

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030821\
 Data File : VX021056.D
 Acq On : 08 Mar 2021 13:33
 Operator : JC/MD
 Sample : M1594-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWBR3-175-185-030421

Quant Time: Mar 09 01:05:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

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

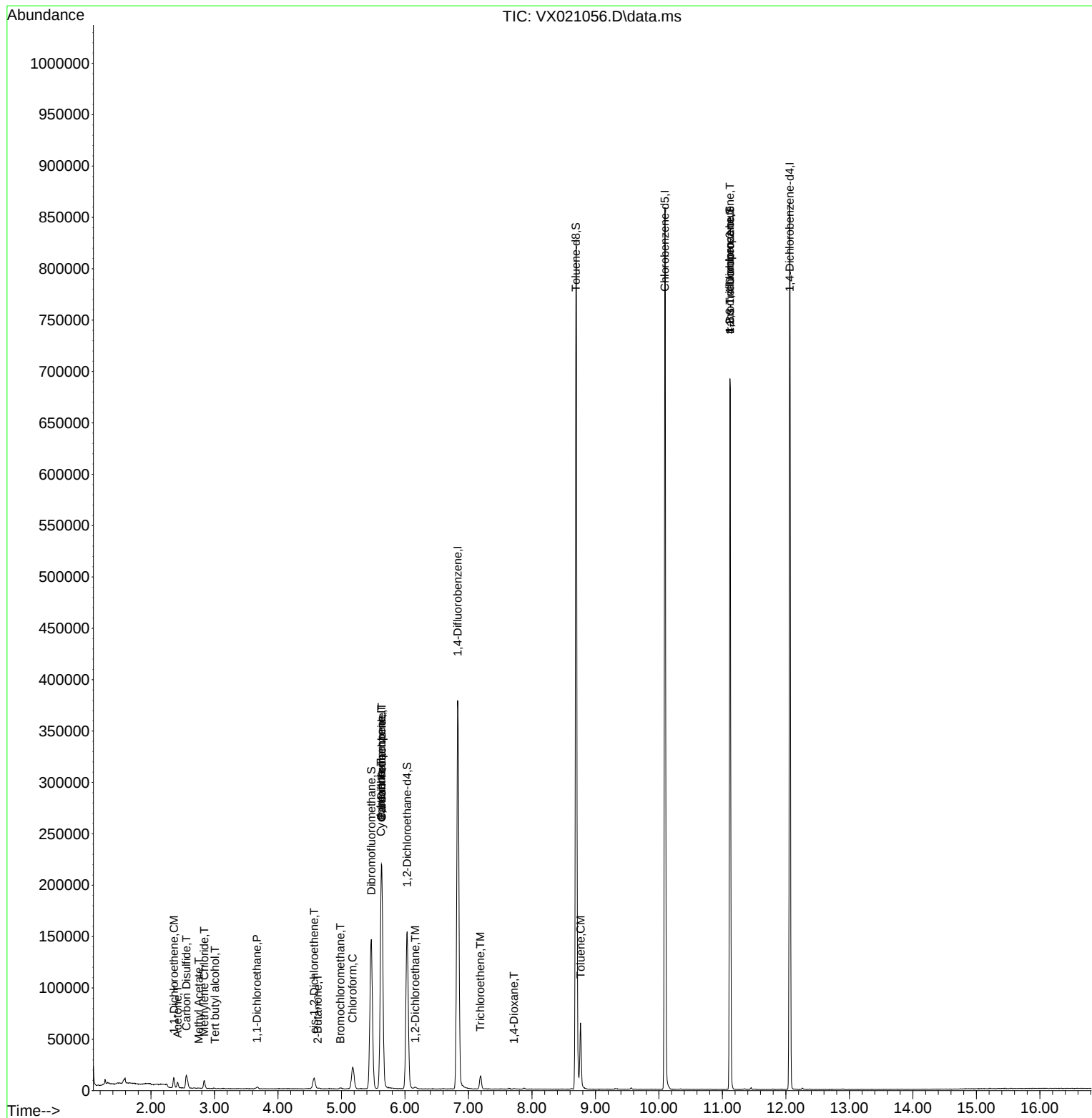
Internal Standards						
1) Pentafluorobenzene	5.629	168	219808	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	407676	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	400637	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	185183	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	146412	49.31	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.62%		
35) Dibromofluoromethane	5.470	113	127984	51.67	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.34%		
50) Toluene-d8	8.694	98	526770	54.54	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	109.08%		
62) 4-Bromofluorobenzene	11.118	95	201626	56.46	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	112.92%		
Target Compounds						Qvalue
5) Bromomethane	1.640	94	406	Below Cal		88
11) Tert butyl alcohol	3.005	59	245	0.37 ug/l #		73
12) 1,1-Dichloroethene	2.364	96	3511	1.43 ug/l		98
16) Acetone	2.417	43	5467	4.47 ug/l		93
17) Carbon Disulfide	2.558	76	13745	1.96 ug/l		100
18) Methyl Acetate	2.752	43	670	0.23 ug/l #		72
20) Methylene Chloride	2.840	84	3703	1.26 ug/l		95
24) 1,1-Dichloroethane	3.670	63	1974	0.41 ug/l #		81
25) 2-Butanone	4.629	43	905	0.49 ug/l #		88
27) cis-1,2-Dichloroethene	4.570	96	6926	2.18 ug/l		92
28) Bromochloromethane	4.982	49	677	0.33 ug/l #		84
30) Chloroform	5.176	83	25991	5.42 ug/l		98
31) Cyclohexane	5.623	56	4294	1.00 ug/l #		1
36) 1,1-Dichloropropene	5.629	75	16557	4.27 ug/l #		47
38) Carbon Tetrachloride	5.635	117	20991	5.59 ug/l #		16
42) 1,2-Dichloroethane	6.164	62	1636	0.42 ug/l		86
44) Trichloroethene	7.188	130	5141	1.68 ug/l		97
49) 1,4-Dioxane	7.718	88	390	5.31 ug/l #		81
52) Toluene	8.765	92	23398	3.23 ug/l		98
76) 1,2,3-Trichloropropane	11.118	75	94986	23.84 ug/l #		39
81) trans-1,4-Dichloro-2-b...	11.118	75	94986	52.79 ug/l #		12

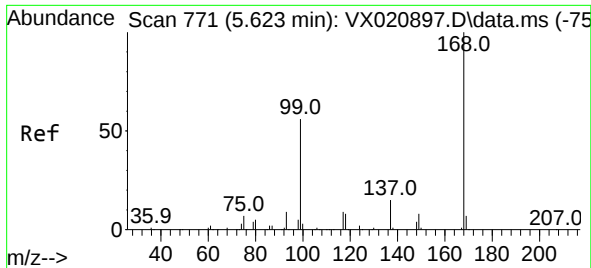
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :
GWBR3-175-185-030421

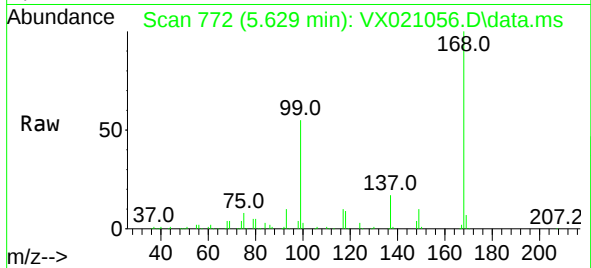
Quant Time: Mar 09 01:05:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 24 13:50:55 2021
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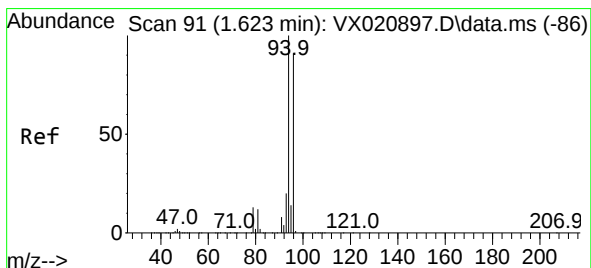
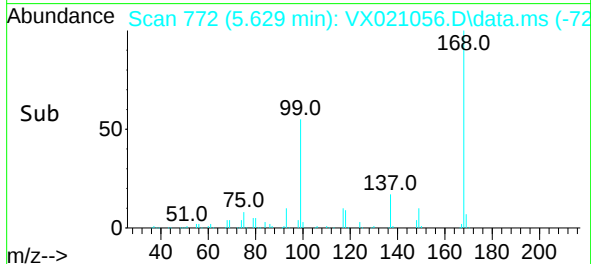
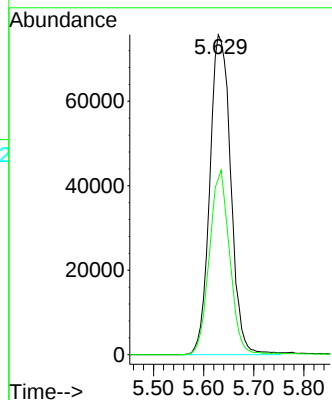


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021056.D
Acq: 08 Mar 2021 13:33

