

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013021\
 Data File : VX020813.D
 Acq On : 29 Jan 2021 19:31
 Operator : JC/SP
 Sample : M1296-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-VPB-RW6-GW-58-60

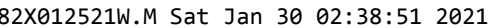
Quant Time: Jan 30 02:38:42 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:38:15 2021
 Response via : Initial Calibration

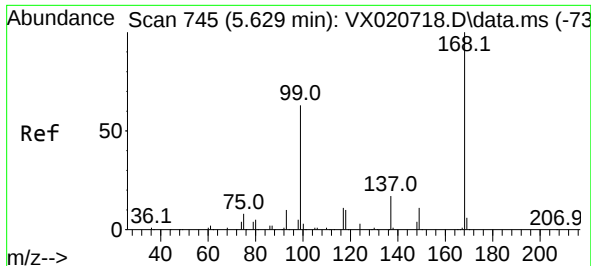
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.629	168	273021	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	462961	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	436129	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	181562	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	187804	50.43	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.86%			
35) Dibromofluoromethane	5.464	113	161098	50.80	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.60%			
50) Toluene-d8	8.696	98	569157	48.96	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.92%			
62) 4-Bromofluorobenzene	11.122	95	193185	42.79	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 85.58%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.989	59	943	1.36	ug/l #	73
13) Acrolein	2.276	56	304	0.58	ug/l #	25
16) Acetone	2.416	43	10679	7.56	ug/l	93
17) Carbon Disulfide	2.556	76	452	0.95	ug/l #	75
25) 2-Butanone	4.654	43	1781	0.81	ug/l	96
29) Tetrahydrofuran	5.093	42	777	0.55	ug/l #	52
30) Chloroform	5.178	83	1379	0.23	ug/l	86
31) Cyclohexane	5.617	56	5097	1.02	ug/l #	10
36) 1,1-Dichloropropene	5.623	75	20703	4.46	ug/l #	45
37) Ethyl Acetate	4.654	43	1781	0.40	ug/l #	64
38) Carbon Tetrachloride	5.623	117	27663	5.66	ug/l #	17
40) Benzene	6.111	78	7099	0.52	ug/l	100
44) Trichloroethene	7.190	130	12758	3.50	ug/l	94
49) 1,4-Dioxane	7.848	88	18	0.22	ug/l #	1
52) Toluene	8.763	92	6478	0.75	ug/l	100
68) m/p-Xylenes	10.336	106	1316	0.22	ug/l	96
74) N-amyl acetate	10.890	43	407	2.09	ug/l #	1
76) 1,2,3-Trichloropropane	11.116	75	93397	22.18	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	93397	62.15	ug/l #	12
95) Naphthalene	13.817	128	2343	3.03	ug/l	97

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

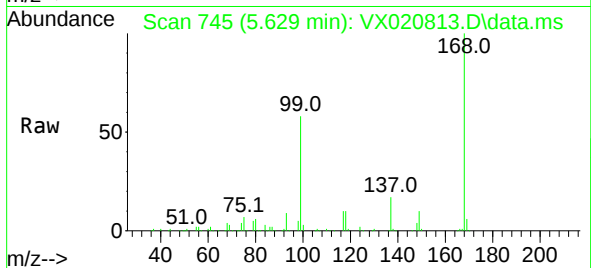
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
Quant Title : SW846 8260
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Response via : Initial Calibration



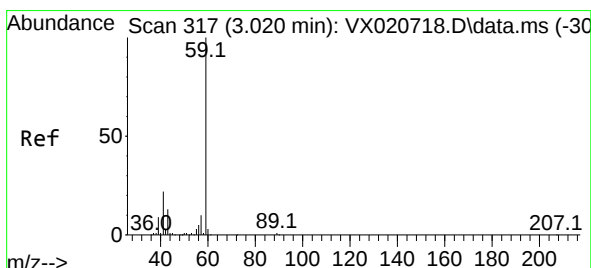
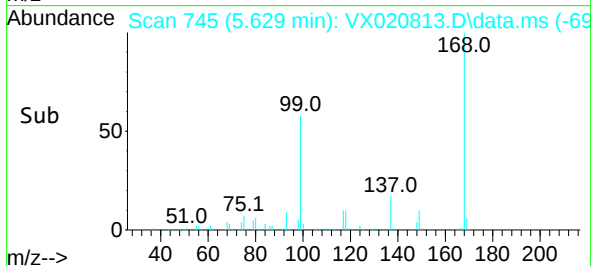
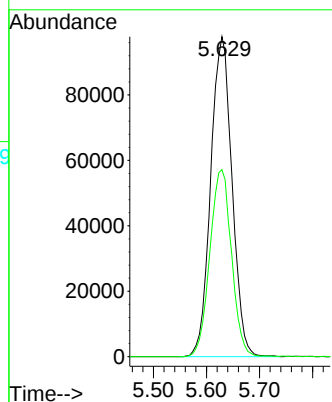


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX020813.D
Acq: 29 Jan 2021 19:31

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-58-60

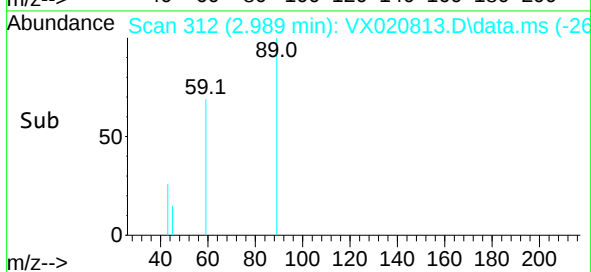
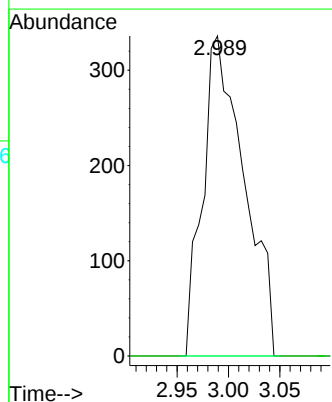
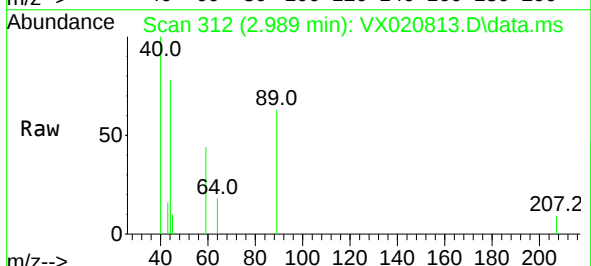


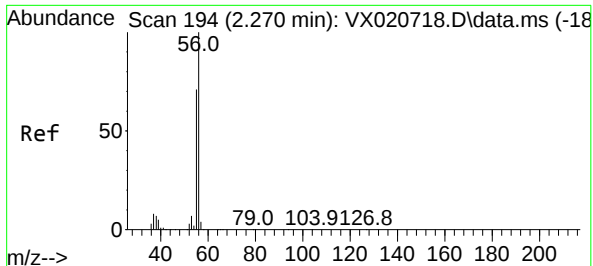
Tgt Ion:168 Resp: 273021
Ion Ratio Lower Upper
168 100
99 58.4 45.8 68.6



#11
Tert butyl alcohol
Concen: 1.36 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.031 min
Lab File: VX020813.D
Acq: 29 Jan 2021 19:31

