

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037219.D
 Acq On : 24 Aug 2023 16:18
 Operator : JC/MD
 Sample : 04081-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Aug 24 23:39:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

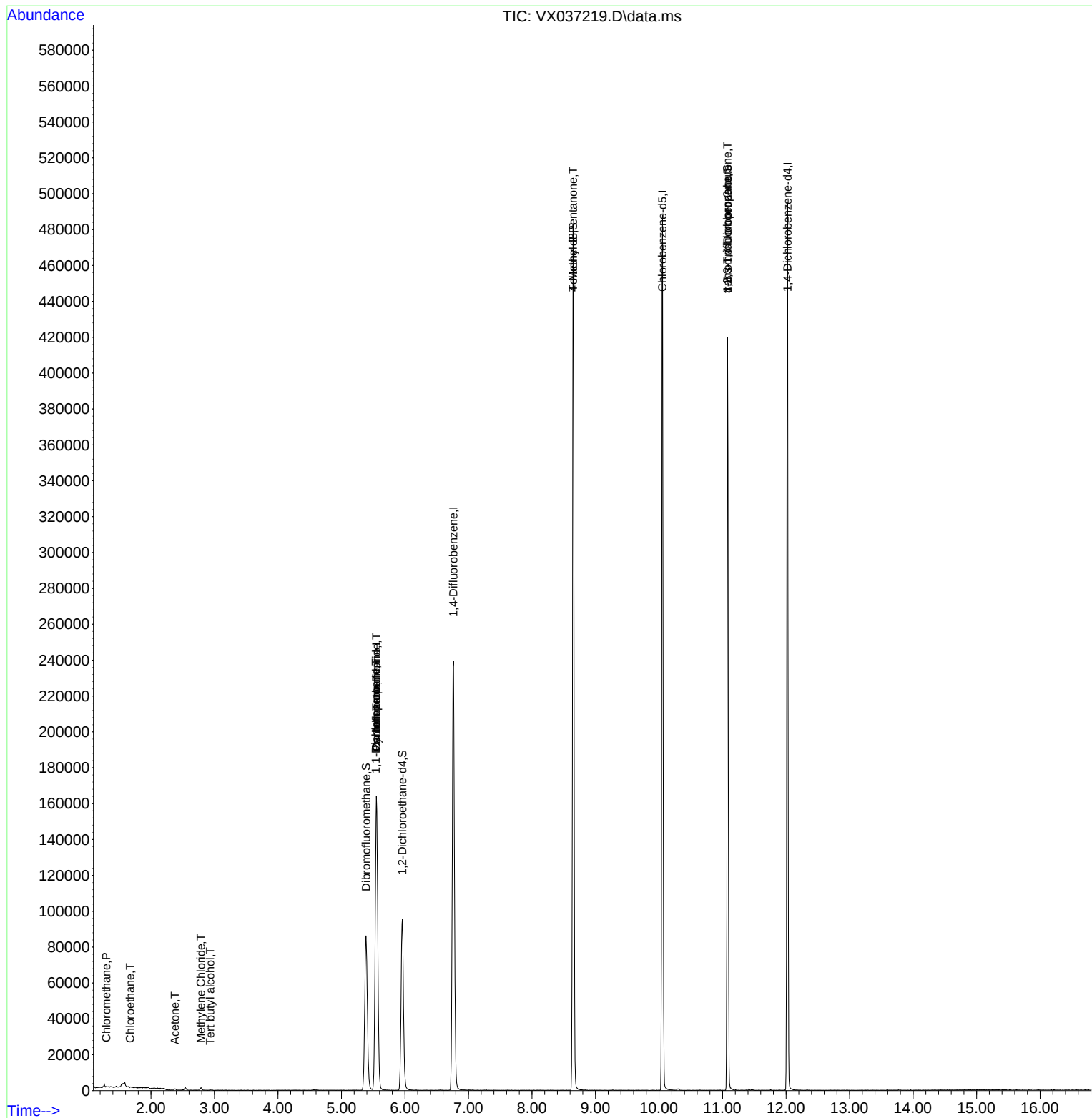
Internal Standards						
1) Pentafluorobenzene	5.550	168	151590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	250342	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	225319	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	95540	43.717	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.440%
35) Dibromofluoromethane	5.385	113	76235	45.981	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.960%
50) Toluene-d8	8.647	98	290635	48.326	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.660%
62) 4-Bromofluorobenzene	11.079	95	113595	48.064	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.120%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	412	0.267	ug/l #	43
6) Chloroethane	1.672	64	316	0.320	ug/l #	43
11) Tert butyl alcohol	2.934	59	285	0.556	ug/l #	78
16) Acetone	2.380	43	830	0.971	ug/l	96
20) Methylene Chloride	2.788	84	798	0.417	ug/l #	86
31) Cyclohexane	5.550	56	3136	1.276	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	11709	4.971	ug/l #	52
38) Carbon Tetrachloride	5.550	117	16250	6.351	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1138	0.491	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	57687	25.697	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	57687	71.774	ug/l #	5

