

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083123\
 Data File : VX037439.D
 Acq On : 31 Aug 2023 18:43
 Operator : JC/MD
 Sample : 04182-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Sep 01 03:15:39 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)

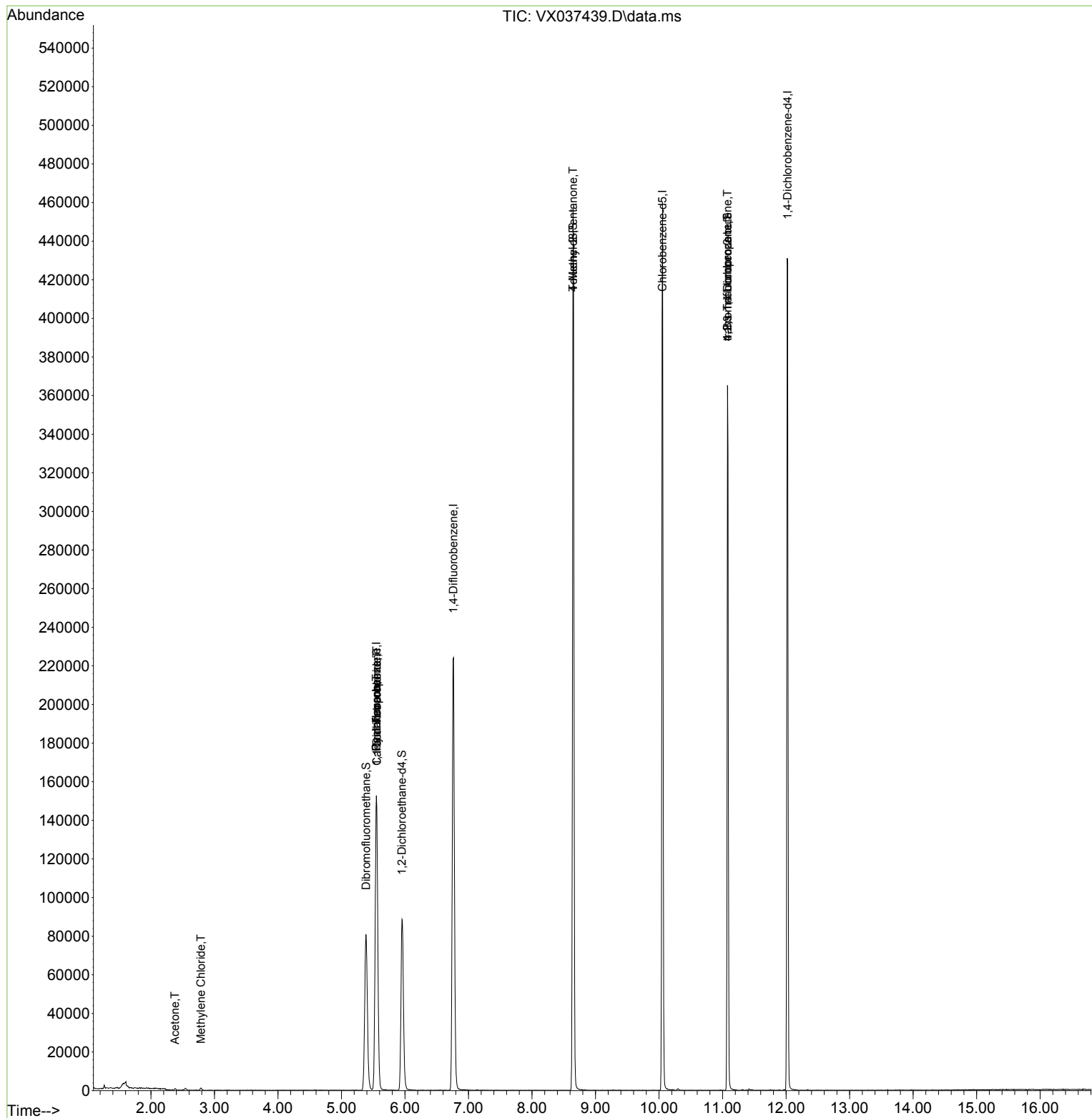
Internal Standards						
1) Pentafluorobenzene	5.550	168	144823	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	241365	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213319	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95606	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89459	42.847	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.700%
35) Dibromofluoromethane	5.385	113	73074	45.714	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.420%
50) Toluene-d8	8.647	98	279852	48.264	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.520%
62) 4-Bromofluorobenzene	11.079	95	103227	45.301	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.600%
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	898	1.099	ug/l	93
20) Methylene Chloride	2.788	84	686	0.376	ug/l #	71
31) Cyclohexane	5.550	56	2798	1.192	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	11200	4.932	ug/l #	51
38) Carbon Tetrachloride	5.556	117	15245	6.180	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1093	0.489	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	49782	24.450	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	49782	68.289	ug/l #	5

