

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051821\
 Data File : VX022044.D
 Acq On : 17 May 2021 20:08
 Operator : JC/MD
 Sample : M2411-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW8-GW-DUP-20210510

Quant Time: May 18 02:22:53 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)

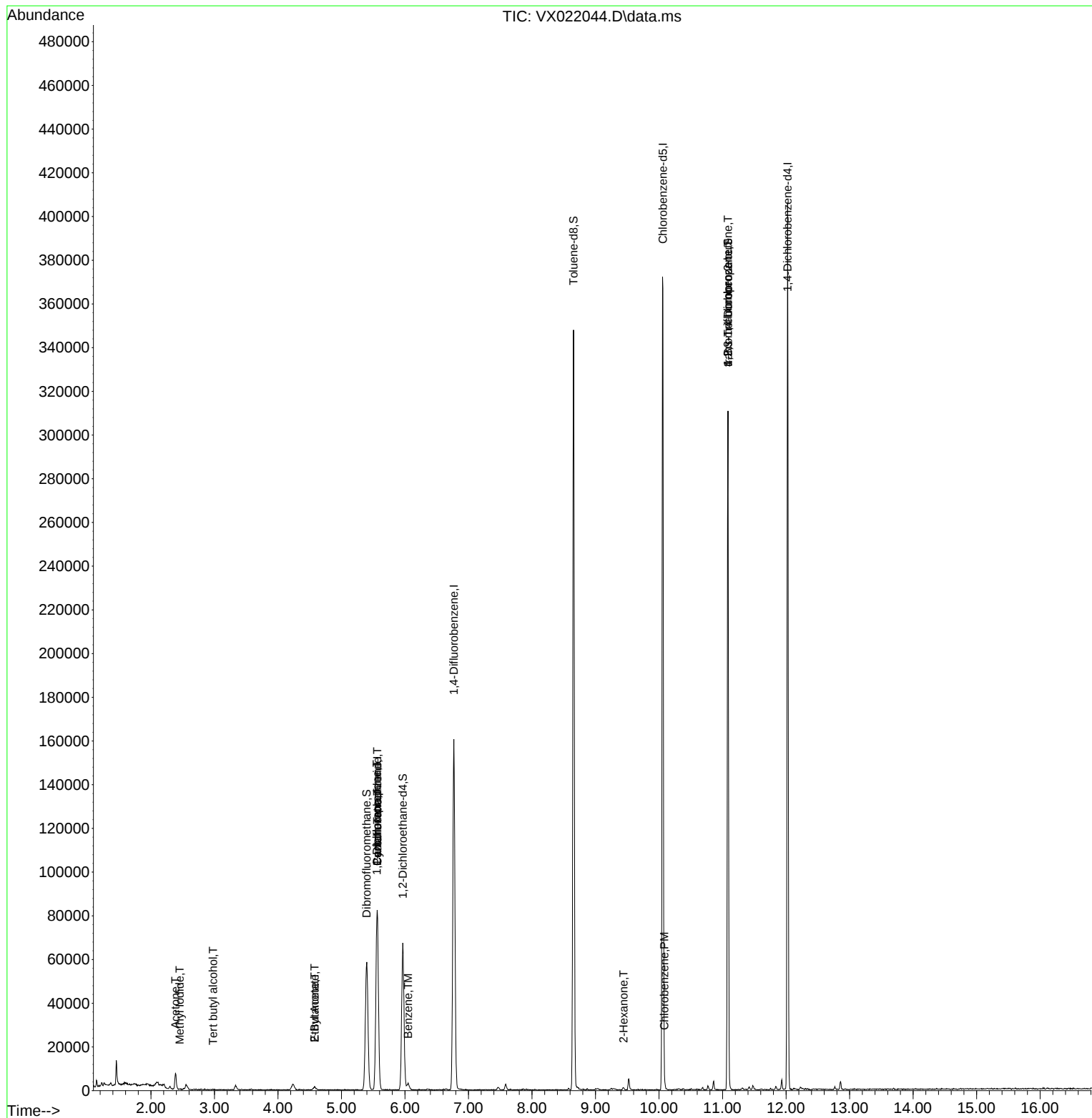
Internal Standards						
1) Pentafluorobenzene	5.562	168	72845	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	158661	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	165953	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74260	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	60082	50.12	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.24%			
35) Dibromofluoromethane	5.397	113	51118	47.01	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.02%			
50) Toluene-d8	8.653	98	203716	49.10	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.20%			
62) 4-Bromofluorobenzene	11.085	95	87092	53.18	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.36%			
Target Compounds						Qvalue
10) Methyl Iodide	2.453	142	307	0.28	ug/l #	50
11) Tert butyl alcohol	2.977	59	204	0.64	ug/l #	89
13) Acrolein	2.233	56	40	Below Cal	#	1
16) Acetone	2.386	43	7699	14.32	ug/l	99
25) 2-Butanone	4.574	43	2034	2.20	ug/l #	77
31) Cyclohexane	5.562	56	1937	1.22	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	6653	3.96	ug/l #	48
37) Ethyl Acetate	4.574	43	2034	1.00	ug/l #	64
38) Carbon Tetrachloride	5.562	117	8034	4.78	ug/l #	16
40) Benzene	6.050	78	3353	0.66	ug/l #	90
59) 2-Hexanone	9.439	43	767	0.47	ug/l	79
65) Chlorobenzene	10.086	112	1067	0.28	ug/l	92
76) 1,2,3-Trichloropropane	11.085	75	44006	20.84	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	44006	48.35	ug/l #	12

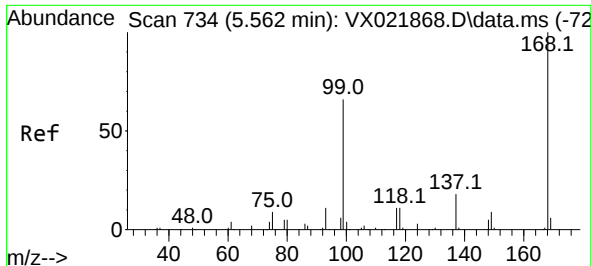
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