Tgt Ion: 59 Resp: 943
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

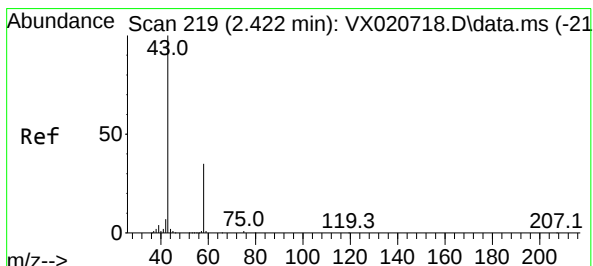
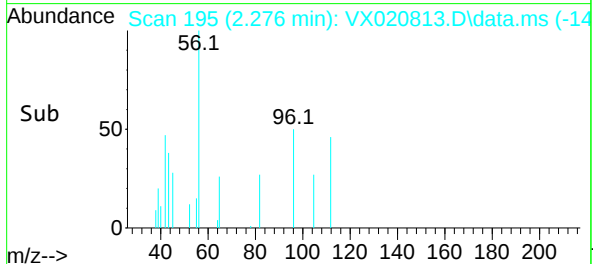
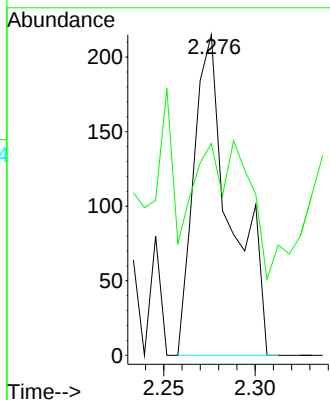
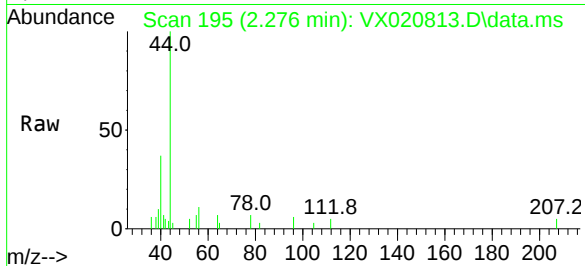




#13
Acrolein
Concen: 0.58 ug/l
RT: 2.276 min Scan# 195
Delta R.T. 0.006 min
Lab File: VX020813.D
Acq: 29 Jan 2021 19:31

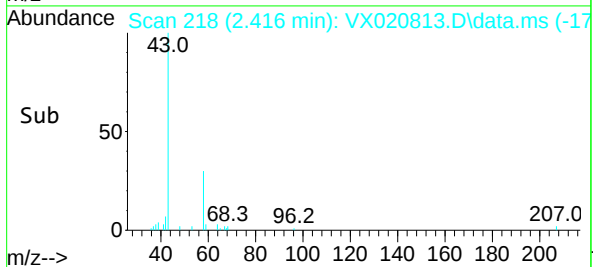
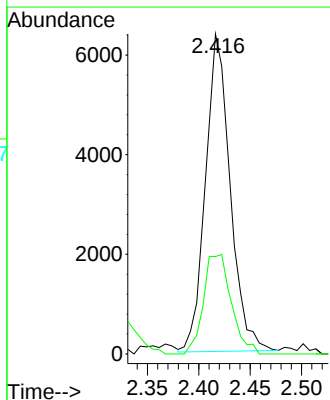
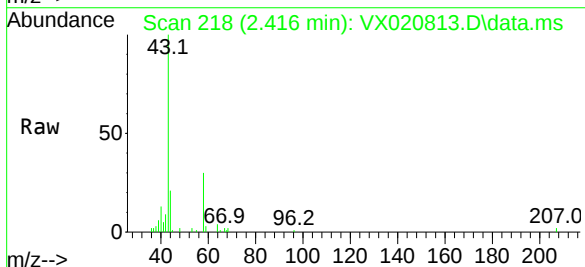
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-58-60

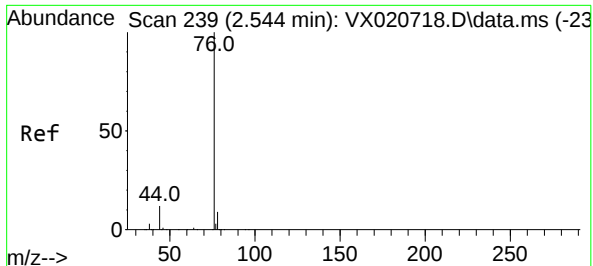
Tgt Ion: 56 Resp: 304
Ion Ratio Lower Upper
56 100
55 8.6 56.4 84.6#



#16
Acetone
Concen: 7.56 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX020813.D
Acq: 29 Jan 2021 19:31

Tgt Ion: 43 Resp: 10679
Ion Ratio Lower Upper
43 100
58 30.8 27.8 41.8

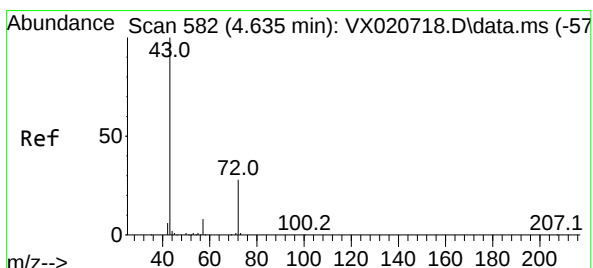
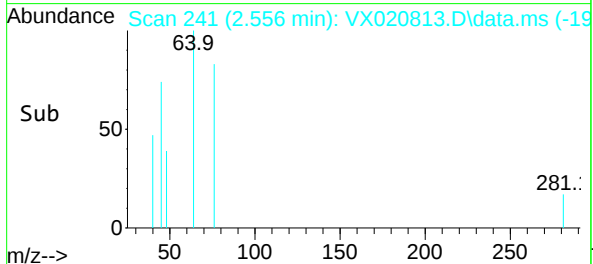
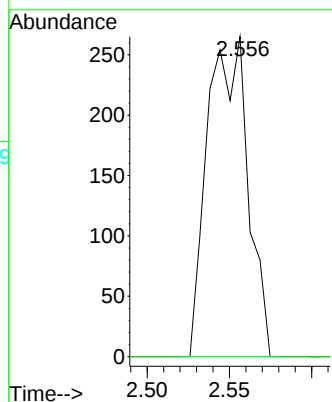
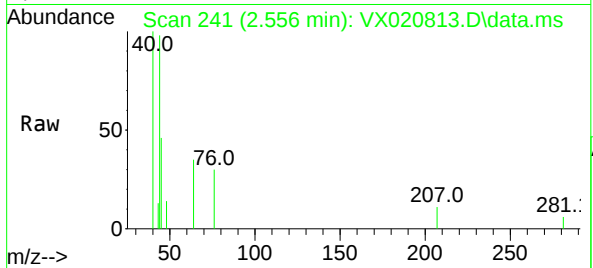




#17
Carbon Disulfide
Concen: 0.95 ug/l
RT: 2.556 min Scan# 241
Delta R.T. 0.012 min
Lab File: VX020813.D
Acq: 29 Jan 2021 19:31

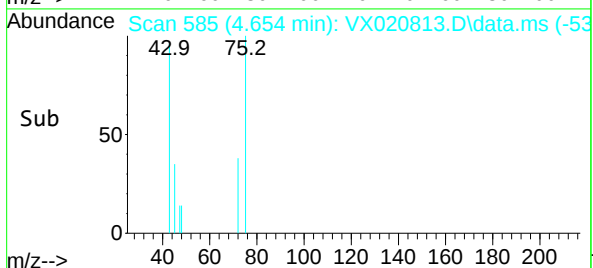
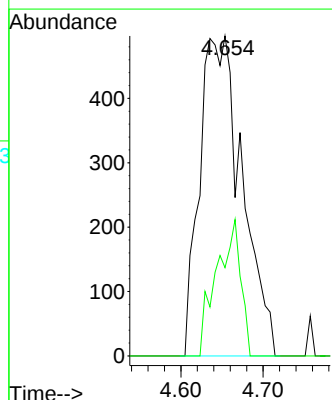
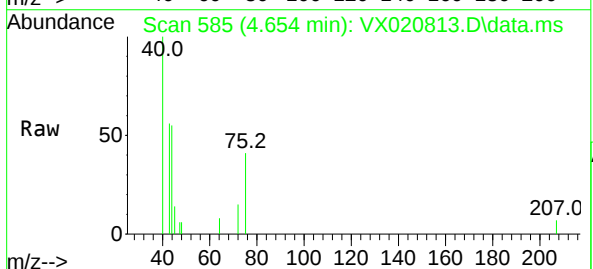
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-58-60

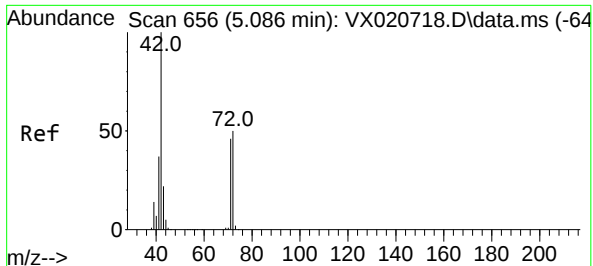
Tgt Ion: 76 Resp: 452
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#25
2-Butanone
Concen: 0.81 ug/l
RT: 4.654 min Scan# 585
Delta R.T. 0.019 min
Lab File: VX020813.D
Acq: 29 Jan 2021 19:31

