

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
 Data File : VX021199.D
 Acq On : 15 Mar 2021 15:11
 Operator : JC/MD
 Sample : M1583-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Mar 16 03:01:52 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	5.635	168	72741	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.829	114	134030	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	127645	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	53789	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	63480	51.18	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.36%
35) Dibromofluoromethane	5.470	113	46028	49.91	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.82%
50) Toluene-d8	8.694	98	168532	50.88	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.76%
62) 4-Bromofluorobenzene	11.118	95	65237	51.68	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	103.36%

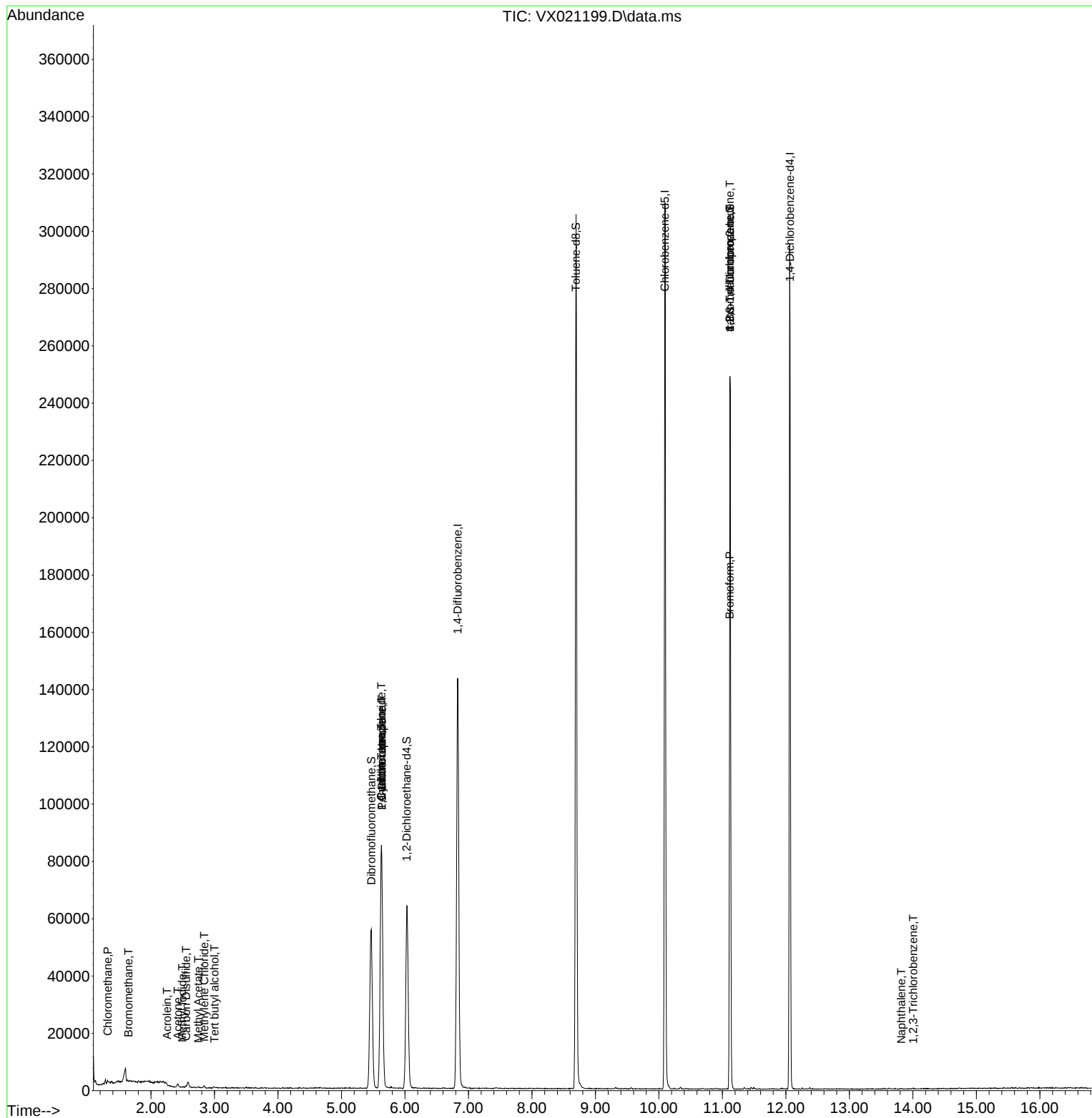
Target Compounds						Qvalue
3) Chloromethane	1.316	50	261	0.28	ug/l	99
5) Bromomethane	1.646	94	369	0.69	ug/l #	70
10) Methyl Iodide	2.493	142	319	0.30	ug/l #	87
11) Tert butyl alcohol	2.999	59	162	0.75	ug/l #	73
13) Acrolein	2.252	56	54	0.41	ug/l #	14
16) Acetone	2.422	43	1179	2.36	ug/l #	65
17) Carbon Disulfide	2.552	76	517	0.22	ug/l #	75
18) Methyl Acetate	2.746	43	463	0.38	ug/l #	47
20) Methylene Chloride	2.840	84	267	0.28	ug/l #	77
31) Cyclohexane	5.629	56	2161	1.38	ug/l #	33
36) 1,1-Dichloropropene	5.635	75	6673	4.75	ug/l #	49
38) Carbon Tetrachloride	5.629	117	8209	5.32	ug/l #	20
71) Bromoform	11.112	173	118	1.58	ug/l #	29
76) 1,2,3-Trichloropropane	11.118	75	36528	27.39	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	36528	77.73	ug/l #	12
95) Naphthalene	13.818	128	265	1.53	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.006	180	48	0.97	ug/l #	75

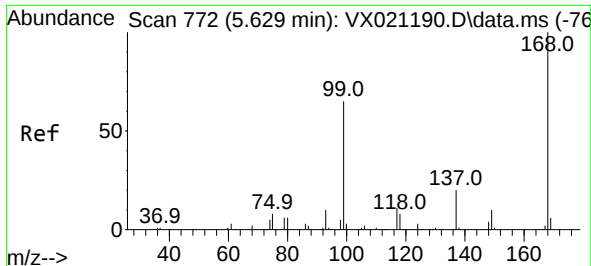
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Quant Time: Mar 16 03:01:52 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

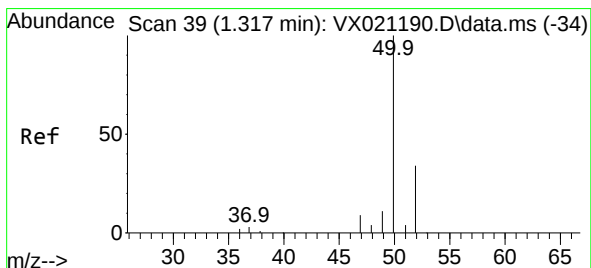
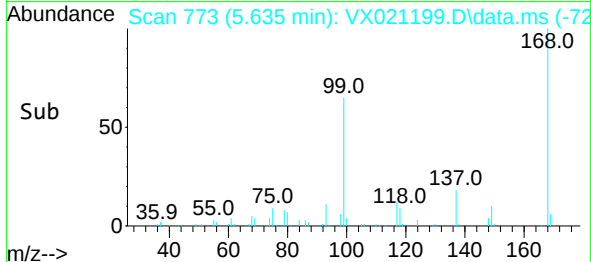
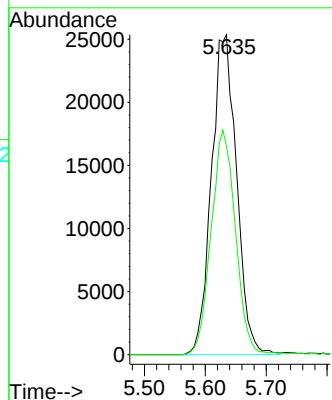
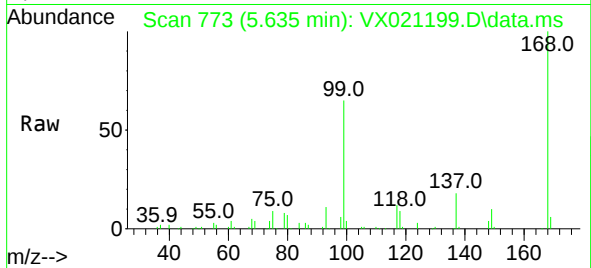