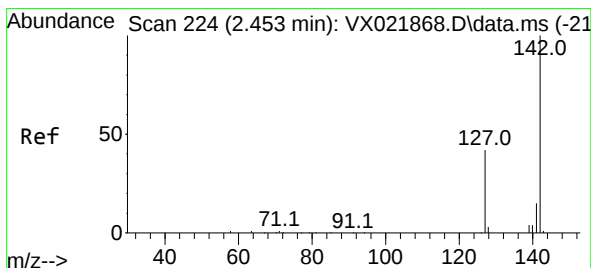
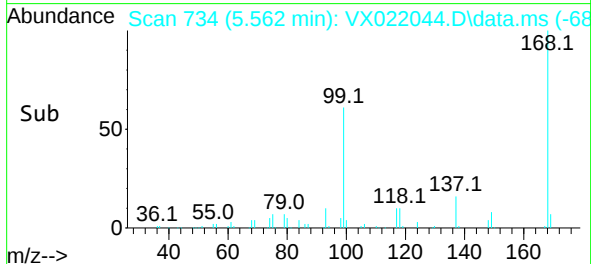
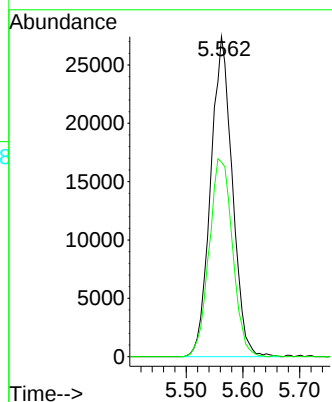
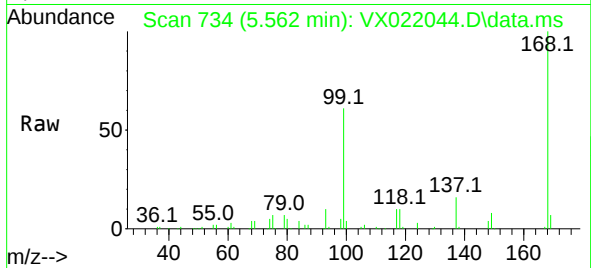




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022044.D
Acq: 17 May 2021 20:08

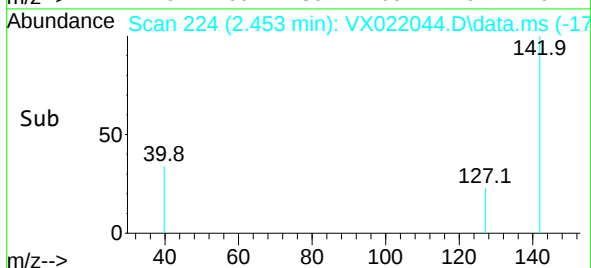
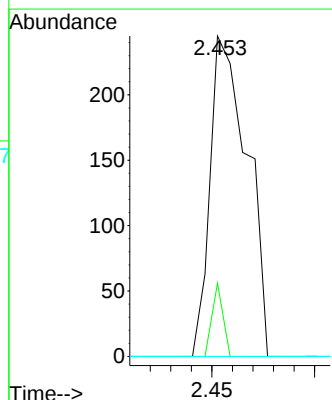
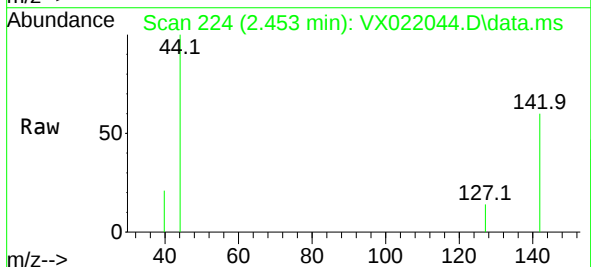
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-DUP-20210510

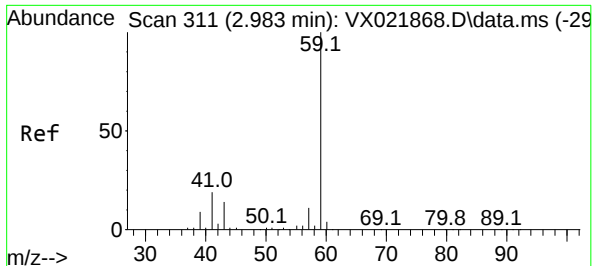
Tgt Ion:168 Resp: 72845
Ion Ratio Lower Upper
168 100
99 60.8 45.8 68.6



#10
Methyl Iodide
Concen: 0.28 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX022044.D
Acq: 17 May 2021 20:08

Tgt Ion:142 Resp: 307
Ion Ratio Lower Upper
142 100
127 6.5 33.3 49.9#
141 0.0 11.4 17.0#



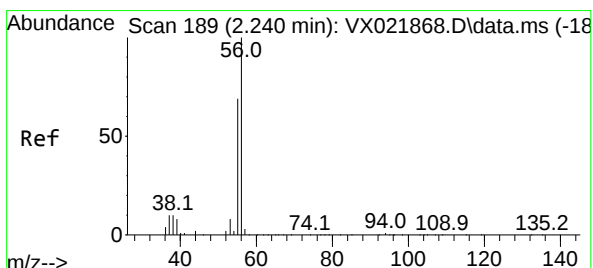
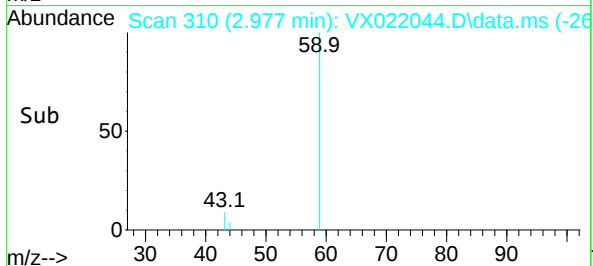
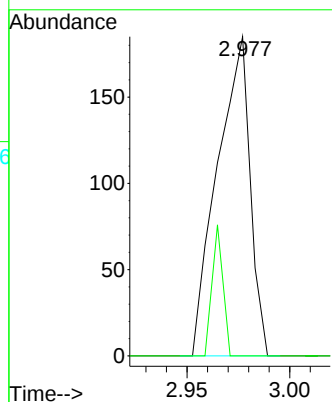
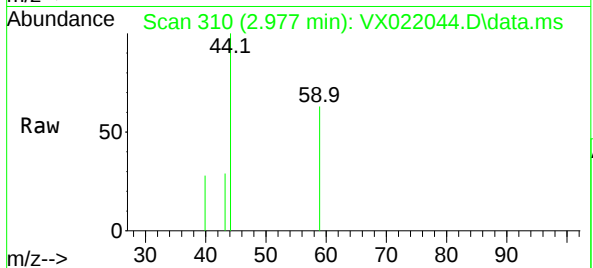


#11

Tert butyl alcohol
Concen: 0.64 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX022044.D
Acq: 17 May 2021 20:08

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-DUP-20210510

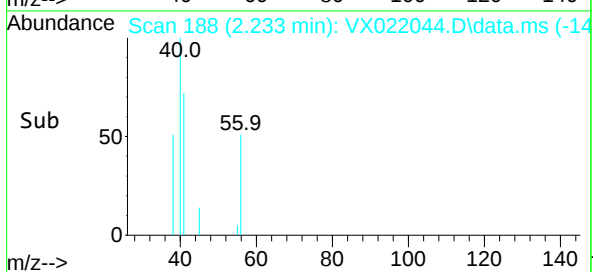
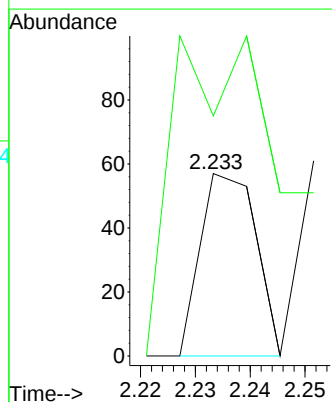
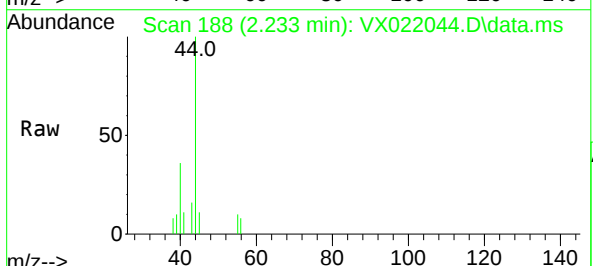
Tgt Ion: 59 Resp: 204
Ion Ratio Lower Upper
59 100
57 13.7 7.8 11.8#

