

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
 Data File : VX021633.D
 Acq On : 30 Mar 2021 16:31
 Operator : JC/MD
 Sample : M1849-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Mar 31 04:59:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

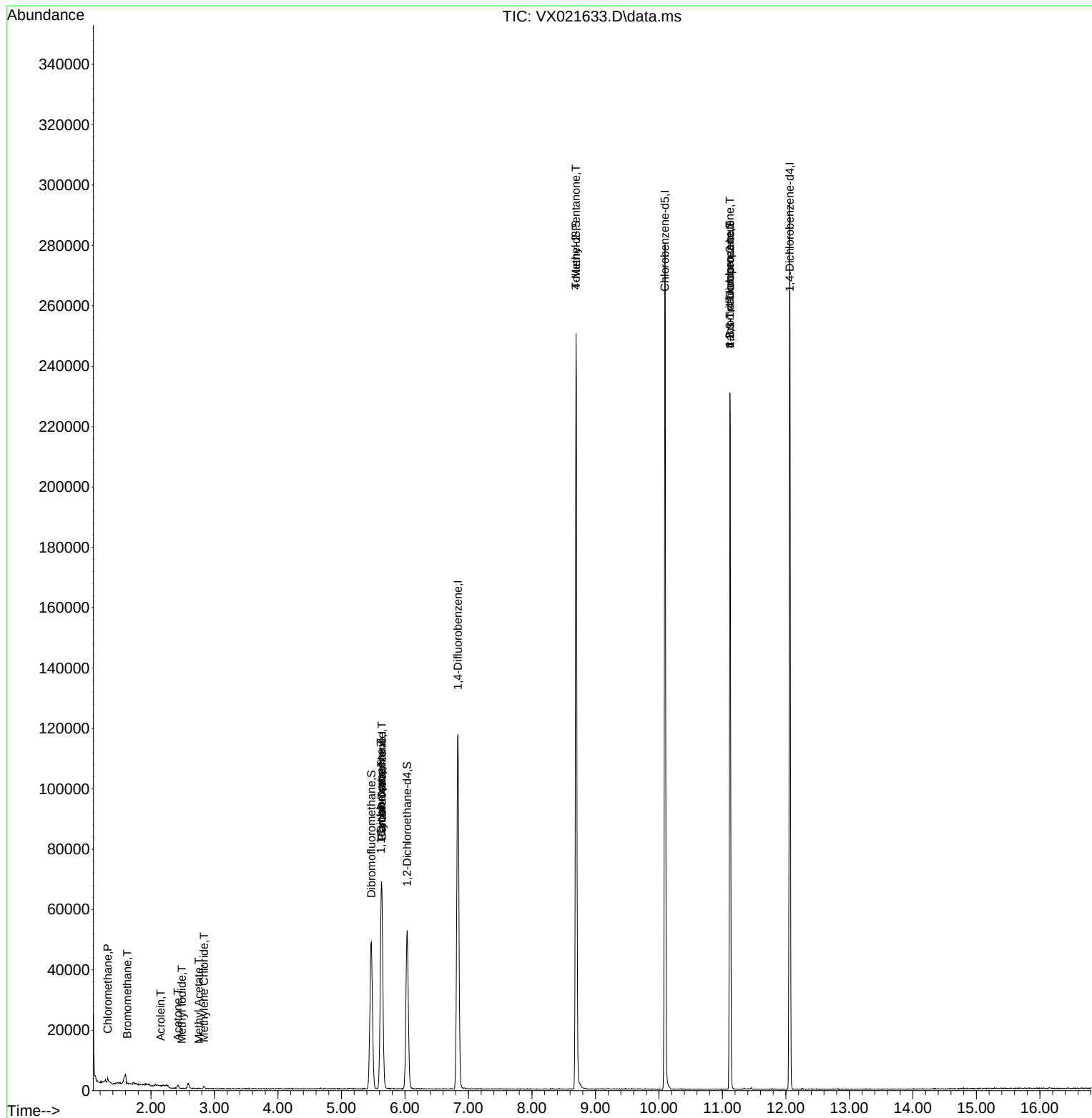
Internal Standards						
1) Pentafluorobenzene	5.635	168	60222	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	109201	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	116288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	55840	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	51931	51.83	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.66%	
35) Dibromofluoromethane	5.470	113	40874	52.69	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.38%	
50) Toluene-d8	8.694	98	139049	50.30	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.60%	
62) 4-Bromofluorobenzene	11.118	95	59482	55.35	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.70%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.317	50	1660	2.22	ug/l	95
5) Bromomethane	1.628	94	108	0.40	ug/l #	62
10) Methyl Iodide	2.487	142	20	6.68	ug/l #	42
13) Acrolein	2.152	56	20	4.53	ug/l #	1
16) Acetone	2.423	43	1051	2.77	ug/l	90
18) Methyl Acetate	2.752	43	259	0.24	ug/l #	47
20) Methylene Chloride	2.835	84	287	0.39	ug/l #	67
31) Cyclohexane	5.629	56	1702	1.54	ug/l #	14
36) 1,1-Dichloropropene	5.623	75	5446	5.09	ug/l #	51
38) Carbon Tetrachloride	5.635	117	6835	5.94	ug/l #	16
51) 4-Methyl-2-Pentanone	8.694	43	941	0.76	ug/l #	1
76) 1,2,3-Trichloropropane	11.118	75	33128	25.48	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	33128	77.62	ug/l #	12

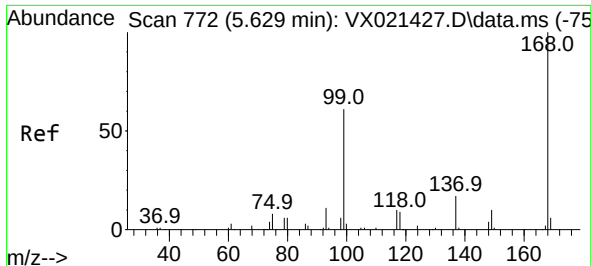
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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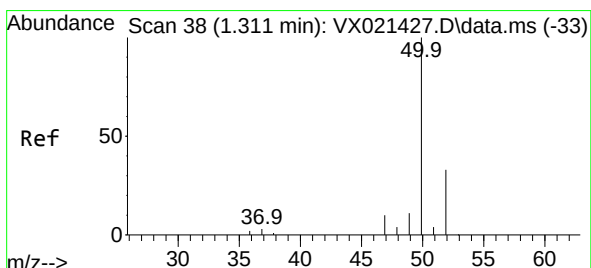
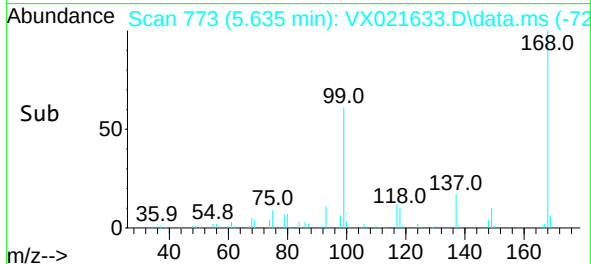
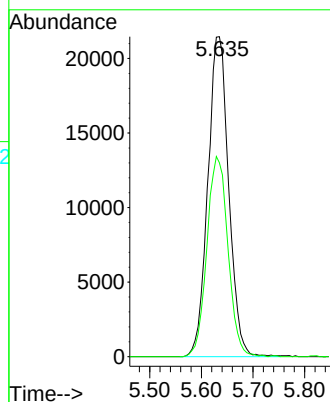
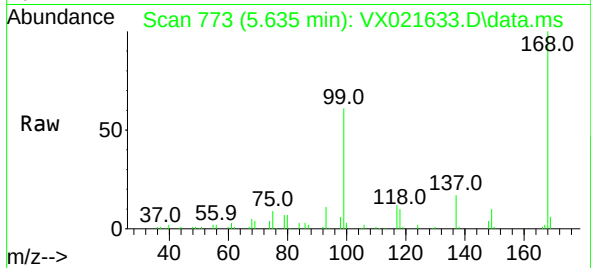




