

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051322\
 Data File : VX028688.D
 Acq On : 13 May 2022 19:13
 Operator : JC/MD
 Sample : N2861-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: May 16 02:24:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

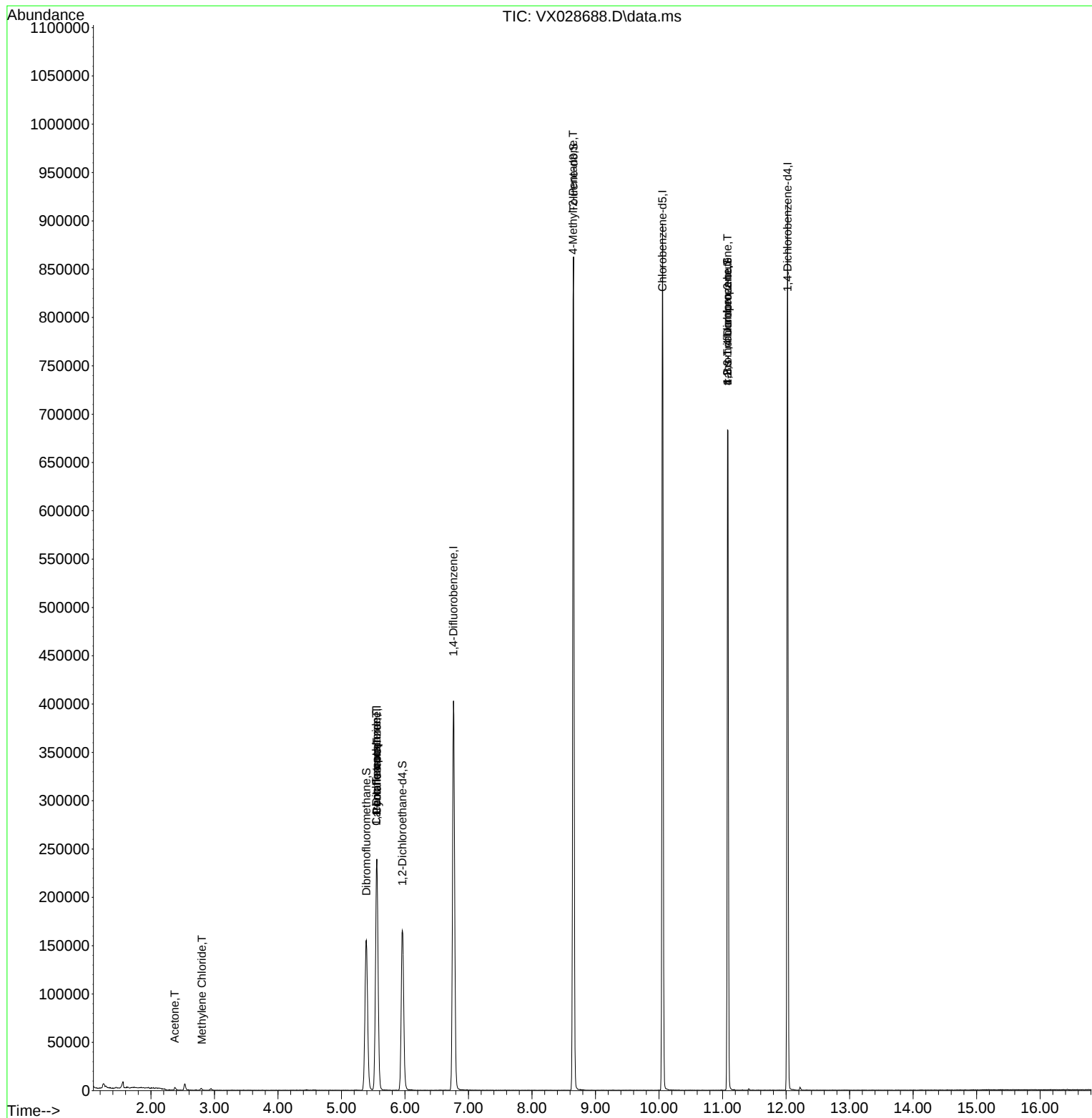
Internal Standards						
1) Pentafluorobenzene	5.556	168	214355	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	405009	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	394061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	176882	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	161168	54.851	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 109.700%	
35) Dibromofluoromethane	5.391	113	135072	50.902	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.800%	
50) Toluene-d8	8.653	98	497626	49.741	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 99.480%	
62) 4-Bromofluorobenzene	11.079	95	180206	48.226	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 96.460%	
Target Compounds						
						Qvalue
5) Bromomethane	1.612	94	412	Below Cal		88
6) Chloroethane	1.703	64	519	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	914	Below Cal	#	72
16) Acetone	2.374	43	3141	2.491	ug/l #	74
20) Methylene Chloride	2.800	84	779	0.294	ug/l #	76
31) Cyclohexane	5.556	56	5328	1.306	ug/l #	16
36) 1,1-Dichloropropene	5.550	75	18513	4.645	ug/l #	50
38) Carbon Tetrachloride	5.550	117	23275	5.803	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	2287	0.533	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	98456	23.768	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	98456	69.287	ug/l #	15

