

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013021\
 Data File : VX020821.D
 Acq On : 29 Jan 2021 22:38
 Operator : JC/SP
 Sample : M1289-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 152140-MW-1D(OFFSITE)

Quant Time: Jan 30 02:41:12 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)

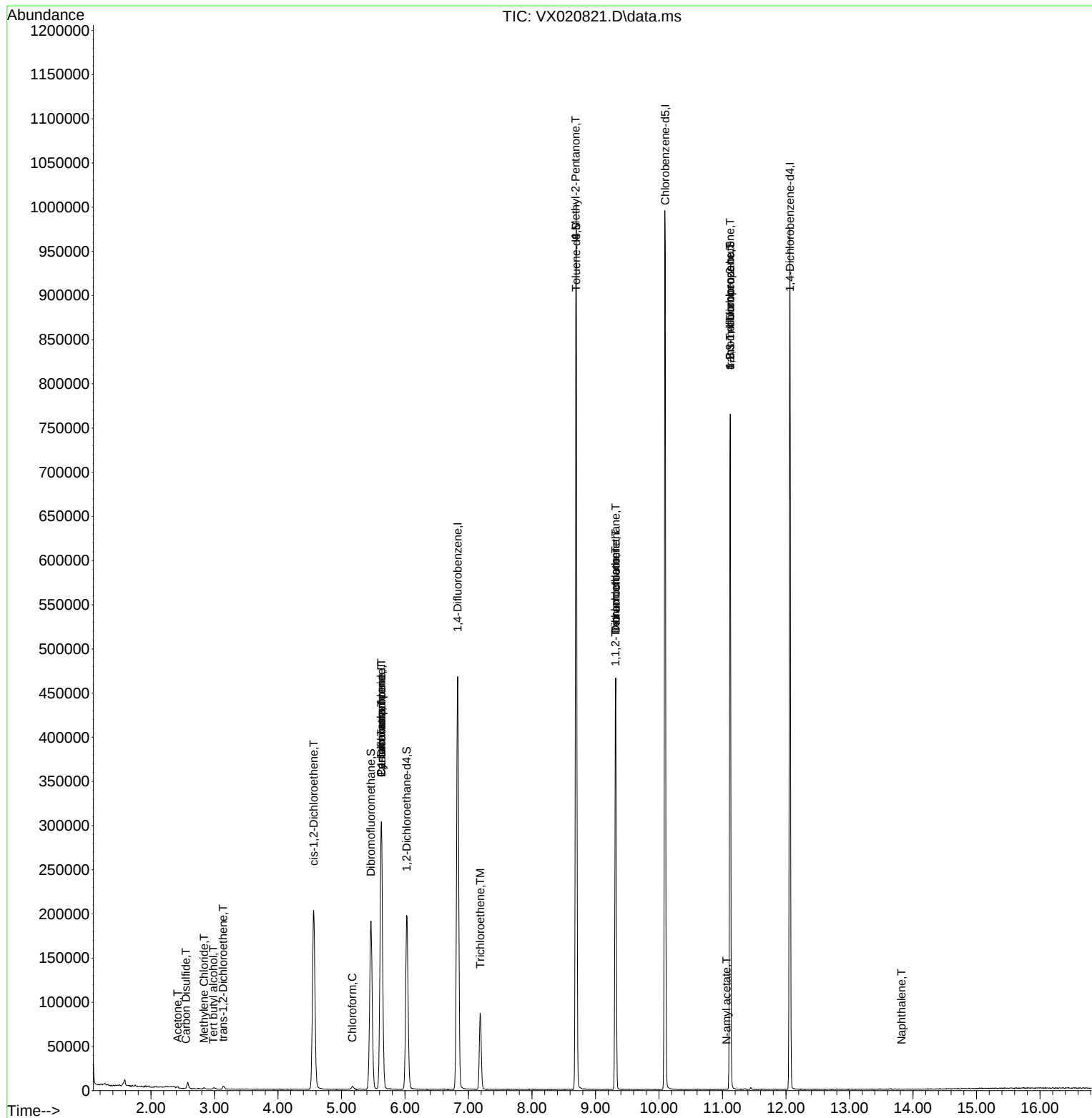
Internal Standards						
1) Pentafluorobenzene	5.629	168	284327	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	476828	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	467566	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	199973	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	192024	49.51	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.02%		
35) Dibromofluoromethane	5.465	113	166137	50.87	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.74%		
50) Toluene-d8	8.696	98	597067	49.86	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.72%		
62) 4-Bromofluorobenzene	11.122	95	208541	44.85	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.70%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.983	59	1239	1.71	ug/l #	73
16) Acetone	2.416	43	1774	1.21	ug/l #	88
17) Carbon Disulfide	2.550	76	257	0.93	ug/l #	75
20) Methylene Chloride	2.837	84	758	0.20	ug/l #	93
21) trans-1,2-Dichloroethene	3.136	96	1478	0.43	ug/l	95
27) cis-1,2-Dichloroethene	4.562	96	136421	36.47	ug/l	89
30) Chloroform	5.172	83	3412	0.55	ug/l #	80
31) Cyclohexane	5.629	56	5413	1.04	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	21102	4.41	ug/l #	49
38) Carbon Tetrachloride	5.629	117	29600	5.88	ug/l #	18
44) Trichloroethene	7.184	130	33631	8.97	ug/l	99
51) 4-Methyl-2-Pentanone	8.690	43	2115	0.46	ug/l #	1
55) 1,1,2-Trichloroethane	9.311	97	790	0.21	ug/l #	1
60) Dibromochloromethane	9.317	129	88177	21.68	ug/l #	11
64) Tetrachloroethene	9.317	164	88961	24.82	ug/l	96
74) N-amyl acetate	11.061	43	167	2.04	ug/l #	38
76) 1,2,3-Trichloropropane	11.122	75	101584	21.90	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	101584	61.38	ug/l #	12
95) Naphthalene	13.817	128	42	2.88	ug/l #	69

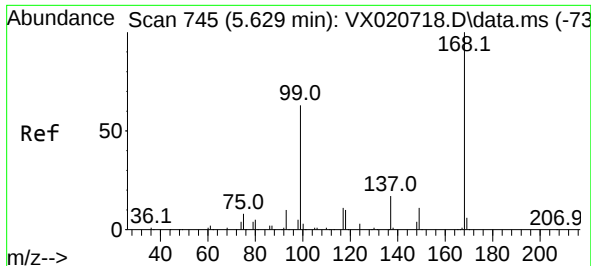
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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152140-MW-1D(OFFSITE)

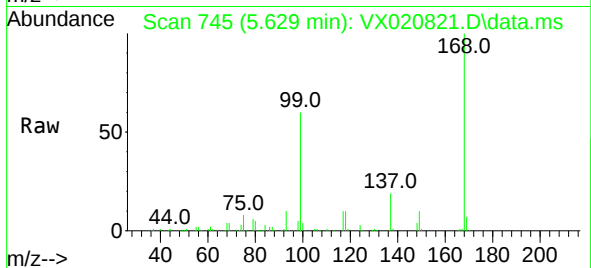
Quant Time: Jan 30 02:41:12 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:38:15 2021
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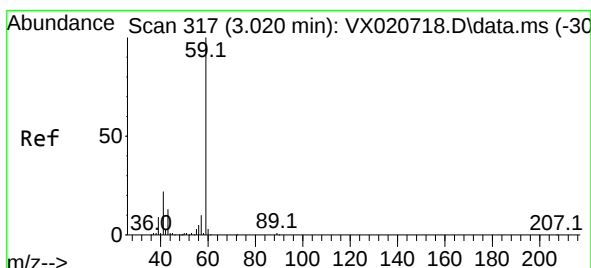
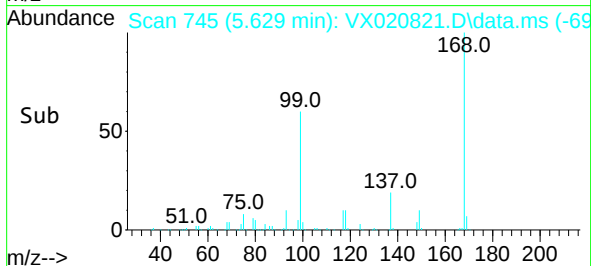
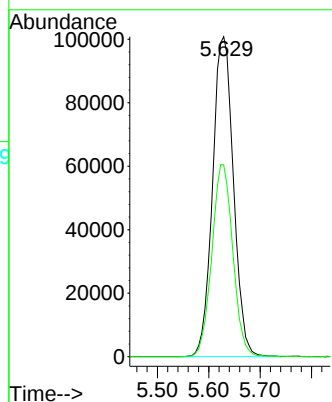


