

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
 Data File : VX021632.D
 Acq On : 30 Mar 2021 16:11
 Operator : JC/MD
 Sample : M1849-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Mar 31 04:59:32 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)

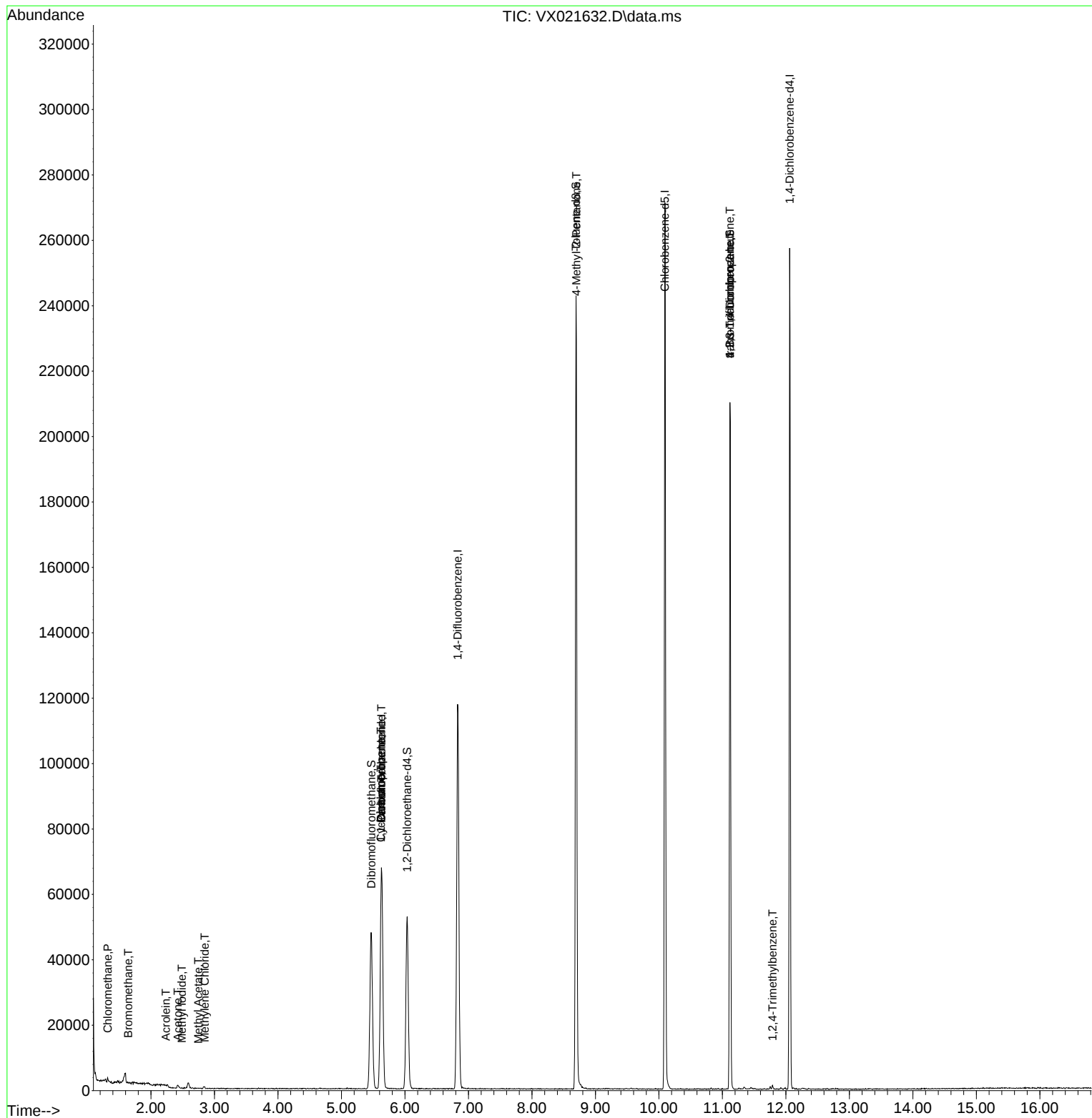
Internal Standards						
1) Pentafluorobenzene	5.629	168	60983	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	109994	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	113306	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	48718	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	51979	51.23	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.46%	
35) Dibromofluoromethane	5.470	113	40349	51.64	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.28%	
50) Toluene-d8	8.694	98	139864	50.23	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.46%	
62) 4-Bromofluorobenzene	11.118	95	55282	51.07	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.14%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.316	50	1596	2.11	ug/l	95
5) Bromomethane	1.640	94	124	0.45	ug/l #	67
10) Methyl Iodide	2.487	142	43	6.72	ug/l #	42
13) Acrolein	2.234	56	20	4.53	ug/l #	64
16) Acetone	2.422	43	926	2.41	ug/l	98
18) Methyl Acetate	2.746	43	292	0.26	ug/l #	47
20) Methylene Chloride	2.846	84	290	0.39	ug/l #	76
31) Cyclohexane	5.623	56	1516	1.36	ug/l #	40
36) 1,1-Dichloropropene	5.623	75	5327	4.94	ug/l #	50
38) Carbon Tetrachloride	5.629	117	6811	5.88	ug/l #	17
51) 4-Methyl-2-Pentanone	8.700	43	784	0.63	ug/l #	1
76) 1,2,3-Trichloropropane	11.118	75	31686	27.94	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	31686	85.10	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.788	105	594	0.20	ug/l	88

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

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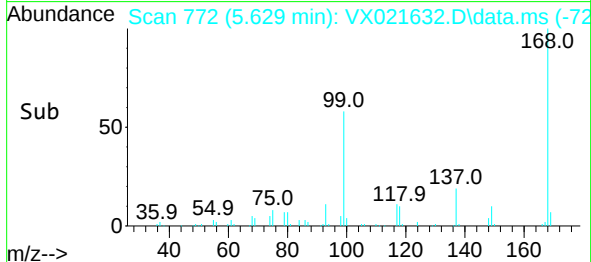
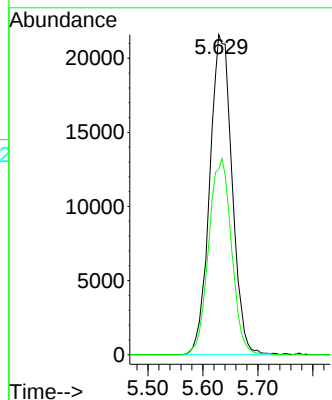
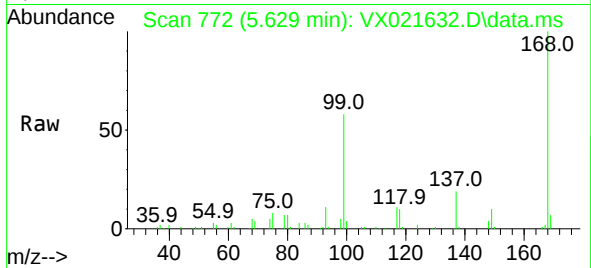




