

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012021\
 Data File : VX020679.D
 Acq On : 20 Jan 2021 13:47
 Operator : JC/SP
 Sample : M1178-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWBR3-66-76-011921

Quant Time: Jan 20 16:56:23 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 14:09:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	247884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	428557	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	401431	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	182055	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	167073	48.18	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.36%
35) Dibromofluoromethane	5.464	113	142002	46.96	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.92%
50) Toluene-d8	8.695	98	515340	48.68	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.36%
62) 4-Bromofluorobenzene	11.116	95	194188	49.94	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.88%

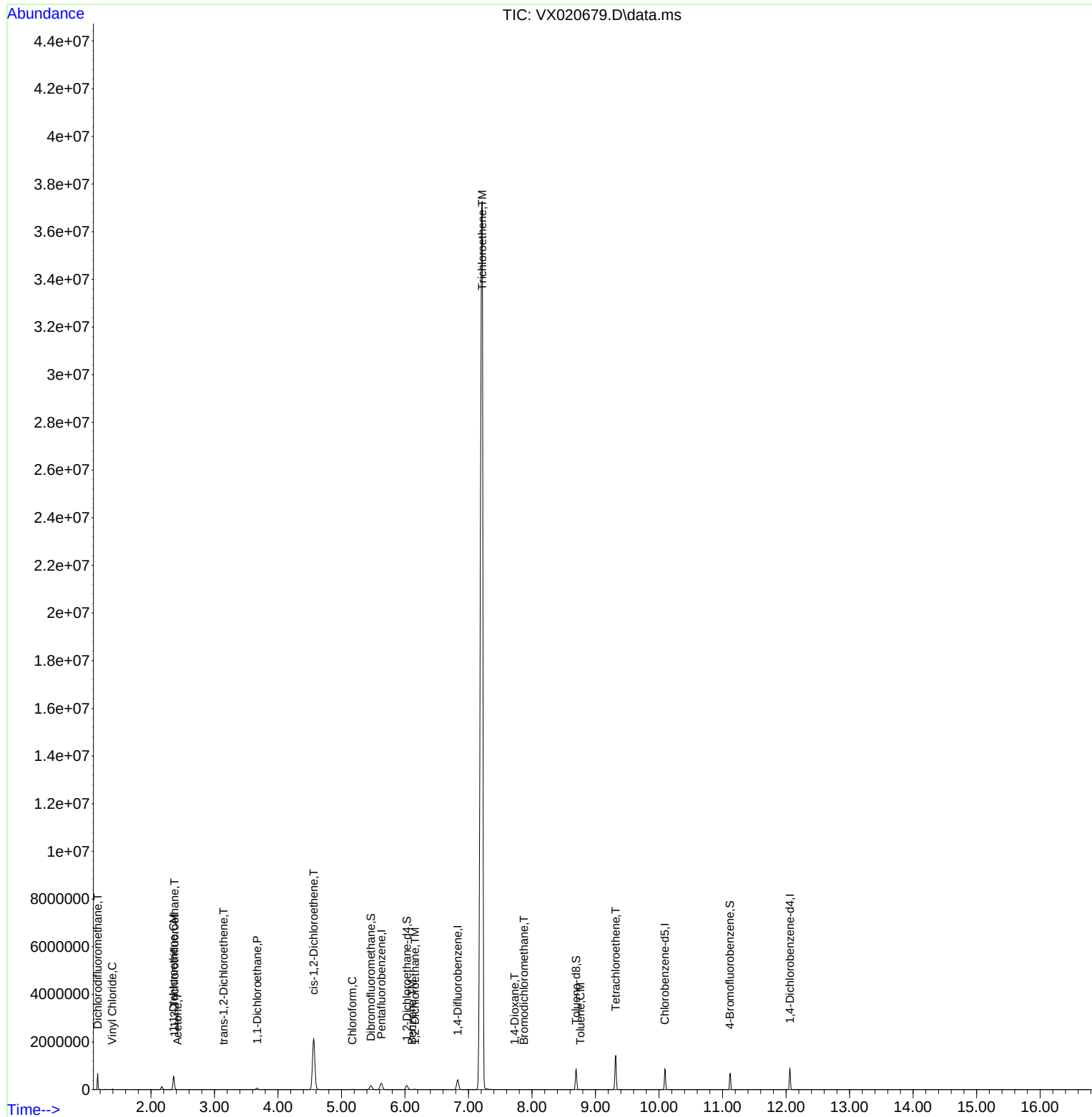
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.160	85	59082	16.17	ug/l	99
4) Vinyl Chloride	1.392	62	14357	4.10	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.367	101	23178	8.46	ug/l	100
12) 1,1-Dichloroethene	2.355	96	173943	65.52	ug/l	98
16) Acetone	2.416	43	2030	1.54	ug/l	98
21) trans-1,2-Dichloroethene	3.142	96	4420	1.50	ug/l	99
24) 1,1-Dichloroethane	3.672	63	69745	13.41	ug/l	100
27) cis-1,2-Dichloroethene	4.562	96	1405157	420.53	ug/l	89
30) Chloroform	5.172	83	14876	2.69	ug/l	99
40) Benzene	6.111	78	8656	0.68	ug/l	92
42) 1,2-Dichloroethane	6.159	62	18368	3.87	ug/l	100
44) Trichloroethene	7.214	130	17753760	5154.09	ug/l	99
47) Bromodichloromethane	7.872	83	4248	0.92	ug/l	99
49) 1,4-Dioxane	7.726	88	1082	15.59	ug/l	96
52) Toluene	8.763	92	1821	0.23	ug/l	96
64) Tetrachloroethene	9.317	164	277266	86.72	ug/l	94

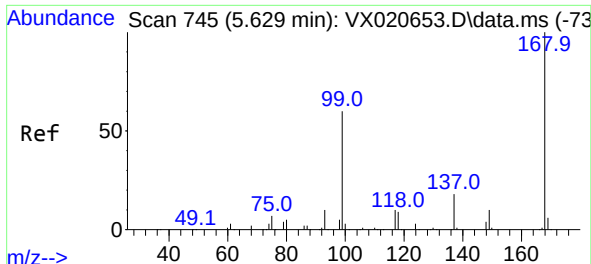
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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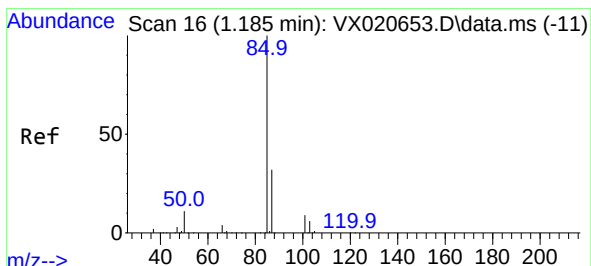
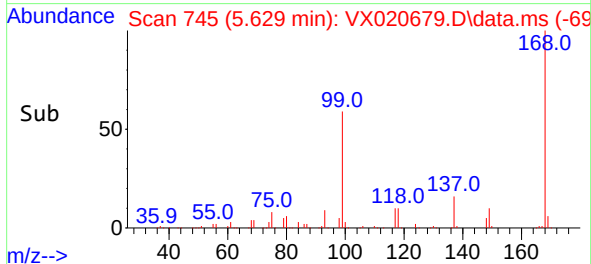
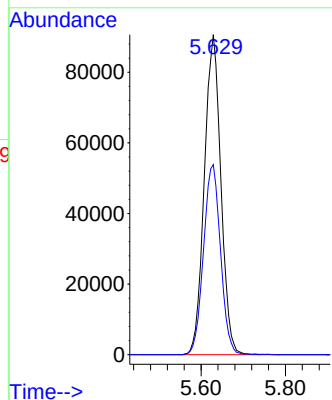
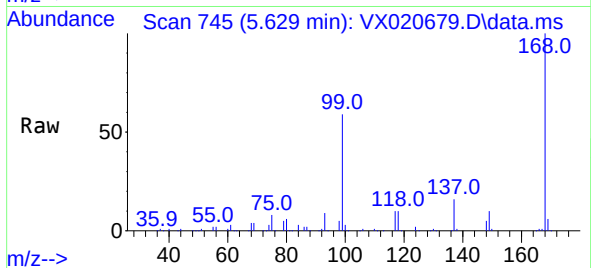