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX020821.D
Acq: 29 Jan 2021 22:38

Instrument :
MSVOA_X
ClientSampleId :
152140-MW-1D(OFFSITE)

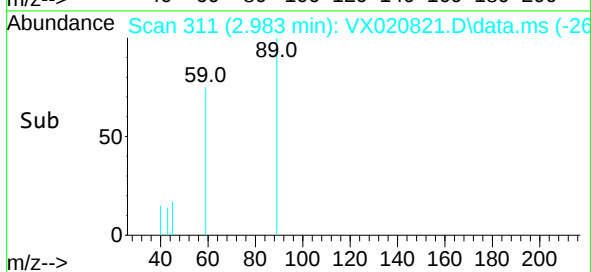
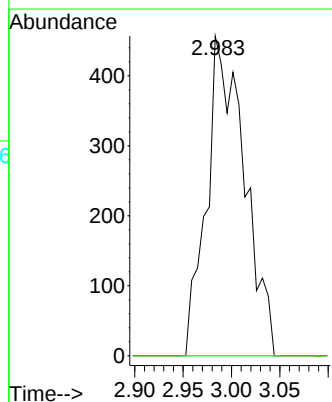
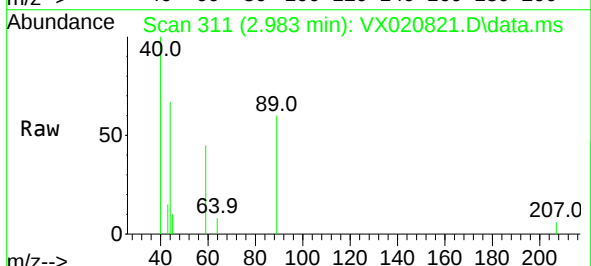


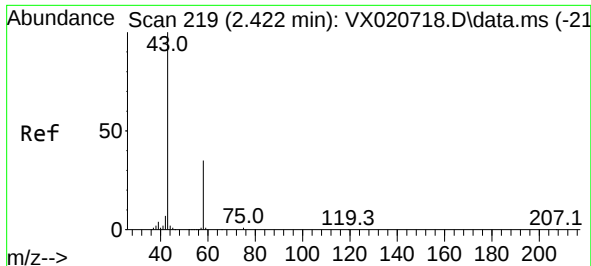
Tgt Ion:168 Resp: 284327
Ion Ratio Lower Upper
168 100
99 60.0 45.8 68.6



#11
Tert butyl alcohol
Concen: 1.71 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.037 min
Lab File: VX020821.D
Acq: 29 Jan 2021 22:38

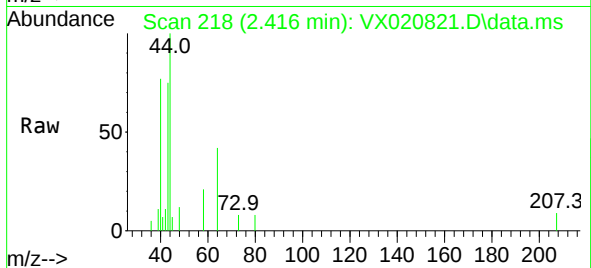
Tgt Ion: 59 Resp: 1239
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



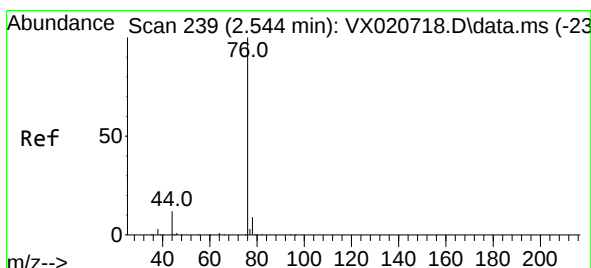
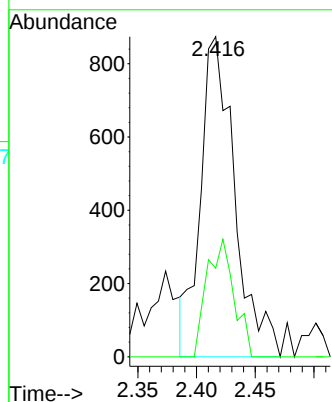
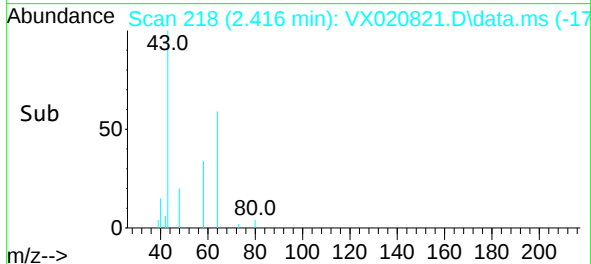


#16
Acetone
Concen: 1.21 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX020821.D
Acq: 29 Jan 2021 22:38

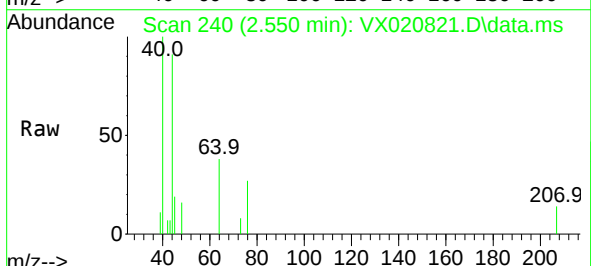
Instrument :
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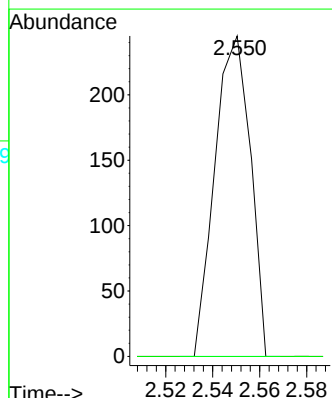
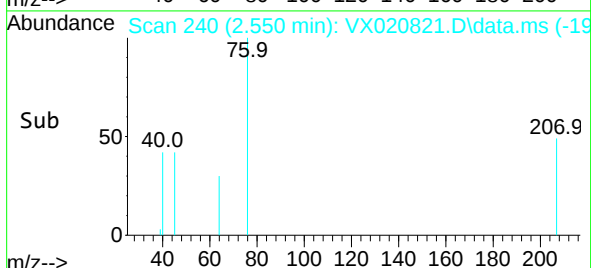
Tgt Ion: 43 Resp: 1774
Ion Ratio Lower Upper
43 100
58 27.7 27.8 41.8#

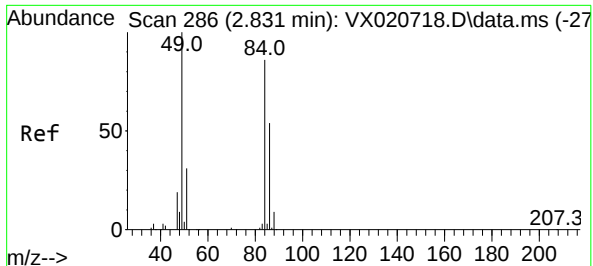


#17
Carbon Disulfide
Concen: 0.93 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.006 min
Lab File: VX020821.D
Acq: 29 Jan 2021 22:38



Tgt Ion: 76 Resp: 257
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: 0.20 ug/l

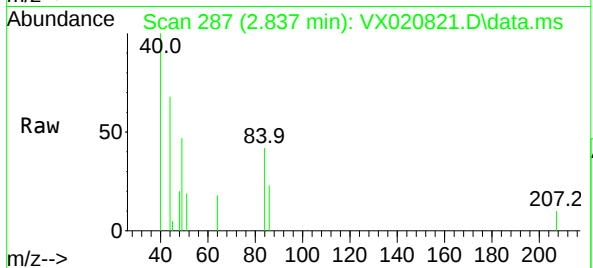
RT: 2.837 min Scan# 287

Delta R.T. 0.006 min

Lab File: VX020821.D

Acq: 29 Jan 2021 22:38

Instrument :
MSVOA_X
ClientSampleId :
152140-MW-1D(OFFSITE)



