

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
 Data File : VX021220.D
 Acq On : 15 Mar 2021 23:57
 Operator : JC/MD
 Sample : M1645-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Mar 16 04:41:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 15 11:55:59 2021
 Response via : Initial Calibration

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

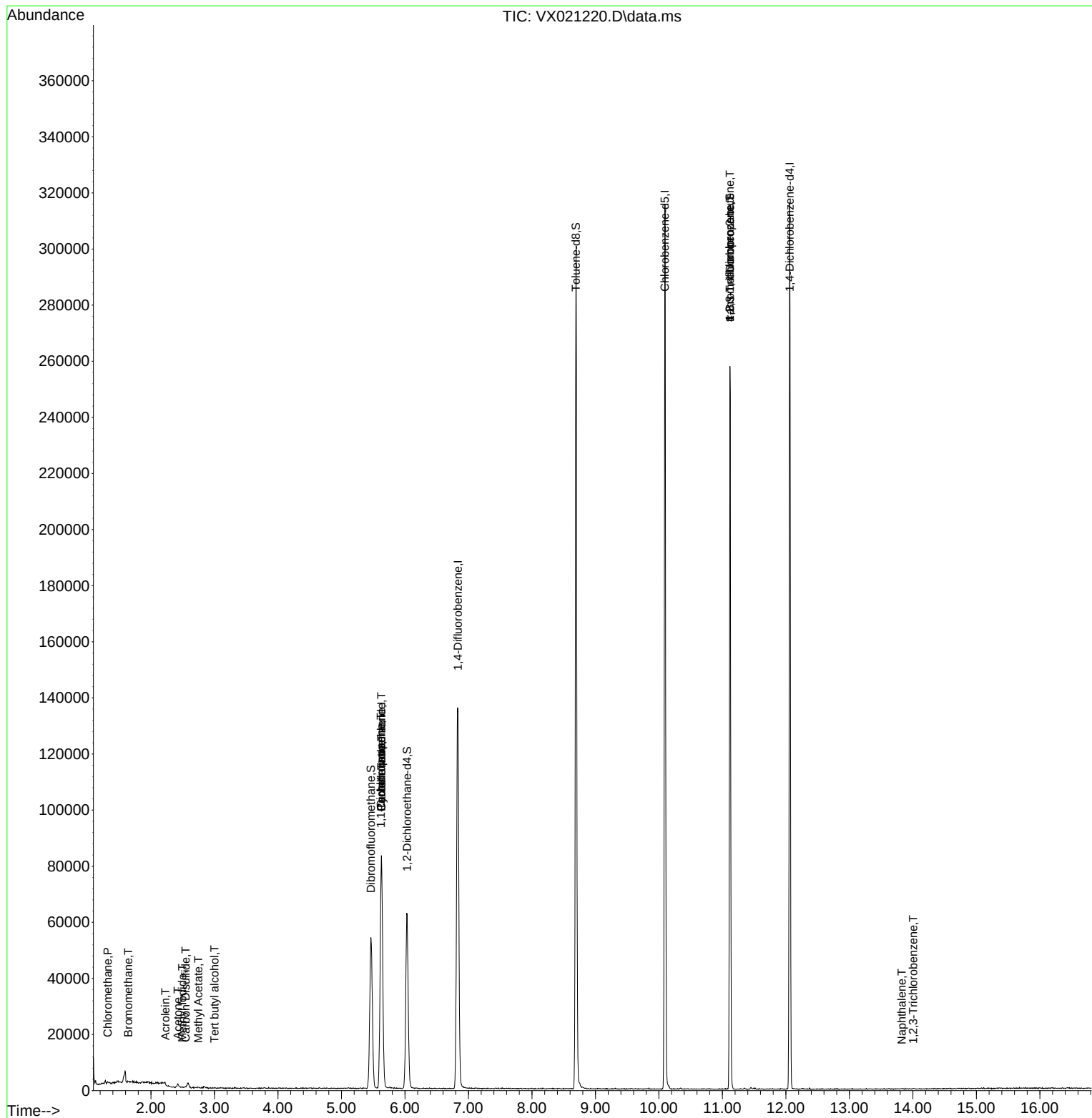
Internal Standards						
1) Pentafluorobenzene	5.629	168	70431	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	128192	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	127085	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	57809	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	61719	51.39	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.78%			
35) Dibromofluoromethane	5.464	113	45160	51.20	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.40%			
50) Toluene-d8	8.694	98	165157	52.13	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.26%			
62) 4-Bromofluorobenzene	11.118	95	67740	56.10	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 112.20%			
Target Compounds					Qvalue	
3) Chloromethane	1.317	50	257	0.28	ug/l #	72
5) Bromomethane	1.640	94	121	0.23	ug/l	93
10) Methyl Iodide	2.493	142	262	0.26	ug/l #	76
11) Tert butyl alcohol	2.999	59	64	0.31	ug/l #	73
13) Acrolein	2.229	56	149	1.16	ug/l #	65
16) Acetone	2.423	43	1386	2.87	ug/l #	87
17) Carbon Disulfide	2.546	76	453	0.20	ug/l #	75
18) Methyl Acetate	2.746	43	447	0.38	ug/l #	56
31) Cyclohexane	5.629	56	2206	1.45	ug/l #	40
36) 1,1-Dichloropropene	5.623	75	6535	4.86	ug/l #	50
38) Carbon Tetrachloride	5.629	117	7748	5.25	ug/l #	17
76) 1,2,3-Trichloropropane	11.118	75	38391	26.78	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.118	75	38391	76.02	ug/l #	12
95) Naphthalene	13.824	128	140	1.50	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.007	180	22	0.95	ug/l #	29

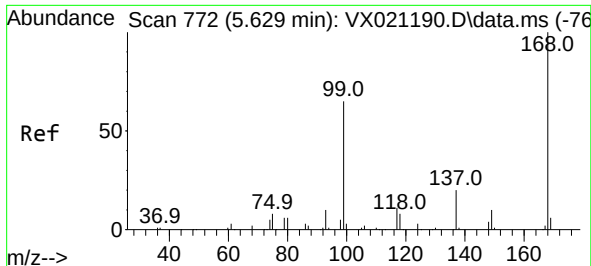
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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STORAGE-BLANK-WATER-REF-5

Quant Time: Mar 16 04:41:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031521W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 15 11:55:59 2021
Response via : Initial Calibration

