

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052121\
 Data File : VX022121.D
 Acq On : 21 May 2021 17:26
 Operator : JC/MD
 Sample : M2481-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DI-WATER

Quant Time: May 22 04:57:03 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)

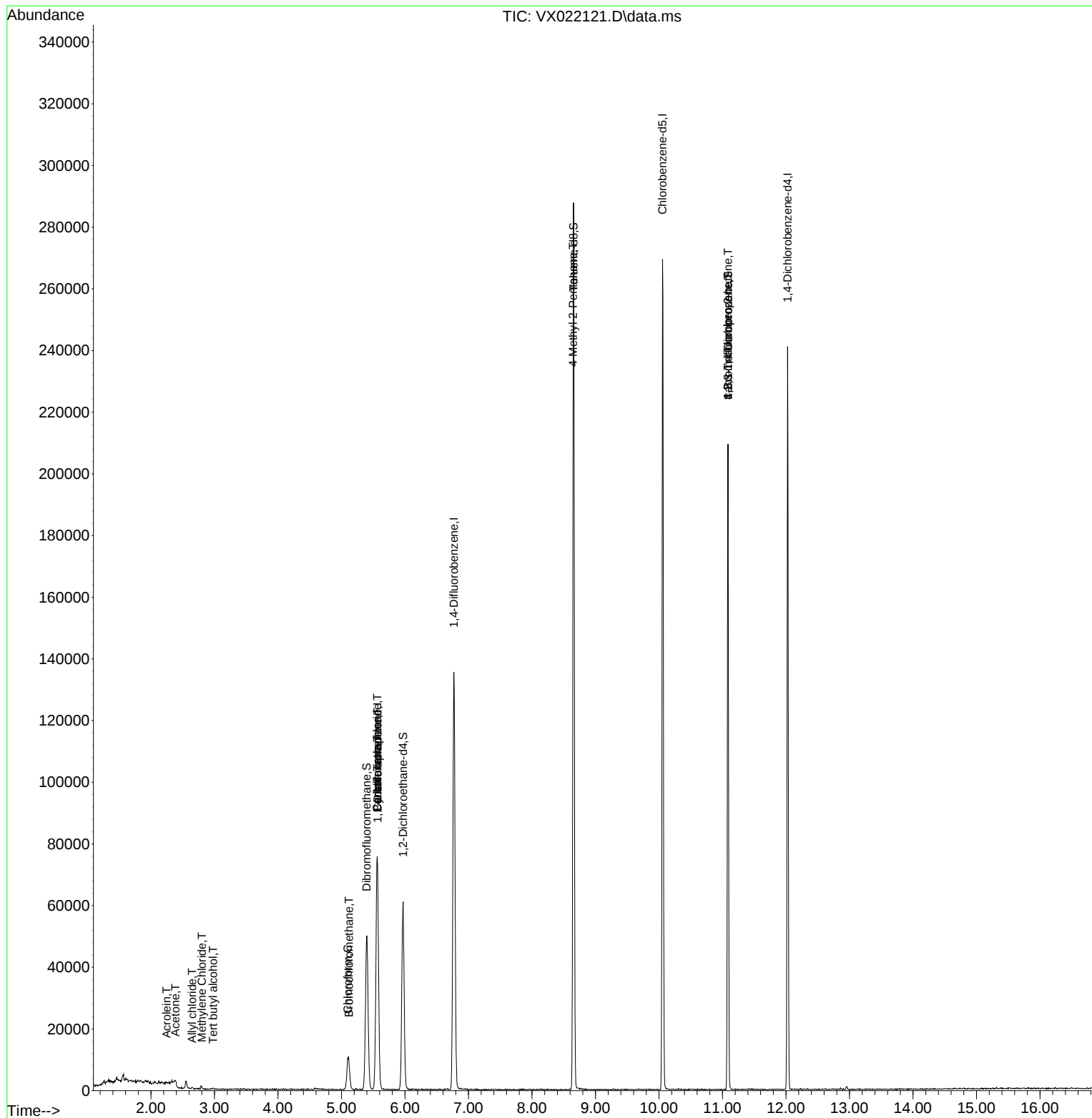
Internal Standards						
1) Pentafluorobenzene	5.562	168	67140	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	137790	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119151	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	45114	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	53431	51.59	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.18%			
35) Dibromofluoromethane	5.397	113	42884	49.08	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.16%			
50) Toluene-d8	8.653	98	164784	48.96	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.92%			
62) 4-Bromofluorobenzene	11.085	95	57136	45.92	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.84%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.977	59	368	1.55	ug/l #	73
13) Acrolein	2.246	56	60	0.38	ug/l #	1
14) Allyl chloride	2.648	41	546	0.39	ug/l #	39
16) Acetone	2.386	43	2231	4.95	ug/l	92
20) Methylene Chloride	2.800	84	296	0.30	ug/l #	78
28) Bromochloromethane	5.117	49	1175	1.52	ug/l #	9
30) Chloroform	5.099	83	12489	7.57	ug/l	98
31) Cyclohexane	5.562	56	1949	1.50	ug/l #	6
36) 1,1-Dichloropropene	5.568	75	6125	4.81	ug/l #	47
38) Carbon Tetrachloride	5.562	117	7433	5.96	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	875	0.57	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	29283	26.31	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	29283	62.34	ug/l #	12

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

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Instrument :
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Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
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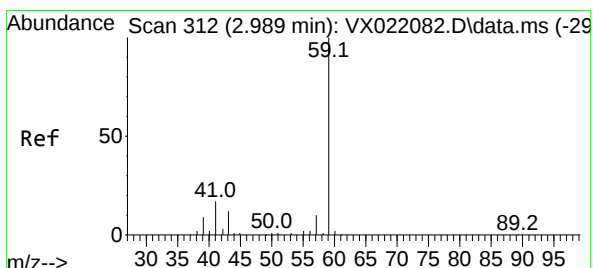
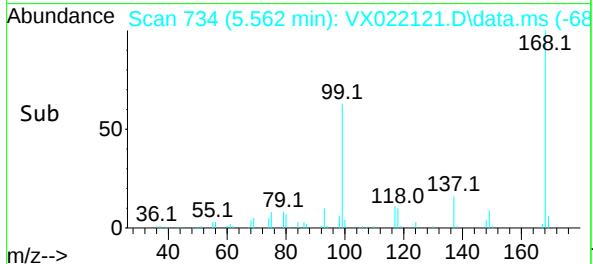
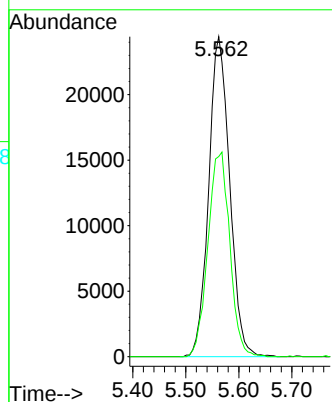
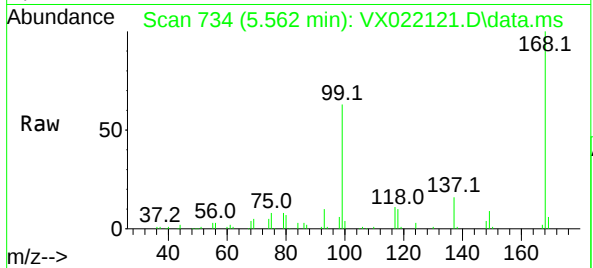