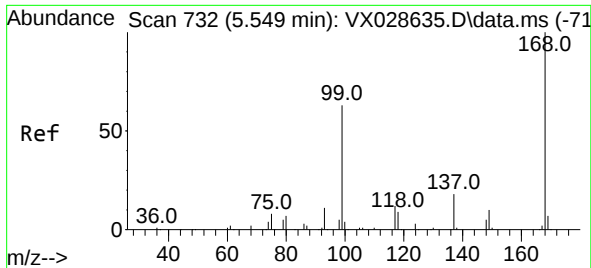
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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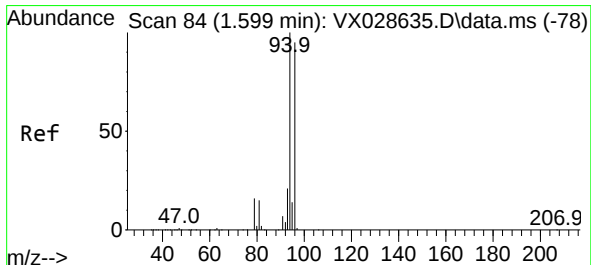
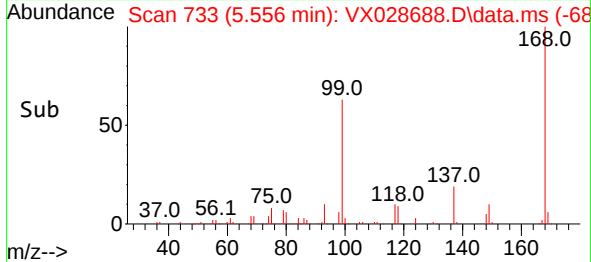
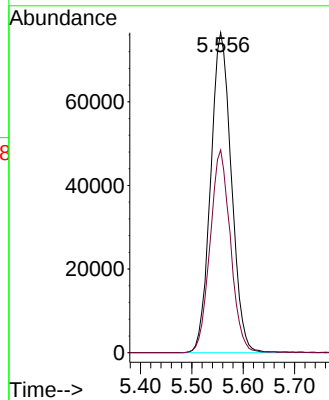
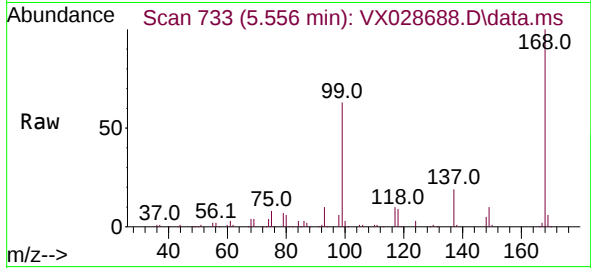




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028688.D
Acq: 13 May 2022 19:13

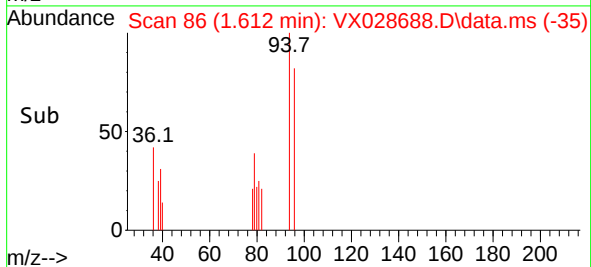
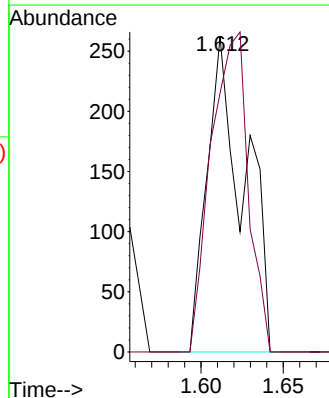
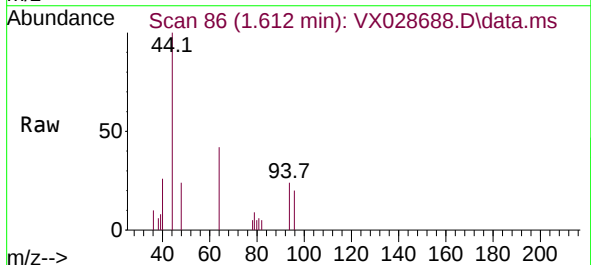
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

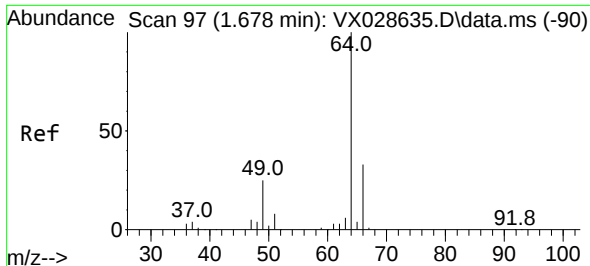
Tgt Ion:168 Resp: 214355
Ion Ratio Lower Upper
168 100
99 63.3 41.7 62.5#



#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX028688.D
Acq: 13 May 2022 19:13

Tgt Ion: 94 Resp: 412
Ion Ratio Lower Upper
94 100
96 82.1 75.3 112.9

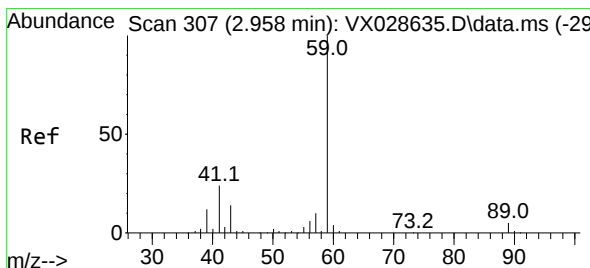
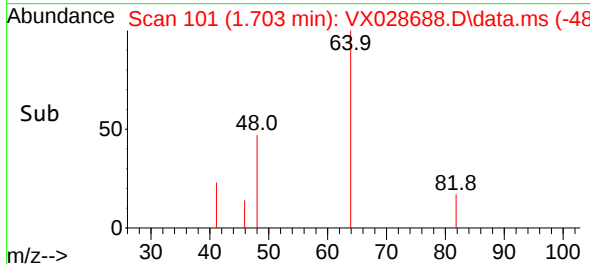
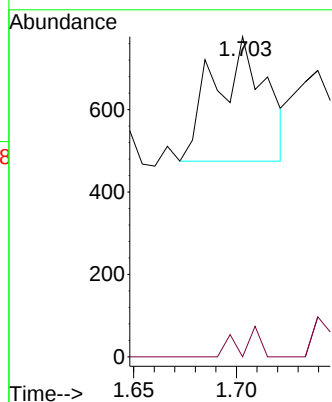
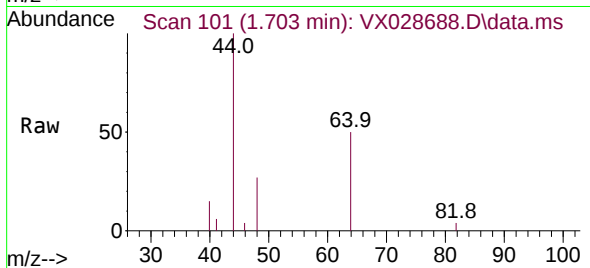