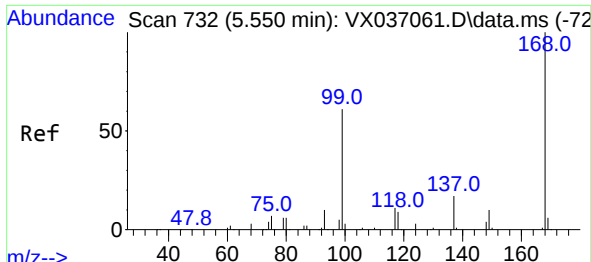
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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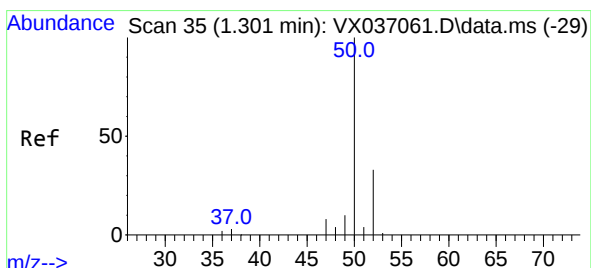
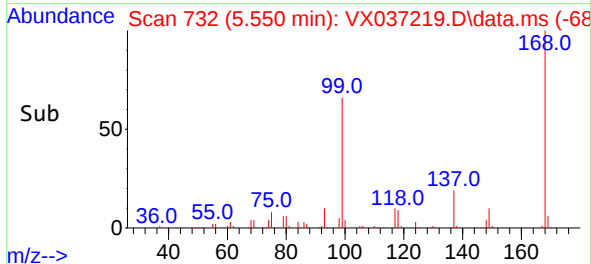
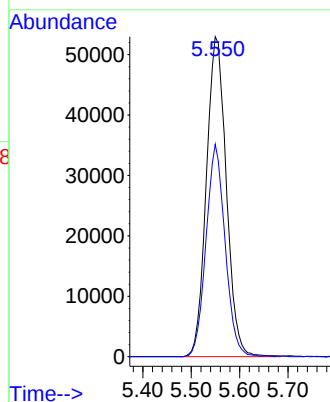
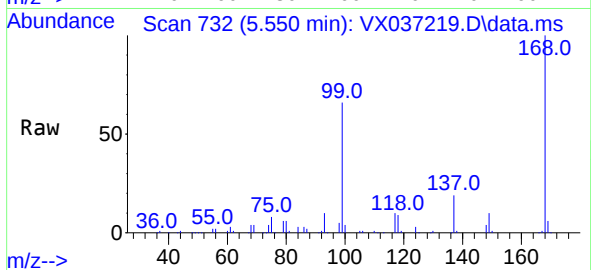




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037219.D
Acq: 24 Aug 2023 16:18

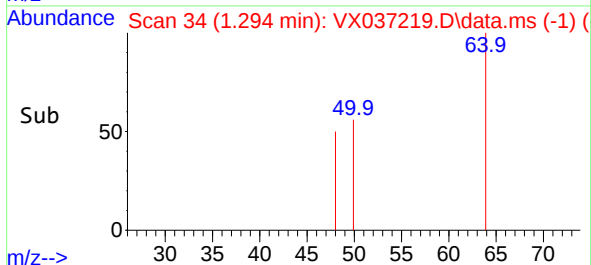
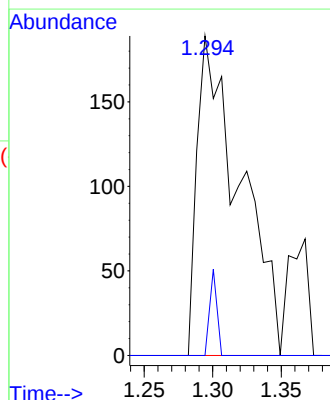
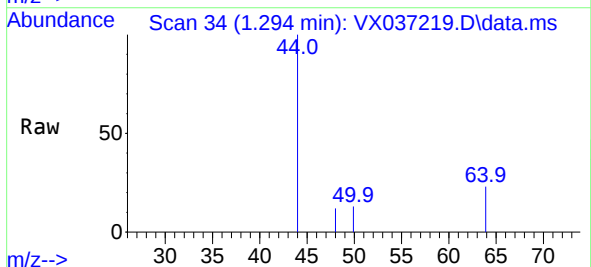
Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-WATER-REF-4

Tgt Ion:168 Resp: 151590
Ion Ratio Lower Upper
168 100
99 66.4 56.6 85.0

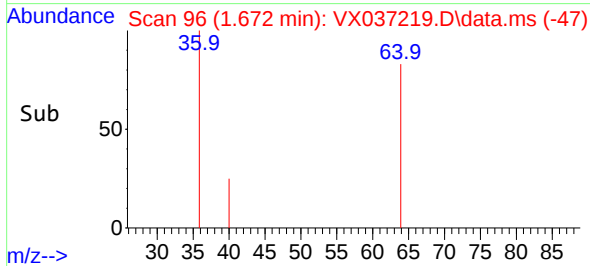
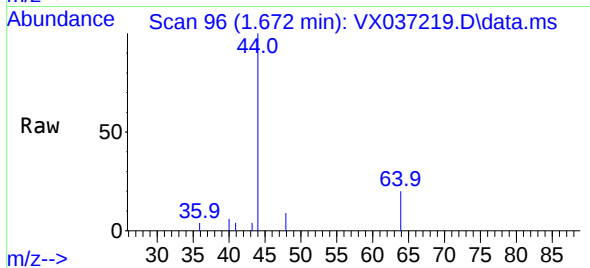
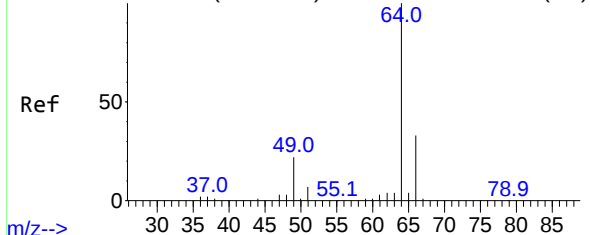


#3
Chloromethane
Concen: 0.267 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX037219.D
Acq: 24 Aug 2023 16:18