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.012 min
Lab File: VX021199.D
Acq: 15 Mar 2021 15:11

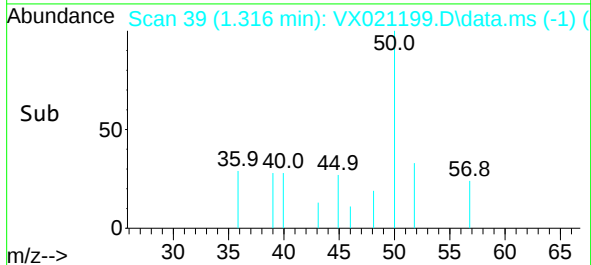
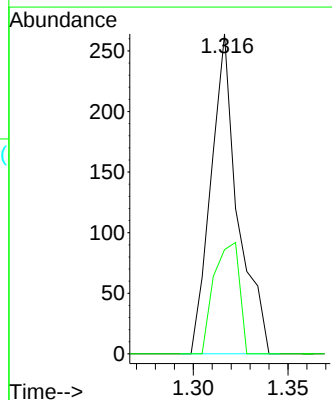
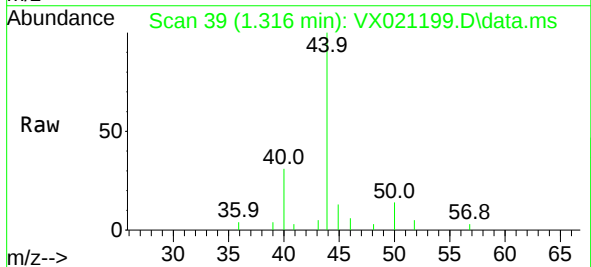
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

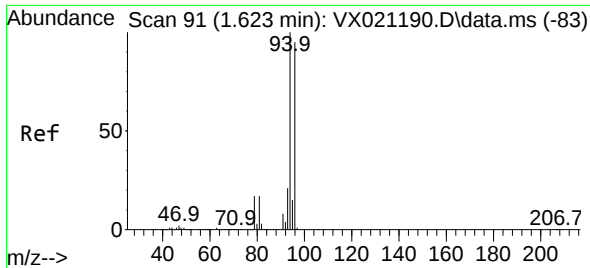
Tgt Ion:168 Resp: 72741
Ion Ratio Lower Upper
168 100
99 65.1 45.8 68.6



#3
Chloromethane
Concen: 0.28 ug/l
RT: 1.316 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021199.D
Acq: 15 Mar 2021 15:11

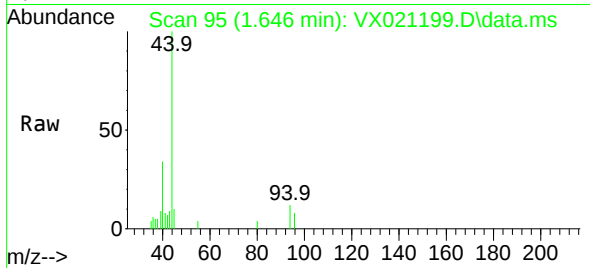
Tgt Ion: 50 Resp: 261
Ion Ratio Lower Upper
50 100
52 32.6 26.4 39.6



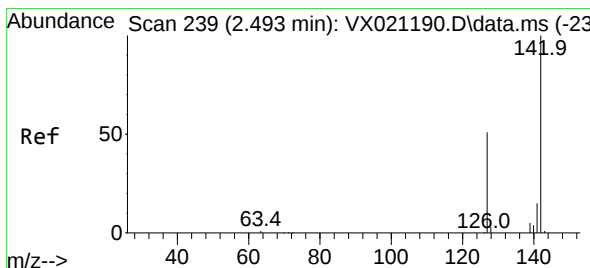
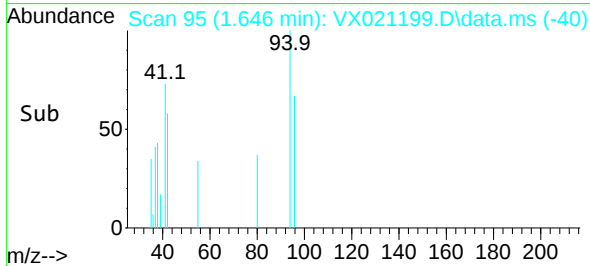
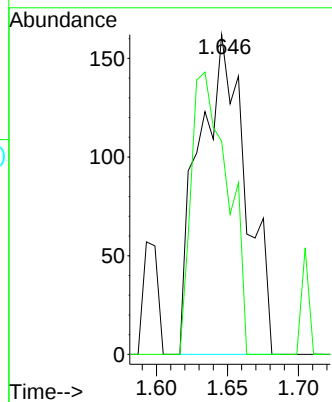


#5
Bromomethane
Concen: 0.69 ug/l
RT: 1.646 min Scan# 95
Delta R.T. 0.023 min
Lab File: VX021199.D
Acq: 15 Mar 2021 15:11

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

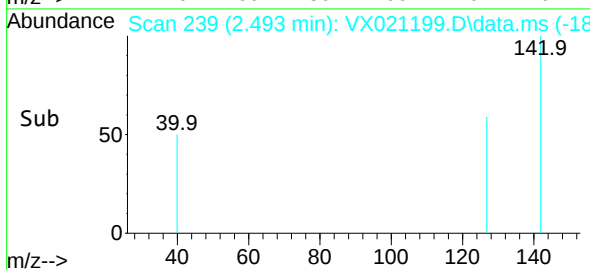
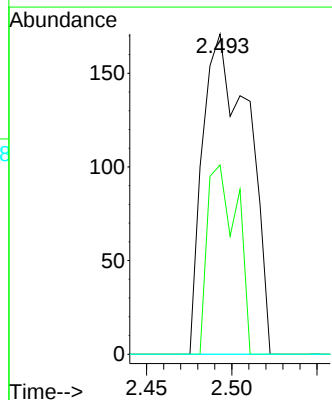
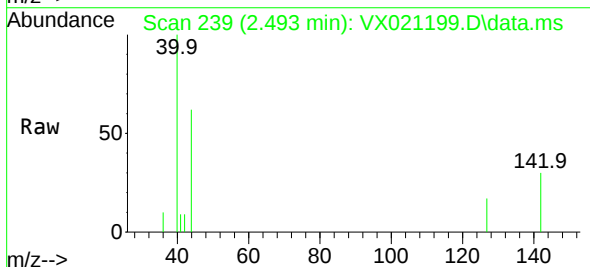


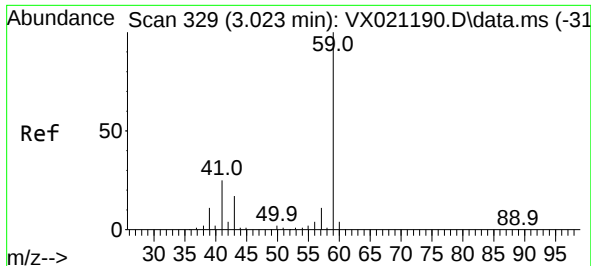
Tgt Ion: 94 Resp: 369
Ion Ratio Lower Upper
94 100
96 66.7 76.4 114.6#



#10
Methyl Iodide
Concen: 0.30 ug/l
RT: 2.493 min Scan# 239
Delta R.T. 0.006 min
Lab File: VX021199.D
Acq: 15 Mar 2021 15:11