Instrument :
MSVOA_X
ClientSampleId :
GWBR3-175-185-030421

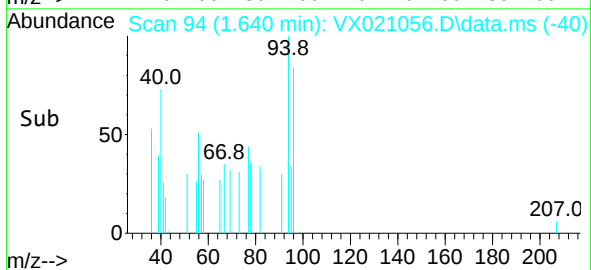
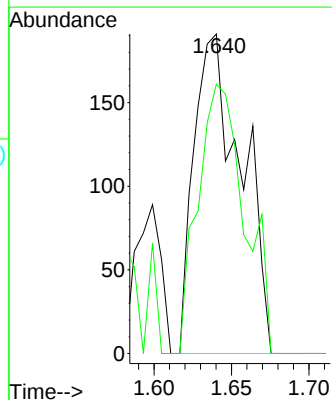
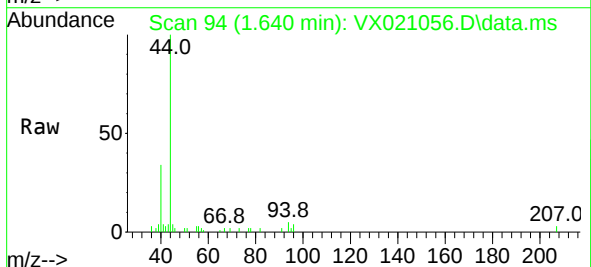


Tgt Ion:168 Resp: 219808
Ion Ratio Lower Upper
168 100
99 54.9 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX021056.D
Acq: 08 Mar 2021 13:33

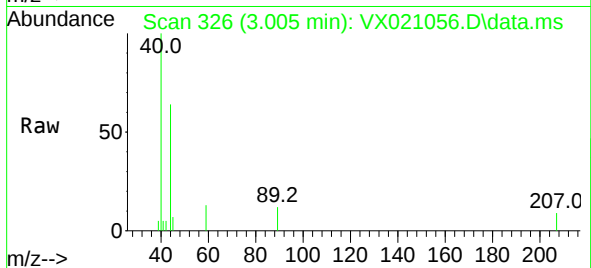
Tgt Ion: 94 Resp: 406
Ion Ratio Lower Upper
94 100
96 84.3 76.4 114.6



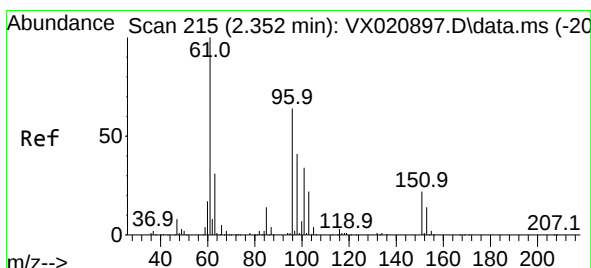
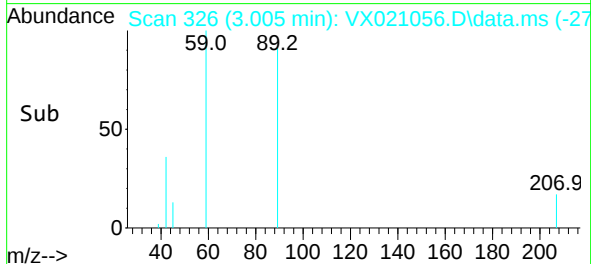
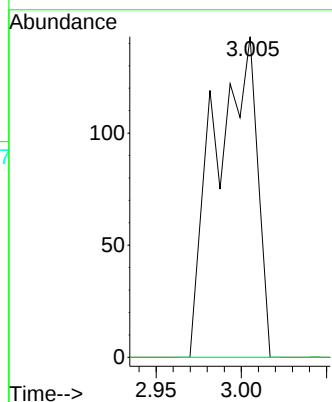


#11
Tert butyl alcohol
Concen: 0.37 ug/l
RT: 3.005 min Scan# 326
Delta R.T. -0.012 min
Lab File: VX021056.D
Acq: 08 Mar 2021 13:33

Instrument :
MSVOA_X
ClientSampleId :
GWBR3-175-185-030421

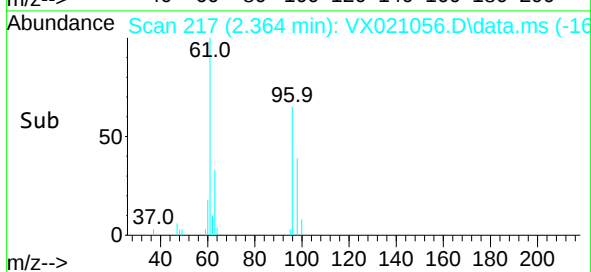
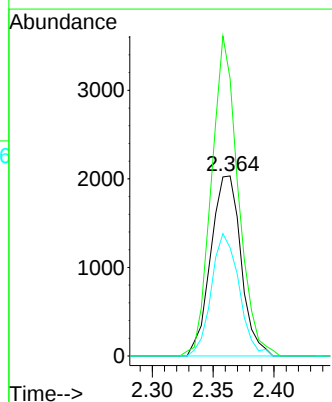
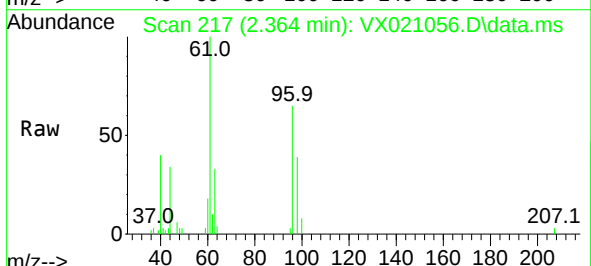


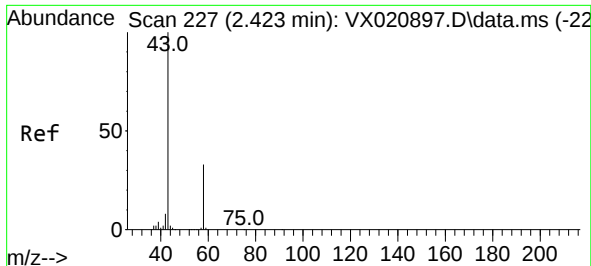
Tgt Ion: 59 Resp: 245
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 1.43 ug/l
RT: 2.364 min Scan# 217
Delta R.T. 0.012 min
Lab File: VX021056.D
Acq: 08 Mar 2021 13:33

Tgt Ion: 96 Resp: 3511
Ion Ratio Lower Upper
96 100
61 153.9 124.6 187.0
98 60.1 50.6 76.0

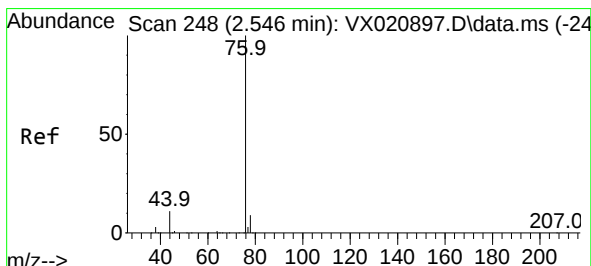
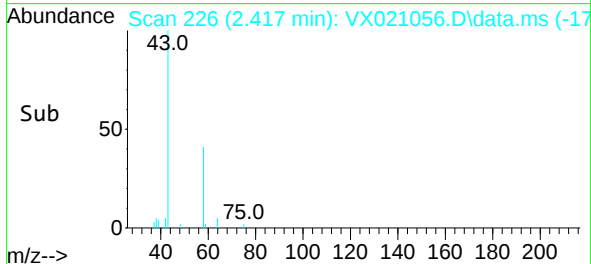
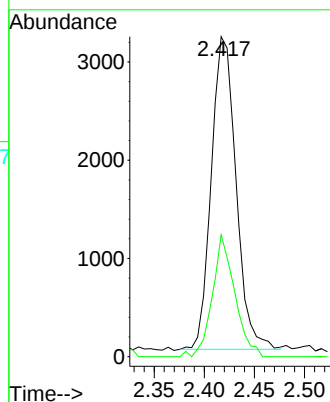
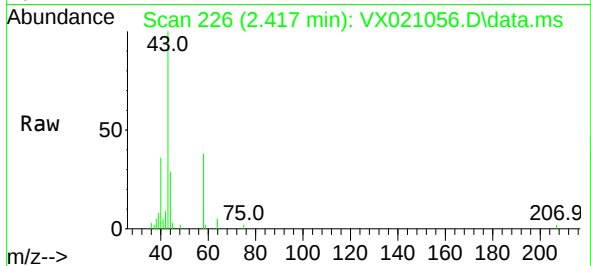




#16
Acetone
Concen: 4.47 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021056.D
Acq: 08 Mar 2021 13:33