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX020679.D
Acq: 20 Jan 2021 13:47

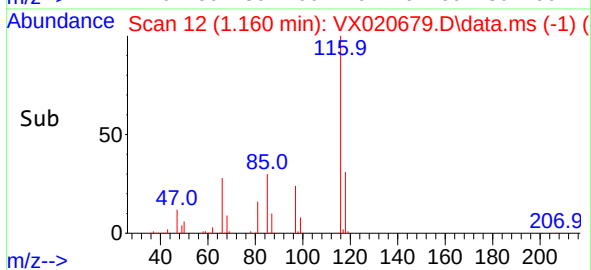
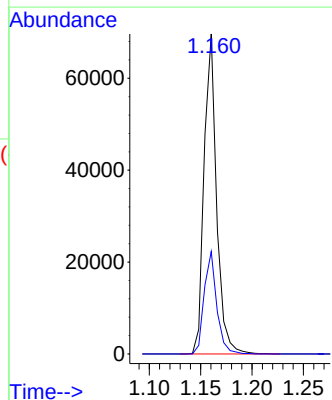
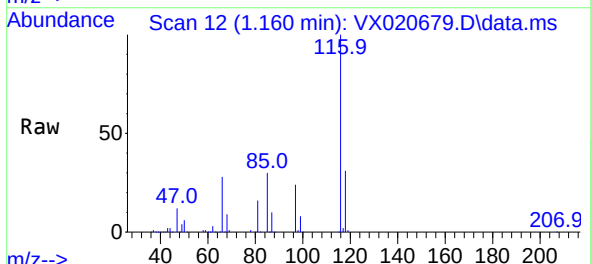
Instrument :
MSVOA_X
ClientSampleId :
GWBR3-66-76-011921

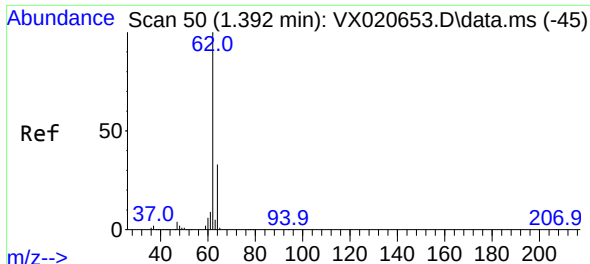
Tgt Ion:168 Resp: 247884
Ion Ratio Lower Upper
168 100
99 59.4 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 16.17 ug/l
RT: 1.160 min Scan# 12
Delta R.T. -0.025 min
Lab File: VX020679.D
Acq: 20 Jan 2021 13:47

Tgt Ion: 85 Resp: 59082
Ion Ratio Lower Upper
85 100
87 32.0 16.4 49.2

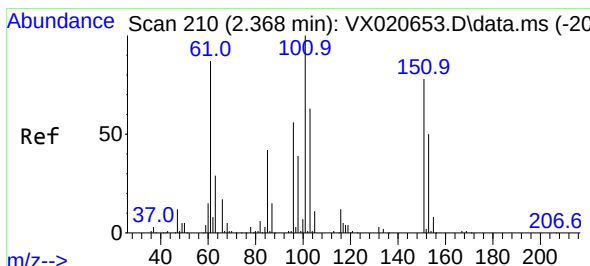
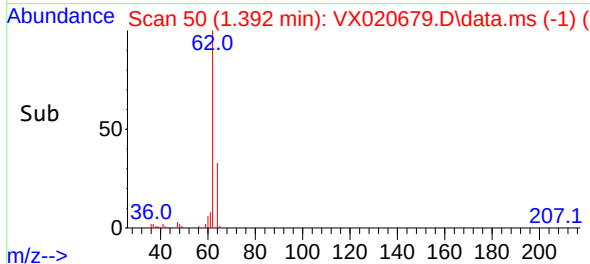
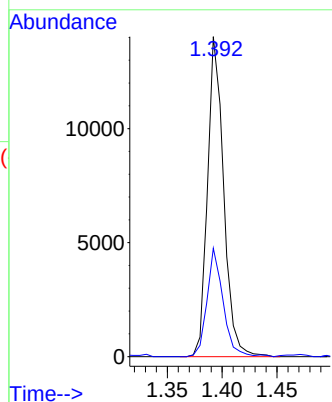
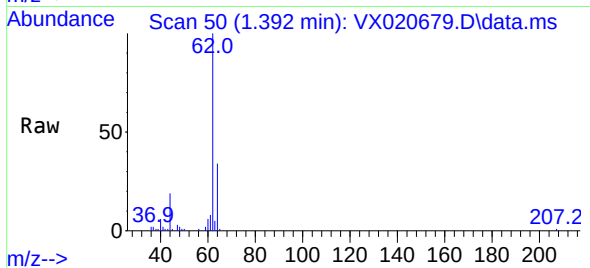




#4
 Vinyl Chloride
 Concen: 4.10 ug/l
 RT: 1.392 min Scan# 50
 Delta R.T. -0.000 min
 Lab File: VX020679.D
 Acq: 20 Jan 2021 13:47

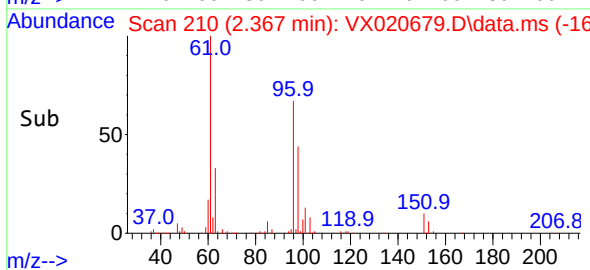
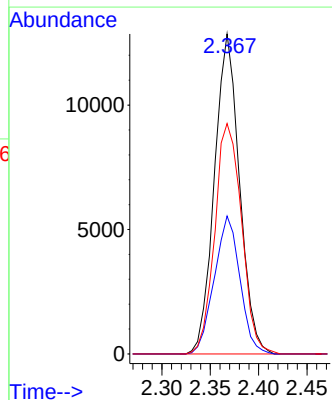
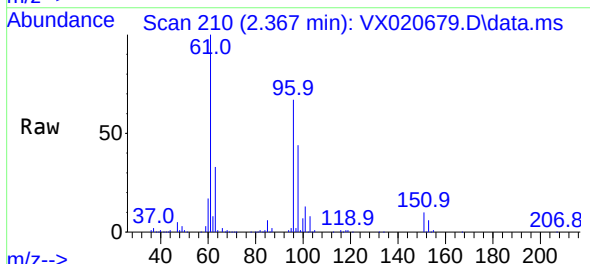
Instrument :
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 ClientSampleId :
 GWBR3-66-76-011921

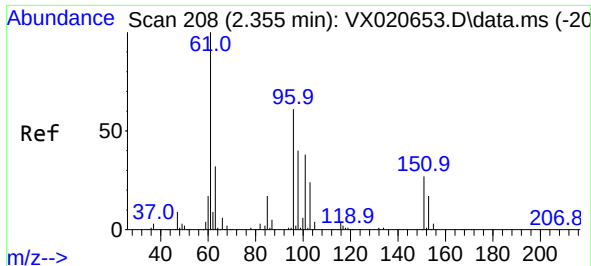
Tgt Ion: 62 Resp: 14357
 Ion Ratio Lower Upper
 62 100
 64 33.9 25.7 38.5