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021632.D
Acq: 30 Mar 2021 16:11

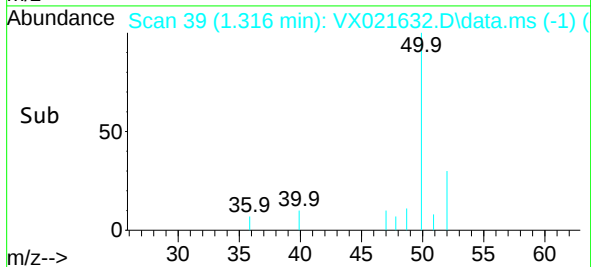
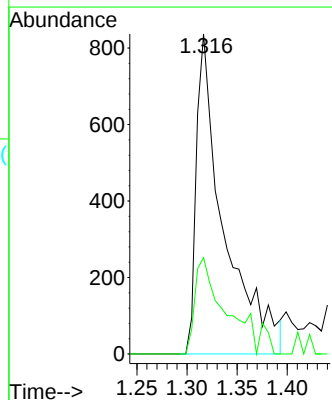
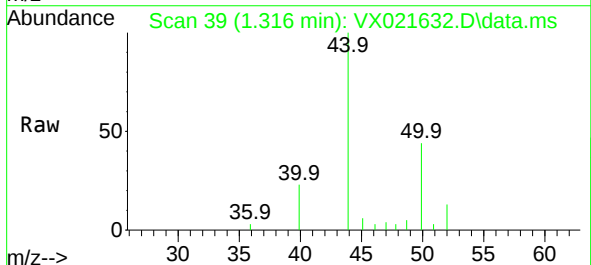
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

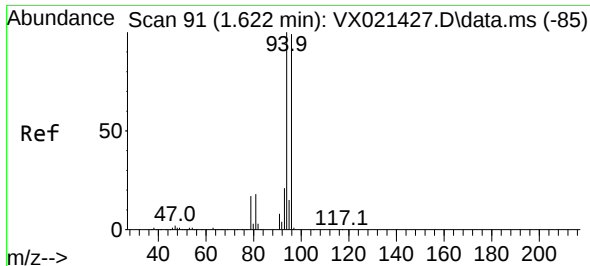
Tgt Ion:168 Resp: 60983
Ion Ratio Lower Upper
168 100
99 57.9 45.8 68.6



#3
Chloromethane
Concen: 2.11 ug/l
RT: 1.316 min Scan# 39
Delta R.T. 0.005 min
Lab File: VX021632.D
Acq: 30 Mar 2021 16:11

Tgt Ion: 50 Resp: 1596
Ion Ratio Lower Upper
50 100
52 30.1 26.4 39.6

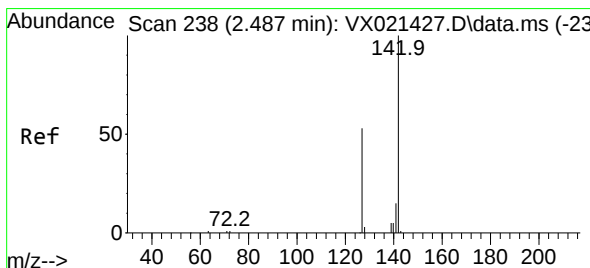
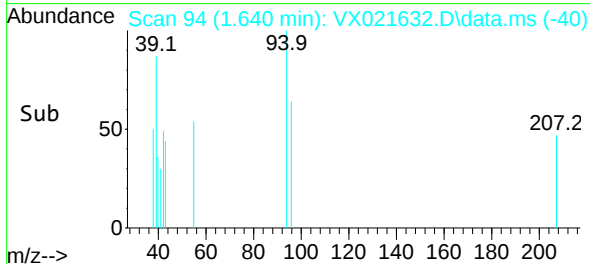
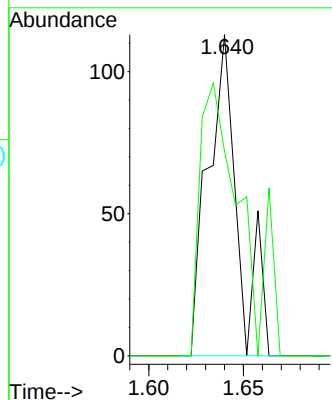
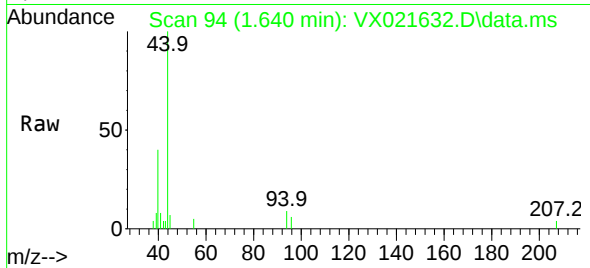




#5
Bromomethane
Concen: 0.45 ug/l
RT: 1.640 min Scan# 94
Delta R.T. 0.018 min
Lab File: VX021632.D
Acq: 30 Mar 2021 16:11

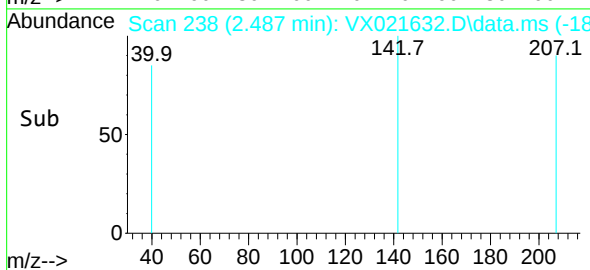
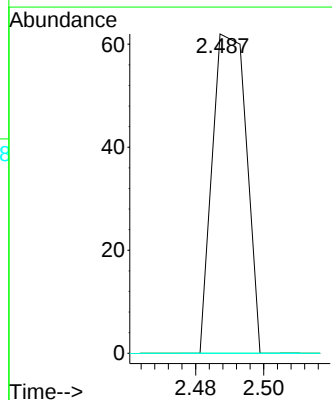
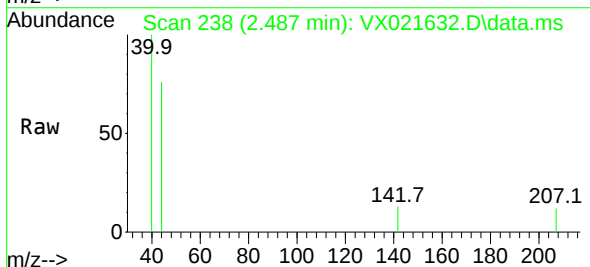
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