#6
Chloroethane
Concen: Below Cal
RT: 1.703 min Scan# 101
Delta R.T. 0.025 min
Lab File: VX028688.D
Acq: 13 May 2022 19:13

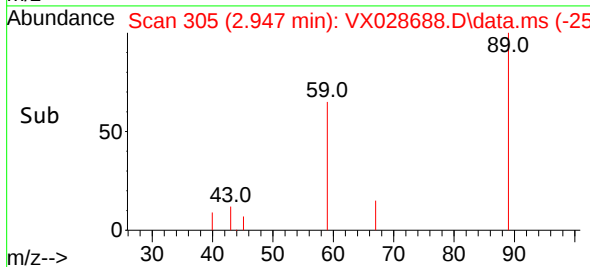
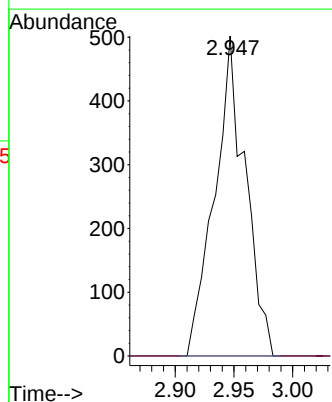
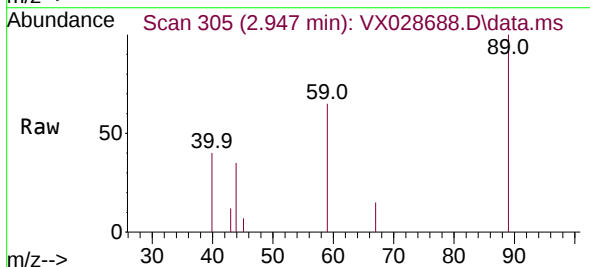
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

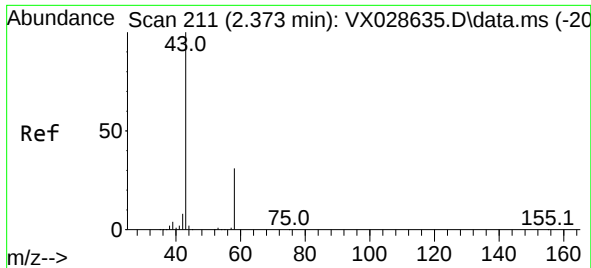
Tgt Ion: 64 Resp: 519
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.011 min
Lab File: VX028688.D
Acq: 13 May 2022 19:13

Tgt Ion: 59 Resp: 914
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

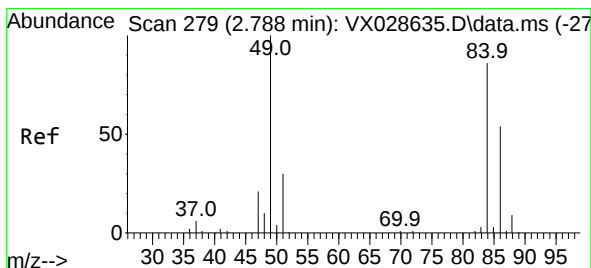
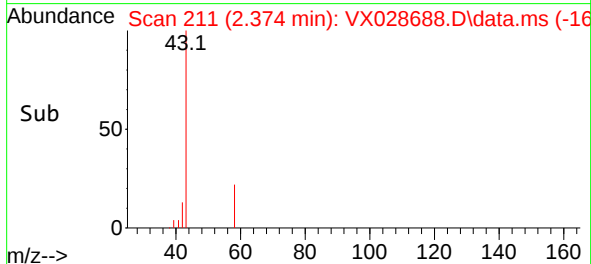
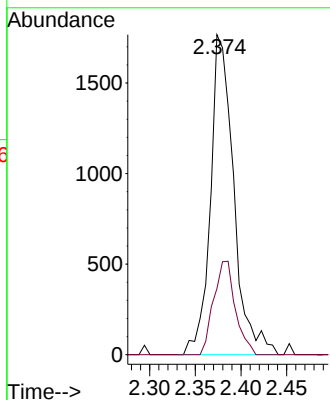
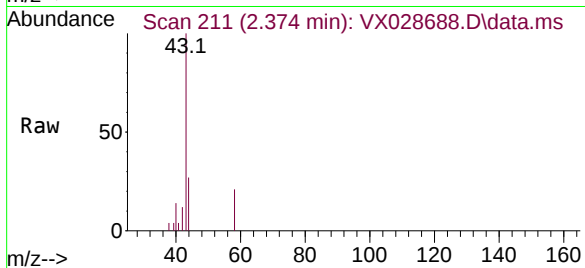




#16
Acetone
Concen: 2.491 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.001 min
Lab File: VX028688.D
Acq: 13 May 2022 19:13