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.46 ug/l
 RT: 2.367 min Scan# 210
 Delta R.T. -0.001 min
 Lab File: VX020679.D
 Acq: 20 Jan 2021 13:47

Tgt Ion: 101 Resp: 23178
 Ion Ratio Lower Upper
 101 100
 85 44.0 34.9 52.3
 151 77.0 61.4 92.2

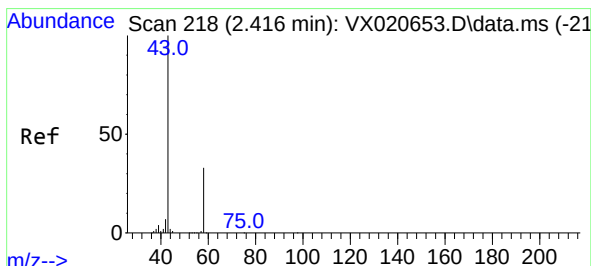
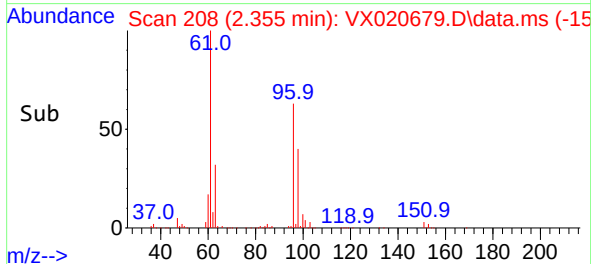
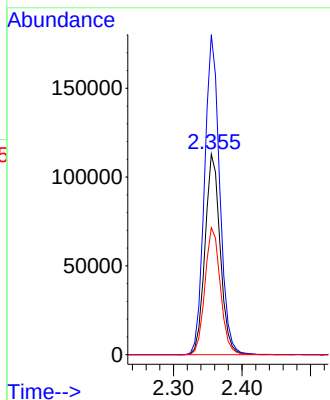
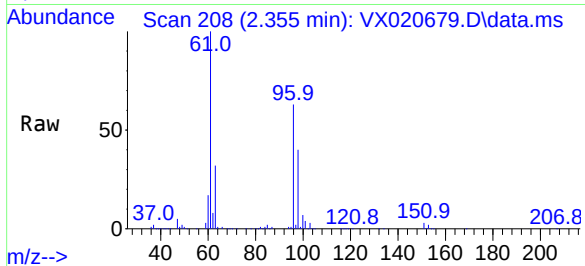




#12
1,1-Dichloroethene
Concen: 65.52 ug/l
RT: 2.355 min Scan# 208
Delta R.T. 0.000 min
Lab File: VX020679.D
Acq: 20 Jan 2021 13:47

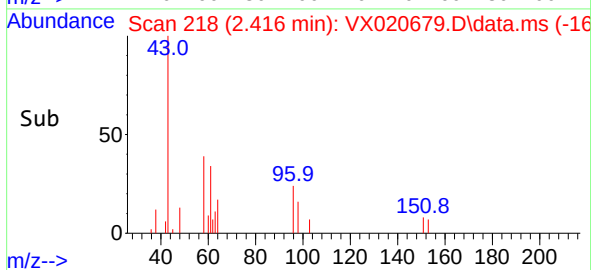
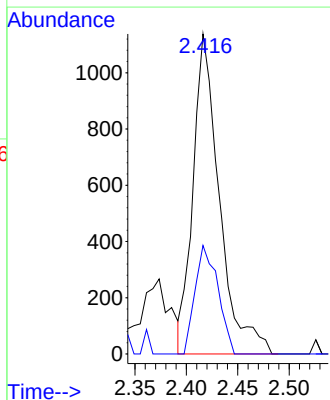
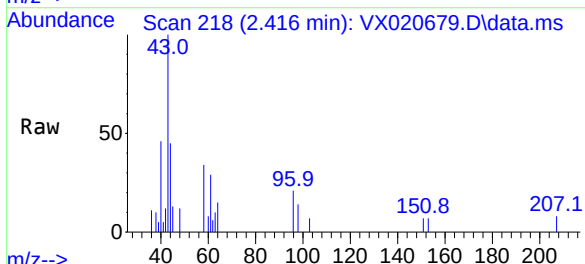
Instrument :
MSVOA_X
ClientSampleId :
GWBR3-66-76-011921

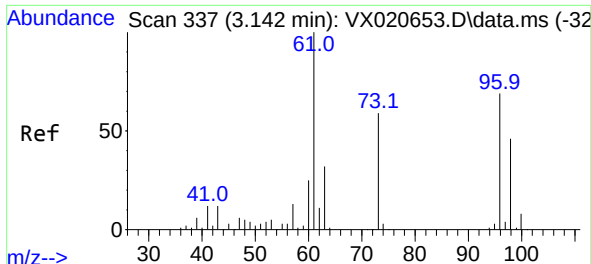
Tgt Ion: 96 Resp: 173943
Ion Ratio Lower Upper
96 100
61 159.5 124.6 187.0
98 63.3 50.6 76.0



#16
Acetone
Concen: 1.54 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020679.D
Acq: 20 Jan 2021 13:47

Tgt Ion: 43 Resp: 2030
Ion Ratio Lower Upper
43 100
58 33.9 27.8 41.8

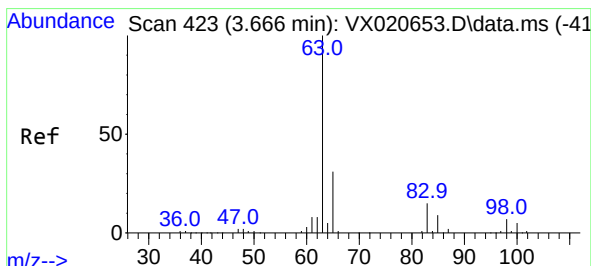
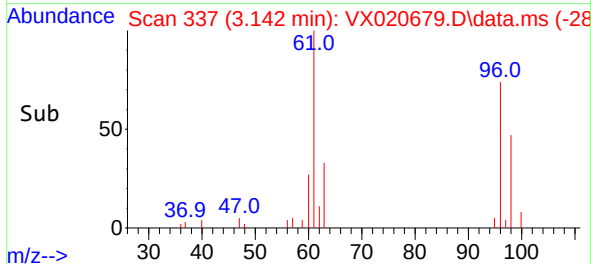
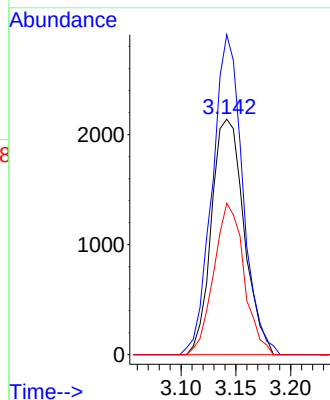
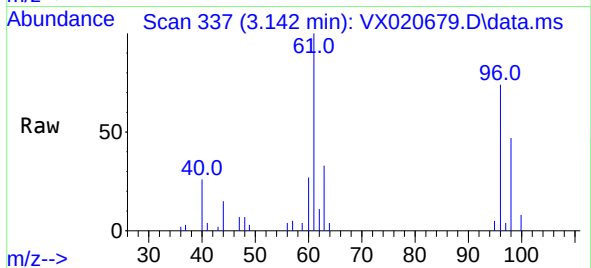




#21
trans-1,2-Dichloroethene
Concen: 1.50 ug/l
RT: 3.142 min Scan# 337
Delta R.T. -0.000 min
Lab File: VX020679.D
Acq: 20 Jan 2021 13:47