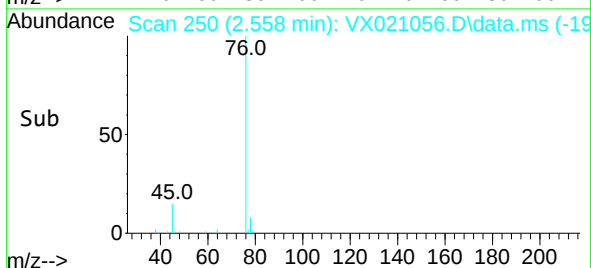
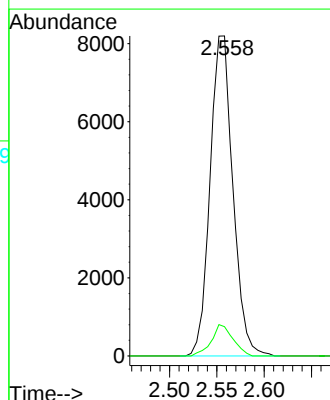
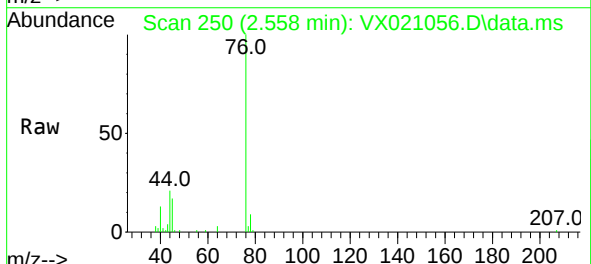
Instrument :
MSVOA_X
ClientSampleId :
GWBR3-175-185-030421

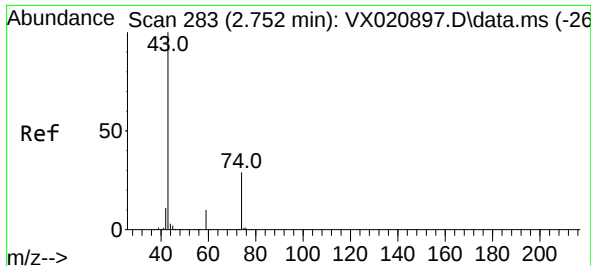
Tgt Ion: 43 Resp: 5467
Ion Ratio Lower Upper
43 100
58 38.9 27.8 41.8



#17
Carbon Disulfide
Concen: 1.96 ug/l
RT: 2.558 min Scan# 250
Delta R.T. 0.012 min
Lab File: VX021056.D
Acq: 08 Mar 2021 13:33

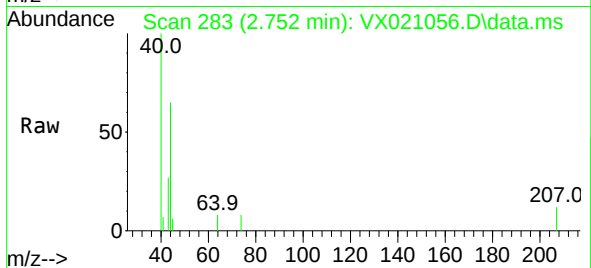
Tgt Ion: 76 Resp: 13745
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



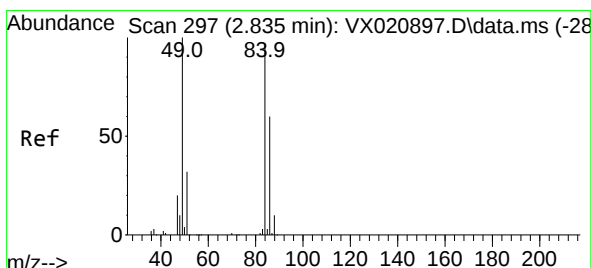
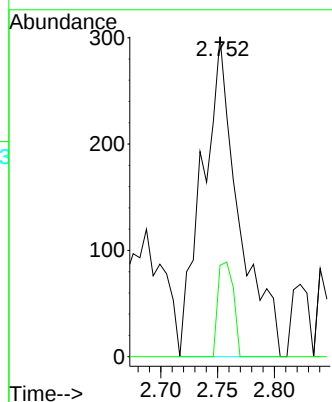
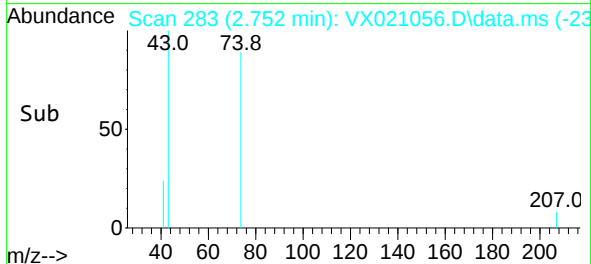


#18
Methyl Acetate
Concen: 0.23 ug/l
RT: 2.752 min Scan# 283
Delta R.T. -0.000 min
Lab File: VX021056.D
Acq: 08 Mar 2021 13:33

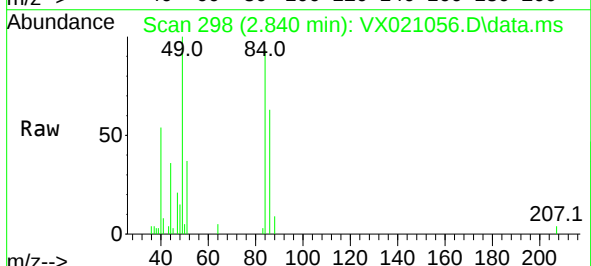
Instrument :
MSVOA_X
ClientSampleId :
GWBR3-175-185-030421



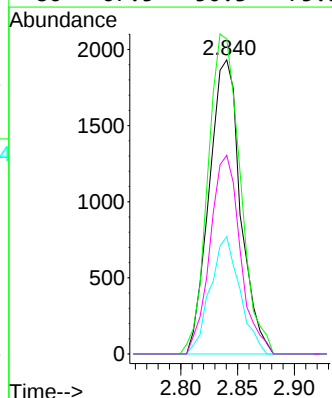
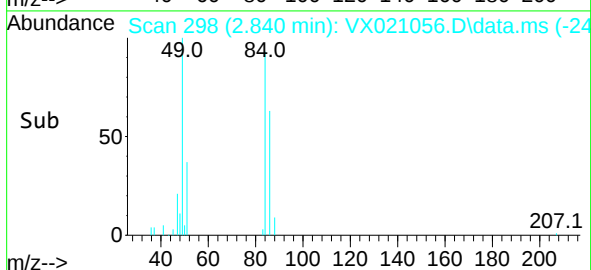
Tgt Ion: 43 Resp: 670
Ion Ratio Lower Upper
43 100
74 12.7 21.9 32.9#

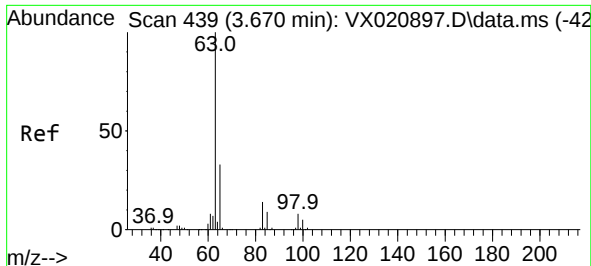


#20
Methylene Chloride
Concen: 1.26 ug/l
RT: 2.840 min Scan# 298
Delta R.T. 0.006 min
Lab File: VX021056.D
Acq: 08 Mar 2021 13:33



Tgt Ion: 84 Resp: 3703
Ion Ratio Lower Upper
84 100
49 107.0 88.6 132.8
51 39.9 27.0 40.6
86 67.5 50.3 75.5

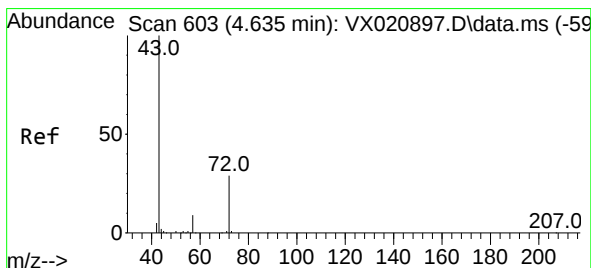
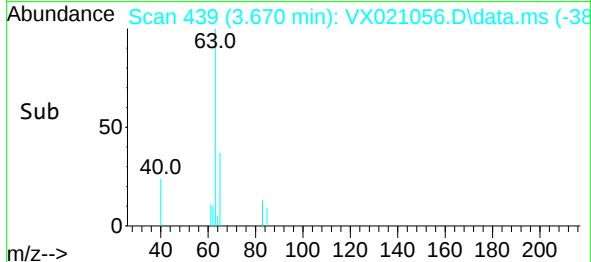
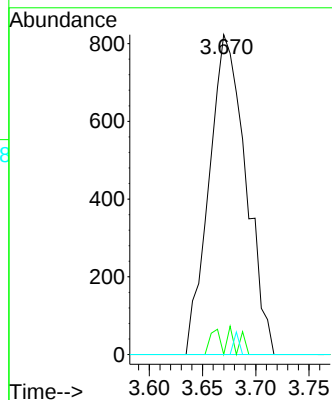
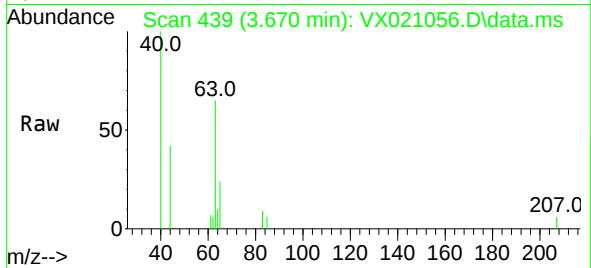




