

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110823\
 Data File : VX038652.D
 Acq On : 08 Nov 2023 13:45
 Operator : JC/MD
 Sample : 05238-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Nov 09 01:19:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

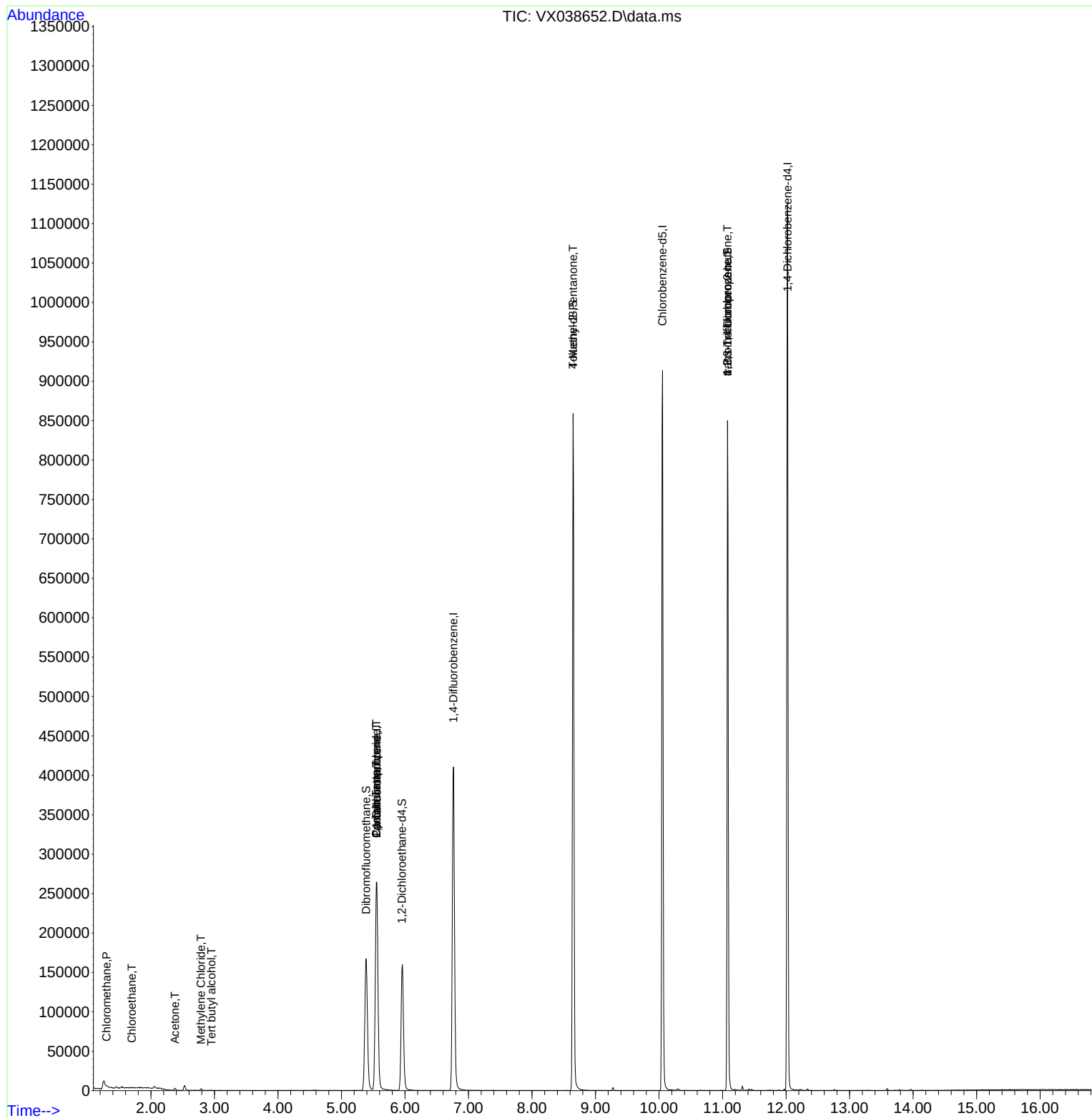
Internal Standards						
1) Pentafluorobenzene	5.556	168	275447	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	454665	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	458488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	263497	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	158741	46.291	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	92.580%	
35) Dibromofluoromethane	5.385	113	148489	45.345	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	90.700%	
50) Toluene-d8	8.647	98	535041	45.660	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	91.320%#	
62) 4-Bromofluorobenzene	11.079	95	223526	49.200	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	98.400%	
Target Compounds						
						Qvalue
3) Chloromethane	1.301	50	575	0.233	ug/l	99
6) Chloroethane	1.697	64	788	0.473	ug/l	# 73
11) Tert butyl alcohol	2.953	59	145	0.207	ug/l	# 78
16) Acetone	2.380	43	2600	1.800	ug/l	96
20) Methylene Chloride	2.788	84	1155	0.397	ug/l	# 69
31) Cyclohexane	5.550	56	4856	1.279	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	18497	4.547	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	26601	5.850	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.647	43	1954	0.470	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	109984	21.076	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	109984	64.038	ug/l	# 5