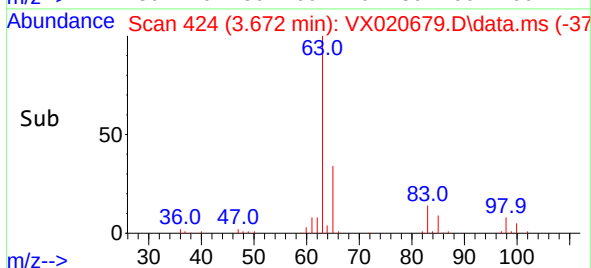
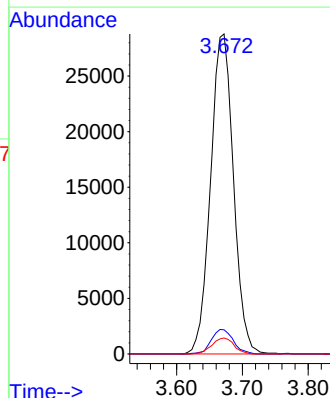
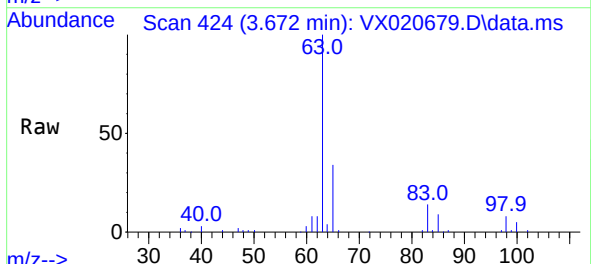
Instrument :
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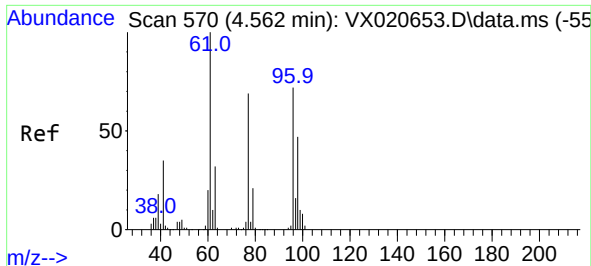
Tgt Ion: 96 Resp: 4420
Ion Ratio Lower Upper
96 100
61 135.9 107.7 161.5
98 64.3 50.4 75.6



#24
1,1-Dichloroethane
Concen: 13.41 ug/l
RT: 3.672 min Scan# 424
Delta R.T. 0.006 min
Lab File: VX020679.D
Acq: 20 Jan 2021 13:47

Tgt Ion: 63 Resp: 69745
Ion Ratio Lower Upper
63 100
98 7.6 3.8 11.2
100 5.0 2.5 7.5



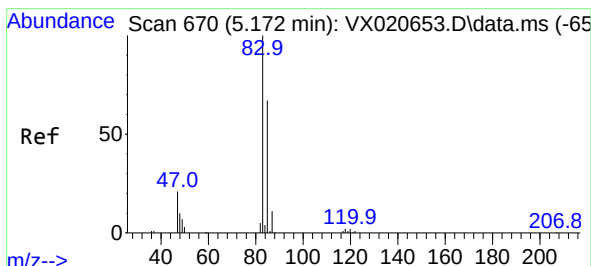
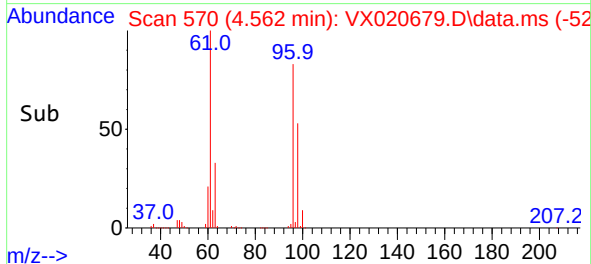
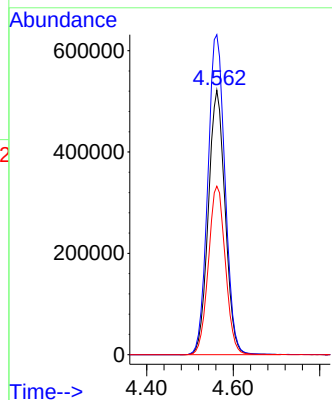
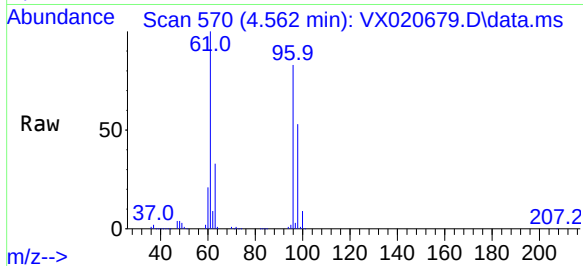


#27
cis-1,2-Dichloroethene
Concen: 420.53 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX020679.D
Acq: 20 Jan 2021 13:47

Instrument :
MSVOA_X
ClientSampleId :
GWBR3-66-76-011921

Tgt Ion: 96 Resp: 1405157

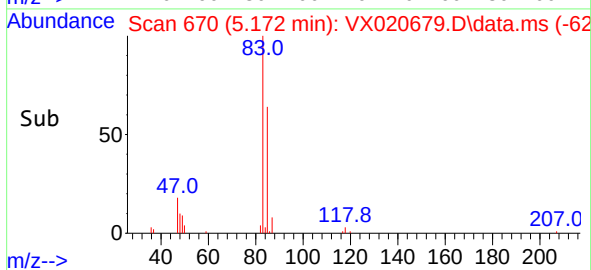
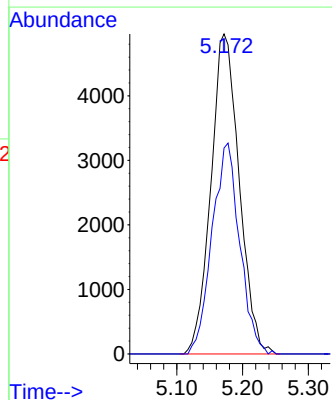
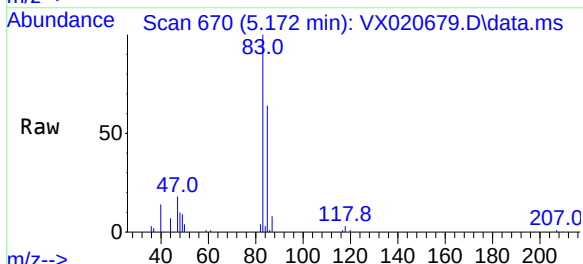
Ion	Ratio	Lower	Upper
96	100		
61	123.9	0.0	285.6
98	64.4	0.0	129.6

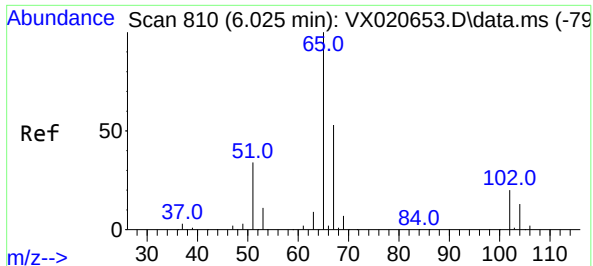


#30
Chloroform
Concen: 2.69 ug/l
RT: 5.172 min Scan# 670
Delta R.T. -0.000 min
Lab File: VX020679.D
Acq: 20 Jan 2021 13:47