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.006 min
Lab File: VX021633.D
Acq: 30 Mar 2021 16:31

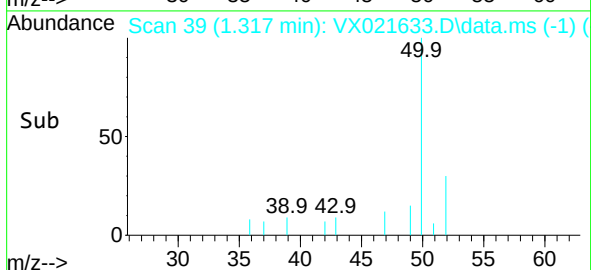
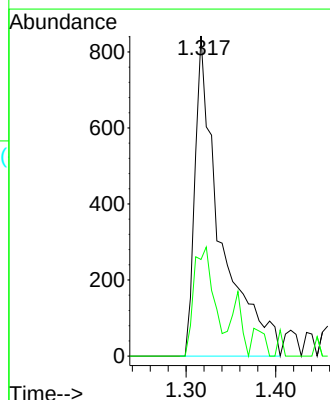
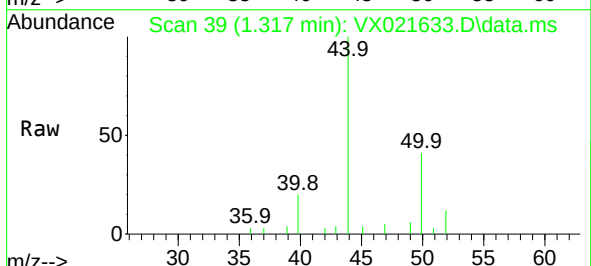
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

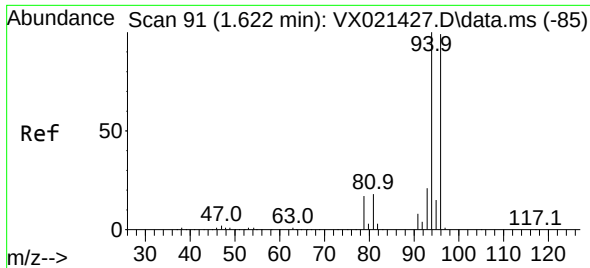
Tgt Ion:168 Resp: 60222
Ion Ratio Lower Upper
168 100
99 60.6 45.8 68.6



#3
Chloromethane
Concen: 2.22 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021633.D
Acq: 30 Mar 2021 16:31

Tgt Ion: 50 Resp: 1660
Ion Ratio Lower Upper
50 100
52 30.2 26.4 39.6

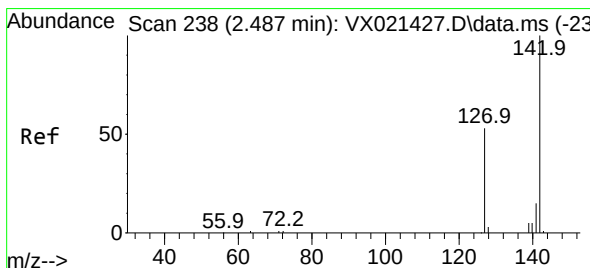
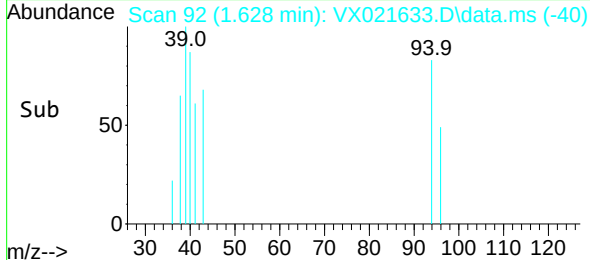
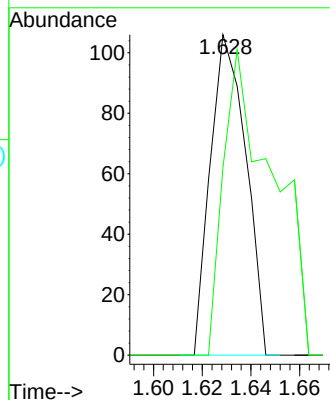
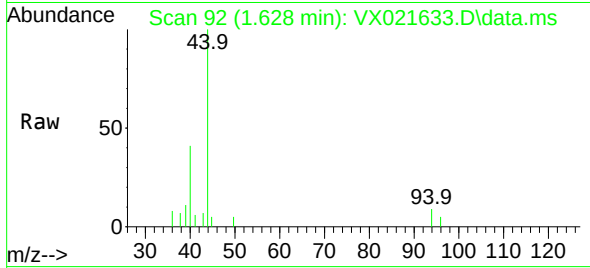




#5
Bromomethane
Concen: 0.40 ug/l
RT: 1.628 min Scan# 92
Delta R.T. 0.006 min
Lab File: VX021633.D
Acq: 30 Mar 2021 16:31