Tgt Ion: 84 Resp: 758

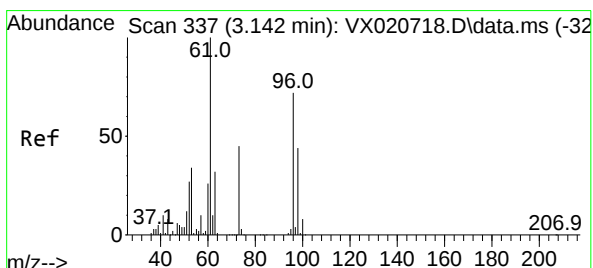
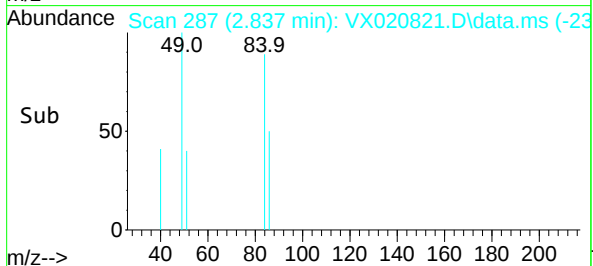
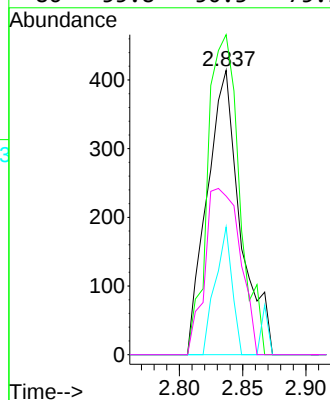
Ion Ratio Lower Upper

84 100

49 112.6 88.6 132.8

51 44.9 27.0 40.6#

86 55.8 50.3 75.5



#21

trans-1,2-Dichloroethene

Concen: 0.43 ug/l

RT: 3.136 min Scan# 336

Delta R.T. -0.006 min

Lab File: VX020821.D

Acq: 29 Jan 2021 22:38

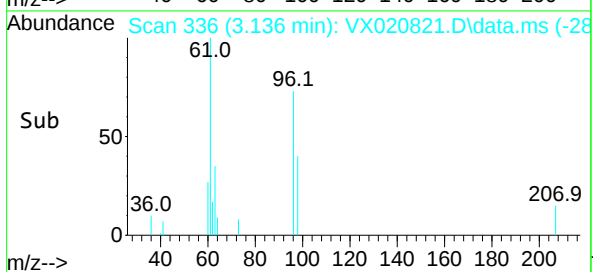
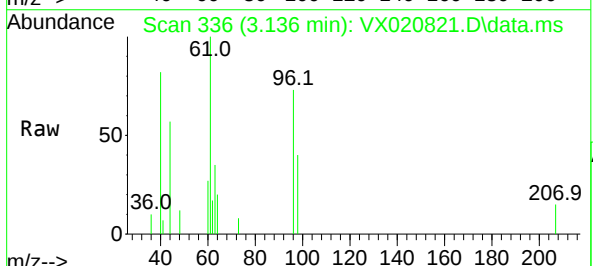
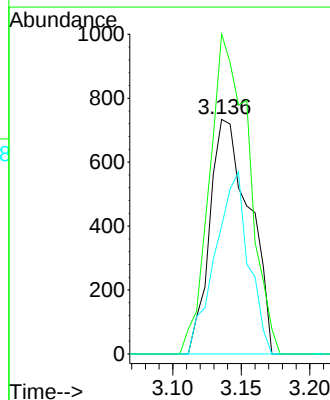
Tgt Ion: 96 Resp: 1478

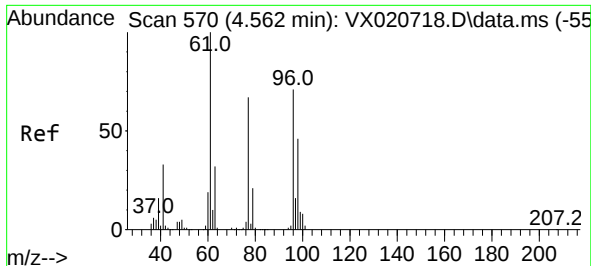
Ion Ratio Lower Upper

96 100

61 136.4 107.7 161.5

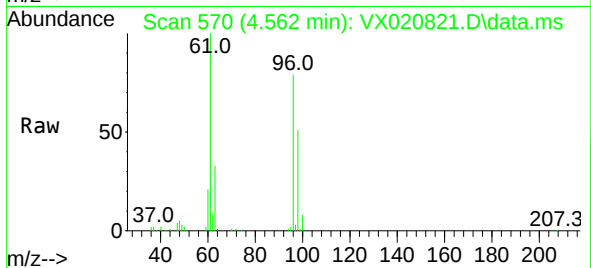
98 54.5 50.4 75.6



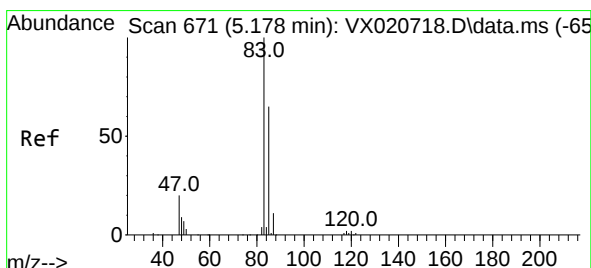
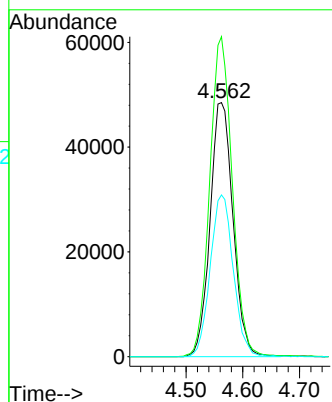
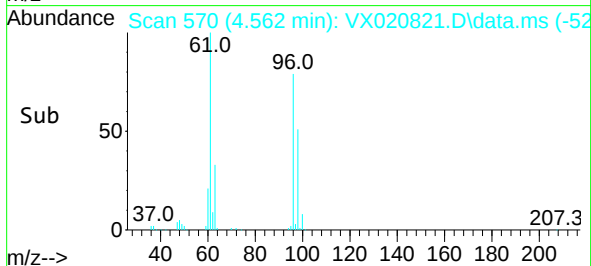


#27
 cis-1,2-Dichloroethene
 Concen: 36.47 ug/l
 RT: 4.562 min Scan# 570
 Delta R.T. 0.000 min
 Lab File: VX020821.D
 Acq: 29 Jan 2021 22:38

Instrument :
 MSVOA_X
 ClientSampleId :
 152140-MW-1D(OFFSITE)

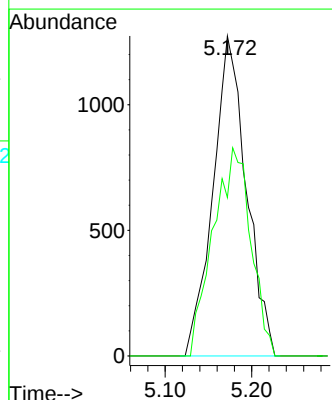
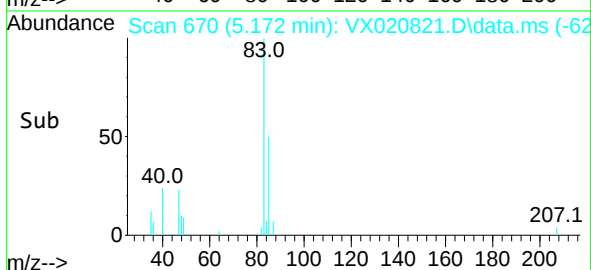
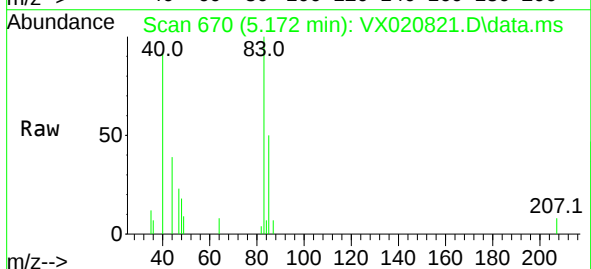


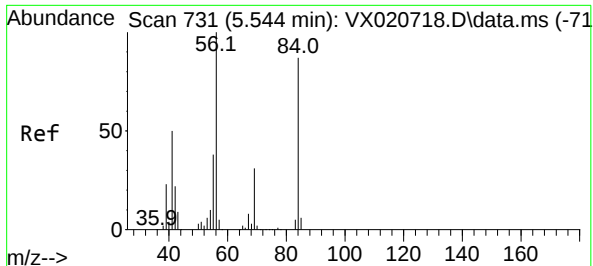
Tgt Ion:	96	Resp:	136421
Ion	Ratio	Lower	Upper
96	100		
61	123.8	0.0	285.6
98	64.1	0.0	129.6



