

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052121\
 Data File : VX022123.D
 Acq On : 21 May 2021 18:13
 Operator : JC/MD
 Sample : M2406-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: May 22 04:57:32 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)

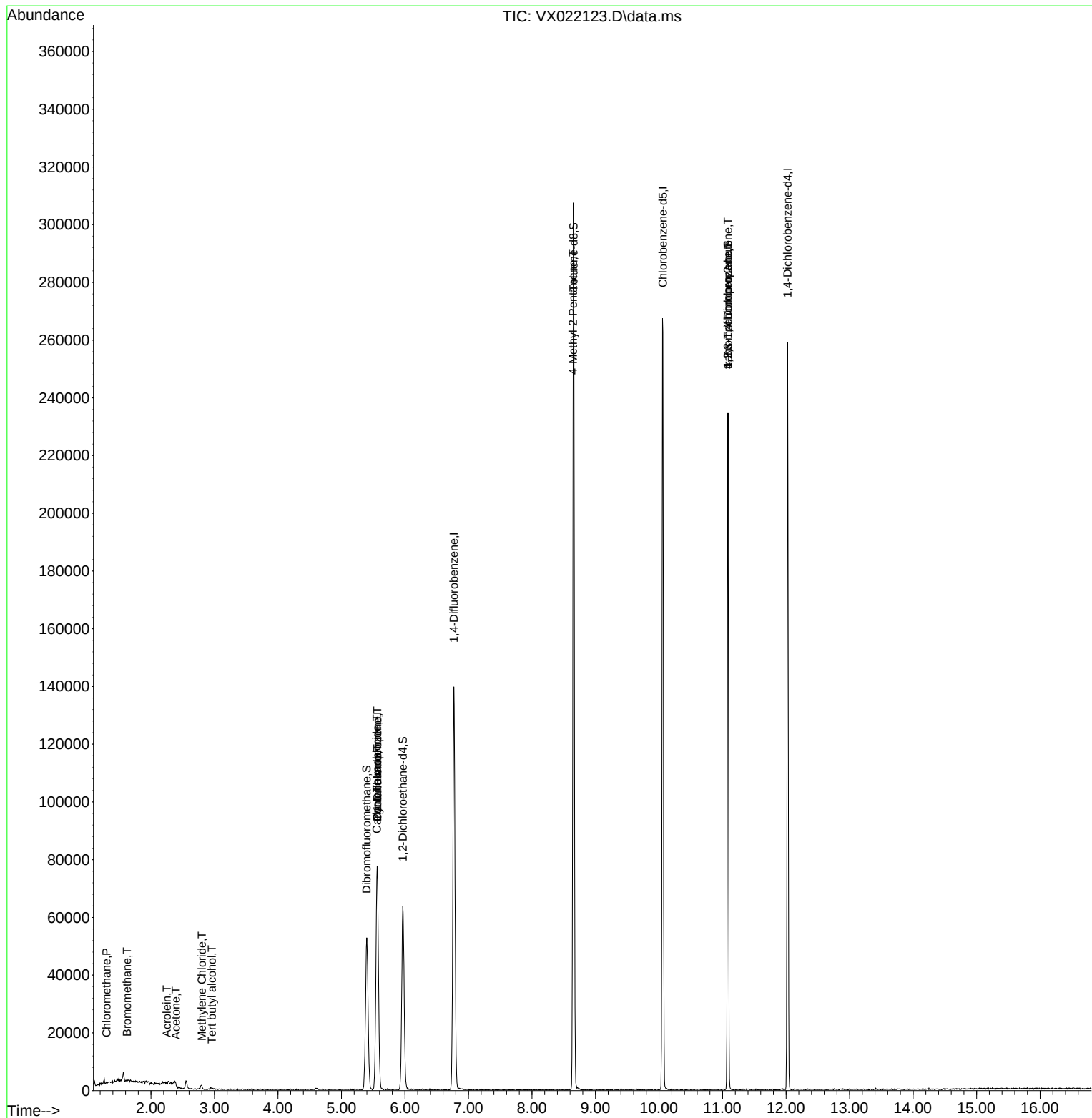
Internal Standards						
1) Pentafluorobenzene	5.562	168	67157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	139097	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	121186	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47947	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	57393	55.40	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.80%	
35) Dibromofluoromethane	5.397	113	44688	50.66	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.32%	
50) Toluene-d8	8.653	98	175840	51.75	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.50%	
62) 4-Bromofluorobenzene	11.085	95	61959	49.33	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.66%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	200	0.23	ug/l #	42
5) Bromomethane	1.623	94	160	0.29	ug/l #	47
11) Tert butyl alcohol	2.959	59	153	0.65	ug/l #	73
13) Acrolein	2.251	56	150	0.95	ug/l #	14
16) Acetone	2.392	43	1590	3.52	ug/l #	81
20) Methylene Chloride	2.800	84	642	0.64	ug/l #	93
31) Cyclohexane	5.562	56	1676	1.29	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	6138	4.77	ug/l #	47
38) Carbon Tetrachloride	5.556	117	7675	6.10	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	922	0.60	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	31360	26.51	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	31360	62.82	ug/l #	12