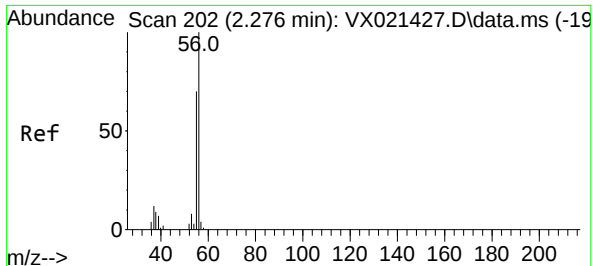
Tgt Ion: 94 Resp: 124
Ion Ratio Lower Upper
94 100
96 63.7 76.4 114.6#



#10
Methyl Iodide
Concen: 6.72 ug/l
RT: 2.487 min Scan# 238
Delta R.T. 0.000 min
Lab File: VX021632.D
Acq: 30 Mar 2021 16:11

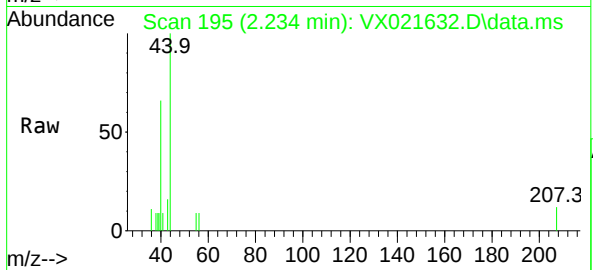
Tgt Ion: 142 Resp: 43
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



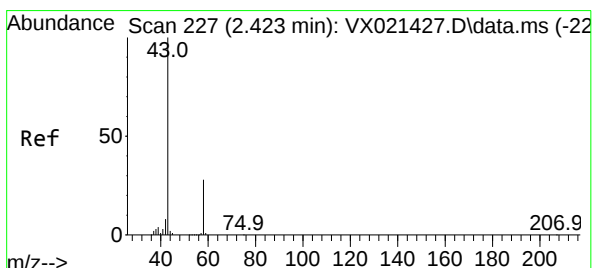
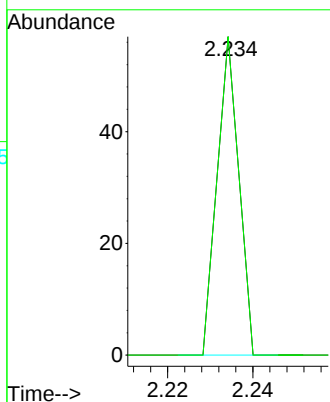
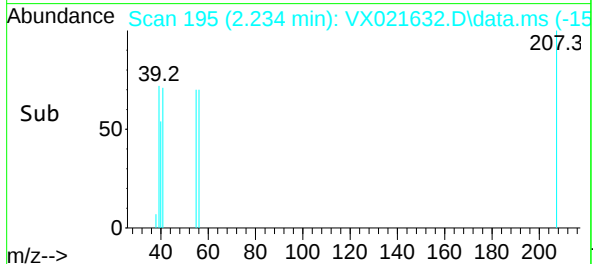


#13
Acrolein
Concen: 4.53 ug/l
RT: 2.234 min Scan# 195
Delta R.T. -0.042 min
Lab File: VX021632.D
Acq: 30 Mar 2021 16:11

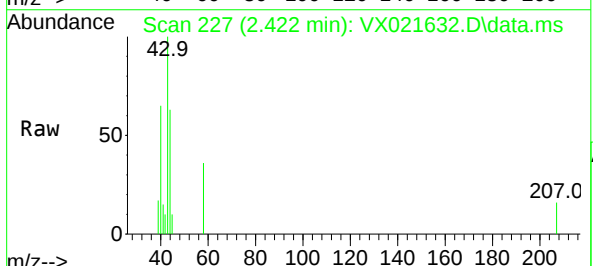
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5



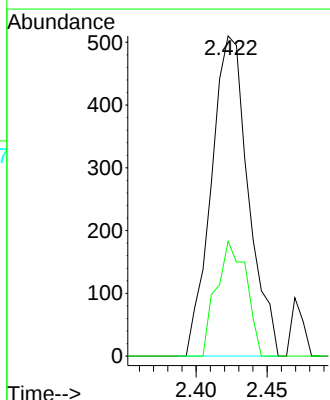
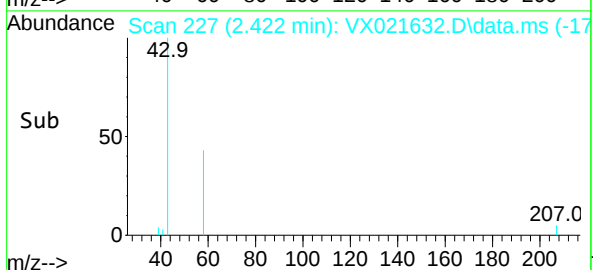
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 100.0 56.4 84.6#

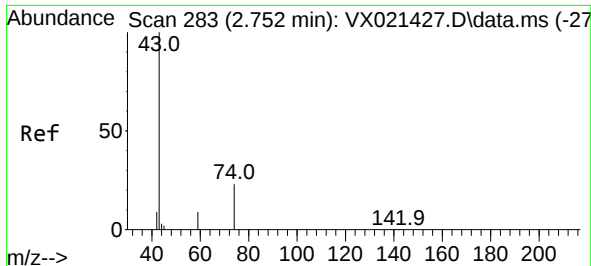


#16
Acetone
Concen: 2.41 ug/l
RT: 2.422 min Scan# 227
Delta R.T. -0.001 min
Lab File: VX021632.D
Acq: 30 Mar 2021 16:11



Tgt Ion: 43 Resp: 926
Ion Ratio Lower Upper
43 100
58 35.9 27.8 41.8

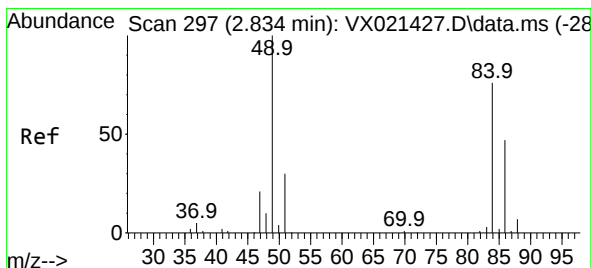
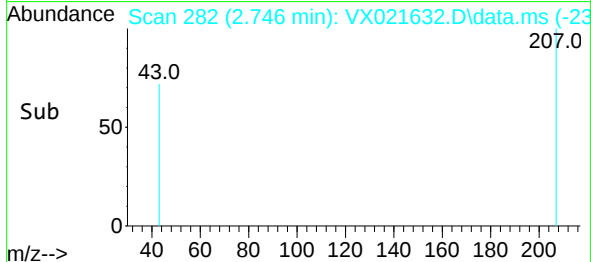
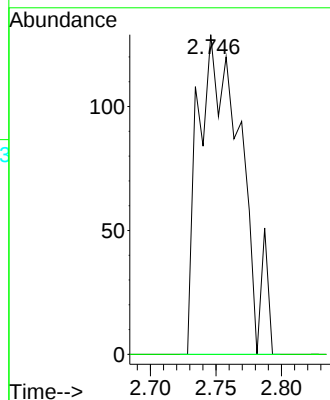
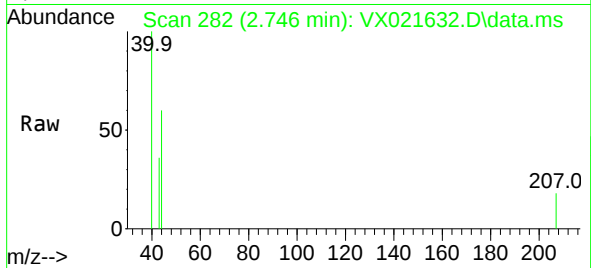