Tgt Ion: 50 Resp: 412
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#



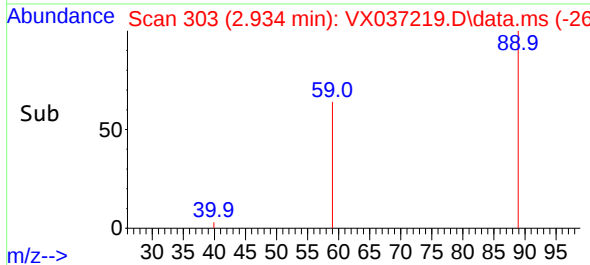
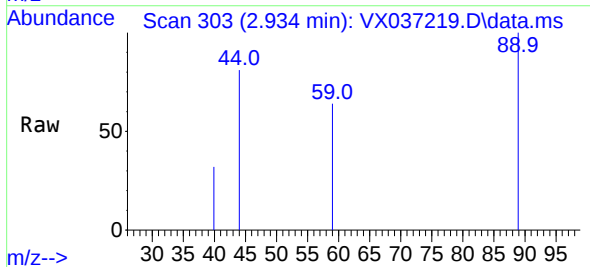
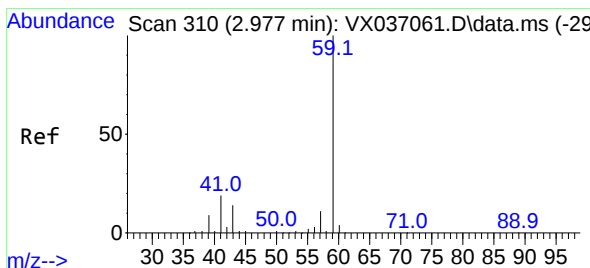
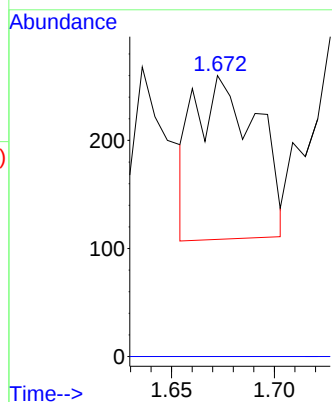
Abundance Scan 96 (1.672 min): VX037061.D\data.ms (-90)



#6
Chloroethane
Concen: 0.320 ug/l
RT: 1.672 min Scan# 90
Delta R.T. 0.000 min
Lab File: VX037219.D
Acq: 24 Aug 2023 16:18

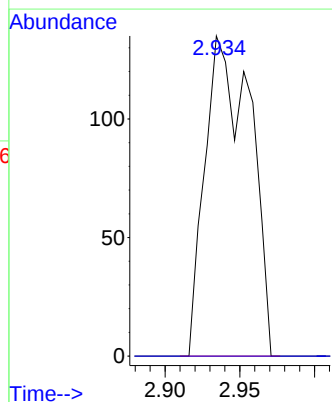
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

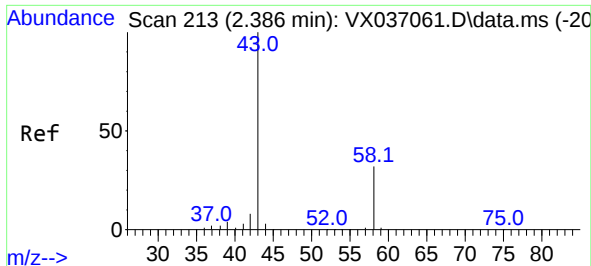
Tgt Ion: 64 Resp: 316
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 0.556 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.043 min
Lab File: VX037219.D
Acq: 24 Aug 2023 16:18

Tgt Ion: 59 Resp: 285
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

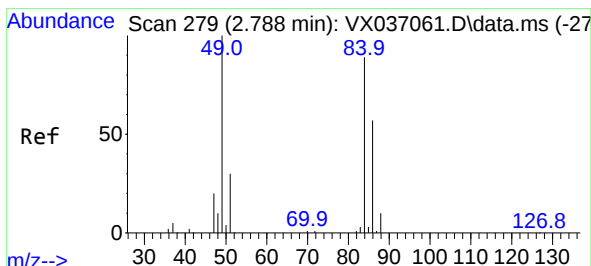
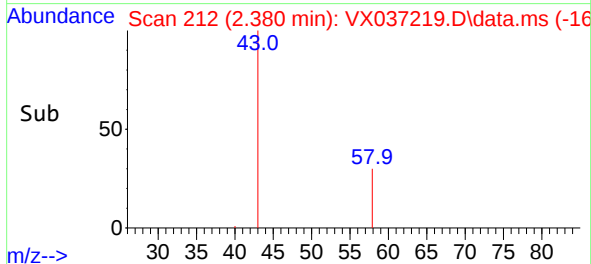
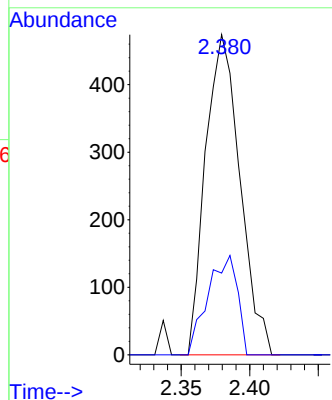
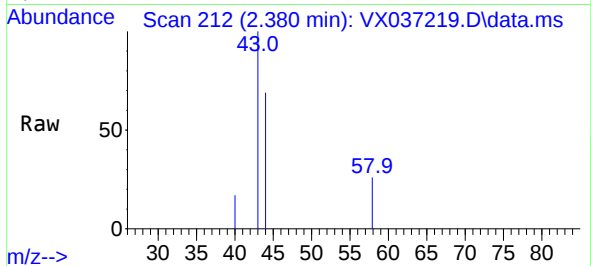




#16
Acetone
Concen: 0.971 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX037219.D
Acq: 24 Aug 2023 16:18