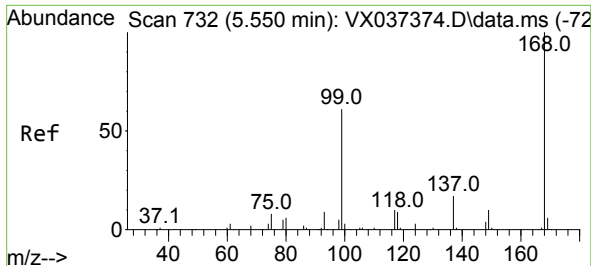
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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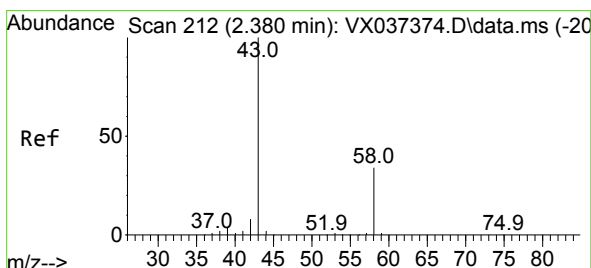
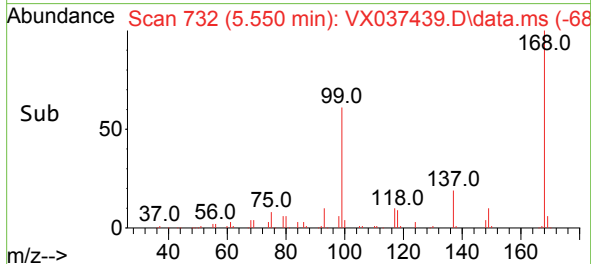
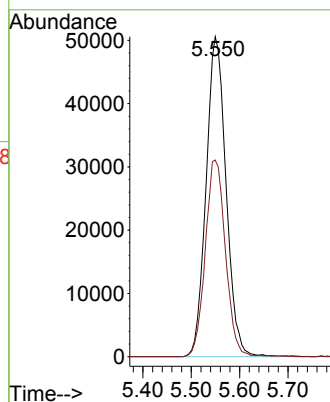
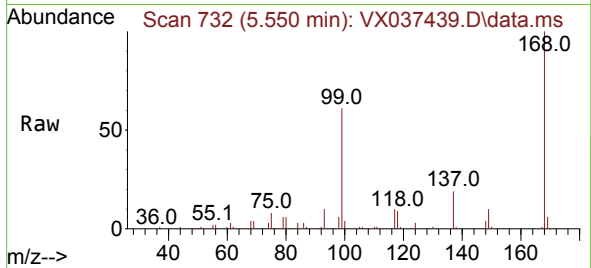




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037439.D
Acq: 31 Aug 2023 18:43

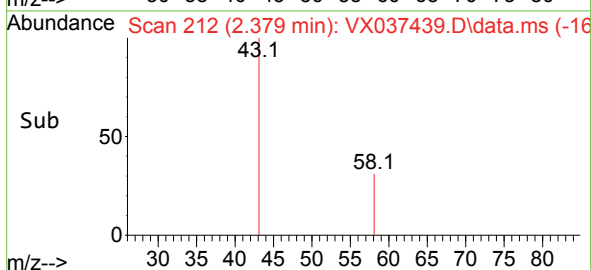
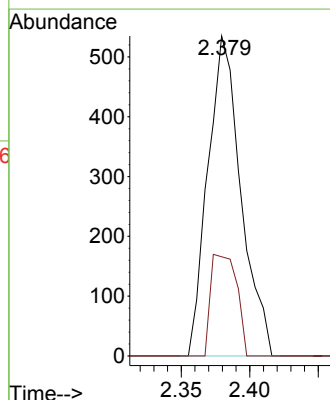
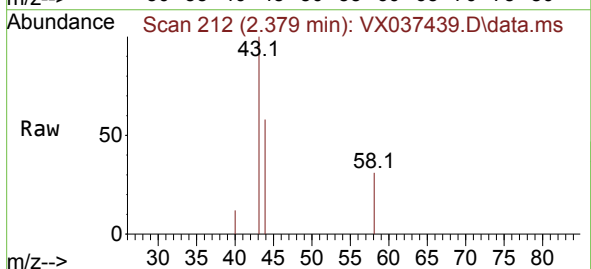
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

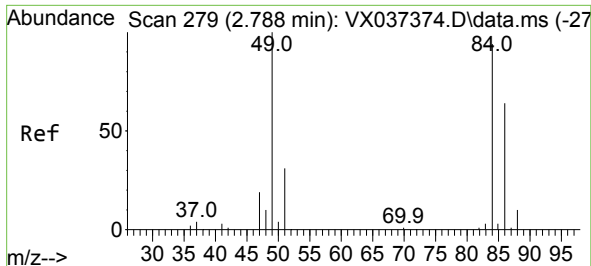
Tgt Ion:168 Resp: 144823
Ion Ratio Lower Upper
168 100
99 61.5 56.6 85.0



#16
Acetone
Concen: 1.099 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037439.D
Acq: 31 Aug 2023 18:43