#18
Methyl Acetate
Concen: 0.26 ug/l
RT: 2.746 min Scan# 282
Delta R.T. -0.006 min
Lab File: VX021632.D
Acq: 30 Mar 2021 16:11

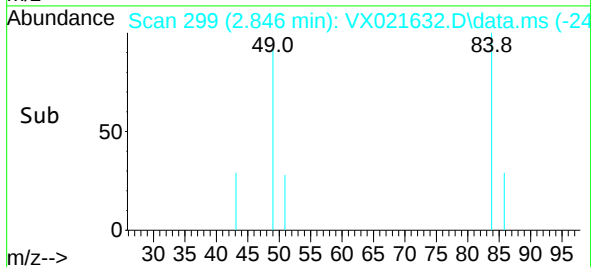
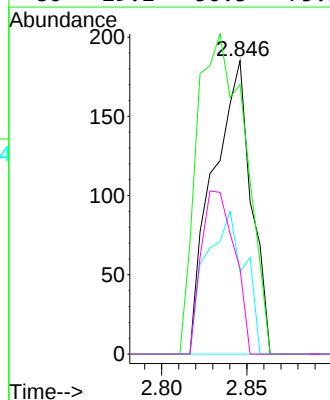
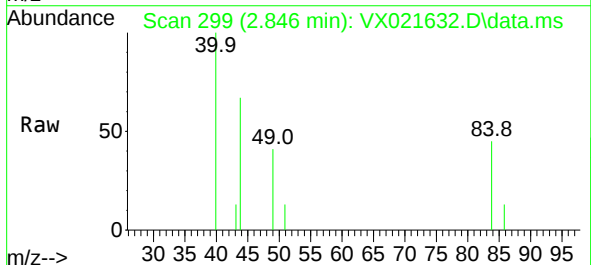
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

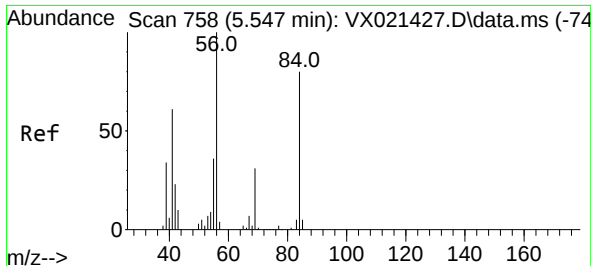
Tgt Ion: 43 Resp: 292
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.39 ug/l
RT: 2.846 min Scan# 299
Delta R.T. 0.012 min
Lab File: VX021632.D
Acq: 30 Mar 2021 16:11

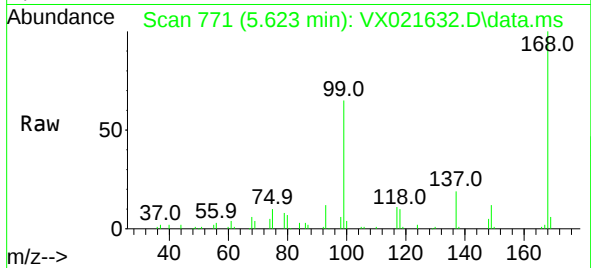
Tgt Ion: 84 Resp: 290
Ion Ratio Lower Upper
84 100
49 91.9 88.6 132.8
51 28.1 27.0 40.6
86 29.2 50.3 75.5#



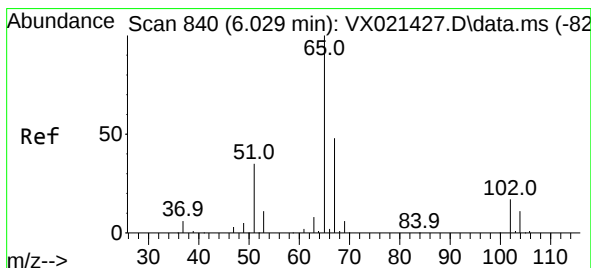
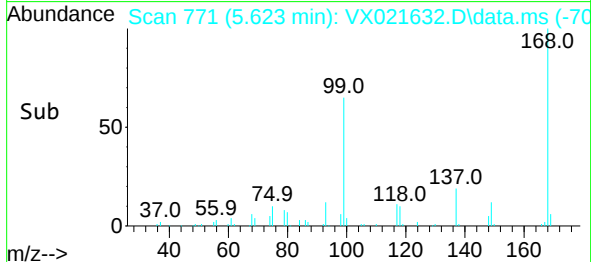
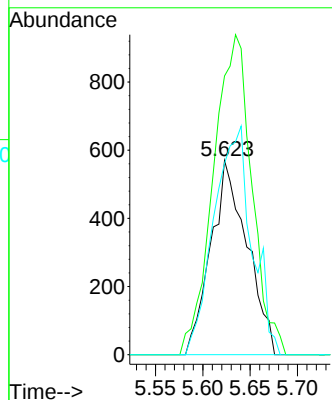


#31
Cyclohexane
Concen: 1.36 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021632.D
Acq: 30 Mar 2021 16:11

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

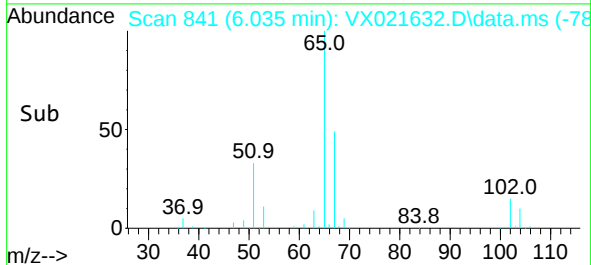
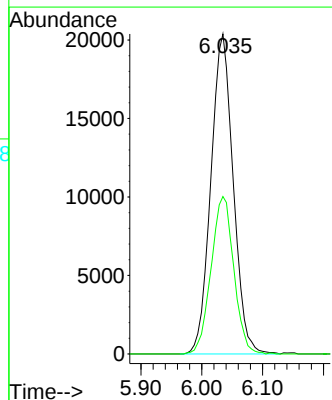
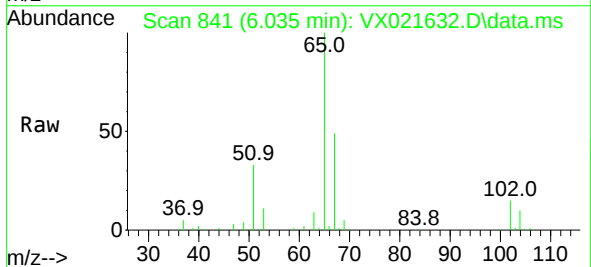