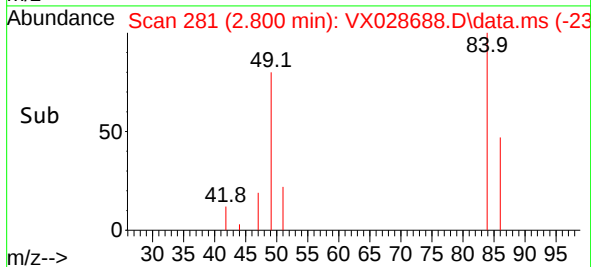
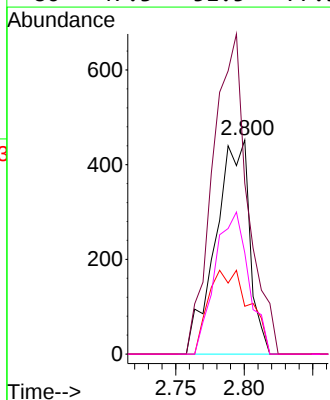
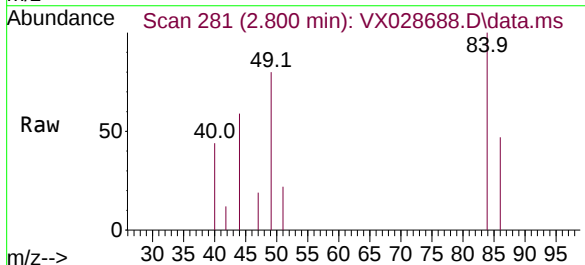
Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-WATER-REF-4

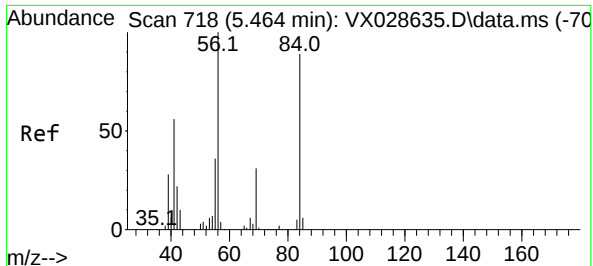
Tgt Ion: 43 Resp: 3141
Ion Ratio Lower Upper
43 100
58 20.7 28.8 43.2#



#20
Methylene Chloride
Concen: 0.294 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX028688.D
Acq: 13 May 2022 19:13

Tgt Ion: 84 Resp: 779
Ion Ratio Lower Upper
84 100
49 79.9 85.5 128.3#
51 22.3 26.6 39.8#
86 47.3 51.5 77.3#

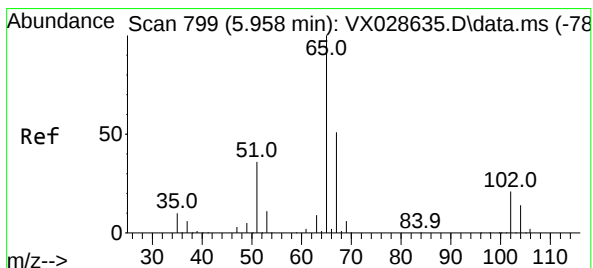
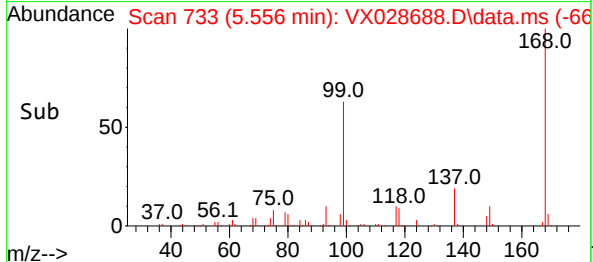
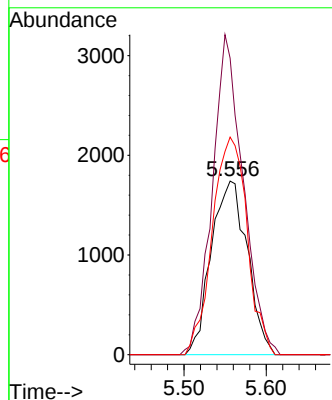
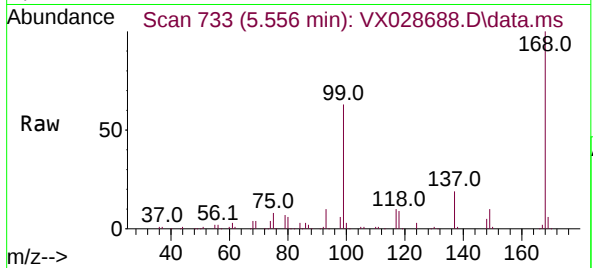




#31
Cyclohexane
Concen: 1.306 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX028688.D
Acq: 13 May 2022 19:13

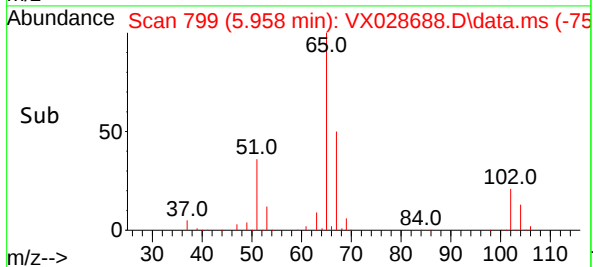
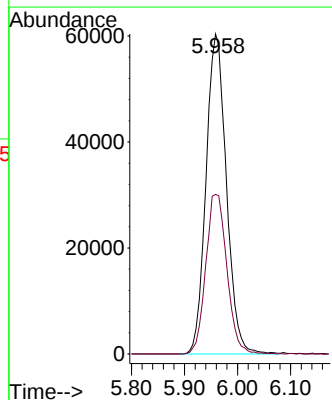
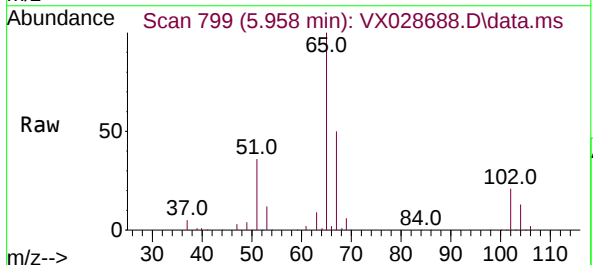
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