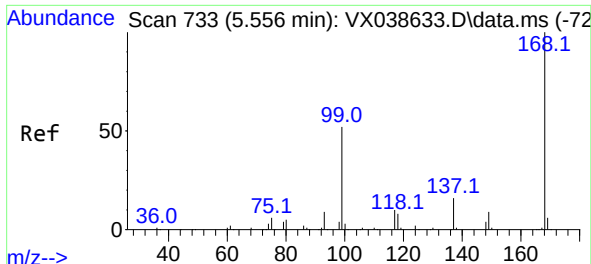
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110823\
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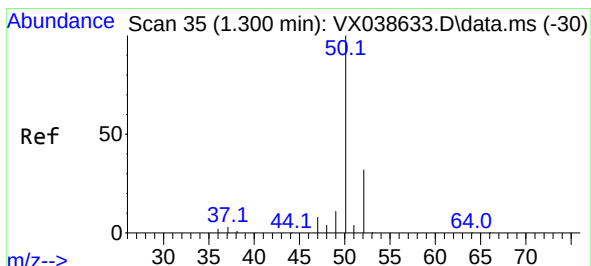
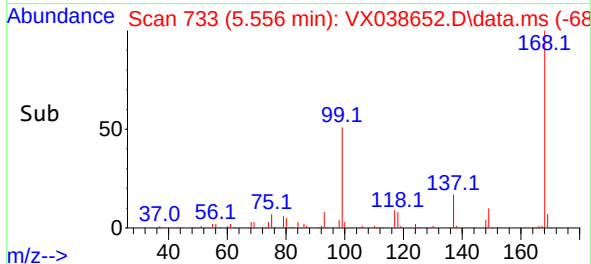
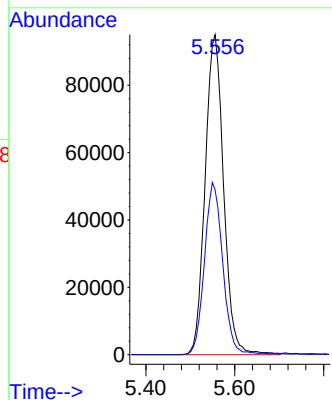
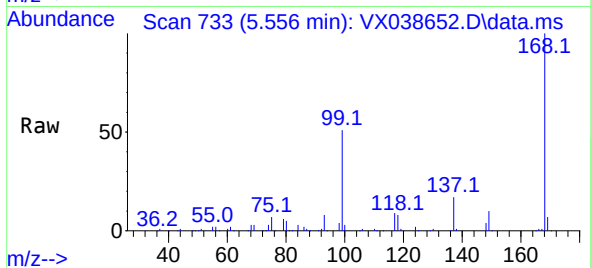




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038652.D
Acq: 08 Nov 2023 13:45

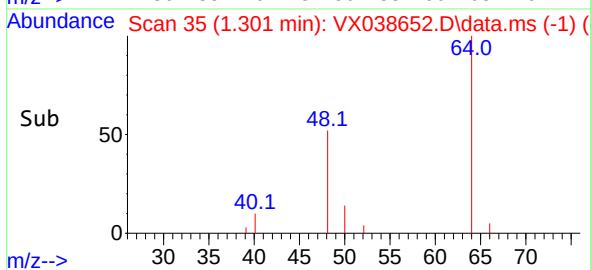
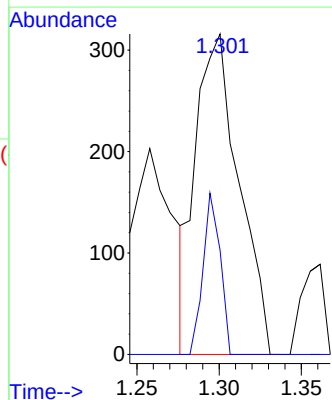
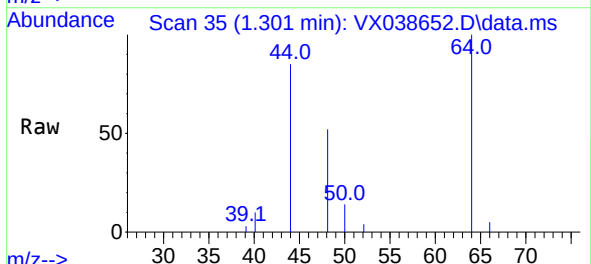
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

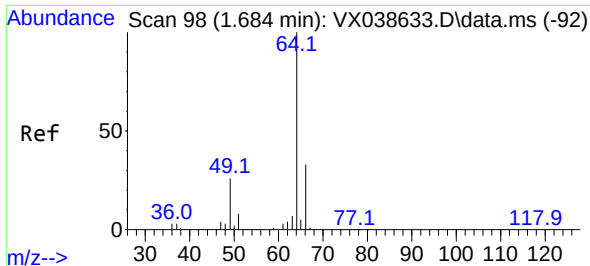
Tgt Ion:168 Resp: 275447
Ion Ratio Lower Upper
168 100
99 51.5 56.6 85.0#



#3
Chloromethane
Concen: 0.233 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX038652.D
Acq: 08 Nov 2023 13:45

Tgt Ion: 50 Resp: 575
Ion Ratio Lower Upper
50 100
52 32.6 25.5 38.3

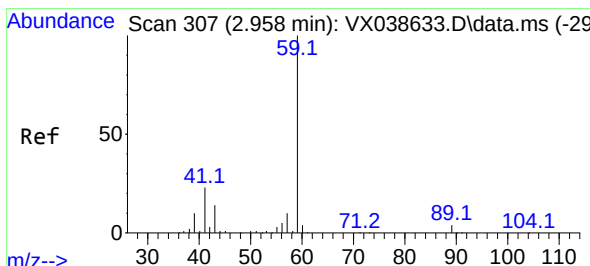
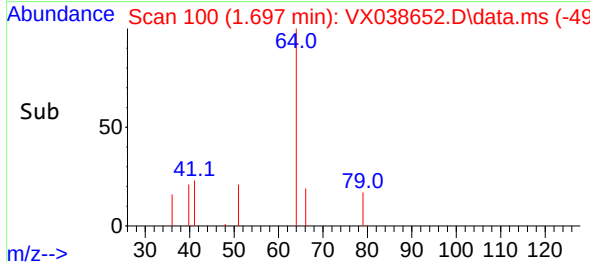
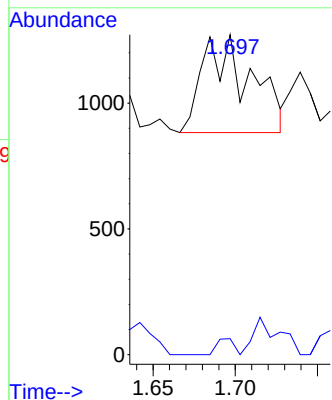
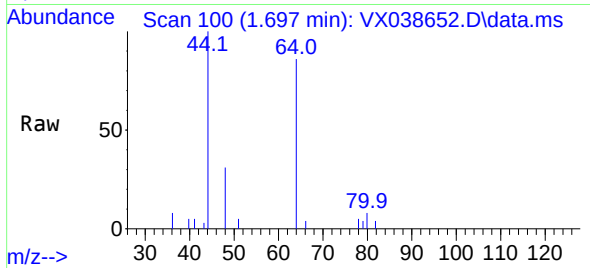




