

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037218.D
 Acq On : 24 Aug 2023 15:54
 Operator : JC/MD
 Sample : 04081-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Aug 24 23:39:18 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	142536	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	239237	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215086	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98190	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90666	44.122	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.240%
35) Dibromofluoromethane	5.385	113	71887	45.371	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.740%
50) Toluene-d8	8.647	98	276581	48.124	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.240%
62) 4-Bromofluorobenzene	11.079	95	107559	47.622	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.240%

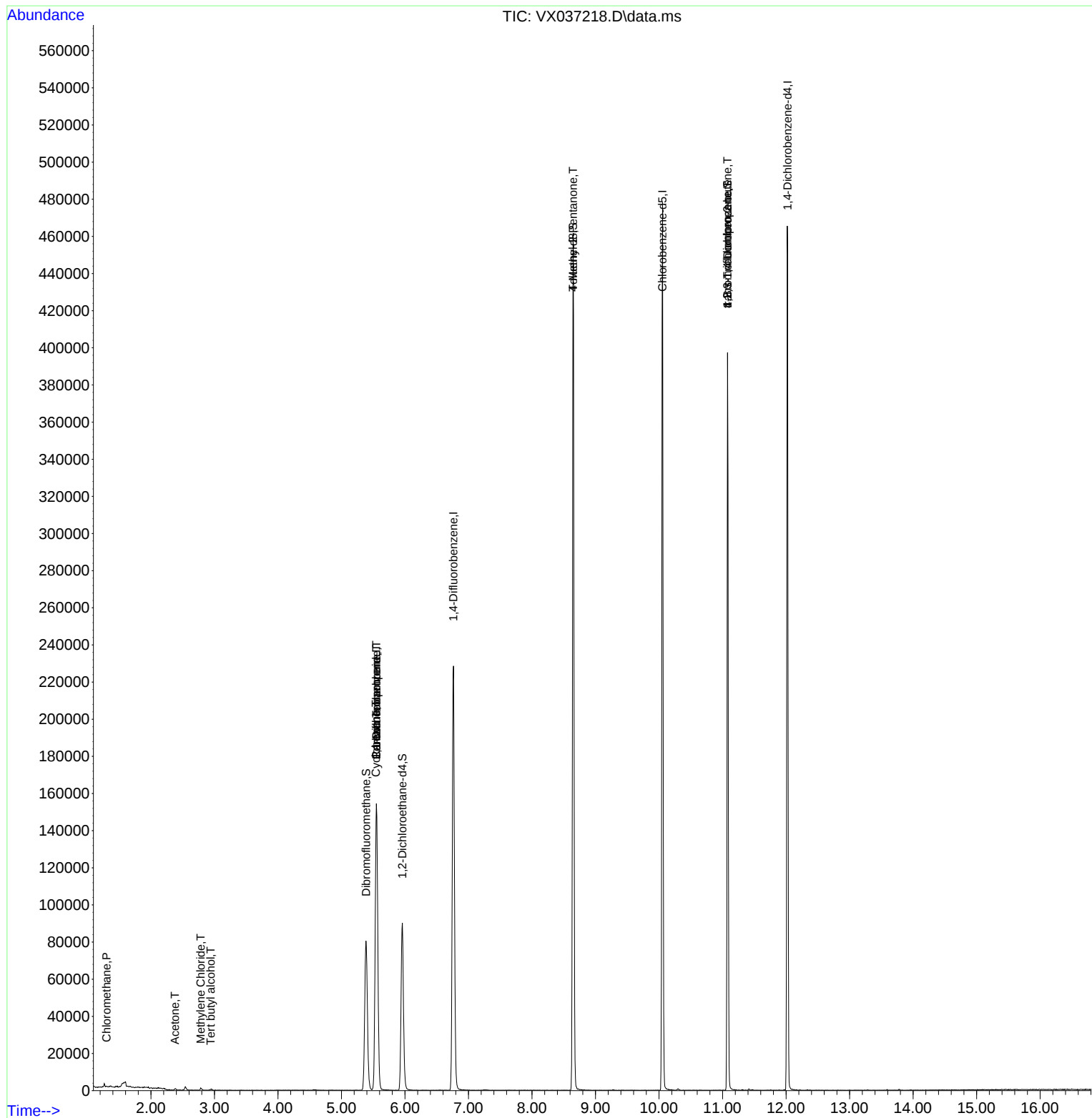
Target Compounds			Qvalue			
3) Chloromethane	1.300	50	305	0.211	ug/l #	43
11) Tert butyl alcohol	2.940	59	394	0.817	ug/l #	78
16) Acetone	2.380	43	1006	1.251	ug/l	97
20) Methylene Chloride	2.782	84	599	0.333	ug/l	90
31) Cyclohexane	5.544	56	2971	1.286	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11416	5.071	ug/l #	51
38) Carbon Tetrachloride	5.550	117	15720	6.429	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1145	0.517	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	55294	26.442	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	55294	73.854	ug/l #	5

