

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052421\
 Data File : VX022152.D
 Acq On : 24 May 2021 16:59
 Operator : JC/MD
 Sample : M2497-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: May 25 02:07:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

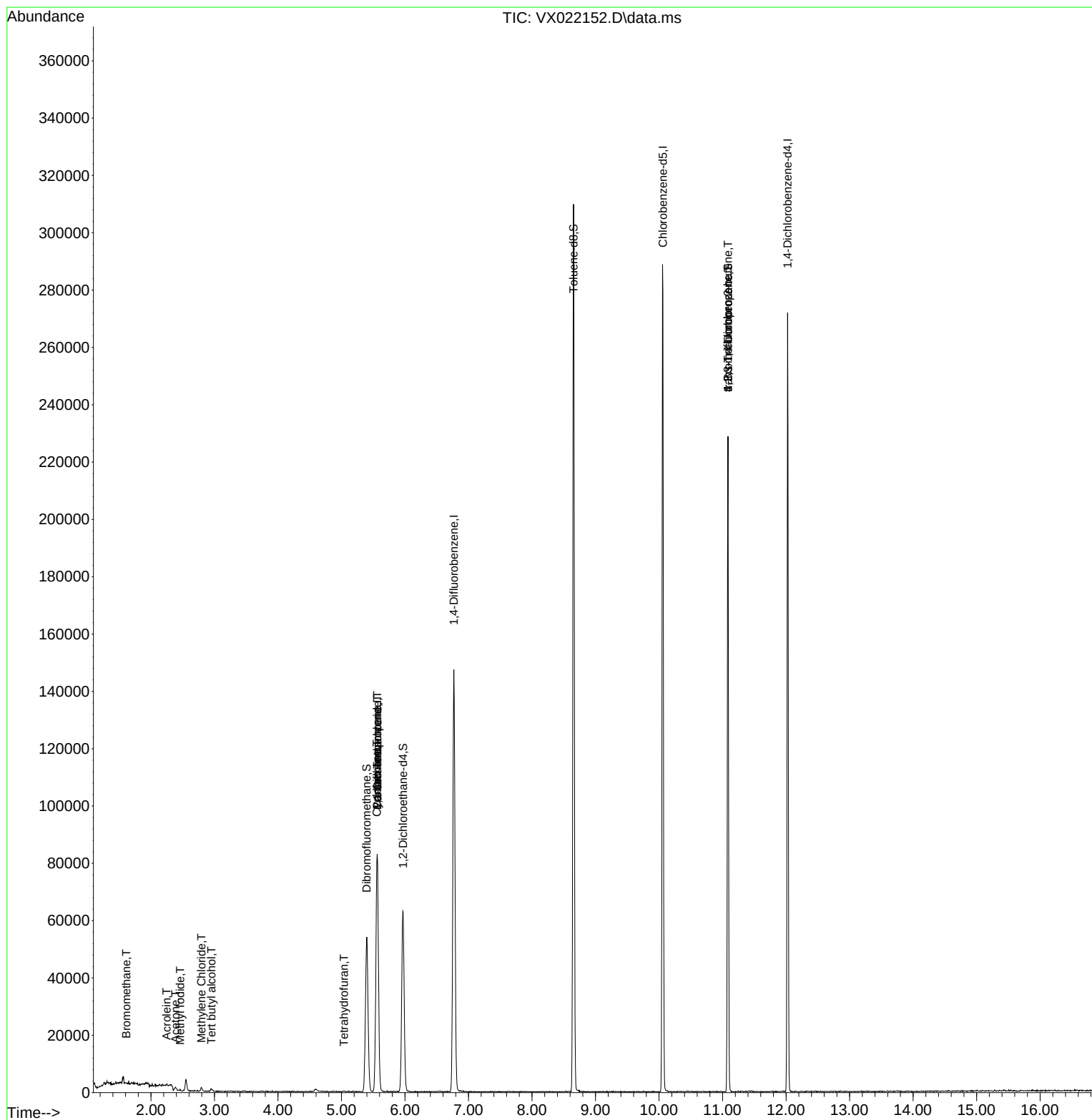
Internal Standards						
1) Pentafluorobenzene	5.562	168	72892	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	149037	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	129497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50303	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	58904	52.39	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.78%			
35) Dibromofluoromethane	5.397	113	46092	48.77	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.54%			
50) Toluene-d8	8.653	98	180695	49.63	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.26%			
62) 4-Bromofluorobenzene	11.085	95	62220	46.24	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.48%			
Target Compounds						Qvalue
5) Bromomethane	1.611	94	239	0.41	ug/l #	62
10) Methyl Iodide	2.459	142	198	0.21	ug/l #	53
11) Tert butyl alcohol	2.953	59	334	1.30	ug/l #	73
13) Acrolein	2.245	56	138	0.81	ug/l #	1
16) Acetone	2.386	43	1159	2.37	ug/l	98
20) Methylene Chloride	2.794	84	674	0.62	ug/l #	78
29) Tetrahydrofuran	5.038	42	121	0.26	ug/l #	27
31) Cyclohexane	5.556	56	1277	0.90	ug/l #	31
36) 1,1-Dichloropropene	5.562	75	6296	4.57	ug/l #	45
38) Carbon Tetrachloride	5.562	117	8248	6.12	ug/l #	16
76) 1,2,3-Trichloropropane	11.085	75	31647	25.50	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	31647	60.42	ug/l #	12

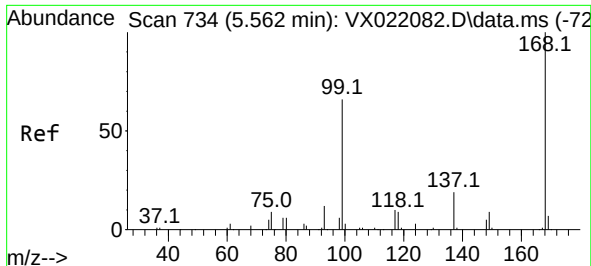
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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STORAGE-BLANK-WATER-REF-5

Quant Time: May 25 02:07:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration

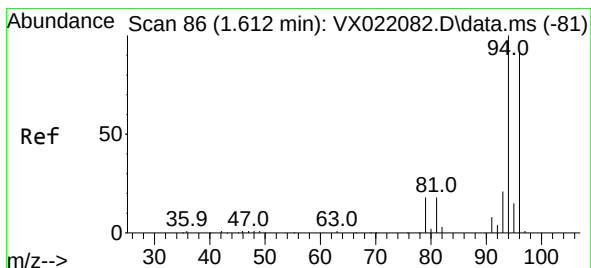
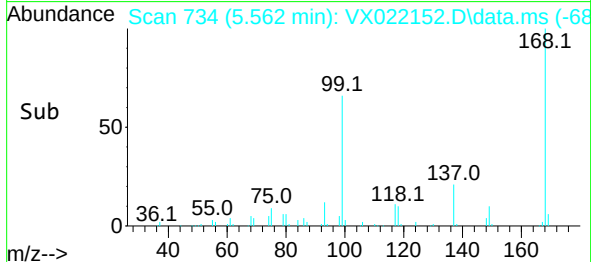
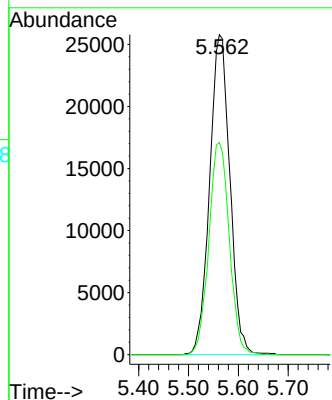
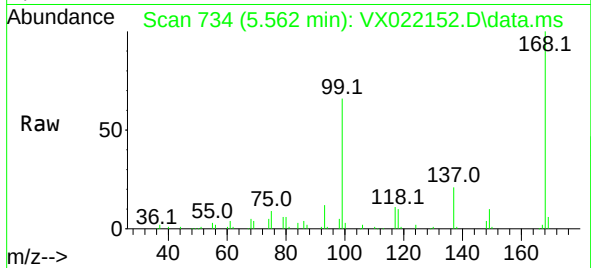




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022152.D
Acq: 24 May 2021 16:59

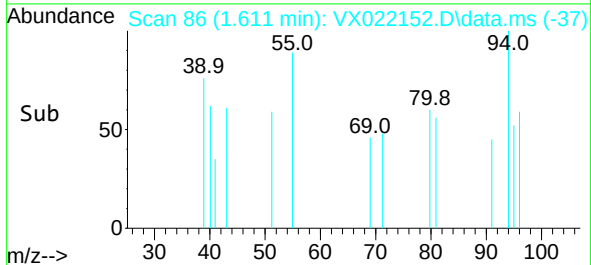
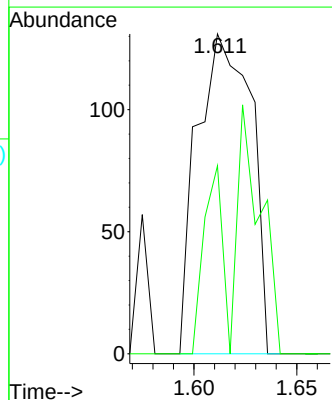
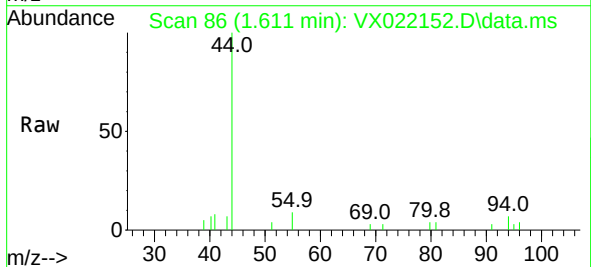
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

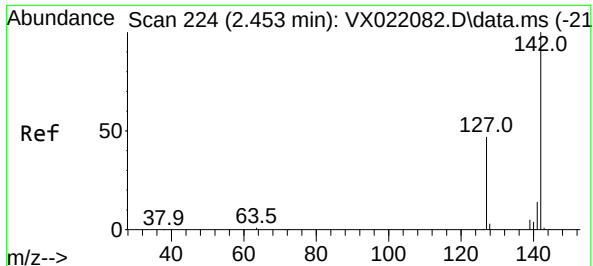
Tgt Ion:168 Resp: 72892
Ion Ratio Lower Upper
168 100
99 66.3 45.8 68.6



#5
Bromomethane
Concen: 0.41 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.001 min
Lab File: VX022152.D
Acq: 24 May 2021 16:59

Tgt Ion: 94 Resp: 239
Ion Ratio Lower Upper
94 100
96 58.8 76.4 114.6#

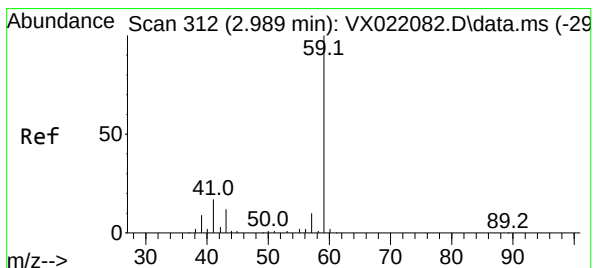
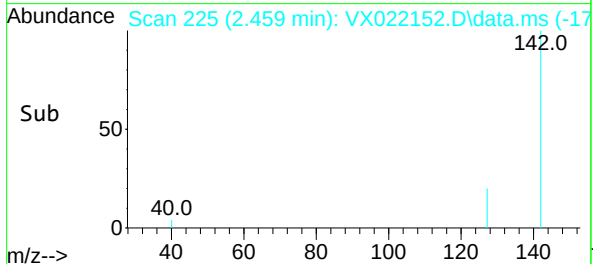
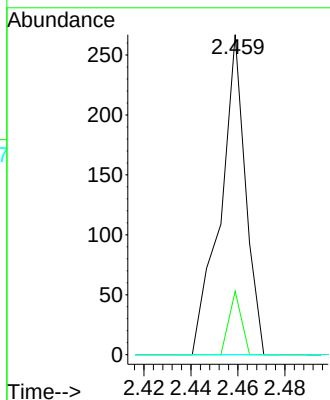
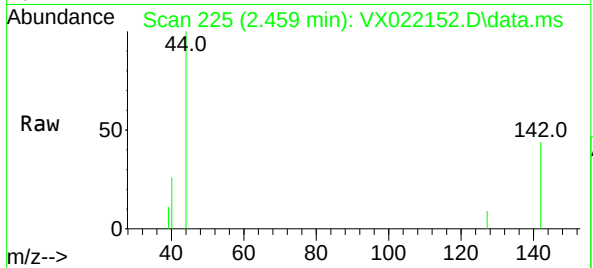