#6
Chloroethane
Concen: 0.473 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.013 min
Lab File: VX038652.D
Acq: 08 Nov 2023 13:45

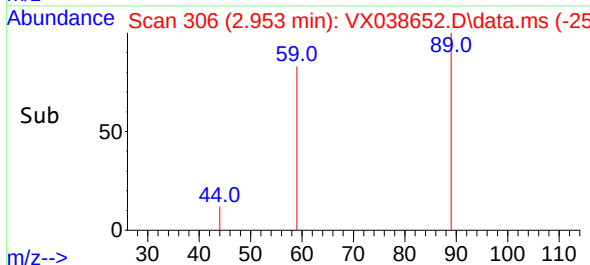
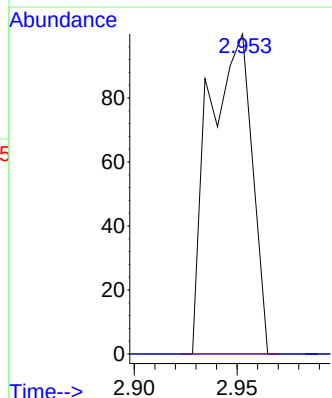
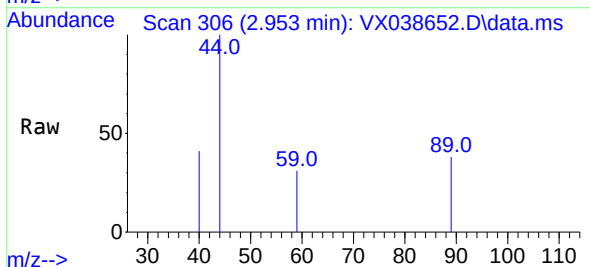
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

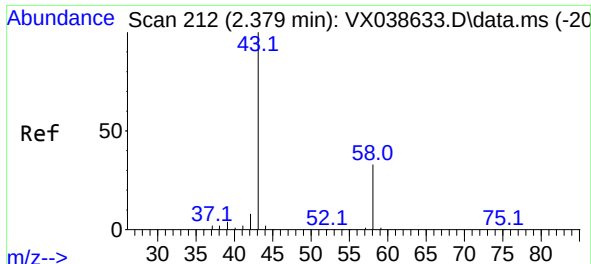
Tgt Ion: 64 Resp: 788
Ion Ratio Lower Upper
64 100
66 16.5 25.1 37.7#



#11
Tert butyl alcohol
Concen: 0.207 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX038652.D
Acq: 08 Nov 2023 13:45

Tgt Ion: 59 Resp: 145
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

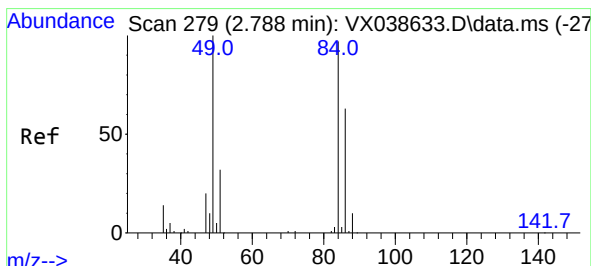
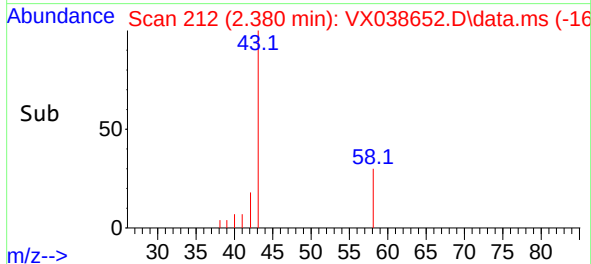
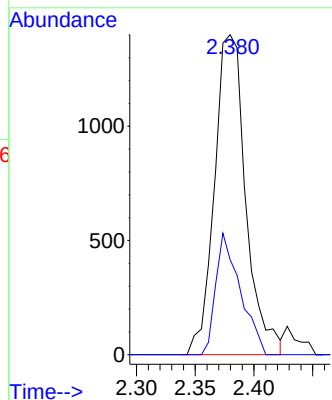
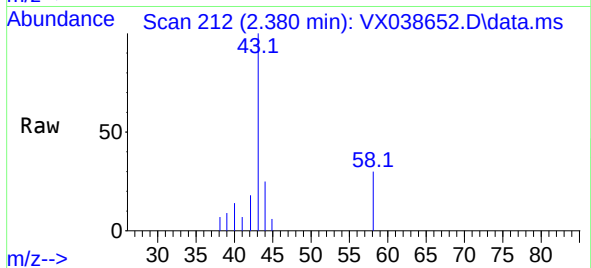




#16
Acetone
Concen: 1.800 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX038652.D
Acq: 08 Nov 2023 13:45

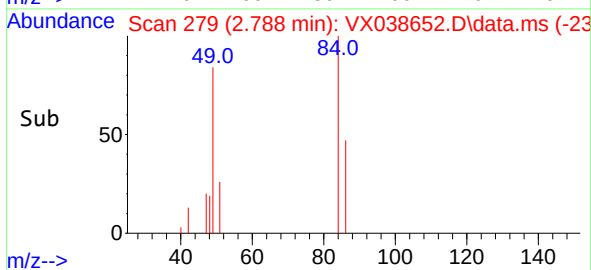
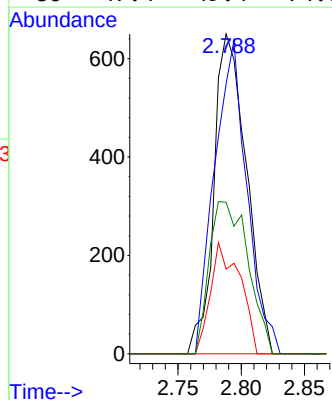
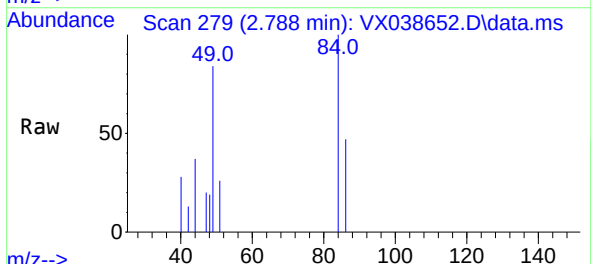
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