Tgt Ion: 83 Resp: 14876

Ion	Ratio	Lower	Upper
83	100		
85	64.3	52.0	78.0





#33

1,2-Dichloroethane-d4

Concen: 48.18 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020679.D

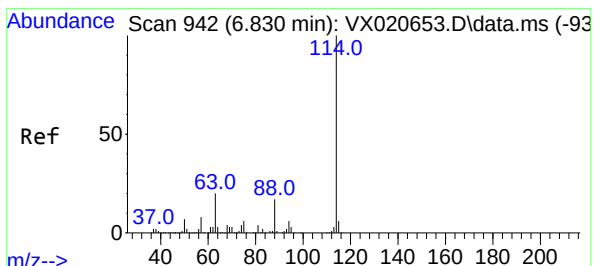
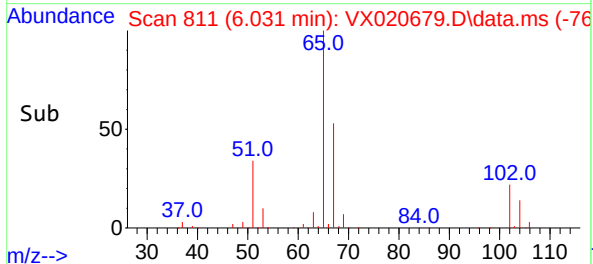
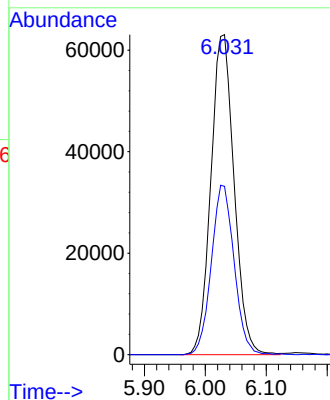
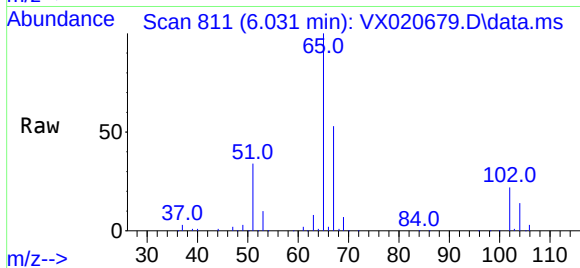
Acq: 20 Jan 2021 13:47

Tgt Ion: 65 Resp: 167073

Ion Ratio Lower Upper

65 100

67 52.1 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: VX020679.D

Acq: 20 Jan 2021 13:47

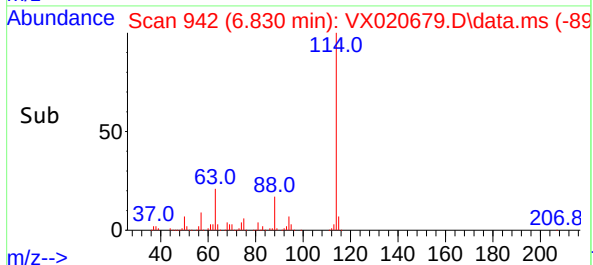
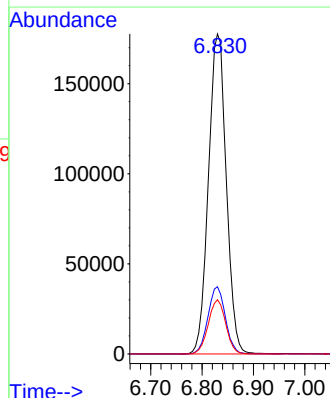
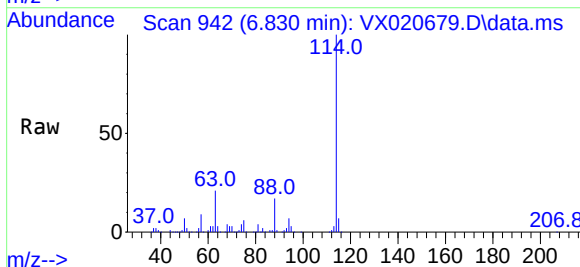
Tgt Ion: 114 Resp: 428557

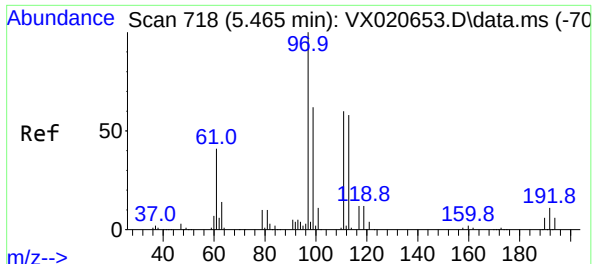
Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.8

88 17.0 0.0 32.8

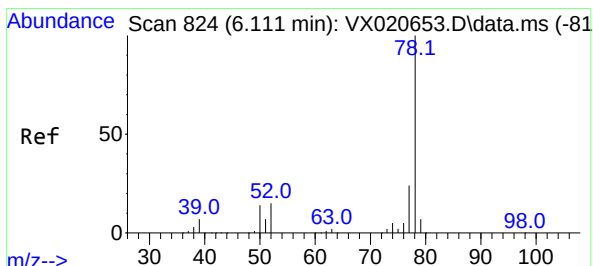
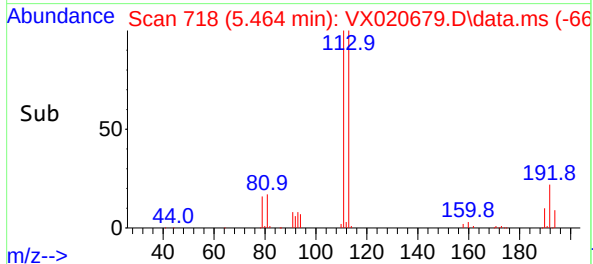
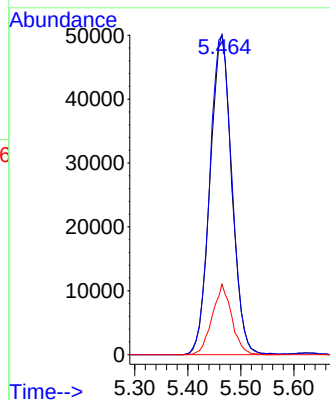
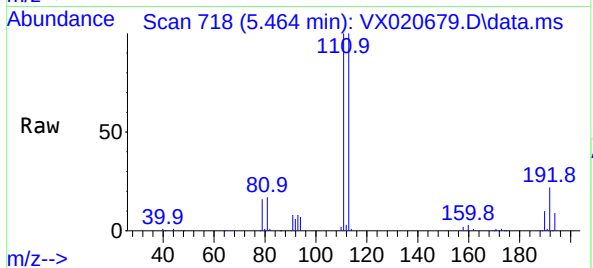




#35
Dibromofluoromethane
Concen: 46.96 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.001 min
Lab File: VX020679.D
Acq: 20 Jan 2021 13:47

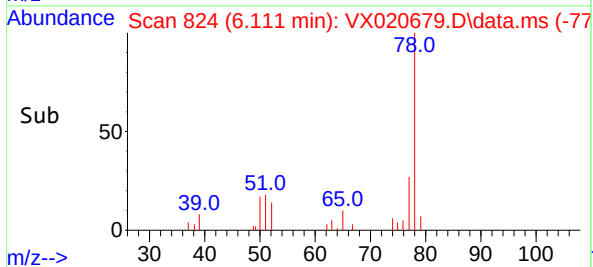
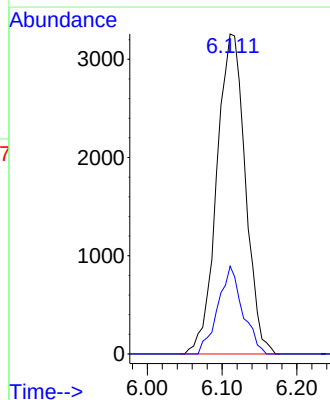
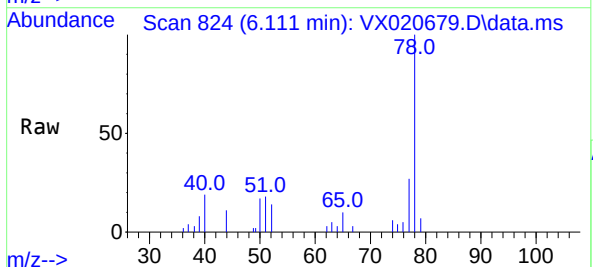
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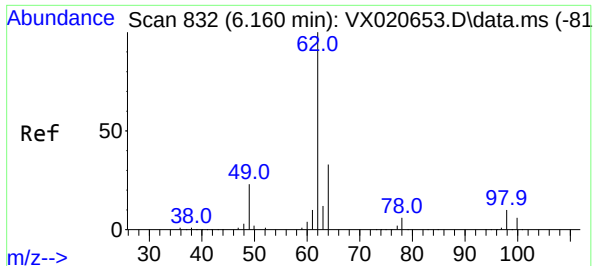
Tgt Ion:113 Resp: 142002
Ion Ratio Lower Upper
113 100
111 101.7 81.9 122.9
192 19.7 16.7 25.1