#24
1,1-Dichloroethane
Concen: 0.41 ug/l
RT: 3.670 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX021056.D
Acq: 08 Mar 2021 13:33

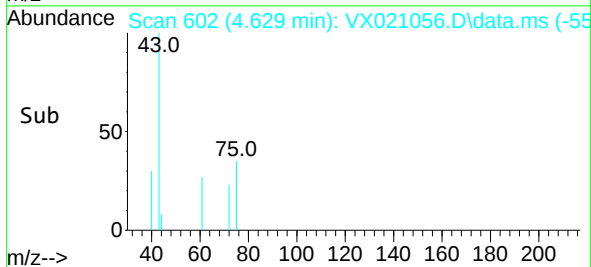
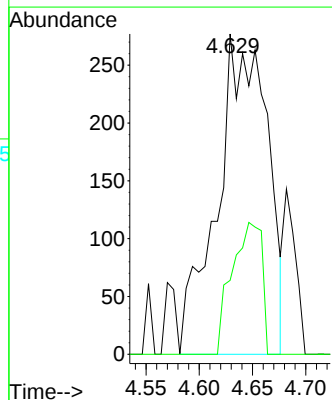
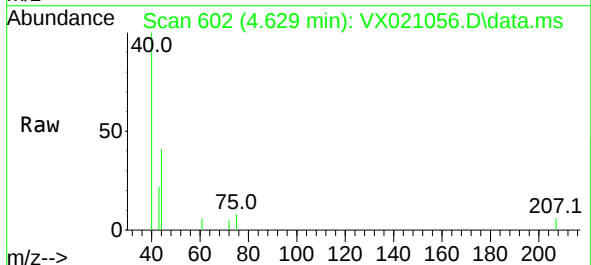
Instrument :
MSVOA_X
ClientSampleId :
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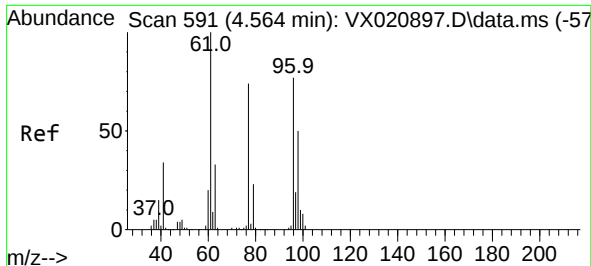
Tgt Ion: 63 Resp: 1974
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.2#
100 0.0 2.5 7.5#



#25
2-Butanone
Concen: 0.49 ug/l
RT: 4.629 min Scan# 602
Delta R.T. -0.006 min
Lab File: VX021056.D
Acq: 08 Mar 2021 13:33

Tgt Ion: 43 Resp: 905
Ion Ratio Lower Upper
43 100
72 23.1 23.7 35.5#





#27

cis-1,2-Dichloroethene

Concen: 2.18 ug/l

RT: 4.570 min Scan# 592

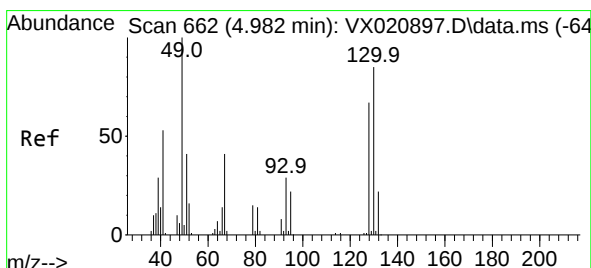
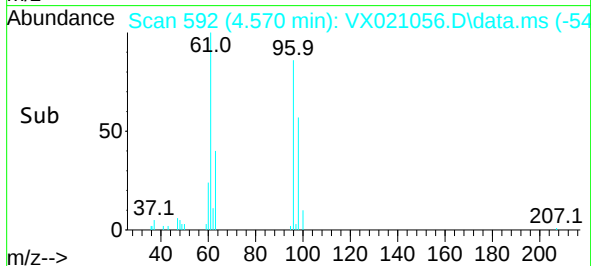
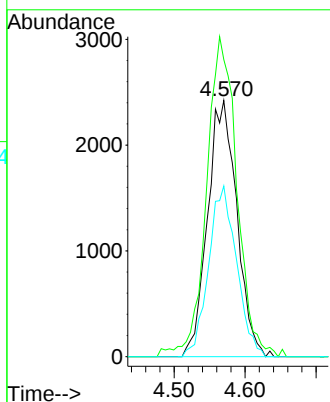
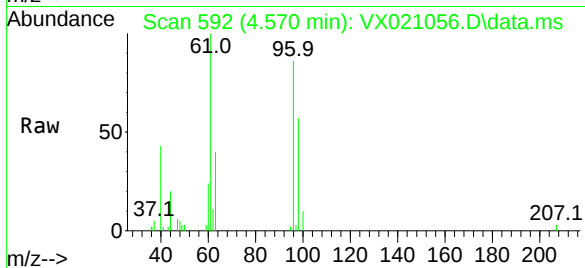
Delta R.T. 0.006 min

Lab File: VX021056.D

Acq: 08 Mar 2021 13:33

Tgt Ion:	96	Resp:	6926
Ion	Ratio	Lower	Upper
96	100		
61	129.5	0.0	285.6
98	63.7	0.0	129.6

Instrument :
MSVOA_X
ClientSampleId :
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#28

Bromochloromethane

Concen: 0.33 ug/l

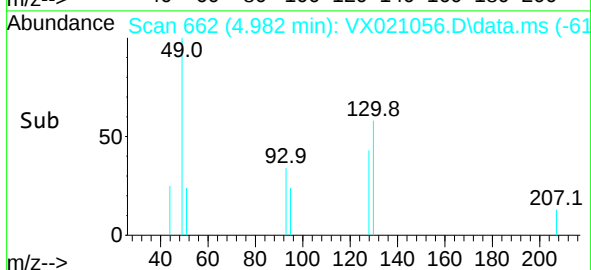
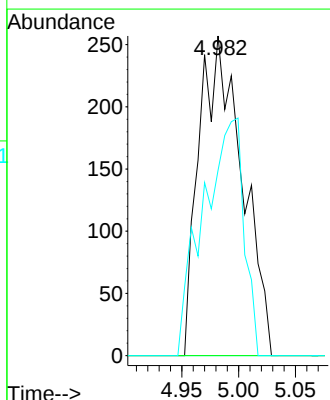
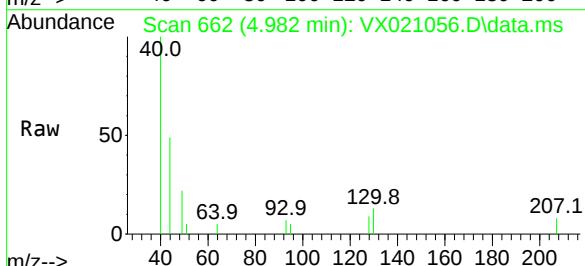
RT: 4.982 min Scan# 662

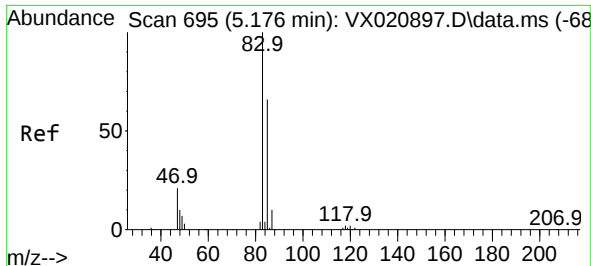
Delta R.T. -0.000 min

Lab File: VX021056.D

Acq: 08 Mar 2021 13:33

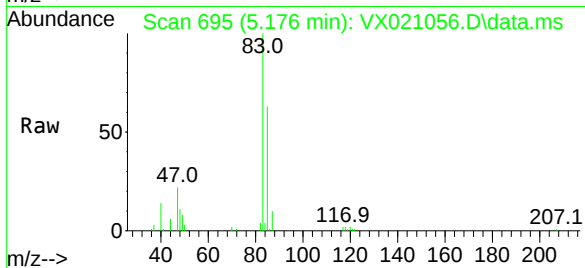
Tgt Ion:	49	Resp:	677
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	70.0	68.2	102.2



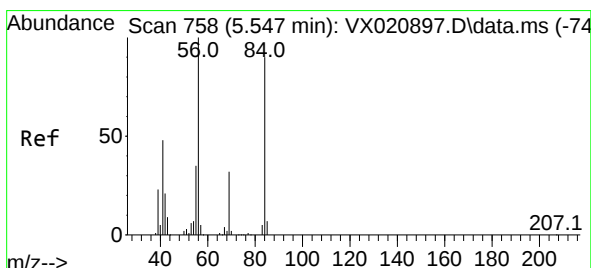
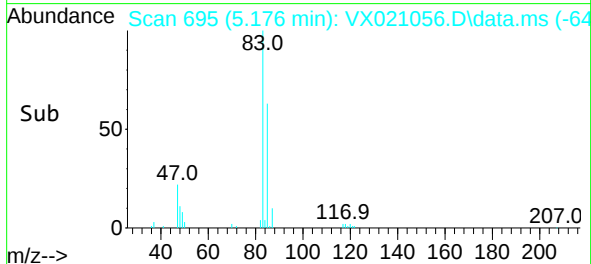
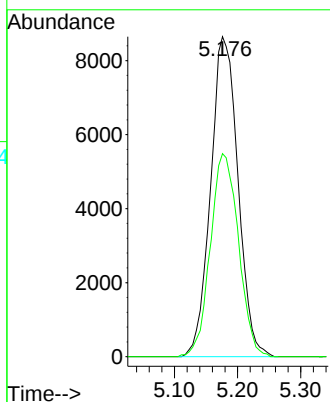