Tgt Ion: 142 Resp: 319
Ion Ratio Lower Upper
142 100
127 38.2 33.3 49.9
141 0.0 11.4 17.0#

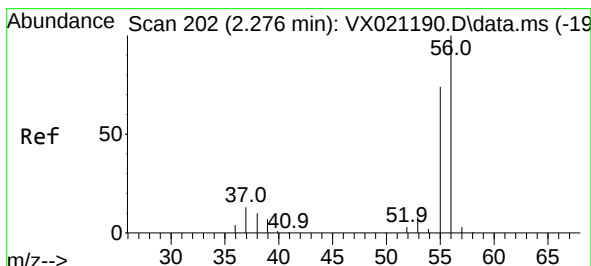
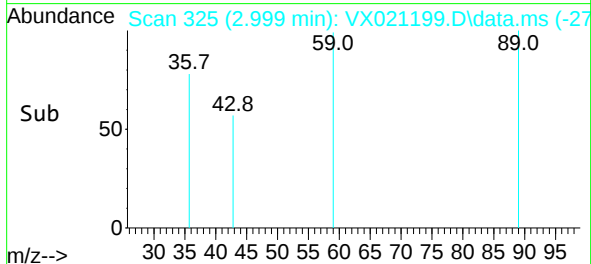
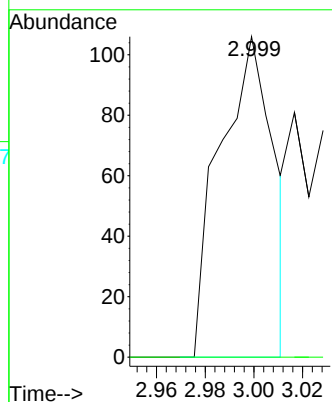
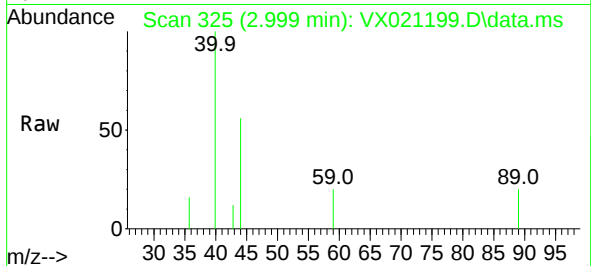




#11
Tert butyl alcohol
Concen: 0.75 ug/l
RT: 2.999 min Scan# 325
Delta R.T. -0.018 min
Lab File: VX021199.D
Acq: 15 Mar 2021 15:11

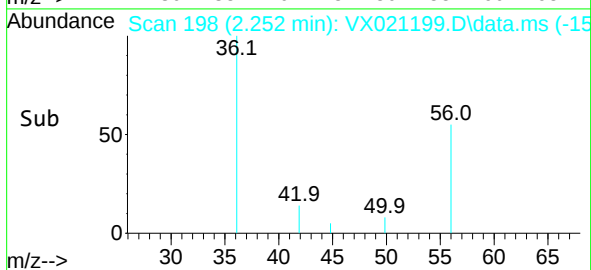
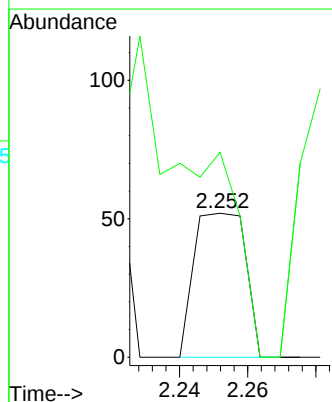
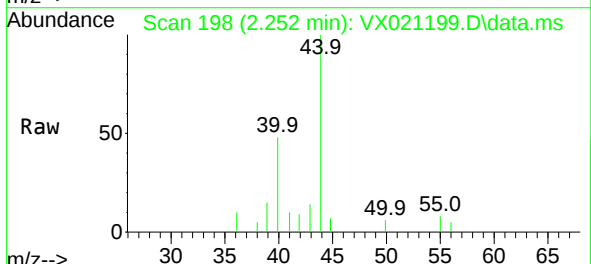
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

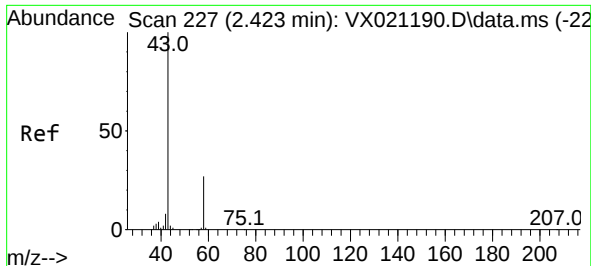
Tgt Ion: 59 Resp: 162
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 0.41 ug/l
RT: 2.252 min Scan# 198
Delta R.T. -0.024 min
Lab File: VX021199.D
Acq: 15 Mar 2021 15:11

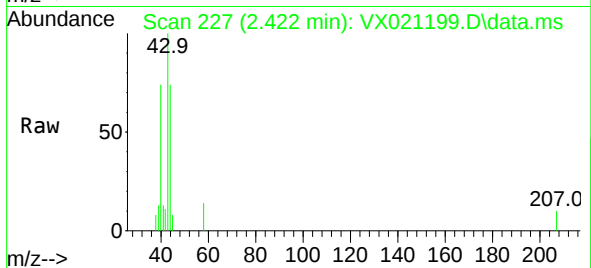
Tgt Ion: 56 Resp: 54
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



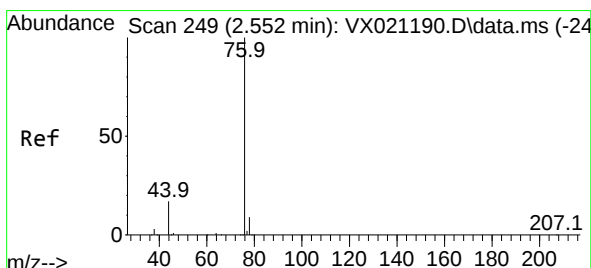
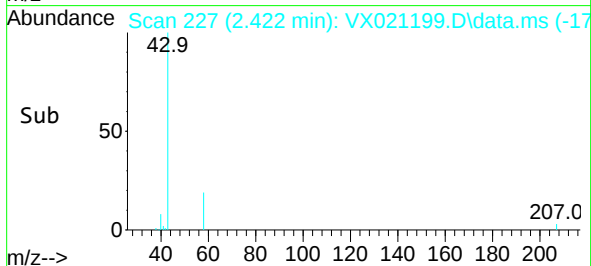
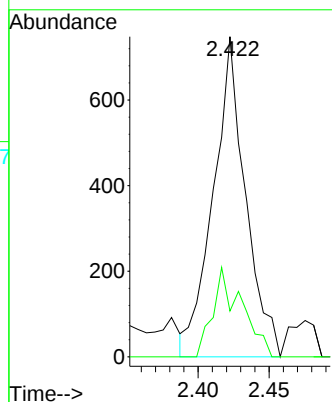


#16
Acetone
Concen: 2.36 ug/l
RT: 2.422 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021199.D
Acq: 15 Mar 2021 15:11

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

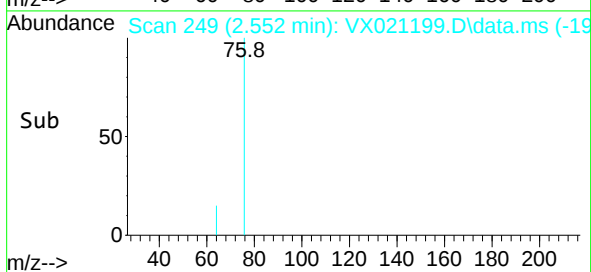
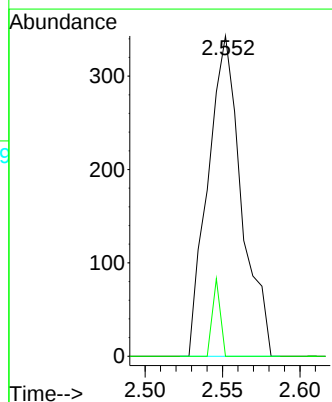
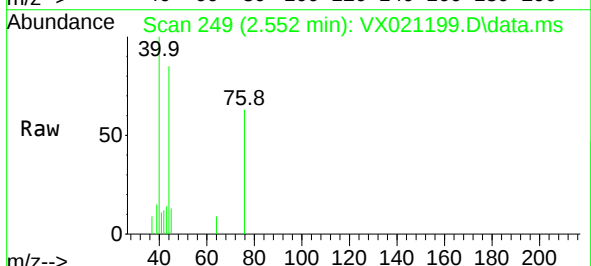