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022121.D
Acq: 21 May 2021 17:26

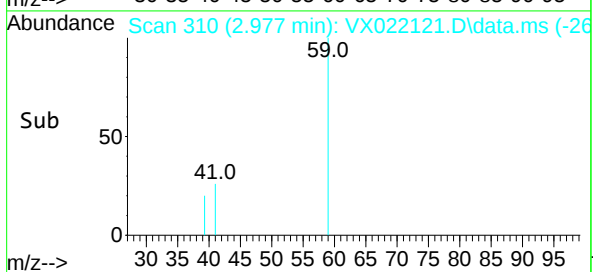
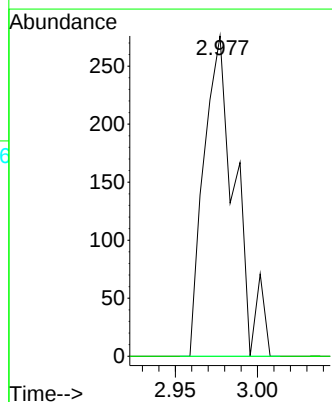
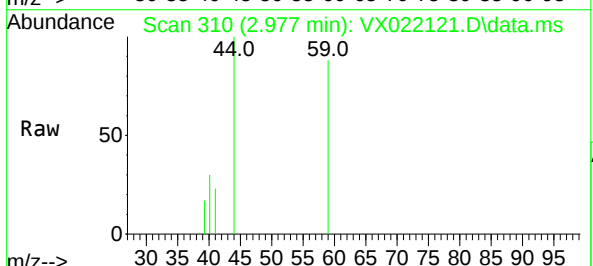
Instrument :
MSVOA_X
ClientSampleId :
DI-WATER

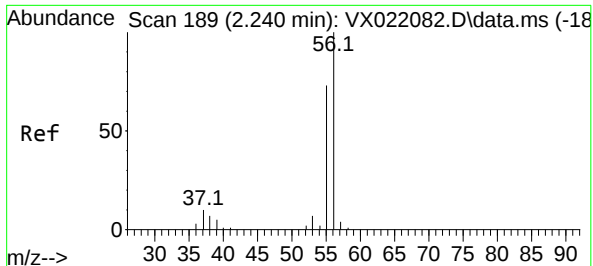
Tgt Ion:168 Resp: 67140
Ion Ratio Lower Upper
168 100
99 62.6 45.8 68.6



#11
Tert butyl alcohol
Concen: 1.55 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.012 min
Lab File: VX022121.D
Acq: 21 May 2021 17:26

Tgt Ion: 59 Resp: 368
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

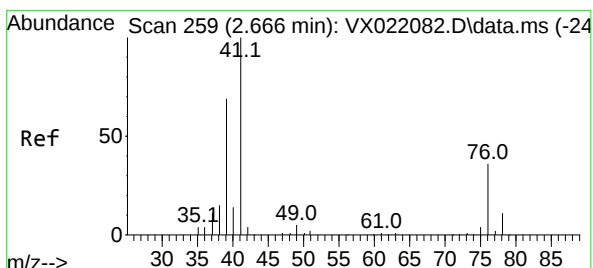
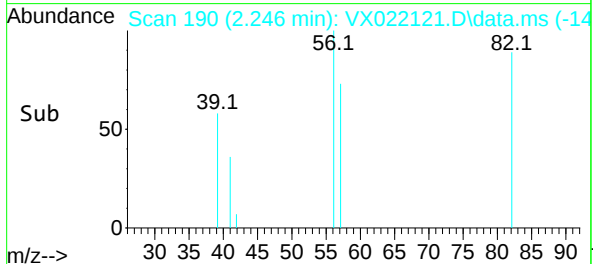
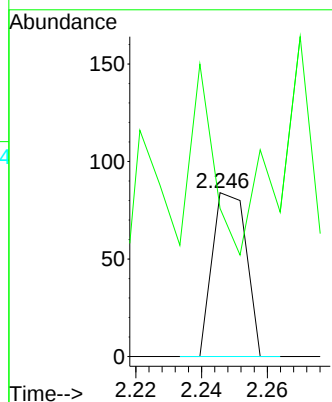
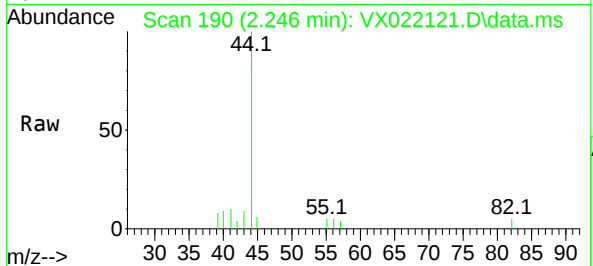




#13
Acrolein
Concen: 0.38 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX022121.D
Acq: 21 May 2021 17:26

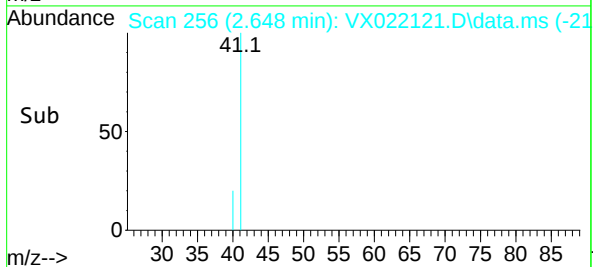
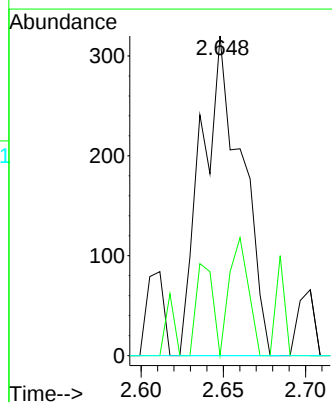
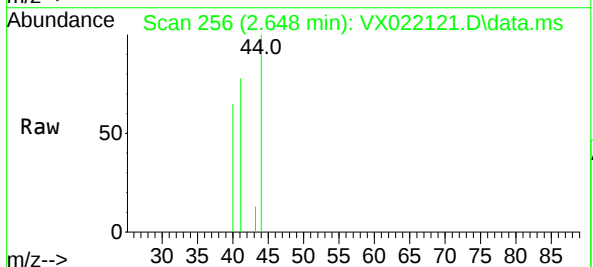
Instrument :
MSVOA_X
ClientSampleId :
DI-WATER