#30
Chloroform
Concen: 5.42 ug/l
RT: 5.176 min Scan# 695
Delta R.T. -0.000 min
Lab File: VX021056.D
Acq: 08 Mar 2021 13:33

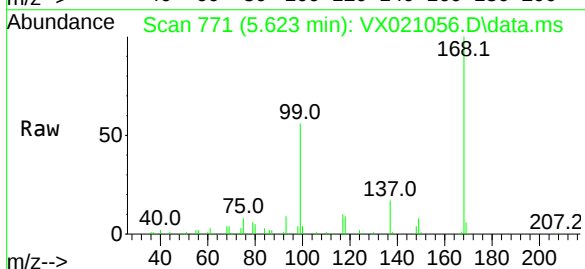
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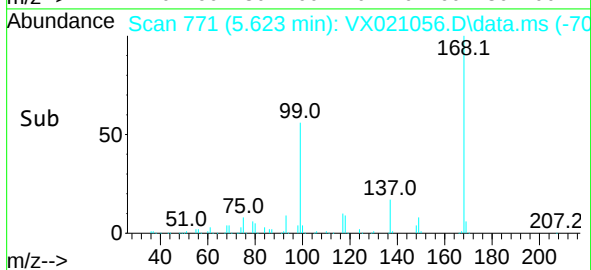
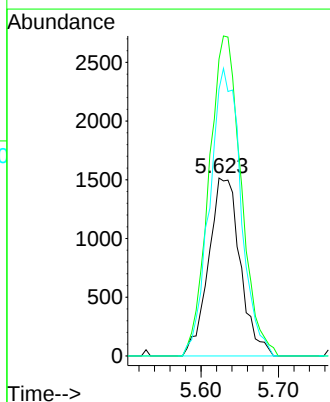
Tgt Ion: 83 Resp: 25991
Ion Ratio Lower Upper
83 100
85 63.5 52.0 78.0

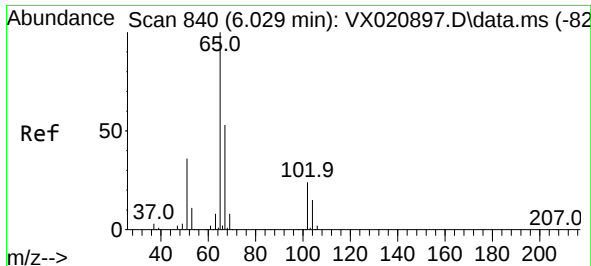


#31
Cyclohexane
Concen: 1.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021056.D
Acq: 08 Mar 2021 13:33



Tgt Ion: 56 Resp: 4294
Ion Ratio Lower Upper
56 100
69 166.9 25.3 37.9#
84 149.9 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 49.31 ug/l

RT: 6.035 min Scan# 841

Delta R.T. 0.006 min

Lab File: VX021056.D

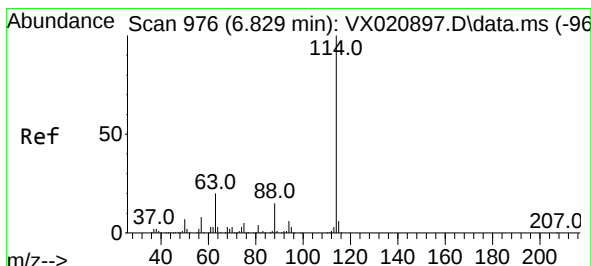
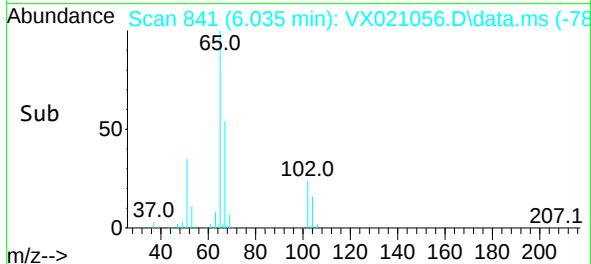
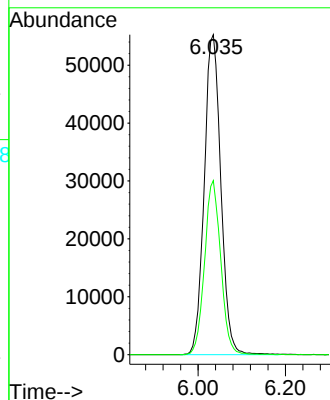
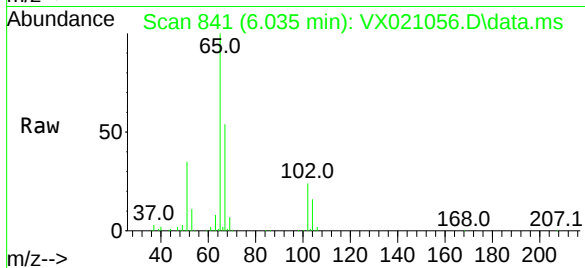
Acq: 08 Mar 2021 13:33

Tgt Ion: 65 Resp: 146412

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.829 min Scan# 976

Delta R.T. -0.000 min

Lab File: VX021056.D

Acq: 08 Mar 2021 13:33

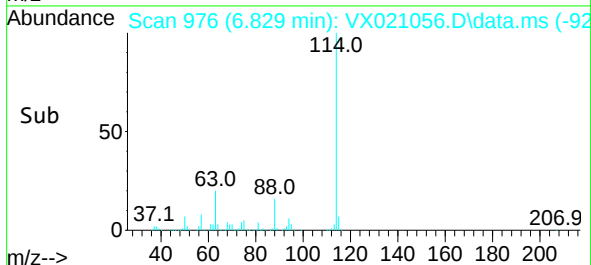
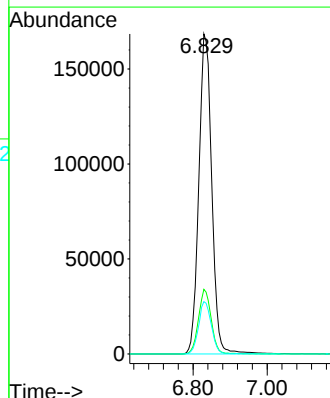
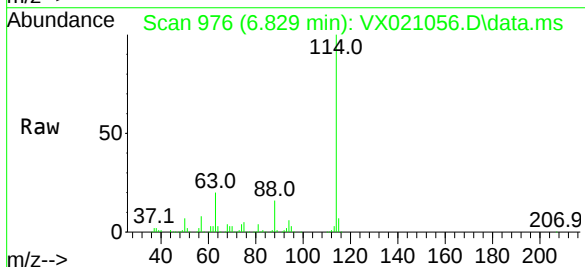
Tgt Ion: 114 Resp: 407676

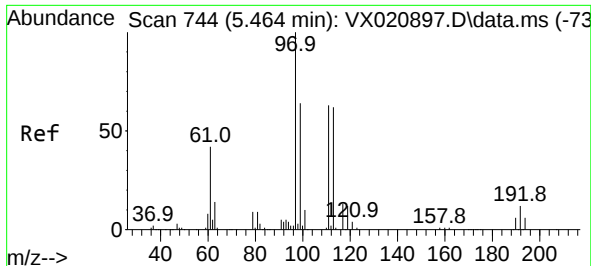
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.8

88 16.3 0.0 32.8

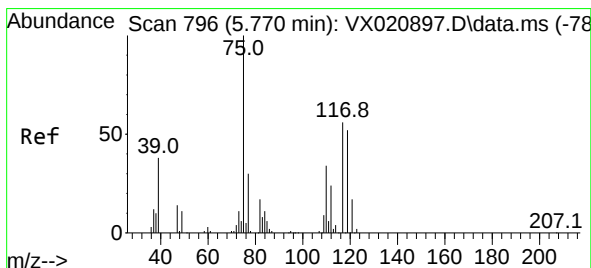
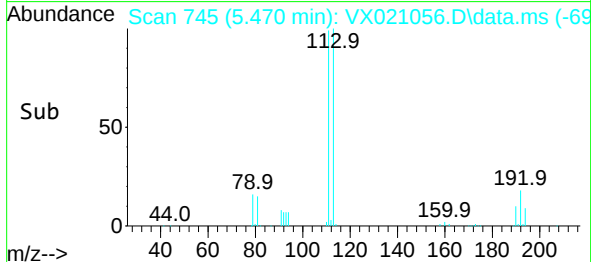
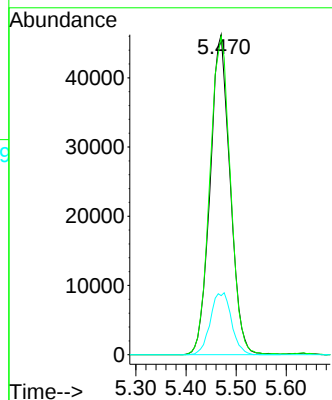
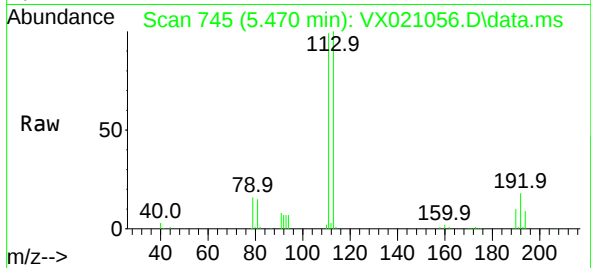