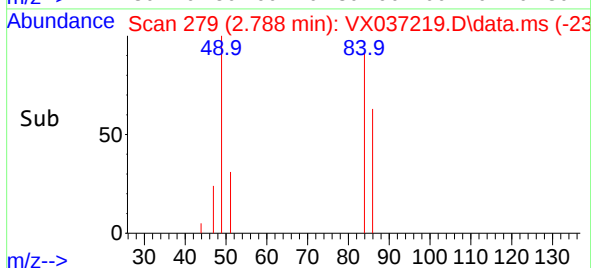
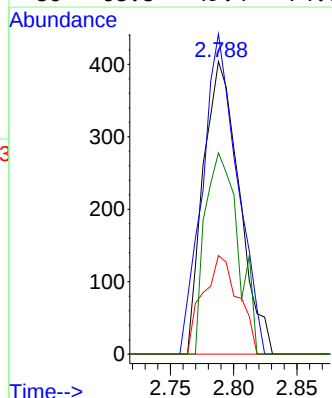
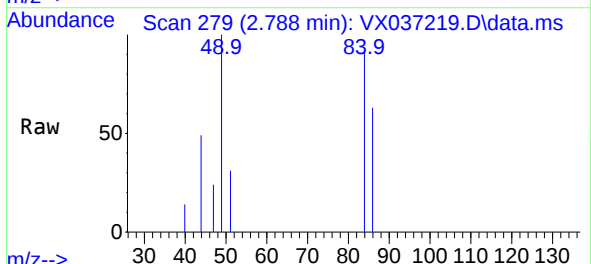
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

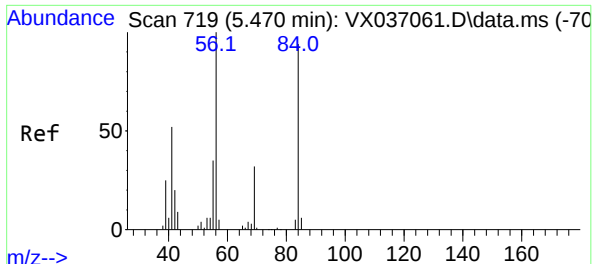
Tgt Ion: 43 Resp: 830
Ion Ratio Lower Upper
43 100
58 25.5 21.9 32.9



#20
Methylene Chloride
Concen: 0.417 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX037219.D
Acq: 24 Aug 2023 16:18

Tgt Ion: 84 Resp: 798
Ion Ratio Lower Upper
84 100
49 109.4 103.6 155.4
51 33.7 33.8 50.6#
86 68.8 49.4 74.0

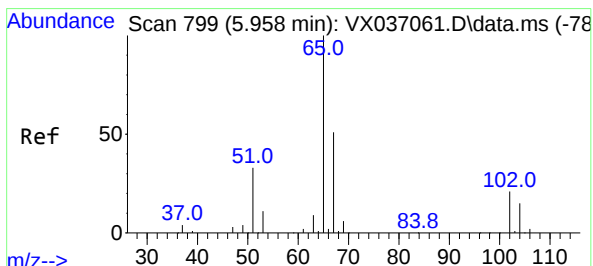
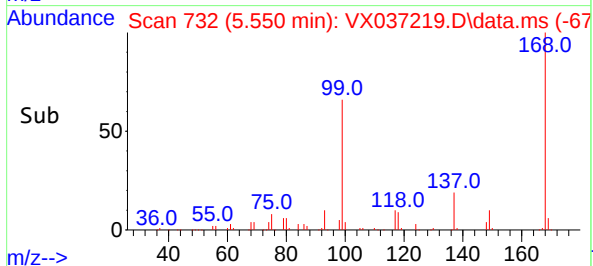
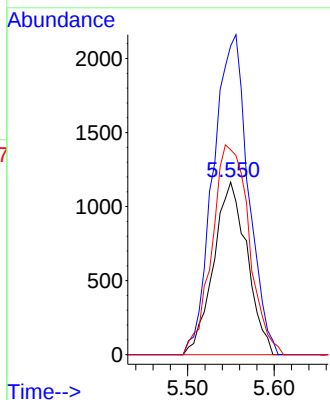
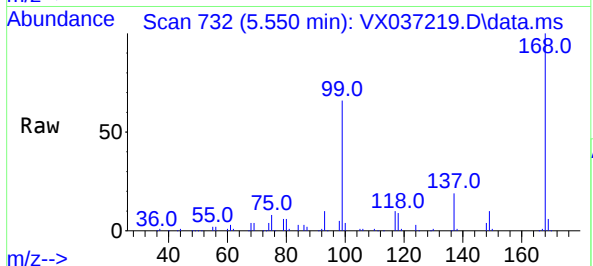




#31
Cyclohexane
Concen: 1.276 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037219.D
Acq: 24 Aug 2023 16:18

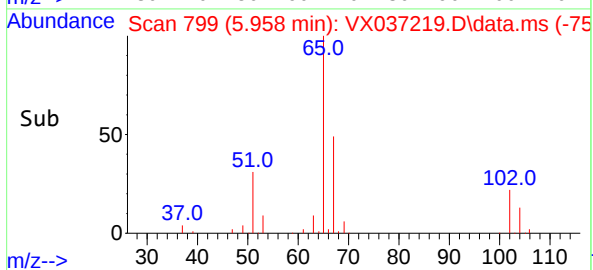
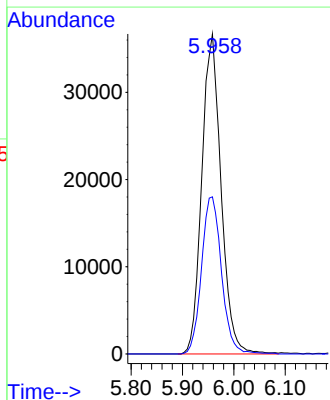
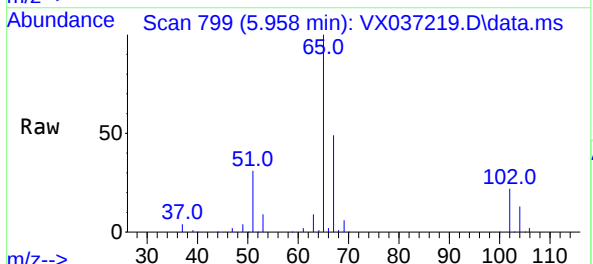
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