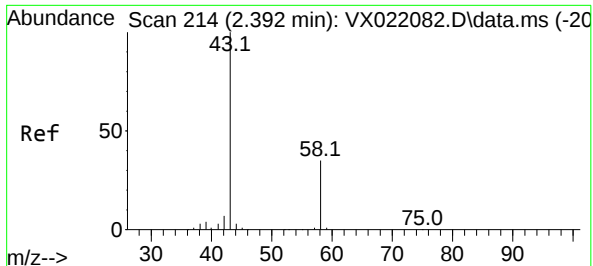
Tgt Ion: 56 Resp: 60
Ion Ratio Lower Upper
56 100
55 170.0 56.4 84.6#



#14
Allyl chloride
Concen: 0.39 ug/l
RT: 2.648 min Scan# 256
Delta R.T. -0.018 min
Lab File: VX022121.D
Acq: 21 May 2021 17:26

Tgt Ion: 41 Resp: 546
Ion Ratio Lower Upper
41 100
39 17.4 51.6 77.4#
76 0.0 30.5 45.7#

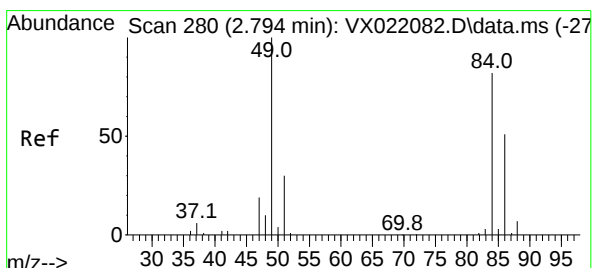
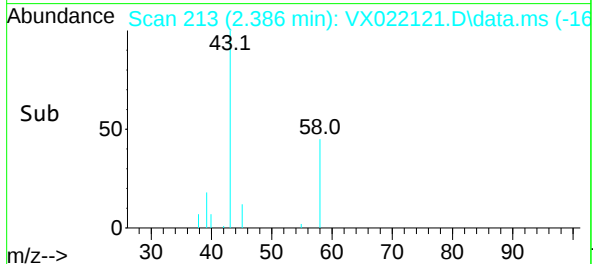
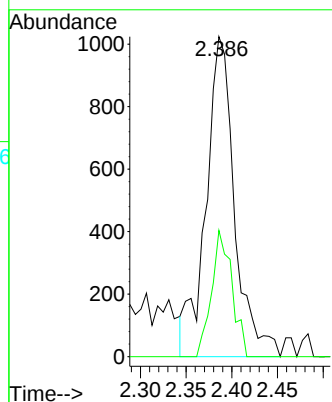
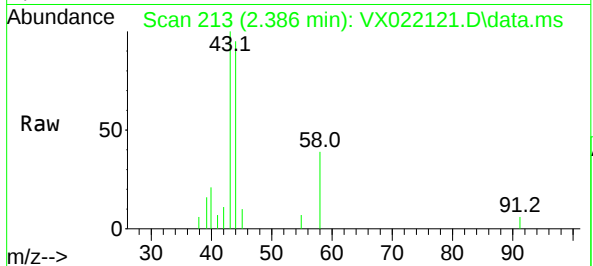




#16
Acetone
Concen: 4.95 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022121.D
Acq: 21 May 2021 17:26

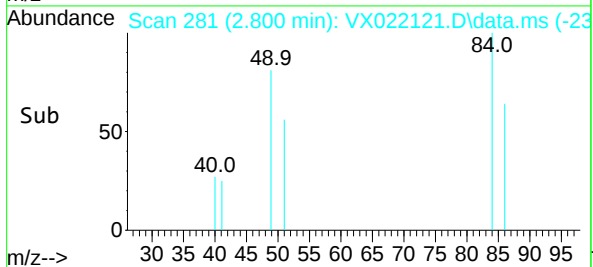
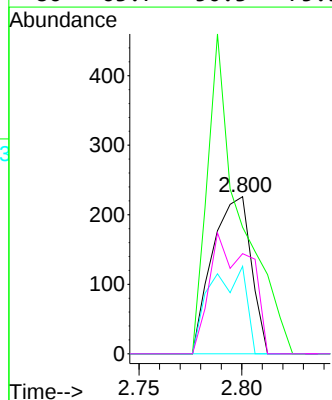
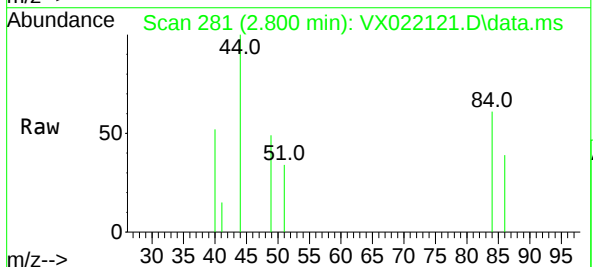
Instrument :
MSVOA_X
ClientSampled :
DI-WATER

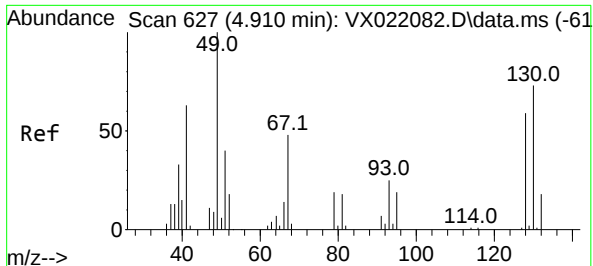
Tgt Ion: 43 Resp: 2231
Ion Ratio Lower Upper
43 100
58 39.5 27.8 41.8



#20
Methylene Chloride
Concen: 0.30 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX022121.D
Acq: 21 May 2021 17:26

Tgt Ion: 84 Resp: 296
Ion Ratio Lower Upper
84 100
49 80.5 88.6 132.8#
51 55.8 27.0 40.6#
86 63.7 50.3 75.5