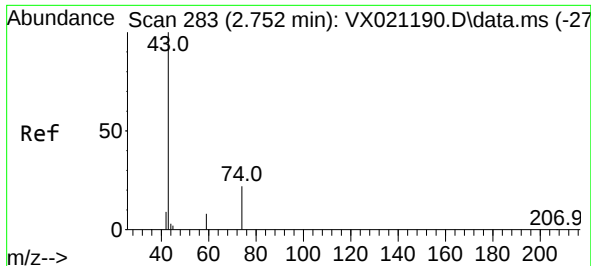
Tgt Ion: 43 Resp: 1179
Ion Ratio Lower Upper
43 100
58 14.3 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.22 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.006 min
Lab File: VX021199.D
Acq: 15 Mar 2021 15:11

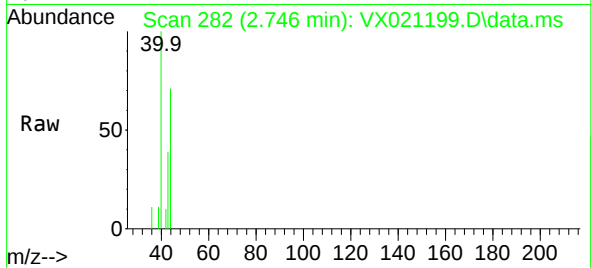
Tgt Ion: 76 Resp: 517
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



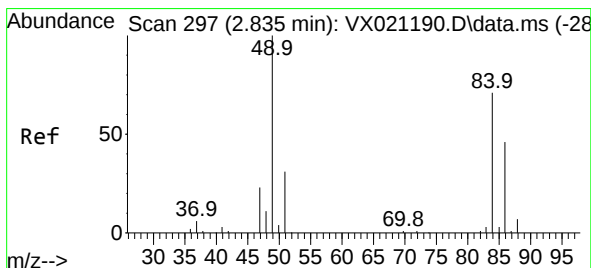
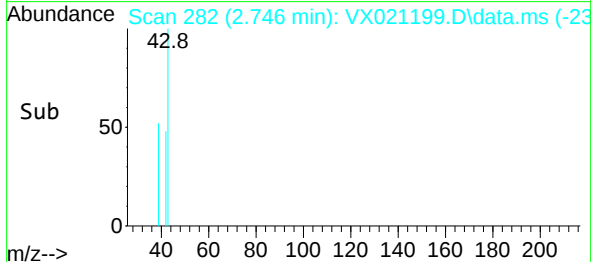
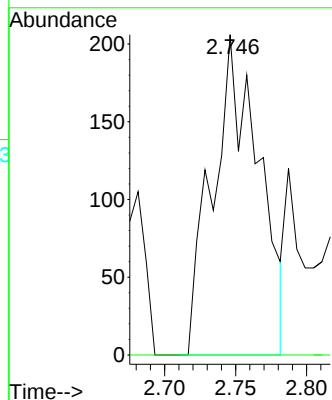


#18
Methyl Acetate
Concen: 0.38 ug/l
RT: 2.746 min Scan# 282
Delta R.T. -0.006 min
Lab File: VX021199.D
Acq: 15 Mar 2021 15:11

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

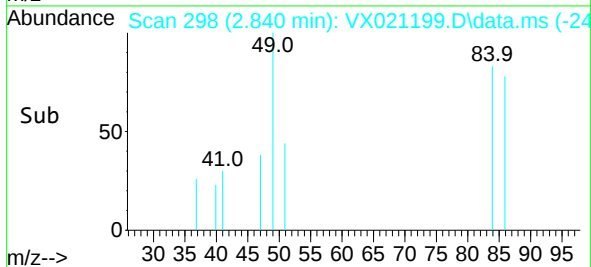
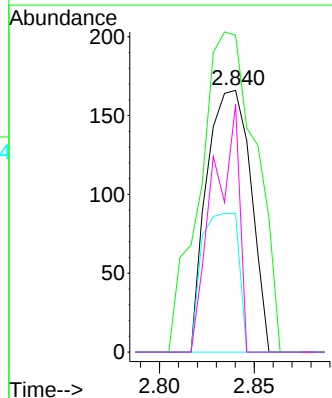
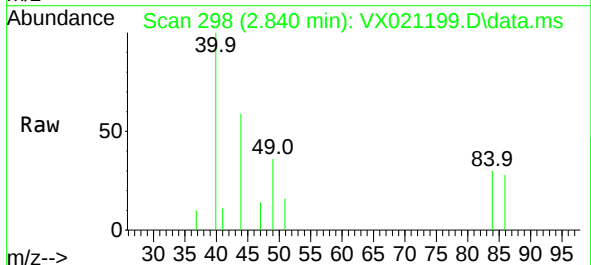


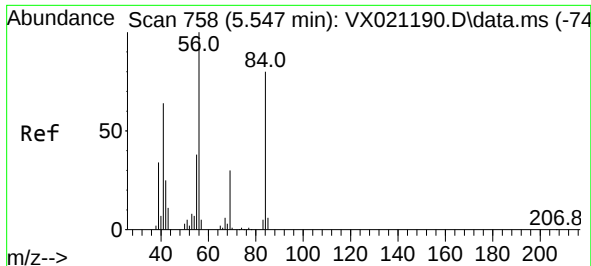
Tgt Ion: 43 Resp: 463
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.28 ug/l
RT: 2.840 min Scan# 298
Delta R.T. 0.006 min
Lab File: VX021199.D
Acq: 15 Mar 2021 15:11

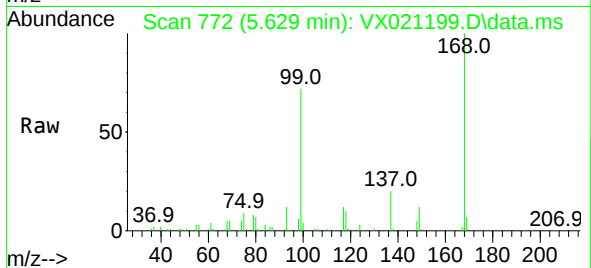
Tgt Ion: 84 Resp: 267
Ion Ratio Lower Upper
84 100
49 121.1 88.6 132.8
51 53.0 27.0 40.6#
86 94.6 50.3 75.5#



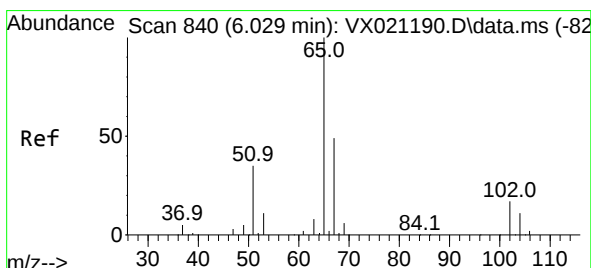
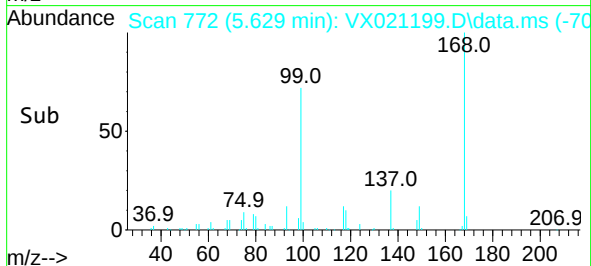
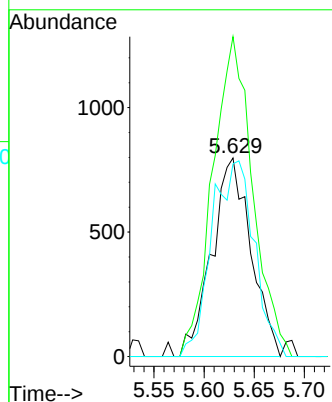