Tgt Ion: 43 Resp: 898
Ion Ratio Lower Upper
43 100
58 31.0 21.9 32.9

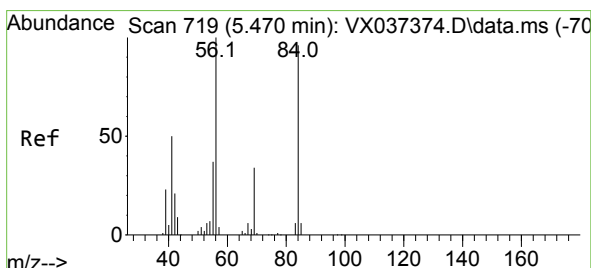
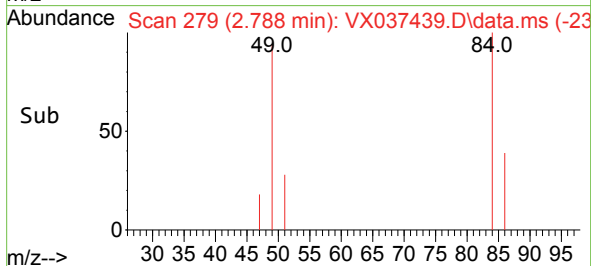
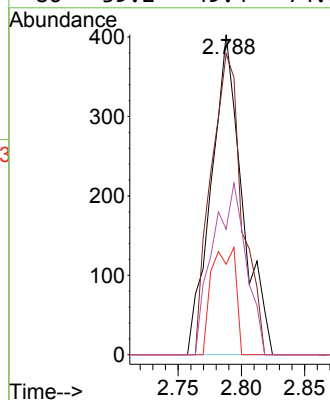
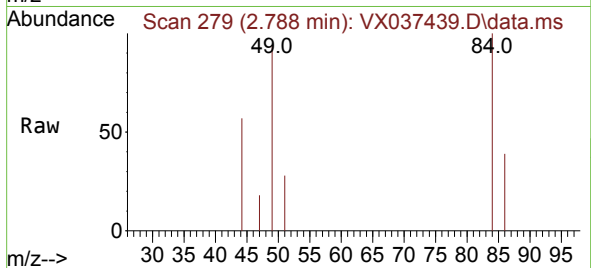




#20
Methylene Chloride
Concen: 0.376 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX037439.D
Acq: 31 Aug 2023 18:43

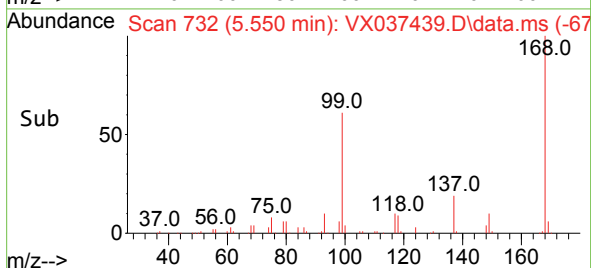
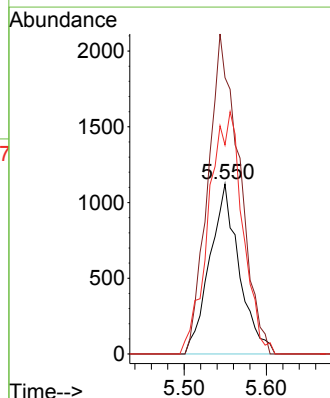
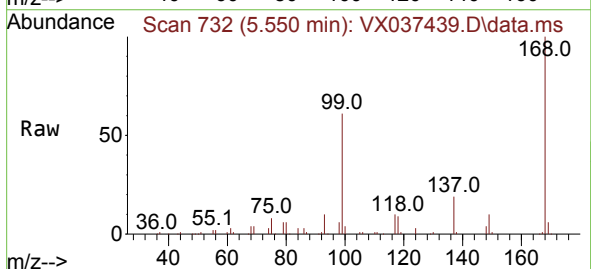
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ClientSampleId :
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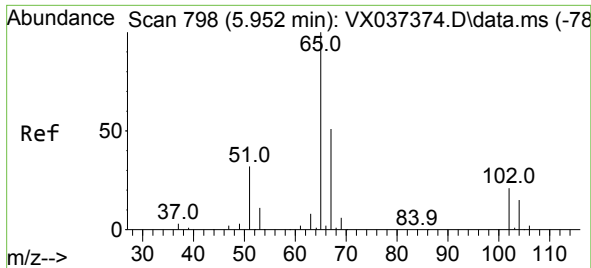
Tgt Ion: 84	Resp: 686
Ion Ratio	Lower Upper
84 100	
49 94.0	103.6 155.4#
51 28.3	33.8 50.6#
86 39.2	49.4 74.0#



#31
Cyclohexane
Concen: 1.192 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX037439.D
Acq: 31 Aug 2023 18:43

Tgt Ion: 56	Resp: 2798
Ion Ratio	Lower Upper
56 100	
69 162.7	23.4 35.2#
84 123.0	65.9 98.9#