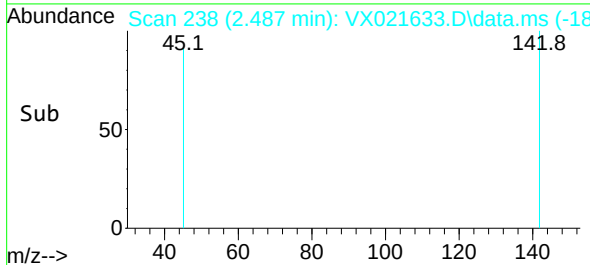
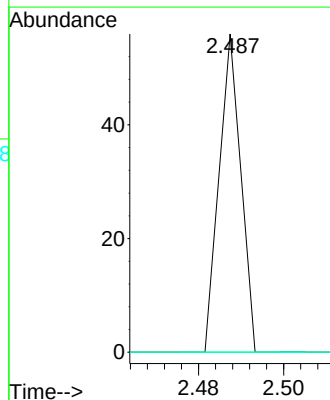
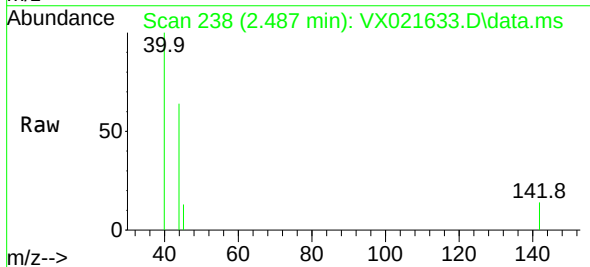
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

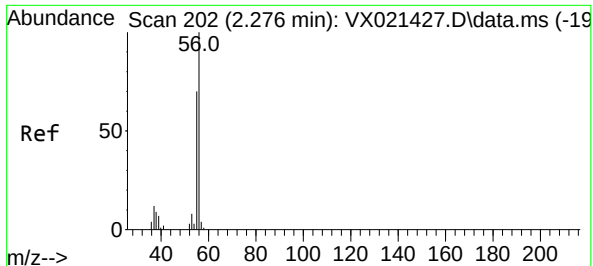
Tgt Ion: 94 Resp: 108
Ion Ratio Lower Upper
94 100
96 58.5 76.4 114.6#



#10
Methyl Iodide
Concen: 6.68 ug/l
RT: 2.487 min Scan# 238
Delta R.T. 0.000 min
Lab File: VX021633.D
Acq: 30 Mar 2021 16:31

Tgt Ion: 142 Resp: 20
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#

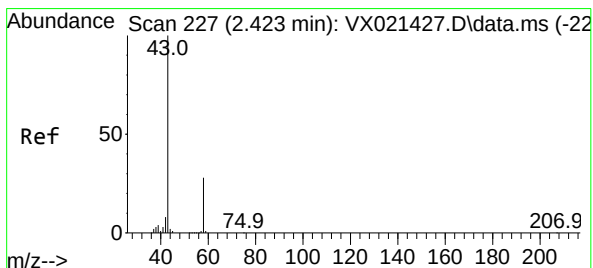
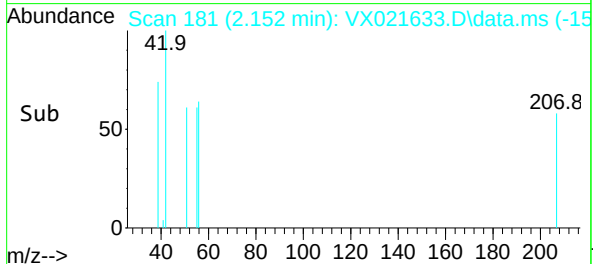
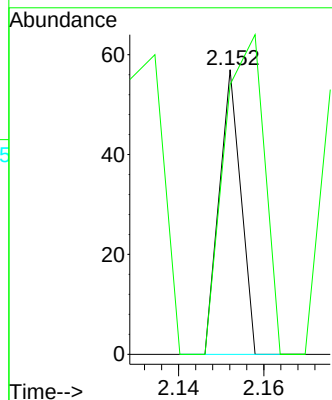
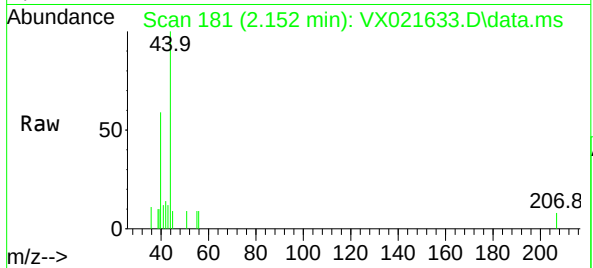




#13
Acrolein
Concen: 4.53 ug/l
RT: 2.152 min Scan# 181
Delta R.T. -0.124 min
Lab File: VX021633.D
Acq: 30 Mar 2021 16:31

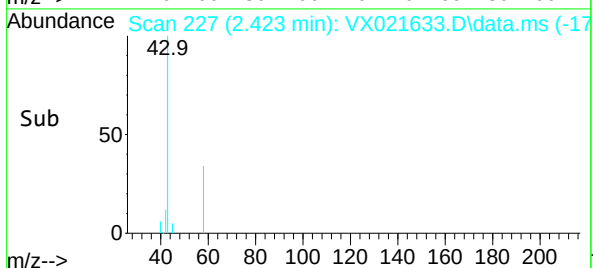
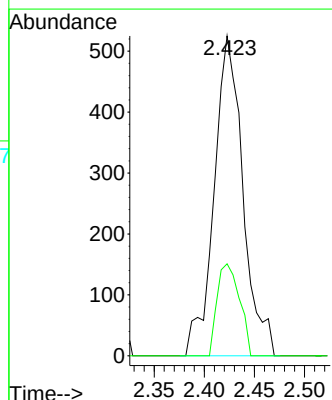
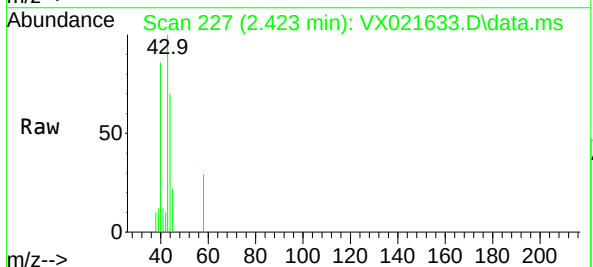
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

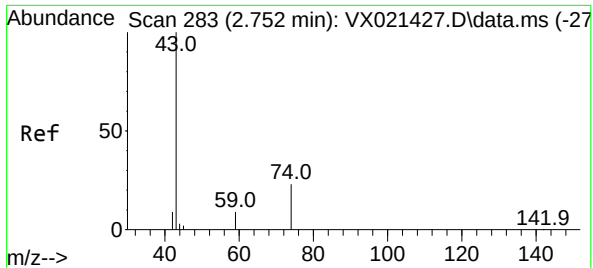
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 210.0 56.4 84.6#



#16
Acetone
Concen: 2.77 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021633.D
Acq: 30 Mar 2021 16:31