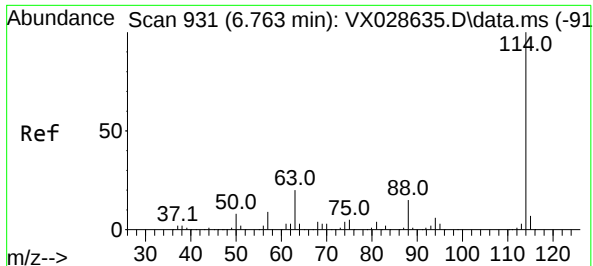
Tgt Ion: 56 Resp: 5328
Ion Ratio Lower Upper
56 100
69 170.7 26.7 40.1#
84 125.3 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 54.851 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028688.D
Acq: 13 May 2022 19:13

Tgt Ion: 65 Resp: 161168
Ion Ratio Lower Upper
65 100
67 51.7 0.0 107.4

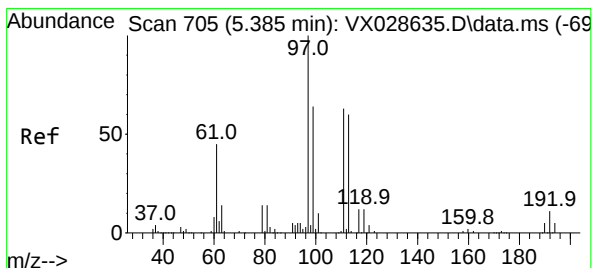
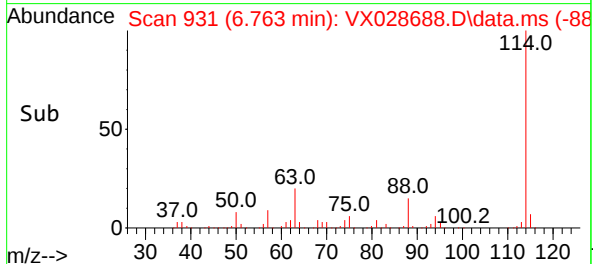
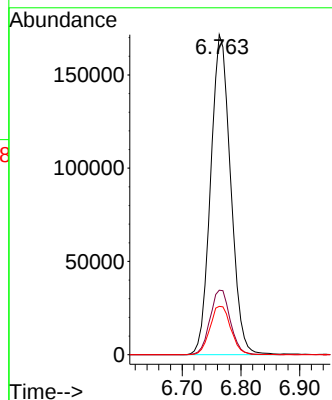
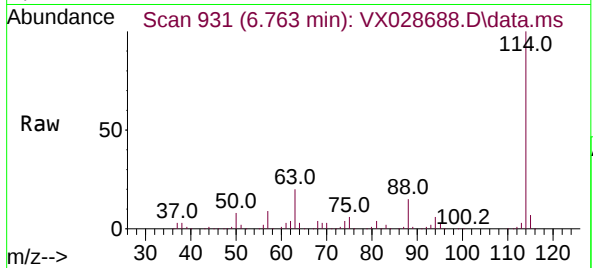




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028688.D
Acq: 13 May 2022 19:13

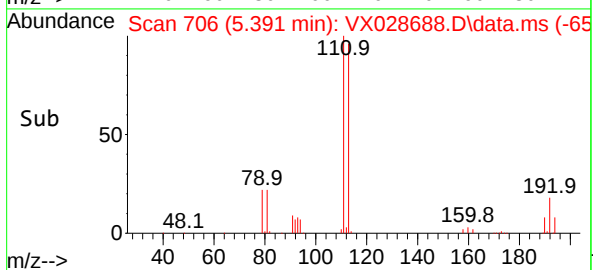
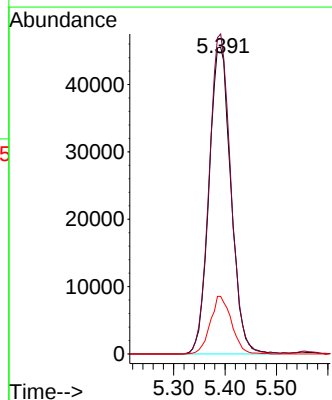
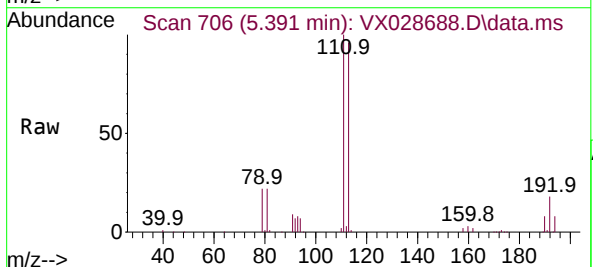
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

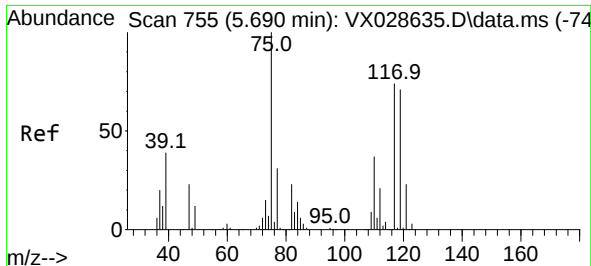
Tgt Ion:114 Resp: 405009
Ion Ratio Lower Upper
114 100
63 20.1 0.0 36.8
88 15.1 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.902 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028688.D
Acq: 13 May 2022 19:13

Tgt Ion:113 Resp: 135072
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 18.1 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.645 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX028688.D