#10
Methyl Iodide
Concen: 0.21 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022152.D
Acq: 24 May 2021 16:59

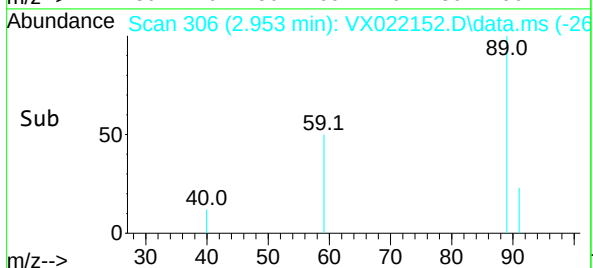
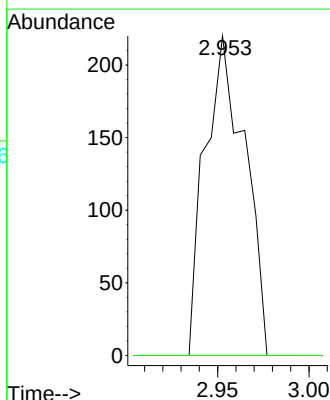
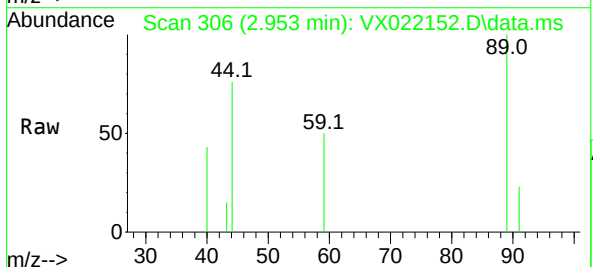
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

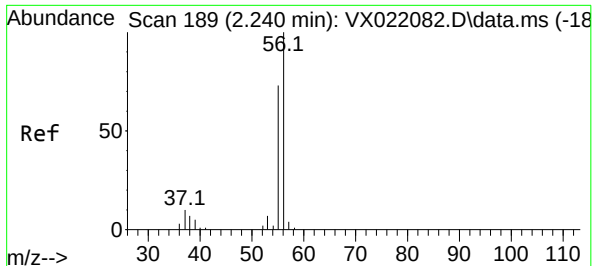
Tgt Ion:142 Resp: 198
Ion Ratio Lower Upper
142 100
127 9.6 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.30 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022152.D
Acq: 24 May 2021 16:59

Tgt Ion: 59 Resp: 334
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

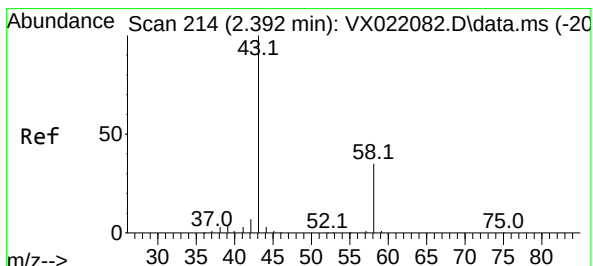
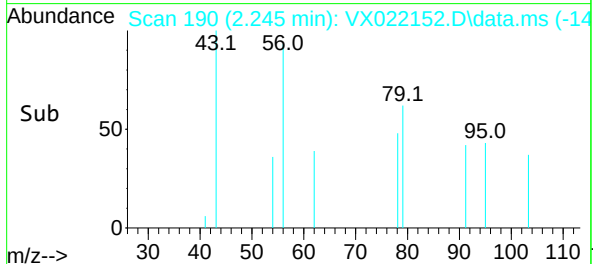
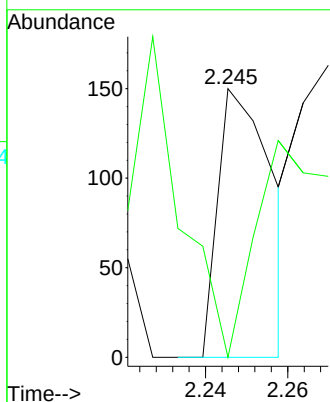
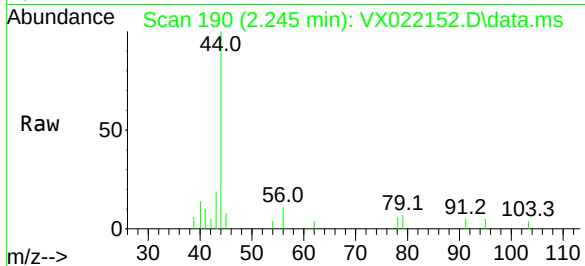




#13
Acrolein
Concen: 0.81 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.005 min
Lab File: VX022152.D
Acq: 24 May 2021 16:59

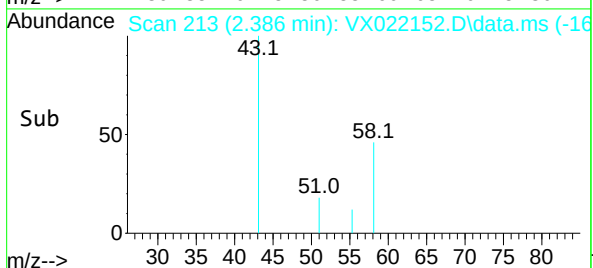
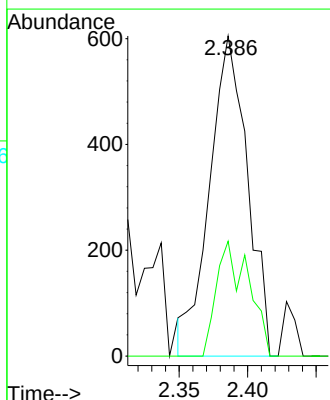
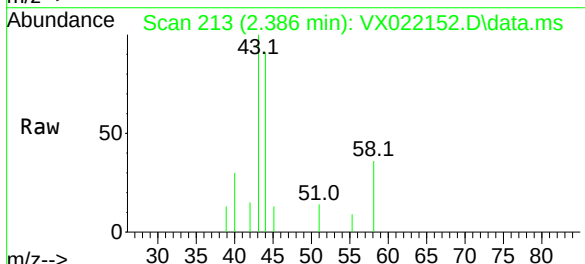
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