Tgt Ion: 43 Resp: 1051
Ion Ratio Lower Upper
43 100
58 28.8 27.8 41.8

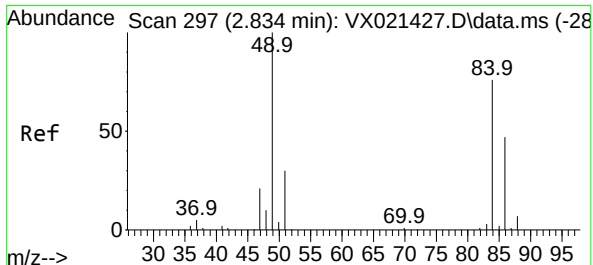
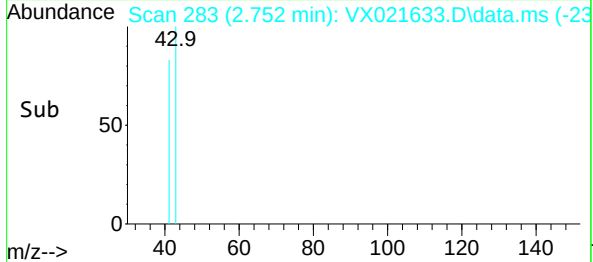
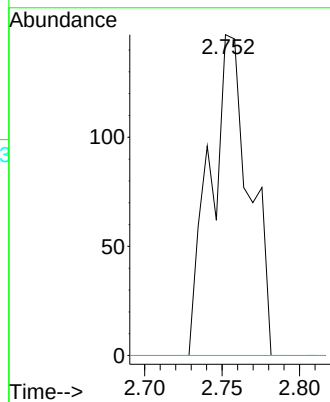
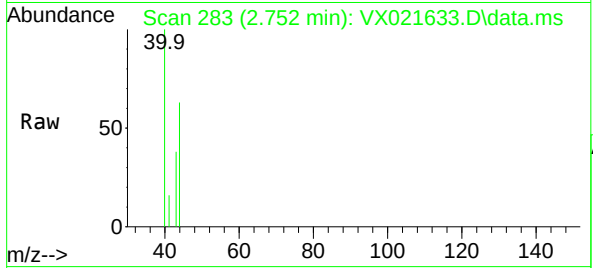




#18
Methyl Acetate
Concen: 0.24 ug/l
RT: 2.752 min Scan# 283
Delta R.T. 0.000 min
Lab File: VX021633.D
Acq: 30 Mar 2021 16:31

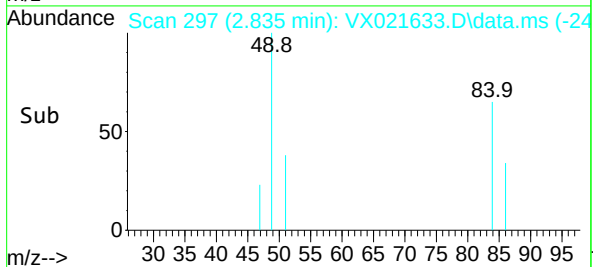
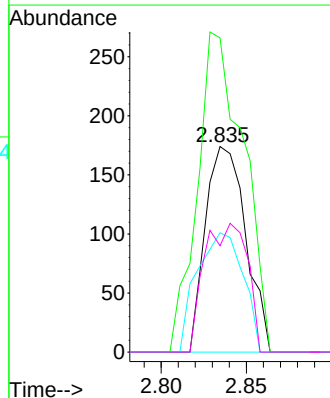
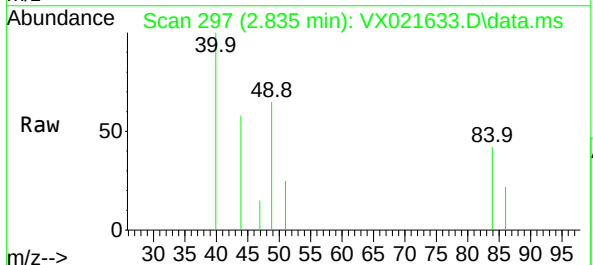
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

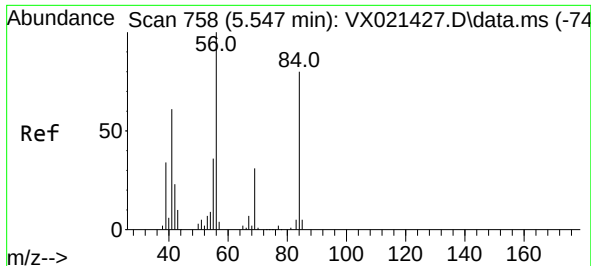
Tgt Ion: 43 Resp: 259
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.39 ug/l
RT: 2.835 min Scan# 297
Delta R.T. 0.001 min
Lab File: VX021633.D
Acq: 30 Mar 2021 16:31

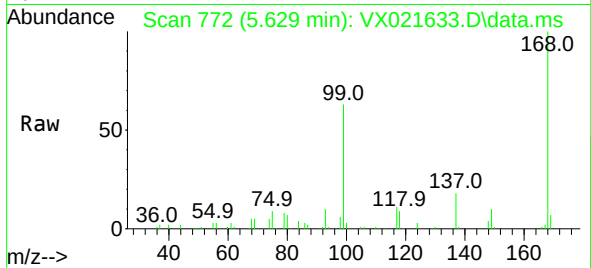
Tgt Ion: 84 Resp: 287
Ion Ratio Lower Upper
84 100
49 152.9 88.6 132.8#
51 58.0 27.0 40.6#
86 51.7 50.3 75.5



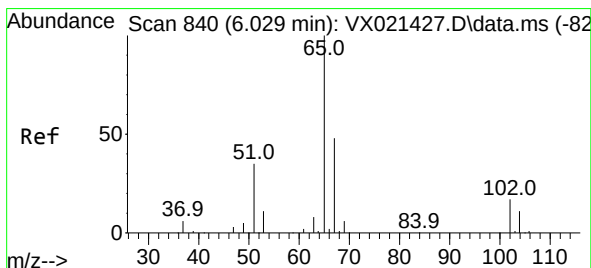
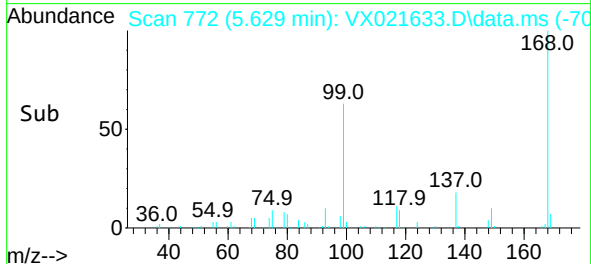
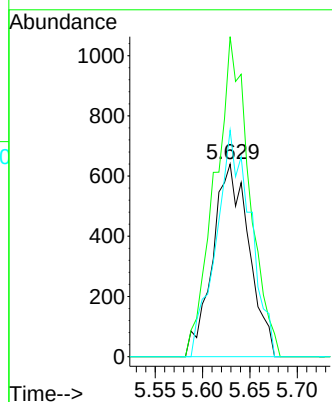