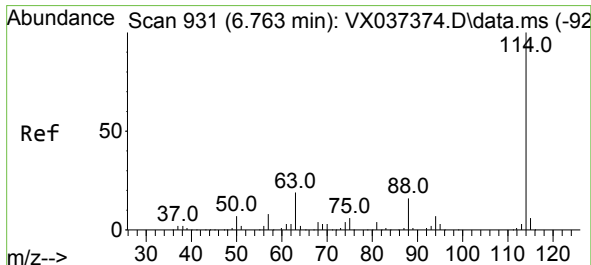
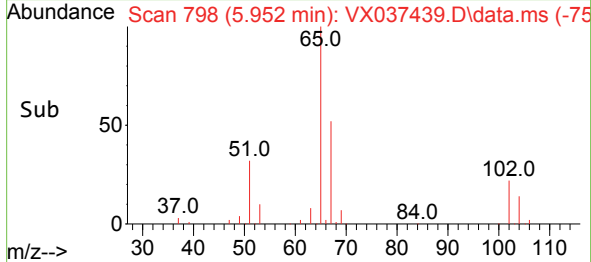
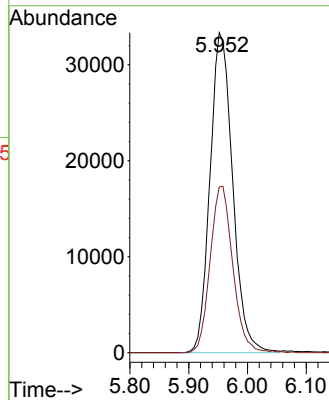
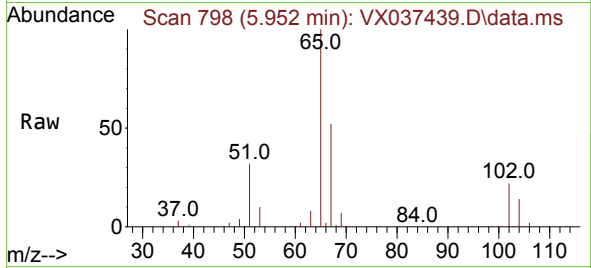




#33
1,2-Dichloroethane-d4
Concen: 42.847 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037439.D
Acq: 31 Aug 2023 18:43

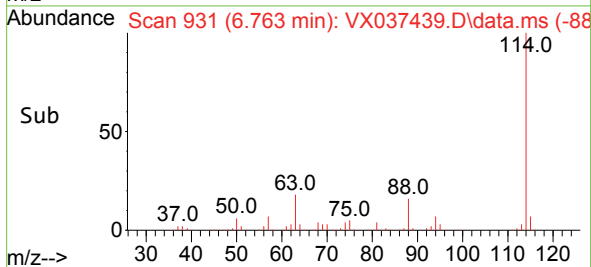
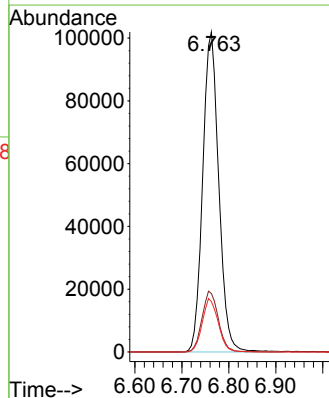
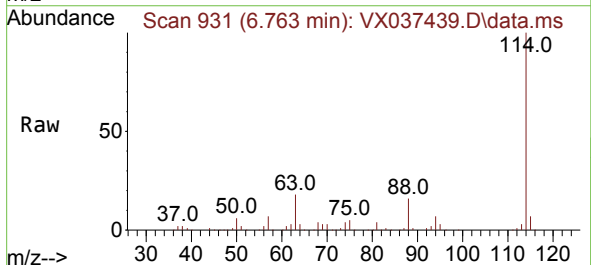
Instrument :
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ClientSampleId :
STORAGE-BLANK-WATER-REF-4

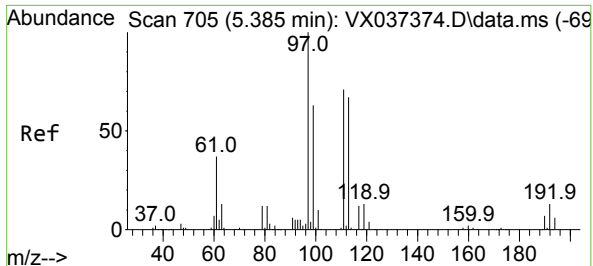
Tgt Ion: 65 Resp: 89459
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX037439.D
Acq: 31 Aug 2023 18:43

Tgt Ion: 114 Resp: 241365
Ion Ratio Lower Upper
114 100
63 18.3 0.0 45.0
88 15.7 0.0 36.6