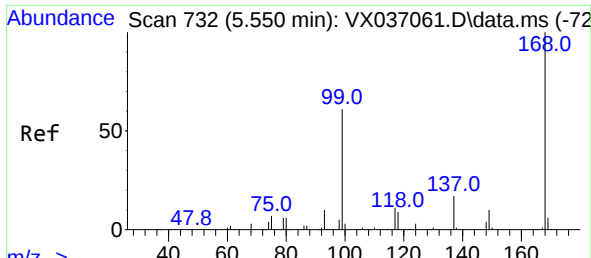
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration

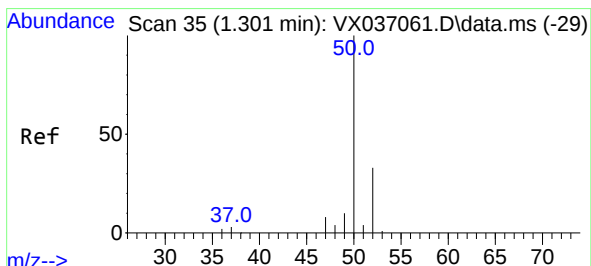
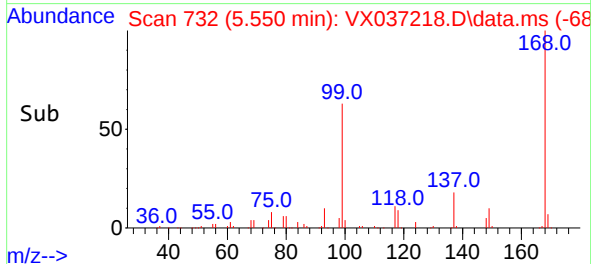
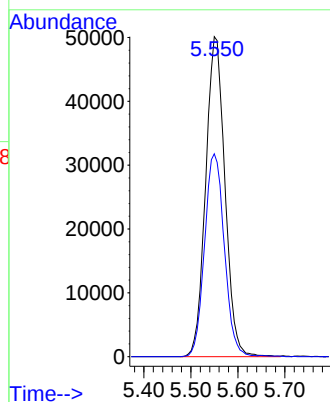
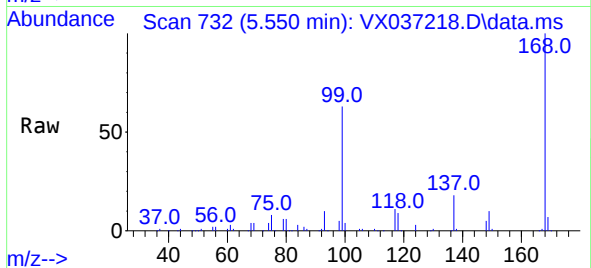




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037218.D
Acq: 24 Aug 2023 15:54