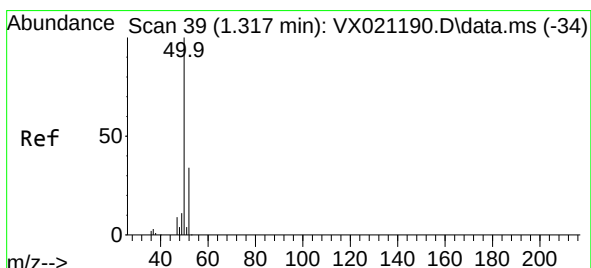
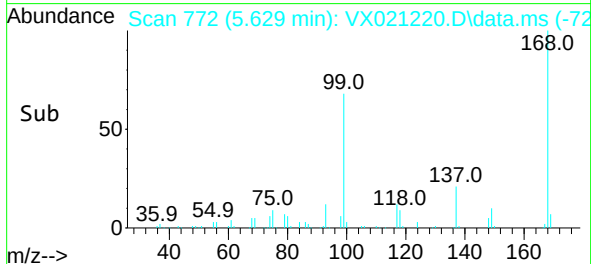
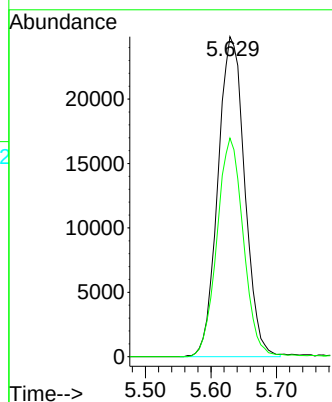
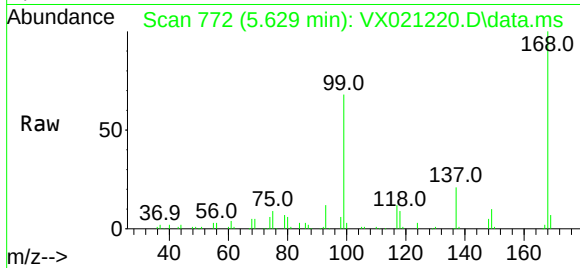




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021220.D
Acq: 15 Mar 2021 23:57

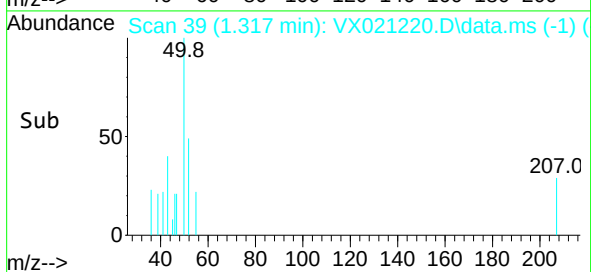
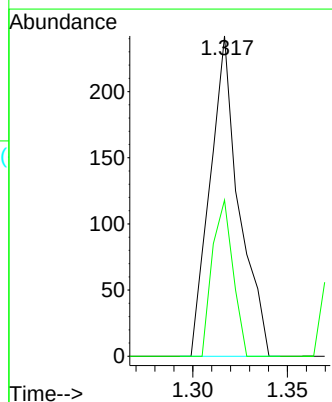
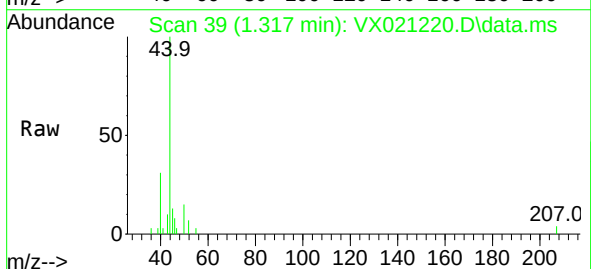
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

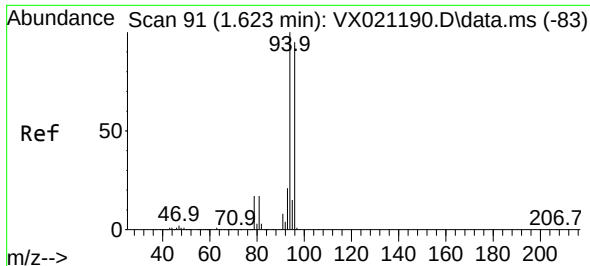
Tgt Ion:168 Resp: 70431
Ion Ratio Lower Upper
168 100
99 68.3 45.8 68.6



#3
Chloromethane
Concen: 0.28 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021220.D
Acq: 15 Mar 2021 23:57

Tgt Ion: 50 Resp: 257
Ion Ratio Lower Upper
50 100
52 48.8 26.4 39.6#

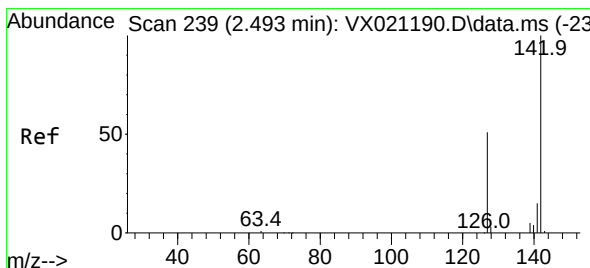
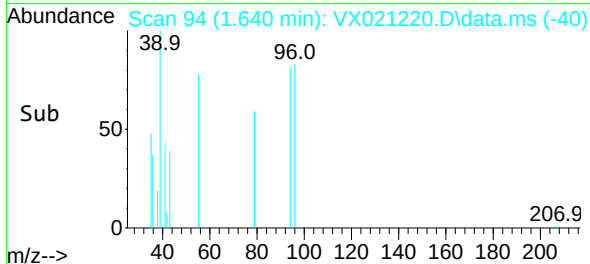
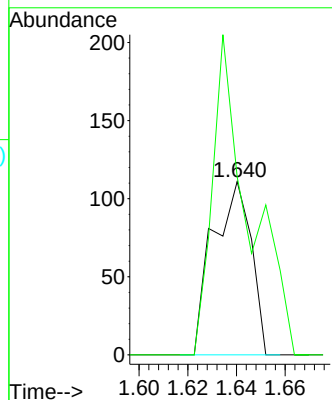
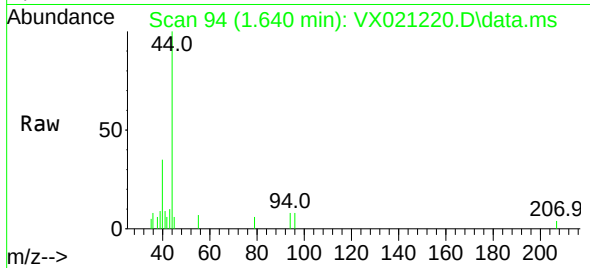




#5
Bromomethane
Concen: 0.23 ug/l
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX021220.D
Acq: 15 Mar 2021 23:57

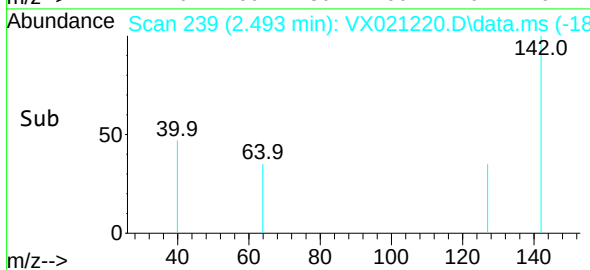
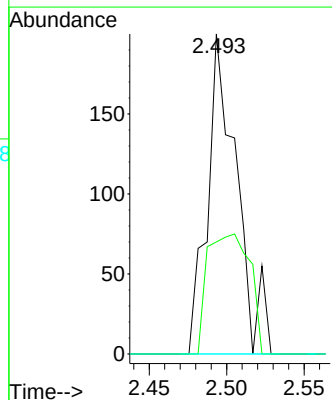
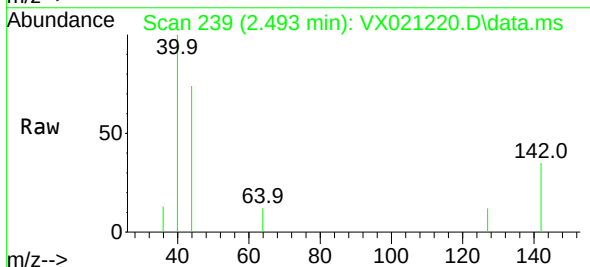
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