Tgt Ion: 43 Resp: 1781
Ion Ratio Lower Upper
43 100
72 27.6 23.7 35.5





#29

Tetrahydrofuran

Concen: 0.55 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.007 min

Lab File: VX020813.D

Acq: 29 Jan 2021 19:31

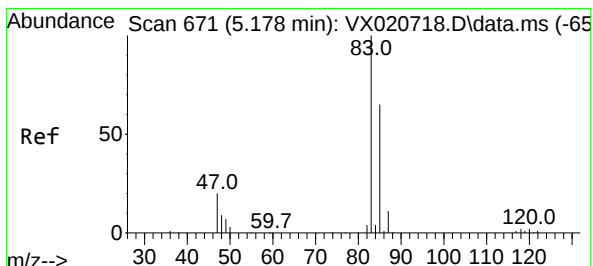
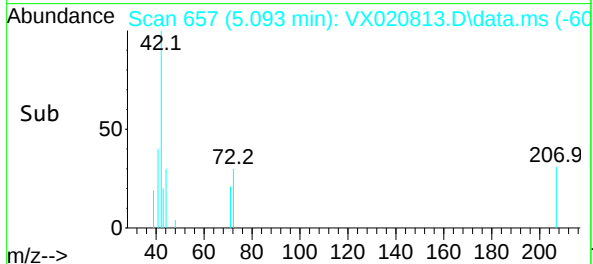
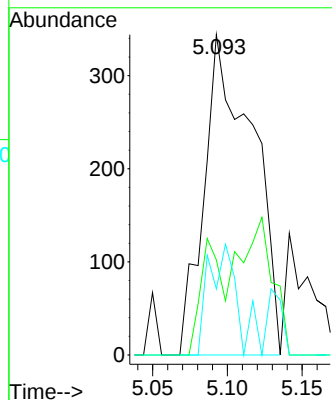
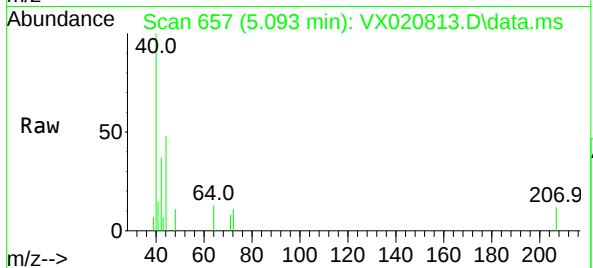
Tgt Ion: 42 Resp: 777

Ion Ratio Lower Upper

42 100

72 16.0 41.7 62.5#

71 17.9 38.4 57.6#



#30

Chloroform

Concen: 0.23 ug/l

RT: 5.178 min Scan# 671

Delta R.T. -0.000 min

Lab File: VX020813.D

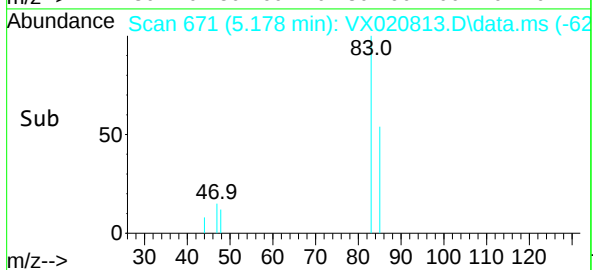
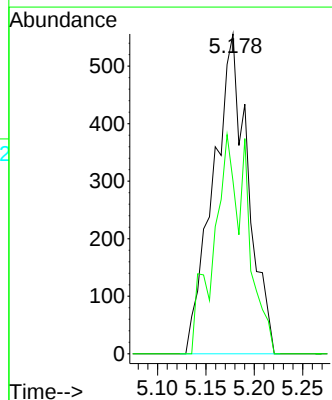
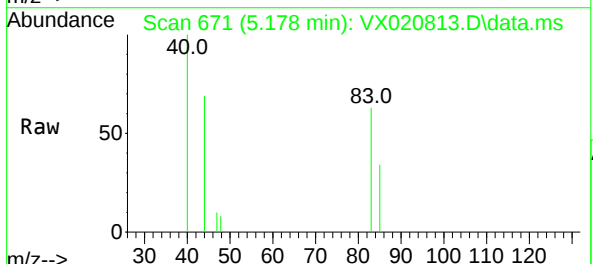
Acq: 29 Jan 2021 19:31

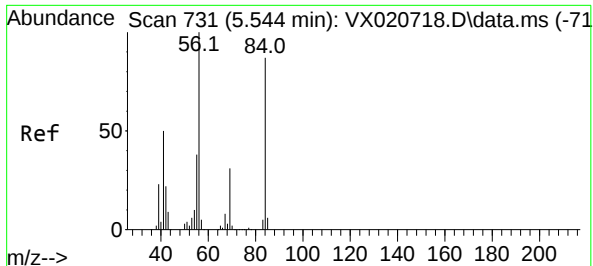
Tgt Ion: 83 Resp: 1379

Ion Ratio Lower Upper

83 100

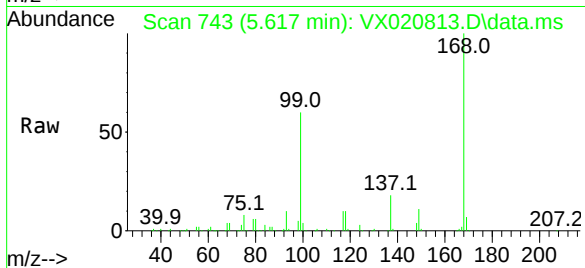
85 54.0 52.0 78.0



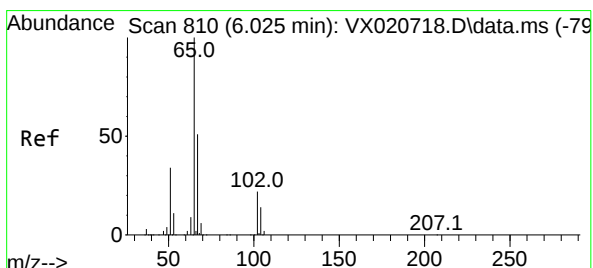
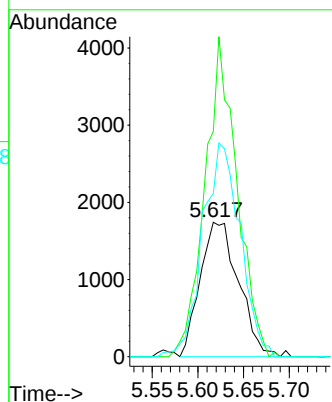
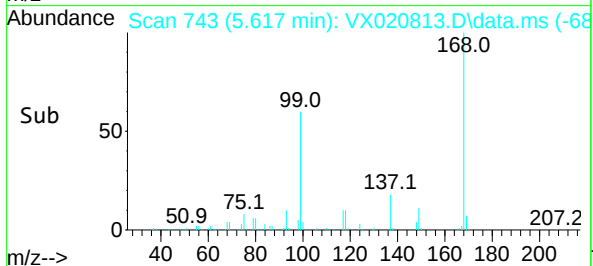


#31
Cyclohexane
Concen: 1.02 ug/l
RT: 5.617 min Scan# 743
Delta R.T. 0.073 min
Lab File: VX020813.D
Acq: 29 Jan 2021 19:31

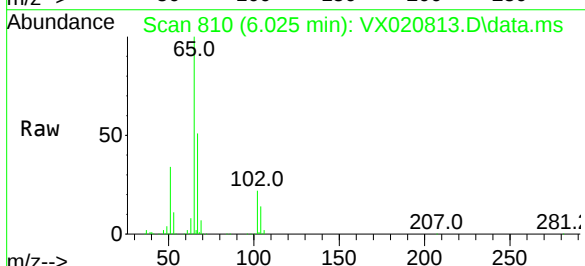
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-58-60