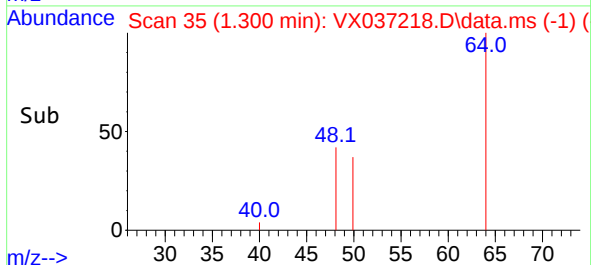
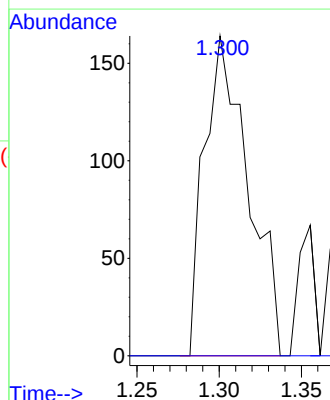
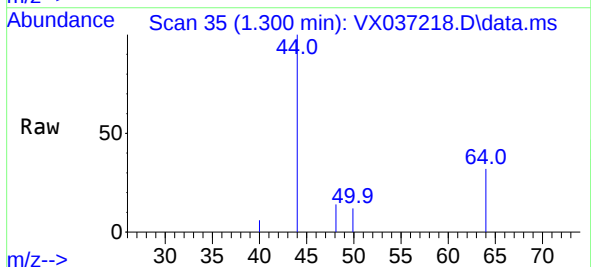
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

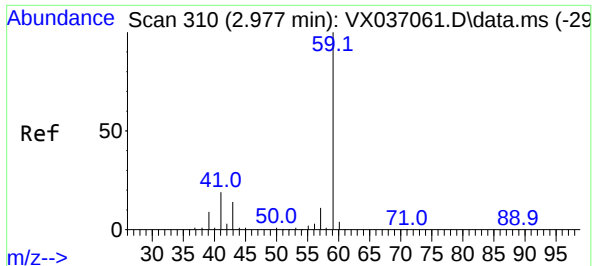
Tgt Ion:168 Resp: 142536
Ion Ratio Lower Upper
168 100
99 63.4 56.6 85.0



#3
Chloromethane
Concen: 0.211 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX037218.D
Acq: 24 Aug 2023 15:54

Tgt Ion: 50 Resp: 305
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#





#11

Tert butyl alcohol

Concen: 0.817 ug/l

RT: 2.940 min Scan# 30

Delta R.T. -0.037 min

Lab File: VX037218.D

Acq: 24 Aug 2023 15:54

Instrument :

MSVOA_X

ClientSampleId :

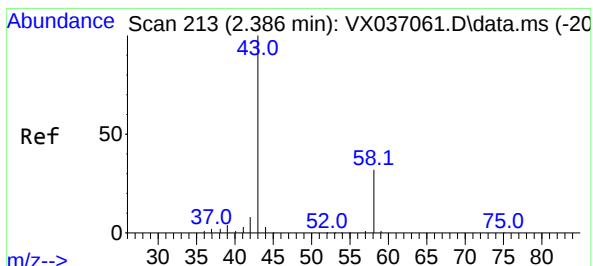
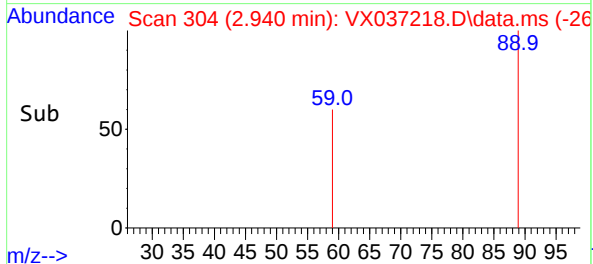
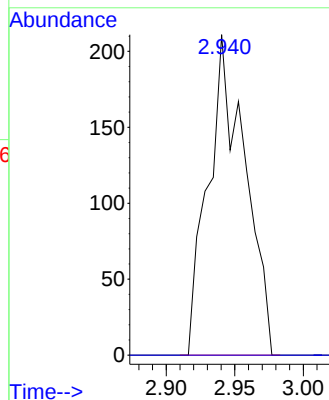
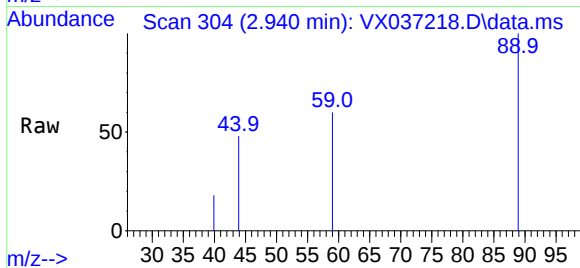
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 59 Resp: 394