#30
 Chloroform
 Concen: 0.55 ug/l
 RT: 5.172 min Scan# 670
 Delta R.T. -0.006 min
 Lab File: VX020821.D
 Acq: 29 Jan 2021 22:38

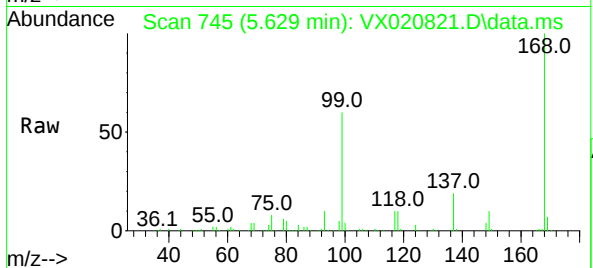
Tgt Ion:	83	Resp:	3412
Ion	Ratio	Lower	Upper
83	100		
85	49.5	52.0	78.0#



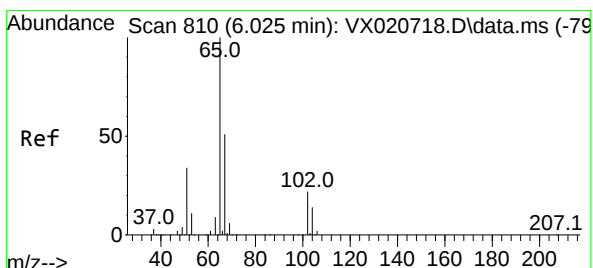
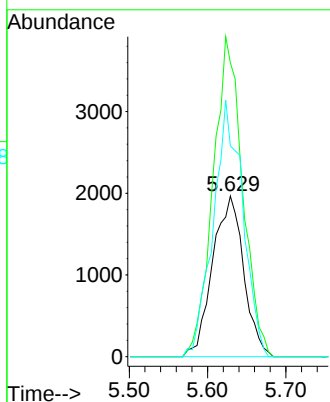
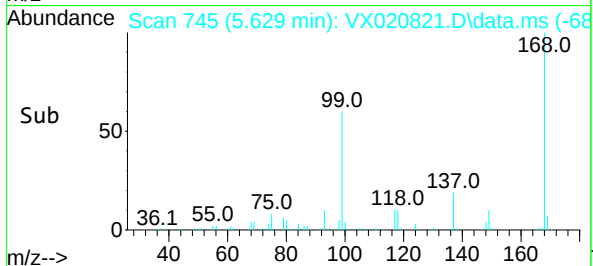


#31
Cyclohexane
Concen: 1.04 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.085 min
Lab File: VX020821.D
Acq: 29 Jan 2021 22:38

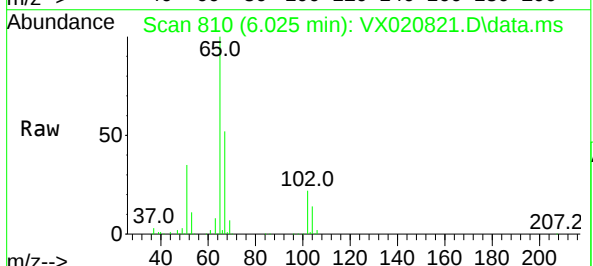
Instrument :
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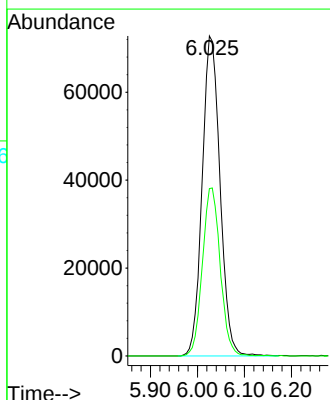
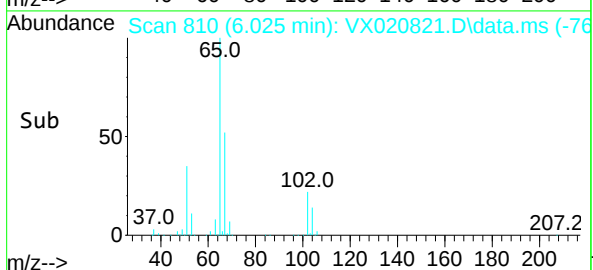
Tgt Ion: 56 Resp: 5413
Ion Ratio Lower Upper
56 100
69 183.0 25.3 37.9#
84 131.2 71.4 107.0#

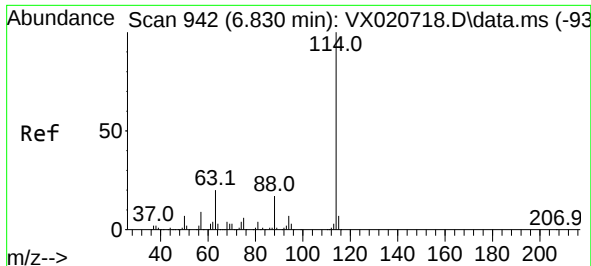


#33
1,2-Dichloroethane-d4
Concen: 49.51 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020821.D
Acq: 29 Jan 2021 22:38



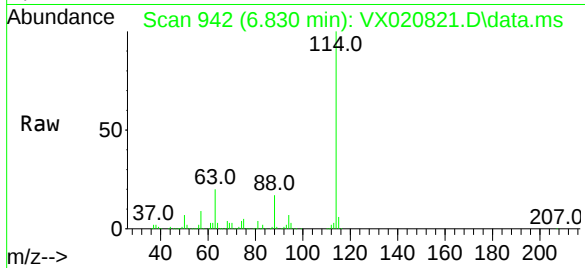
Tgt Ion: 65 Resp: 192024
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.4



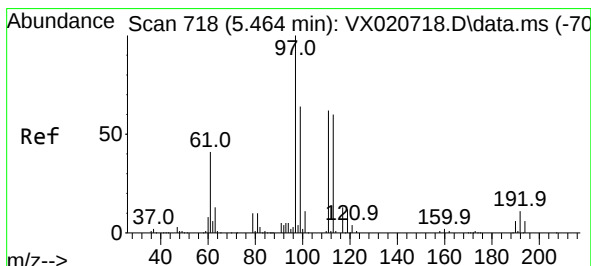
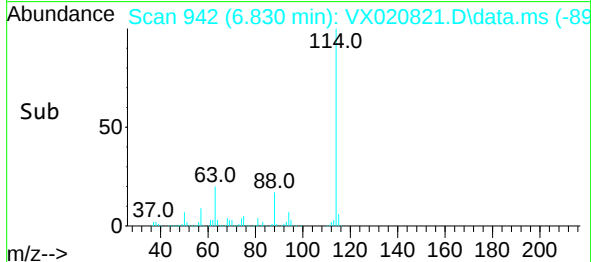
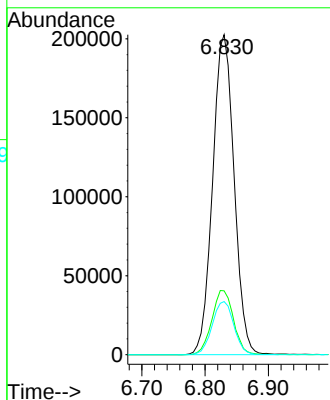


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.000 min
Lab File: VX020821.D
Acq: 29 Jan 2021 22:38

Instrument :
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ClientSampleId :
152140-MW-1D(OFFSITE)

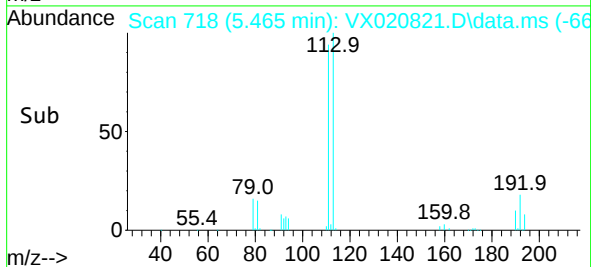
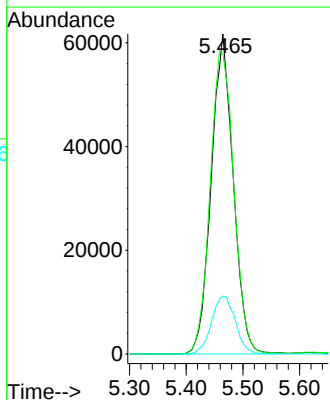
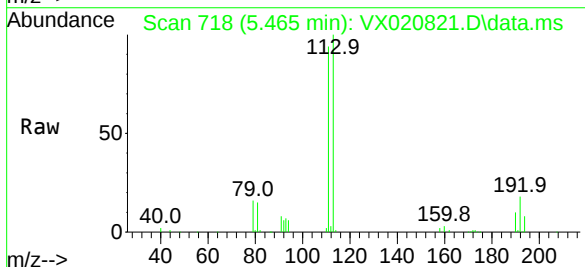