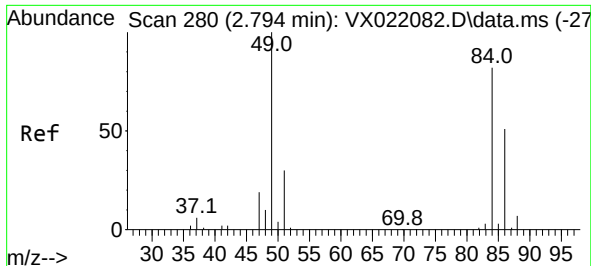
Tgt Ion: 56 Resp: 138
Ion Ratio Lower Upper
56 100
55 152.9 56.4 84.6#



#16
Acetone
Concen: 2.37 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022152.D
Acq: 24 May 2021 16:59

Tgt Ion: 43 Resp: 1159
Ion Ratio Lower Upper
43 100
58 35.9 27.8 41.8



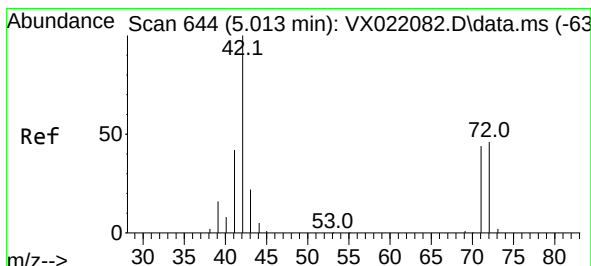
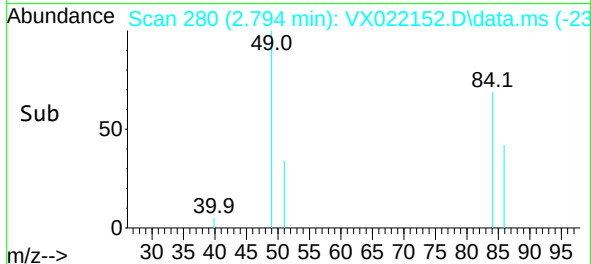
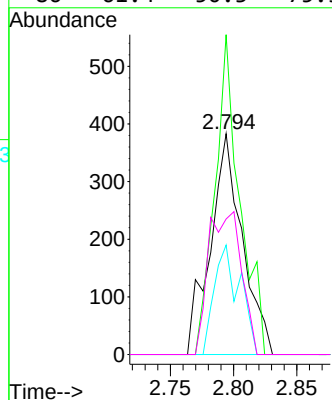
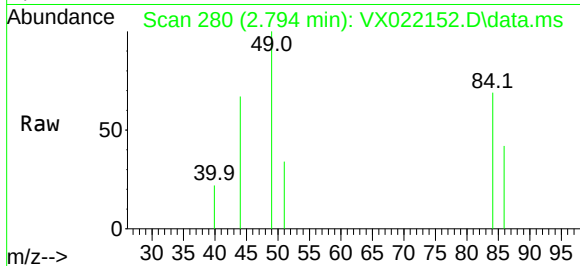


#20
Methylene Chloride
Concen: 0.62 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022152.D
Acq: 24 May 2021 16:59

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

Tgt Ion: 84 Resp: 674

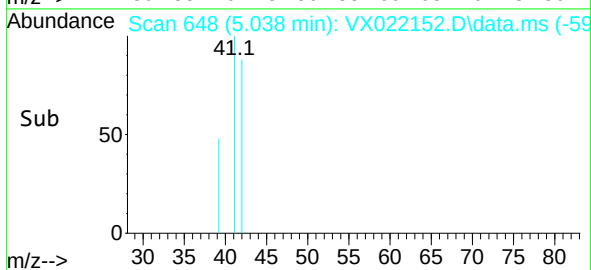
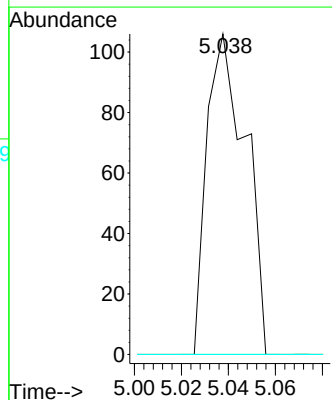
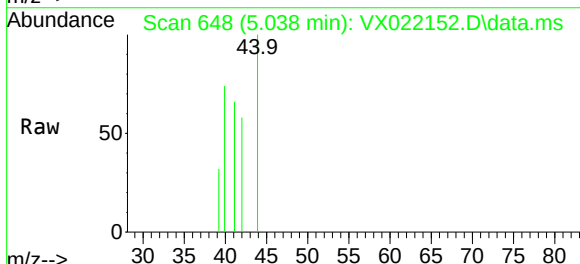
Ion	Ratio	Lower	Upper
84	100		
49	144.9	88.6	132.8#
51	49.6	27.0	40.6#
86	61.4	50.3	75.5

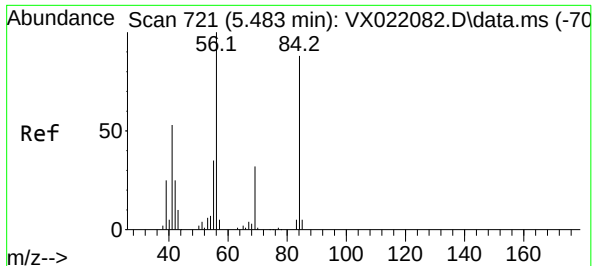


#29
Tetrahydrofuran
Concen: 0.26 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.025 min
Lab File: VX022152.D
Acq: 24 May 2021 16:59