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 1.251 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX037218.D

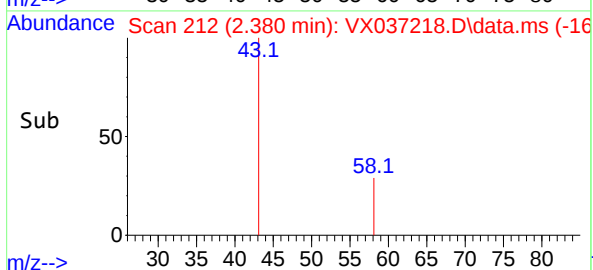
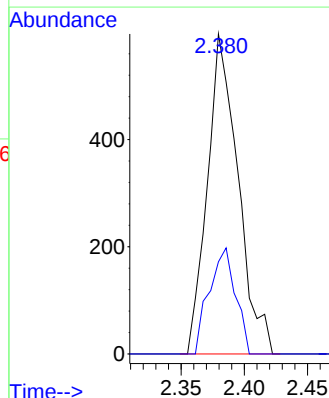
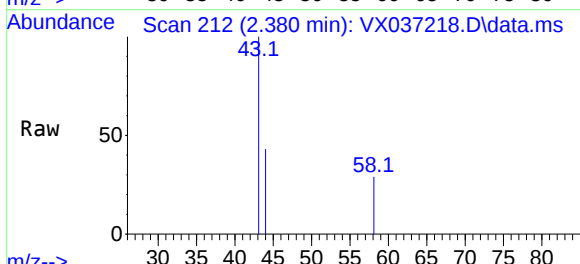
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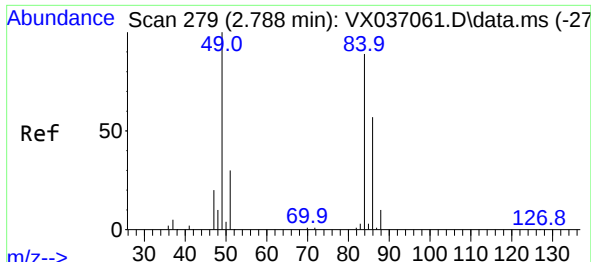
Tgt Ion: 43 Resp: 1006