#31
Cyclohexane
Concen: 1.38 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021199.D
Acq: 15 Mar 2021 15:11

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

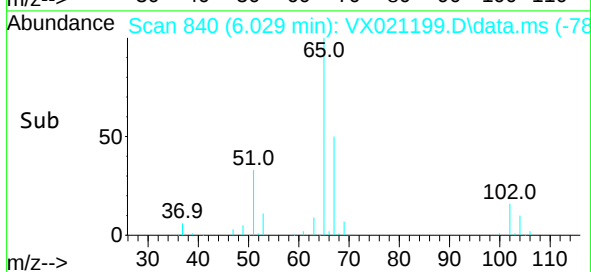
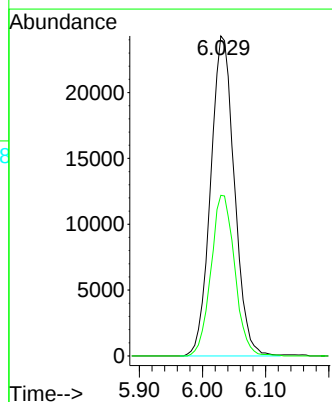
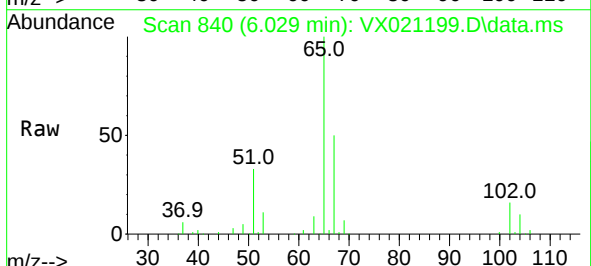


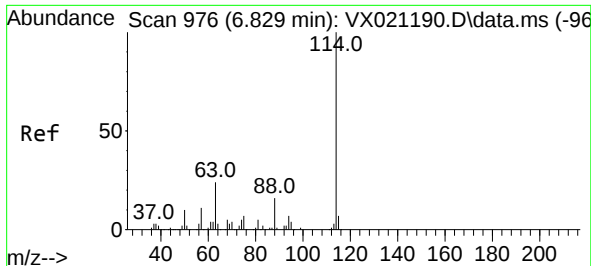
Tgt Ion: 56 Resp: 2161
Ion Ratio Lower Upper
56 100
69 161.0 25.3 37.9#
84 97.0 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 51.18 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021199.D
Acq: 15 Mar 2021 15:11

Tgt Ion: 65 Resp: 63480
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.4

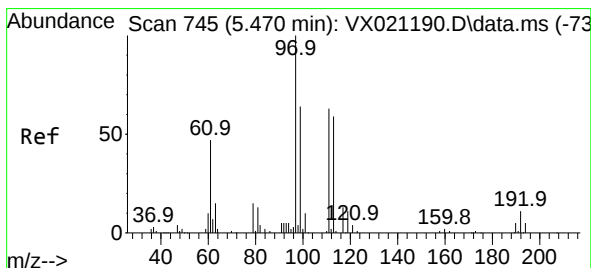
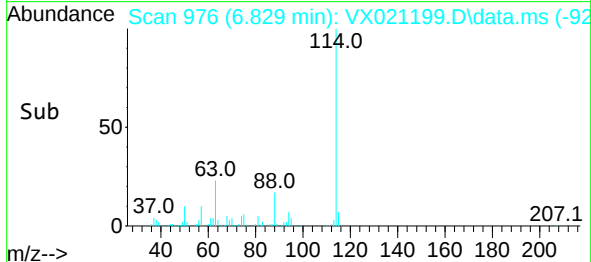
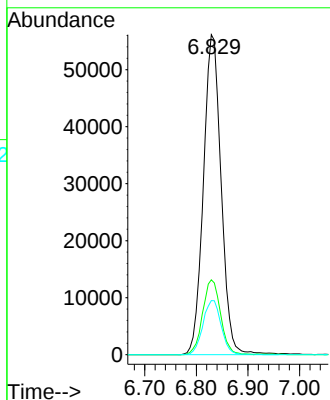
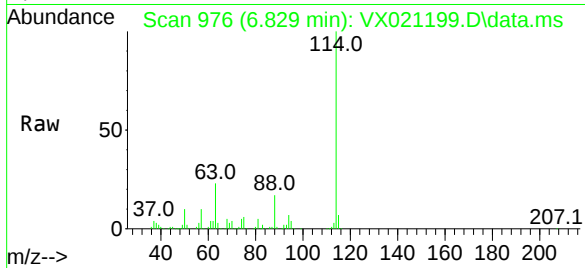




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021199.D
Acq: 15 Mar 2021 15:11

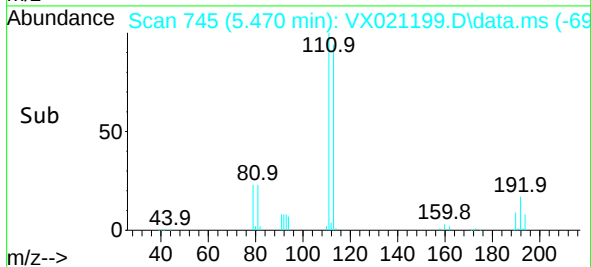
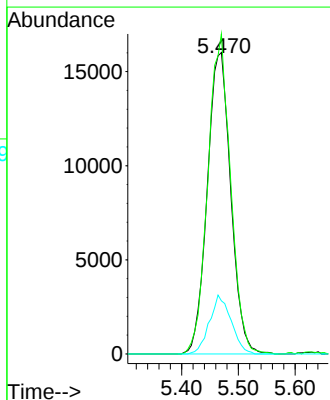
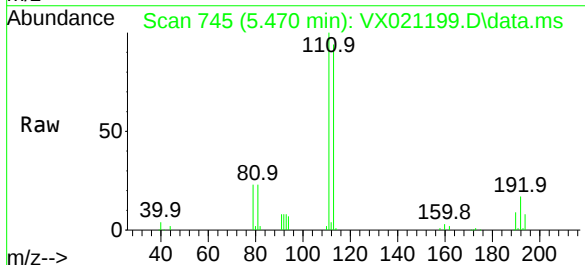
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

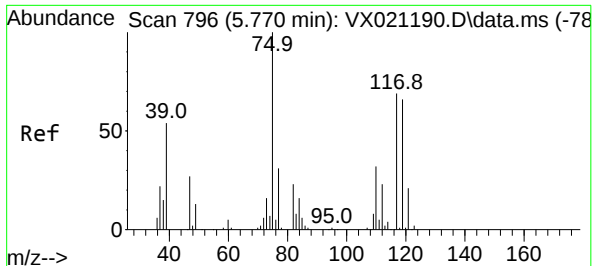
Tgt Ion:114 Resp: 134030
Ion Ratio Lower Upper
114 100
63 23.4 0.0 40.8
88 16.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.91 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021199.D
Acq: 15 Mar 2021 15:11

Tgt Ion:113 Resp: 46028
Ion Ratio Lower Upper
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111 102.4 81.9 122.9
192 18.0 16.7 25.1