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

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STORAGE-BLANK-WATER-REF-5

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
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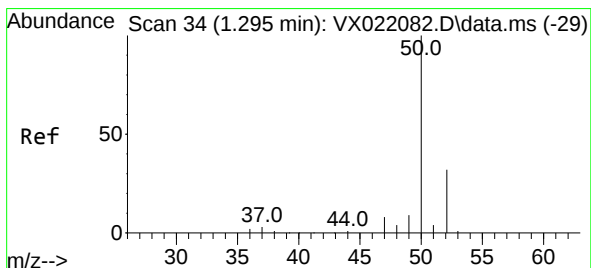
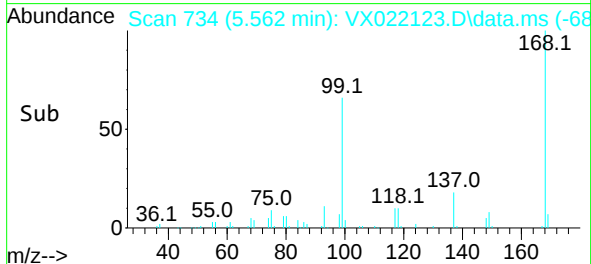
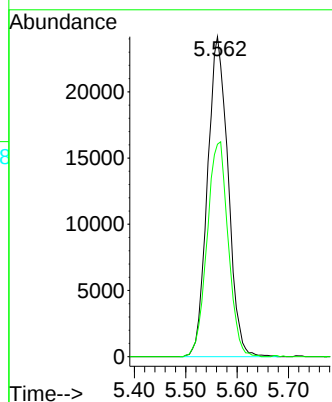
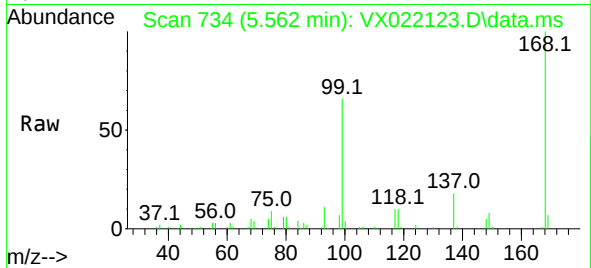




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022123.D
Acq: 21 May 2021 18:13

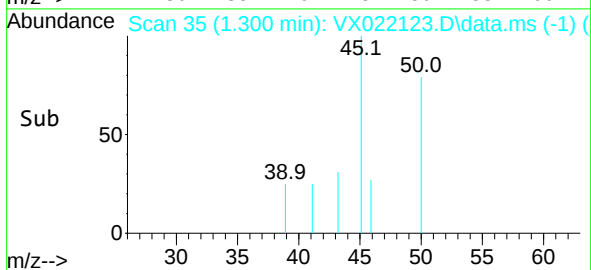
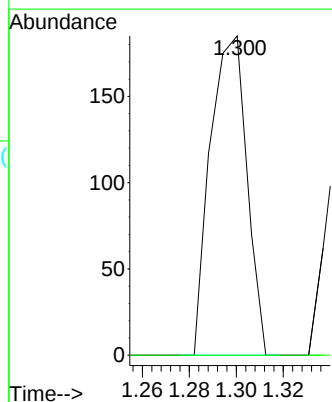
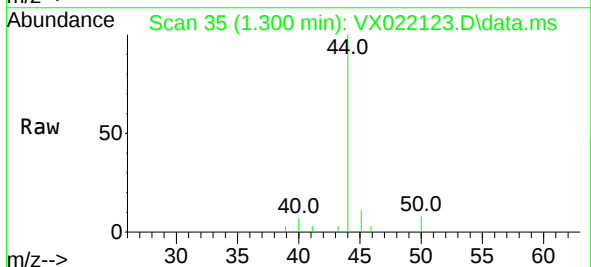
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

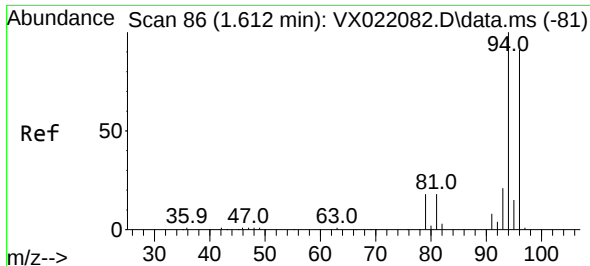
Tgt Ion:168 Resp: 67157
Ion Ratio Lower Upper
168 100
99 66.4 45.8 68.6



#3
Chloromethane
Concen: 0.23 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.005 min
Lab File: VX022123.D
Acq: 21 May 2021 18:13

Tgt Ion: 50 Resp: 200
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

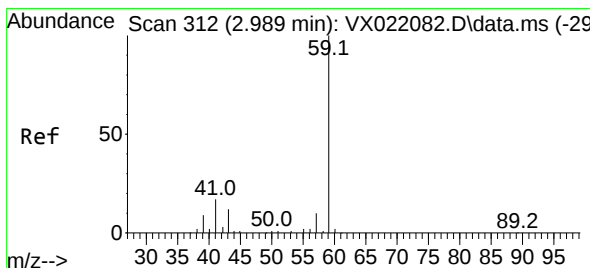
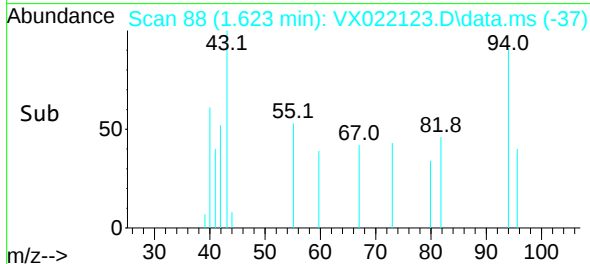
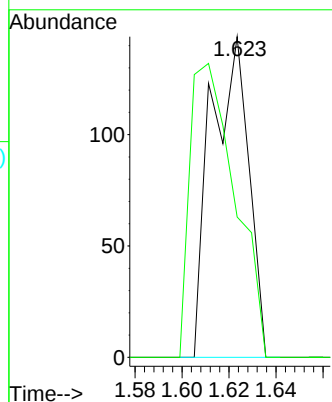
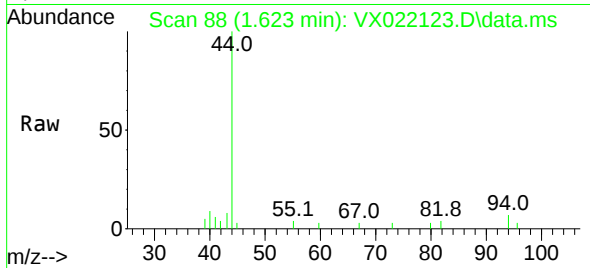




#5
Bromomethane
Concen: 0.29 ug/l
RT: 1.623 min Scan# 88
Delta R.T. 0.011 min
Lab File: VX022123.D
Acq: 21 May 2021 18:13