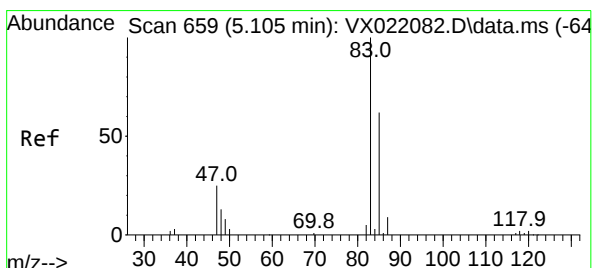
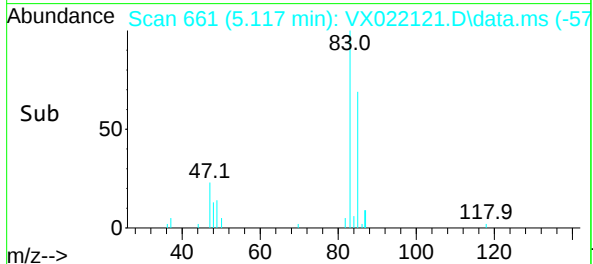
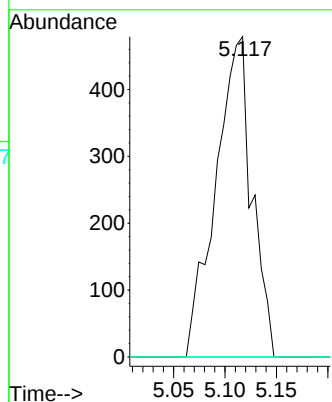
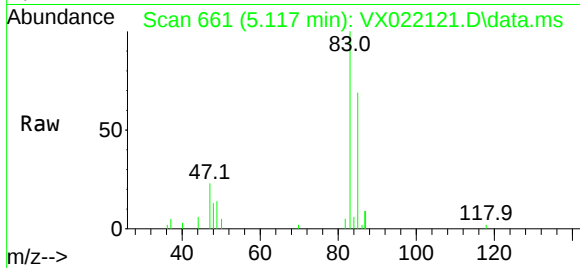




#28
Bromochloromethane
Concen: 1.52 ug/l
RT: 5.117 min Scan# 661
Delta R.T. 0.207 min
Lab File: VX022121.D
Acq: 21 May 2021 17:26

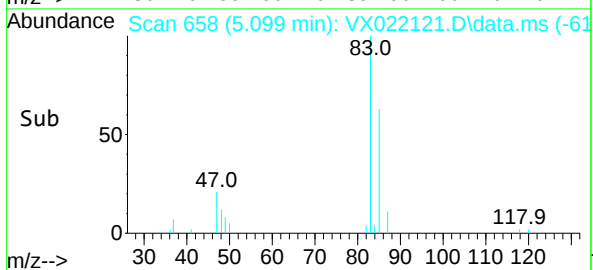
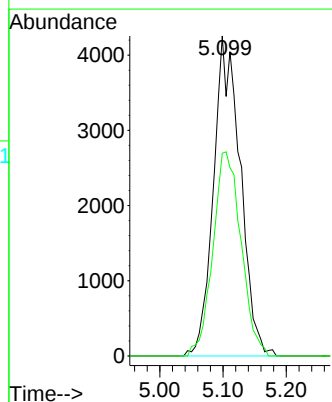
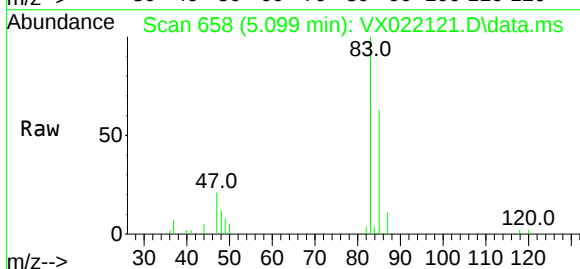
Instrument :
MSVOA_X
ClientSampleId :
DI-WATER

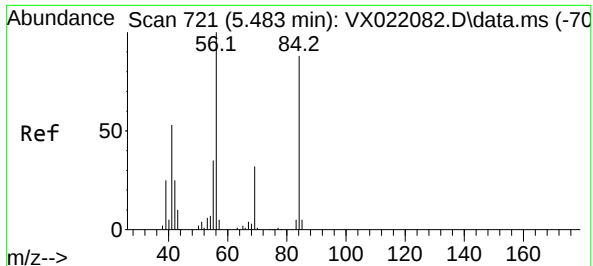
Tgt Ion: 49 Resp: 1175
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 68.2 102.2#



#30
Chloroform
Concen: 7.57 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.006 min
Lab File: VX022121.D
Acq: 21 May 2021 17:26

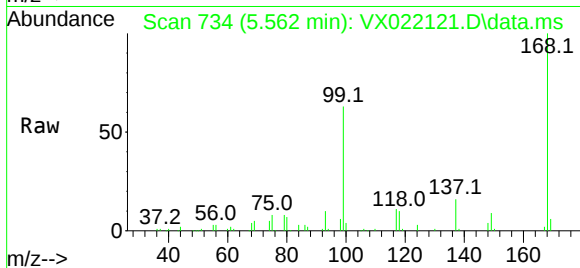
Tgt Ion: 83 Resp: 12489
Ion Ratio Lower Upper
83 100
85 63.3 52.0 78.0



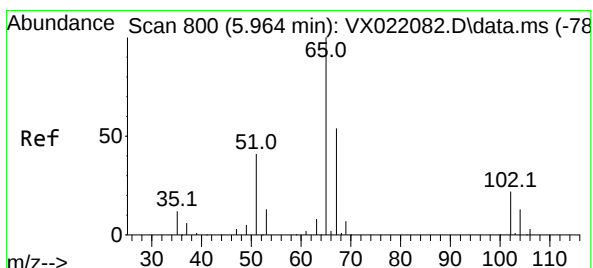
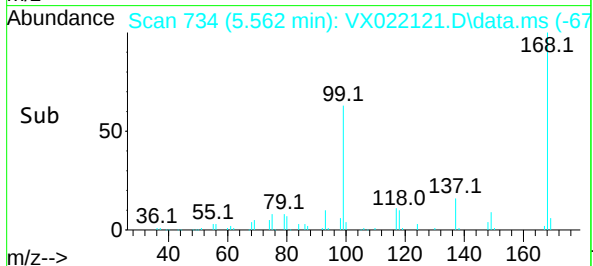
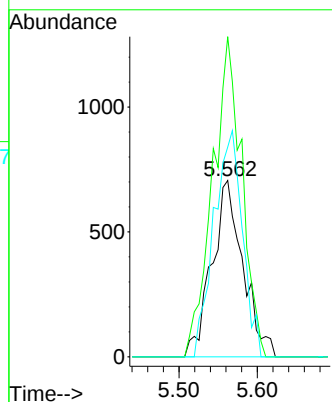