#31
Cyclohexane
Concen: 1.54 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021633.D
Acq: 30 Mar 2021 16:31

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

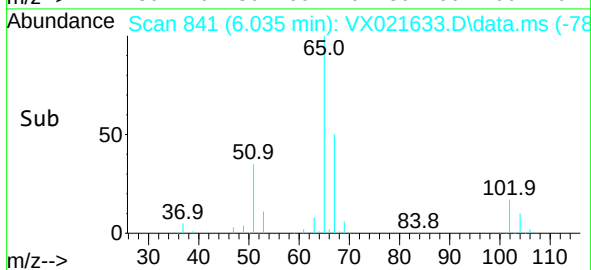
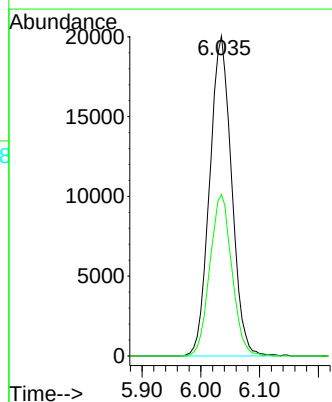
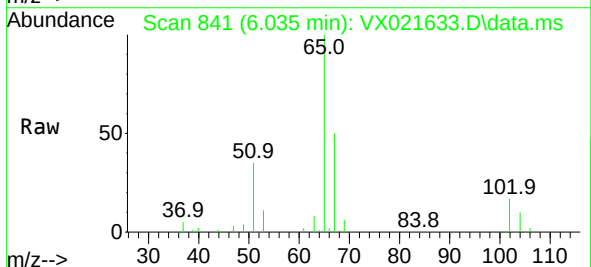


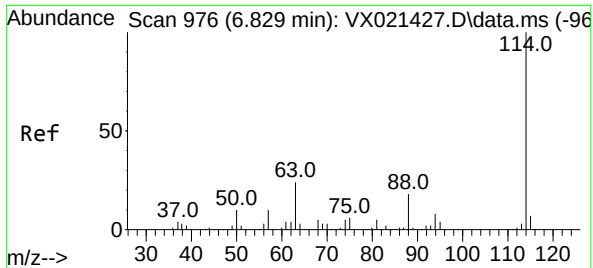
Tgt Ion: 56 Resp: 1702
Ion Ratio Lower Upper
56 100
69 166.1 25.3 37.9#
84 117.5 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 51.83 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021633.D
Acq: 30 Mar 2021 16:31

Tgt Ion: 65 Resp: 51931
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.4

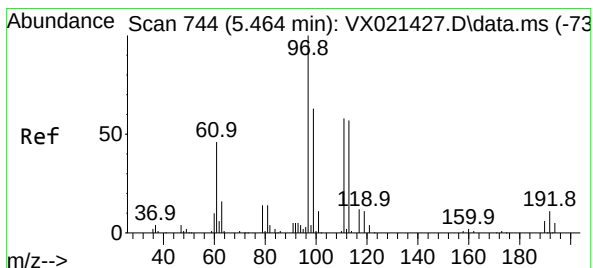
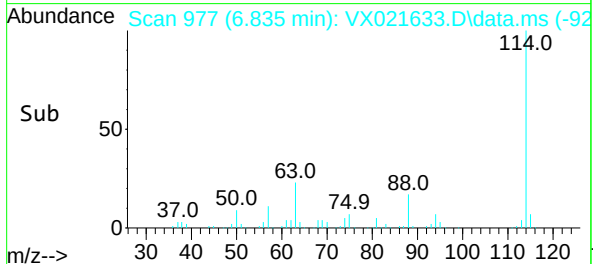
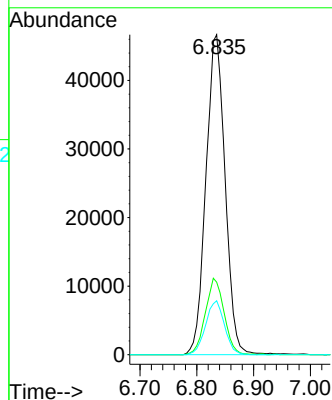
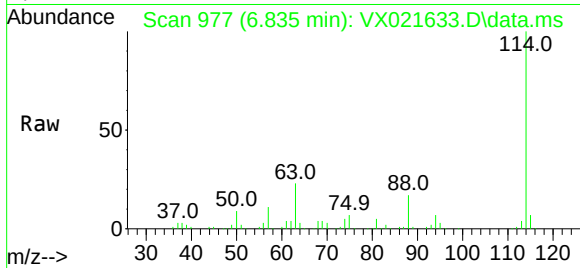




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.835 min Scan# 977
Delta R.T. 0.006 min
Lab File: VX021633.D
Acq: 30 Mar 2021 16:31

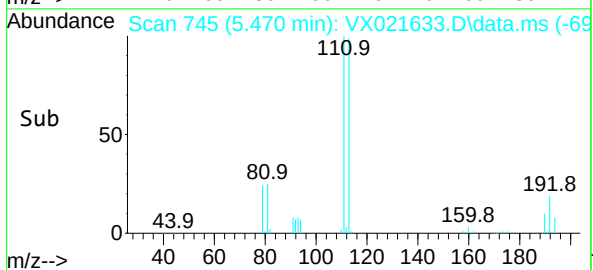
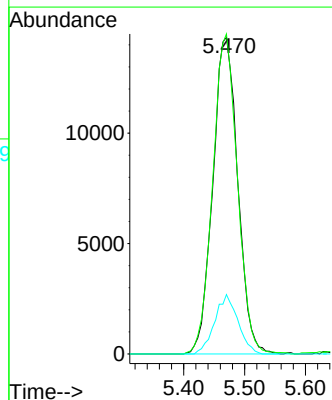
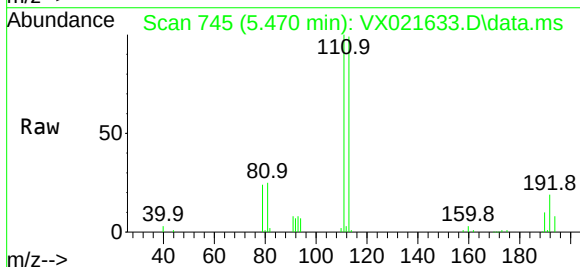
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STORAGE-BLANK-WATER-REF-4

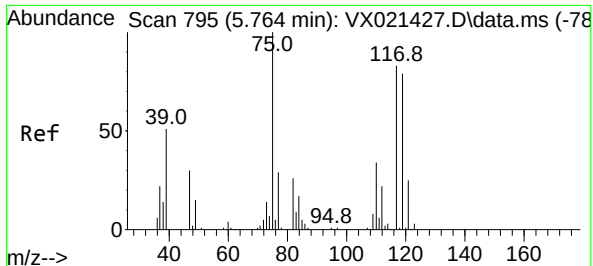
Tgt Ion:114 Resp: 109201
Ion Ratio Lower Upper
114 100
63 22.6 0.0 40.8
88 16.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.69 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021633.D
Acq: 30 Mar 2021 16:31