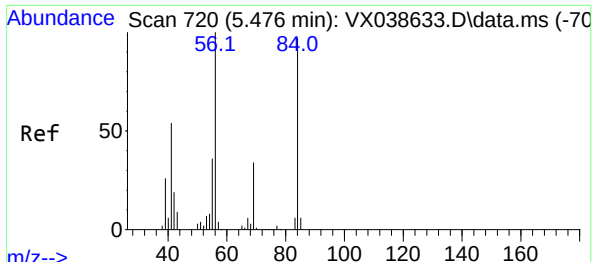
Tgt Ion: 43 Resp: 2600
Ion Ratio Lower Upper
43 100
58 29.7 21.9 32.9



#20
Methylene Chloride
Concen: 0.397 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038652.D
Acq: 08 Nov 2023 13:45

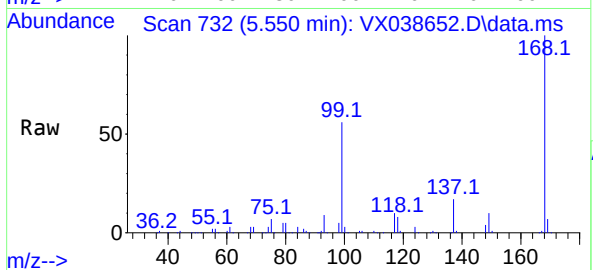
Tgt Ion: 84 Resp: 1155
Ion Ratio Lower Upper
84 100
49 84.5 103.6 155.4#
51 26.5 33.8 50.6#
86 47.4 49.4 74.0#



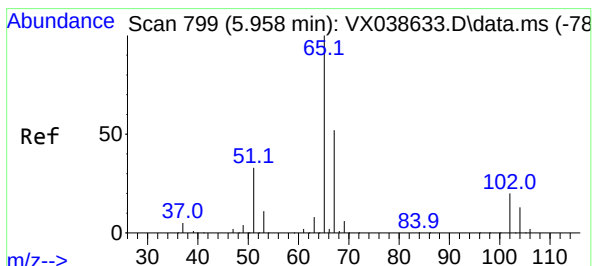
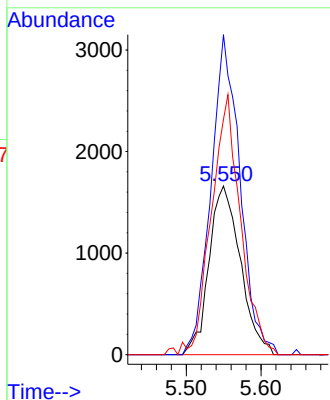
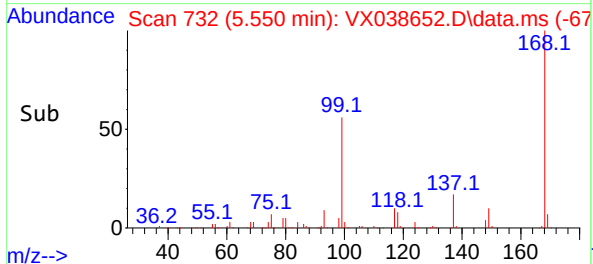


#31
Cyclohexane
Concen: 1.279 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.074 min
Lab File: VX038652.D
Acq: 08 Nov 2023 13:45

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

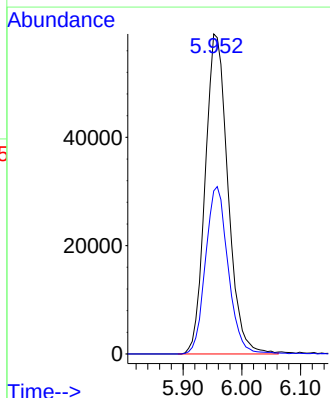
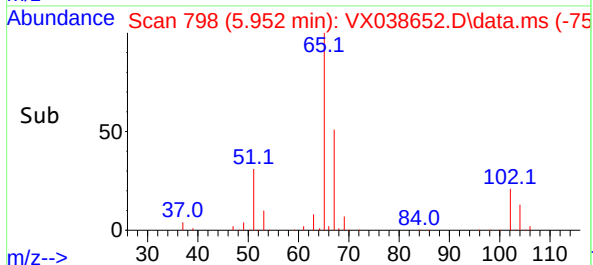
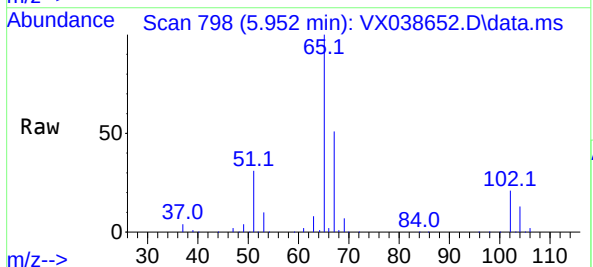


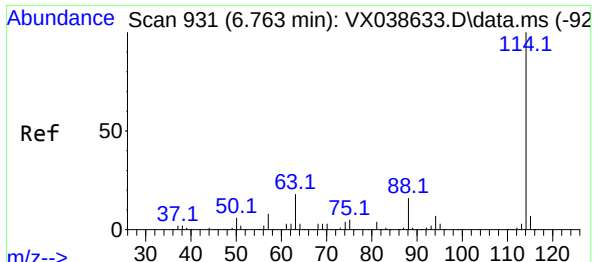
Tgt Ion: 56 Resp: 4856
Ion Ratio Lower Upper
56 100
69 189.8 23.4 35.2#
84 139.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.291 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038652.D
Acq: 08 Nov 2023 13:45