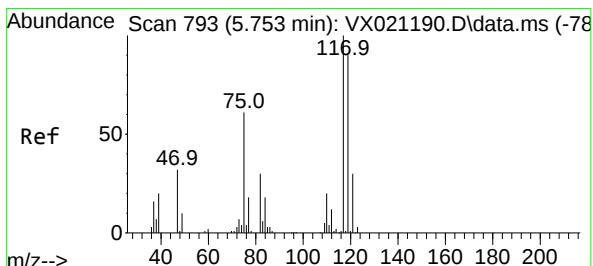
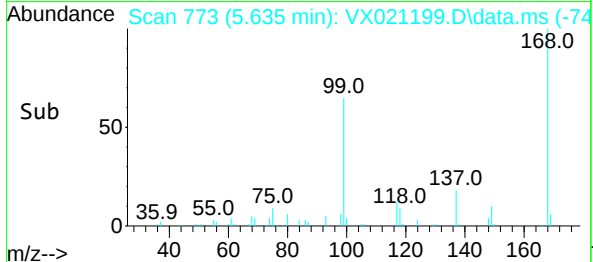
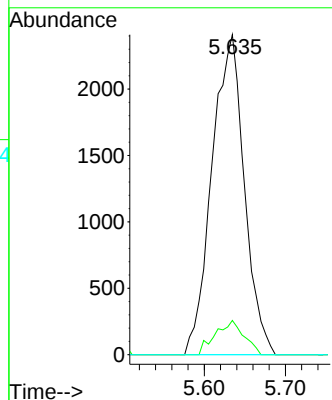
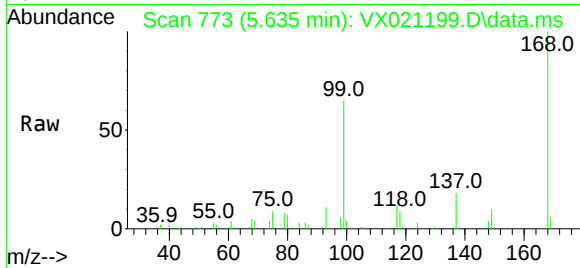




#36
1,1-Dichloropropene
Concen: 4.75 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.136 min
Lab File: VX021199.D
Acq: 15 Mar 2021 15:11

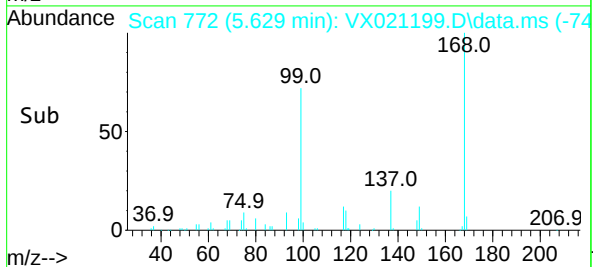
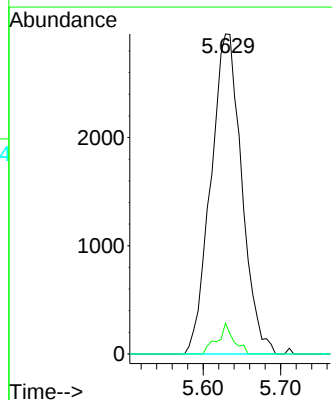
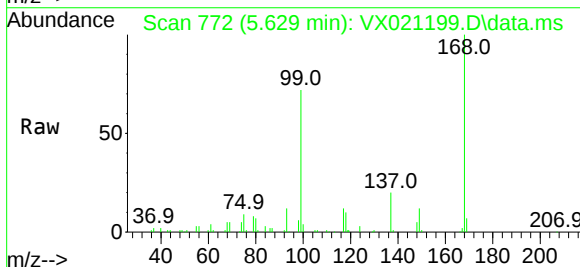
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

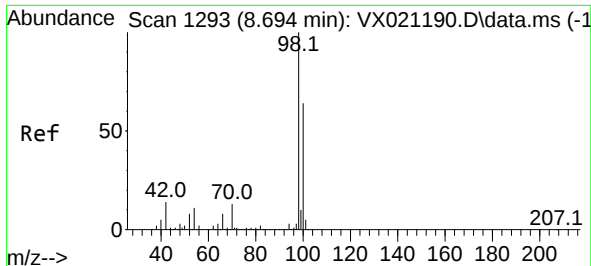
Tgt Ion: 75 Resp: 6673
Ion Ratio Lower Upper
75 100
110 9.5 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.32 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.124 min
Lab File: VX021199.D
Acq: 15 Mar 2021 15:11

Tgt Ion: 117 Resp: 8209
Ion Ratio Lower Upper
117 100
119 9.6 76.2 114.2#
121 0.0 24.8 37.2#

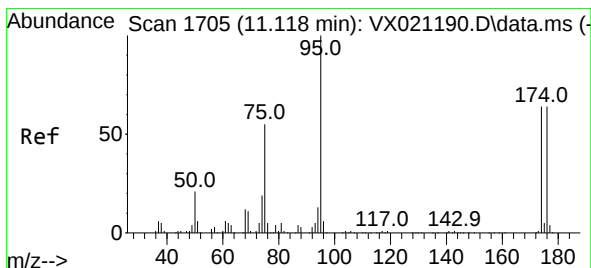
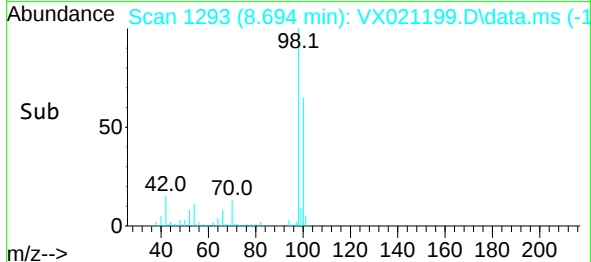
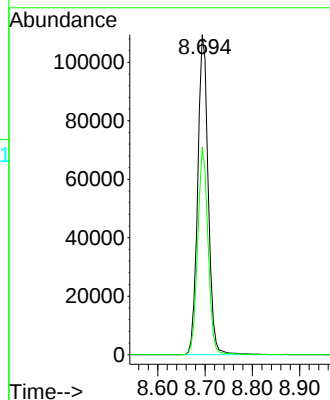
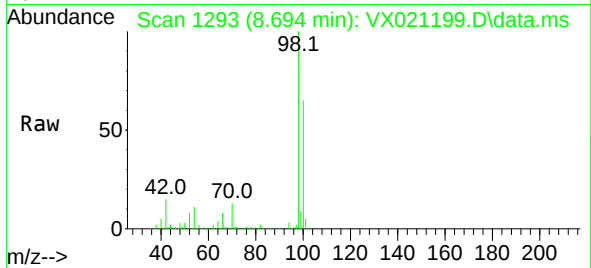




#50
Toluene-d8
Concen: 50.88 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021199.D
Acq: 15 Mar 2021 15:11

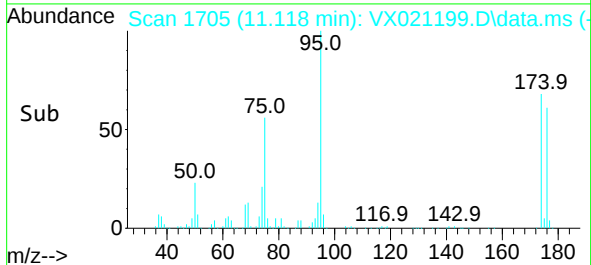
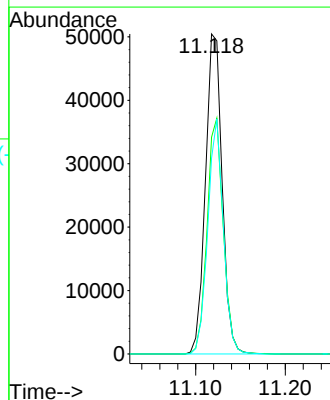
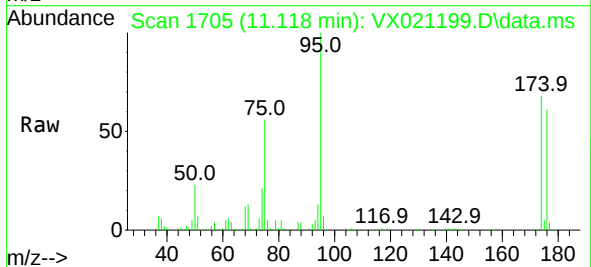
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