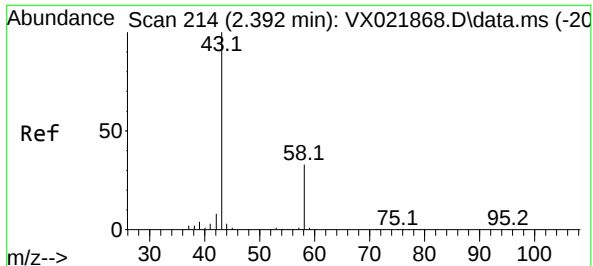


#13

Acrolein
Concen: Below Cal
RT: 2.233 min Scan# 188
Delta R.T. -0.007 min
Lab File: VX022044.D
Acq: 17 May 2021 20:08

Tgt Ion: 56 Resp: 40
Ion Ratio Lower Upper
56 100
55 345.0 56.4 84.6#

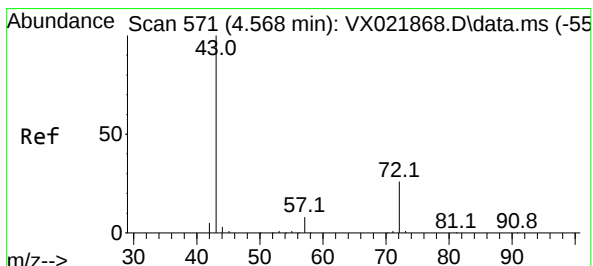
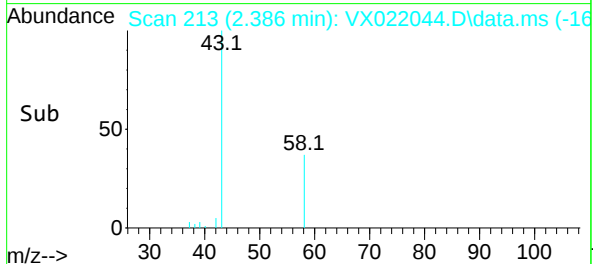
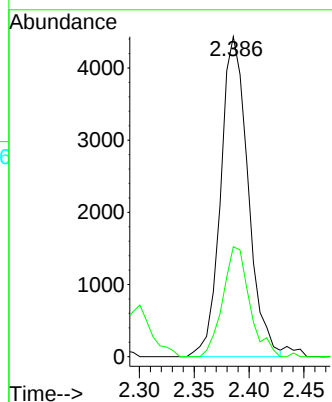
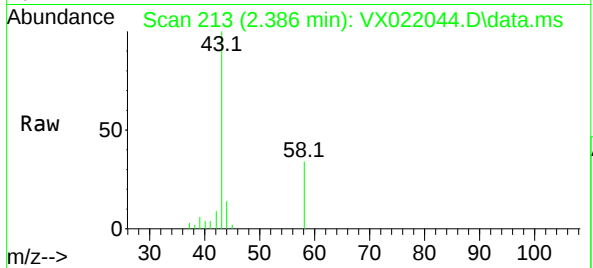




#16
Acetone
Concen: 14.32 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022044.D
Acq: 17 May 2021 20:08

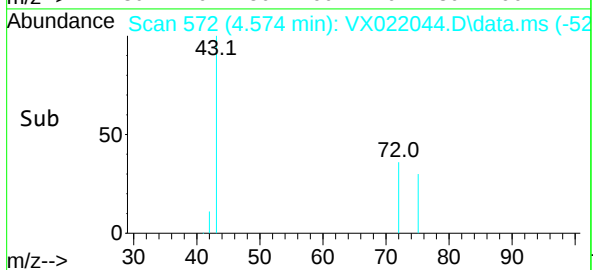
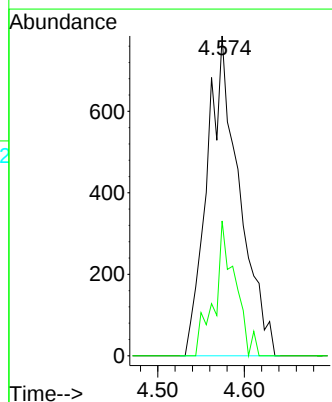
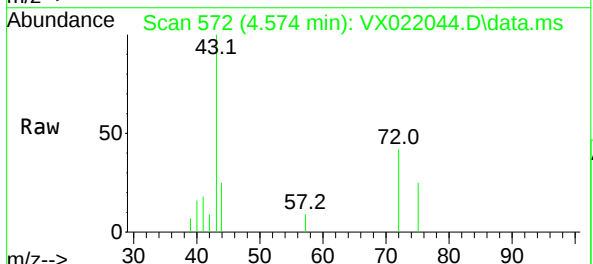
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-DUP-20210510

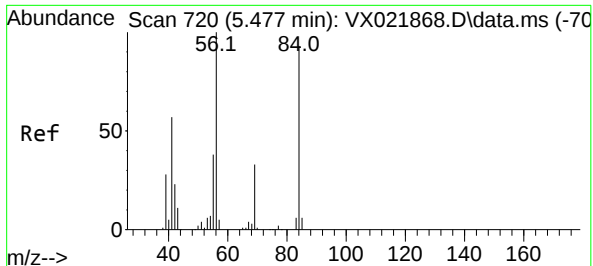
Tgt Ion: 43 Resp: 7699
Ion Ratio Lower Upper
43 100
58 34.3 27.8 41.8



#25
2-Butanone
Concen: 2.20 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX022044.D
Acq: 17 May 2021 20:08

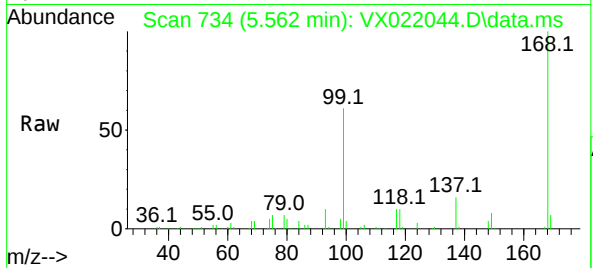
Tgt Ion: 43 Resp: 2034
Ion Ratio Lower Upper
43 100
72 42.2 23.7 35.5#