#31
Cyclohexane
Concen: 1.50 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX022121.D
Acq: 21 May 2021 17:26

Instrument :
MSVOA_X
ClientSampleId :
DI-WATER

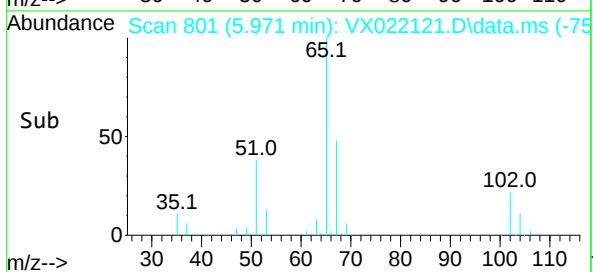
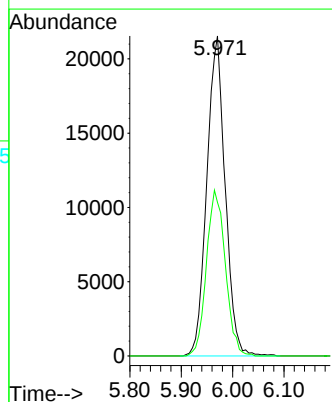
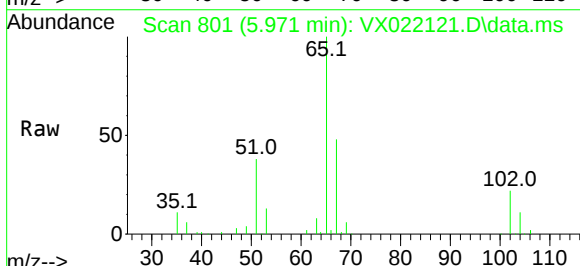


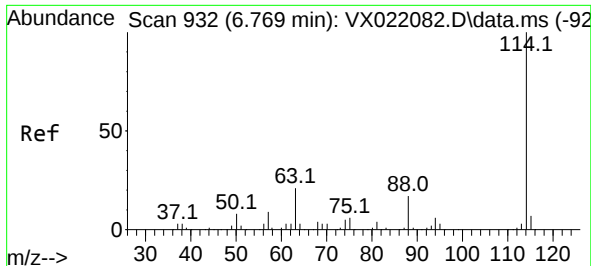
Tgt Ion: 56 Resp: 1949
Ion Ratio Lower Upper
56 100
69 181.6 25.3 37.9#
84 119.0 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 51.59 ug/l
RT: 5.971 min Scan# 801
Delta R.T. 0.007 min
Lab File: VX022121.D
Acq: 21 May 2021 17:26

Tgt Ion: 65 Resp: 53431
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.4

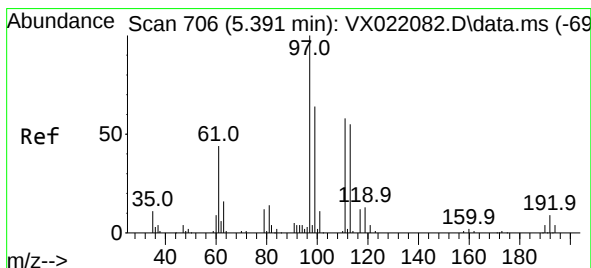
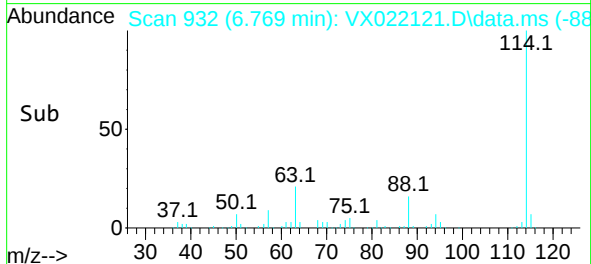
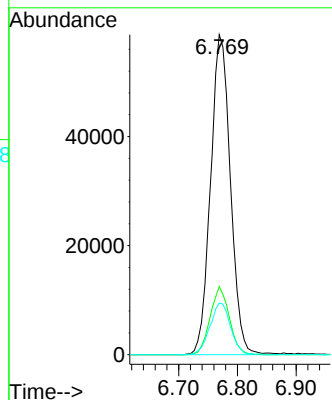
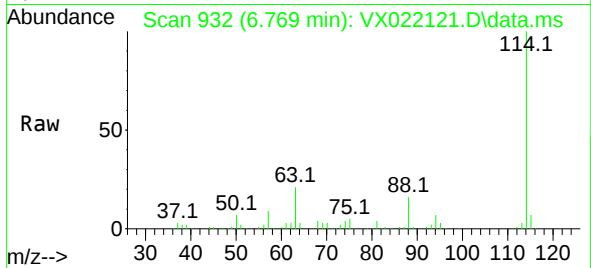




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022121.D
Acq: 21 May 2021 17:26

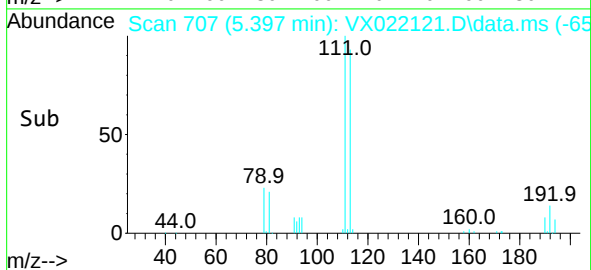
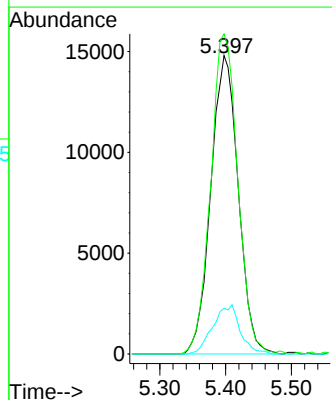
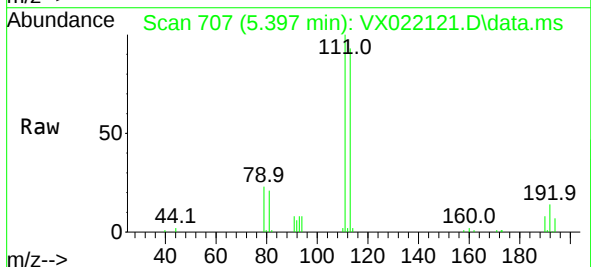
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DI-WATER