Tgt Ion:113 Resp: 40874
Ion Ratio Lower Upper
113 100
111 100.1 81.9 122.9
192 17.5 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.09 ug/l

RT: 5.623 min Scan# 771

Delta R.T. -0.141 min

Lab File: VX021633.D

Acq: 30 Mar 2021 16:31

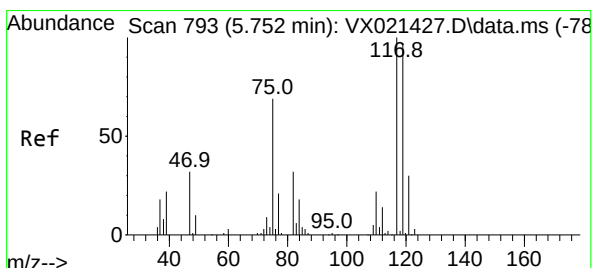
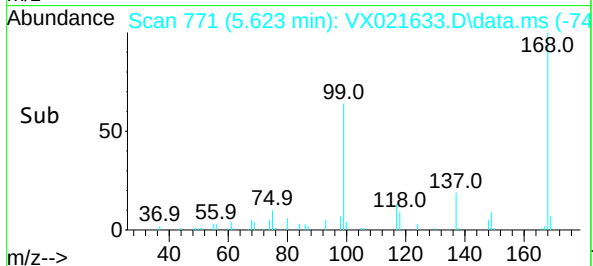
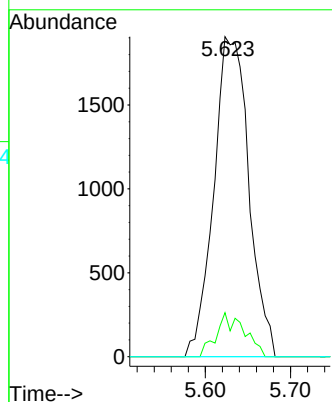
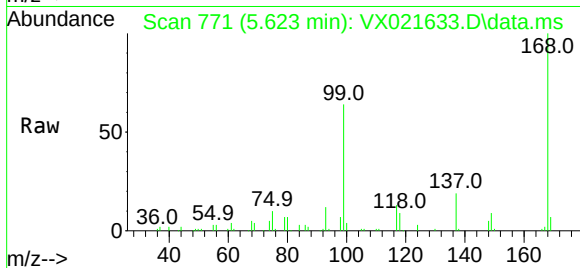
Tgt Ion: 75	Resp: 5446
Ion Ratio	Lower Upper
75 100	
110 10.9	18.1 54.4#
77 0.0	25.3 37.9#

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4



#38

Carbon Tetrachloride

Concen: 5.94 ug/l

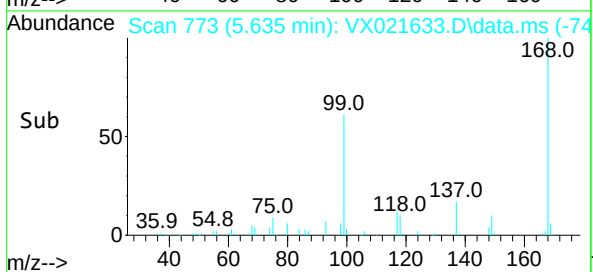
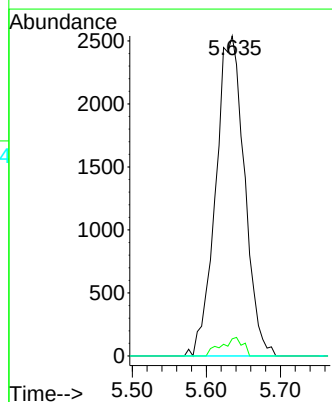
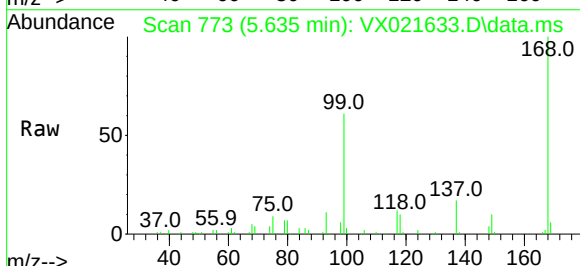
RT: 5.635 min Scan# 773

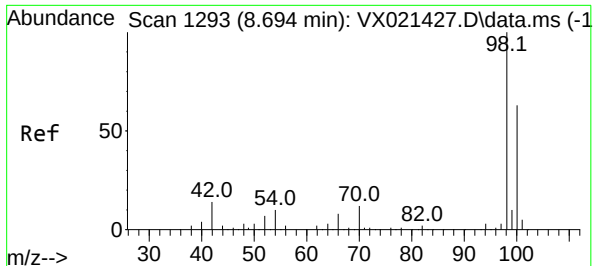
Delta R.T. -0.117 min

Lab File: VX021633.D

Acq: 30 Mar 2021 16:31

Tgt Ion: 117	Resp: 6835
Ion Ratio	Lower Upper
117 100	
119 5.4	76.2 114.2#
121 0.0	24.8 37.2#