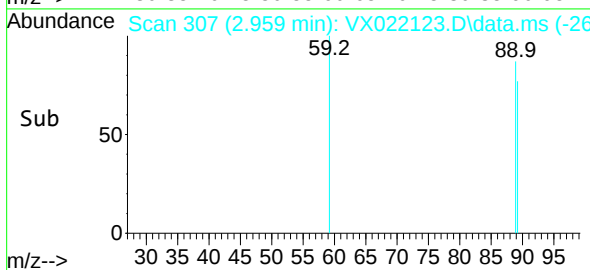
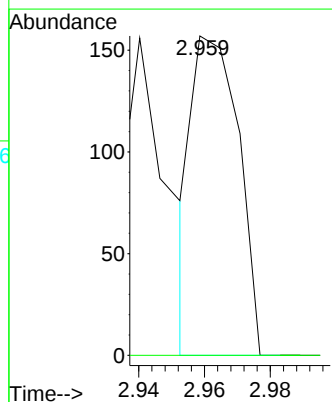
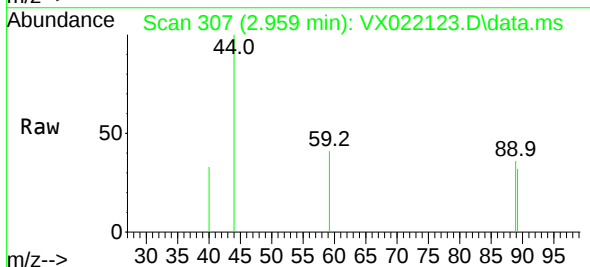
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

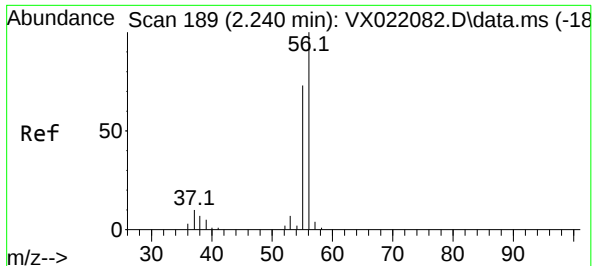
Tgt Ion: 94 Resp: 160
Ion Ratio Lower Upper
94 100
96 43.8 76.4 114.6#



#11
Tert butyl alcohol
Concen: 0.65 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.030 min
Lab File: VX022123.D
Acq: 21 May 2021 18:13

Tgt Ion: 59 Resp: 153
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

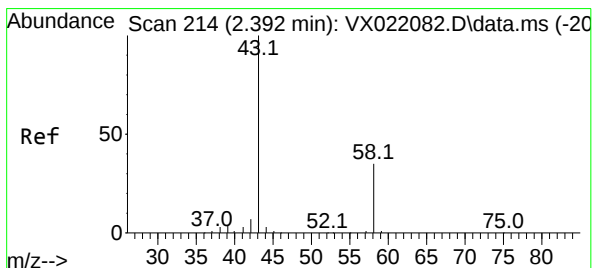
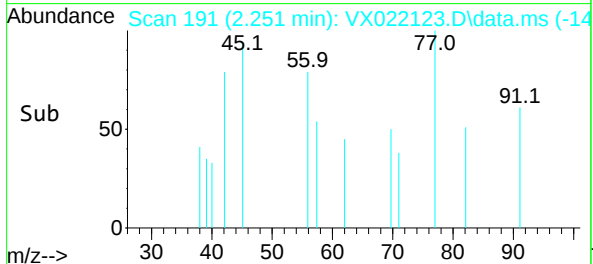
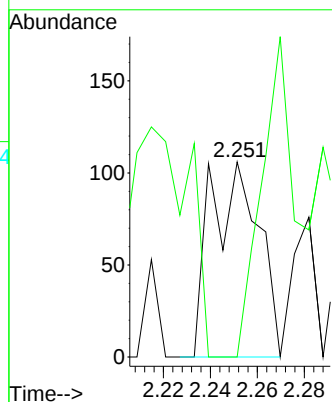
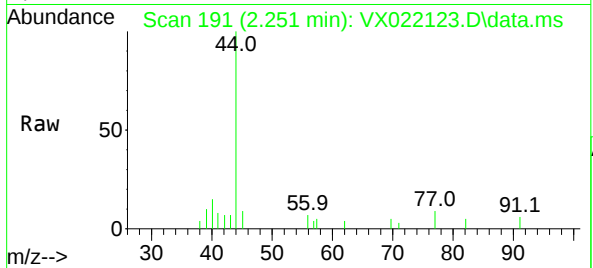




#13
Acrolein
Concen: 0.95 ug/l
RT: 2.251 min Scan# 191
Delta R.T. 0.011 min
Lab File: VX022123.D
Acq: 21 May 2021 18:13

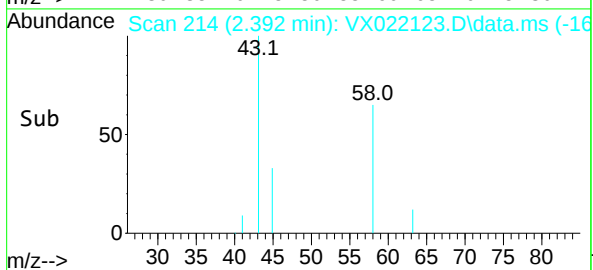
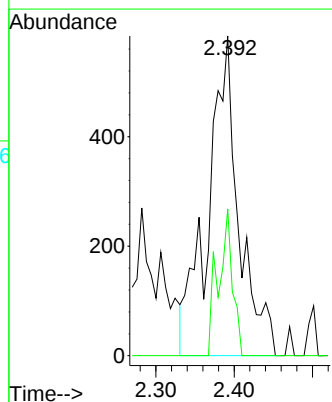
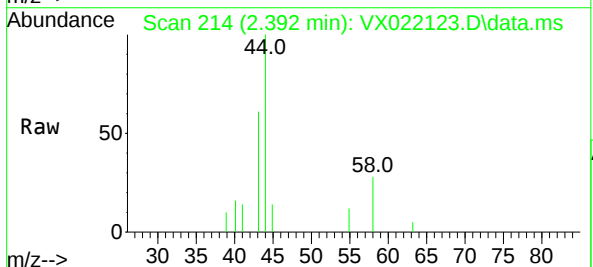
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