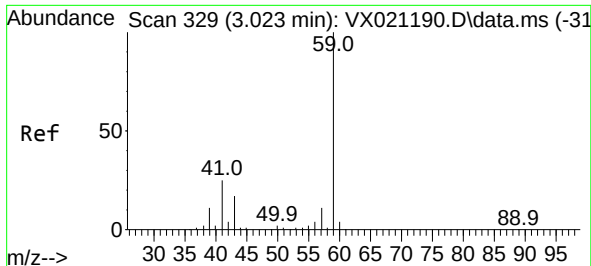
Tgt Ion: 94 Resp: 121
Ion Ratio Lower Upper
94 100
96 102.7 76.4 114.6



#10
Methyl Iodide
Concen: 0.26 ug/l
RT: 2.493 min Scan# 239
Delta R.T. 0.006 min
Lab File: VX021220.D
Acq: 15 Mar 2021 23:57

Tgt Ion: 142 Resp: 262
Ion Ratio Lower Upper
142 100
127 54.6 33.3 49.9#
141 0.0 11.4 17.0#

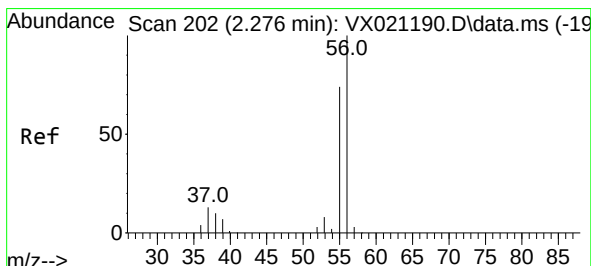
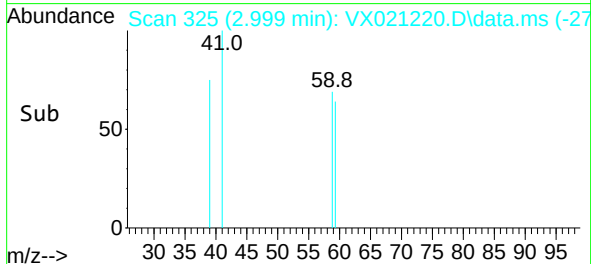
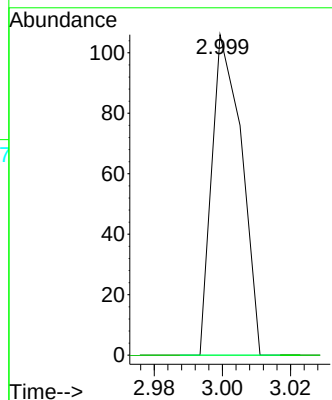
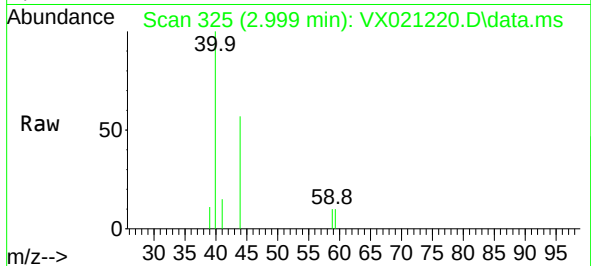




#11
Tert butyl alcohol
Concen: 0.31 ug/l
RT: 2.999 min Scan# 325
Delta R.T. -0.018 min
Lab File: VX021220.D
Acq: 15 Mar 2021 23:57

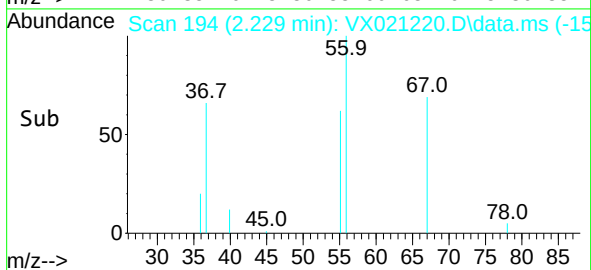
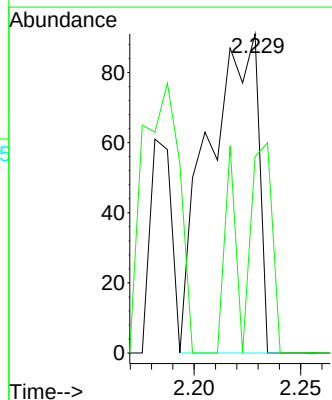
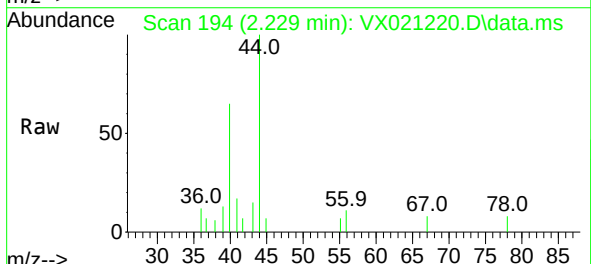
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

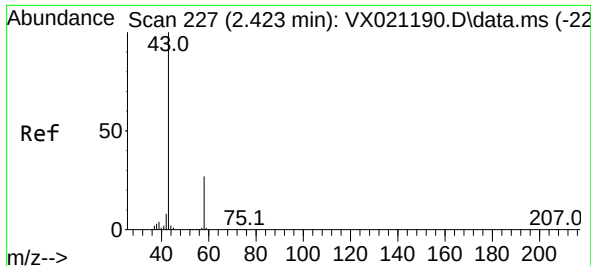
Tgt Ion: 59 Resp: 64
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 1.16 ug/l
RT: 2.229 min Scan# 194
Delta R.T. -0.047 min
Lab File: VX021220.D
Acq: 15 Mar 2021 23:57

Tgt Ion: 56 Resp: 149
Ion Ratio Lower Upper
56 100
55 41.6 56.4 84.6#

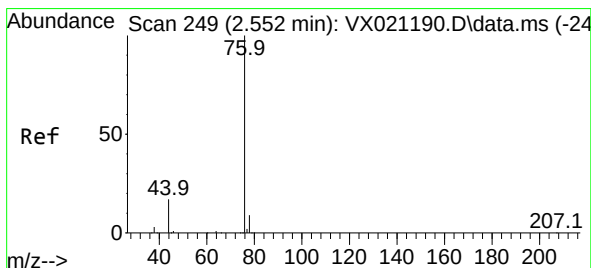
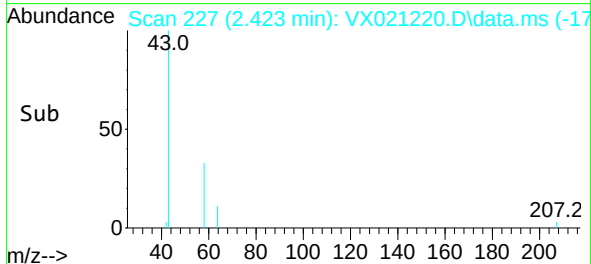
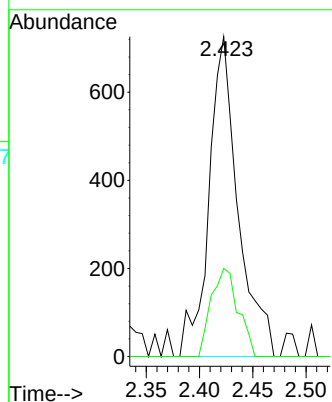
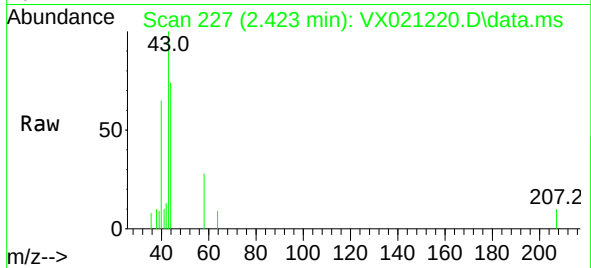