Ion Ratio Lower Upper

43 100

58 28.8 21.9 32.9



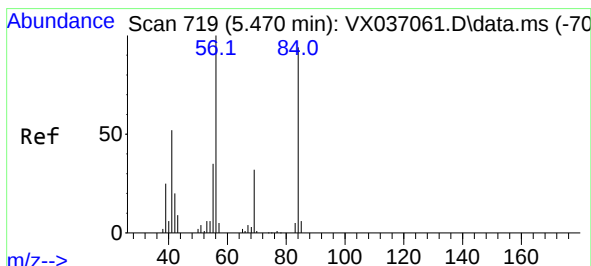
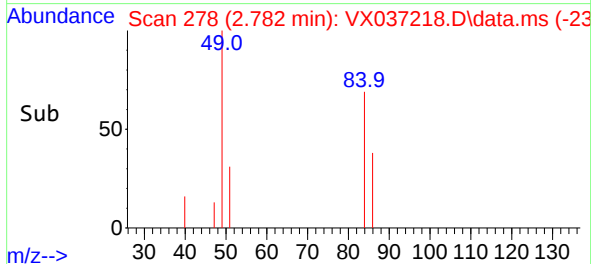
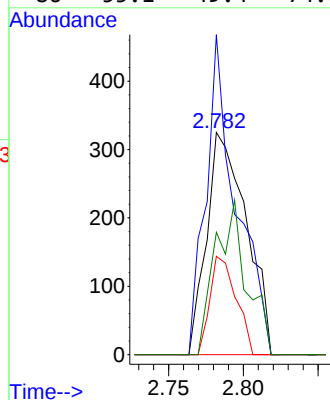
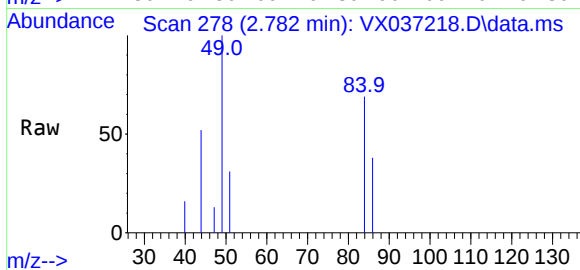


#20
Methylene Chloride
Concen: 0.333 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX037218.D
Acq: 24 Aug 2023 15:54

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

Tgt Ion: 84 Resp: 599

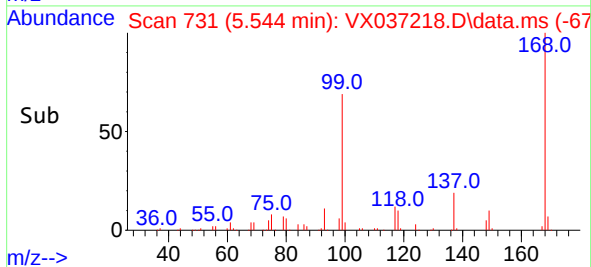
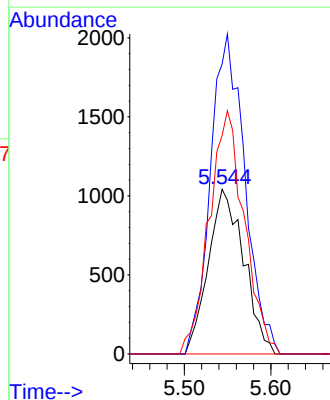
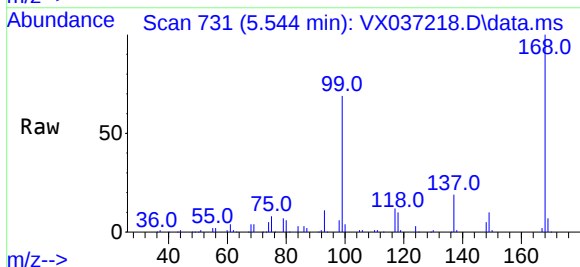
Ion	Ratio	Lower	Upper
84	100		
49	144.0	103.6	155.4
51	44.3	33.8	50.6
86	55.1	49.4	74.0

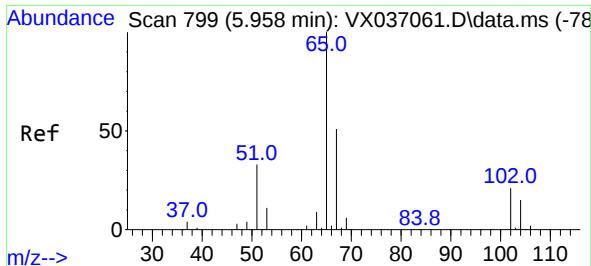


#31
Cyclohexane
Concen: 1.286 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX037218.D
Acq: 24 Aug 2023 15:54