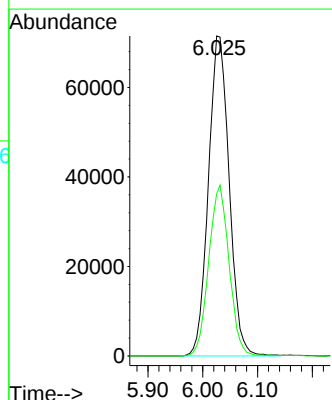
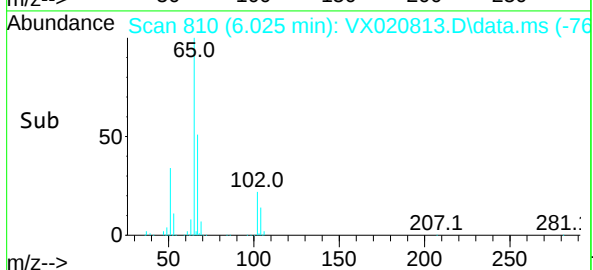
Tgt Ion: 56 Resp: 5097
Ion Ratio Lower Upper
56 100
69 167.6 25.3 37.9#
84 121.4 71.4 107.0#

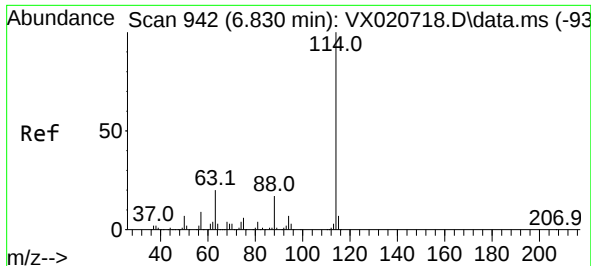


#33
1,2-Dichloroethane-d4
Concen: 50.43 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020813.D
Acq: 29 Jan 2021 19:31



Tgt Ion: 65 Resp: 187804
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.4

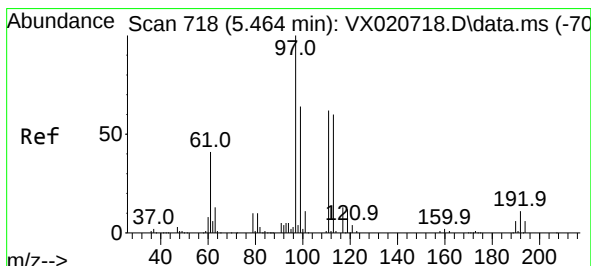
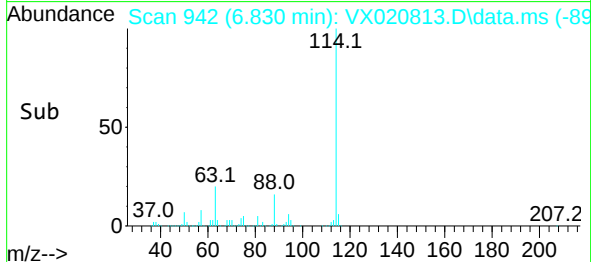
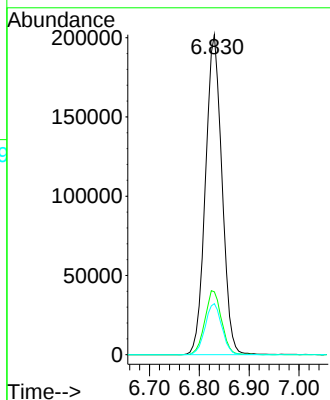
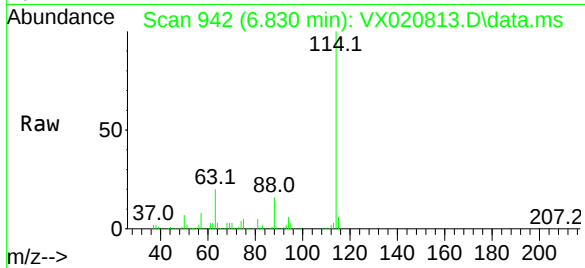




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.000 min
Lab File: VX020813.D
Acq: 29 Jan 2021 19:31

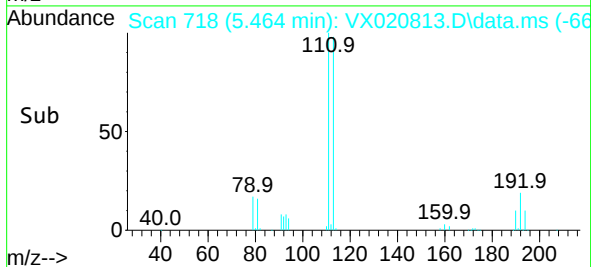
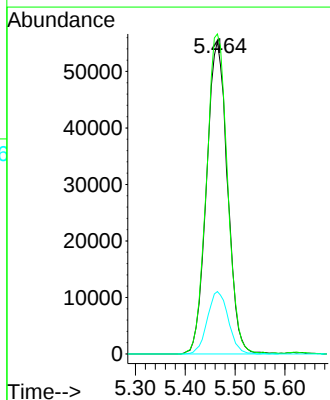
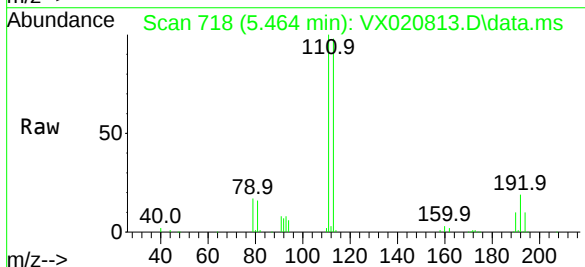
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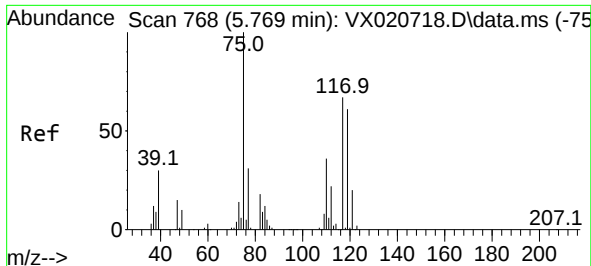
Tgt Ion:114 Resp: 462961
Ion Ratio Lower Upper
114 100
63 19.6 0.0 40.8
88 15.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.80 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX020813.D
Acq: 29 Jan 2021 19:31

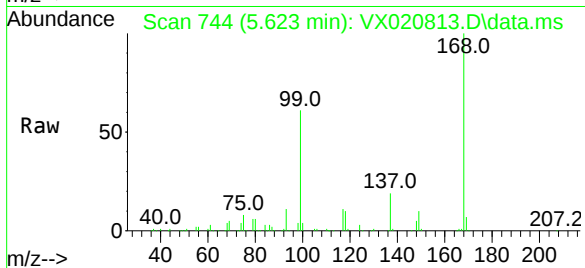
Tgt Ion:113 Resp: 161098
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 20.0 16.7 25.1



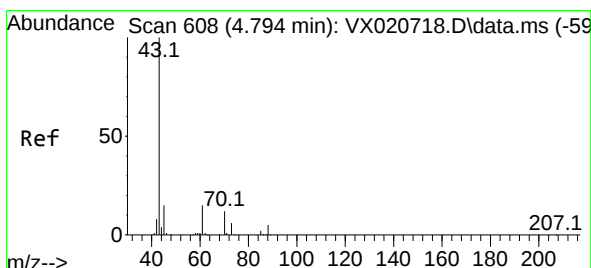
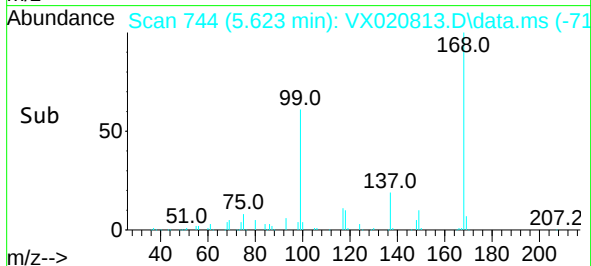
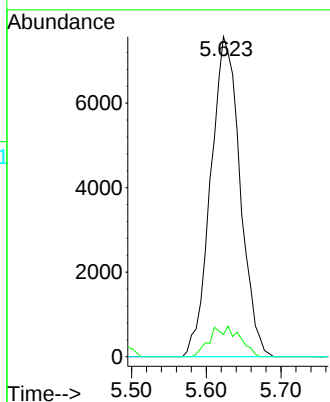


#36
1,1-Dichloropropene
Concen: 4.46 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX020813.D
Acq: 29 Jan 2021 19:31