Tgt Ion: 65 Resp: 158741
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.2

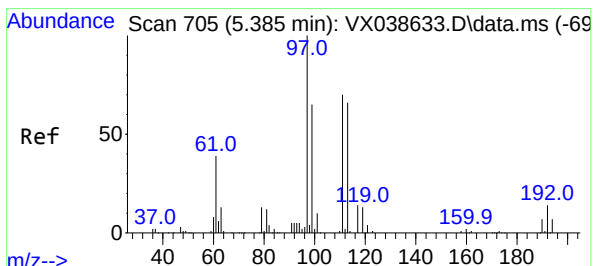
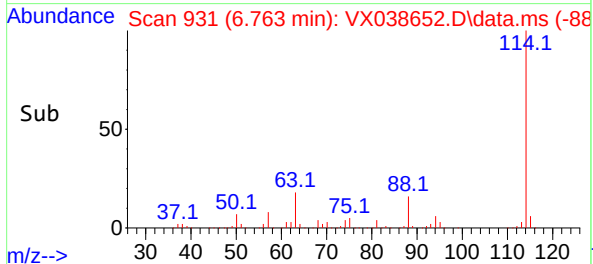
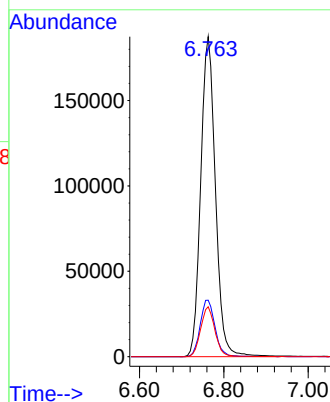
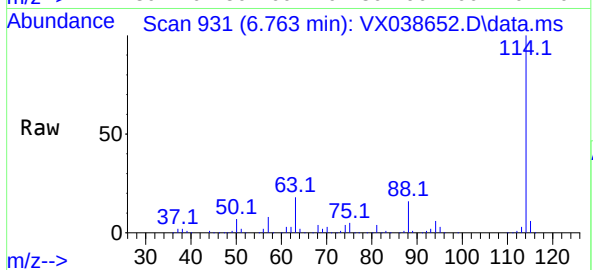




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038652.D
Acq: 08 Nov 2023 13:45

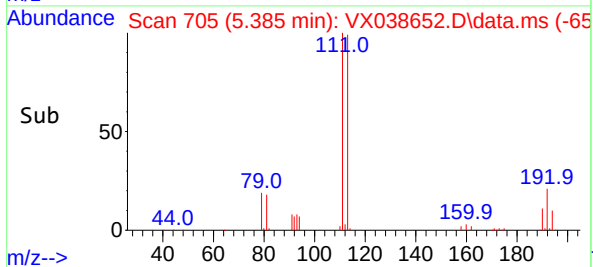
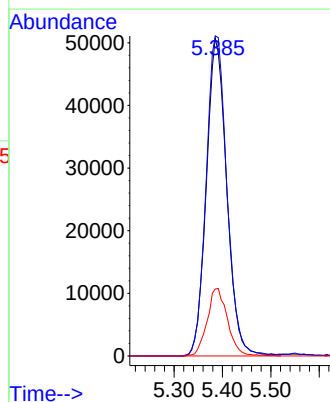
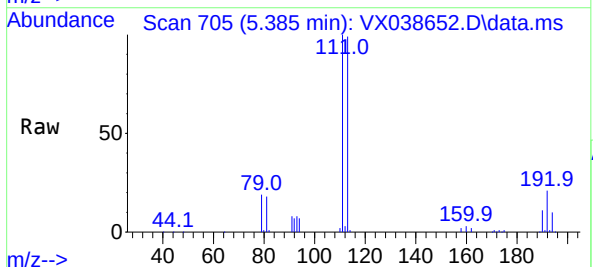
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

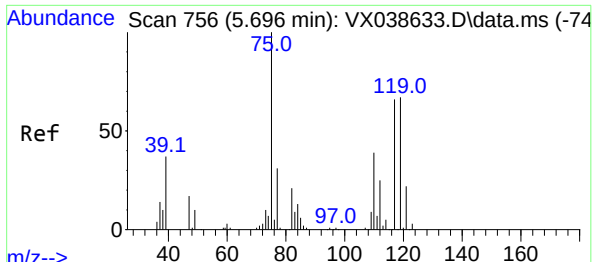
Tgt Ion:114 Resp: 454665
Ion Ratio Lower Upper
114 100
63 17.6 0.0 45.0
88 15.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.345 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038652.D
Acq: 08 Nov 2023 13:45

Tgt Ion:113 Resp: 148489
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 21.3 13.3 19.9#