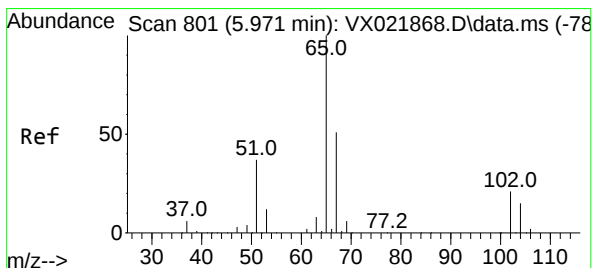
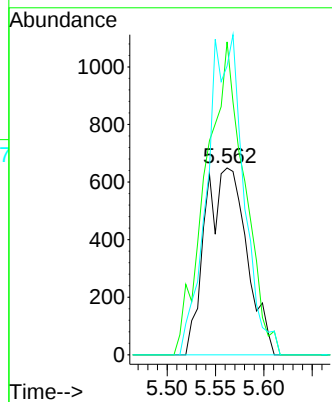
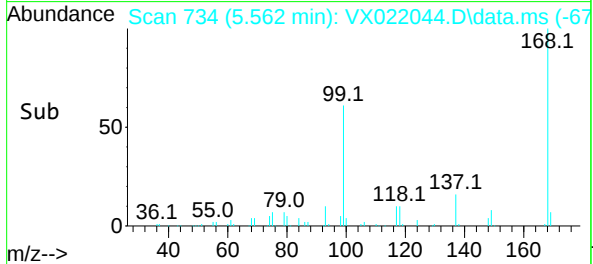


#31
Cyclohexane
Concen: 1.22 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX022044.D
Acq: 17 May 2021 20:08

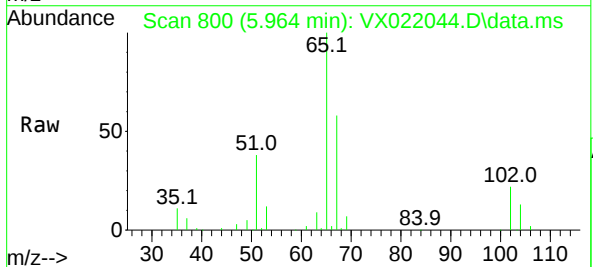
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-DUP-20210510



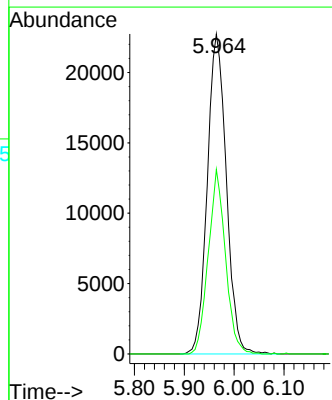
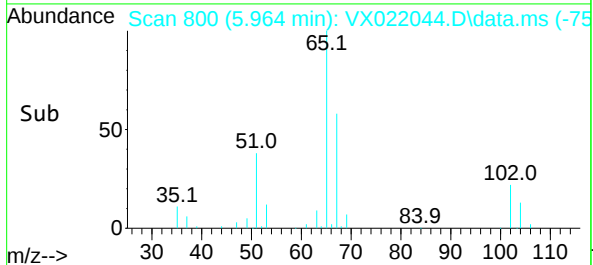
Tgt Ion: 56 Resp: 1937
Ion Ratio Lower Upper
56 100
69 167.5 25.3 37.9#
84 154.5 71.4 107.0#

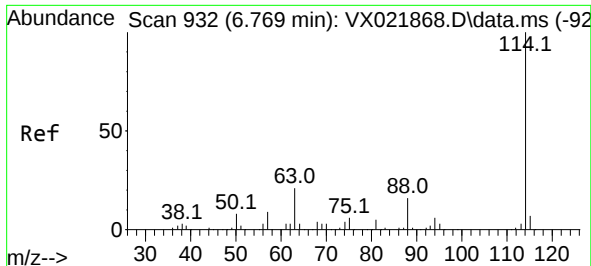


#33
1,2-Dichloroethane-d4
Concen: 50.12 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX022044.D
Acq: 17 May 2021 20:08



Tgt Ion: 65 Resp: 60082
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.4

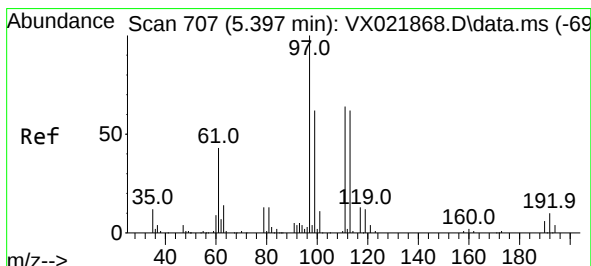
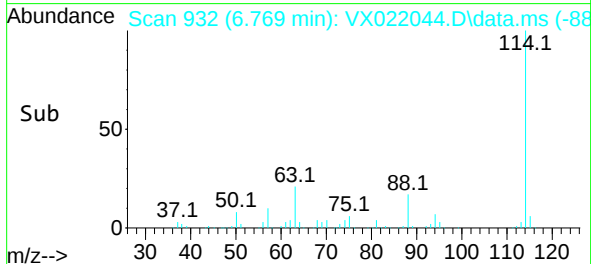
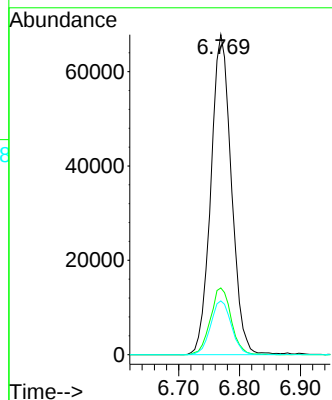
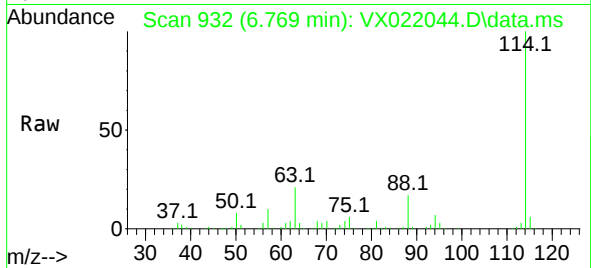




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022044.D
Acq: 17 May 2021 20:08