#50

Toluene-d8

Concen: 50.30 ug/l

RT: 8.694 min Scan# 1293

Delta R.T. 0.000 min

Lab File: VX021633.D

Acq: 30 Mar 2021 16:31

Tgt Ion: 98 Resp: 139049

Ion Ratio Lower Upper

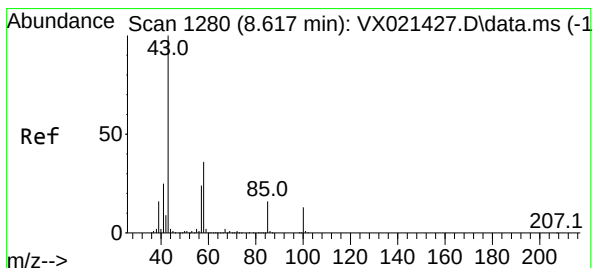
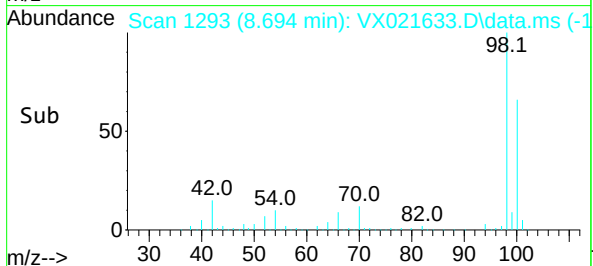
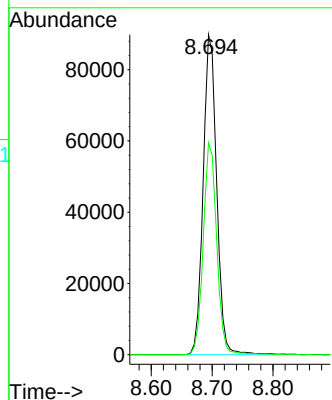
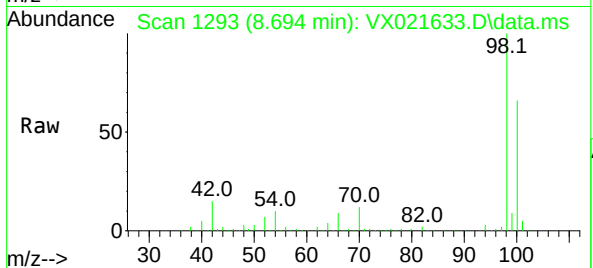
98 100
100 66.1 51.9 77.9

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4



#51

4-Methyl-2-Pentanone

Concen: 0.76 ug/l

RT: 8.694 min Scan# 1293

Delta R.T. 0.077 min

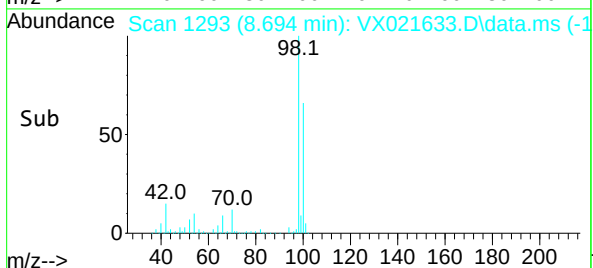
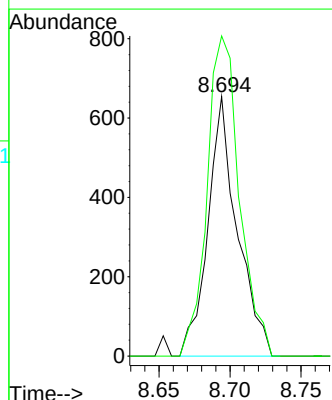
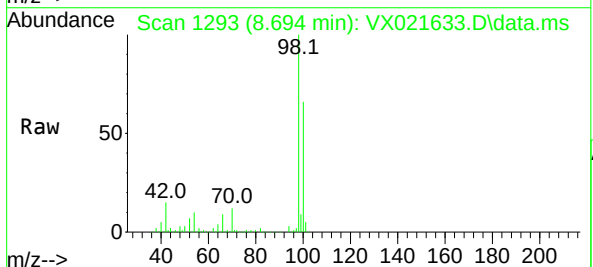
Lab File: VX021633.D

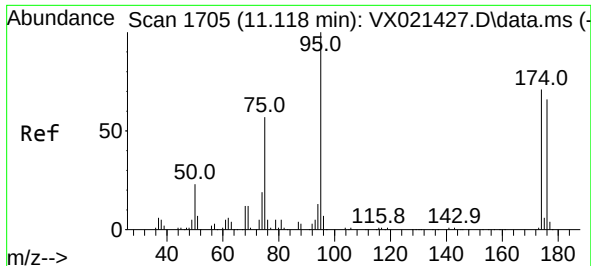
Acq: 30 Mar 2021 16:31

Tgt Ion: 43 Resp: 941

Ion Ratio Lower Upper

43 100
58 136.6 35.4 53.0#

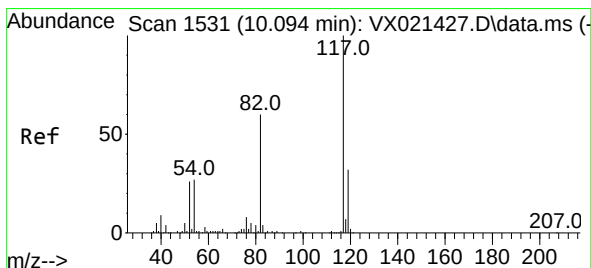
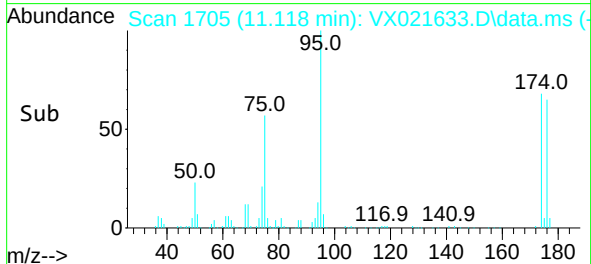
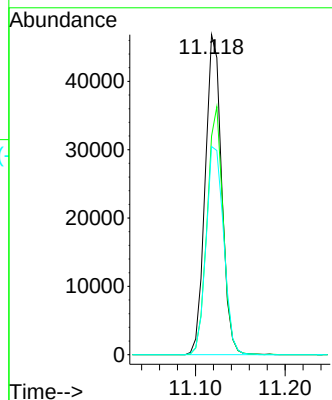
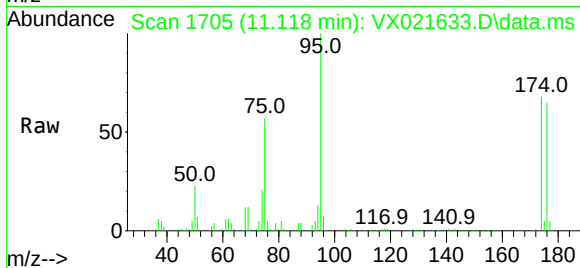




#62
4-Bromofluorobenzene
Concen: 55.35 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021633.D
Acq: 30 Mar 2021 16:31

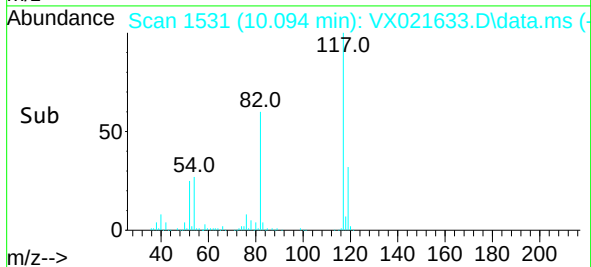
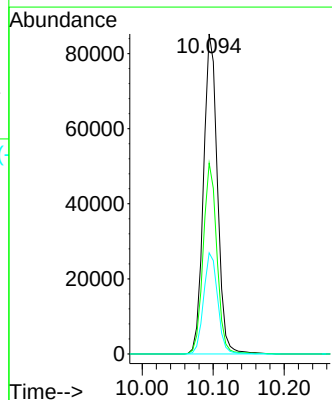
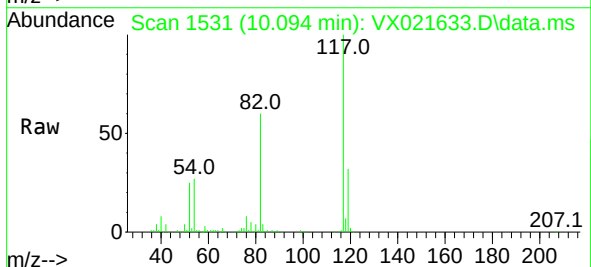
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