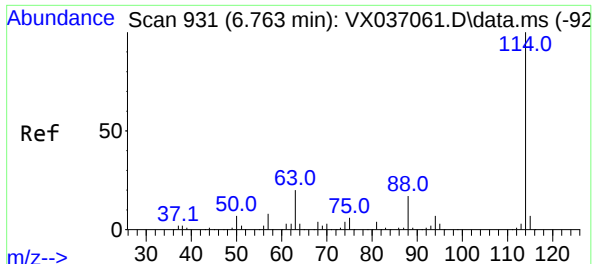
Tgt Ion: 56 Resp: 3136
Ion Ratio Lower Upper
56 100
69 179.1 23.4 35.2#
84 118.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 43.717 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037219.D
Acq: 24 Aug 2023 16:18

Tgt Ion: 65 Resp: 95540
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.2

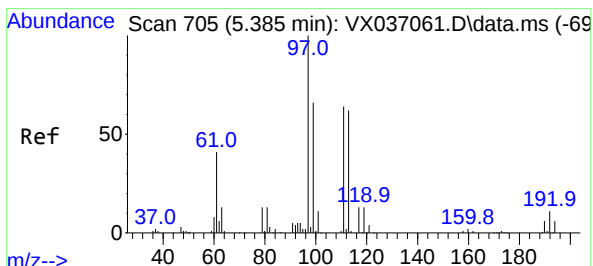
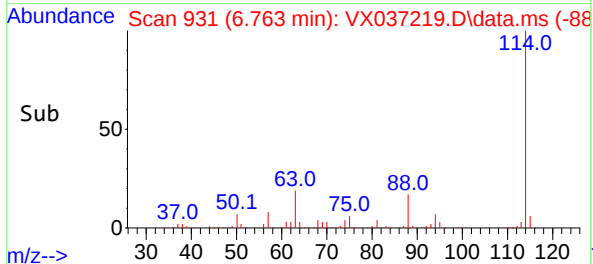
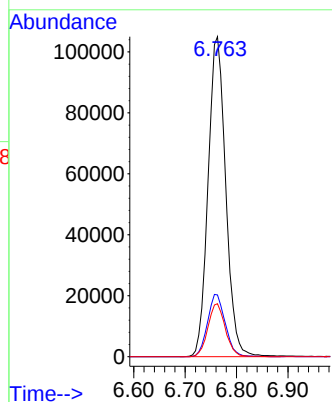
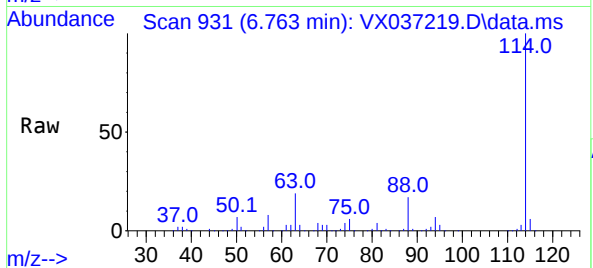




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037219.D
Acq: 24 Aug 2023 16:18

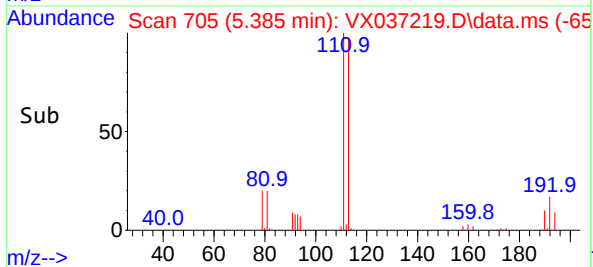
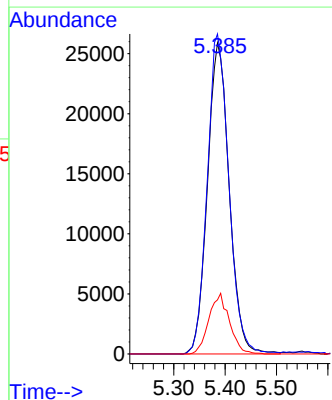
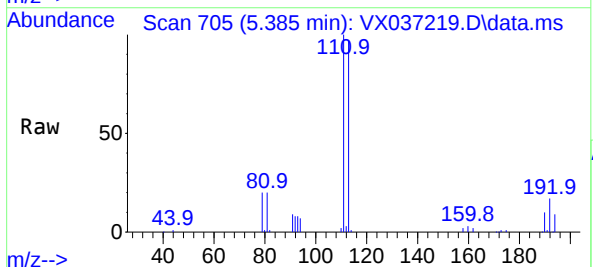
Instrument :
MSVOA_X
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STORAGE-BLANK-WATER-REF-4

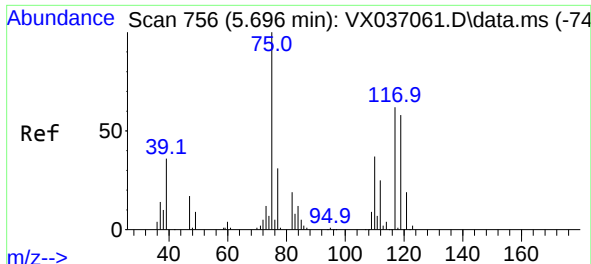
Tgt Ion:114 Resp: 250342
Ion Ratio Lower Upper
114 100
63 19.3 0.0 45.0
88 16.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.981 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037219.D
Acq: 24 Aug 2023 16:18

Tgt Ion:113 Resp: 76235
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 18.4 13.3 19.9