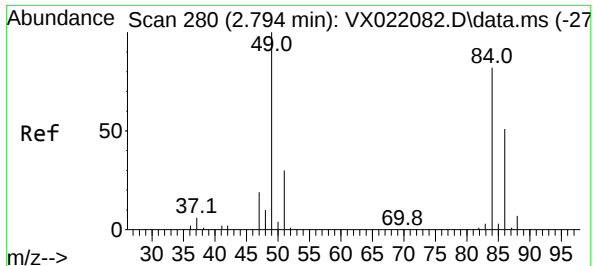
Tgt Ion: 56 Resp: 150
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 3.52 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022123.D
Acq: 21 May 2021 18:13

Tgt Ion: 43 Resp: 1590
Ion Ratio Lower Upper
43 100
58 45.9 27.8 41.8#





#20

Methylene Chloride

Concen: 0.64 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.006 min

Lab File: VX022123.D

Acq: 21 May 2021 18:13

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

Tgt Ion: 84 Resp: 642

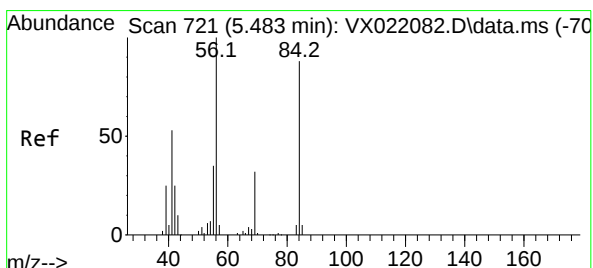
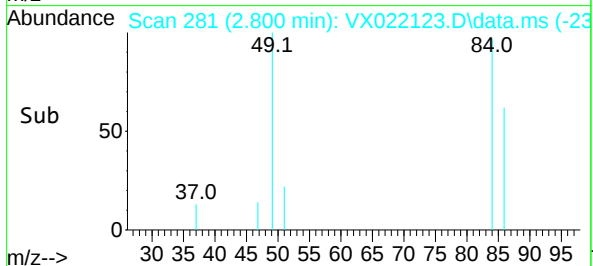
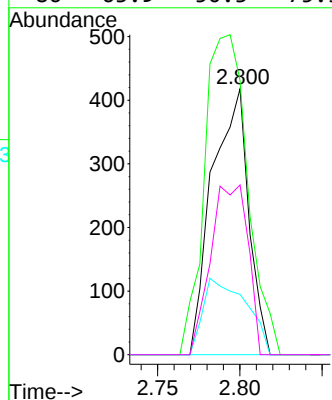
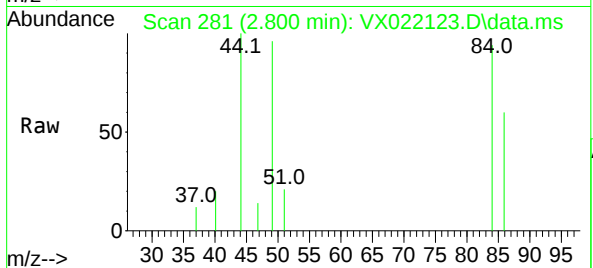
Ion Ratio Lower Upper

84 100

49 103.1 88.6 132.8

51 22.7 27.0 40.6#

86 63.9 50.3 75.5



#31

Cyclohexane

Concen: 1.29 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.079 min

Lab File: VX022123.D

Acq: 21 May 2021 18:13

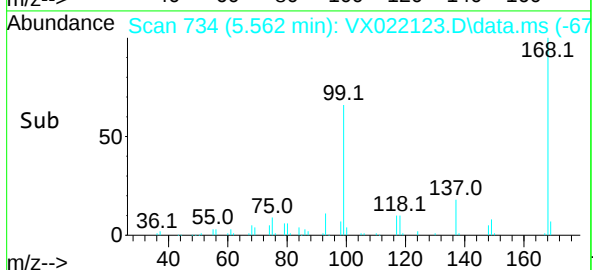
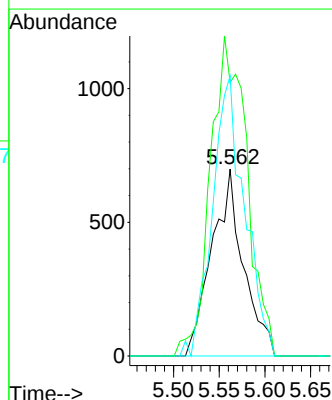
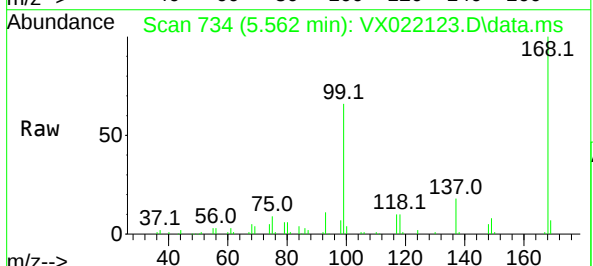
Tgt Ion: 56 Resp: 1676

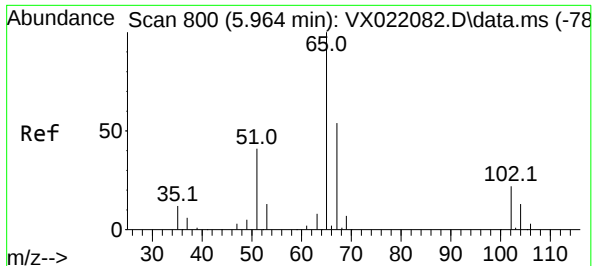
Ion Ratio Lower Upper

56 100

69 146.4 25.3 37.9#

84 149.9 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 55.40 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022123.D