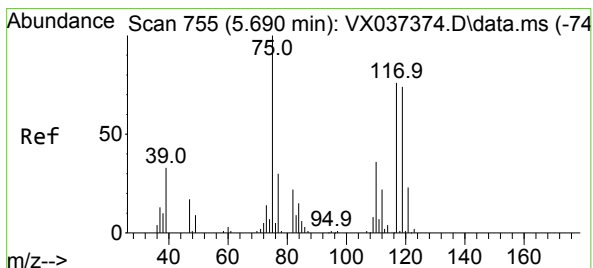
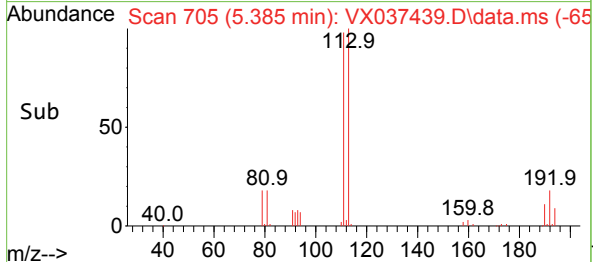
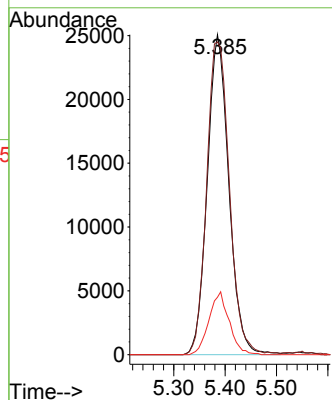
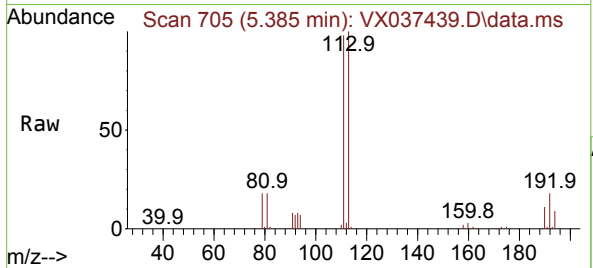




#35
Dibromofluoromethane
Concen: 45.714 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037439.D
Acq: 31 Aug 2023 18:43

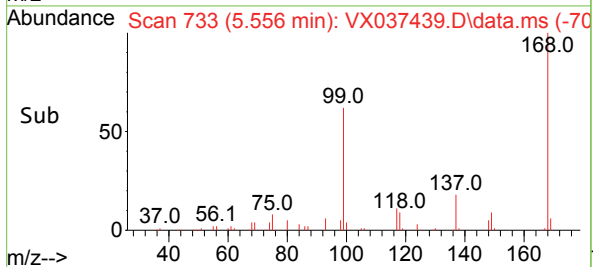
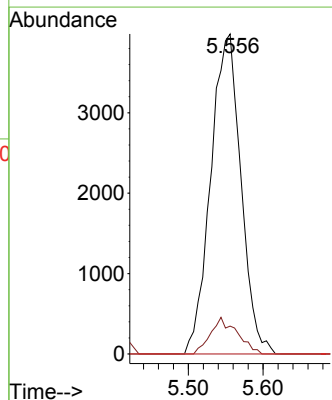
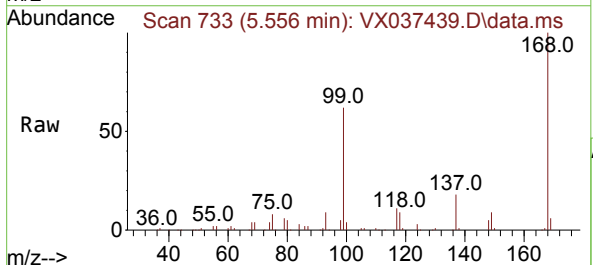
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

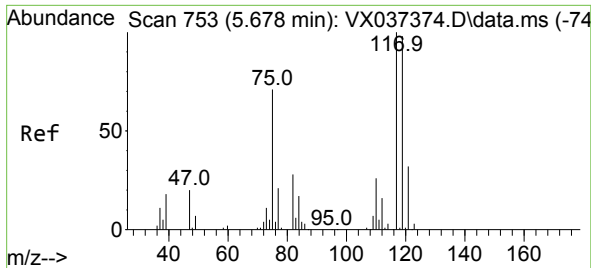
Tgt Ion:113 Resp: 73074
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 18.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.932 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX037439.D
Acq: 31 Aug 2023 18:43

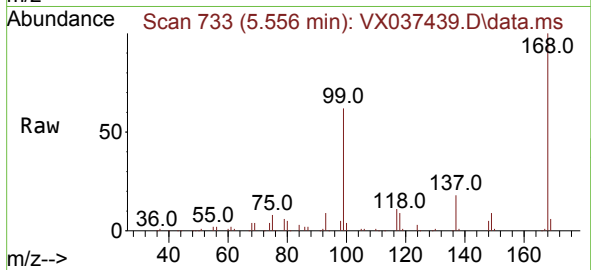
Tgt Ion: 75 Resp: 11200
Ion Ratio Lower Upper
75 100
110 10.1 17.0 50.9#
77 0.0 24.7 37.1#