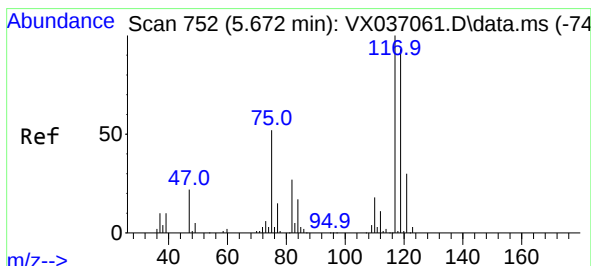
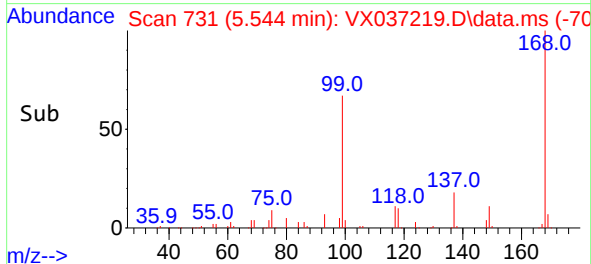
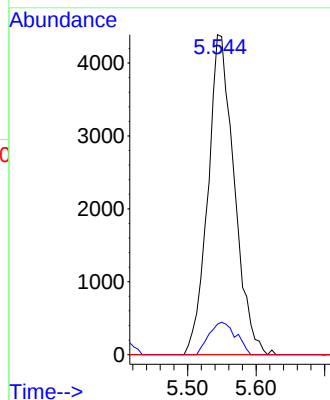
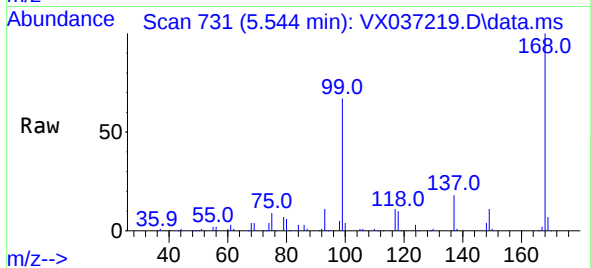




#36
1,1-Dichloropropene
Concen: 4.971 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.152 min
Lab File: VX037219.D
Acq: 24 Aug 2023 16:18

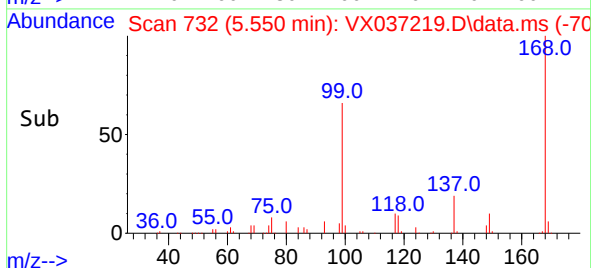
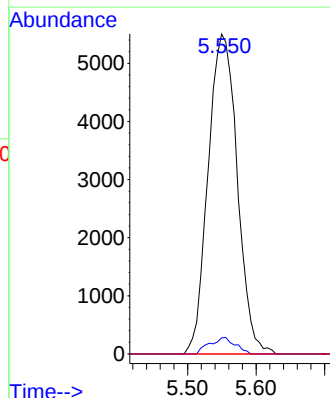
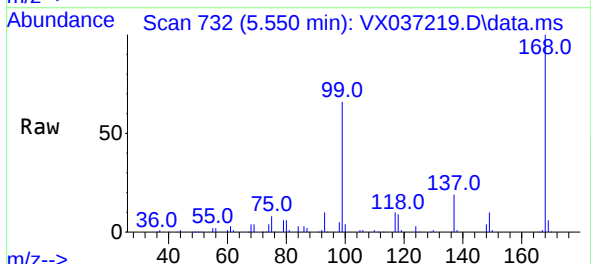
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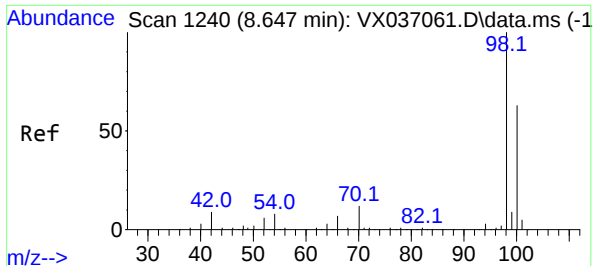
Tgt Ion: 75 Resp: 11709
Ion Ratio Lower Upper
75 100
110 10.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.351 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX037219.D
Acq: 24 Aug 2023 16:18

Tgt Ion: 117 Resp: 16250
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#

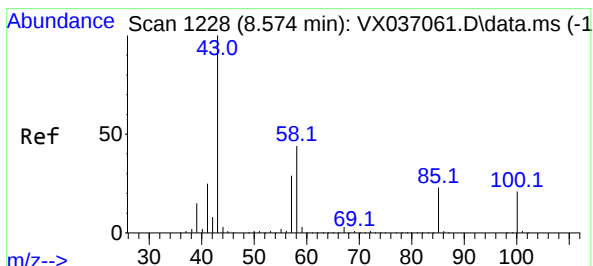
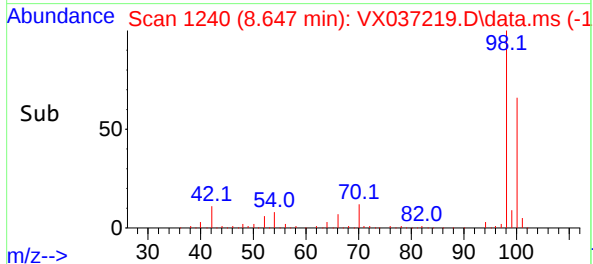
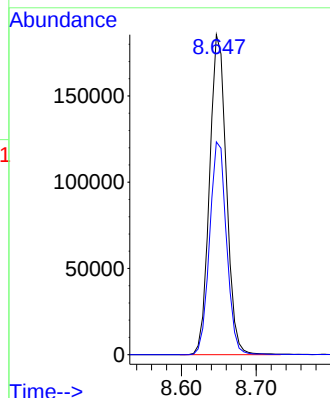
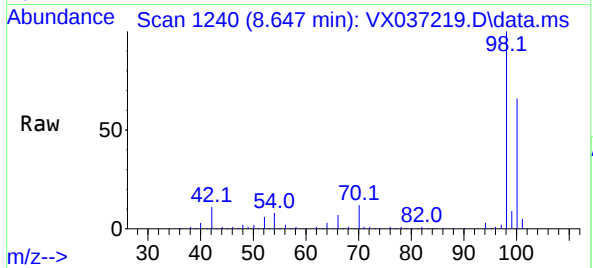