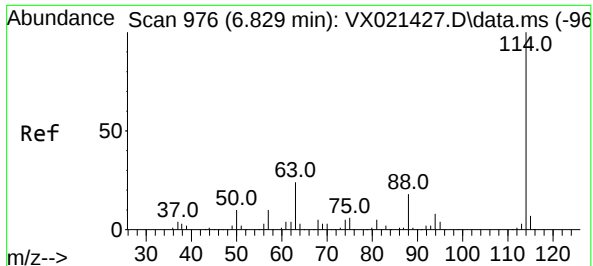
Tgt Ion: 56 Resp: 1516
Ion Ratio Lower Upper
56 100
69 143.5 25.3 37.9#
84 98.4 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 51.23 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021632.D
Acq: 30 Mar 2021 16:11

Tgt Ion: 65 Resp: 51979
Ion Ratio Lower Upper
65 100
67 50.0 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: VX021632.D

Acq: 30 Mar 2021 16:11

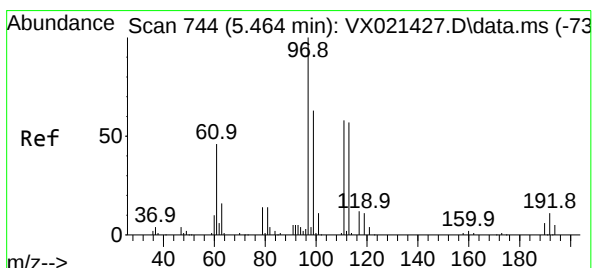
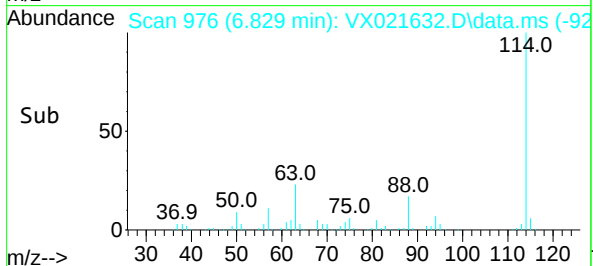
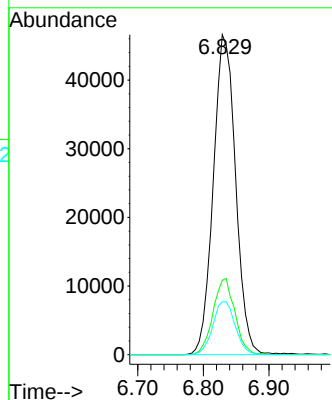
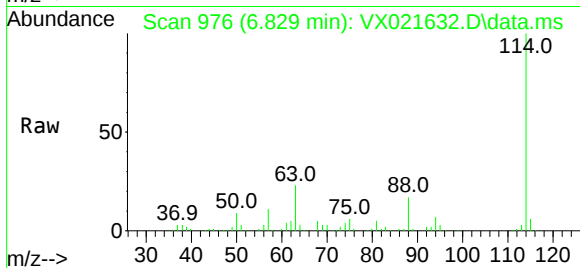
Tgt Ion:114 Resp: 109994

Ion Ratio Lower Upper

114 100

63 23.3 0.0 40.8

88 16.6 0.0 32.8



#35

Dibromofluoromethane

Concen: 51.64 ug/l

RT: 5.470 min Scan# 745

Delta R.T. 0.006 min

Lab File: VX021632.D

Acq: 30 Mar 2021 16:11

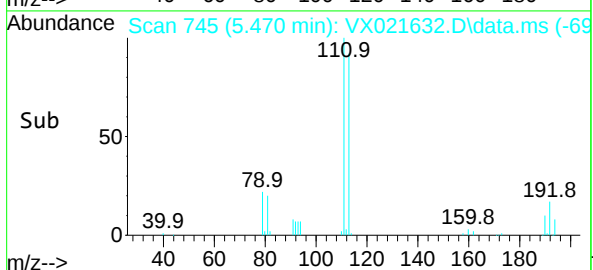
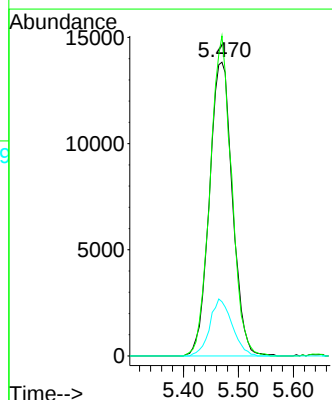
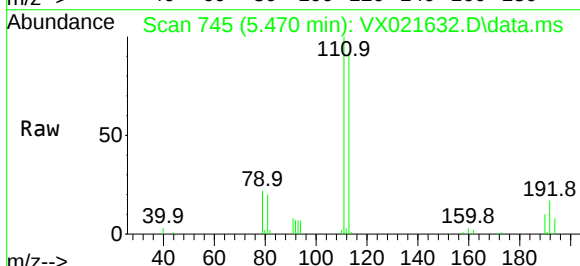
Tgt Ion:113 Resp: 40349