#16
Acetone
Concen: 2.87 ug/l
RT: 2.423 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX021220.D
Acq: 15 Mar 2021 23:57

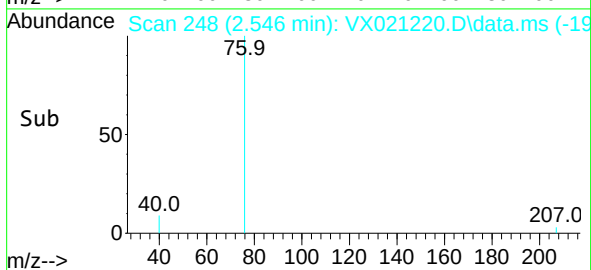
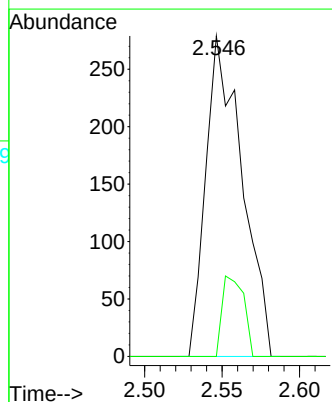
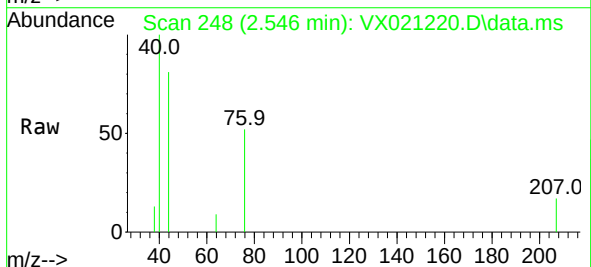
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

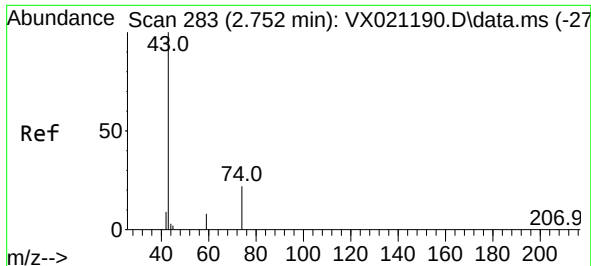
Tgt Ion: 43 Resp: 1386
Ion Ratio Lower Upper
43 100
58 27.5 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.20 ug/l
RT: 2.546 min Scan# 248
Delta R.T. 0.000 min
Lab File: VX021220.D
Acq: 15 Mar 2021 23:57

Tgt Ion: 76 Resp: 453
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

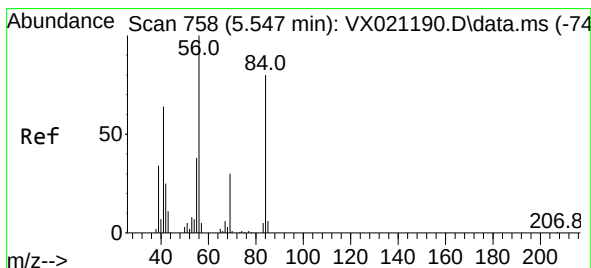
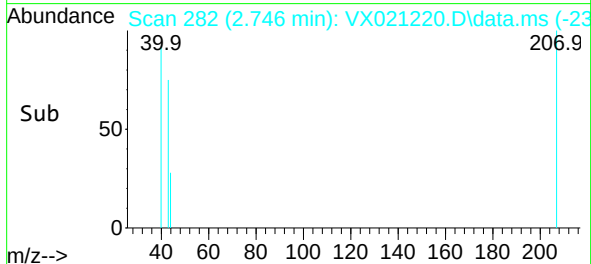
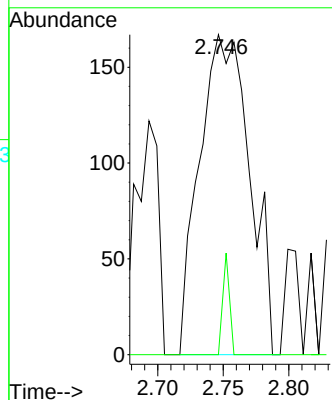
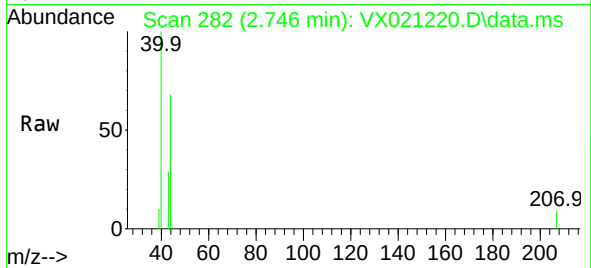




#18
Methyl Acetate
Concen: 0.38 ug/l
RT: 2.746 min Scan# 282
Delta R.T. -0.006 min
Lab File: VX021220.D
Acq: 15 Mar 2021 23:57

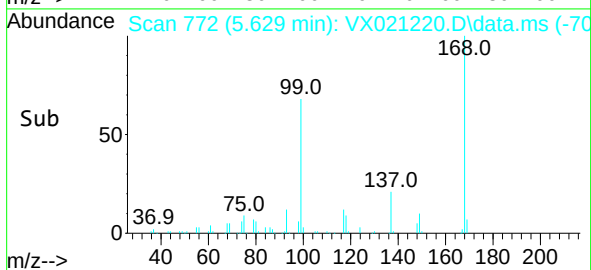
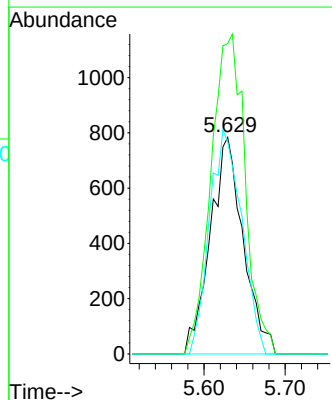
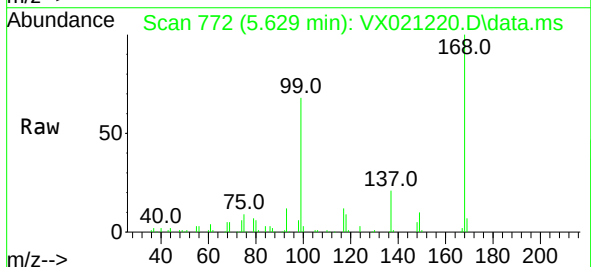
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