Tgt Ion: 42 Resp: 121

Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	38.4	57.6#

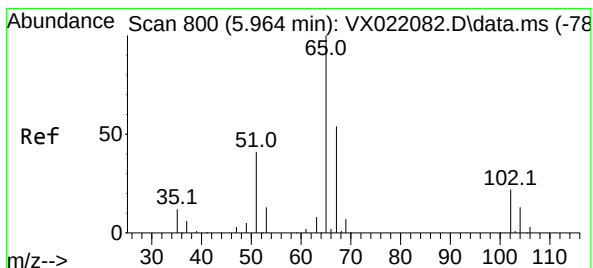
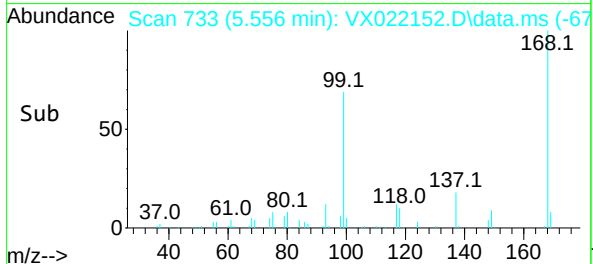
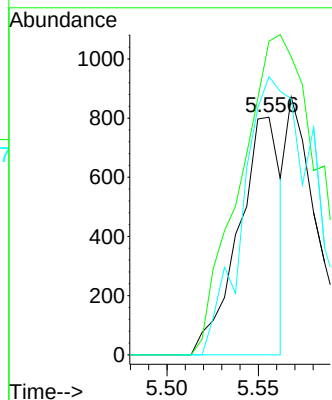
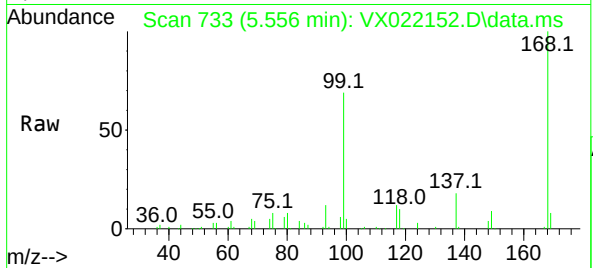




#31
Cyclohexane
Concen: 0.90 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.073 min
Lab File: VX022152.D
Acq: 24 May 2021 16:59

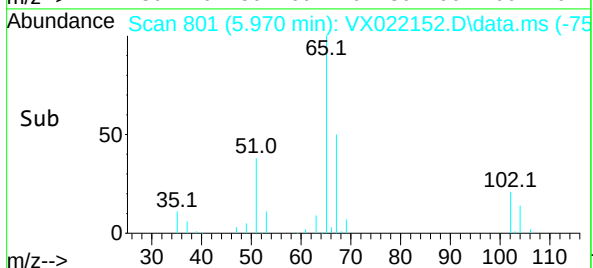
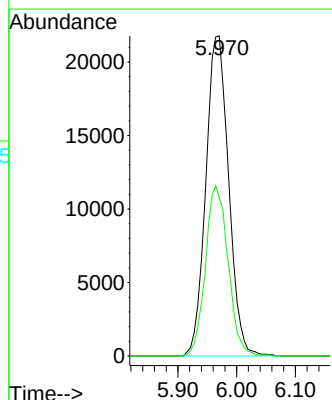
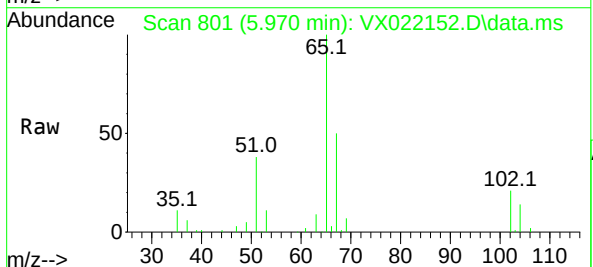
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ClientSampleId :
STORAGE-BLANK-WATER-REF-5

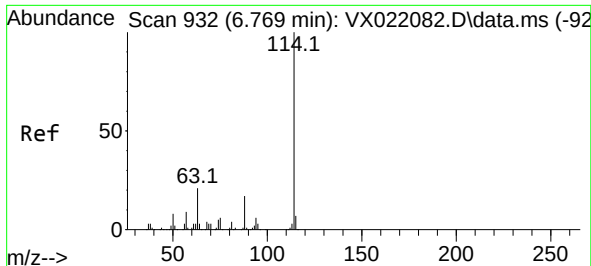
Tgt Ion: 56 Resp: 1277
Ion Ratio Lower Upper
56 100
69 132.0 25.3 37.9#
84 117.1 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 52.39 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX022152.D
Acq: 24 May 2021 16:59

Tgt Ion: 65 Resp: 58904
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.4

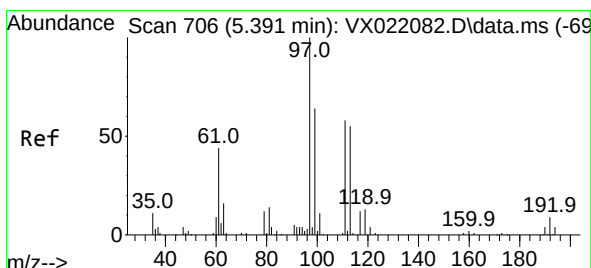
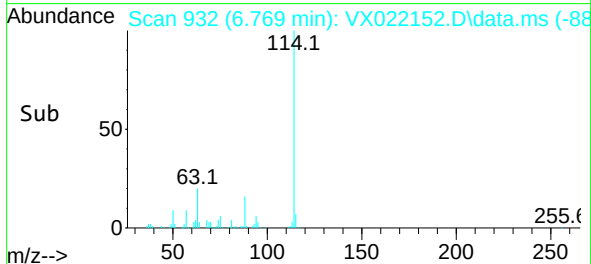
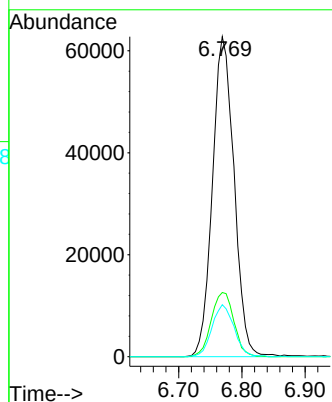
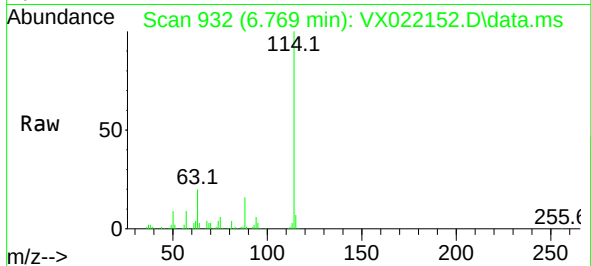




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022152.D
Acq: 24 May 2021 16:59