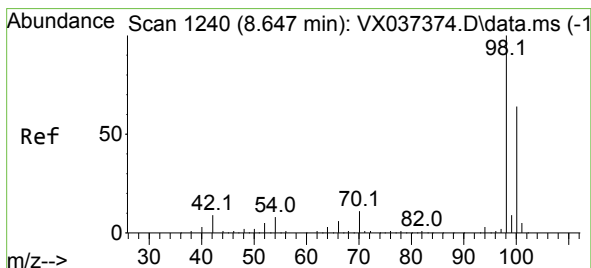
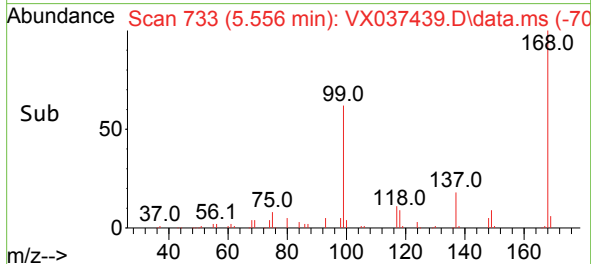
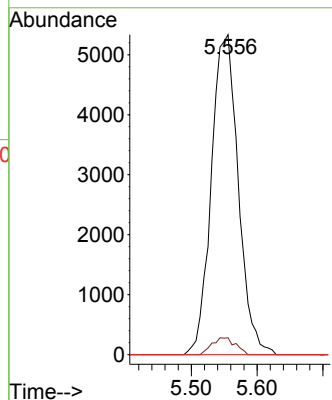


#38
Carbon Tetrachloride
Concen: 6.180 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX037439.D
Acq: 31 Aug 2023 18:43

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

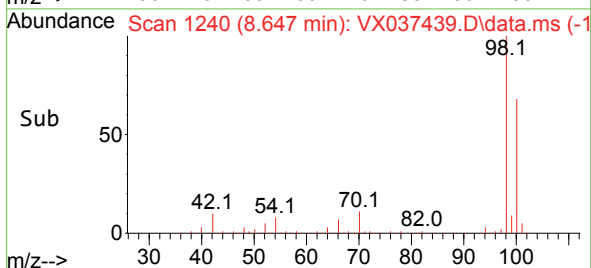
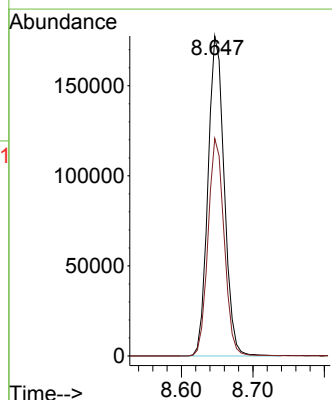
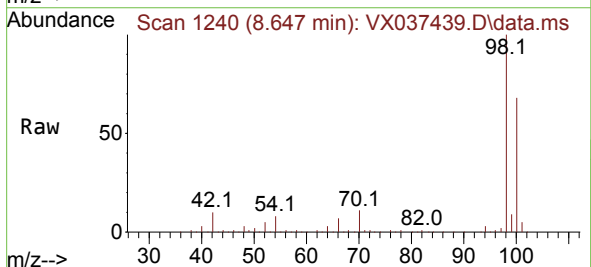


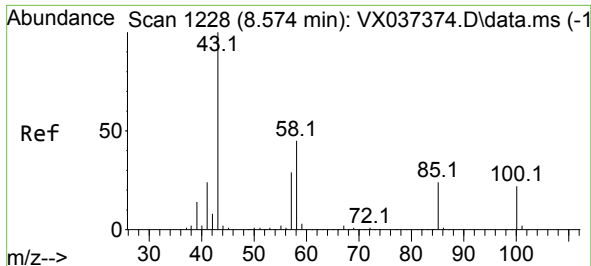
Tgt Ion:117 Resp: 15245
Ion Ratio Lower Upper
117 100
119 5.3 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.264 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037439.D
Acq: 31 Aug 2023 18:43

Tgt Ion: 98 Resp: 279852
Ion Ratio Lower Upper
98 100
100 67.6 53.1 79.7

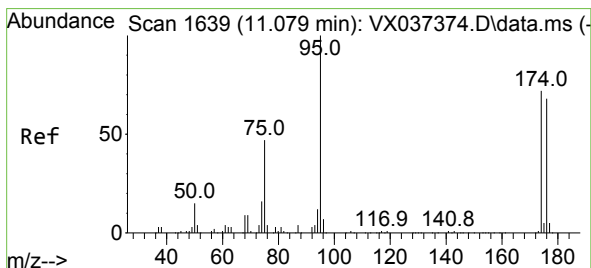
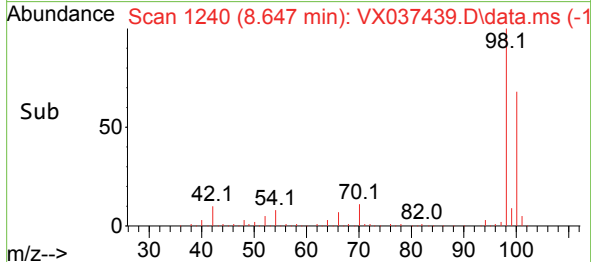
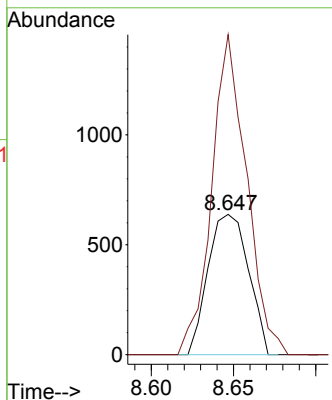
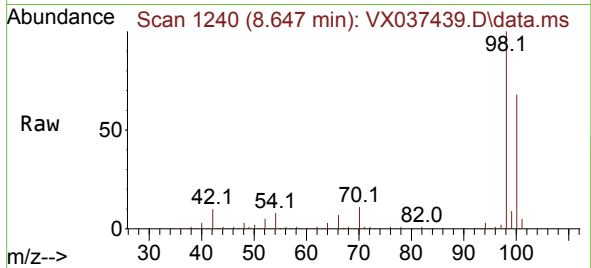