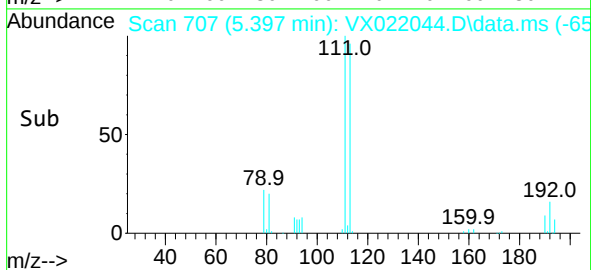
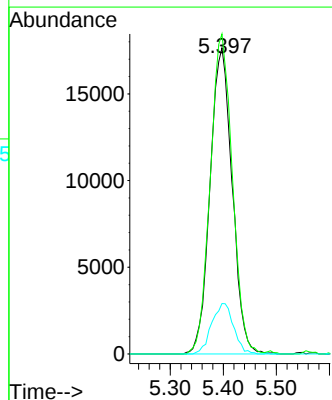
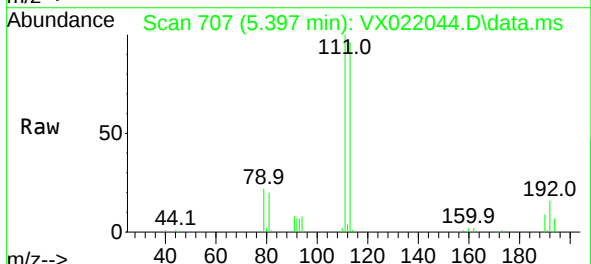
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-DUP-20210510

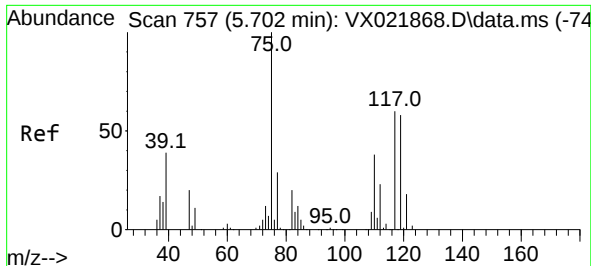
Tgt Ion:114 Resp: 158661
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 16.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.01 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX022044.D
Acq: 17 May 2021 20:08

Tgt Ion:113 Resp: 51118
Ion Ratio Lower Upper
113 100
111 104.3 81.9 122.9
192 16.4 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 3.96 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX022044.D

Acq: 17 May 2021 20:08

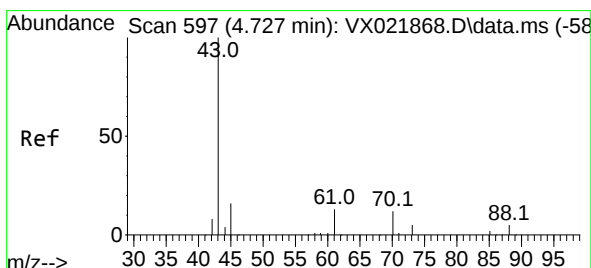
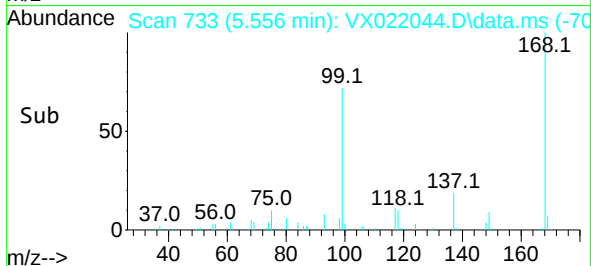
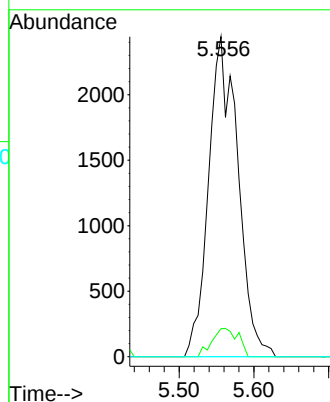
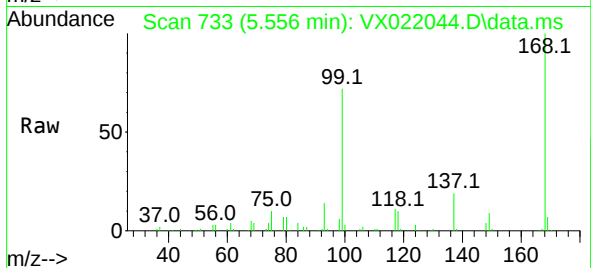
Tgt Ion:	75	Resp:	6653
Ion	Ratio	Lower	Upper
75	100		
110	7.9	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW8-GW-DUP-20210510



#37

Ethyl Acetate

Concen: 1.00 ug/l

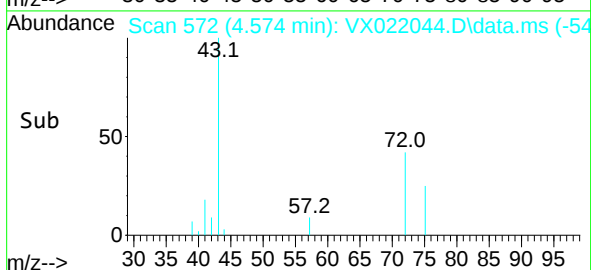
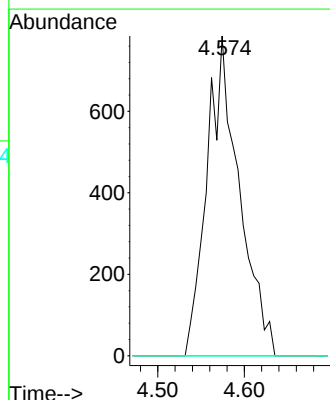
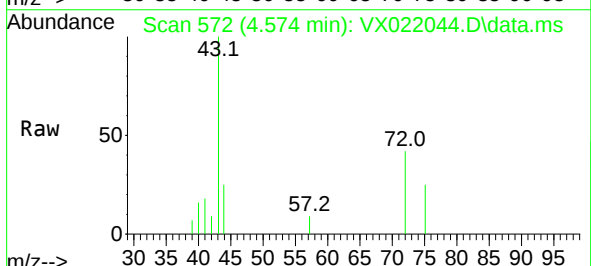
RT: 4.574 min Scan# 572

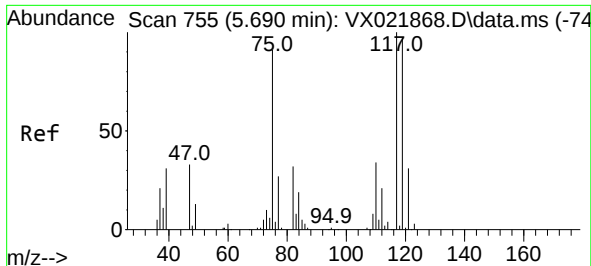
Delta R.T. -0.153 min

Lab File: VX022044.D

Acq: 17 May 2021 20:08

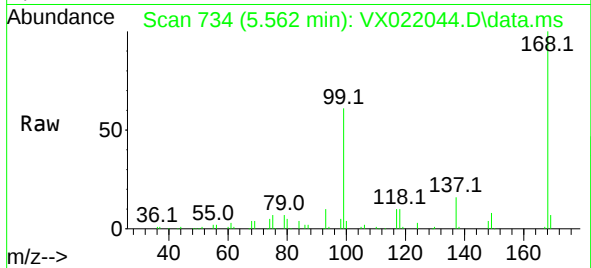
Tgt Ion:	43	Resp:	2034
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.8	19.2#
70	0.0	10.5	15.7#