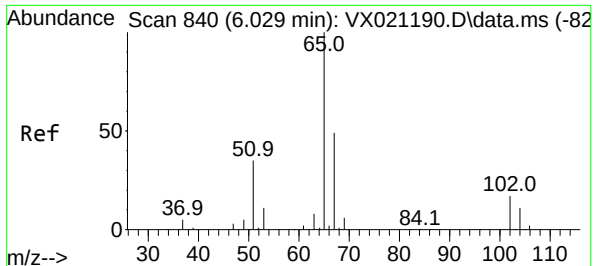
Tgt Ion: 43 Resp: 447
Ion Ratio Lower Upper
43 100
74 4.3 21.9 32.9#



#31
Cyclohexane
Concen: 1.45 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021220.D
Acq: 15 Mar 2021 23:57

Tgt Ion: 56 Resp: 2206
Ion Ratio Lower Upper
56 100
69 143.2 25.3 37.9#
84 98.0 71.4 107.0





#33

1,2-Dichloroethane-d4

Concen: 51.39 ug/l

RT: 6.035 min Scan# 841

Delta R.T. 0.006 min

Lab File: VX021220.D

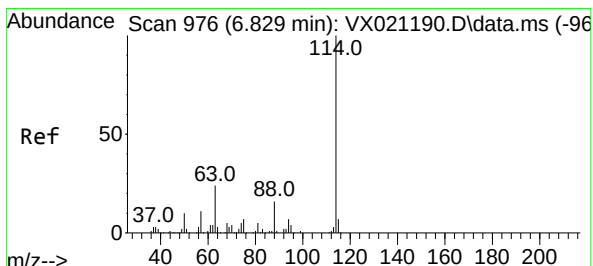
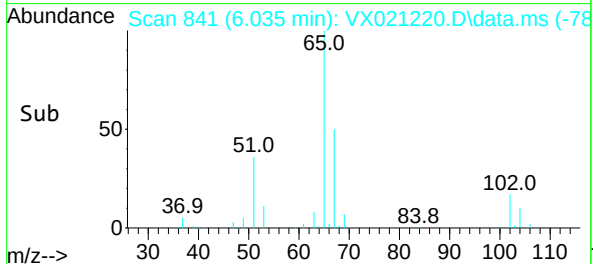
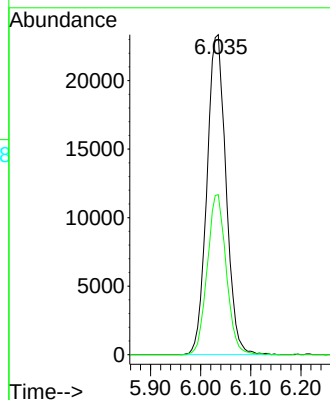
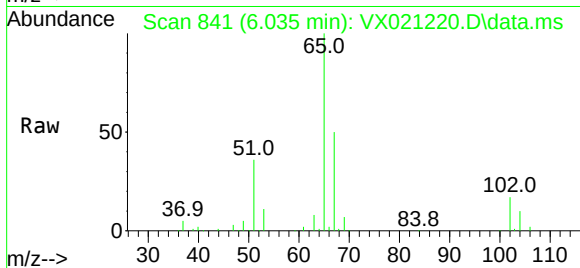
Acq: 15 Mar 2021 23:57

Tgt Ion: 65 Resp: 61719

Ion Ratio Lower Upper

65 100

67 49.8 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.835 min Scan# 977

Delta R.T. 0.006 min

Lab File: VX021220.D

Acq: 15 Mar 2021 23:57

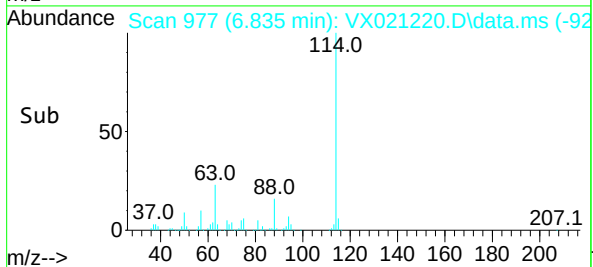
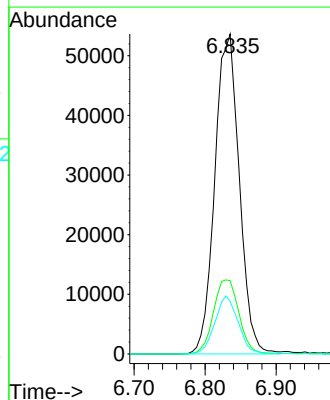
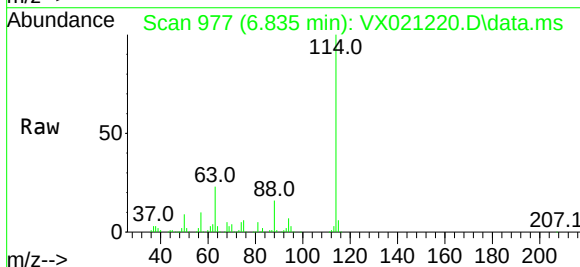
Tgt Ion: 114 Resp: 128192

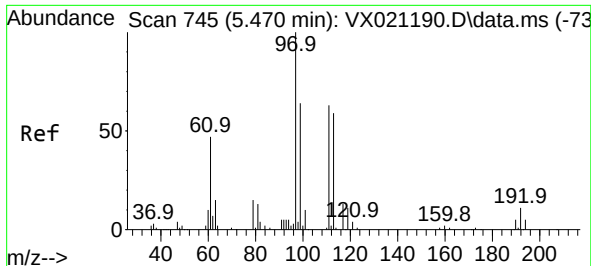
Ion Ratio Lower Upper

114 100

63 22.9 0.0 40.8

88 16.4 0.0 32.8

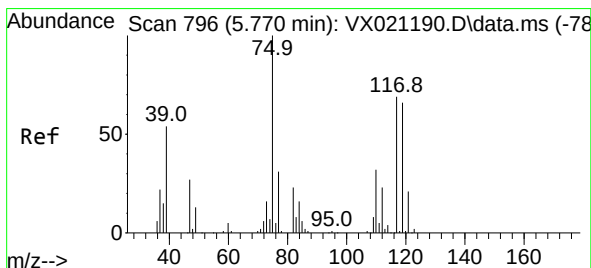
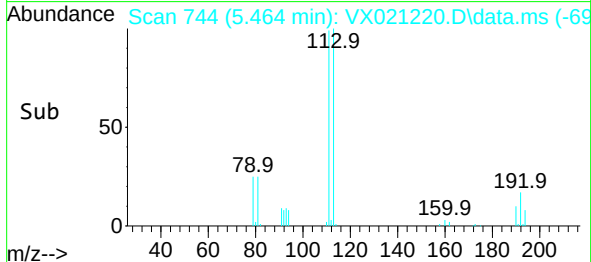
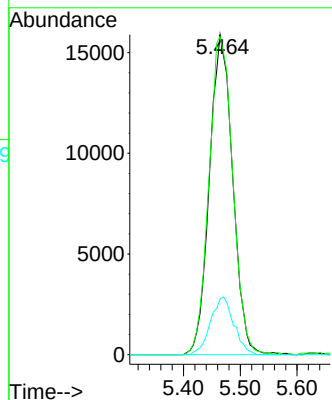
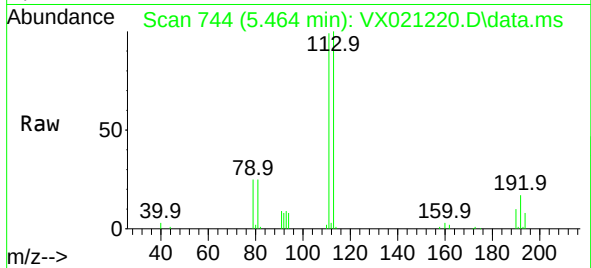