Acq: 13 May 2022 19:13

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

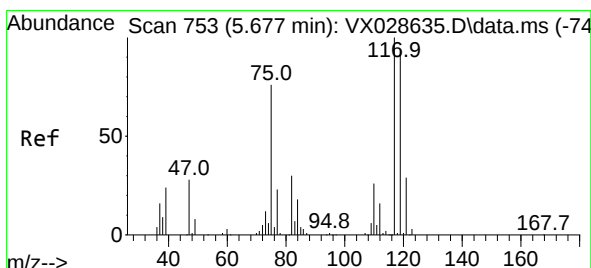
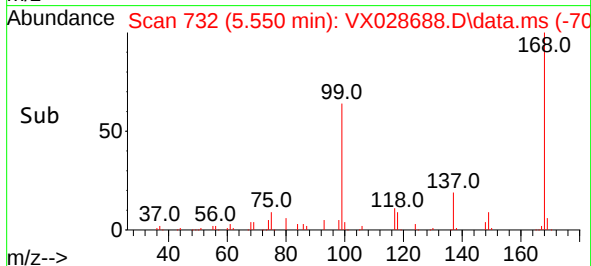
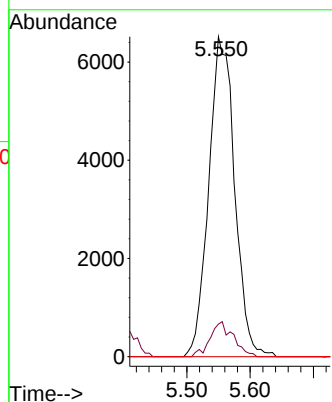
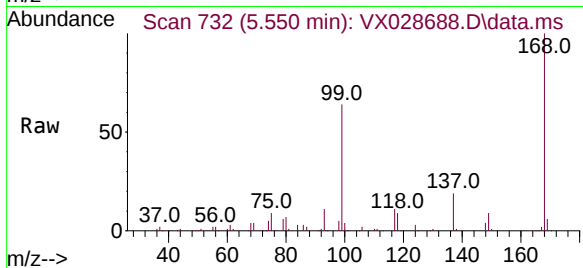
Tgt Ion: 75 Resp: 18513

Ion Ratio Lower Upper

75 100

110 9.8 18.3 54.8#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.803 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.127 min

Lab File: VX028688.D

Acq: 13 May 2022 19:13

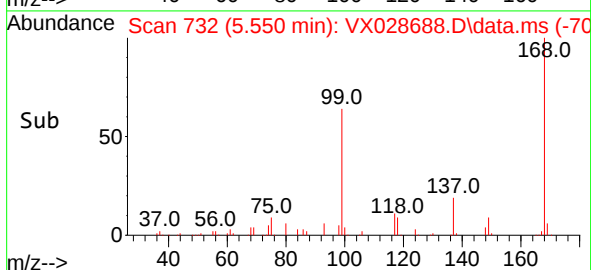
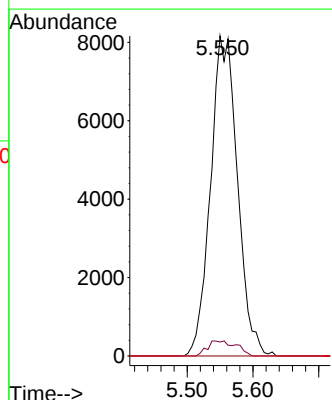
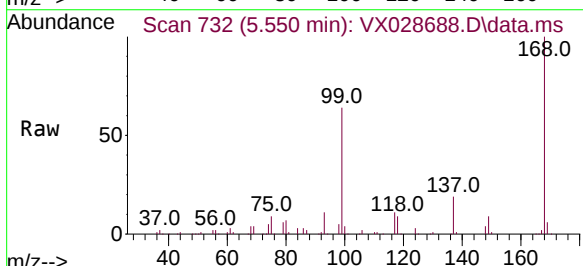
Tgt Ion: 117 Resp: 23275

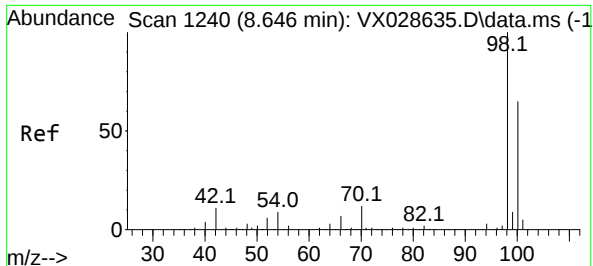
Ion Ratio Lower Upper

117 100

119 4.4 77.3 115.9#

121 0.0 24.2 36.2#

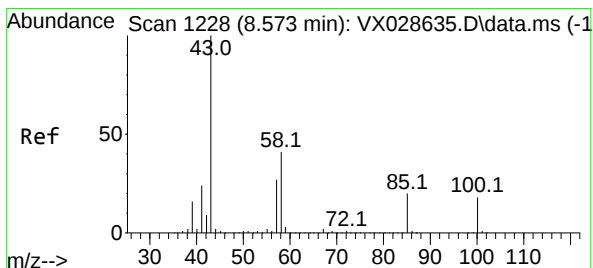
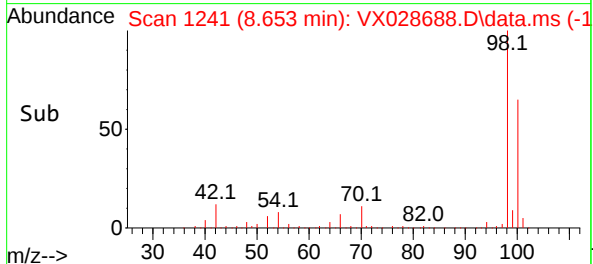
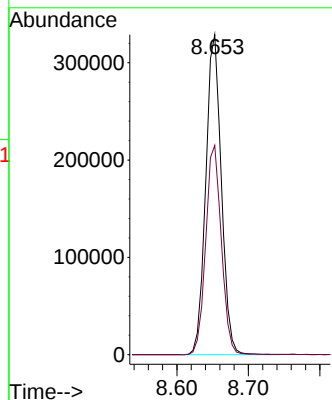
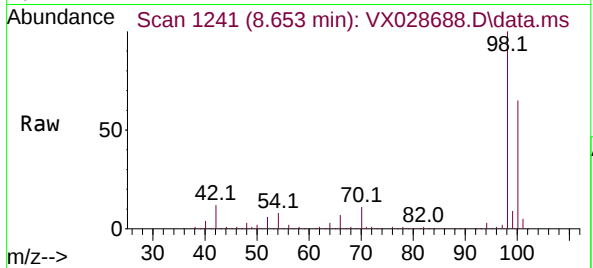