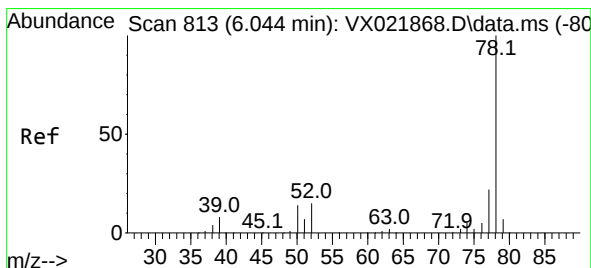
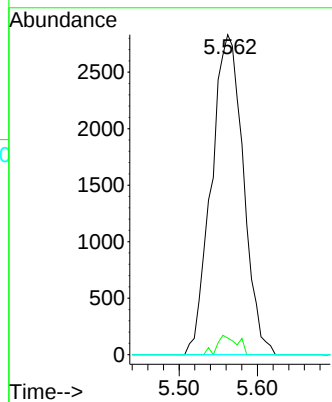
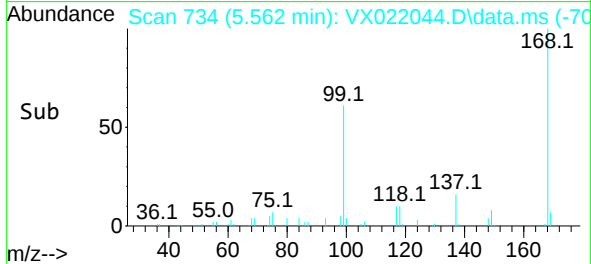


#38
Carbon Tetrachloride
Concen: 4.78 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022044.D
Acq: 17 May 2021 20:08

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-DUP-20210510

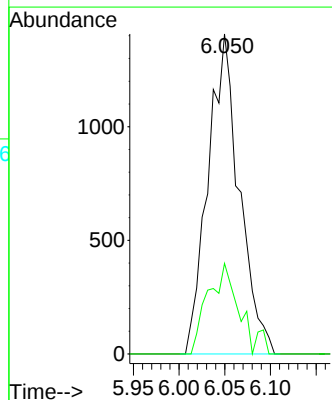
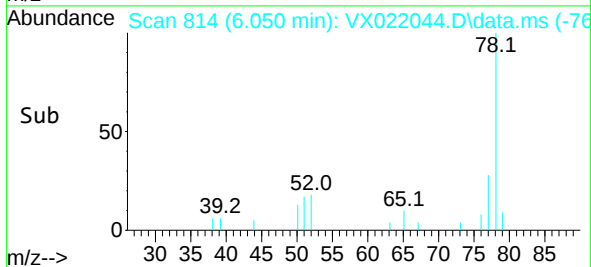
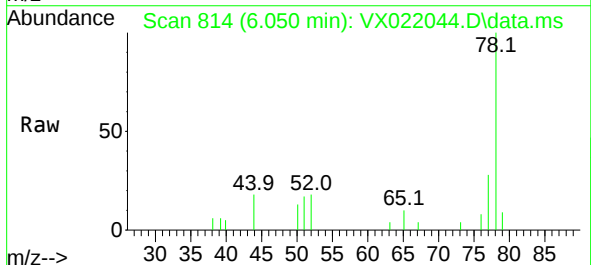


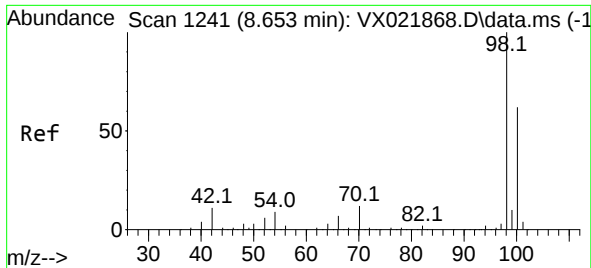
Tgt Ion:117 Resp: 8034
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 24.8 37.2#



#40
Benzene
Concen: 0.66 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX022044.D
Acq: 17 May 2021 20:08

Tgt Ion: 78 Resp: 3353
Ion Ratio Lower Upper
78 100
77 28.3 18.9 28.3#

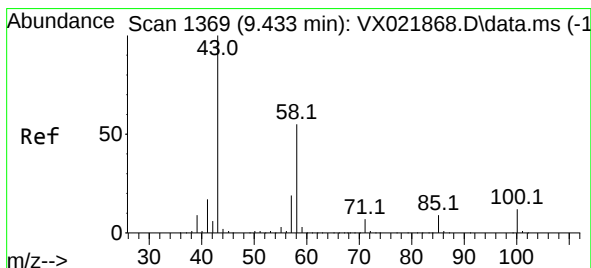
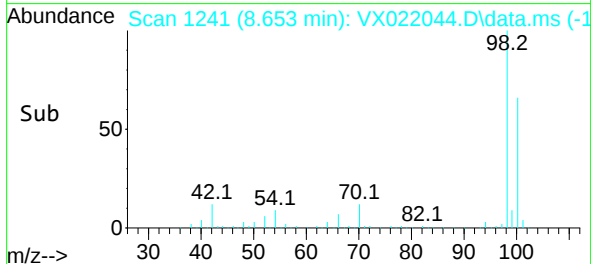
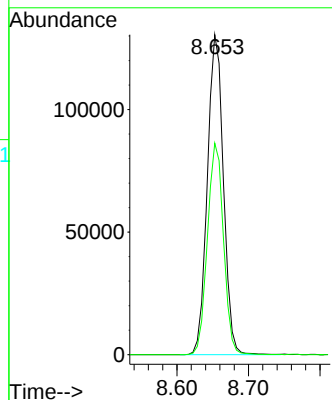
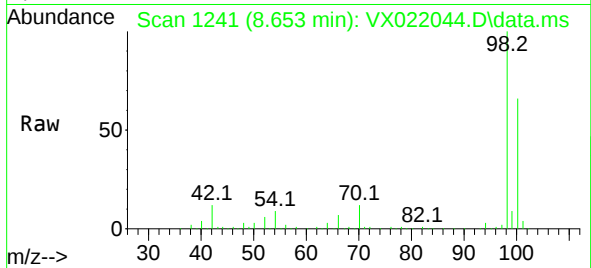




#50
Toluene-d8
Concen: 49.10 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022044.D
Acq: 17 May 2021 20:08