Tgt Ion: 56 Resp: 2971

Ion	Ratio	Lower	Upper
56	100		
69	176.1	23.4	35.2#
84	132.6	65.9	98.9#

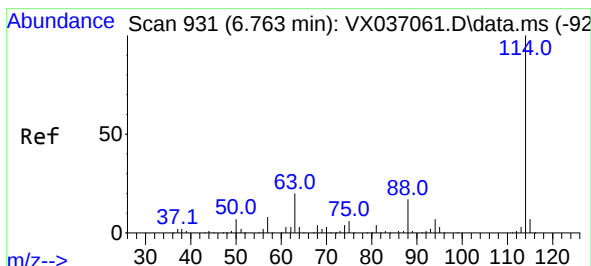
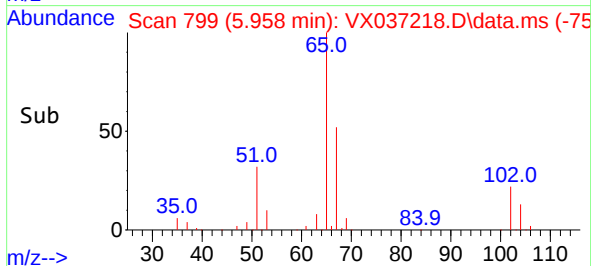
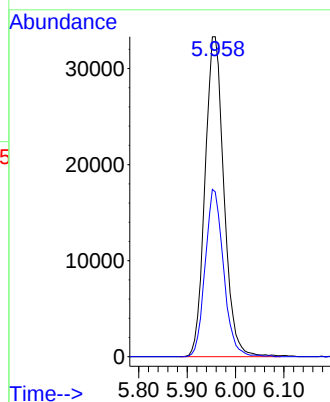
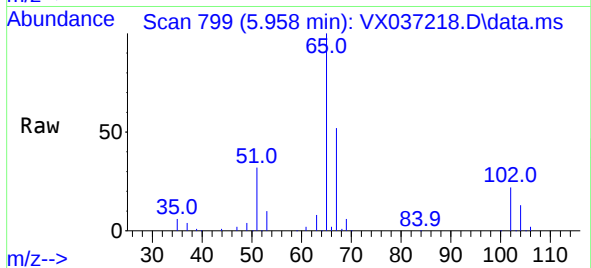




#33
1,2-Dichloroethane-d4
Concen: 44.122 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037218.D
Acq: 24 Aug 2023 15:54

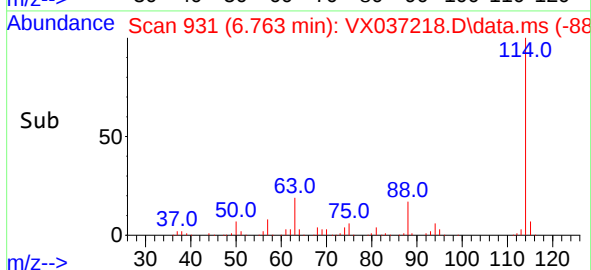
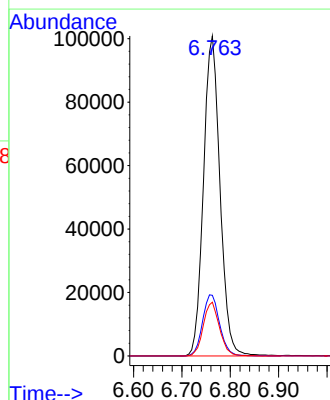
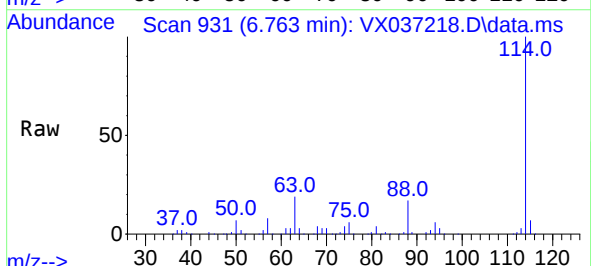
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