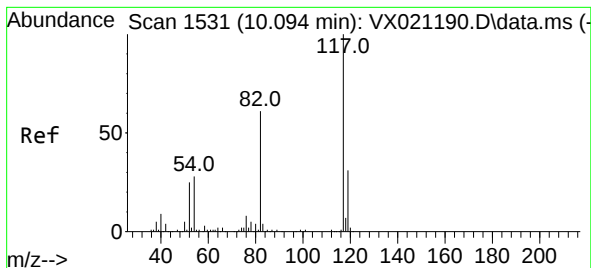
Tgt Ion: 98 Resp: 168532
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 51.68 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021199.D
Acq: 15 Mar 2021 15:11

Tgt Ion: 95 Resp: 65237
Ion Ratio Lower Upper
95 100
174 71.4 0.0 154.6
176 68.3 0.0 155.8

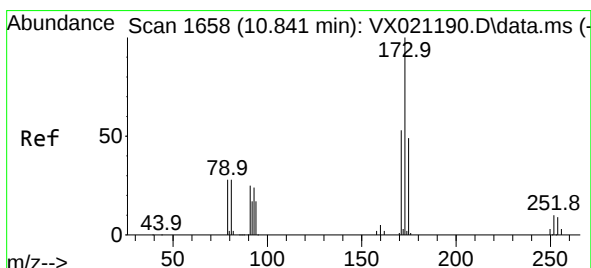
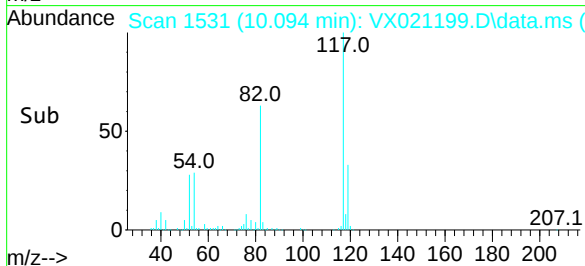
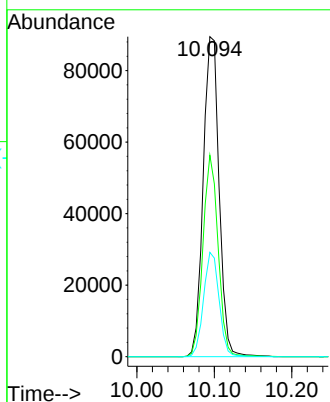
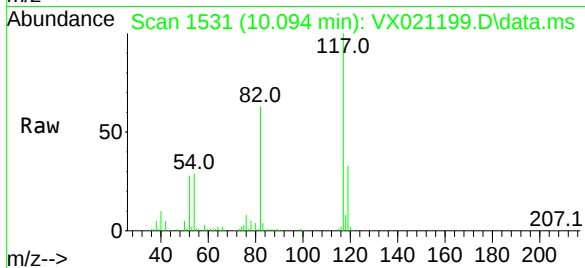




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021199.D
Acq: 15 Mar 2021 15:11

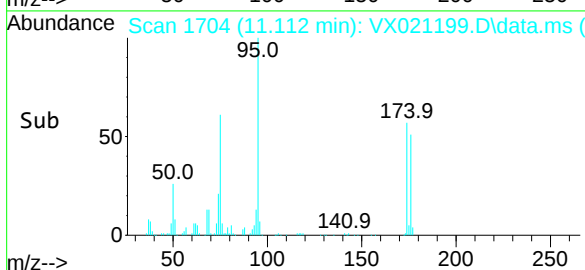
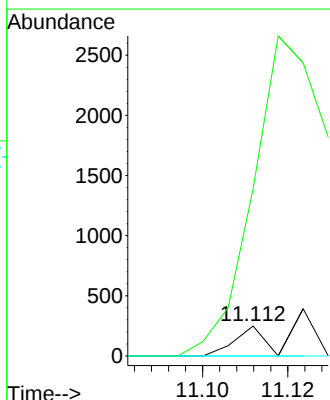
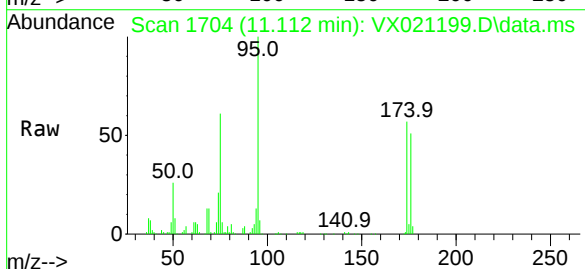
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

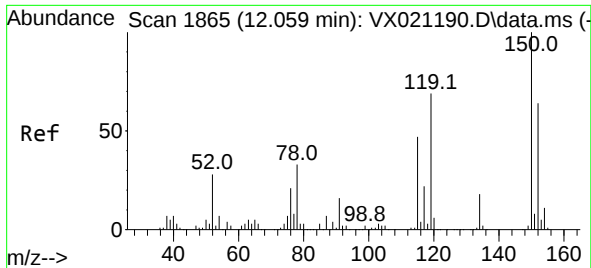
Tgt Ion:117 Resp: 127645
Ion Ratio Lower Upper
117 100
82 63.0 47.4 71.2
119 32.6 26.6 39.8



#71
Bromoform
Concen: 1.58 ug/l
RT: 11.112 min Scan# 1704
Delta R.T. 0.271 min
Lab File: VX021199.D
Acq: 15 Mar 2021 15:11

Tgt Ion:173 Resp: 118
Ion Ratio Lower Upper
173 100
175 0.0 23.9 71.8#
254 0.0 0.1 0.1#

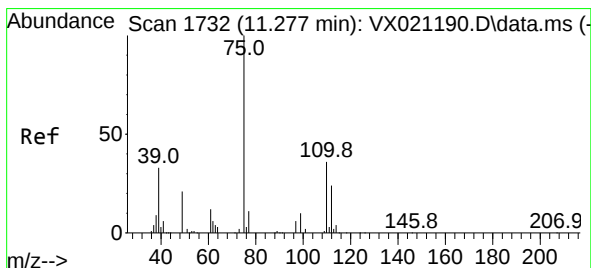
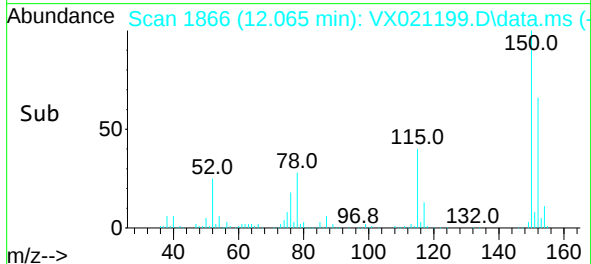
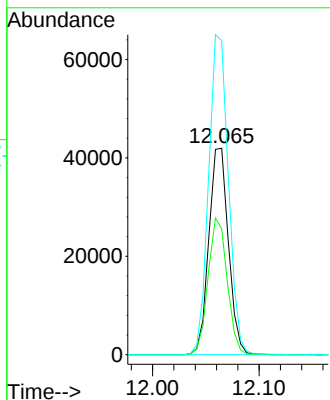
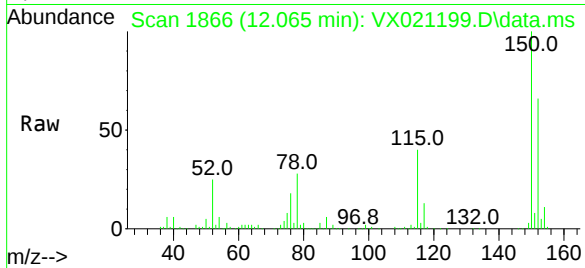