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-58-60

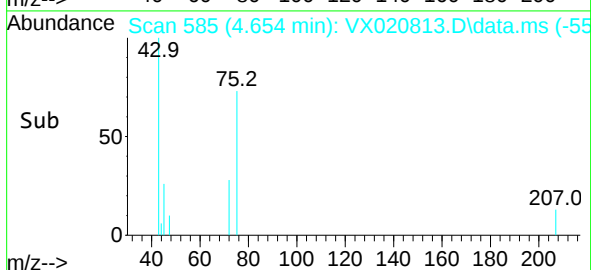
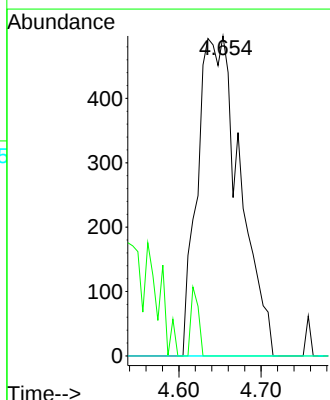
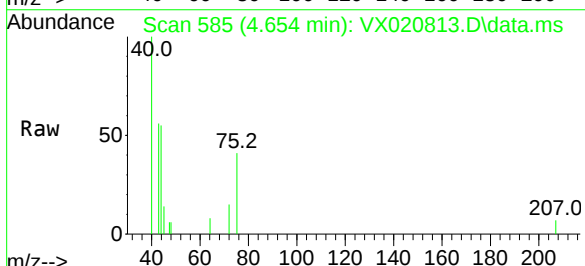


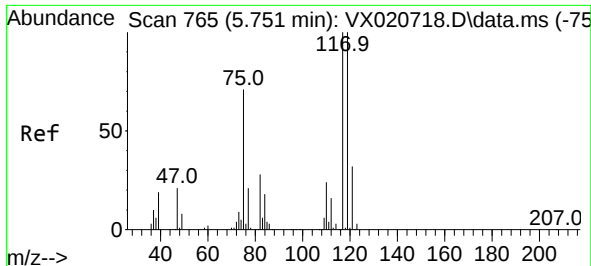
Tgt Ion: 75 Resp: 20703
Ion Ratio Lower Upper
75 100
110 4.8 18.1 54.4#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 0.40 ug/l
RT: 4.654 min Scan# 585
Delta R.T. -0.140 min
Lab File: VX020813.D
Acq: 29 Jan 2021 19:31

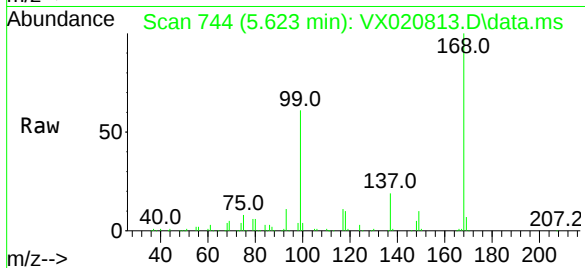
Tgt Ion: 43 Resp: 1781
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 10.5 15.7#



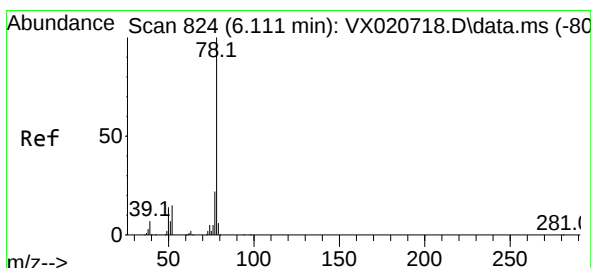
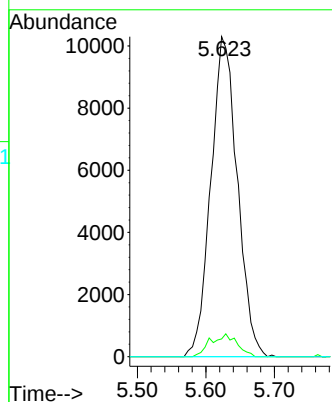
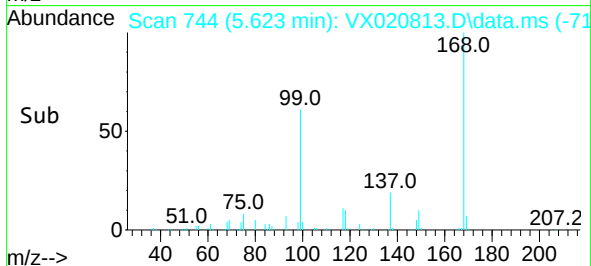


#38
Carbon Tetrachloride
Concen: 5.66 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.128 min
Lab File: VX020813.D
Acq: 29 Jan 2021 19:31

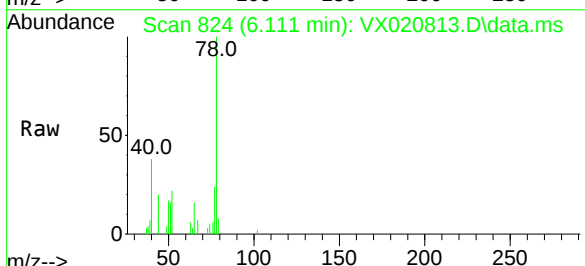
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-58-60



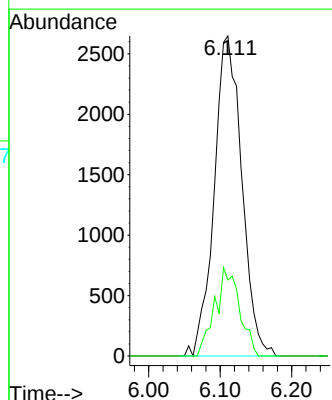
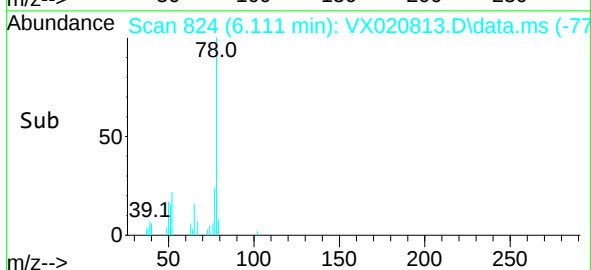
Tgt Ion:117 Resp: 27663
Ion Ratio Lower Upper
117 100
119 5.5 76.2 114.2#
121 0.0 24.8 37.2#

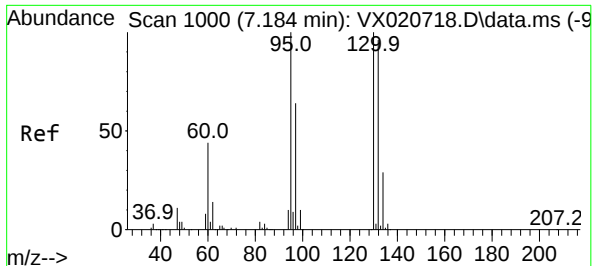


#40
Benzene
Concen: 0.52 ug/l
RT: 6.111 min Scan# 824
Delta R.T. -0.000 min
Lab File: VX020813.D
Acq: 29 Jan 2021 19:31



Tgt Ion: 78 Resp: 7099
Ion Ratio Lower Upper
78 100
77 23.8 18.9 28.3





#44

Trichloroethene

Concen: 3.50 ug/l

RT: 7.190 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VX020813.D

Acq: 29 Jan 2021 19:31

Instrument :

MSVOA_X

ClientSampleId :