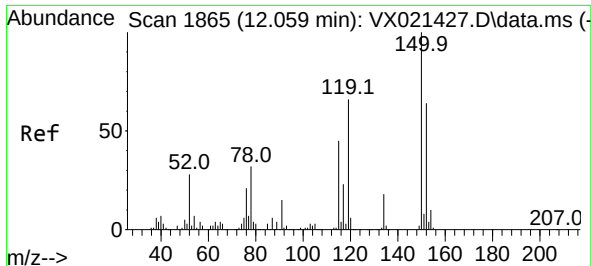
Tgt Ion: 95 Resp: 59482
Ion Ratio Lower Upper
95 100
174 75.5 0.0 154.6
176 69.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021633.D
Acq: 30 Mar 2021 16:31

Tgt Ion: 117 Resp: 116288
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.2
119 31.6 26.6 39.8

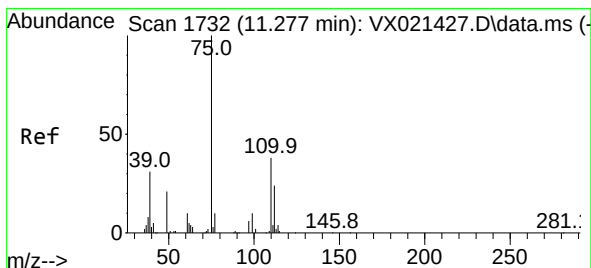
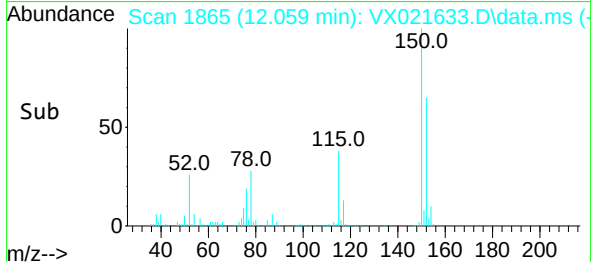
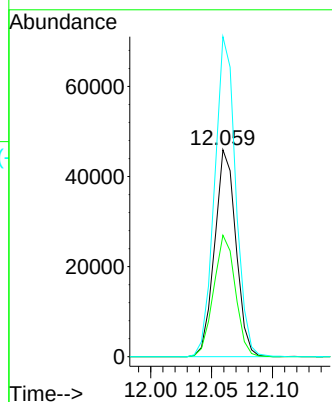
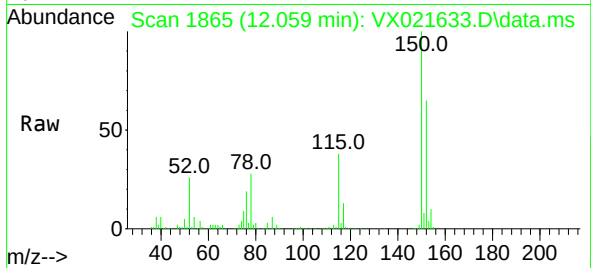




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.059 min Scan# 1865
 Delta R.T. 0.000 min
 Lab File: VX021633.D
 Acq: 30 Mar 2021 16:31

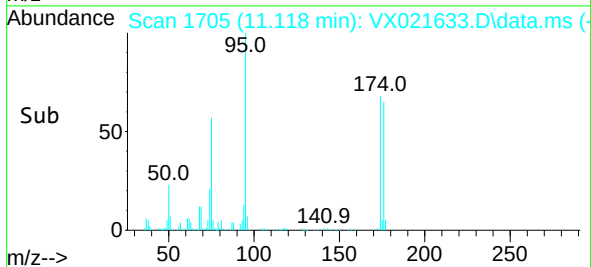
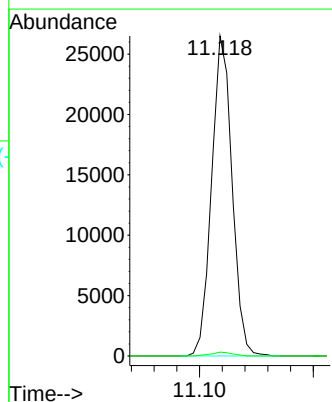
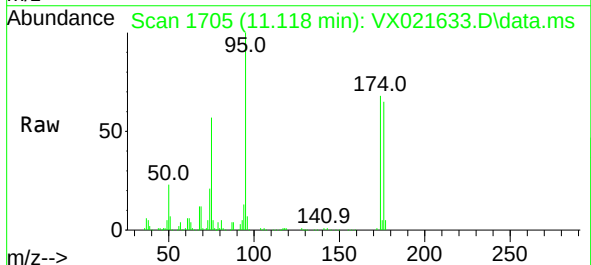
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

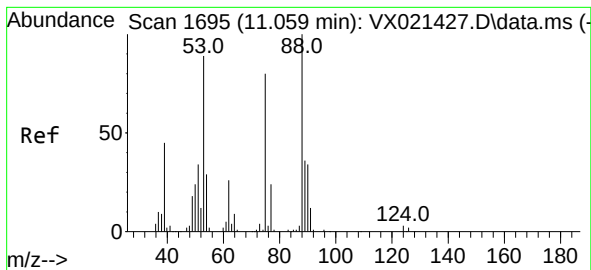
Tgt Ion:152 Resp: 55840
 Ion Ratio Lower Upper
 152 100
 115 59.9 41.1 123.3
 150 153.2 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.48 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. -0.159 min
 Lab File: VX021633.D
 Acq: 30 Mar 2021 16:31

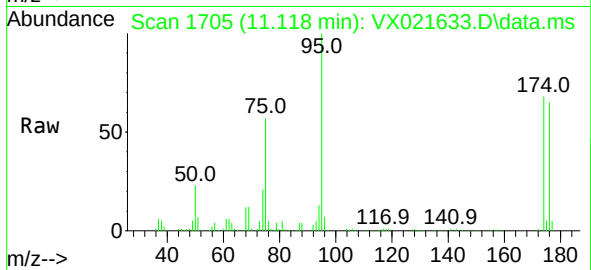
Tgt Ion: 75 Resp: 33128
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.62 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021633.D
 Acq: 30 Mar 2021 16:31

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4



Tgt Ion: 75 Resp: 33128
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