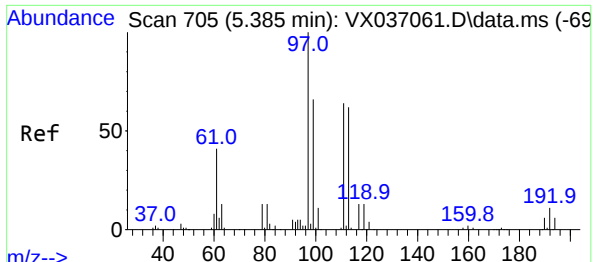
Tgt Ion: 65 Resp: 90666
Ion Ratio Lower Upper
65 100
67 50.8 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX037218.D
Acq: 24 Aug 2023 15:54

Tgt Ion:114 Resp: 239237
Ion Ratio Lower Upper
114 100
63 18.9 0.0 45.0
88 16.8 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.371 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX037218.D

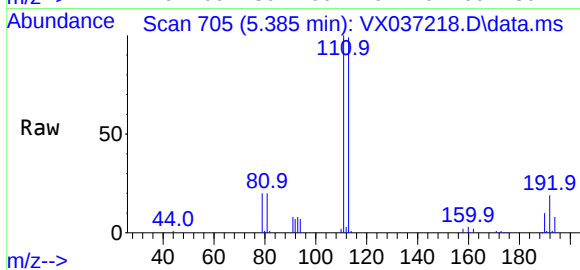
Acq: 24 Aug 2023 15:54

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5



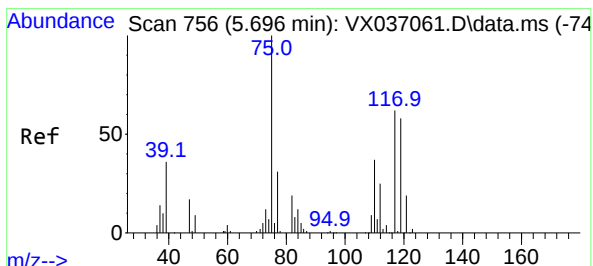
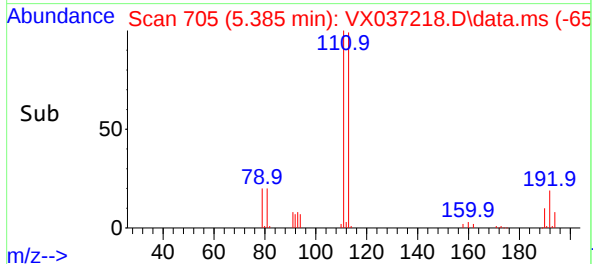
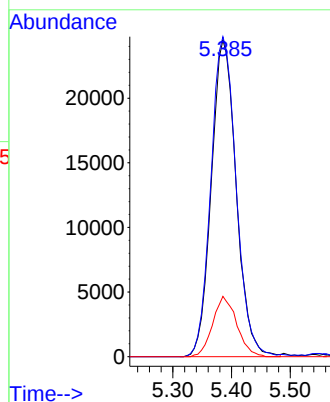
Tgt Ion:113 Resp: 71887