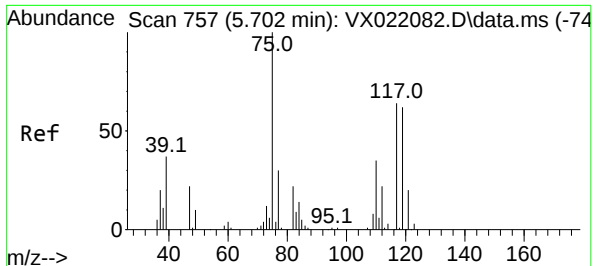
Tgt Ion:114 Resp: 137790
Ion Ratio Lower Upper
114 100
63 21.3 0.0 40.8
88 16.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.08 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022121.D
Acq: 21 May 2021 17:26

Tgt Ion:113 Resp: 42884
Ion Ratio Lower Upper
113 100
111 106.3 81.9 122.9
192 16.3 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 4.81 ug/l

RT: 5.568 min Scan# 735

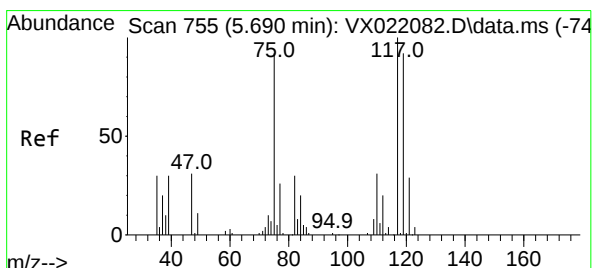
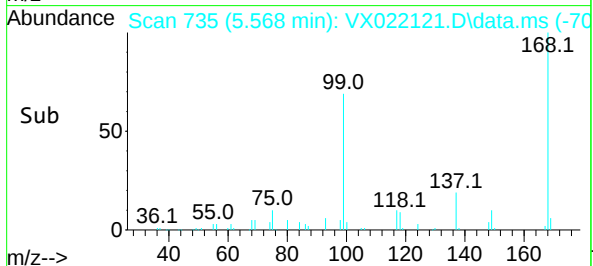
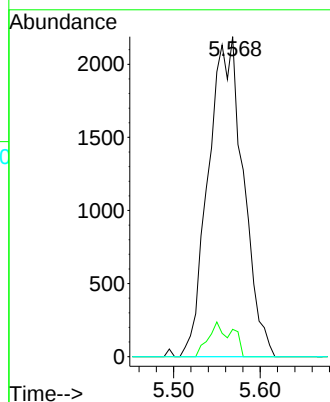
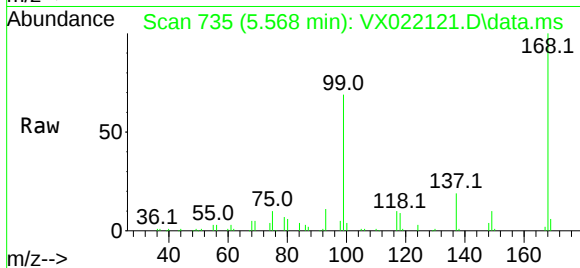
Delta R.T. -0.134 min

Lab File: VX022121.D

Acq: 21 May 2021 17:26

Tgt Ion:	75	Resp:	6125
Ion	Ratio	Lower	Upper
75	100		
110	7.3	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampleId :
DI-WATER



#38

Carbon Tetrachloride

Concen: 5.96 ug/l

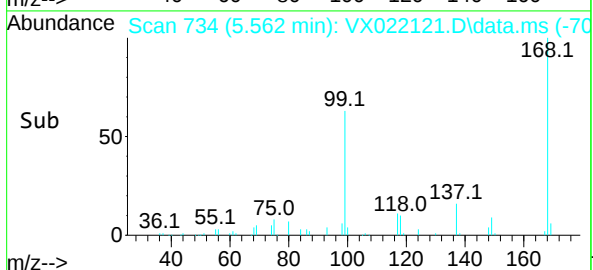
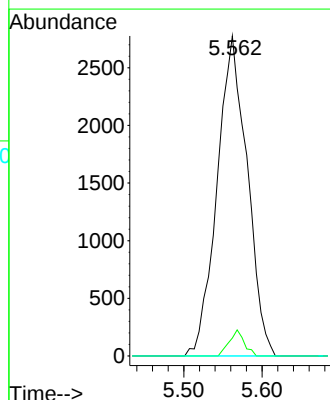
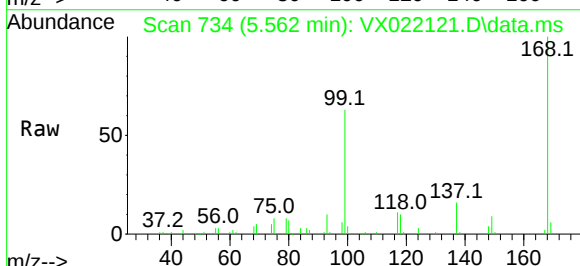
RT: 5.562 min Scan# 734

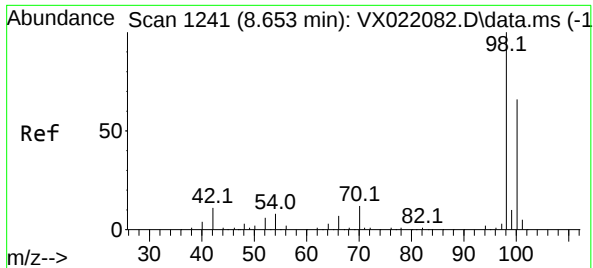
Delta R.T. -0.128 min

Lab File: VX022121.D

Acq: 21 May 2021 17:26

Tgt Ion:	117	Resp:	7433
Ion	Ratio	Lower	Upper
117	100		
119	5.6	76.2	114.2#
121	0.0	24.8	37.2#