#35
Dibromofluoromethane
Concen: 51.67 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021056.D
Acq: 08 Mar 2021 13:33

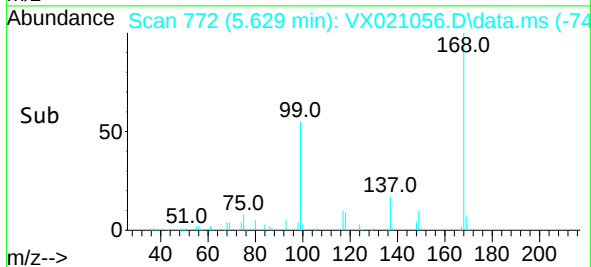
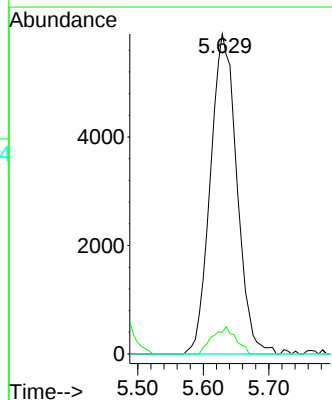
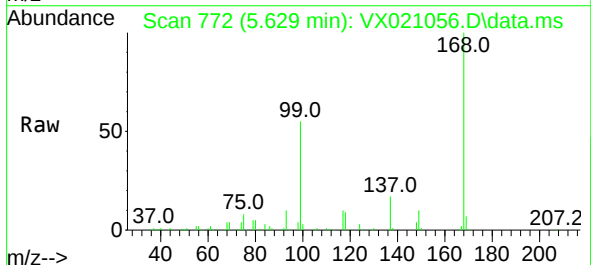
Instrument :
MSVOA_X
ClientSampleId :
GWBR3-175-185-030421

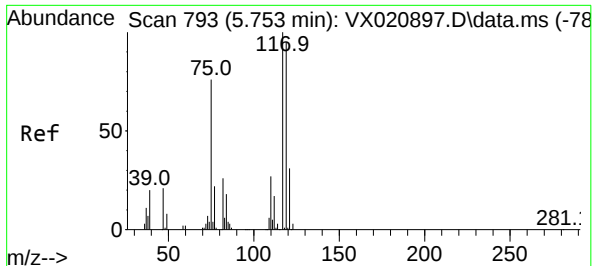
Tgt Ion:113 Resp: 127984
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 20.4 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.27 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021056.D
Acq: 08 Mar 2021 13:33

Tgt Ion: 75 Resp: 16557
Ion Ratio Lower Upper
75 100
110 7.5 18.1 54.4#
77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 5.59 ug/l

RT: 5.635 min Scan# 773

Delta R.T. -0.118 min

Lab File: VX021056.D

Acq: 08 Mar 2021 13:33

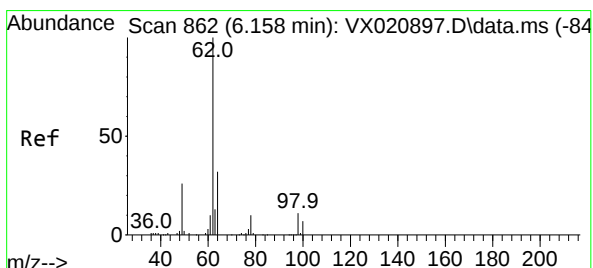
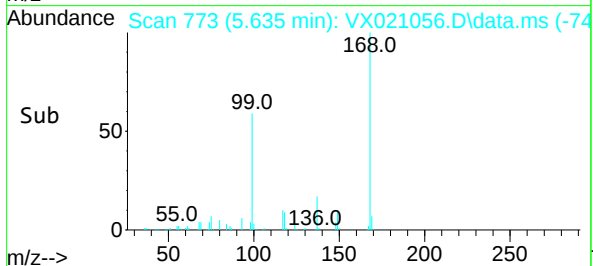
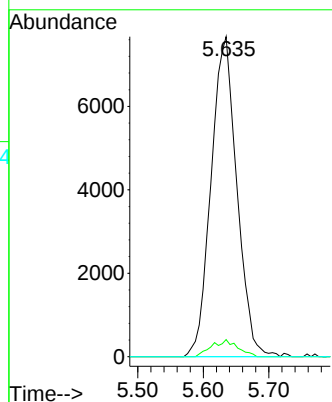
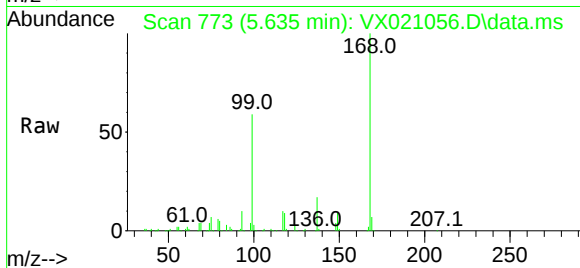
Instrument :

MSVOA_X

ClientSampleId :

GWBR3-175-185-030421

Tgt Ion:	117	Resp:	20991
Ion	Ratio	Lower	Upper
117	100		
119	5.4	76.2	114.2#
121	0.0	24.8	37.2#



#42

1,2-Dichloroethane

Concen: 0.42 ug/l

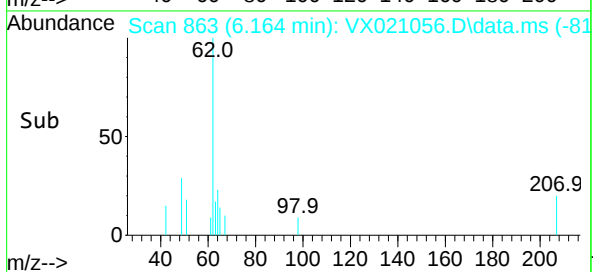
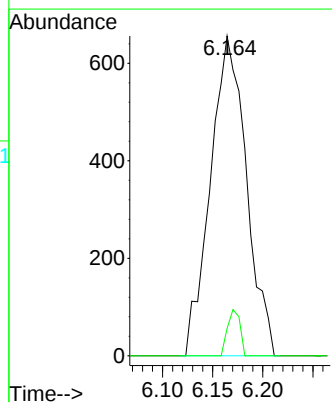
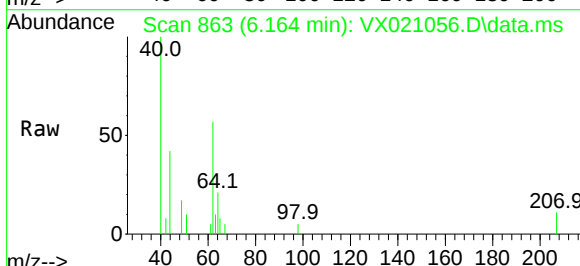
RT: 6.164 min Scan# 863

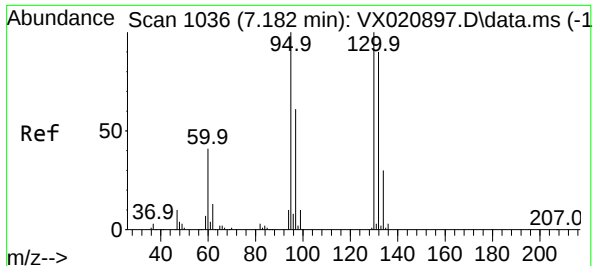
Delta R.T. 0.006 min

Lab File: VX021056.D

Acq: 08 Mar 2021 13:33

Tgt Ion:	62	Resp:	1636
Ion	Ratio	Lower	Upper
62	100		
98	5.0	0.0	20.2

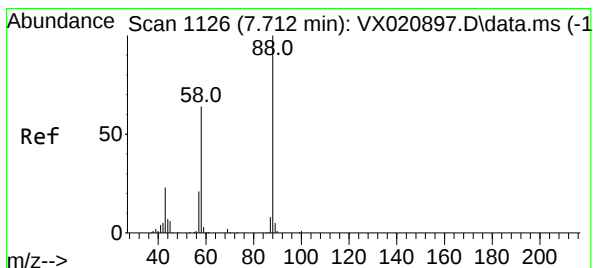
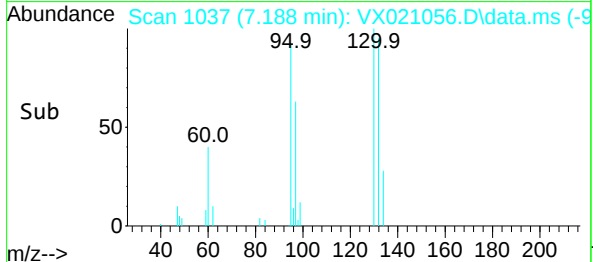
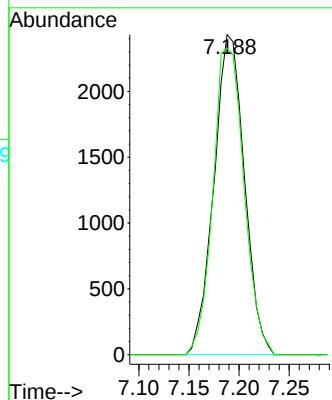
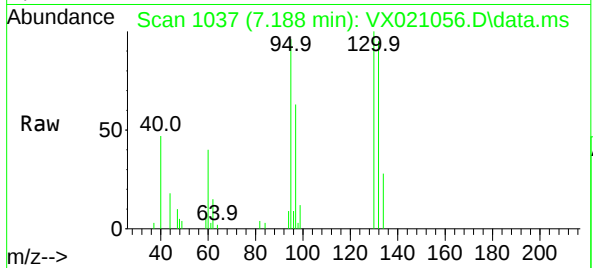