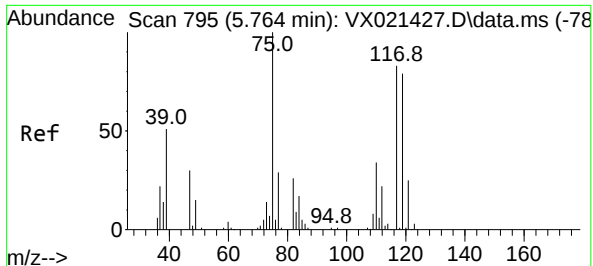
Ion Ratio Lower Upper

113 100

111 101.8 81.9 122.9

192 18.8 16.7 25.1



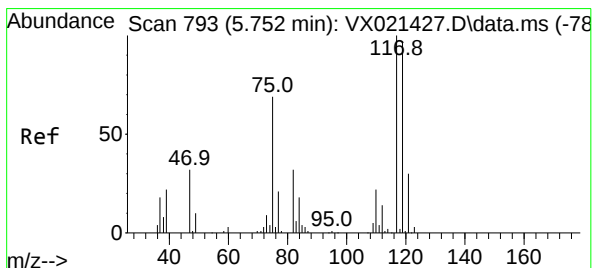
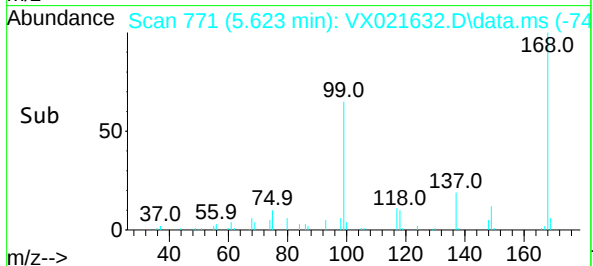
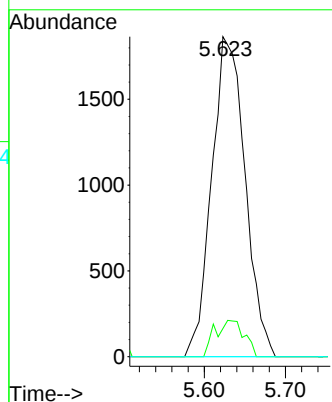
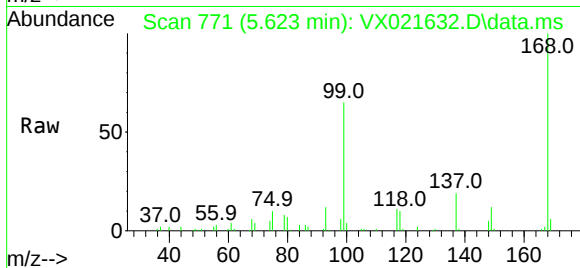


#36

1,1-Dichloropropene
Concen: 4.94 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.141 min
Lab File: VX021632.D
Acq: 30 Mar 2021 16:11

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

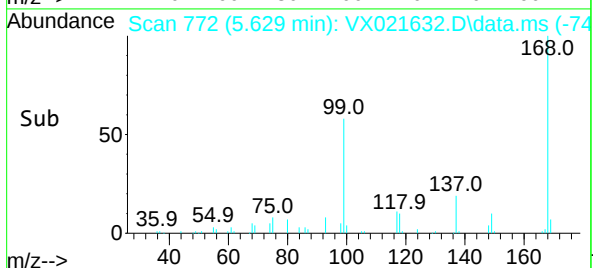
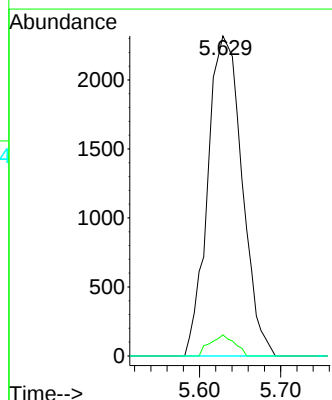
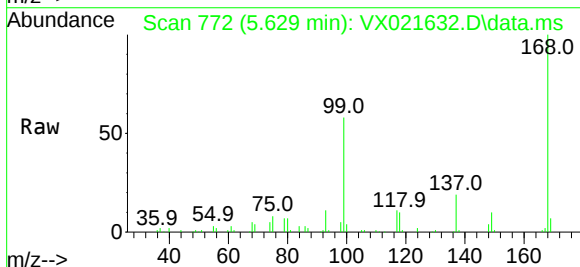
Tgt Ion: 75 Resp: 5327
Ion Ratio Lower Upper
75 100
110 9.9 18.1 54.4#
77 0.0 25.3 37.9#

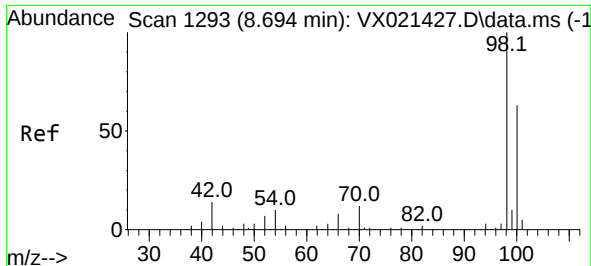


#38

Carbon Tetrachloride
Concen: 5.88 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.123 min
Lab File: VX021632.D
Acq: 30 Mar 2021 16:11

Tgt Ion: 117 Resp: 6811
Ion Ratio Lower Upper
117 100
119 6.6 76.2 114.2#
121 0.0 24.8 37.2#

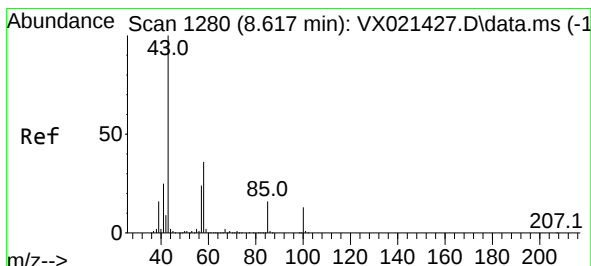
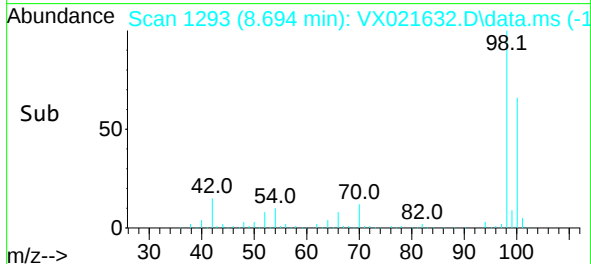
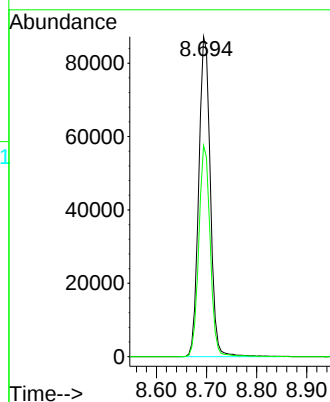
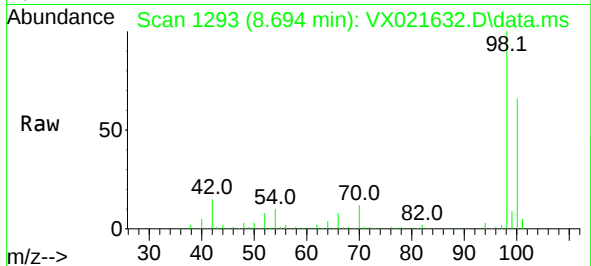




#50
Toluene-d8
Concen: 50.23 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021632.D
Acq: 30 Mar 2021 16:11