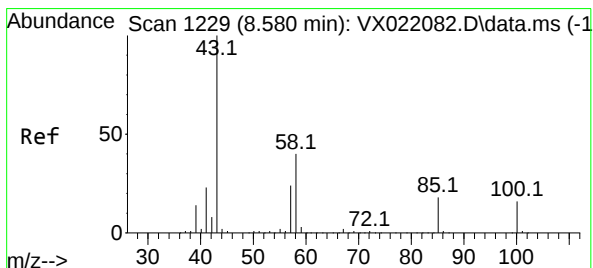
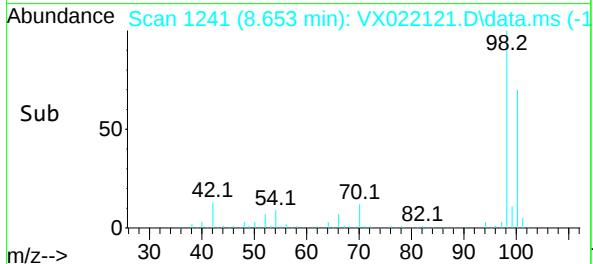
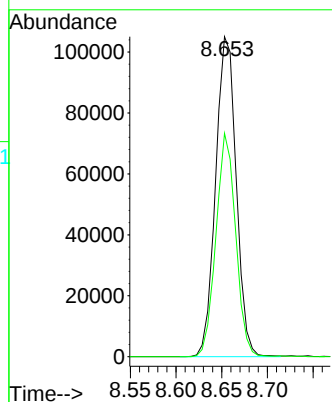
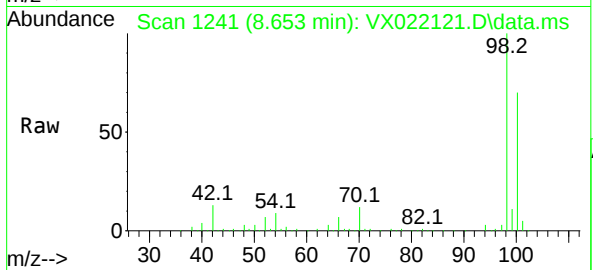




#50
Toluene-d8
Concen: 48.96 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022121.D
Acq: 21 May 2021 17:26

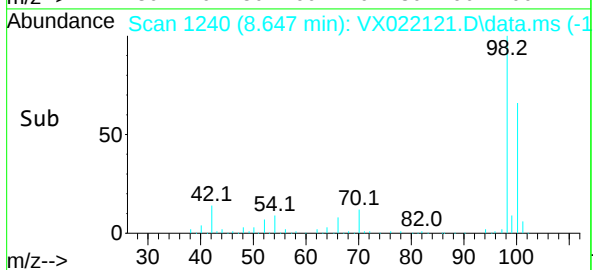
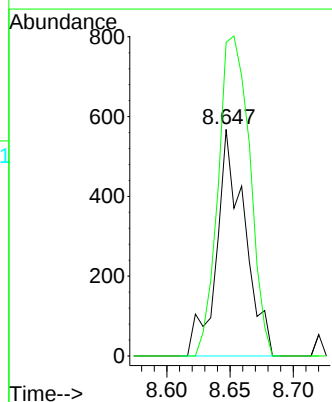
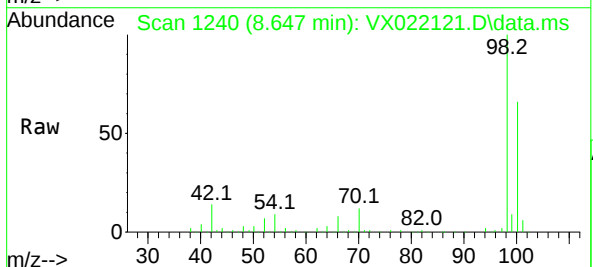
Instrument :
MSVOA_X
ClientSampleId :
DI-WATER

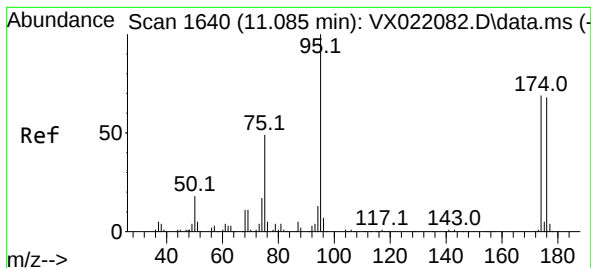
Tgt Ion: 98 Resp: 164784
Ion Ratio Lower Upper
98 100
100 66.7 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.57 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX022121.D
Acq: 21 May 2021 17:26

Tgt Ion: 43 Resp: 875
Ion Ratio Lower Upper
43 100
58 158.9 35.4 53.0#

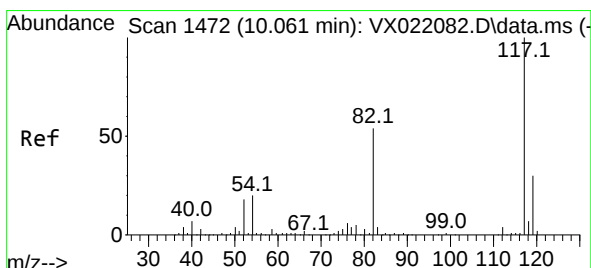
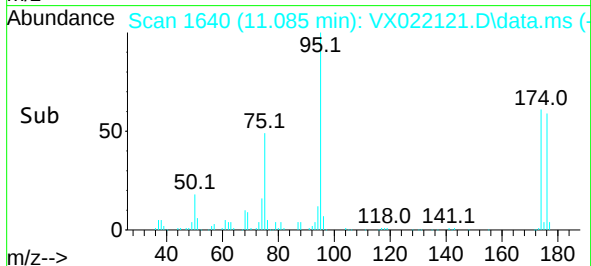
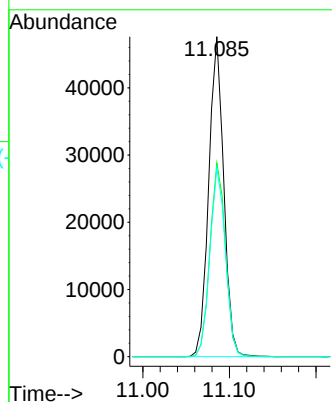
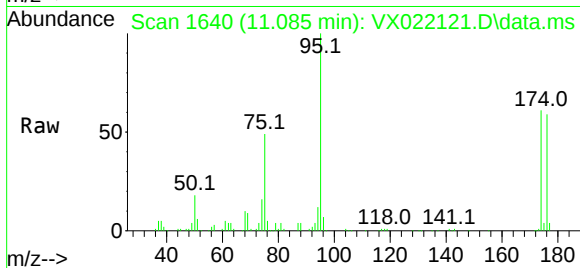




#62
4-Bromofluorobenzene
Concen: 45.92 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022121.D
Acq: 21 May 2021 17:26