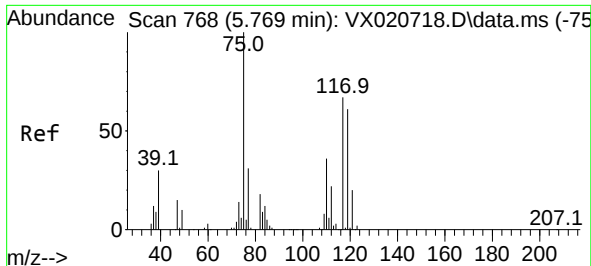
Tgt Ion:114 Resp: 476828
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.8
88 16.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.87 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.001 min
Lab File: VX020821.D
Acq: 29 Jan 2021 22:38

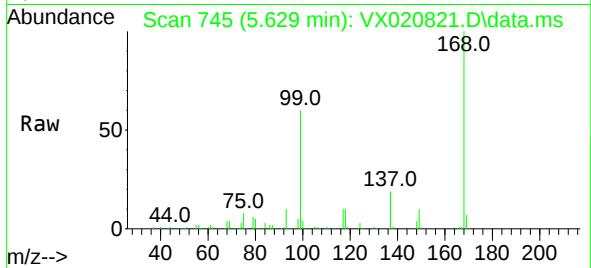
Tgt Ion:113 Resp: 166137
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 19.5 16.7 25.1



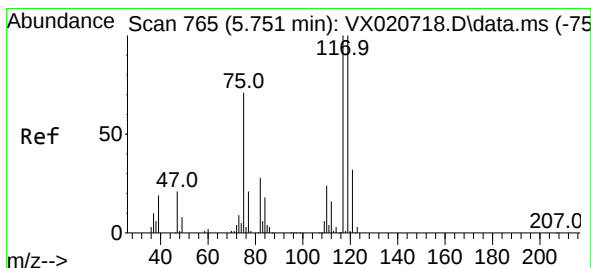
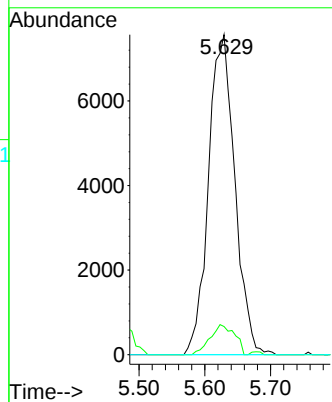
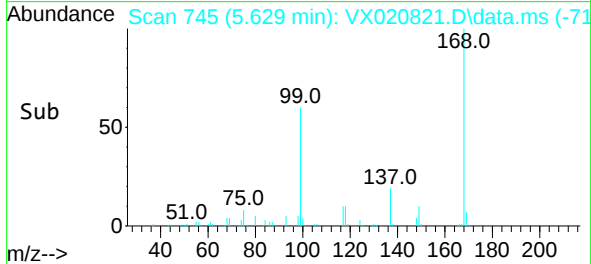


#36
1,1-Dichloropropene
Concen: 4.41 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX020821.D
Acq: 29 Jan 2021 22:38

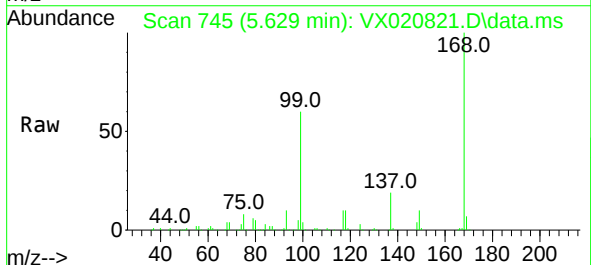
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152140-MW-1D(OFFSITE)



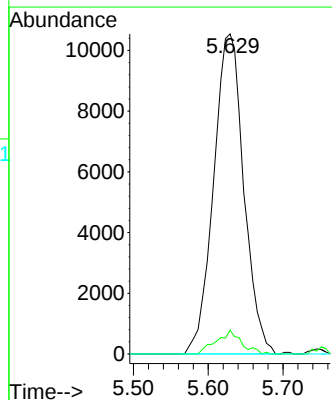
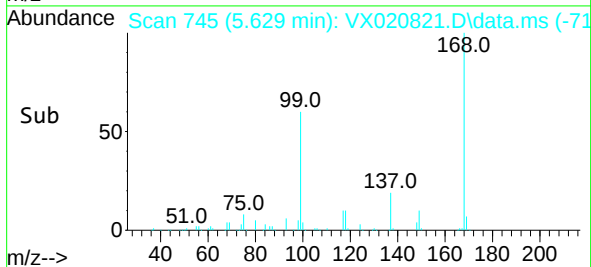
Tgt Ion: 75 Resp: 21102
Ion Ratio Lower Upper
75 100
110 8.8 18.1 54.4#
77 0.0 25.3 37.9#

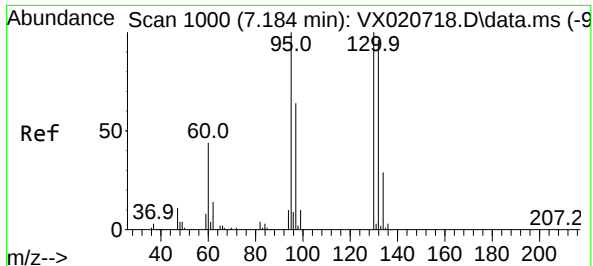


#38
Carbon Tetrachloride
Concen: 5.88 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX020821.D
Acq: 29 Jan 2021 22:38



Tgt Ion: 117 Resp: 29600
Ion Ratio Lower Upper
117 100
119 7.5 76.2 114.2#
121 0.0 24.8 37.2#

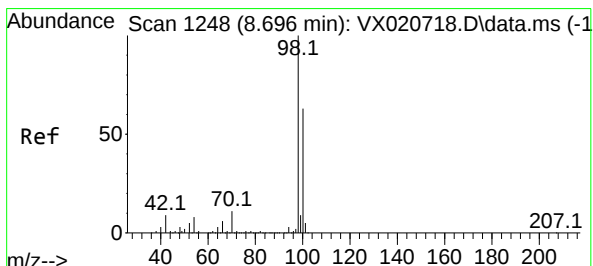
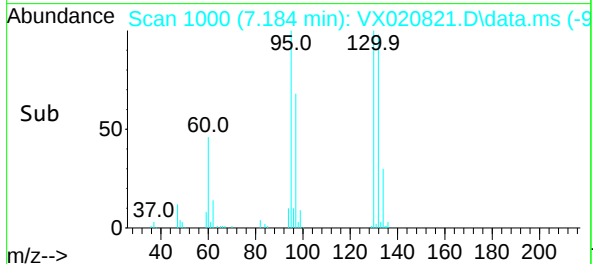
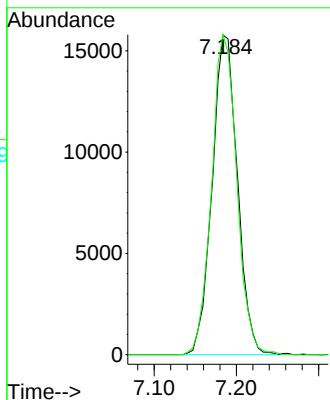
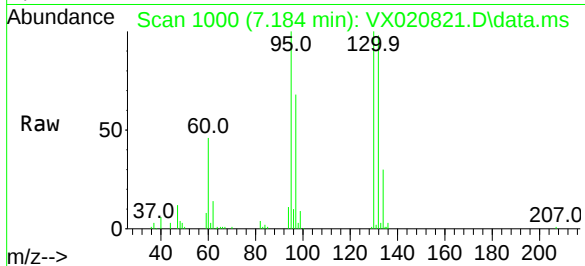




#44
Trichloroethene
Concen: 8.97 ug/l
RT: 7.184 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VX020821.D
Acq: 29 Jan 2021 22:38