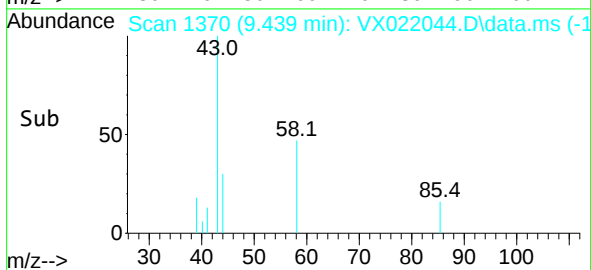
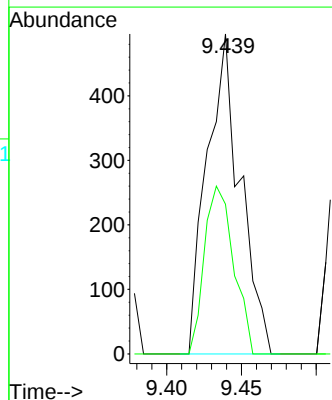
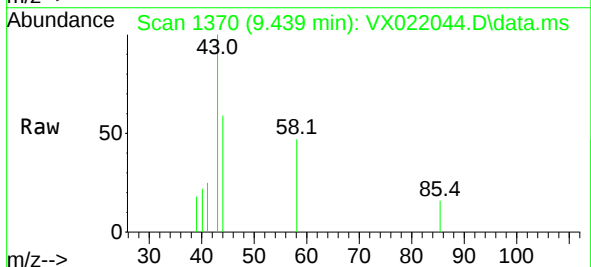
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-DUP-20210510

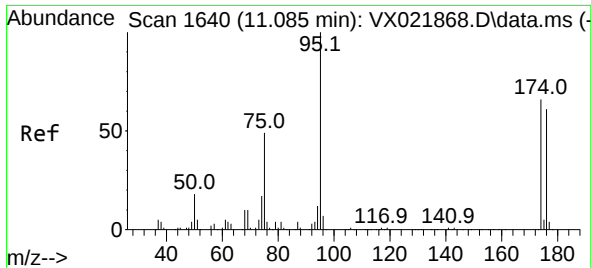
Tgt Ion: 98 Resp: 203716
Ion Ratio Lower Upper
98 100
100 66.2 51.9 77.9



#59
2-Hexanone
Concen: 0.47 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX022044.D
Acq: 17 May 2021 20:08

Tgt Ion: 43 Resp: 767
Ion Ratio Lower Upper
43 100
58 46.0 30.9 92.8

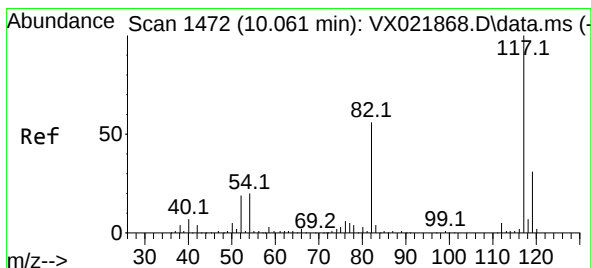
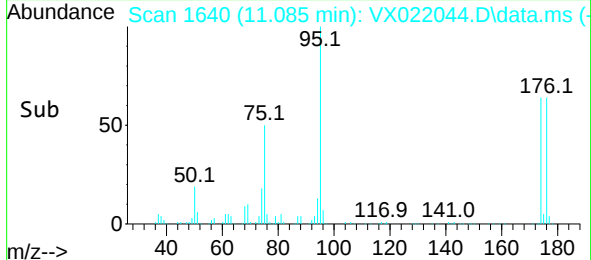
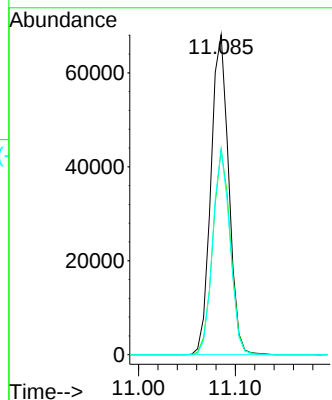
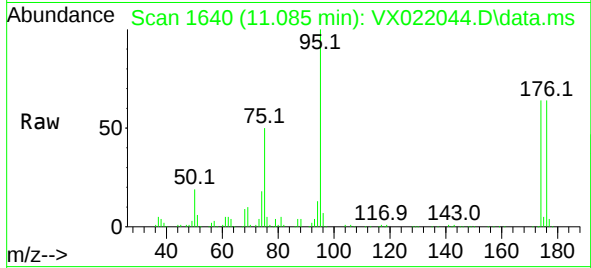




#62
4-Bromofluorobenzene
Concen: 53.18 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022044.D
Acq: 17 May 2021 20:08

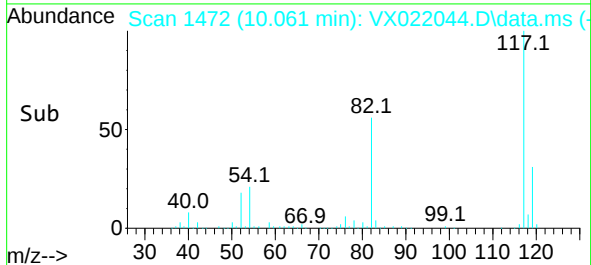
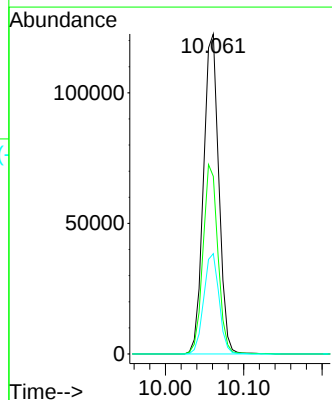
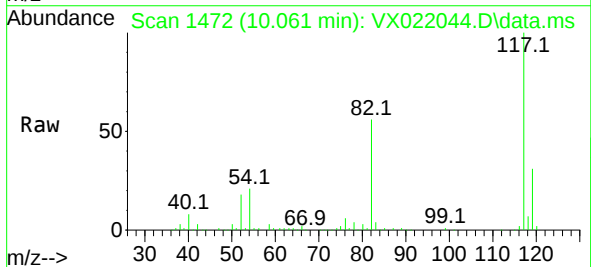
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-DUP-20210510

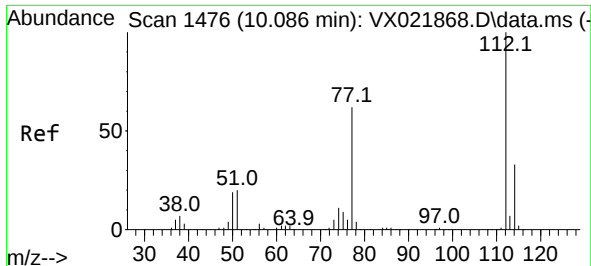
Tgt Ion: 95 Resp: 87092
Ion Ratio Lower Upper
95 100
174 63.3 0.0 154.6
176 62.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022044.D
Acq: 17 May 2021 20:08

Tgt Ion: 117 Resp: 165953
Ion Ratio Lower Upper
117 100
82 55.5 47.4 71.2
119 31.4 26.6 39.8