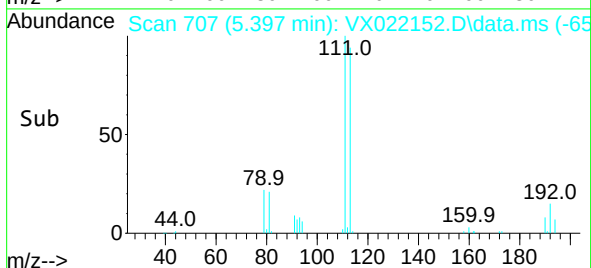
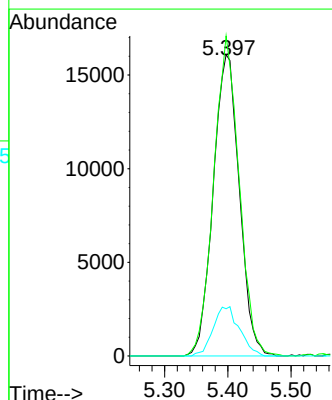
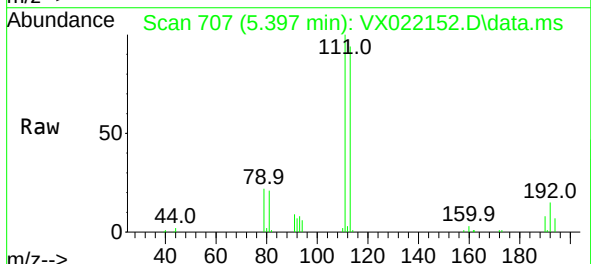
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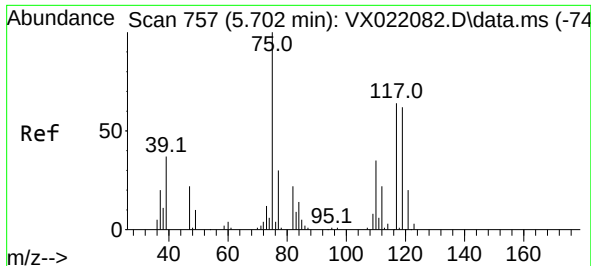
Tgt Ion:	114	Resp:	149037
Ion Ratio	Lower	Upper	
114	100		
63	20.0	0.0	40.8
88	16.3	0.0	32.8



#35
Dibromofluoromethane
Concen: 48.77 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022152.D
Acq: 24 May 2021 16:59

Tgt Ion:	113	Resp:	46092
Ion Ratio	Lower	Upper	
113	100		
111	103.4	81.9	122.9
192	16.5	16.7	25.1#





#36

1,1-Dichloropropene

Concen: 4.57 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022152.D

Acq: 24 May 2021 16:59

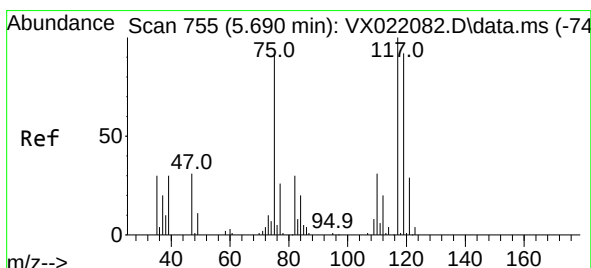
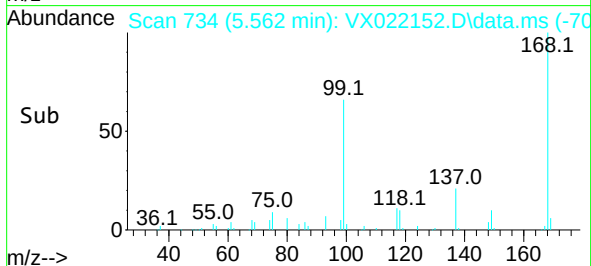
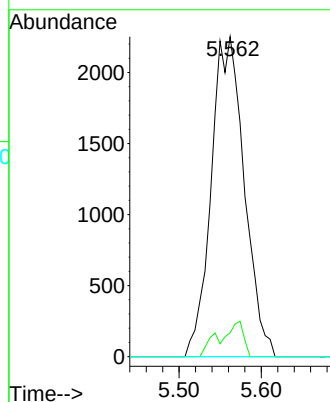
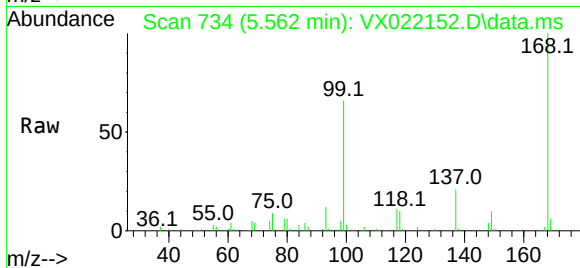
Tgt Ion:	75	Resp:	6296
Ion	Ratio	Lower	Upper
75	100		
110	5.2	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5



#38

Carbon Tetrachloride

Concen: 6.12 ug/l

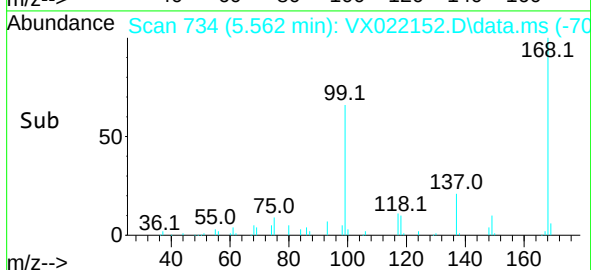
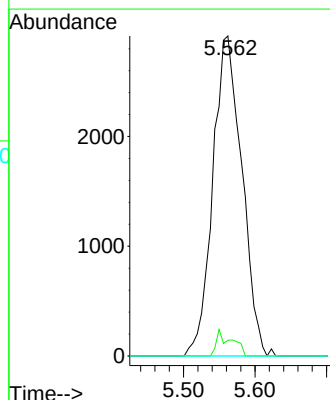
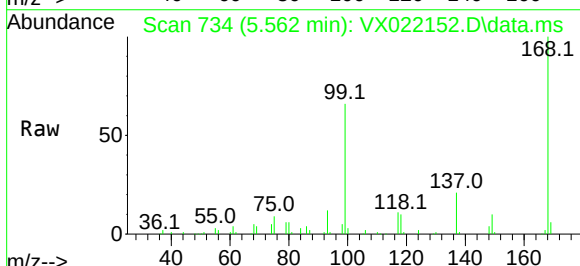
RT: 5.562 min Scan# 734