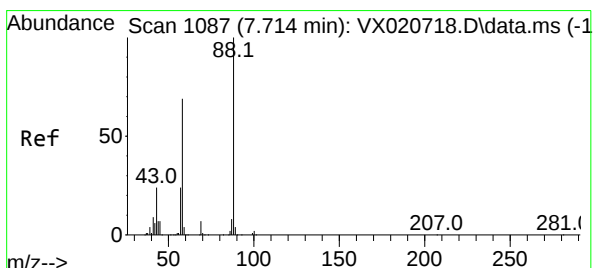
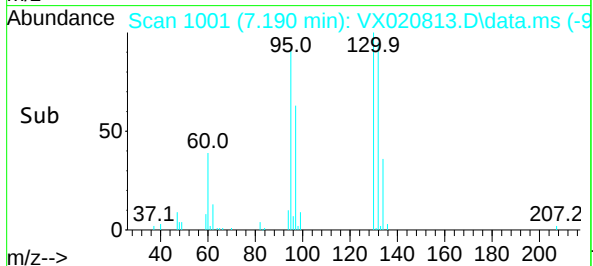
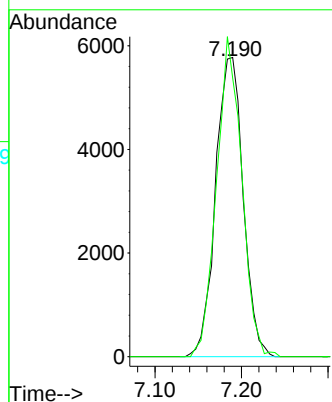
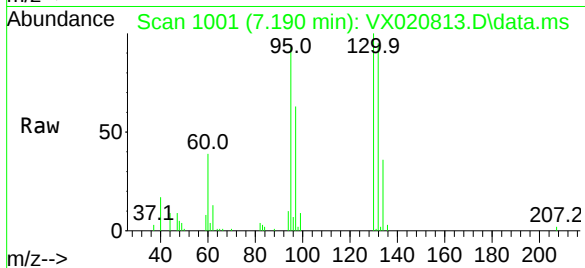
BP-TT-VPB-RW6-GW-58-60

Tgt Ion:130 Resp: 12758

Ion Ratio Lower Upper

130 100

95 93.1 0.0 198.0



#49

1,4-Dioxane

Concen: 0.22 ug/l

RT: 7.848 min Scan# 1109

Delta R.T. 0.134 min

Lab File: VX020813.D

Acq: 29 Jan 2021 19:31

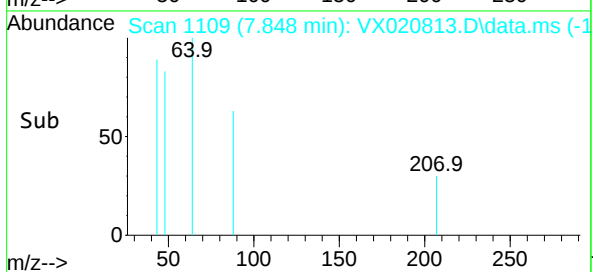
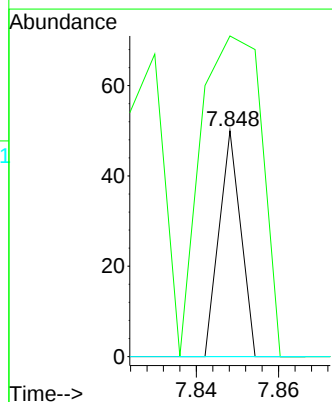
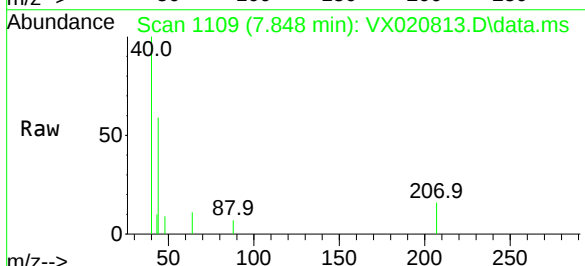
Tgt Ion: 88 Resp: 18

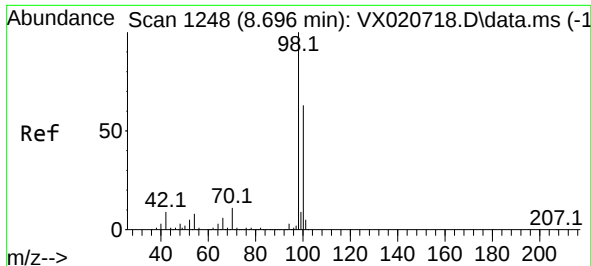
Ion Ratio Lower Upper

88 100

43 405.6 23.2 34.8#

58 0.0 55.0 82.4#

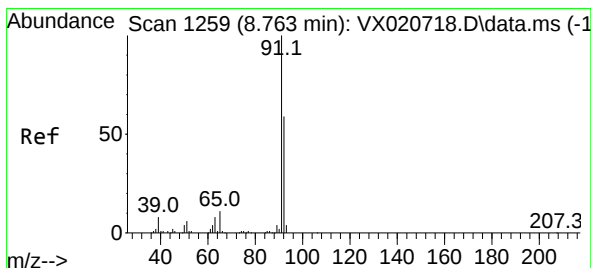
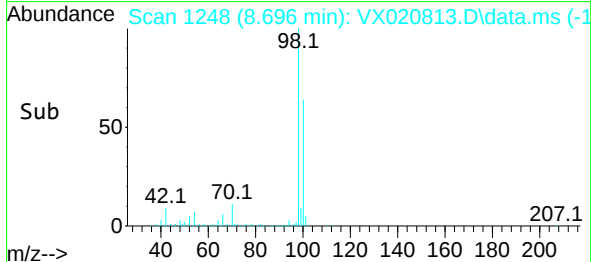
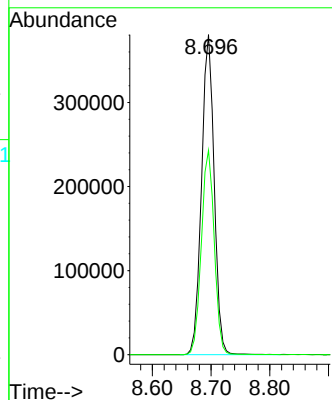
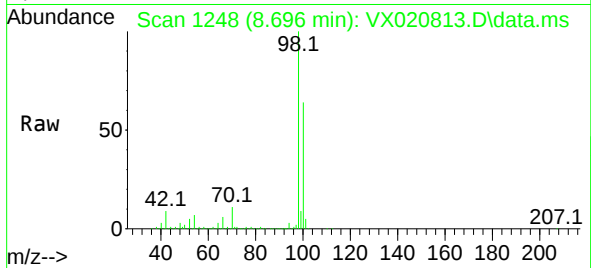




#50
Toluene-d8
Concen: 48.96 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020813.D
Acq: 29 Jan 2021 19:31

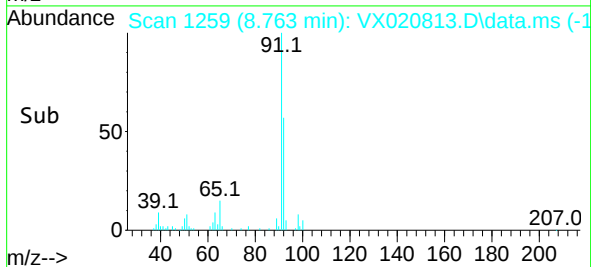
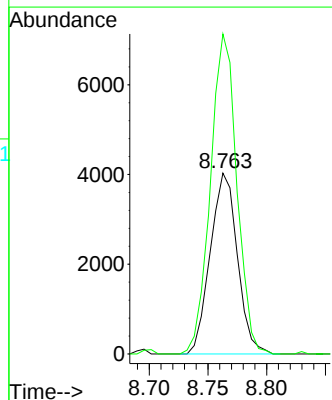
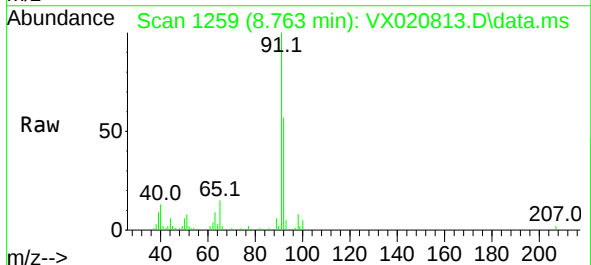
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-58-60

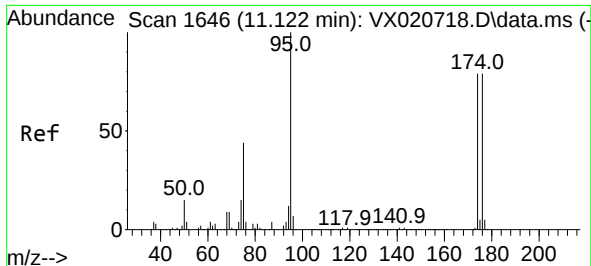
Tgt Ion: 98 Resp: 569157
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9



#52
Toluene
Concen: 0.75 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VX020813.D
Acq: 29 Jan 2021 19:31