#35
Dibromofluoromethane
Concen: 51.20 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021220.D
Acq: 15 Mar 2021 23:57

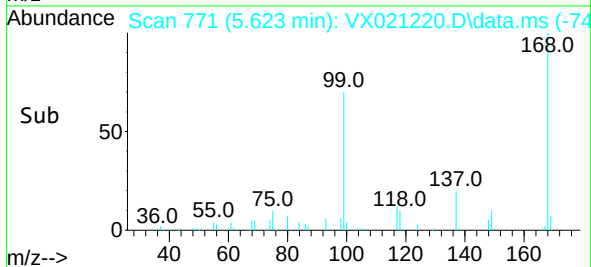
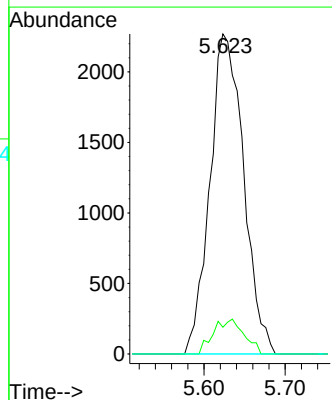
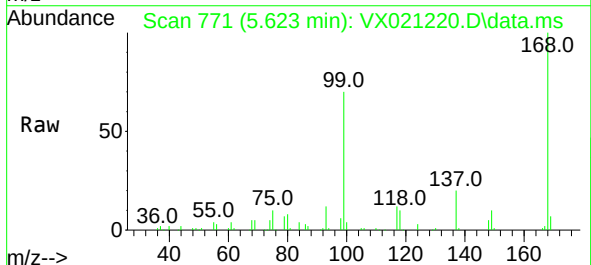
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

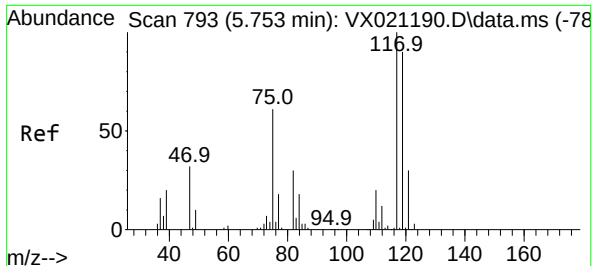
Tgt Ion:113 Resp: 45160
Ion Ratio Lower Upper
113 100
111 102.0 81.9 122.9
192 18.0 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.86 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.147 min
Lab File: VX021220.D
Acq: 15 Mar 2021 23:57

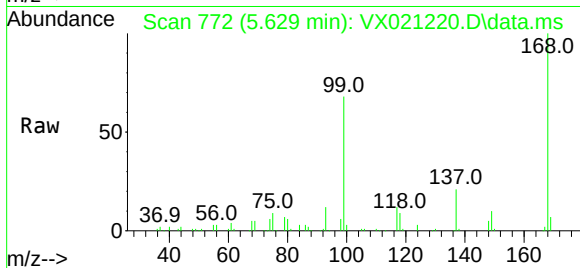
Tgt Ion: 75 Resp: 6535
Ion Ratio Lower Upper
75 100
110 9.9 18.1 54.4#
77 0.0 25.3 37.9#



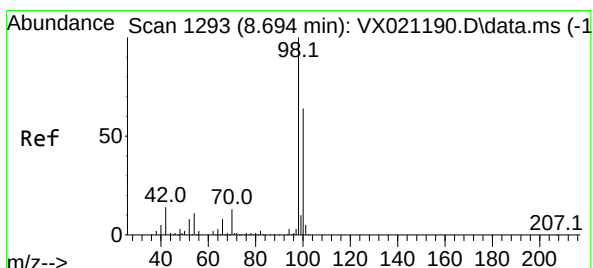
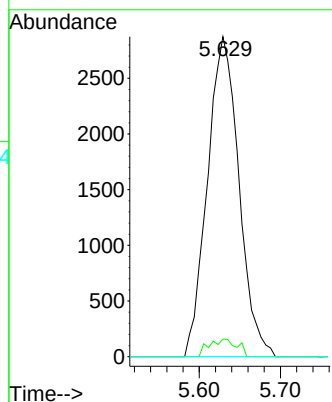
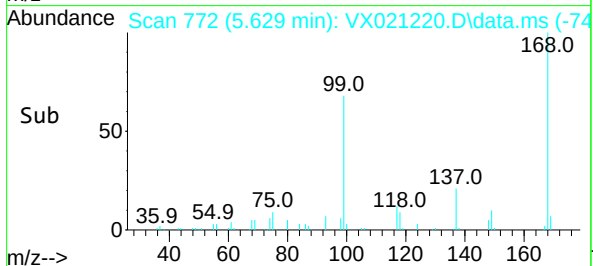


#38
Carbon Tetrachloride
Concen: 5.25 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.124 min
Lab File: VX021220.D
Acq: 15 Mar 2021 23:57

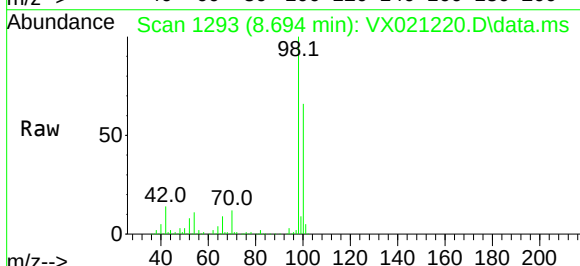
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5



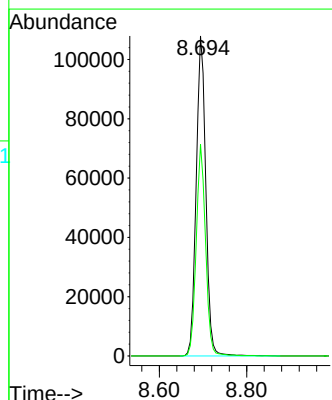
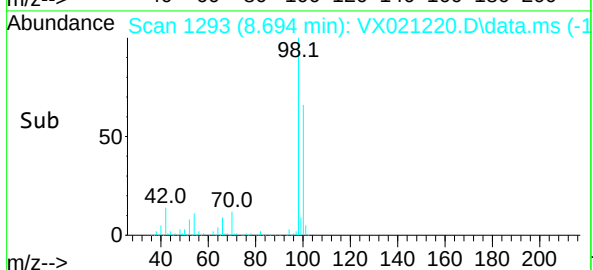
Tgt Ion:117 Resp: 7748
Ion Ratio Lower Upper
117 100
119 5.5 76.2 114.2#
121 0.0 24.8 37.2#