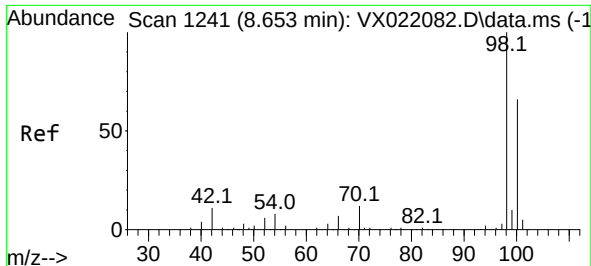
Delta R.T. -0.128 min

Lab File: VX022152.D

Acq: 24 May 2021 16:59

Tgt Ion:	117	Resp:	8248
Ion	Ratio	Lower	Upper
117	100		
119	4.9	76.2	114.2#
121	0.0	24.8	37.2#

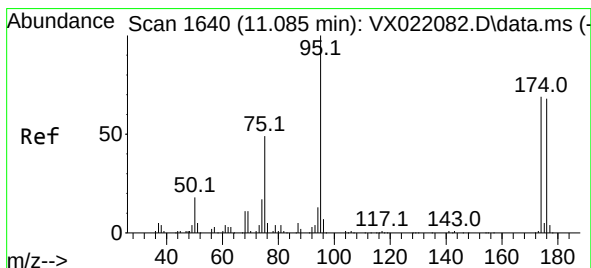
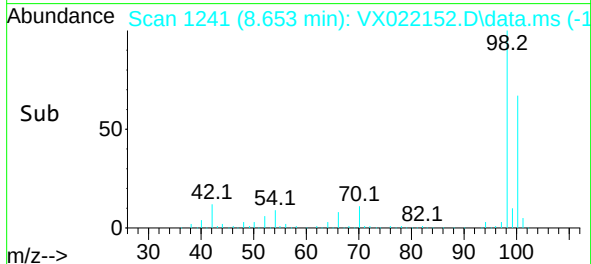
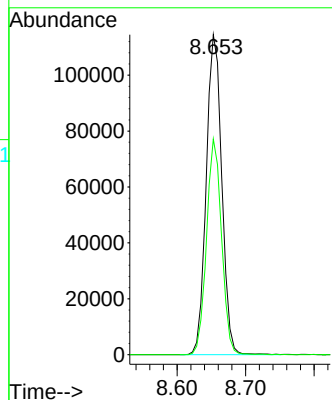
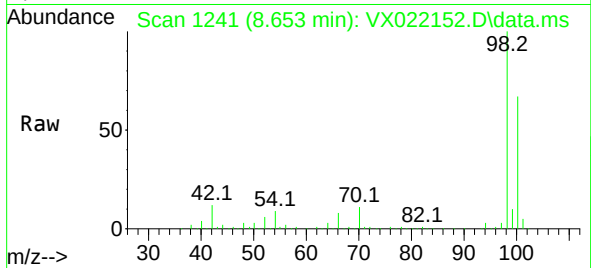




#50
Toluene-d8
Concen: 49.63 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022152.D
Acq: 24 May 2021 16:59

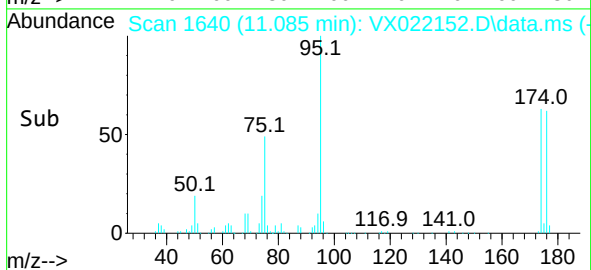
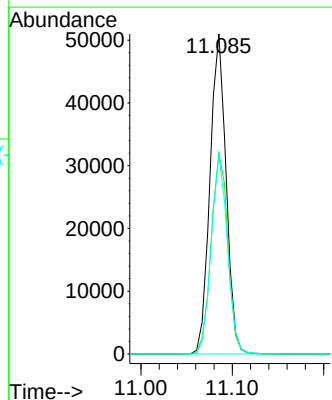
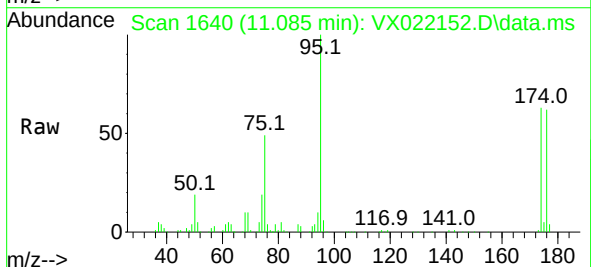
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

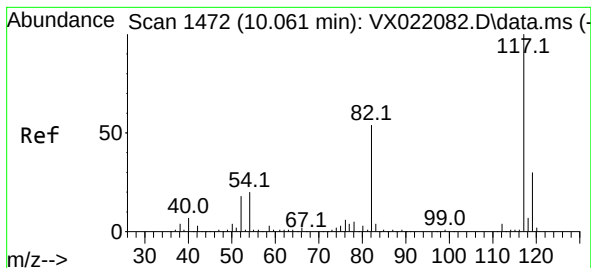
Tgt Ion: 98 Resp: 180695
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.24 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022152.D
Acq: 24 May 2021 16:59

Tgt Ion: 95 Resp: 62220
Ion Ratio Lower Upper
95 100
174 64.9 0.0 154.6
176 62.6 0.0 155.8