#51
4-Methyl-2-Pentanone
Concen: 0.489 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX037439.D
Acq: 31 Aug 2023 18:43

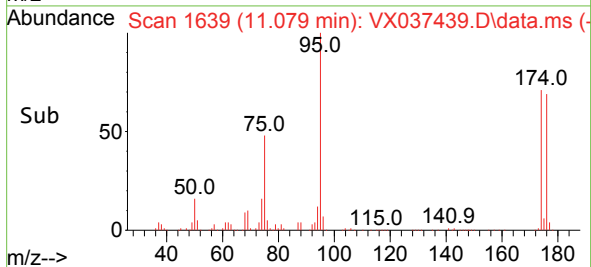
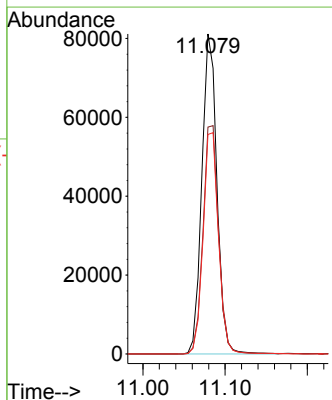
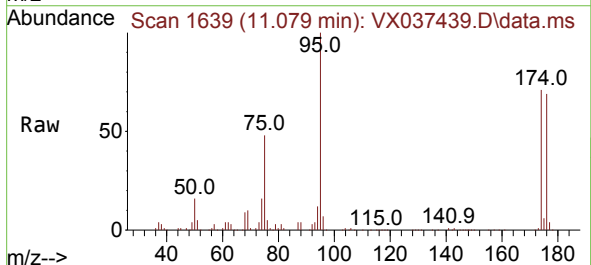
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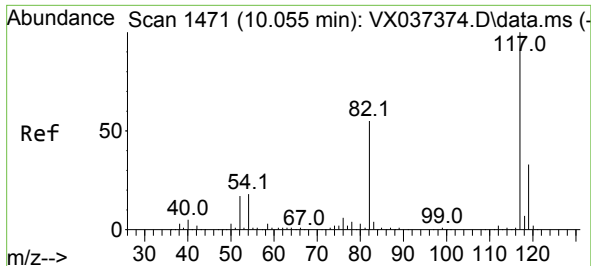
Tgt Ion: 43 Resp: 1093
Ion Ratio Lower Upper
43 100
58 196.3 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 45.301 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037439.D
Acq: 31 Aug 2023 18:43

Tgt Ion: 95 Resp: 103227
Ion Ratio Lower Upper
95 100
174 73.8 0.0 135.6
176 70.9 0.0 131.0

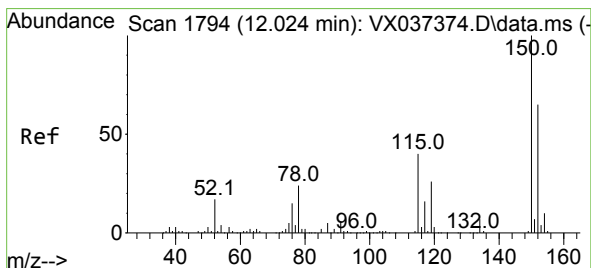
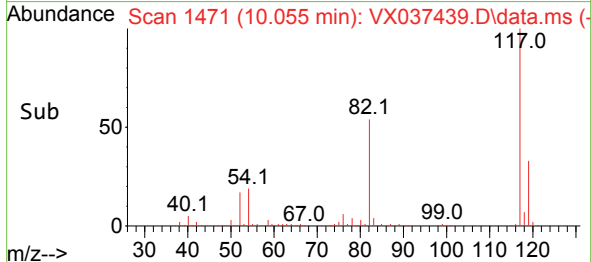
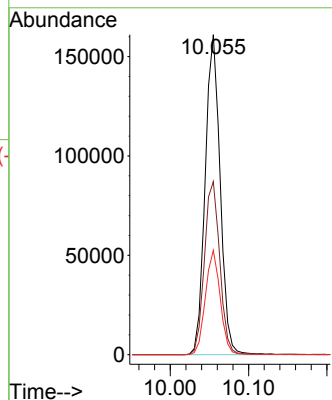
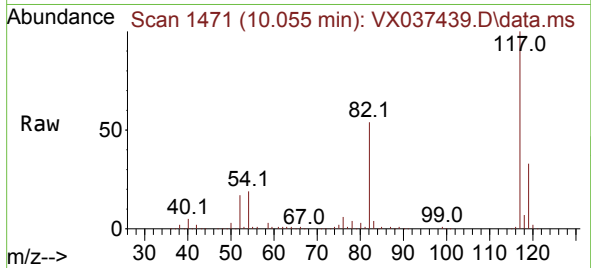