#50
Toluene-d8
Concen: 49.741 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX028688.D
Acq: 13 May 2022 19:13

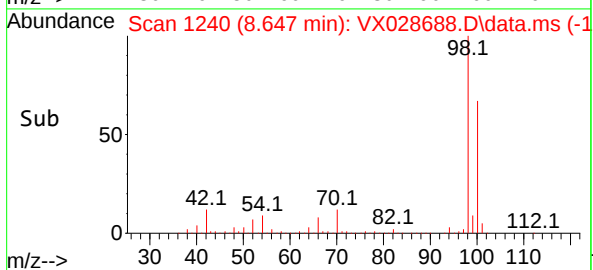
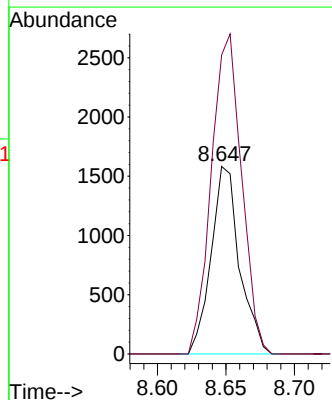
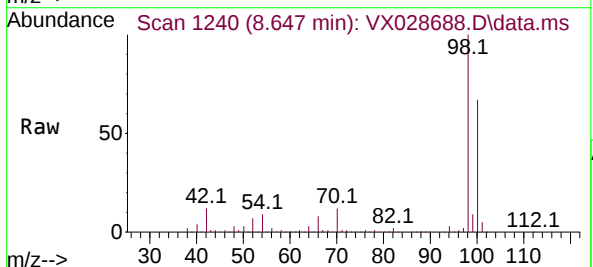
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

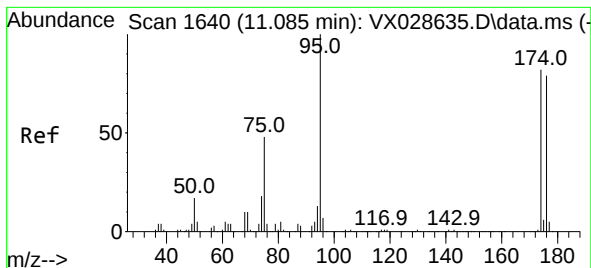
Tgt Ion: 98 Resp: 497626
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.533 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX028688.D
Acq: 13 May 2022 19:13

Tgt Ion: 43 Resp: 2287
Ion Ratio Lower Upper
43 100
58 181.5 36.1 54.1#

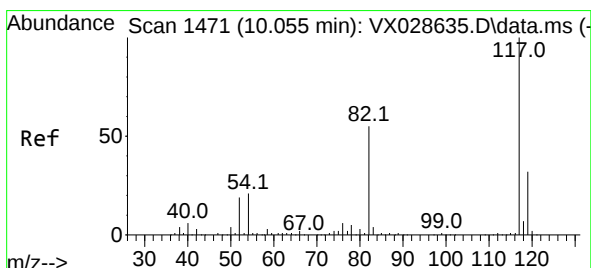
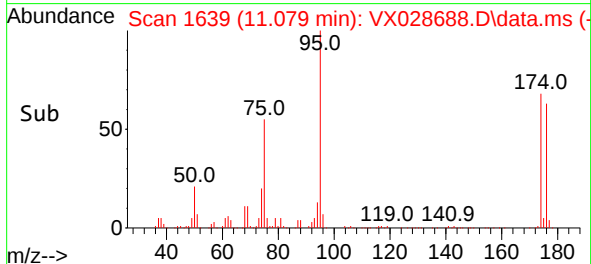
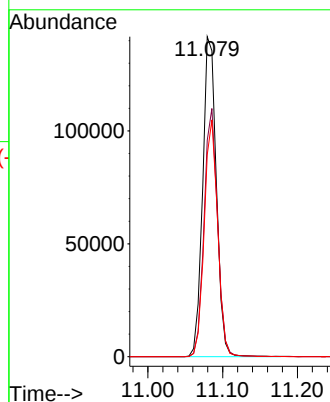
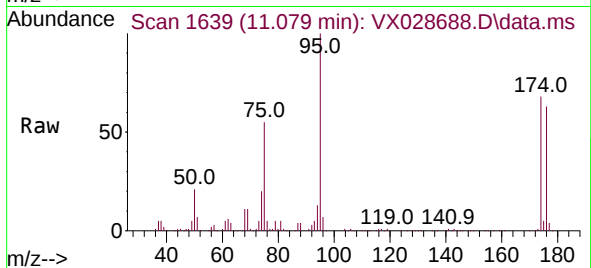




#62
4-Bromofluorobenzene
Concen: 48.226 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX028688.D
Acq: 13 May 2022 19:13

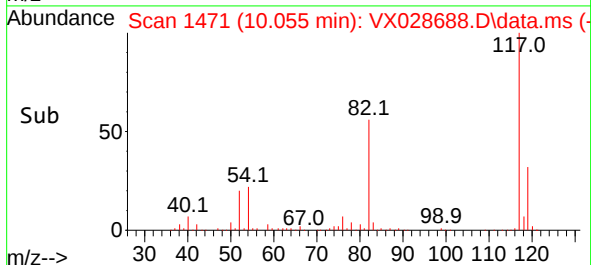
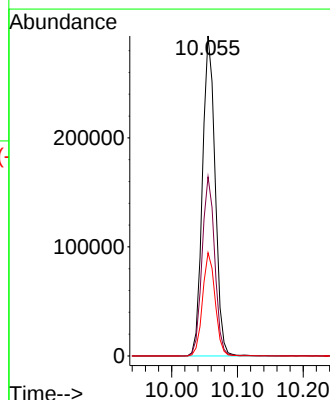
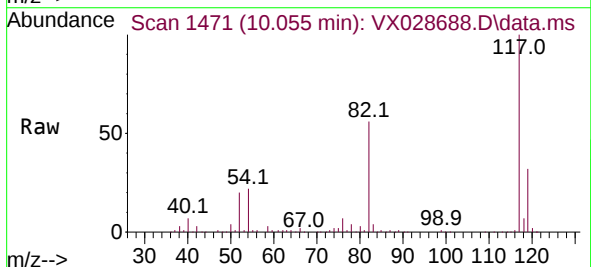
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