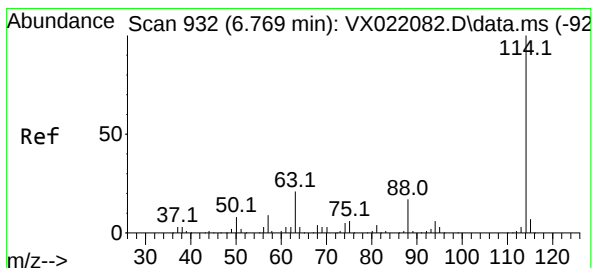
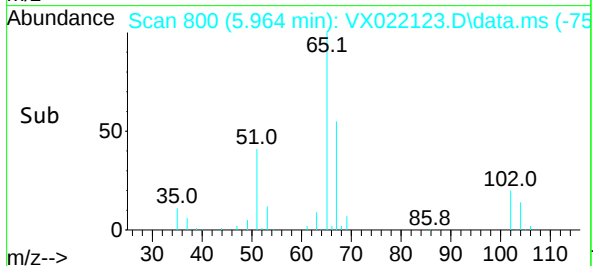
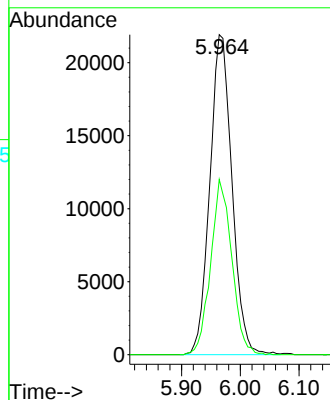
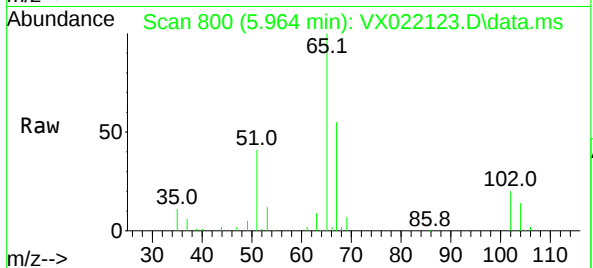
Acq: 21 May 2021 18:13

Tgt Ion: 65 Resp: 57393

Ion Ratio Lower Upper

65 100

67 52.3 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: VX022123.D

Acq: 21 May 2021 18:13

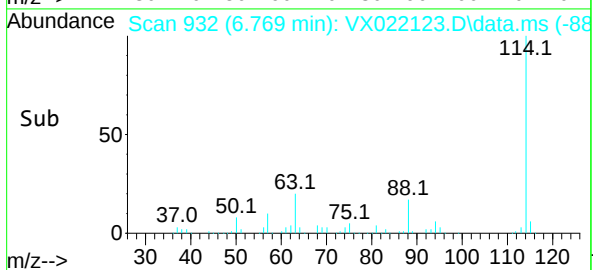
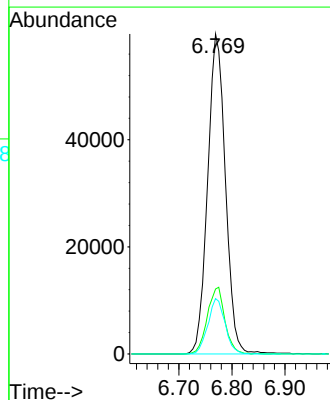
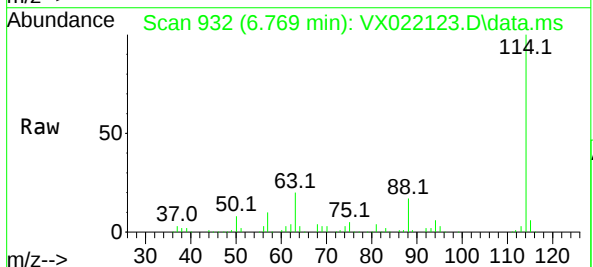
Tgt Ion: 114 Resp: 139097

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

88 17.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.66 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022123.D

Acq: 21 May 2021 18:13

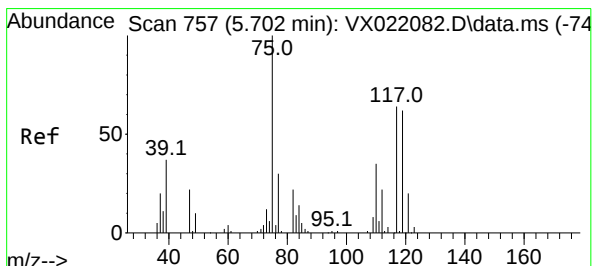
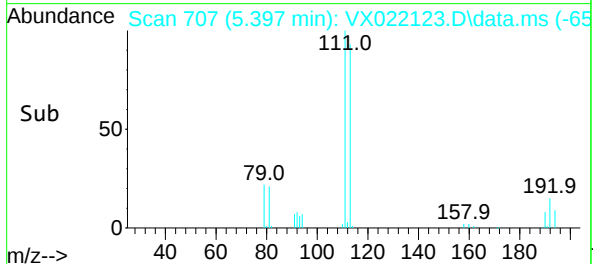
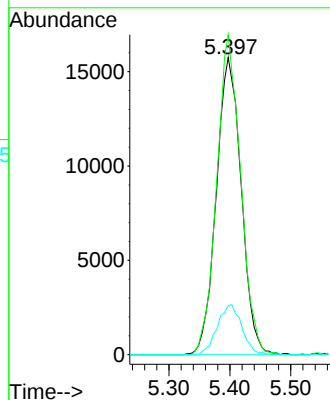
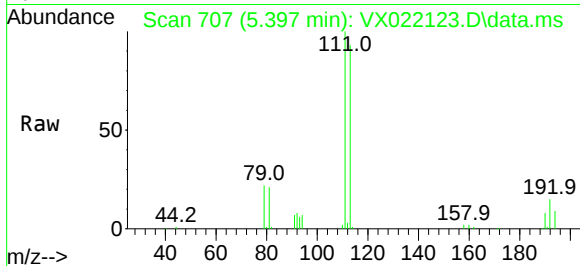
Tgt Ion:113 Resp: 44688

Ion Ratio Lower Upper

113 100

111 103.6 81.9 122.9

192 16.5 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 4.77 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022123.D

