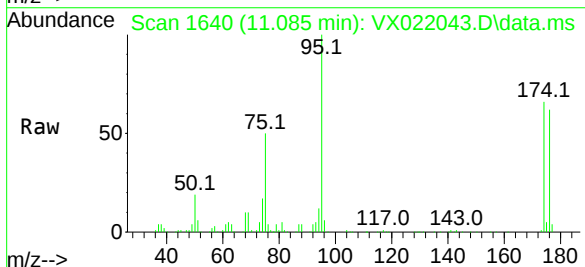
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW8-EB-20210513RE

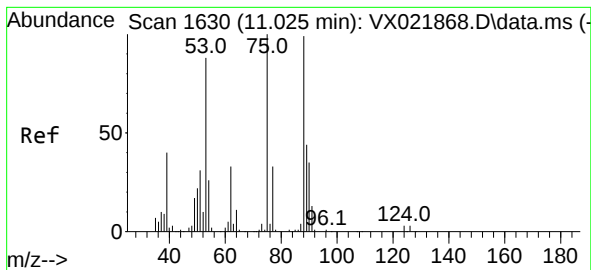
Tgt Ion:152 Resp: 74898
 Ion Ratio Lower Upper
 152 100
 115 66.6 41.1 123.3
 150 155.0 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 20.91 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022043.D
 Acq: 17 May 2021 19:45

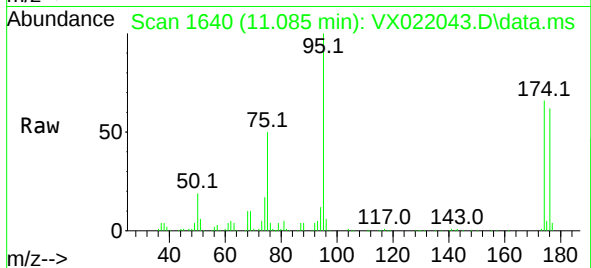
Tgt Ion: 75 Resp: 44520
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 48.50 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022043.D
 Acq: 17 May 2021 19:45

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW8-EB-20210513RE



Tgt Ion: 75 Resp: 44520
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