#36

1,1-Dichloropropene

Concen: 4.547 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX038652.D

Acq: 08 Nov 2023 13:45

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

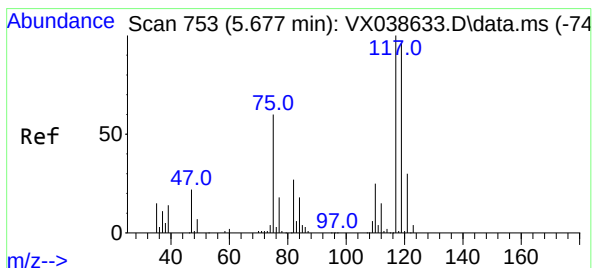
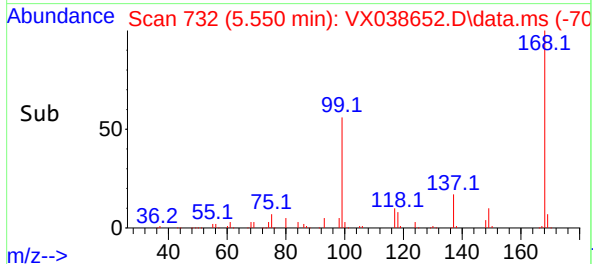
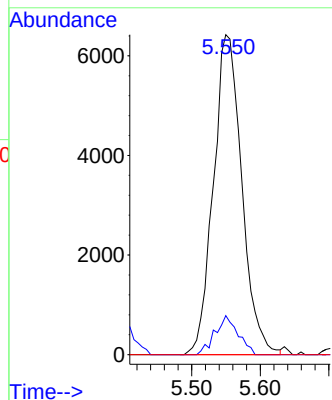
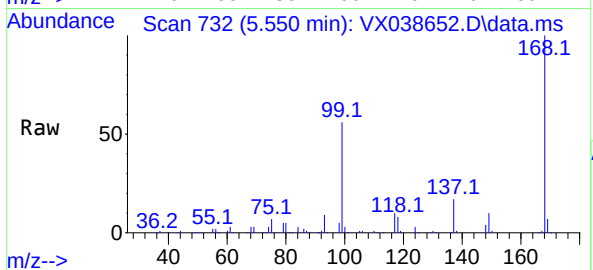
Tgt Ion: 75 Resp: 18497

Ion Ratio Lower Upper

75 100

110 9.8 17.0 50.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.850 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX038652.D

Acq: 08 Nov 2023 13:45

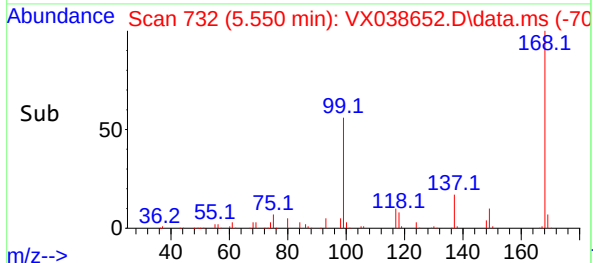
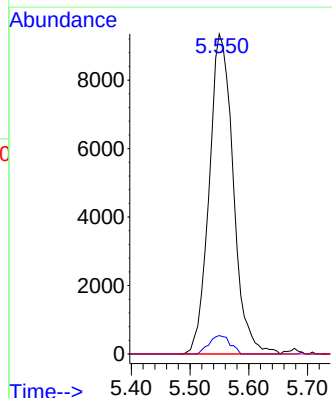
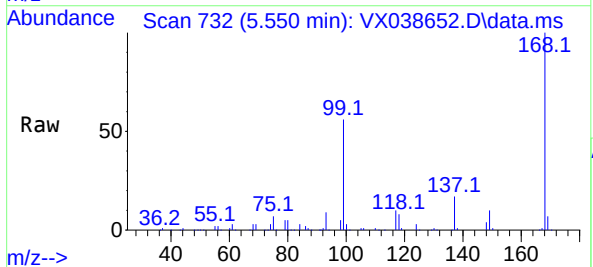
Tgt Ion: 117 Resp: 26601

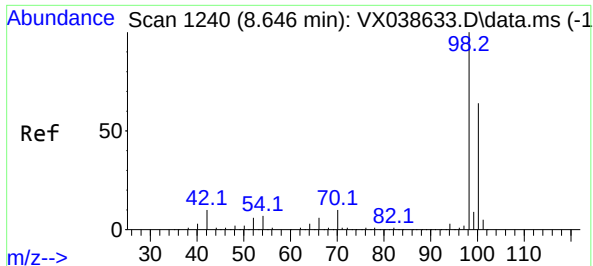
Ion Ratio Lower Upper

117 100

119 5.8 78.2 117.2#

121 0.0 24.4 36.6#

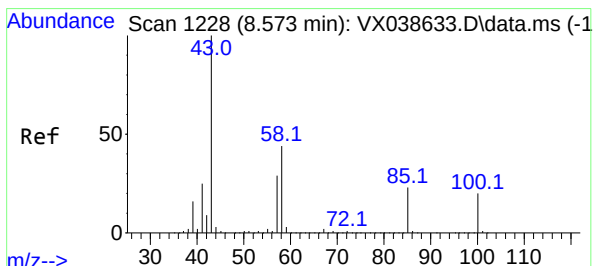
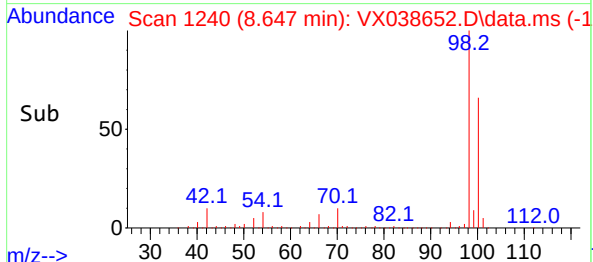
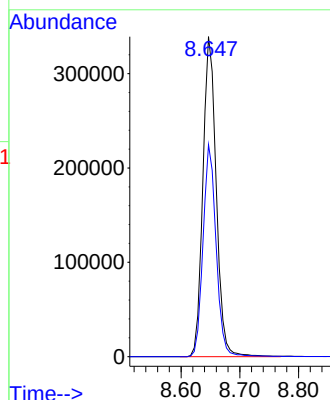
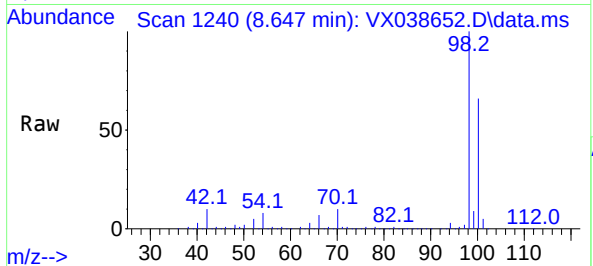




#50
Toluene-d8
Concen: 45.660 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038652.D
Acq: 08 Nov 2023 13:45