Tgt Ion: 92 Resp: 6478
Ion Ratio Lower Upper
92 100
91 172.1 137.1 205.7

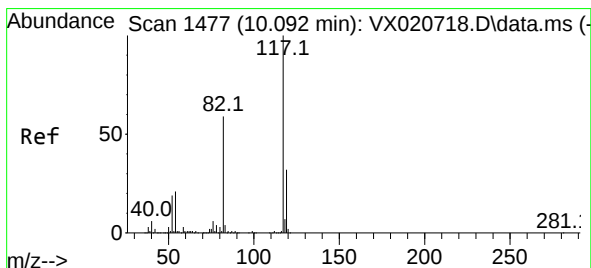
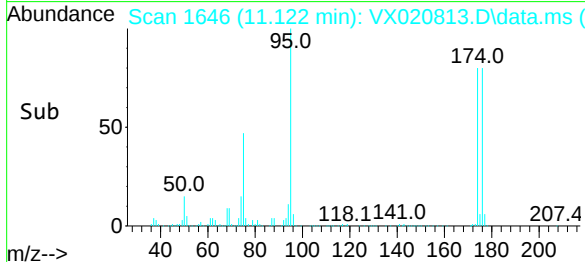
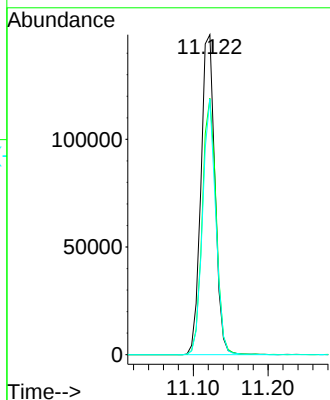
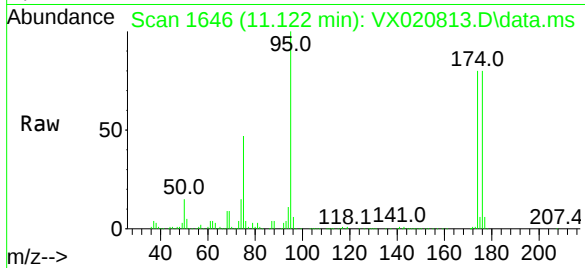




#62
4-Bromofluorobenzene
Concen: 42.79 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020813.D
Acq: 29 Jan 2021 19:31

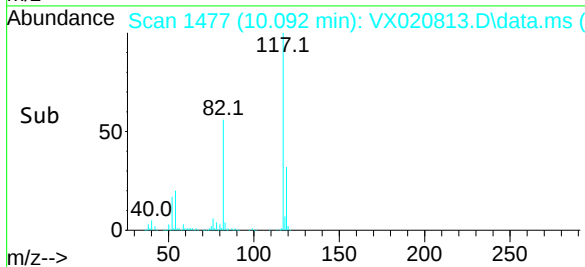
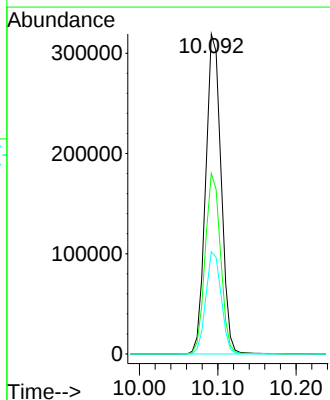
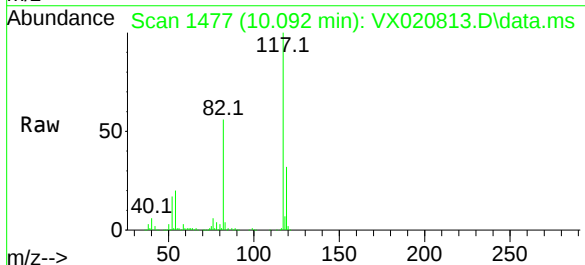
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-58-60

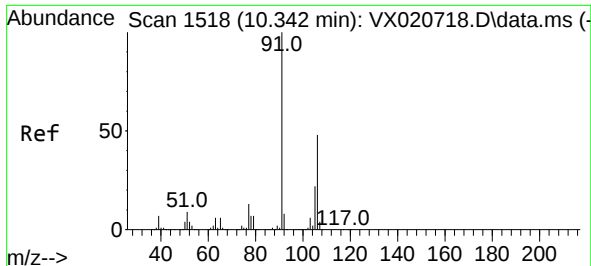
Tgt Ion: 95 Resp: 193185
Ion Ratio Lower Upper
95 100
174 79.4 0.0 154.6
176 75.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020813.D
Acq: 29 Jan 2021 19:31

Tgt Ion: 117 Resp: 436129
Ion Ratio Lower Upper
117 100
82 56.4 47.4 71.2
119 32.0 26.6 39.8

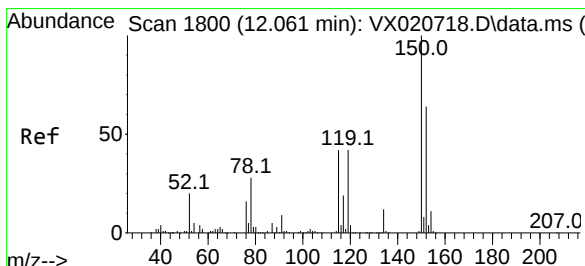
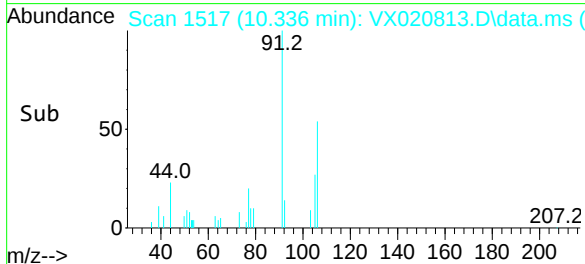
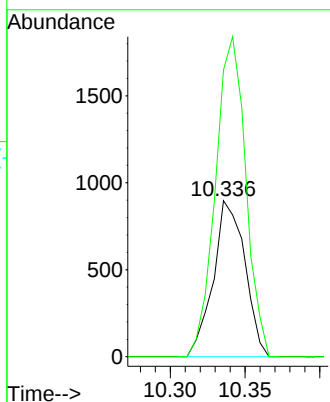
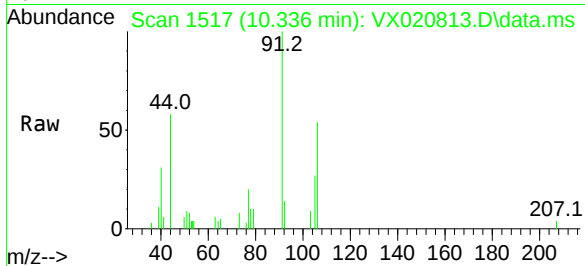




#68
m/p-Xylenes
Concen: 0.22 ug/l
RT: 10.336 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VX020813.D
Acq: 29 Jan 2021 19:31

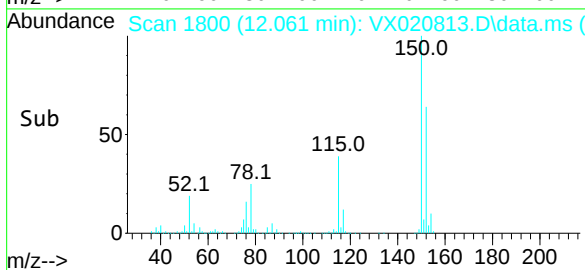
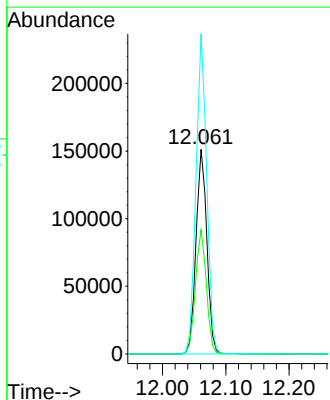
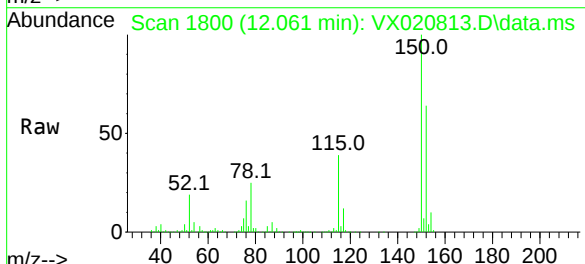
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-58-60