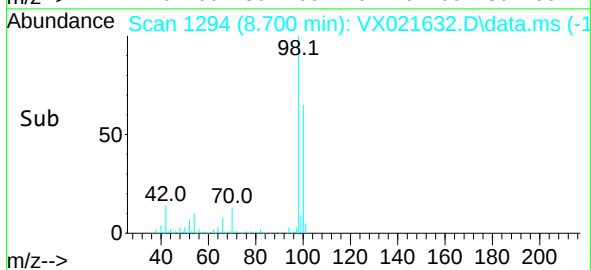
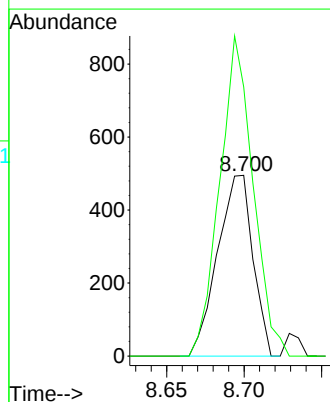
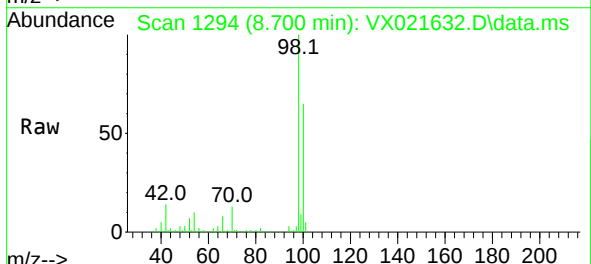
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

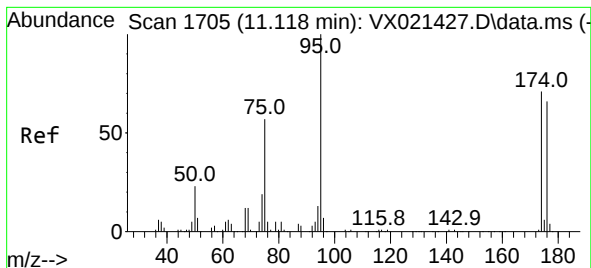
Tgt Ion: 98 Resp: 139864
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.63 ug/l
RT: 8.700 min Scan# 1294
Delta R.T. 0.083 min
Lab File: VX021632.D
Acq: 30 Mar 2021 16:11

Tgt Ion: 43 Resp: 784
Ion Ratio Lower Upper
43 100
58 167.2 35.4 53.0#

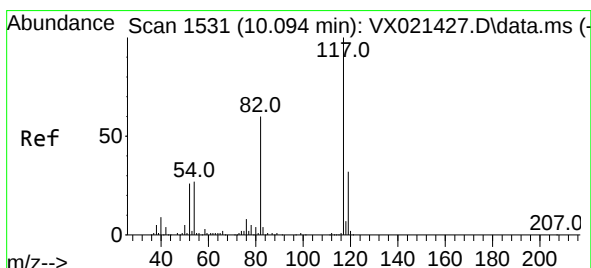
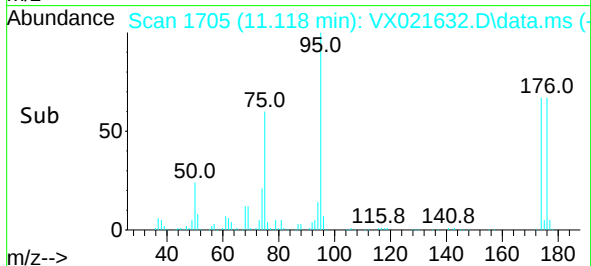
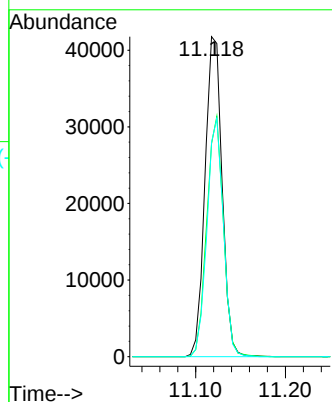
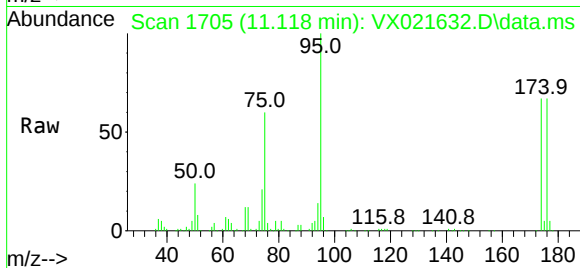




#62
4-Bromofluorobenzene
Concen: 51.07 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021632.D
Acq: 30 Mar 2021 16:11

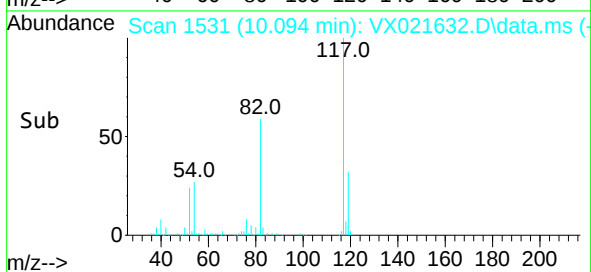
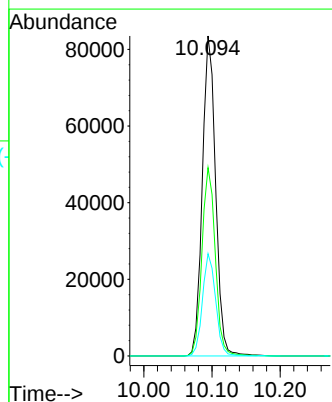
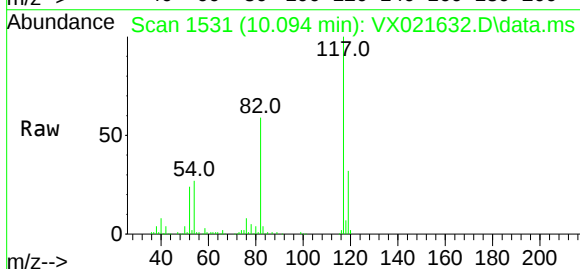
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

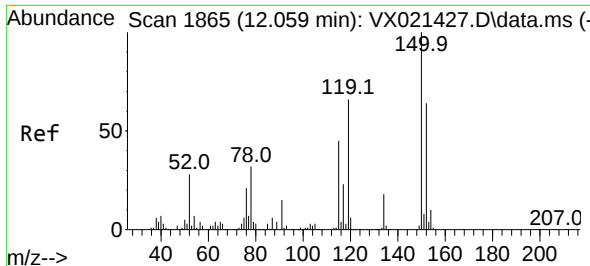
Tgt Ion: 95 Resp: 55282
Ion Ratio Lower Upper
95 100
174 72.9 0.0 154.6
176 71.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021632.D
Acq: 30 Mar 2021 16:11

Tgt Ion: 117 Resp: 113306
Ion Ratio Lower Upper
117 100
82 58.9 47.4 71.2
119 31.9 26.6 39.8