#44
Trichloroethene
Concen: 1.68 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VX021056.D
Acq: 08 Mar 2021 13:33

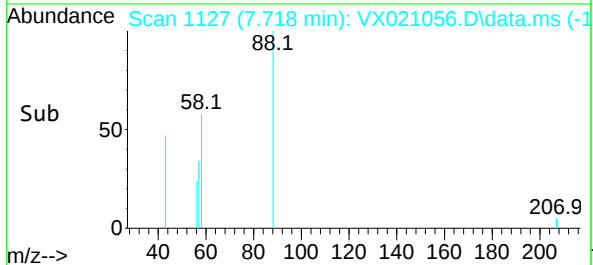
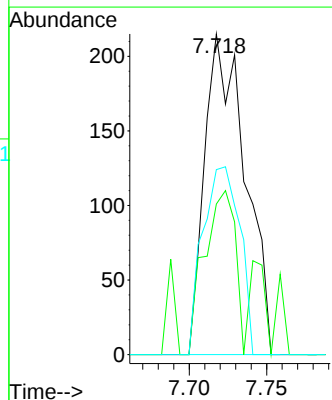
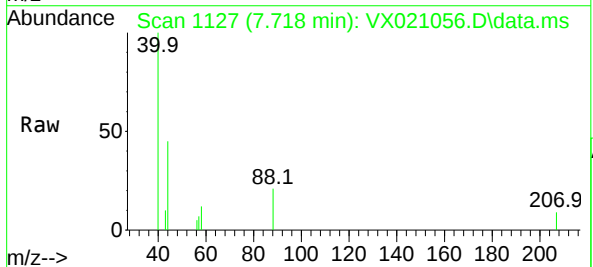
Instrument :
MSVOA_X
ClientSampleId :
GWBR3-175-185-030421

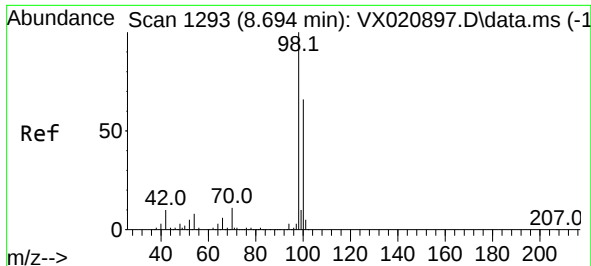
Tgt Ion:130 Resp: 5141
Ion Ratio Lower Upper
130 100
95 95.8 0.0 198.0



#49
1,4-Dioxane
Concen: 5.31 ug/l
RT: 7.718 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VX021056.D
Acq: 08 Mar 2021 13:33

Tgt Ion: 88 Resp: 390
Ion Ratio Lower Upper
88 100
43 39.0 23.2 34.8#
58 53.6 55.0 82.4#

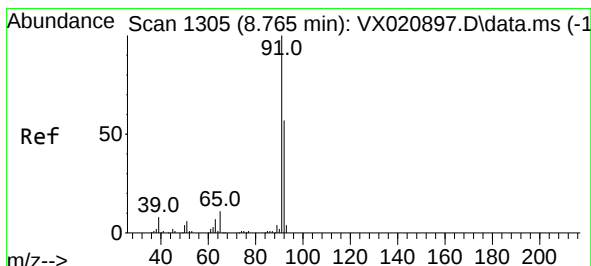
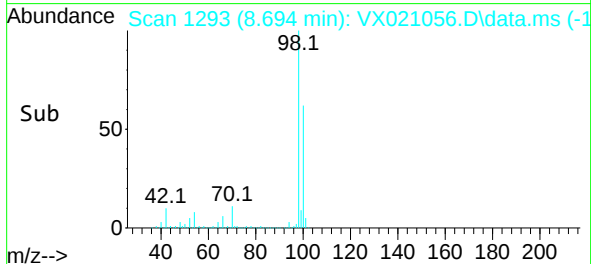
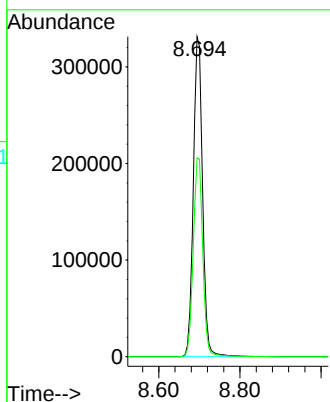
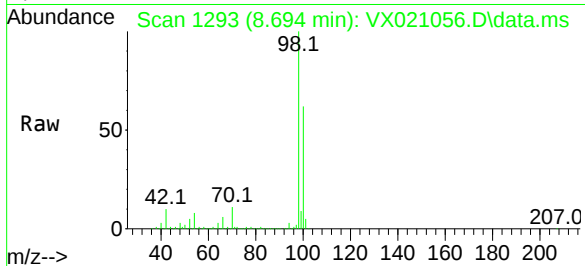




#50
Toluene-d8
Concen: 54.54 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021056.D
Acq: 08 Mar 2021 13:33

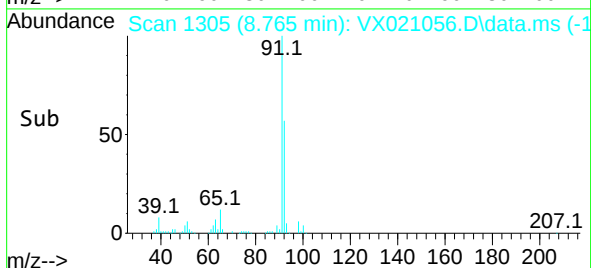
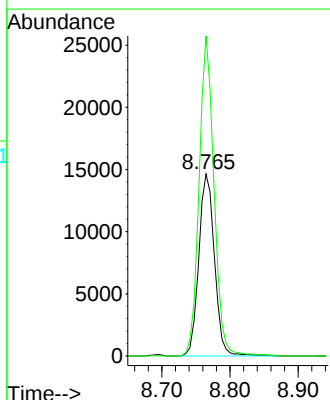
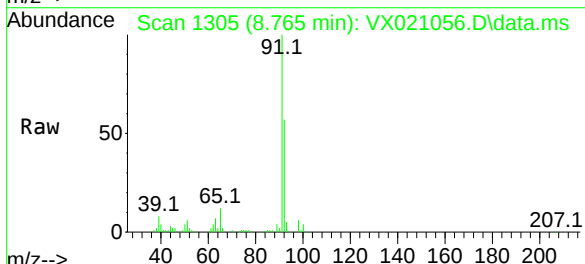
Instrument :
MSVOA_X
ClientSampleId :
GWBR3-175-185-030421

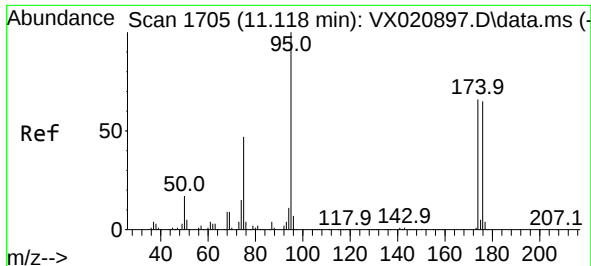
Tgt Ion: 98 Resp: 526770
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9



#52
Toluene
Concen: 3.23 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VX021056.D
Acq: 08 Mar 2021 13:33