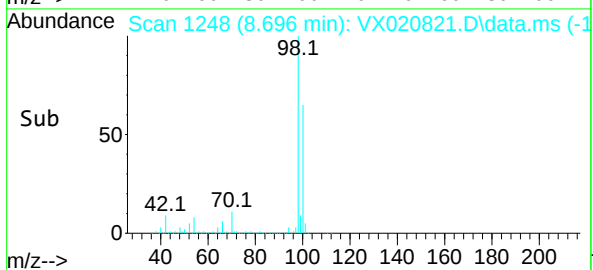
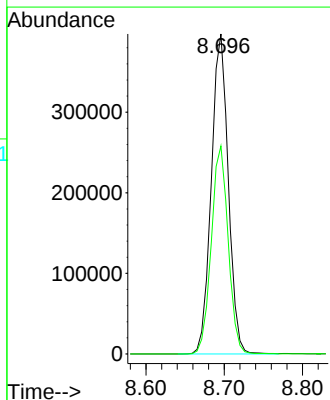
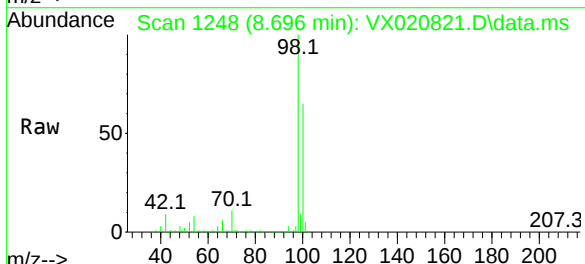
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-1D(OFFSITE)

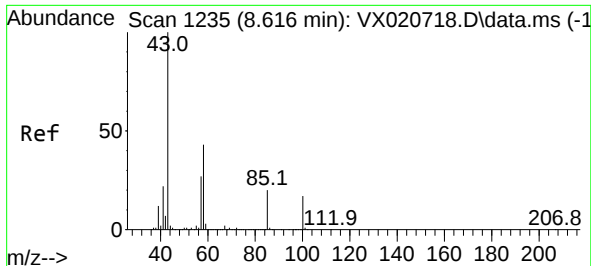
Tgt Ion:130 Resp: 33631
Ion Ratio Lower Upper
130 100
95 100.1 0.0 198.0



#50
Toluene-d8
Concen: 49.86 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020821.D
Acq: 29 Jan 2021 22:38

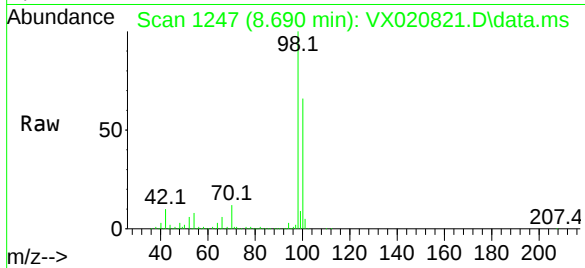
Tgt Ion: 98 Resp: 597067
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



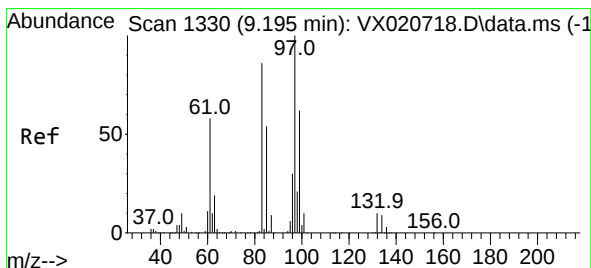
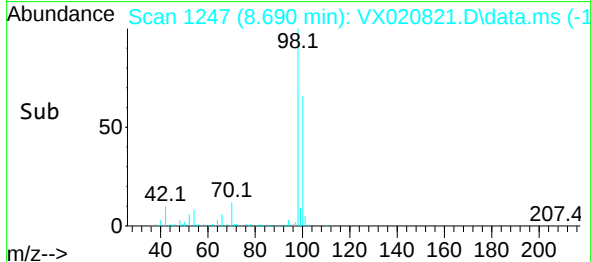
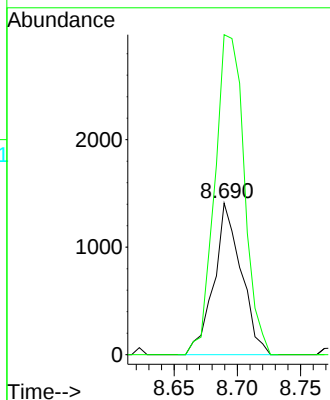


#51
4-Methyl-2-Pentanone
Concen: 0.46 ug/l
RT: 8.690 min Scan# 1247
Delta R.T. 0.074 min
Lab File: VX020821.D
Acq: 29 Jan 2021 22:38

Instrument :
MSVOA_X
ClientSampleId :
152140-MW-1D(OFFSITE)

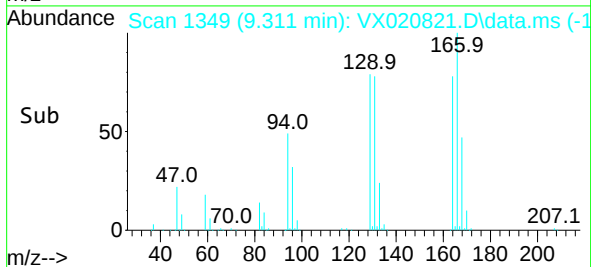
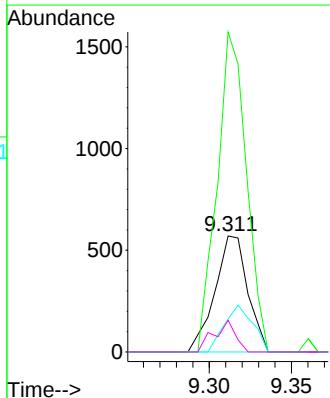
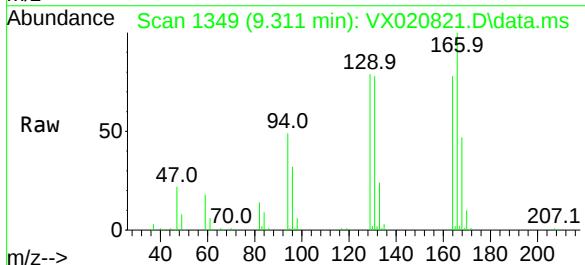


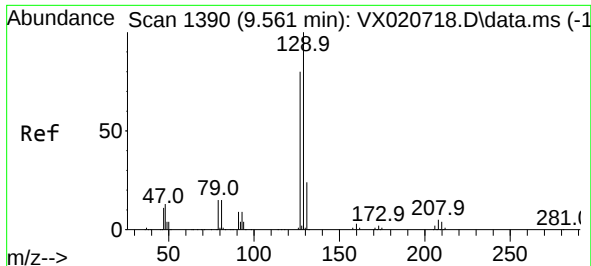
Tgt Ion: 43 Resp: 2115
Ion Ratio Lower Upper
43 100
58 228.1 35.4 53.0#



#55
1,1,2-Trichloroethane
Concen: 0.21 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.116 min
Lab File: VX020821.D
Acq: 29 Jan 2021 22:38

Tgt Ion: 97 Resp: 790
Ion Ratio Lower Upper
97 100
83 276.0 69.3 103.9#
85 28.4 44.3 66.5#
99 27.4 50.3 75.5#

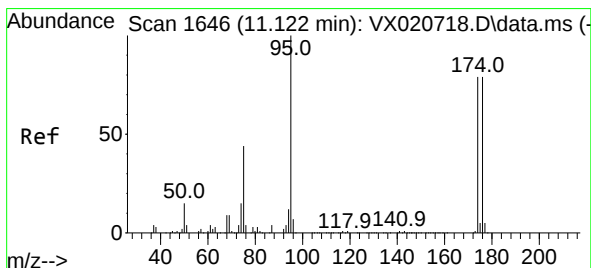
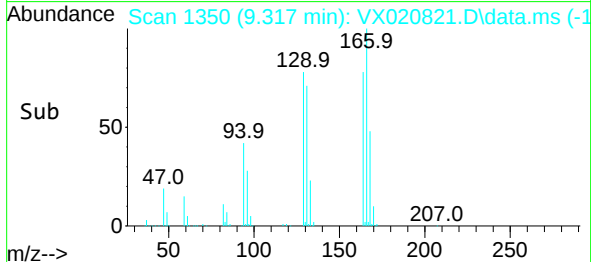
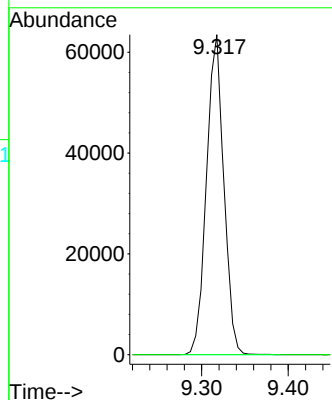
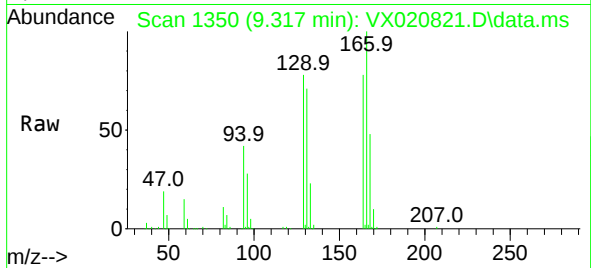