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037439.D
Acq: 31 Aug 2023 18:43

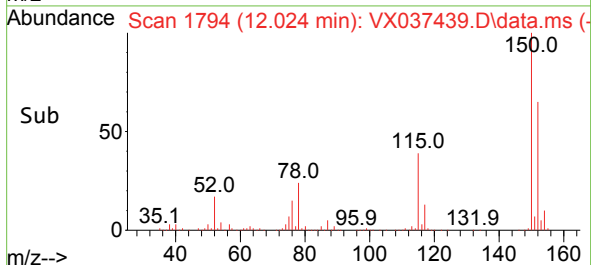
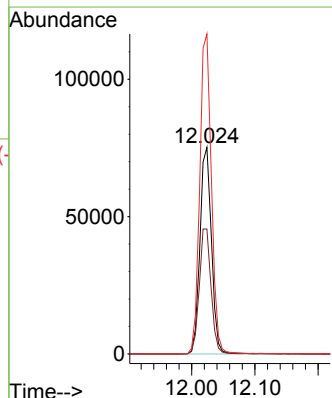
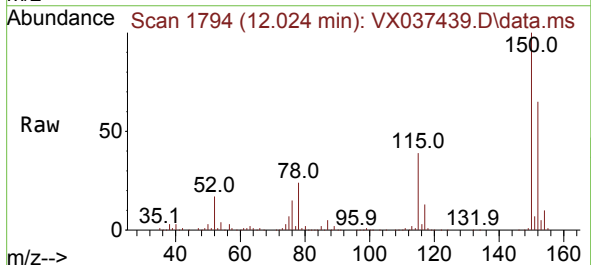
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

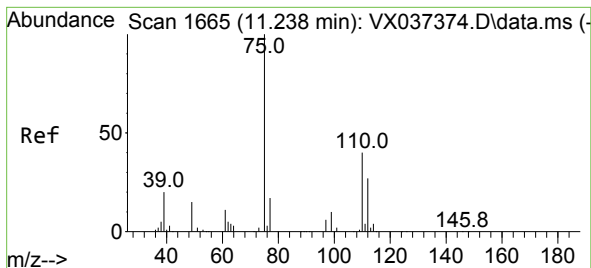
Tgt Ion:117 Resp: 213319
Ion Ratio Lower Upper
117 100
82 54.1 46.2 69.4
119 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037439.D
Acq: 31 Aug 2023 18:43

Tgt Ion:152 Resp: 95606
Ion Ratio Lower Upper
152 100
115 61.8 43.3 129.9
150 156.4 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.450 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037439.D

Acq: 31 Aug 2023 18:43

Instrument :

MSVOA_X

ClientSampleId :

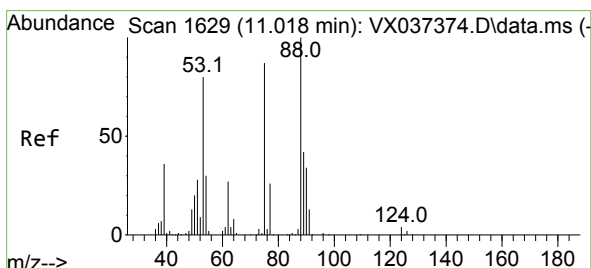
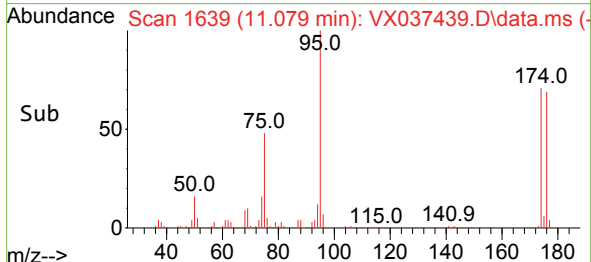
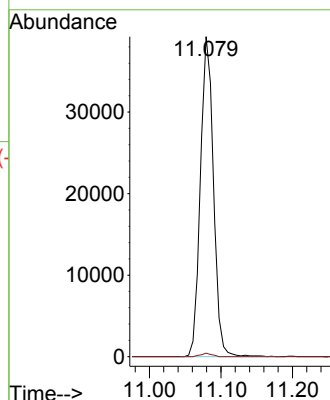
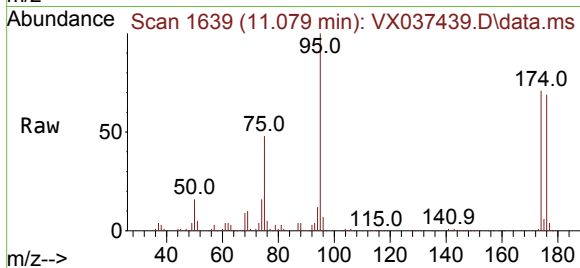
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 75 Resp: 49782

Ion Ratio Lower Upper

75 100

77 0.9 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 68.289 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037439.D

Acq: 31 Aug 2023 18:43

Tgt Ion: 75 Resp: 49782

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