#40
Benzene
Concen: 0.68 ug/l
RT: 6.111 min Scan# 824
Delta R.T. -0.000 min
Lab File: VX020679.D
Acq: 20 Jan 2021 13:47

Tgt Ion: 78 Resp: 8656
Ion Ratio Lower Upper
78 100
77 27.4 18.9 28.3



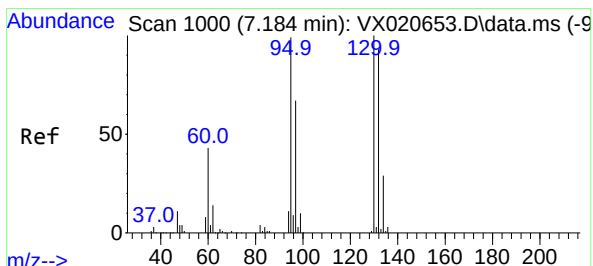
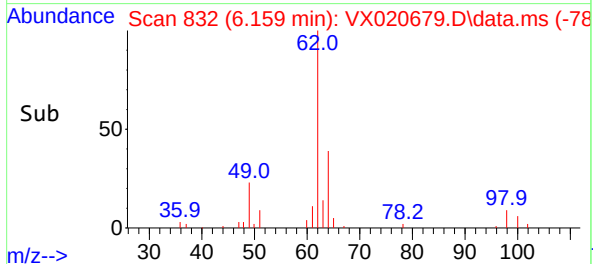
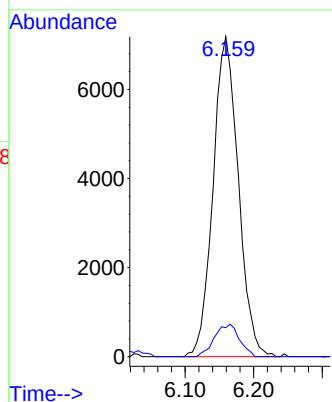
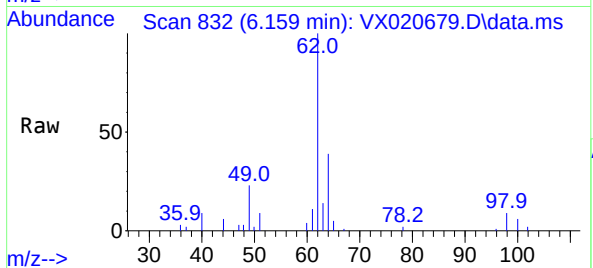


#42

1,2-Dichloroethane
Concen: 3.87 ug/l
RT: 6.159 min Scan# 832
Delta R.T. -0.001 min
Lab File: VX020679.D
Acq: 20 Jan 2021 13:47

Instrument :
MSVOA_X
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GWBR3-66-76-011921

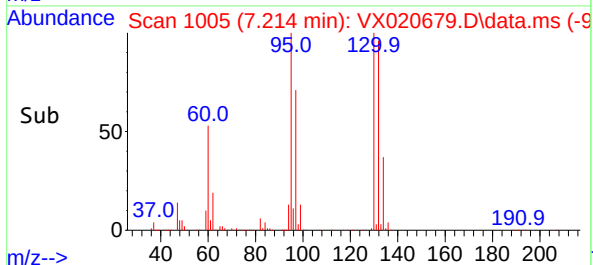
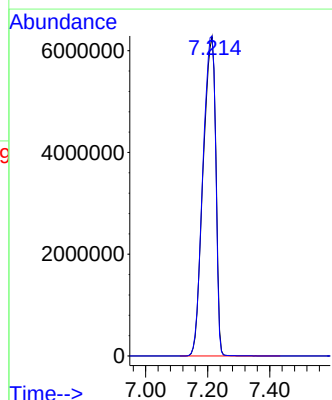
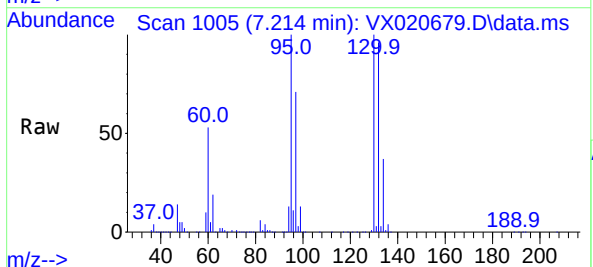
Tgt Ion: 62 Resp: 18368
Ion Ratio Lower Upper
62 100
98 10.0 0.0 20.2

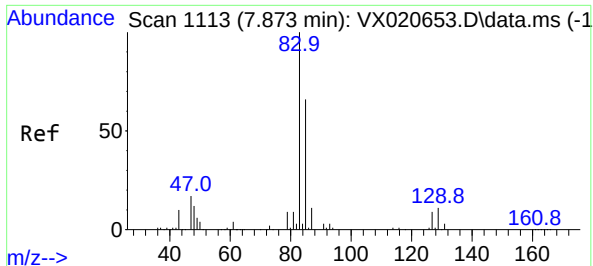


#44

Trichloroethene
Concen: 5154.09 ug/l
RT: 7.214 min Scan# 1005
Delta R.T. 0.030 min
Lab File: VX020679.D
Acq: 20 Jan 2021 13:47

Tgt Ion:130 Resp:17753760
Ion Ratio Lower Upper
130 100
95 100.3 0.0 198.0

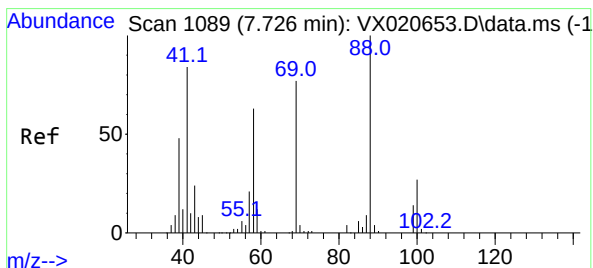
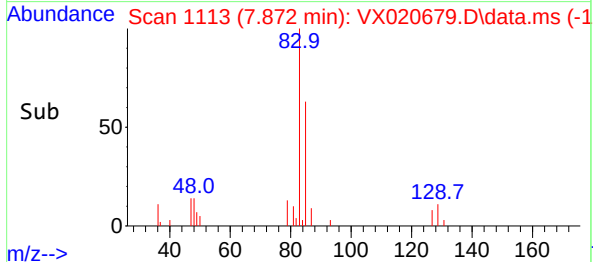
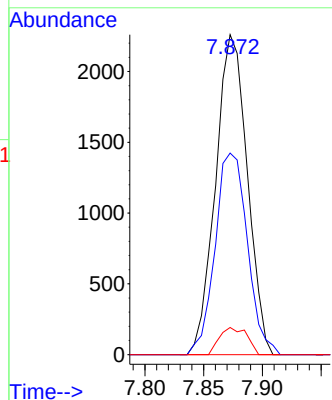
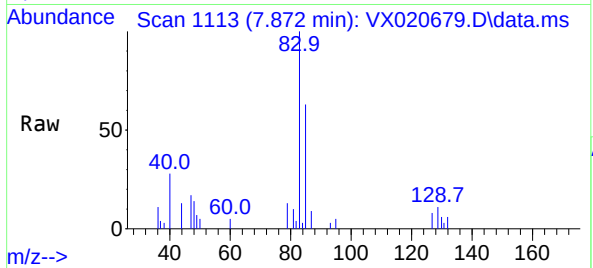