#50
Toluene-d8
Concen: 48.326 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037219.D
Acq: 24 Aug 2023 16:18

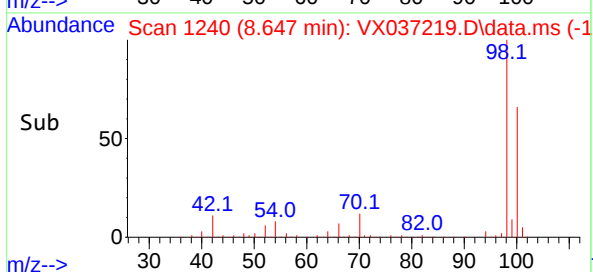
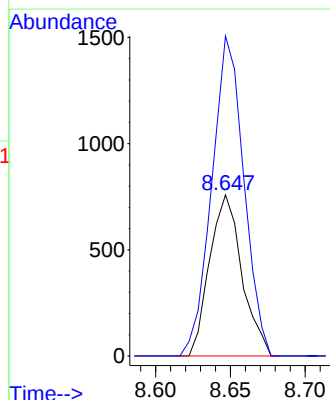
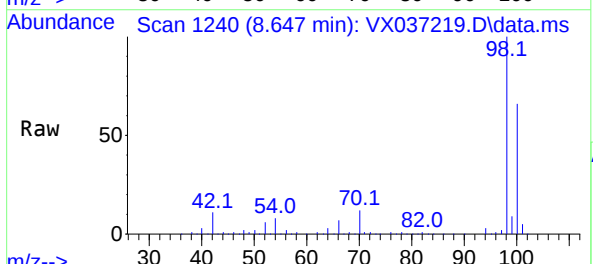
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

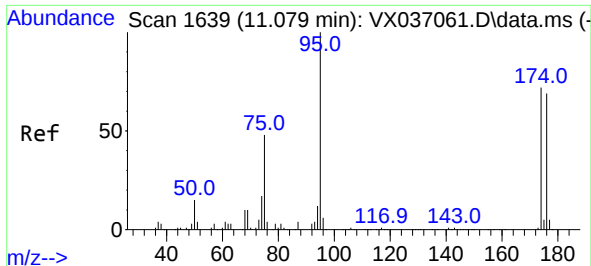
Tgt Ion: 98 Resp: 290635
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.491 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX037219.D
Acq: 24 Aug 2023 16:18

Tgt Ion: 43 Resp: 1138
Ion Ratio Lower Upper
43 100
58 197.5 30.4 45.6#

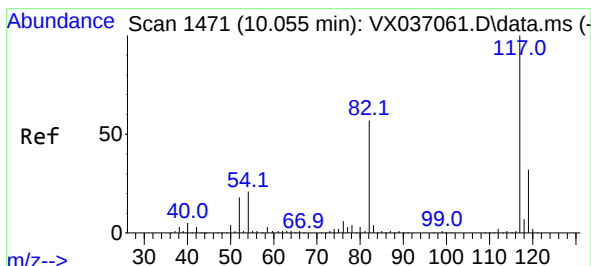
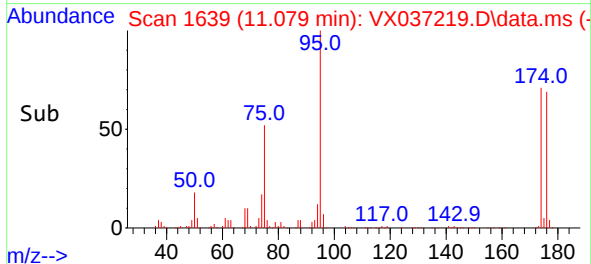
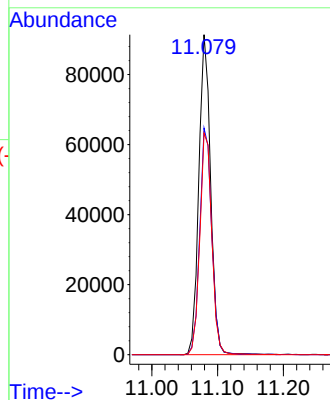
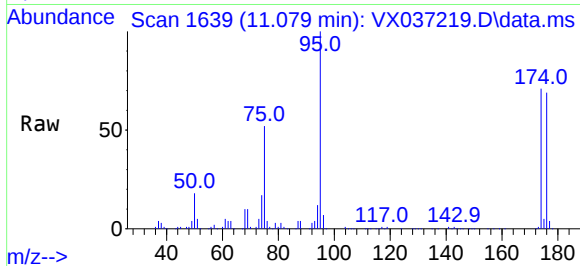




#62
4-Bromofluorobenzene
Concen: 48.064 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX037219.D
Acq: 24 Aug 2023 16:18

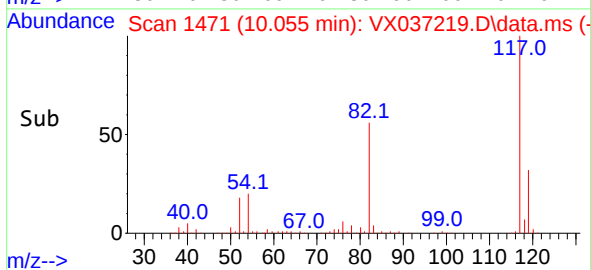
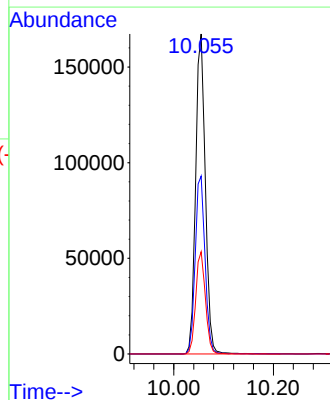
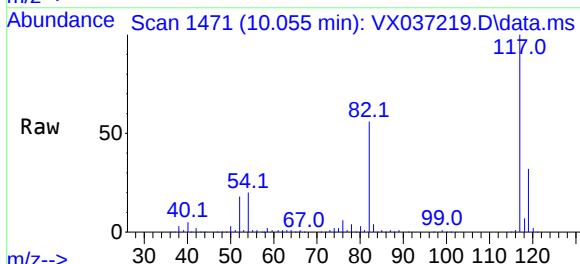
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