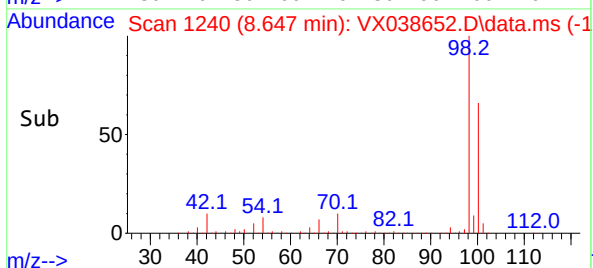
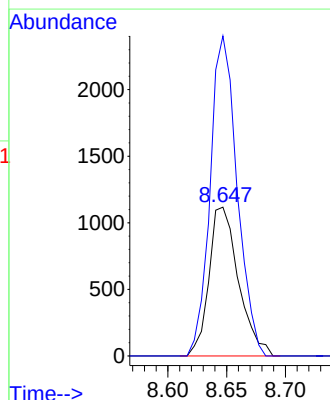
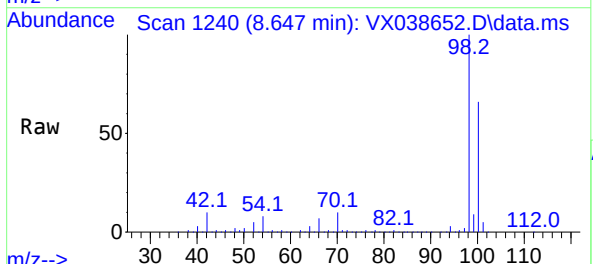
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

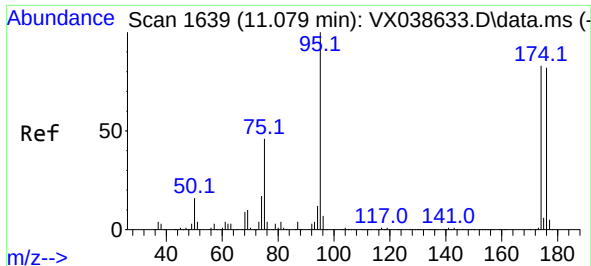
Tgt Ion: 98 Resp: 535041
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.470 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038652.D
Acq: 08 Nov 2023 13:45

Tgt Ion: 43 Resp: 1954
Ion Ratio Lower Upper
43 100
58 196.5 30.4 45.6#





#62

4-Bromofluorobenzene

Concen: 49.200 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038652.D

Acq: 08 Nov 2023 13:45

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

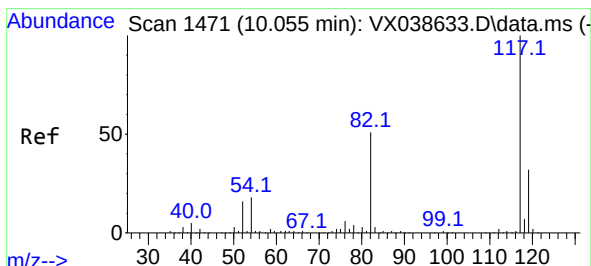
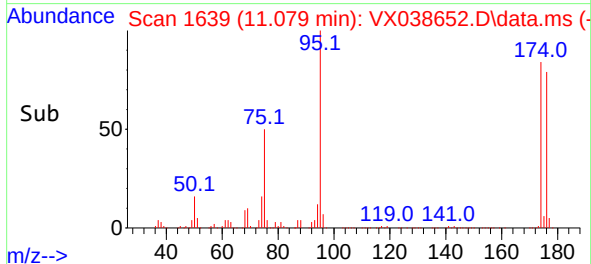
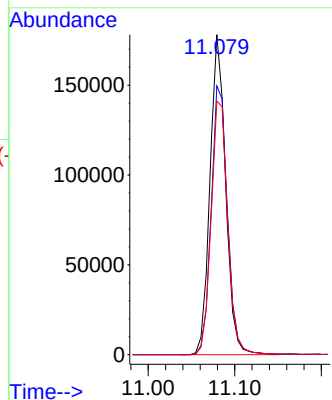
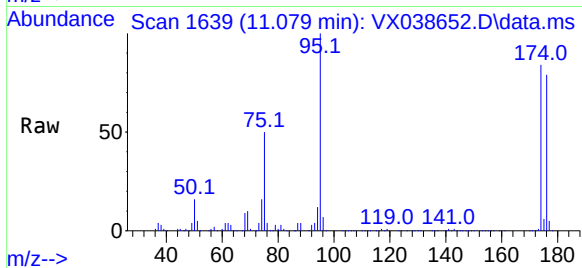
Tgt Ion: 95 Resp: 223526

Ion Ratio Lower Upper

95 100

174 87.8 0.0 135.6

176 84.6 0.0 131.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX038652.D

Acq: 08 Nov 2023 13:45

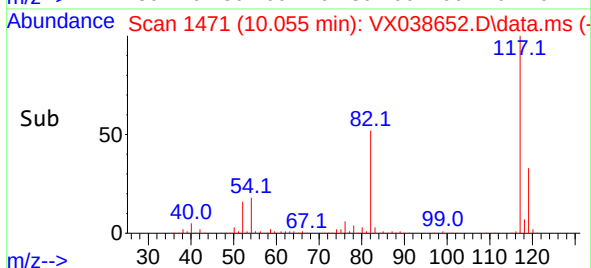
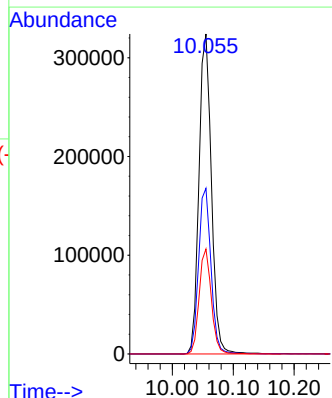
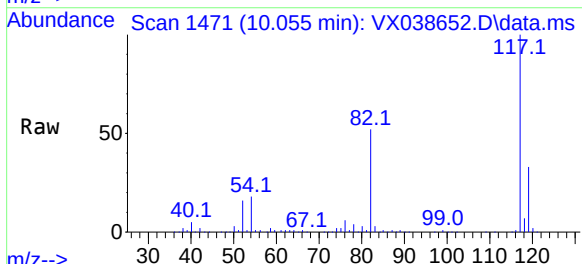
Tgt Ion: 117 Resp: 458488