#47
Bromodichloromethane
Concen: 0.92 ug/l
RT: 7.872 min Scan# 1113
Delta R.T. -0.001 min
Lab File: VX020679.D
Acq: 20 Jan 2021 13:47

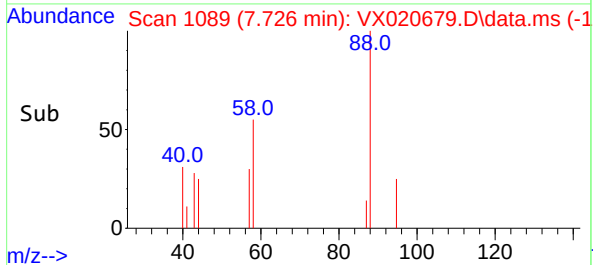
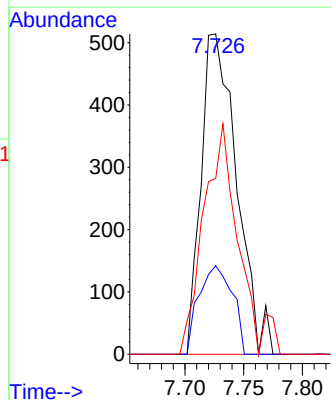
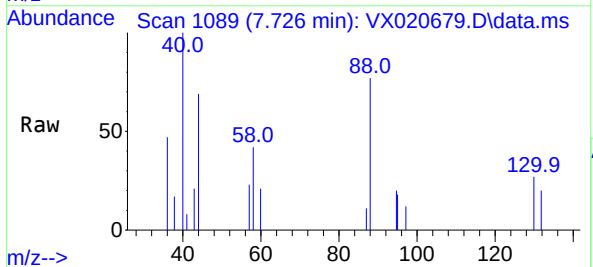
Instrument :
MSVOA_X
ClientSampleId :
GWBR3-66-76-011921

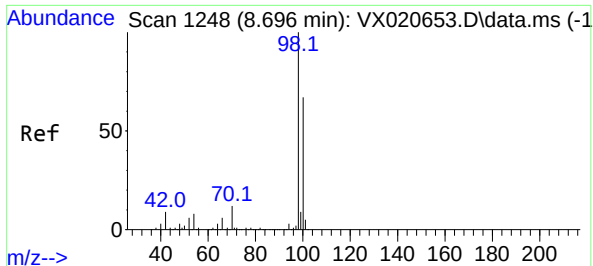
Tgt Ion:	83	Resp:	4248
Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.4	77.0
127	8.5	6.8	10.2



#49
1,4-Dioxane
Concen: 15.59 ug/l
RT: 7.726 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VX020679.D
Acq: 20 Jan 2021 13:47

Tgt Ion:	88	Resp:	1082
Ion	Ratio	Lower	Upper
88	100		
43	26.0	23.2	34.8
58	66.5	55.0	82.4





#50

Toluene-d8

Concen: 48.68 ug/l

RT: 8.695 min Scan# 1248

Delta R.T. -0.001 min

Lab File: VX020679.D

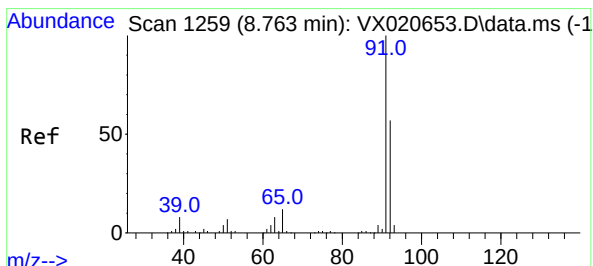
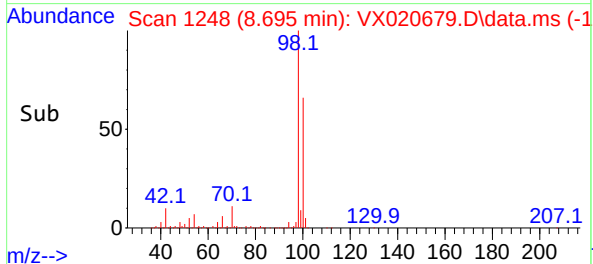
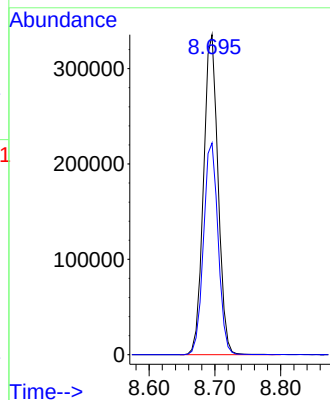
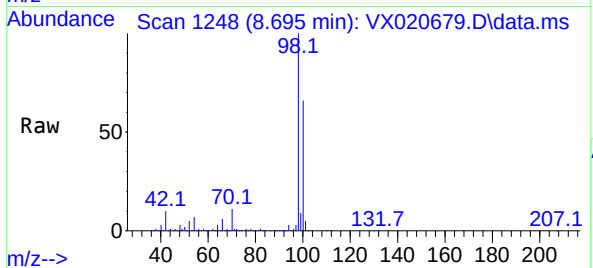
Acq: 20 Jan 2021 13:47

Tgt Ion: 98 Resp: 515340

Ion Ratio Lower Upper

98 100

100 66.4 51.9 77.9



#52

Toluene

Concen: 0.23 ug/l

RT: 8.763 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VX020679.D

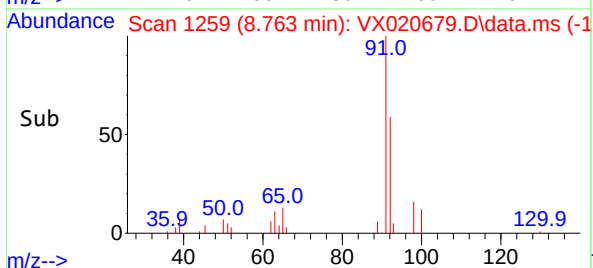
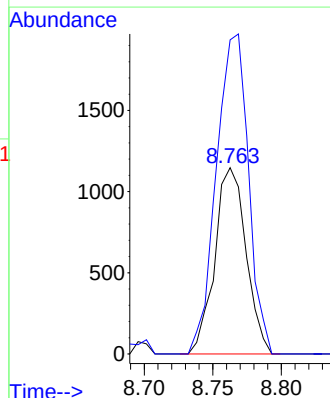
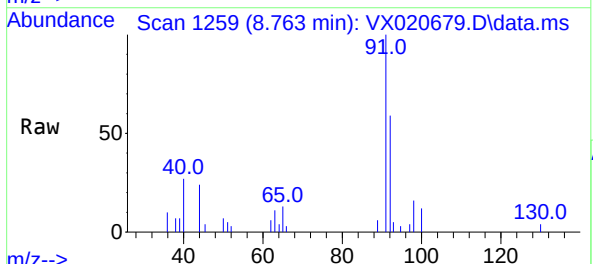
Acq: 20 Jan 2021 13:47