Acq: 21 May 2021 18:13

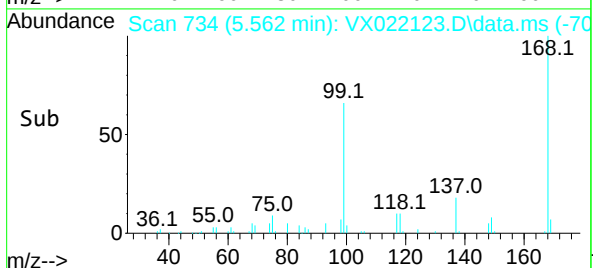
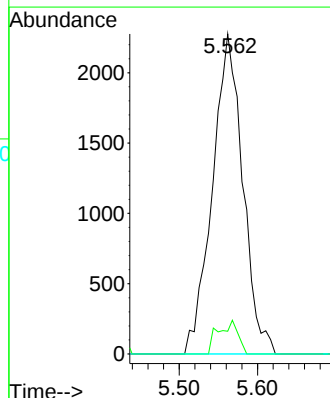
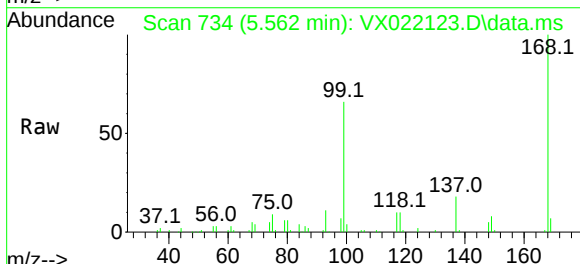
Tgt Ion: 75 Resp: 6138

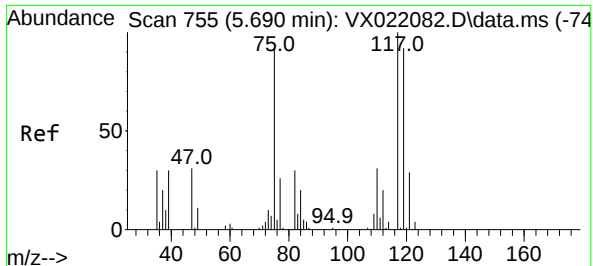
Ion Ratio Lower Upper

75 100

110 6.8 18.1 54.4#

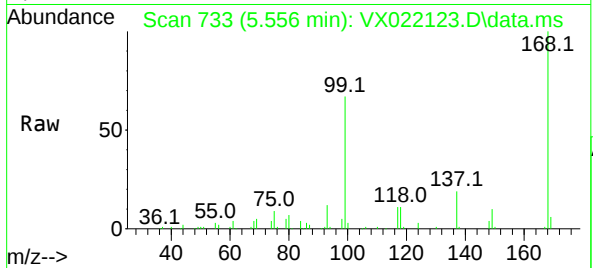
77 0.0 25.3 37.9#



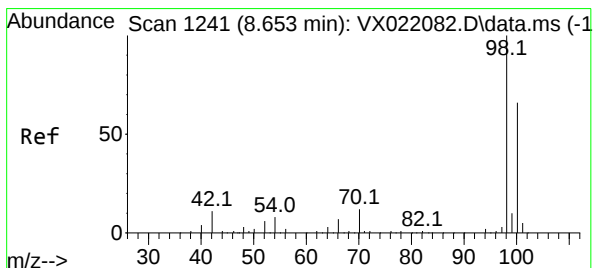
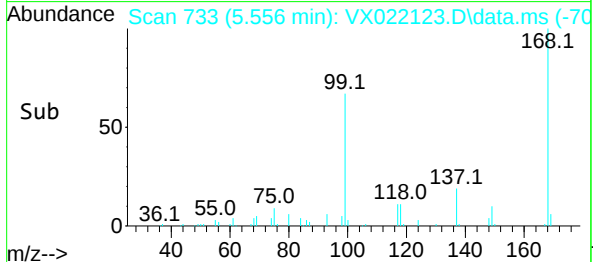
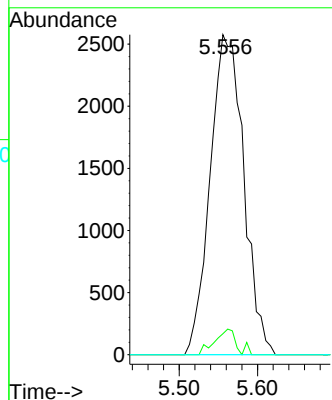


#38
Carbon Tetrachloride
Concen: 6.10 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022123.D
Acq: 21 May 2021 18:13

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

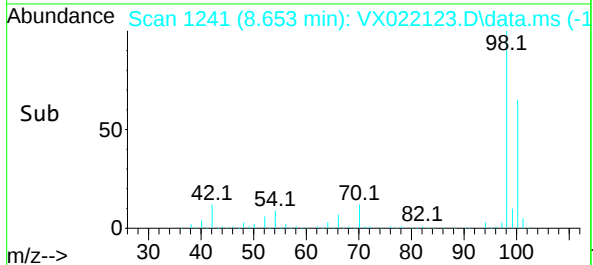
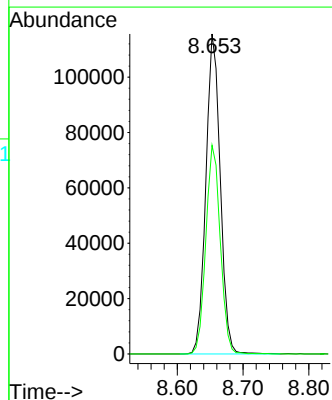
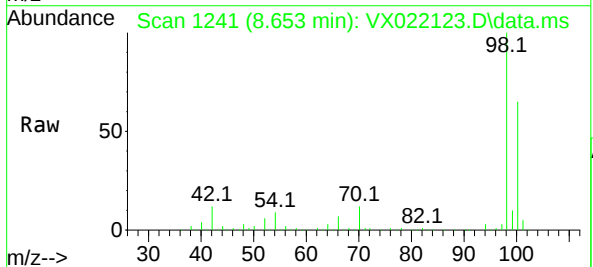


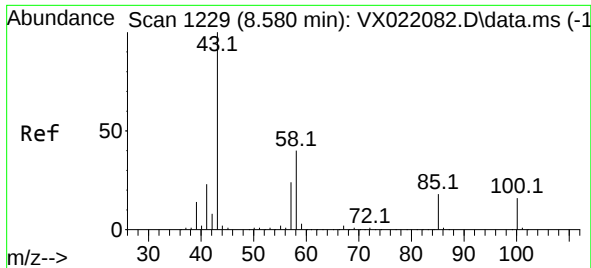
Tgt Ion:117 Resp: 7675
Ion Ratio Lower Upper
117 100
119 6.6 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.75 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022123.D
Acq: 21 May 2021 18:13