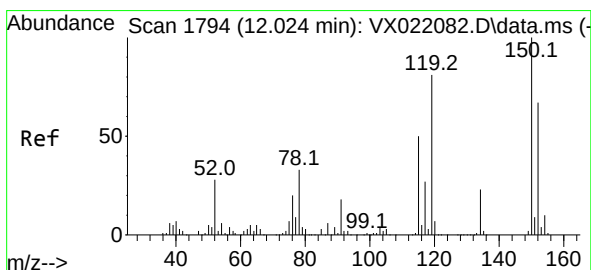
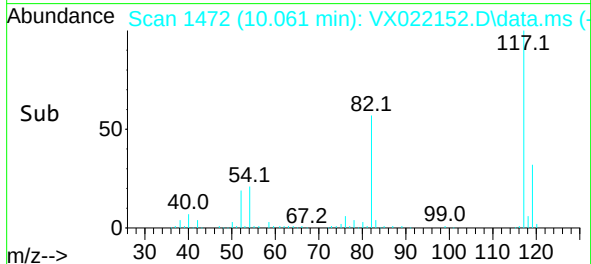
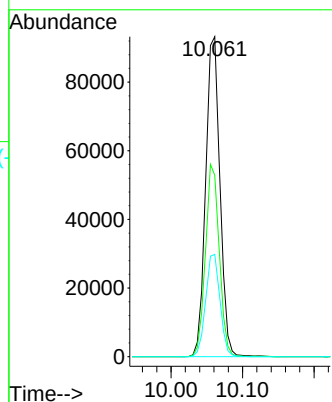
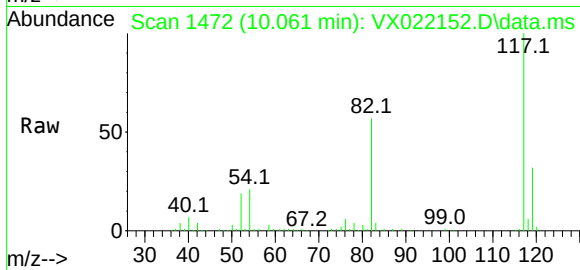




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022152.D
Acq: 24 May 2021 16:59

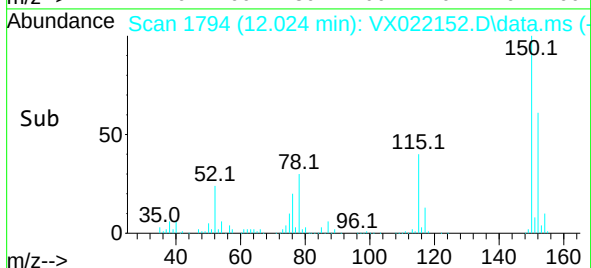
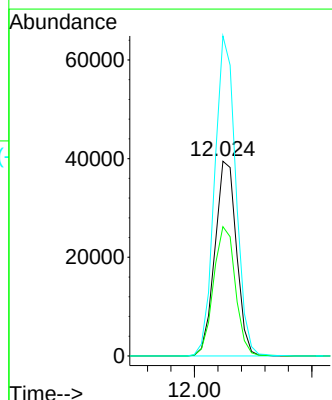
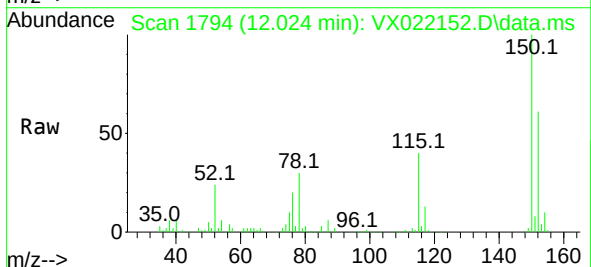
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

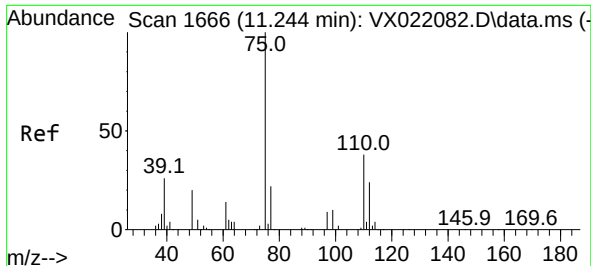
Tgt Ion:117 Resp: 129497
Ion Ratio Lower Upper
117 100
82 56.7 47.4 71.2
119 31.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022152.D
Acq: 24 May 2021 16:59

Tgt Ion:152 Resp: 50303
Ion Ratio Lower Upper
152 100
115 67.4 41.1 123.3
150 161.2 0.0 349.0

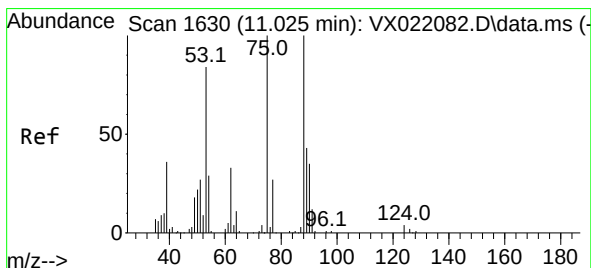
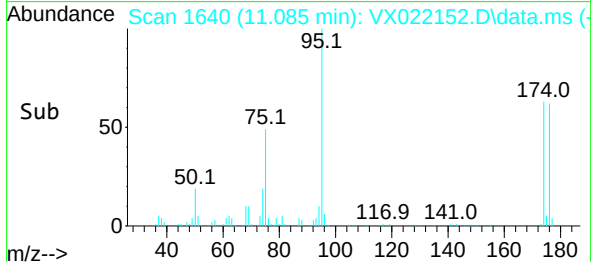
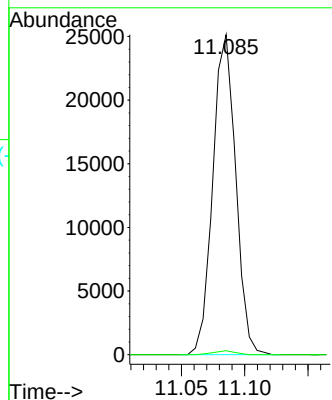
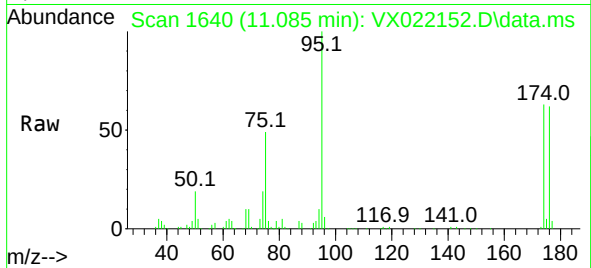




#76
1,2,3-Trichloropropane
Concen: 25.50 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022152.D
Acq: 24 May 2021 16:59

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

Tgt Ion: 75 Resp: 31647
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.42 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022152.D
Acq: 24 May 2021 16:59

Tgt Ion: 75 Resp: 31647
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