#60
Dibromochloromethane
Concen: 21.68 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. -0.244 min
Lab File: VX020821.D
Acq: 29 Jan 2021 22:38

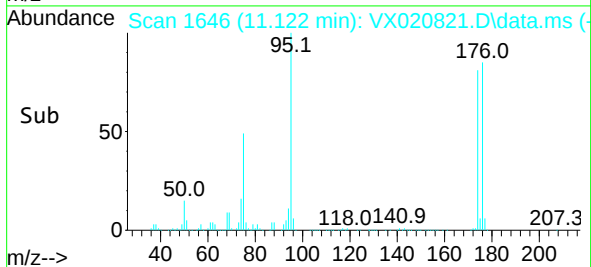
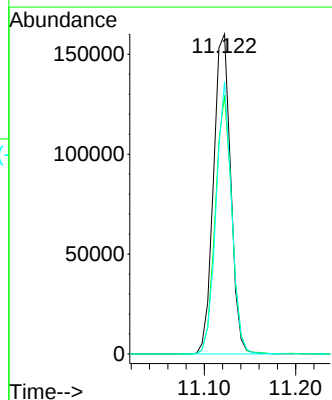
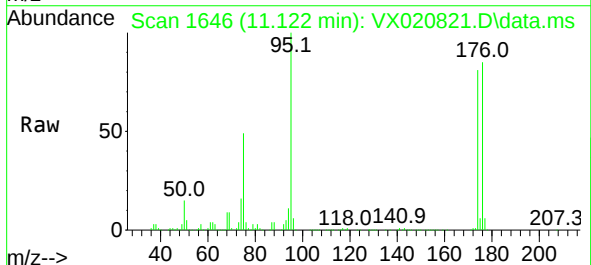
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-1D(OFFSITE)

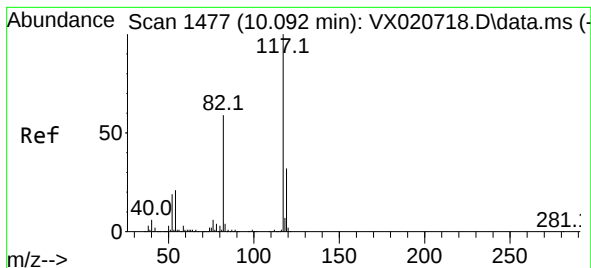
Tgt Ion:129 Resp: 88177
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 44.85 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020821.D
Acq: 29 Jan 2021 22:38

Tgt Ion: 95 Resp: 208541
Ion Ratio Lower Upper
95 100
174 77.9 0.0 154.6
176 77.3 0.0 155.8

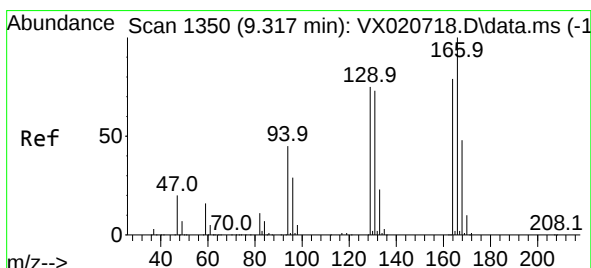
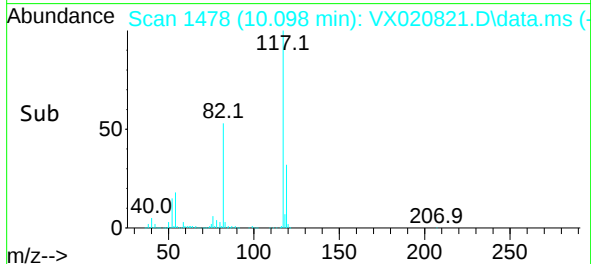
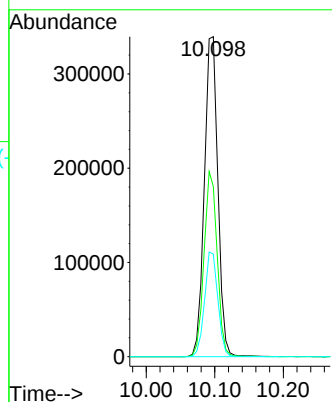
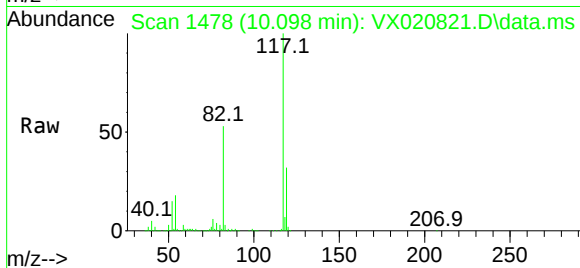




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020821.D
Acq: 29 Jan 2021 22:38

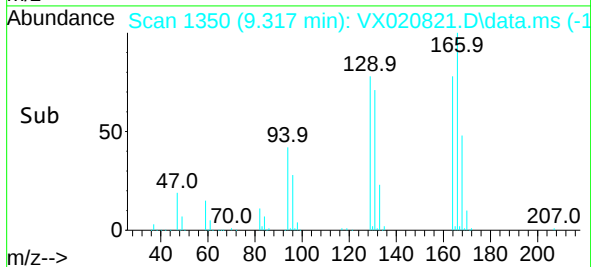
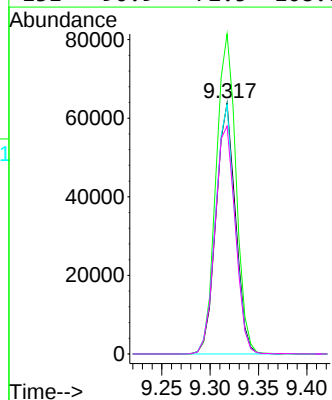
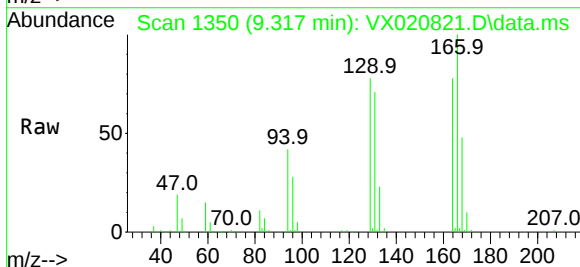
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-1D(OFFSITE)

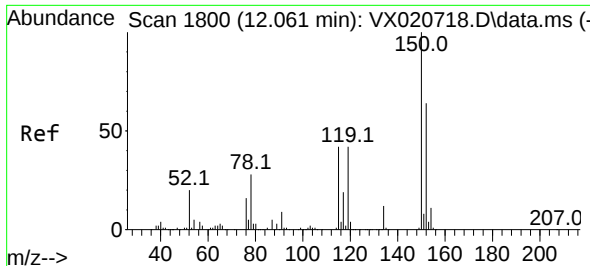
Tgt Ion:117 Resp: 467566
Ion Ratio Lower Upper
117 100
82 53.2 47.4 71.2
119 32.1 26.6 39.8



#64
Tetrachloroethene
Concen: 24.82 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020821.D
Acq: 29 Jan 2021 22:38

Tgt Ion:164 Resp: 88961
Ion Ratio Lower Upper
164 100
166 127.6 103.4 155.2
129 99.4 70.8 106.2
131 90.9 72.5 108.7