Tgt Ion: 98 Resp: 175840
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9

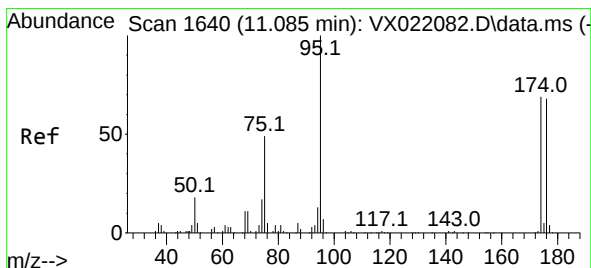
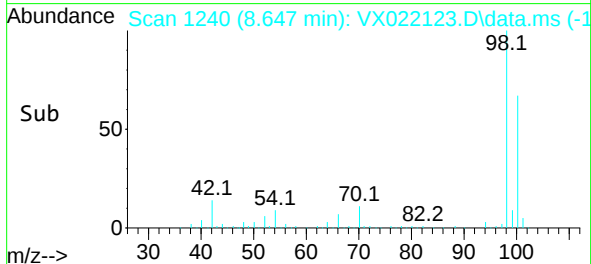
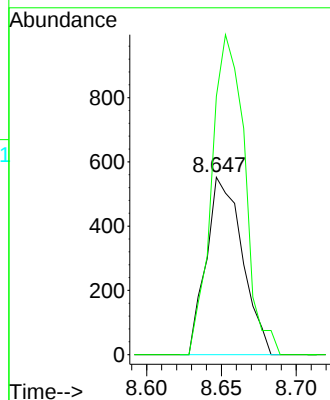
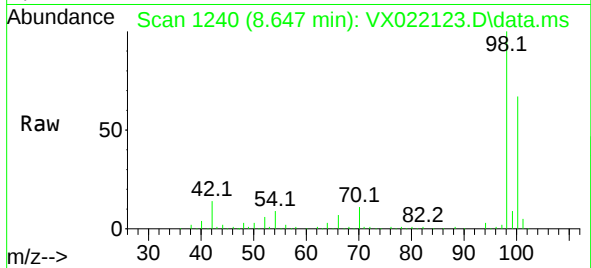




#51
4-Methyl-2-Pentanone
Concen: 0.60 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX022123.D
Acq: 21 May 2021 18:13

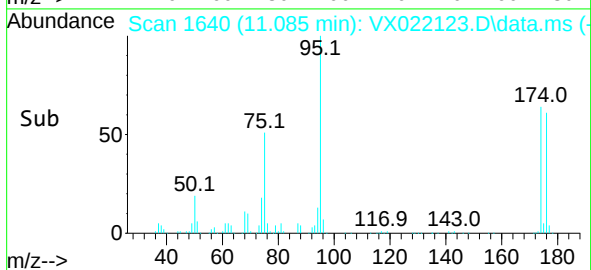
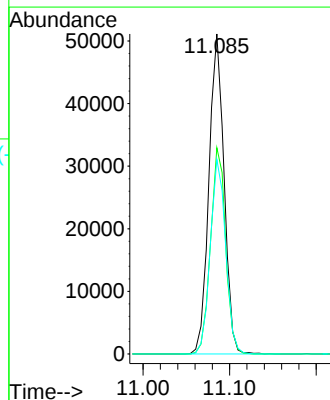
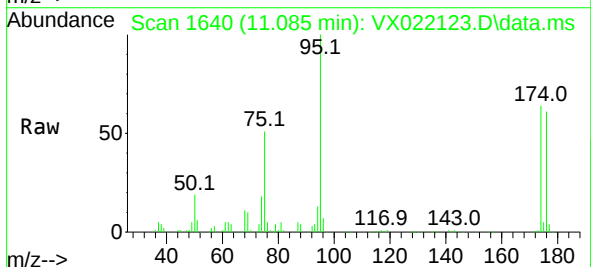
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

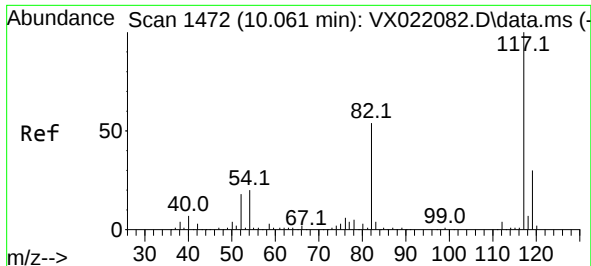
Tgt Ion: 43 Resp: 922
Ion Ratio Lower Upper
43 100
58 166.3 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 49.33 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022123.D
Acq: 21 May 2021 18:13

Tgt Ion: 95 Resp: 61959
Ion Ratio Lower Upper
95 100
174 64.1 0.0 154.6
176 61.7 0.0 155.8

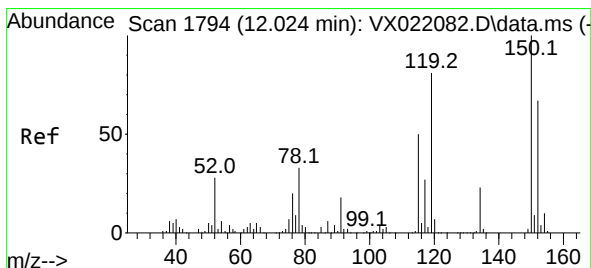
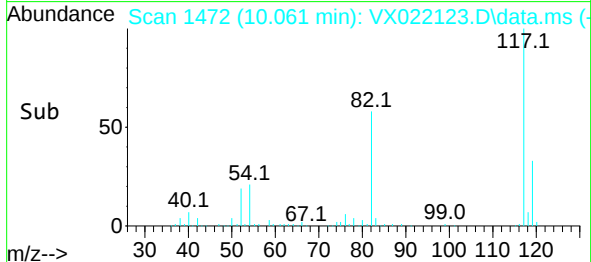
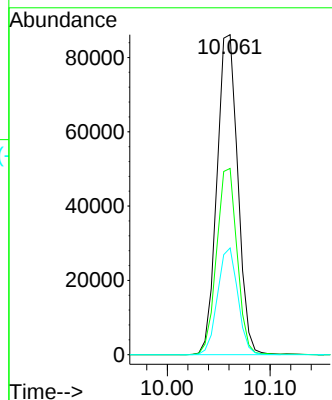
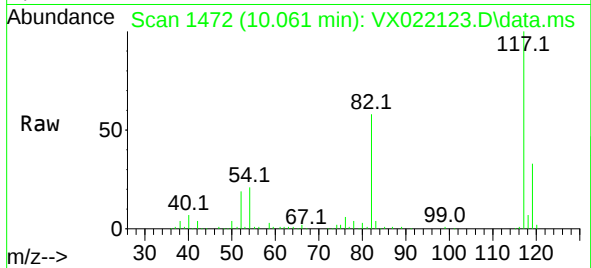