Tgt Ion: 92 Resp: 23398
Ion Ratio Lower Upper
92 100
91 168.1 137.1 205.7

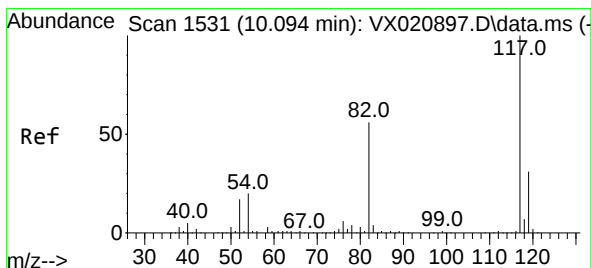
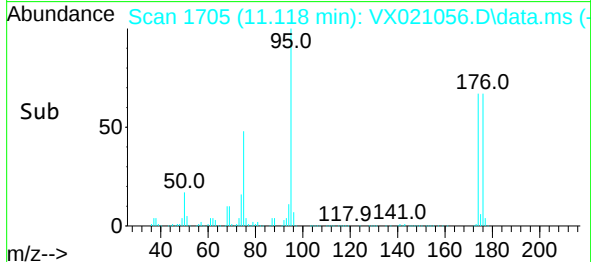
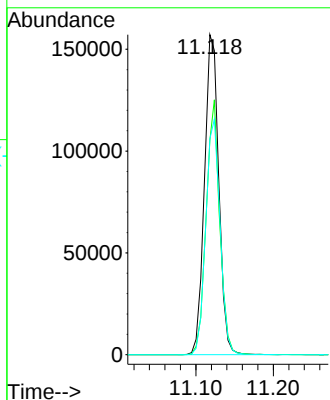
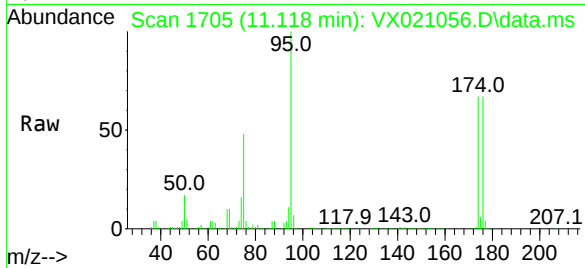




#62
4-Bromofluorobenzene
Concen: 56.46 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021056.D
Acq: 08 Mar 2021 13:33

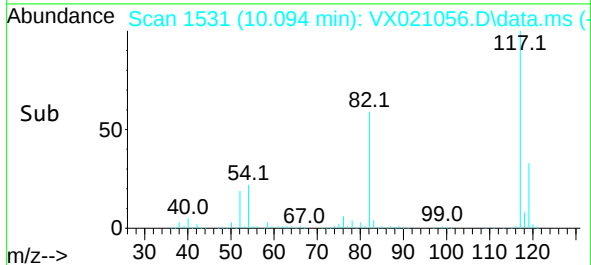
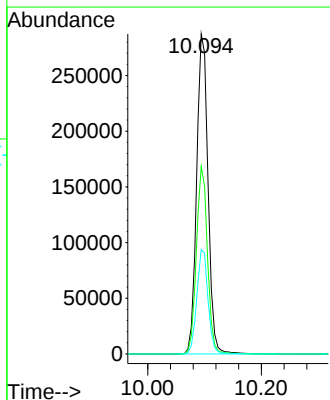
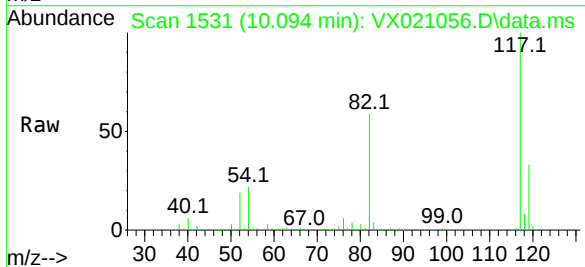
Instrument :
MSVOA_X
ClientSampleId :
GWBR3-175-185-030421

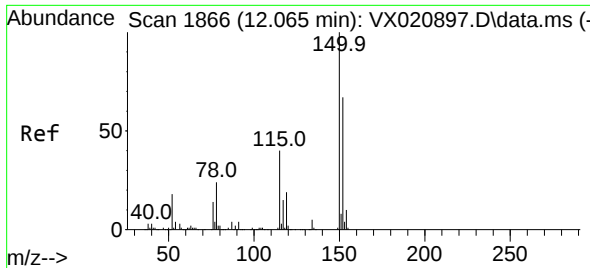
Tgt Ion: 95 Resp: 201626
Ion Ratio Lower Upper
95 100
174 75.1 0.0 154.6
176 73.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021056.D
Acq: 08 Mar 2021 13:33

Tgt Ion: 117 Resp: 400637
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.2
119 32.6 26.6 39.8

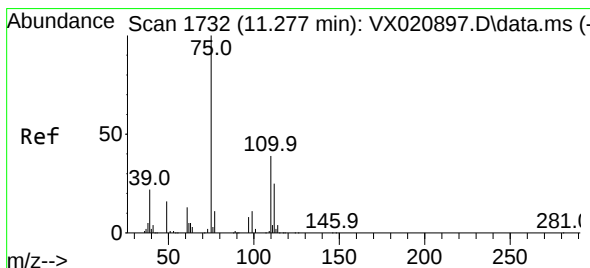
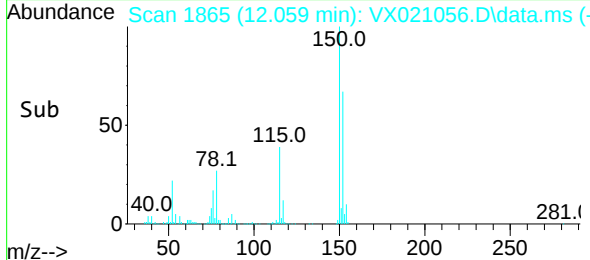
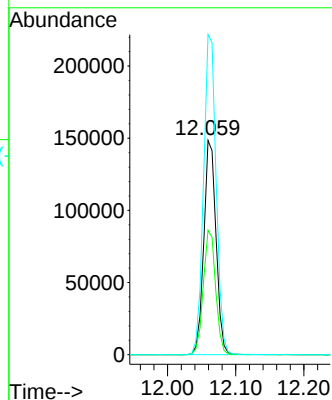
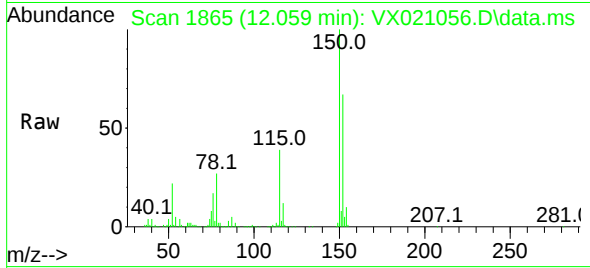




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.059 min Scan# 1865
 Delta R.T. -0.006 min
 Lab File: VX021056.D
 Acq: 08 Mar 2021 13:33

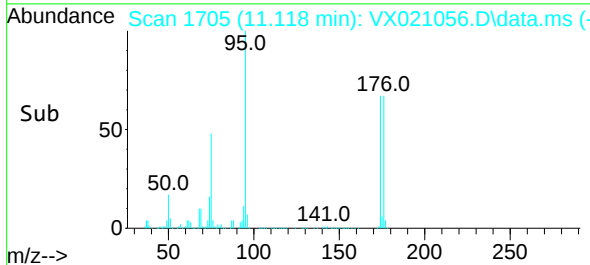
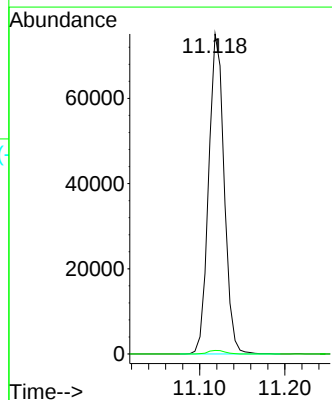
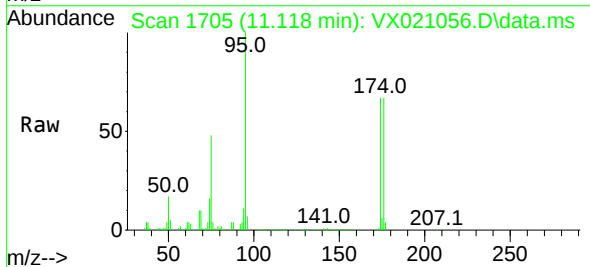
Instrument :
 MSVOA_X
 ClientSampleId :
 GWBR3-175-185-030421

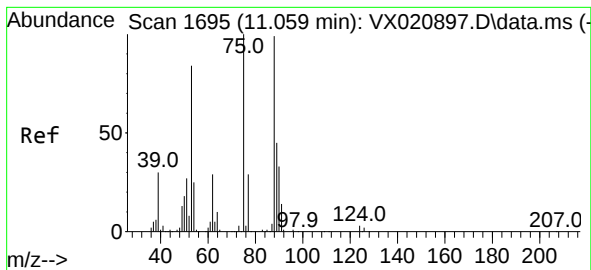
Tgt Ion:152 Resp: 185183
 Ion Ratio Lower Upper
 152 100
 115 58.4 41.1 123.3
 150 154.0 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 23.84 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. -0.159 min
 Lab File: VX021056.D
 Acq: 08 Mar 2021 13:33

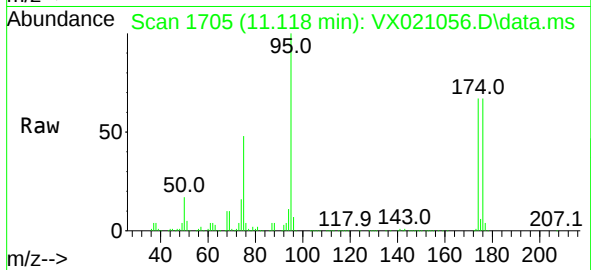
Tgt Ion: 75 Resp: 94986
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.79 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021056.D
 Acq: 08 Mar 2021 13:33

Instrument :
 MSVOA_X
 ClientSampleId :
 GWBR3-175-185-030421



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