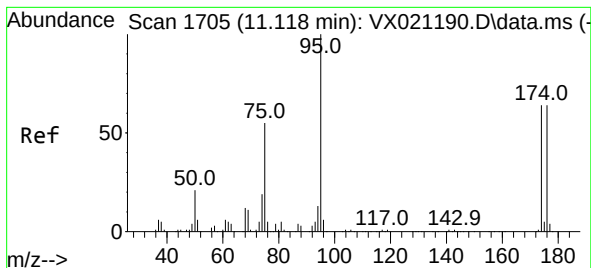


#50
Toluene-d8
Concen: 52.13 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021220.D
Acq: 15 Mar 2021 23:57



Tgt Ion: 98 Resp: 165157
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9

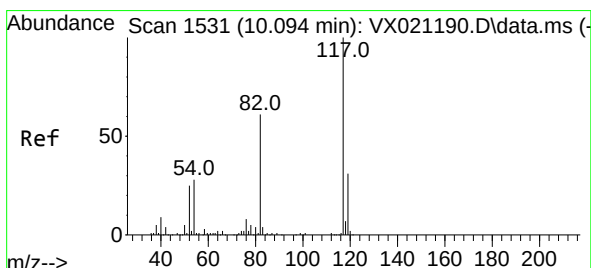
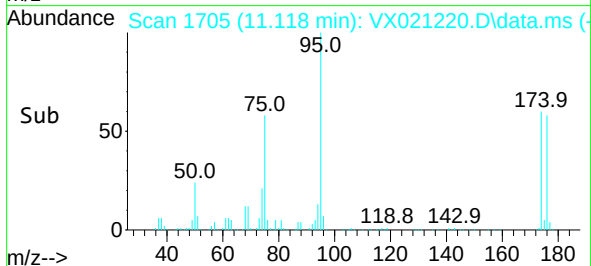
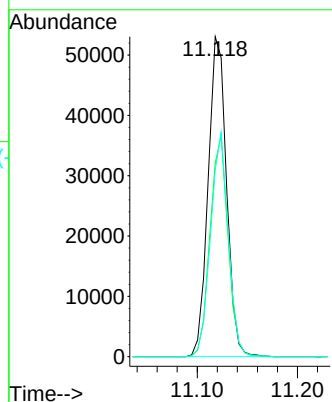
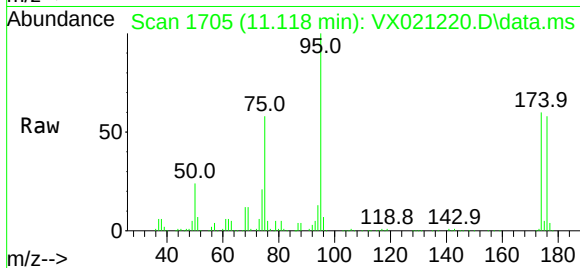




#62
4-Bromofluorobenzene
Concen: 56.10 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VX021220.D
Acq: 15 Mar 2021 23:57

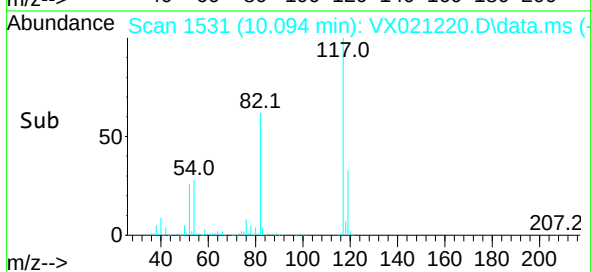
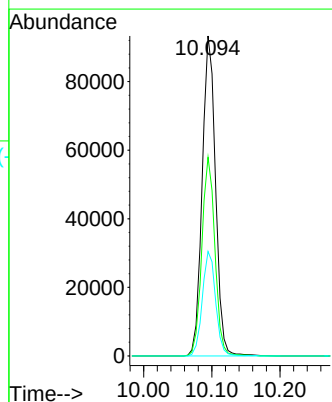
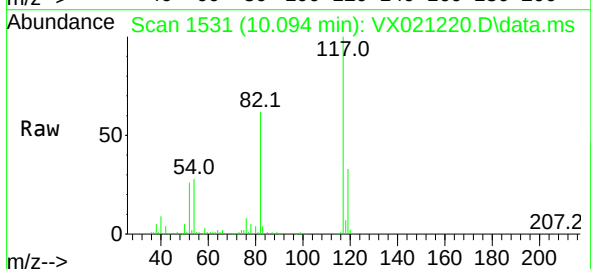
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

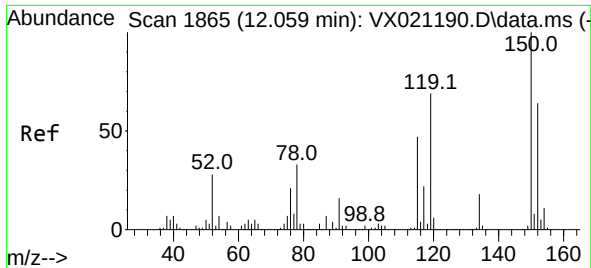
Tgt Ion: 95 Resp: 67740
Ion Ratio Lower Upper
95 100
174 67.6 0.0 154.6
176 67.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021220.D
Acq: 15 Mar 2021 23:57

Tgt Ion: 117 Resp: 127085
Ion Ratio Lower Upper
117 100
82 62.1 47.4 71.2
119 32.6 26.6 39.8

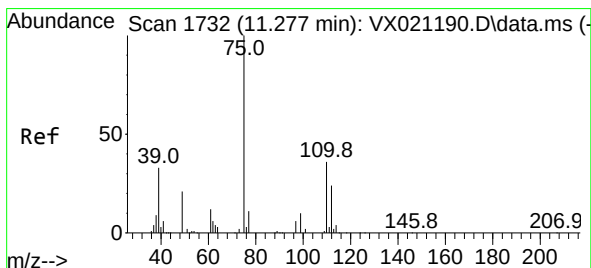
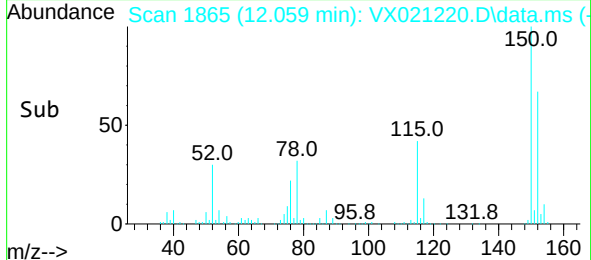
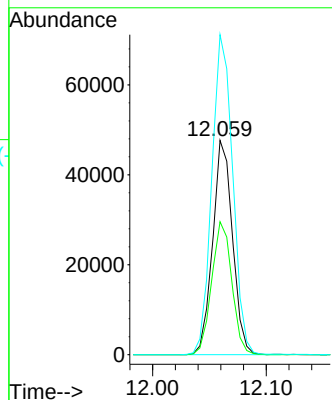
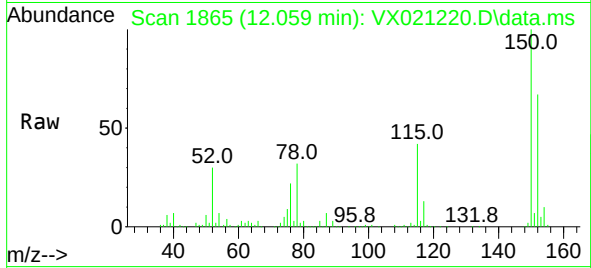




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021220.D
Acq: 15 Mar 2021 23:57