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX022123.D
Acq: 21 May 2021 18:13

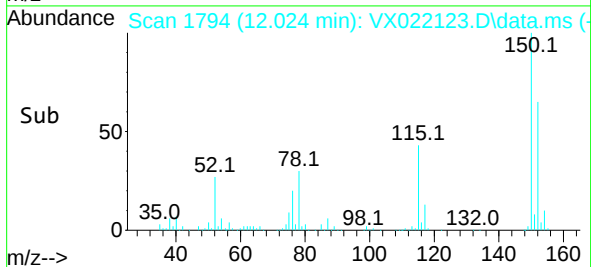
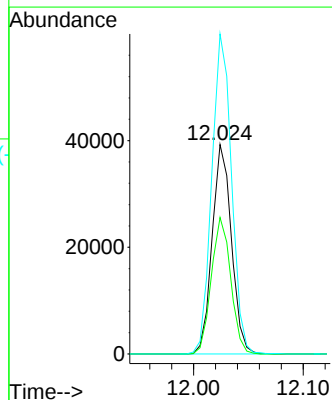
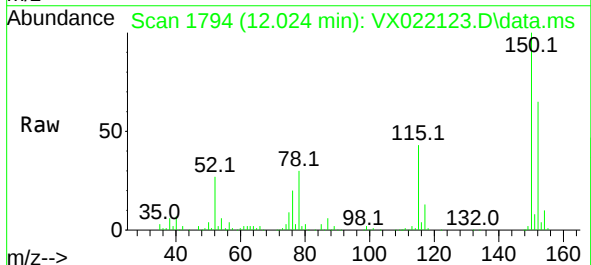
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

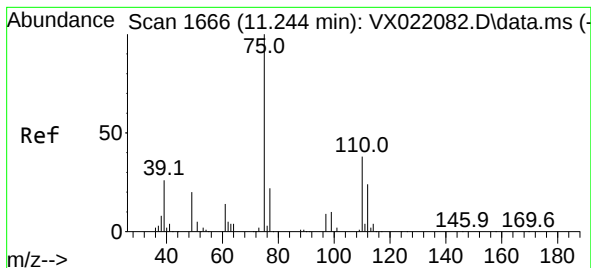
Tgt Ion:117 Resp: 121186
Ion Ratio Lower Upper
117 100
82 58.2 47.4 71.2
119 33.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022123.D
Acq: 21 May 2021 18:13

Tgt Ion:152 Resp: 47947
Ion Ratio Lower Upper
152 100
115 65.5 41.1 123.3
150 156.3 0.0 349.0





#76

1,2,3-Trichloropropane

Concen: 26.51 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.159 min

Lab File: VX022123.D

Acq: 21 May 2021 18:13

Tgt Ion: 75 Resp: 31360

Ion Ratio Lower Upper

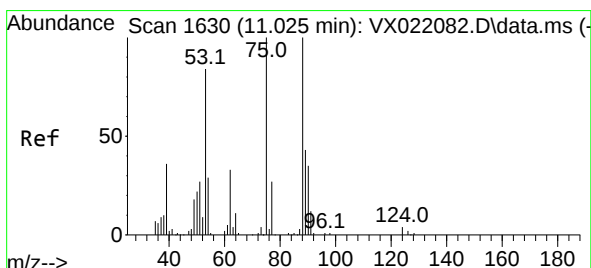
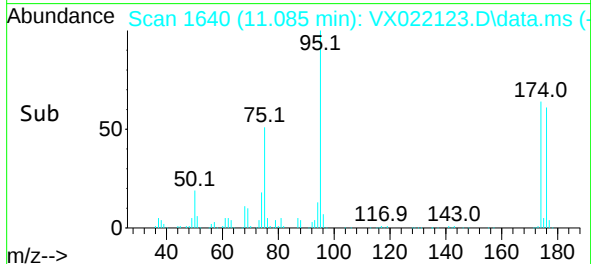
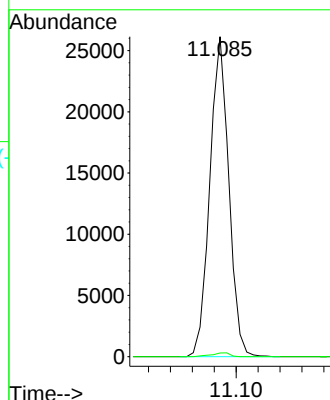
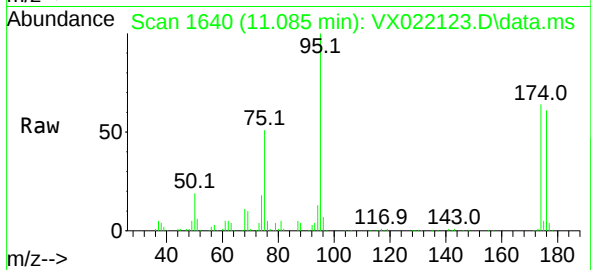
75 100
77 1.2 19.1 57.5#

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5



#81

trans-1,4-Dichloro-2-butene

Concen: 62.82 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.060 min

Lab File: VX022123.D

Acq: 21 May 2021 18:13

Tgt Ion: 75 Resp: 31360

Ion Ratio Lower Upper

75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