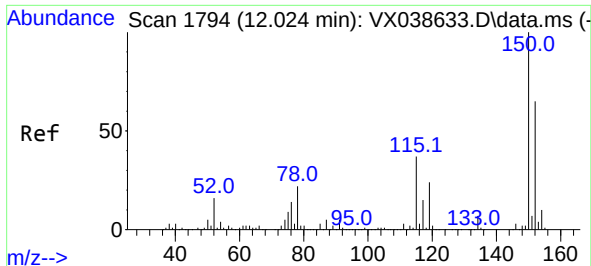
Ion Ratio Lower Upper

117 100

82 51.7 46.2 69.4

119 32.8 25.5 38.3

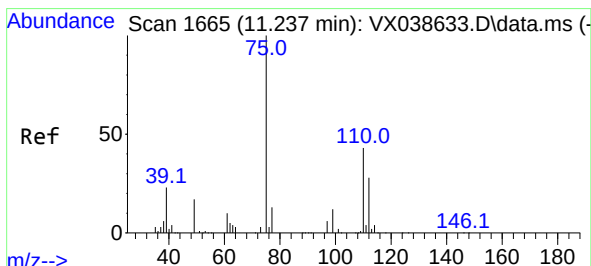
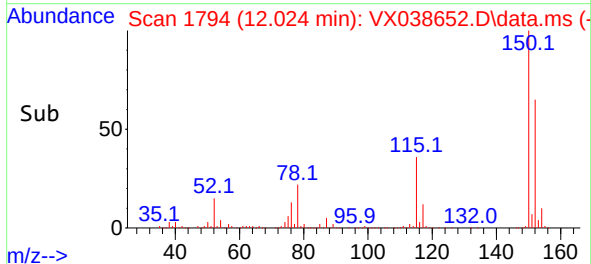
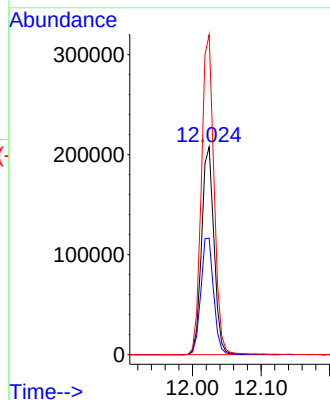
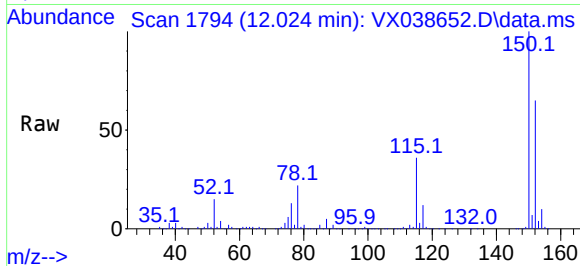




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038652.D
Acq: 08 Nov 2023 13:45

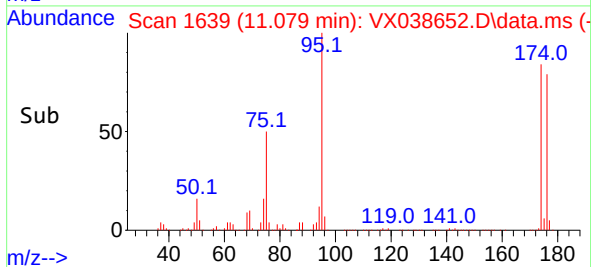
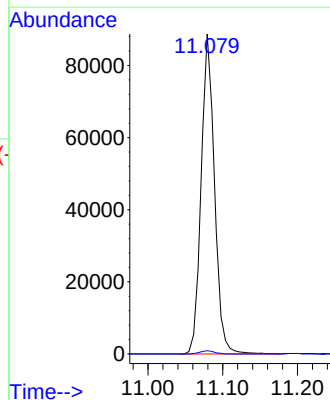
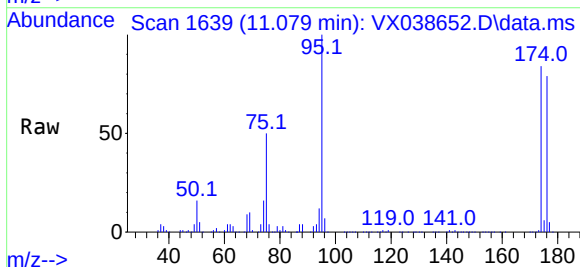
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

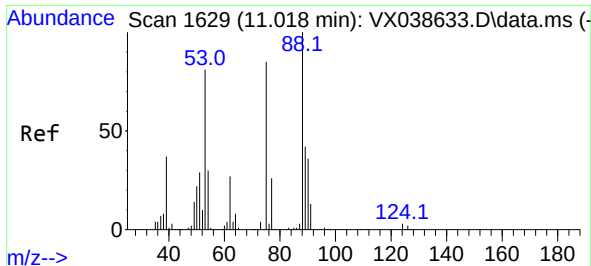
Tgt Ion:152 Resp: 263497
Ion Ratio Lower Upper
152 100
115 57.8 43.3 129.9
150 156.3 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 21.076 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX038652.D
Acq: 08 Nov 2023 13:45

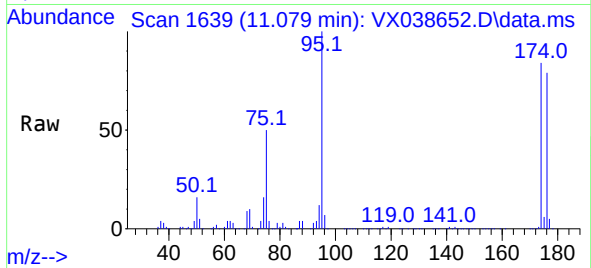
Tgt Ion: 75 Resp: 109984
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.038 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038652.D
 Acq: 08 Nov 2023 13:45

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



Tgt Ion: 75 Resp: 109984
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