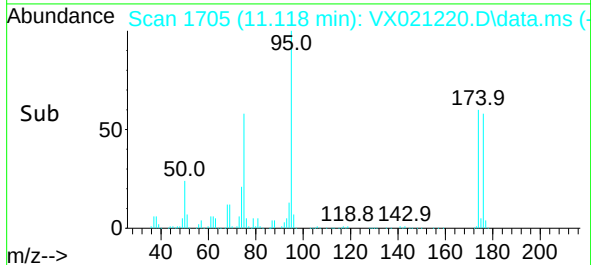
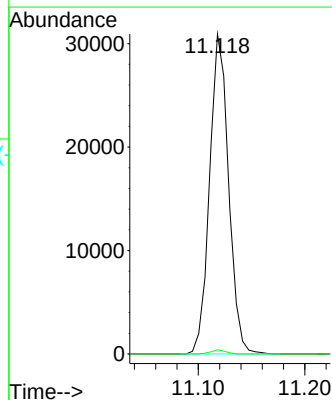
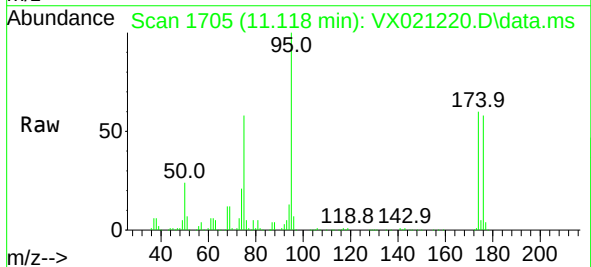
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

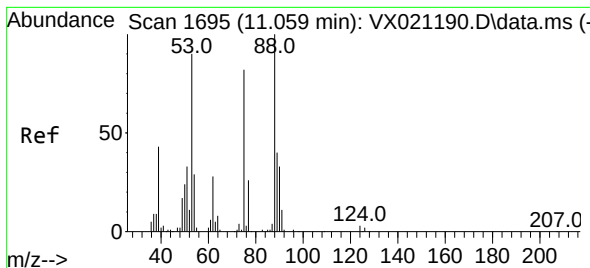
Tgt Ion:152 Resp: 57809
Ion Ratio Lower Upper
152 100
115 62.8 41.1 123.3
150 156.9 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 26.78 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021220.D
Acq: 15 Mar 2021 23:57

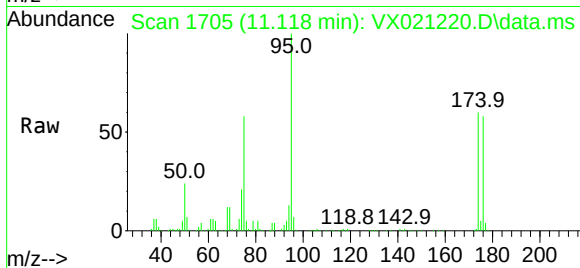
Tgt Ion: 75 Resp: 38391
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



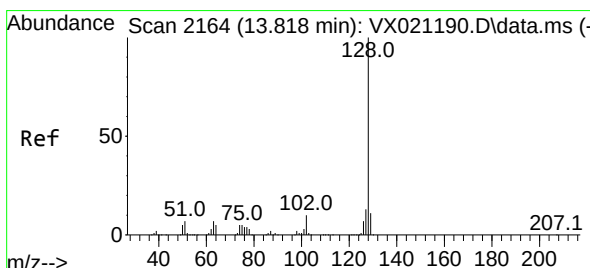
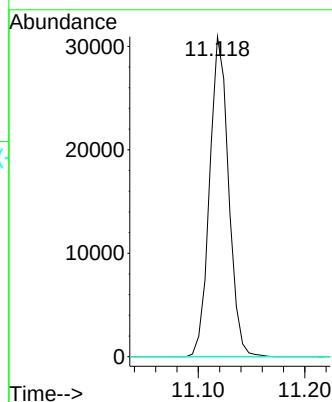
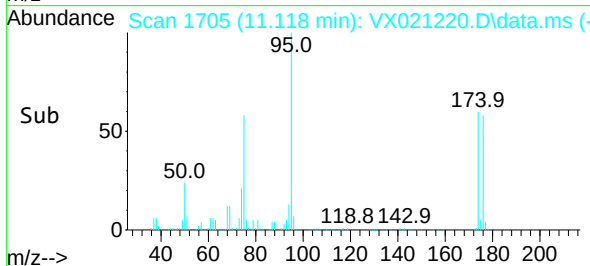


#81
trans-1,4-Dichloro-2-butene
Concen: 76.02 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021220.D
Acq: 15 Mar 2021 23:57

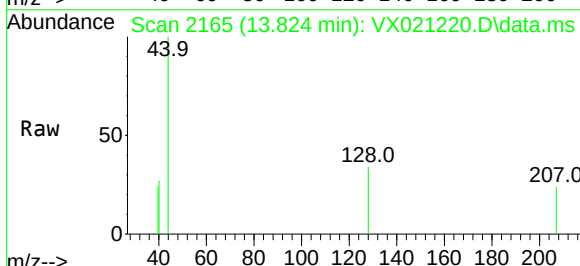
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5



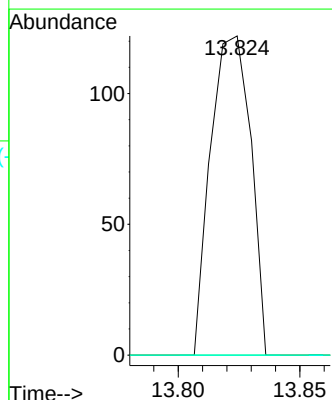
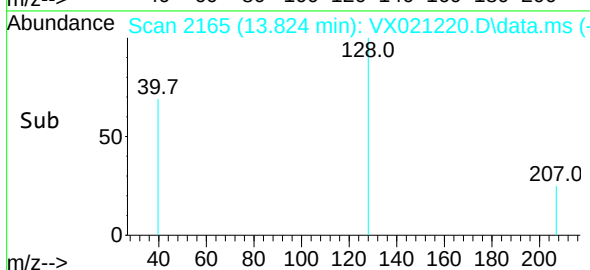
Tgt Ion: 75 Resp: 38391
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

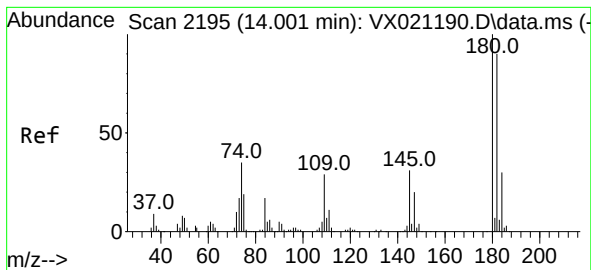


#95
Naphthalene
Concen: 1.50 ug/l
RT: 13.824 min Scan# 2165
Delta R.T. 0.006 min
Lab File: VX021220.D
Acq: 15 Mar 2021 23:57



Tgt Ion: 128 Resp: 140
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.95 ug/l
 RT: 14.007 min Scan# 2196
 Delta R.T. 0.006 min
 Lab File: VX021220.D
 Acq: 15 Mar 2021 23:57

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Tgt Ion:180 Resp: 22
 Ion Ratio Lower Upper
 180 100
 182 168.2 47.6 142.9#
 145 0.0 16.1 48.3#