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VX021199.D
Acq: 15 Mar 2021 15:11

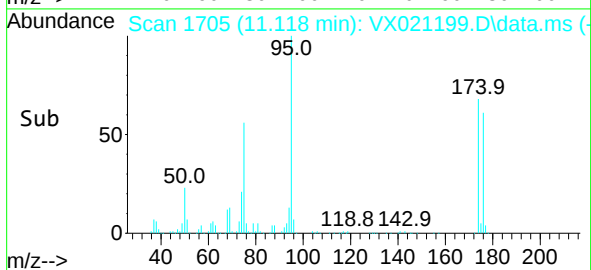
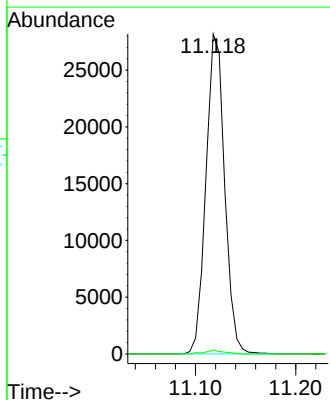
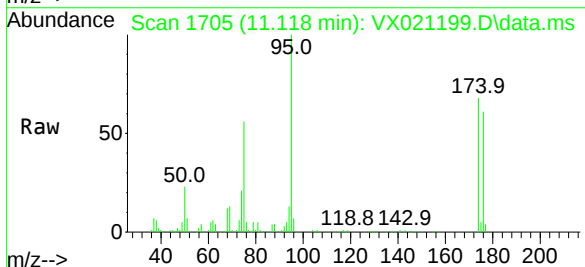
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

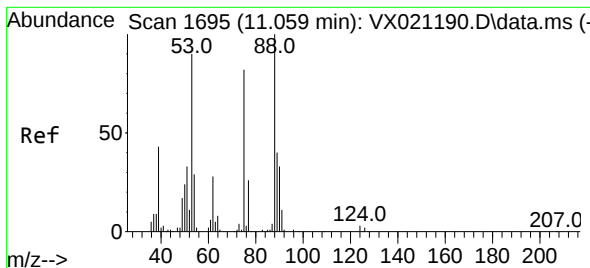
Tgt Ion:152 Resp: 53789
Ion Ratio Lower Upper
152 100
115 64.6 41.1 123.3
150 156.1 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 27.39 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021199.D
Acq: 15 Mar 2021 15:11

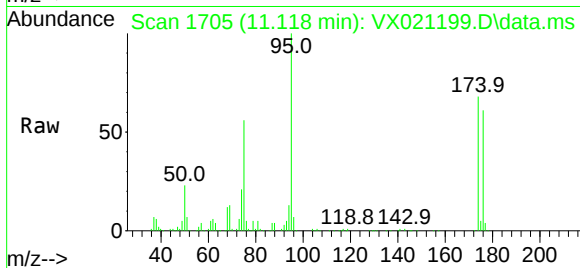
Tgt Ion: 75 Resp: 36528
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



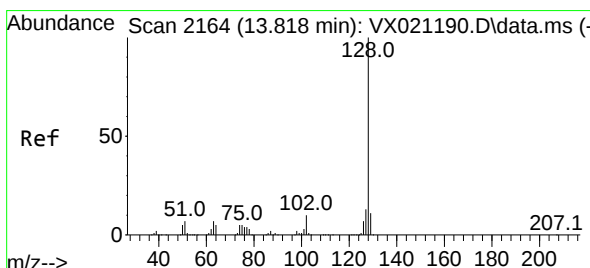
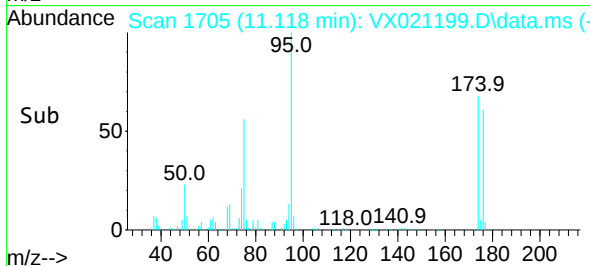
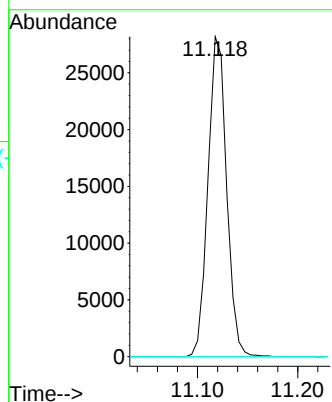


#81
trans-1,4-Dichloro-2-butene
Concen: 77.73 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021199.D
Acq: 15 Mar 2021 15:11

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

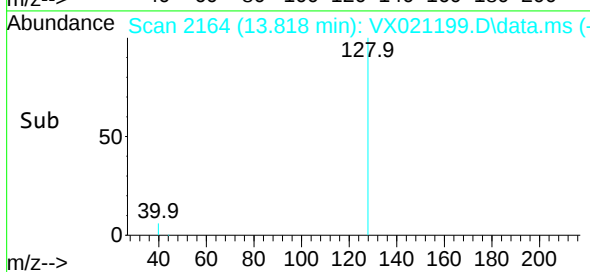
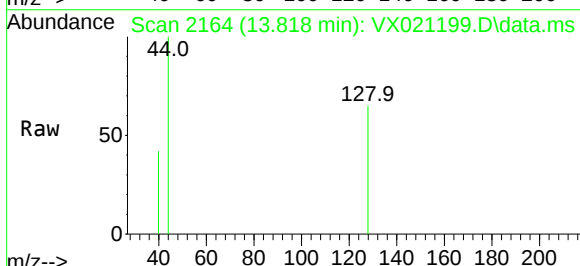
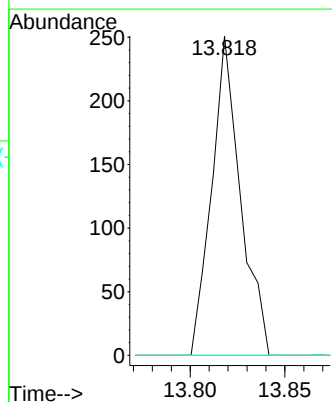


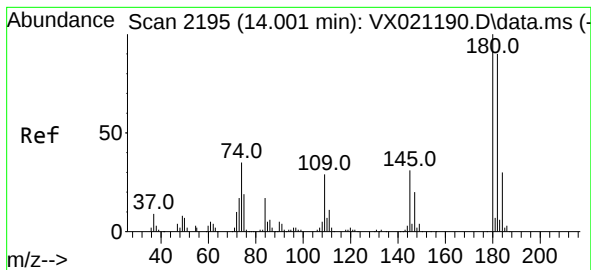
Tgt Ion: 75 Resp: 36528
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.53 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX021199.D
Acq: 15 Mar 2021 15:11

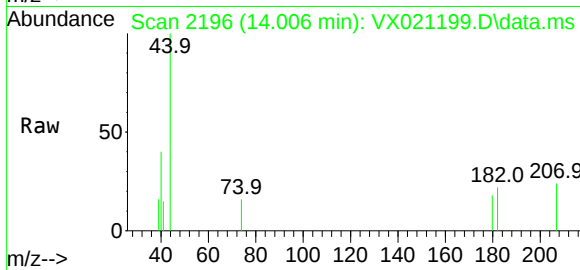
Tgt Ion: 128 Resp: 265
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.97 ug/l
 RT: 14.006 min Scan# 2196
 Delta R.T. 0.005 min
 Lab File: VX021199.D
 Acq: 15 Mar 2021 15:11

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



Tgt Ion:180 Resp: 48
 Ion Ratio Lower Upper
 180 100
 182 108.3 47.6 142.9
 145 0.0 16.1 48.3#