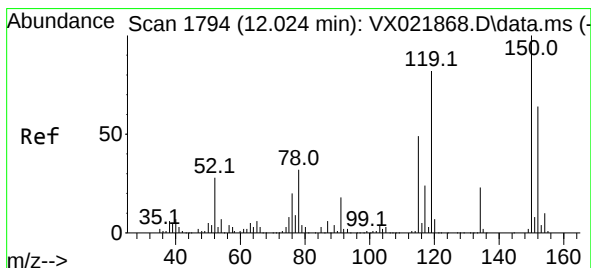
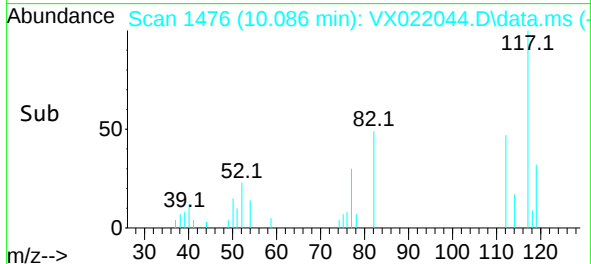
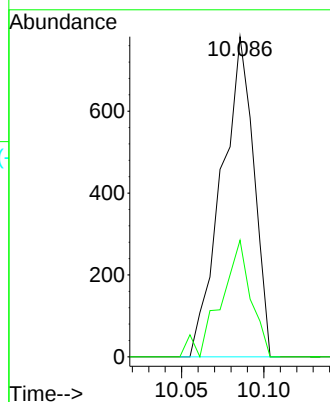
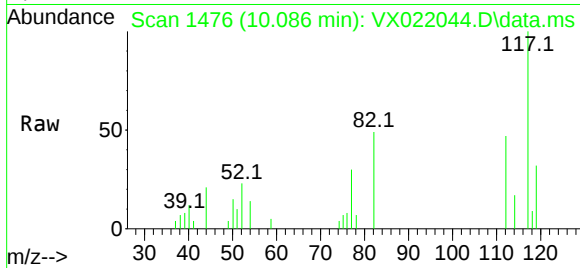




#65
Chlorobenzene
Concen: 0.28 ug/l
RT: 10.086 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VX022044.D
Acq: 17 May 2021 20:08

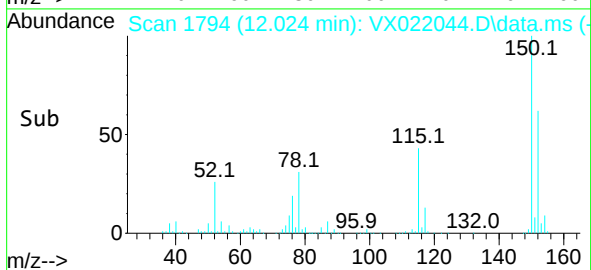
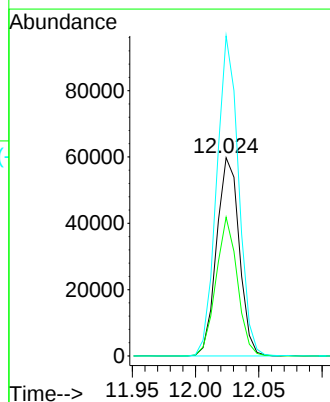
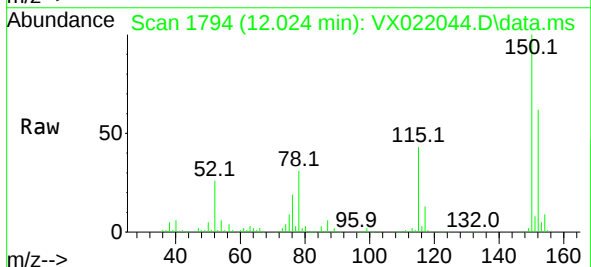
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-DUP-20210510

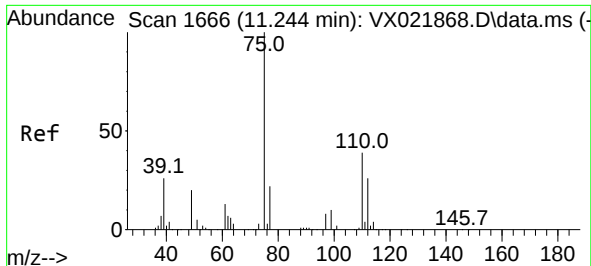
Tgt Ion:112 Resp: 1067
Ion Ratio Lower Upper
112 100
114 36.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022044.D
Acq: 17 May 2021 20:08

Tgt Ion:152 Resp: 74260
Ion Ratio Lower Upper
152 100
115 66.3 41.1 123.3
150 156.3 0.0 349.0

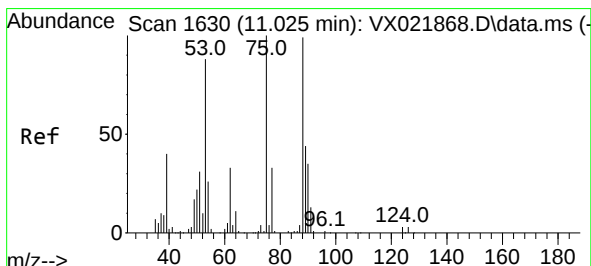
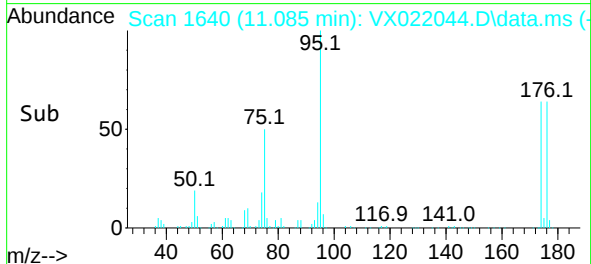
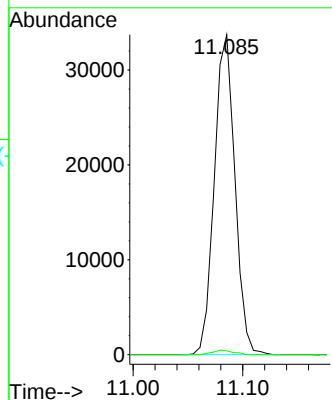
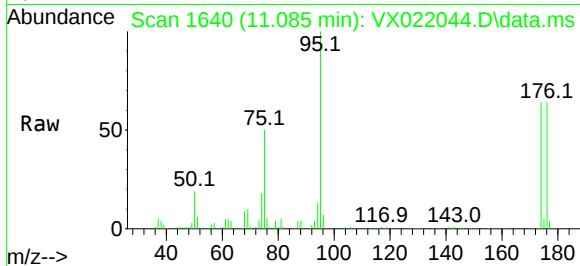




#76
1,2,3-Trichloropropane
Concen: 20.84 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022044.D
Acq: 17 May 2021 20:08

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-DUP-20210510

Tgt Ion: 75 Resp: 44006
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 48.35 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022044.D
Acq: 17 May 2021 20:08

Tgt Ion: 75 Resp: 44006
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