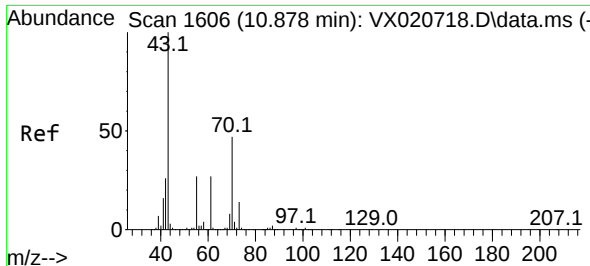
Tgt Ion:106 Resp: 1316
Ion Ratio Lower Upper
106 100
91 196.8 162.8 244.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020813.D
Acq: 29 Jan 2021 19:31

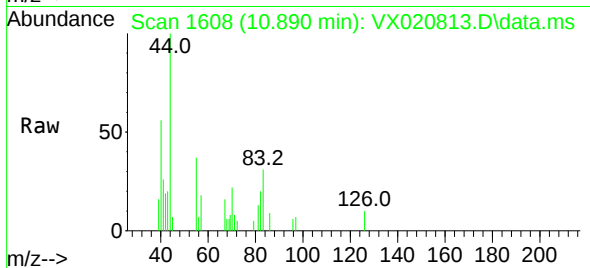
Tgt Ion:152 Resp: 181562
Ion Ratio Lower Upper
152 100
115 60.6 41.1 123.3
150 154.1 0.0 349.0



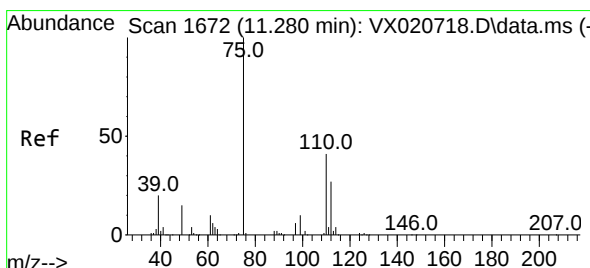
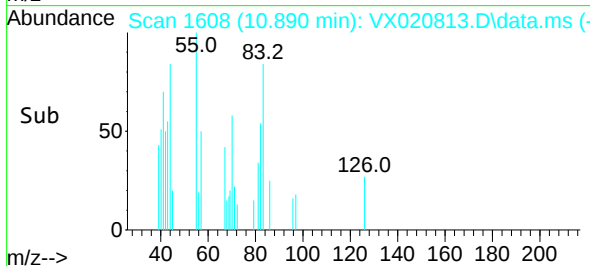
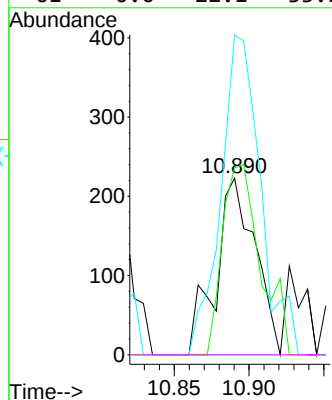


#74
N-amy1 acetate
Concen: 2.09 ug/l
RT: 10.890 min Scan# 1608
Delta R.T. 0.012 min
Lab File: VX020813.D
Acq: 29 Jan 2021 19:31

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-58-60

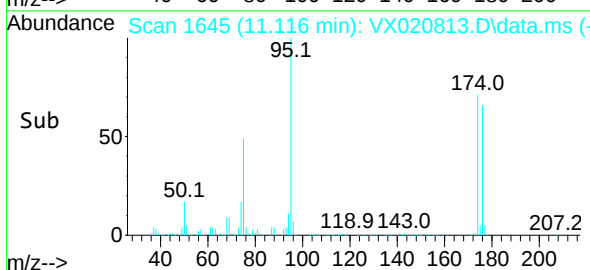
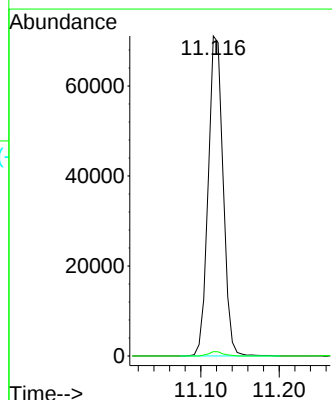
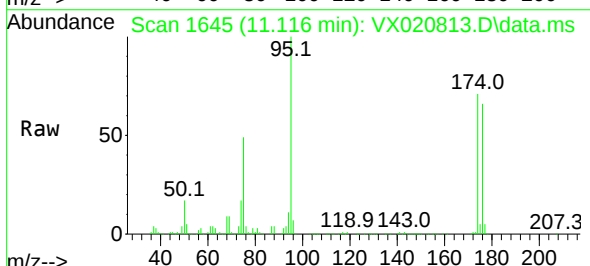


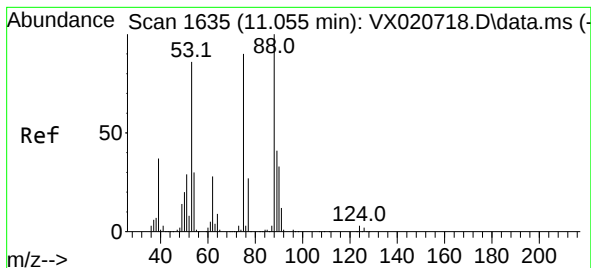
Tgt Ion:	43	Resp:	407
Ion	Ratio	Lower	Upper
43	100		
70	104.4	39.0	58.6#
55	184.0	21.5	32.3#
61	0.0	22.1	33.1#



#76
1,2,3-Trichloropropane
Concen: 22.18 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX020813.D
Acq: 29 Jan 2021 19:31

Tgt Ion:	75	Resp:	93397
Ion	Ratio	Lower	Upper
75	100		
77	1.4	19.1	57.5#

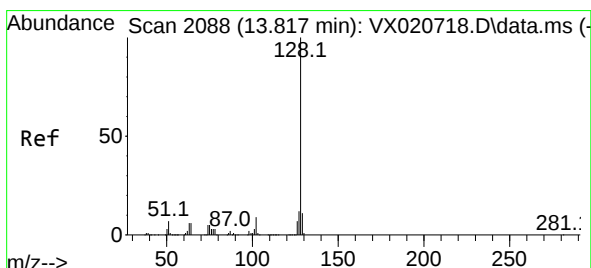
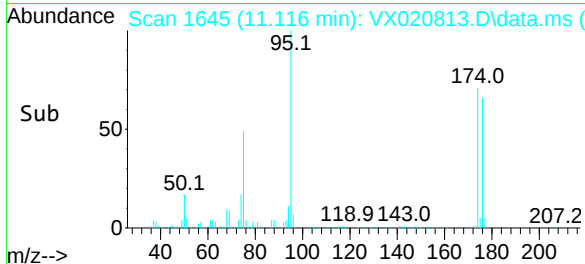
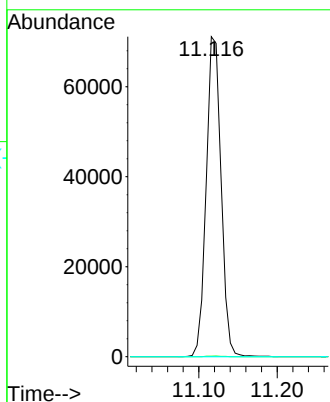
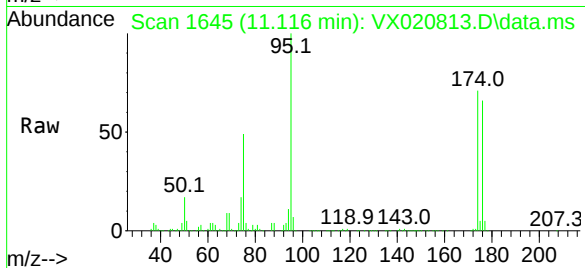




#81
trans-1,4-Dichloro-2-butene
Concen: 62.15 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020813.D
Acq: 29 Jan 2021 19:31

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-58-60

Tgt Ion: 75 Resp: 93397
Ion Ratio Lower Upper
75 100
53 0.2 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 3.03 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020813.D
Acq: 29 Jan 2021 19:31

Tgt Ion: 128 Resp: 2343
Ion Ratio Lower Upper
128 100
127 11.7 10.3 15.5
129 11.9 8.8 13.2