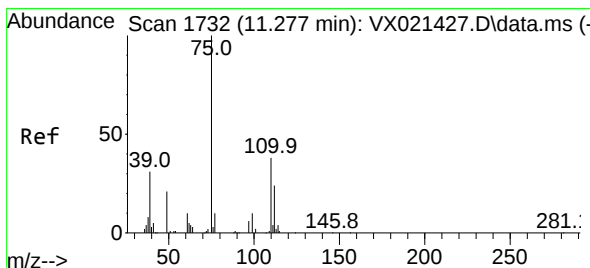
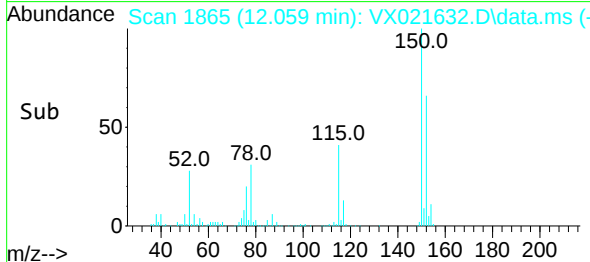
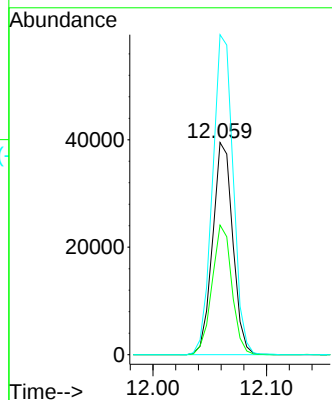
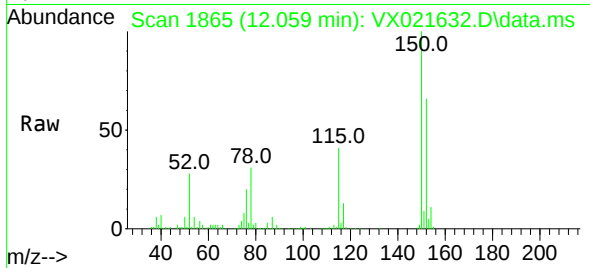




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.059 min Scan# 1865
 Delta R.T. -0.000 min
 Lab File: VX021632.D
 Acq: 30 Mar 2021 16:11

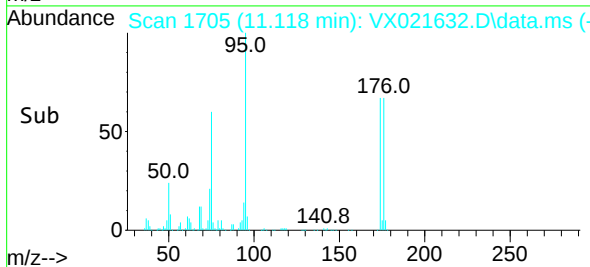
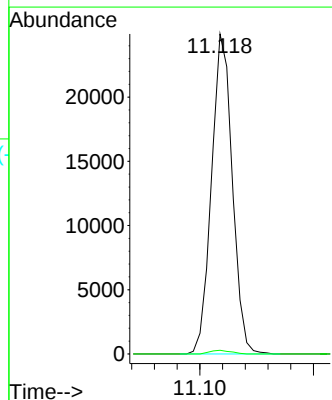
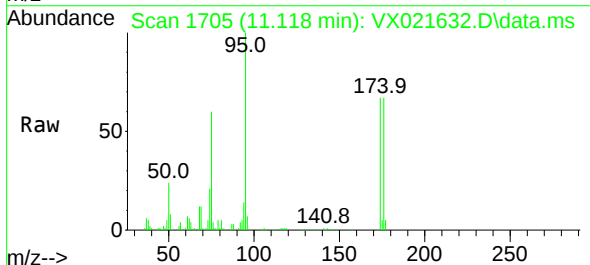
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

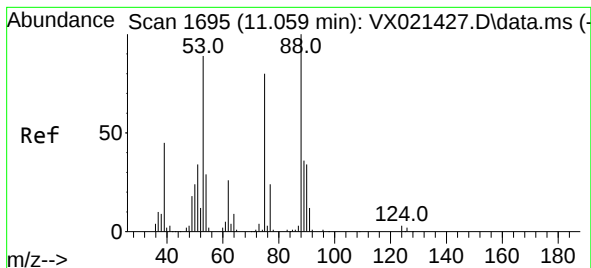
Tgt Ion:152 Resp: 48718
 Ion Ratio Lower Upper
 152 100
 115 60.0 41.1 123.3
 150 154.4 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 27.94 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. -0.159 min
 Lab File: VX021632.D
 Acq: 30 Mar 2021 16:11

Tgt Ion: 75 Resp: 31686
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#

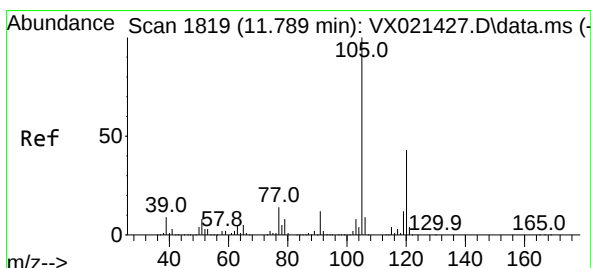
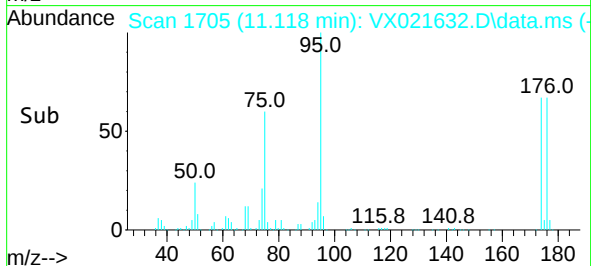
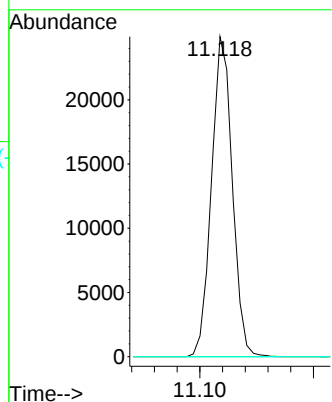
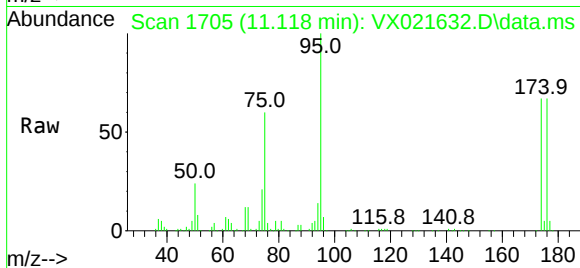




#81
trans-1,4-Dichloro-2-butene
Concen: 85.10 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021632.D
Acq: 30 Mar 2021 16:11

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

Tgt Ion: 75 Resp: 31686
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#84
1,2,4-Trimethylbenzene
Concen: 0.20 ug/l
RT: 11.788 min Scan# 1819
Delta R.T. -0.001 min
Lab File: VX021632.D
Acq: 30 Mar 2021 16:11

Tgt Ion: 105 Resp: 594
Ion Ratio Lower Upper
105 100
120 36.9 22.4 67.3