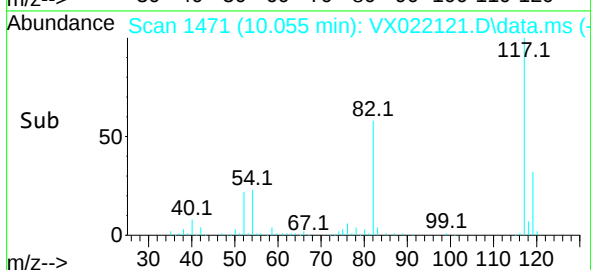
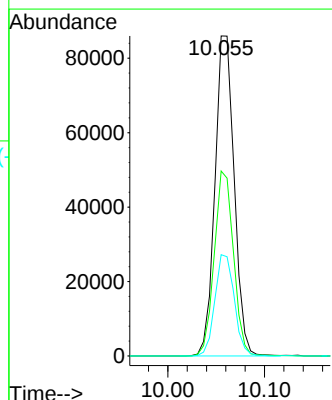
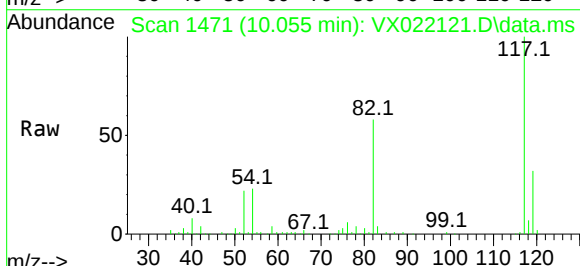
Instrument :
MSVOA_X
ClientSampleId :
DI-WATER

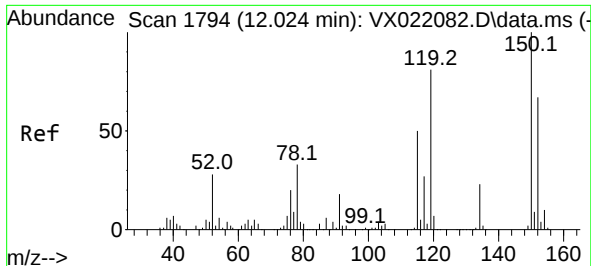
Tgt Ion: 95 Resp: 57136
Ion Ratio Lower Upper
95 100
174 62.8 0.0 154.6
176 61.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022121.D
Acq: 21 May 2021 17:26

Tgt Ion: 117 Resp: 119151
Ion Ratio Lower Upper
117 100
82 57.8 47.4 71.2
119 31.7 26.6 39.8

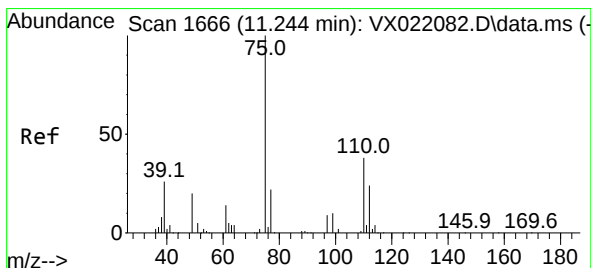
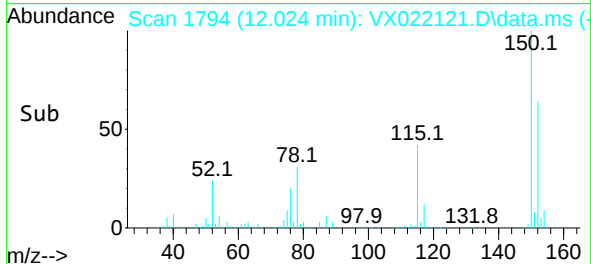
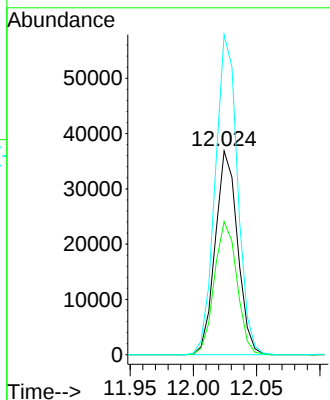
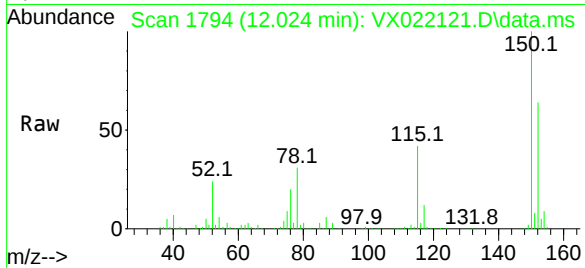




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022121.D
 Acq: 21 May 2021 17:26

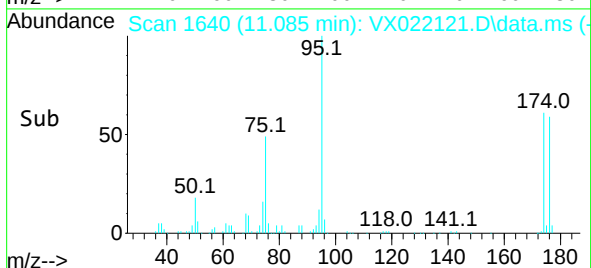
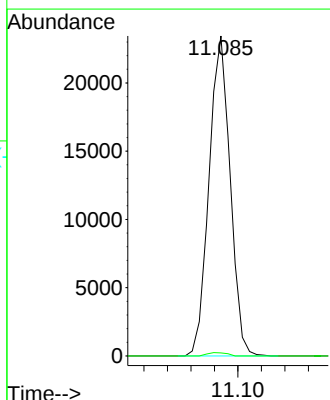
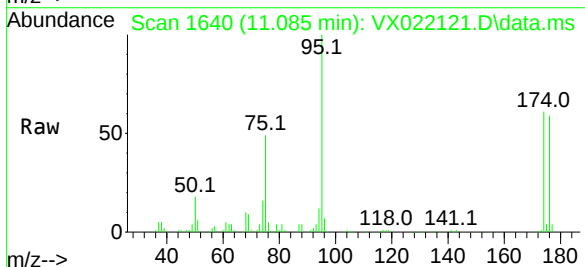
Instrument :
 MSVOA_X
 ClientSampled :
 DI-WATER

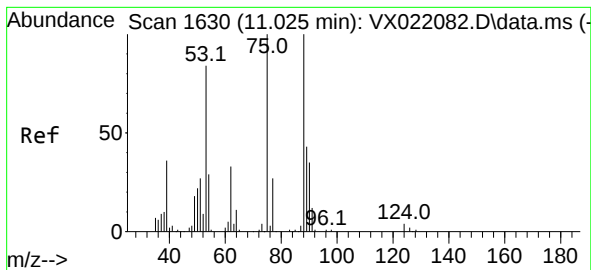
Tgt Ion:152 Resp: 45114
 Ion Ratio Lower Upper
 152 100
 115 66.0 41.1 123.3
 150 157.3 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.31 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022121.D
 Acq: 21 May 2021 17:26

Tgt Ion: 75 Resp: 29283
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.34 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022121.D
 Acq: 21 May 2021 17:26

Instrument :
 MSVOA_X
 ClientSampleId :
 DI-WATER

Tgt Ion: 75 Resp: 29283
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