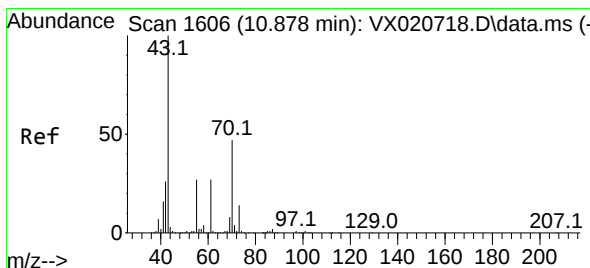
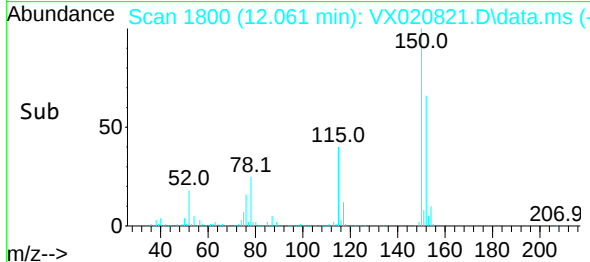
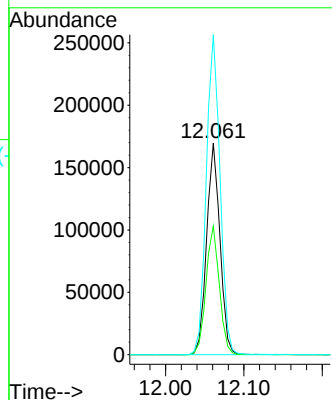
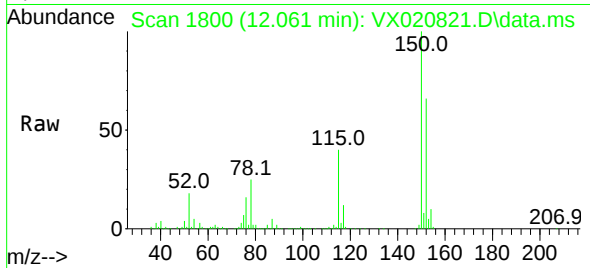




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020821.D
Acq: 29 Jan 2021 22:38

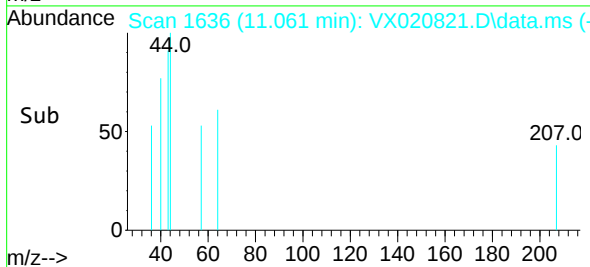
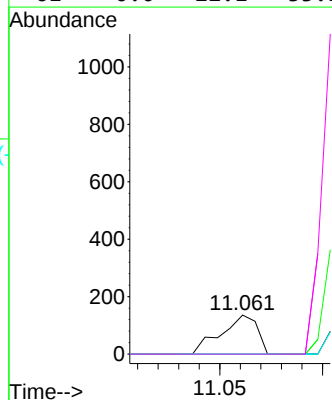
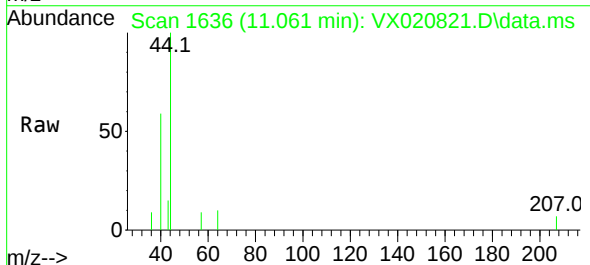
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-1D(OFFSITE)

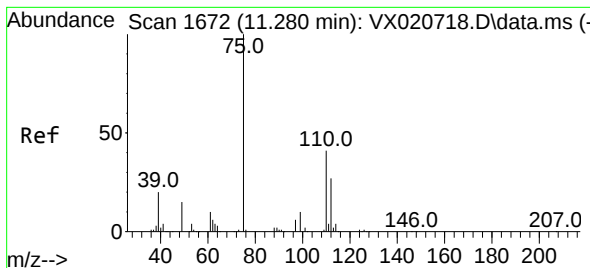
Tgt Ion:152 Resp: 199973
Ion Ratio Lower Upper
152 100
115 60.8 41.1 123.3
150 156.0 0.0 349.0



#74
N-ethyl acetate
Concen: 2.04 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.183 min
Lab File: VX020821.D
Acq: 29 Jan 2021 22:38

Tgt Ion: 43 Resp: 167
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.6#
55 0.0 21.5 32.3#
61 0.0 22.1 33.1#

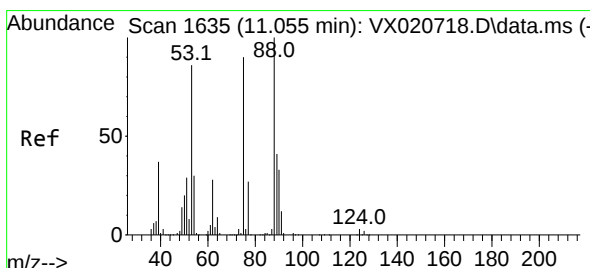
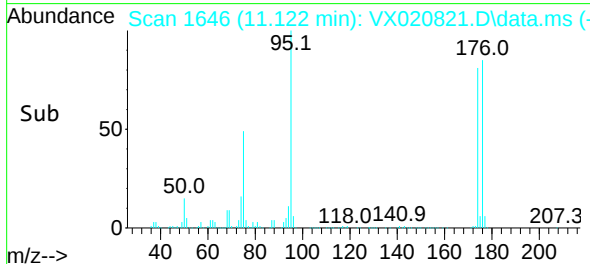
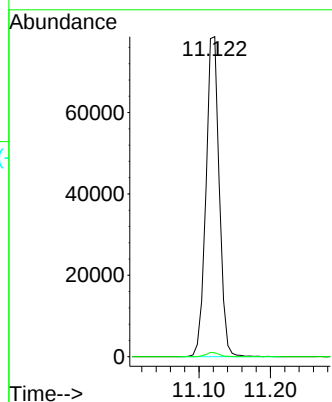
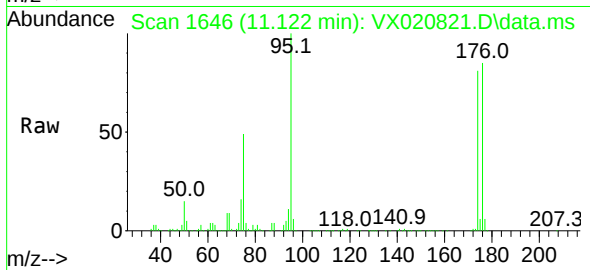




#76
1,2,3-Trichloropropane
Concen: 21.90 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020821.D
Acq: 29 Jan 2021 22:38

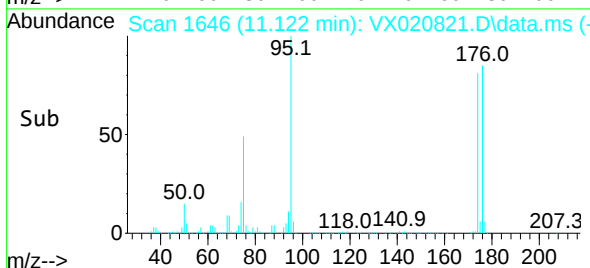
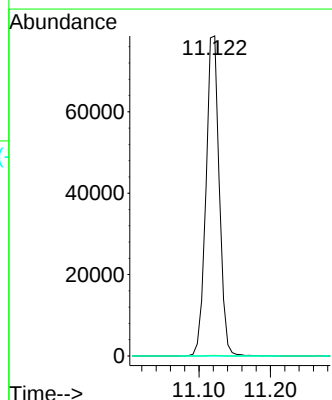
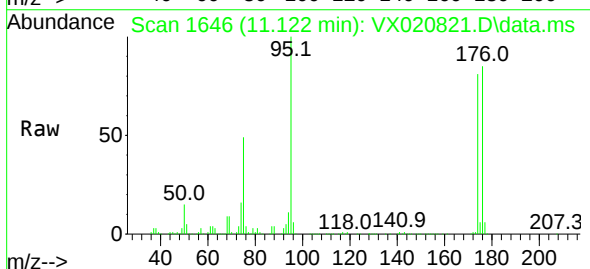
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-1D(OFFSITE)

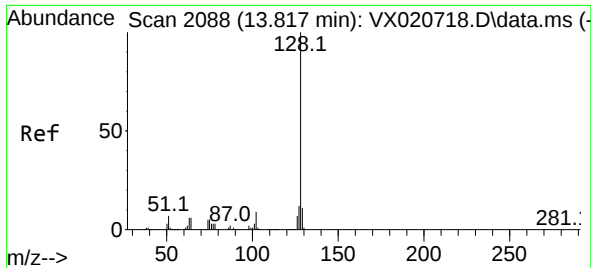
Tgt Ion: 75 Resp: 101584
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.38 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020821.D
Acq: 29 Jan 2021 22:38

Tgt Ion: 75 Resp: 101584
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 2.88 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020821.D
Acq: 29 Jan 2021 22:38

Instrument :
MSVOA_X
ClientSampleId :
152140-MW-1D(OFFSITE)

Tgt Ion:128 Resp: 42
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