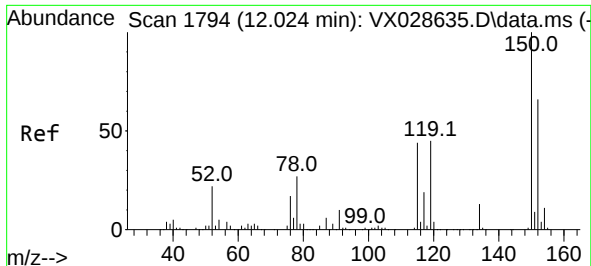
Tgt Ion: 95 Resp: 180206
Ion Ratio Lower Upper
95 100
174 76.2 0.0 163.0
176 72.7 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028688.D
Acq: 13 May 2022 19:13

Tgt Ion: 117 Resp: 394061
Ion Ratio Lower Upper
117 100
82 56.0 41.8 62.8
119 32.3 24.8 37.2

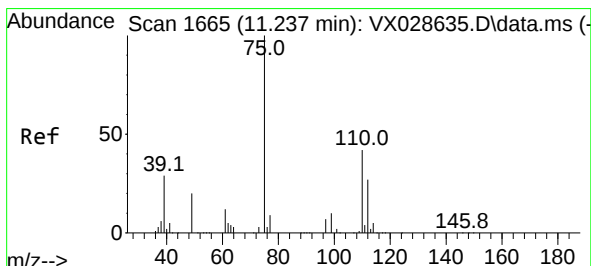
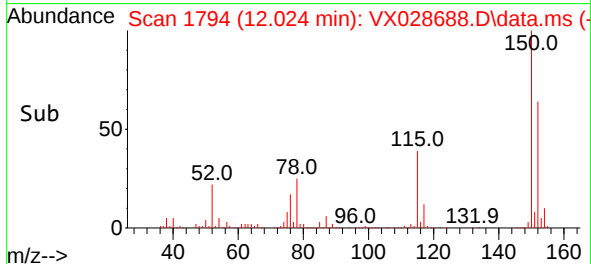
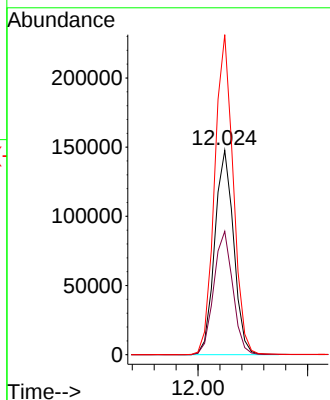
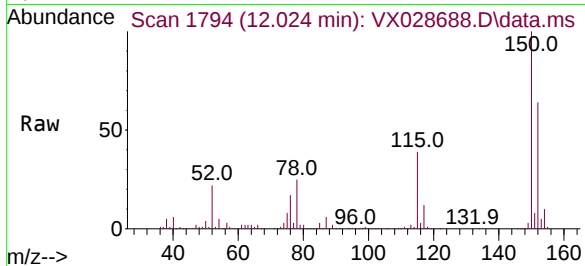




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028688.D
 Acq: 13 May 2022 19:13

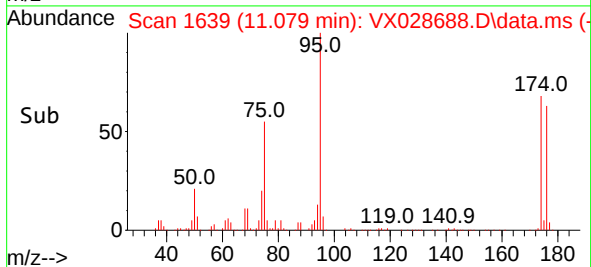
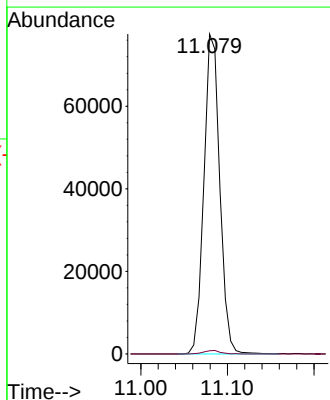
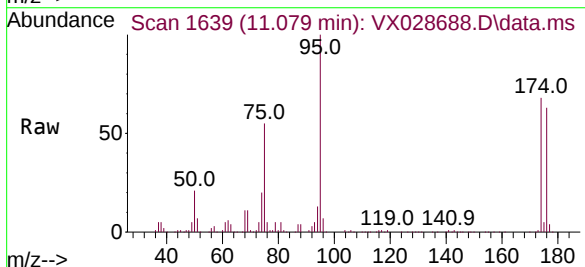
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

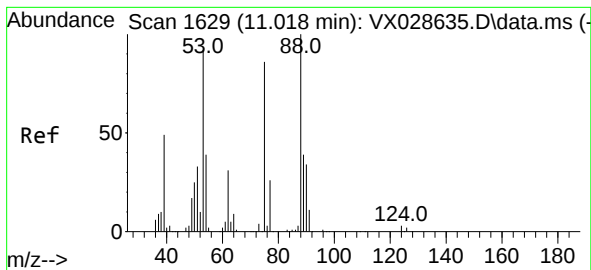
Tgt Ion:152 Resp: 176882
 Ion Ratio Lower Upper
 152 100
 115 60.9 37.5 112.7
 150 154.3 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 23.768 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX028688.D
 Acq: 13 May 2022 19:13

Tgt Ion: 75 Resp: 98456
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.287 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX028688.D
 Acq: 13 May 2022 19:13

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

Tgt Ion: 75 Resp: 98456
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