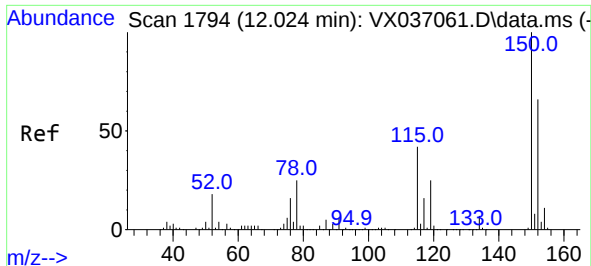
Tgt Ion: 95 Resp: 113595
Ion Ratio Lower Upper
95 100
174 72.3 0.0 135.6
176 70.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037219.D
Acq: 24 Aug 2023 16:18

Tgt Ion: 117 Resp: 225319
Ion Ratio Lower Upper
117 100
82 55.6 46.2 69.4
119 32.0 25.5 38.3

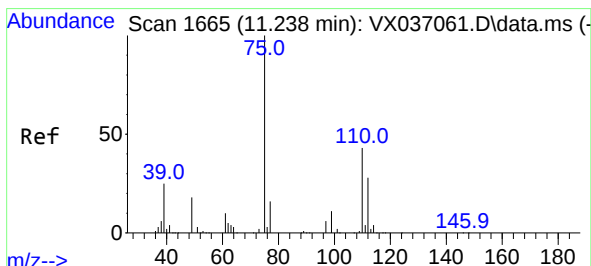
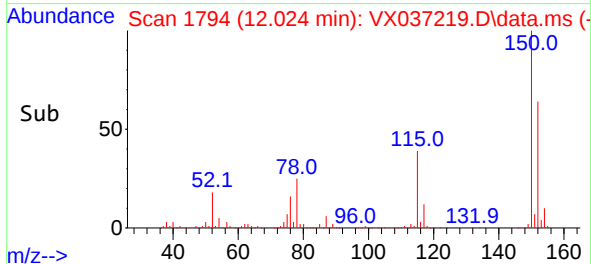
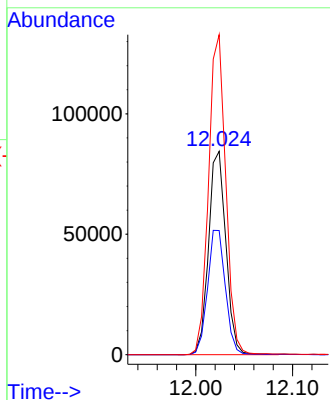
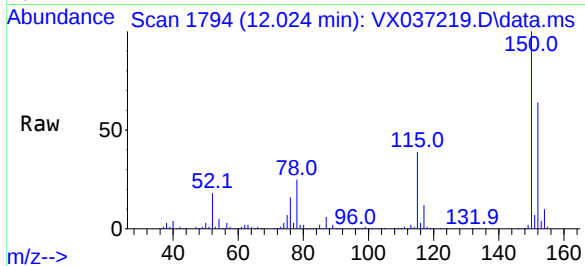




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037219.D
Acq: 24 Aug 2023 16:18

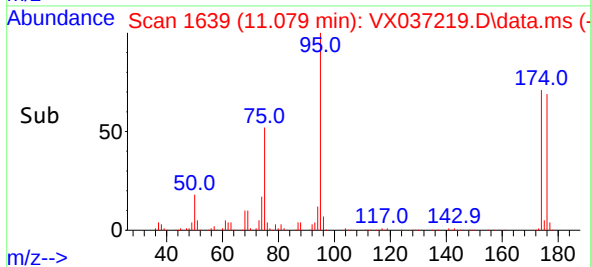
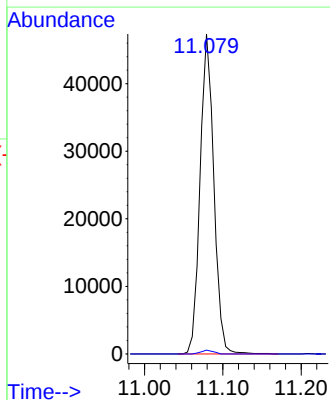
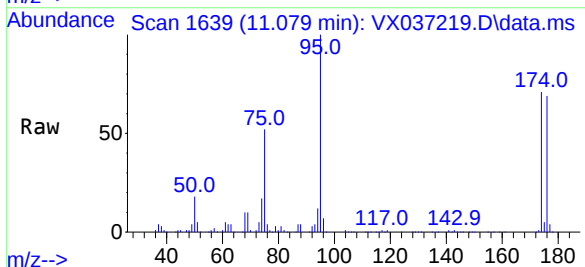
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

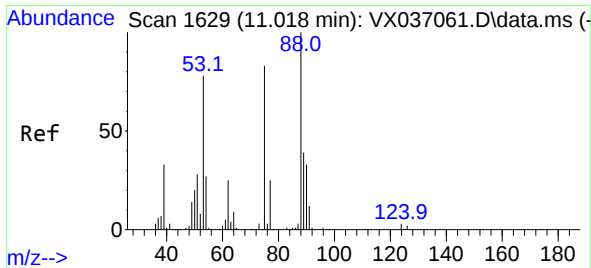
Tgt Ion:152 Resp: 105409
Ion Ratio Lower Upper
152 100
115 63.2 43.3 129.9
150 156.6 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 25.697 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037219.D
Acq: 24 Aug 2023 16:18

Tgt Ion: 75 Resp: 57687
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 71.774 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX037219.D
Acq: 24 Aug 2023 16:18

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

Tgt Ion: 75 Resp: 57687
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