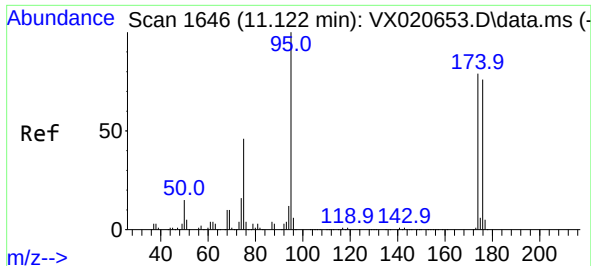
Tgt Ion: 92 Resp: 1821

Ion Ratio Lower Upper

92 100

91 176.8 137.1 205.7

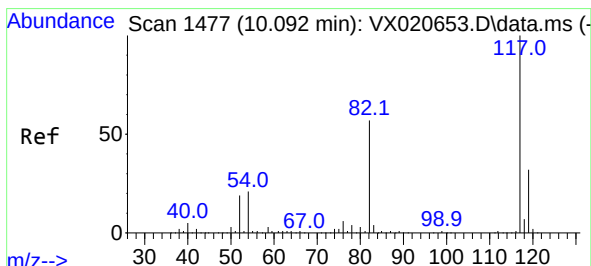
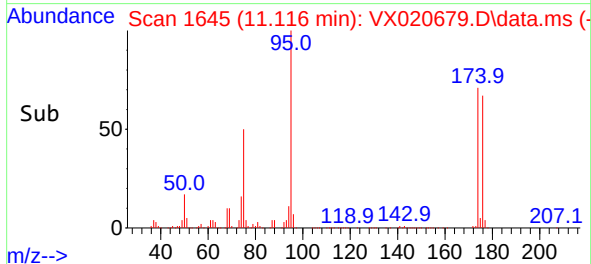
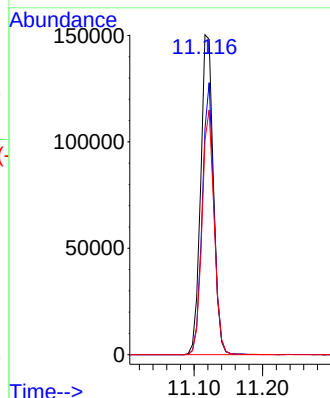
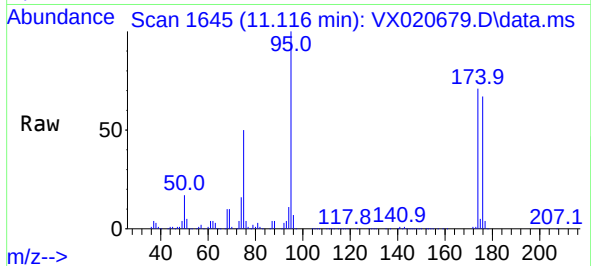




#62
4-Bromofluorobenzene
Concen: 49.94 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.006 min
Lab File: VX020679.D
Acq: 20 Jan 2021 13:47

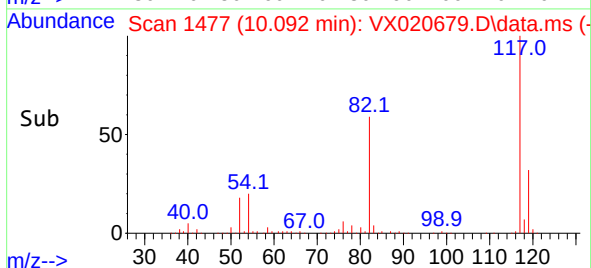
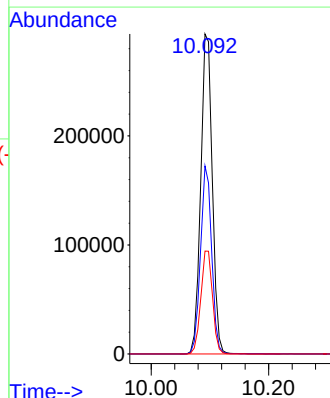
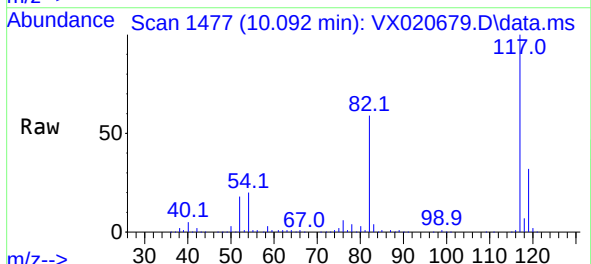
Instrument :
MSVOA_X
ClientSampleId :
GWBR3-66-76-011921

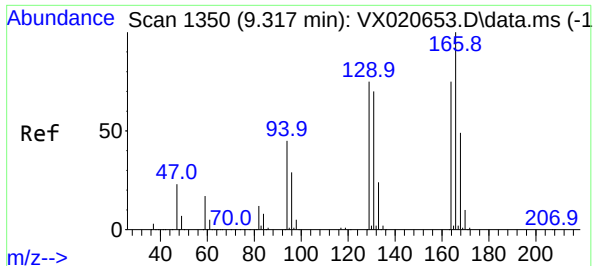
Tgt Ion: 95 Resp: 194188
Ion Ratio Lower Upper
95 100
174 78.4 0.0 154.6
176 73.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020679.D
Acq: 20 Jan 2021 13:47

Tgt Ion: 117 Resp: 401431
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.2
119 32.2 26.6 39.8

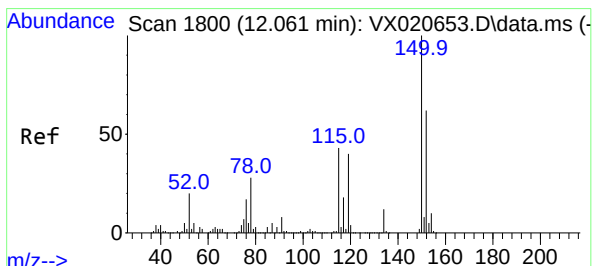
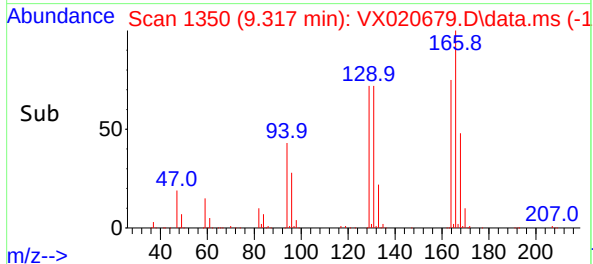
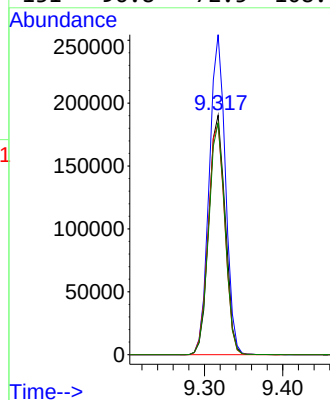
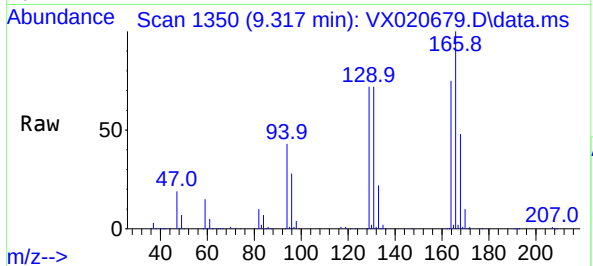




#64
Tetrachloroethene
Concen: 86.72 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020679.D
Acq: 20 Jan 2021 13:47

Instrument :
MSVOA_X
ClientSampleId :
GWBR3-66-76-011921

Tgt Ion:164 Resp: 277266
Ion Ratio Lower Upper
164 100
166 133.7 103.4 155.2
129 96.6 70.8 106.2
131 96.8 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: VX020679.D
Acq: 20 Jan 2021 13:47

Tgt Ion:152 Resp: 182055
Ion Ratio Lower Upper
152 100
115 61.8 41.1 123.3
150 156.2 0.0 349.0