Ion Ratio Lower Upper

113 100

111 102.8 82.9 124.3

192 18.5 13.3 19.9



#36

1,1-Dichloropropene

Concen: 5.071 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX037218.D

Acq: 24 Aug 2023 15:54

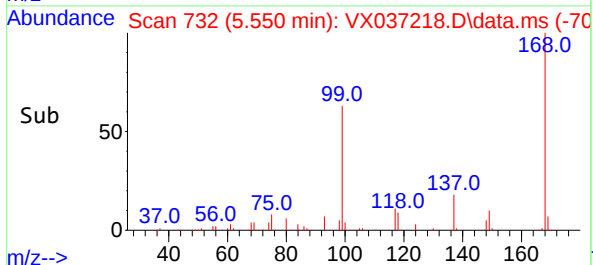
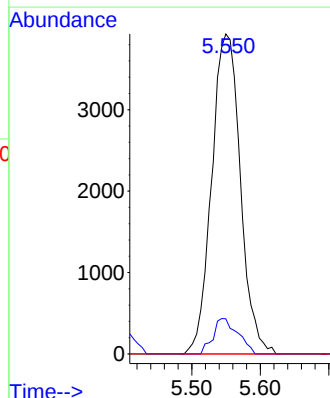
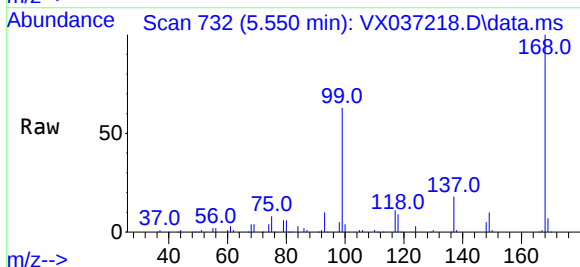
Tgt Ion: 75 Resp: 11416

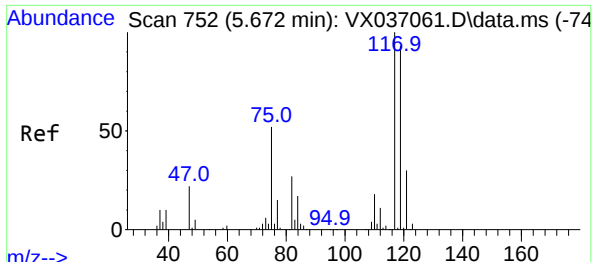
Ion Ratio Lower Upper

75 100

110 9.5 17.0 50.9#

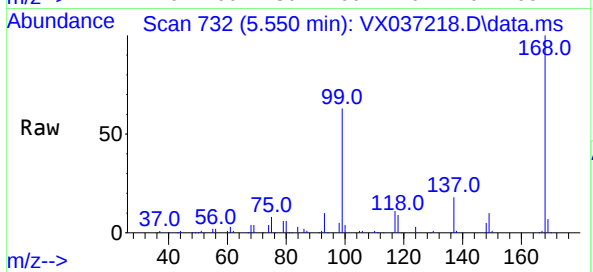
77 0.0 24.7 37.1#



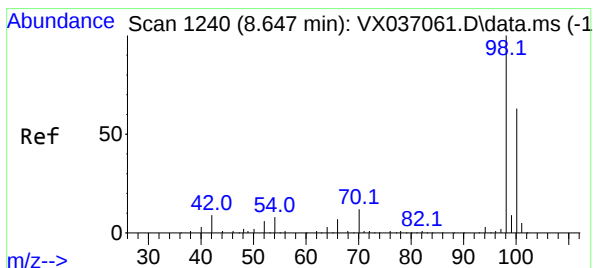
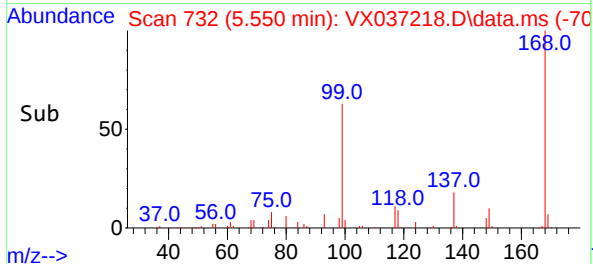
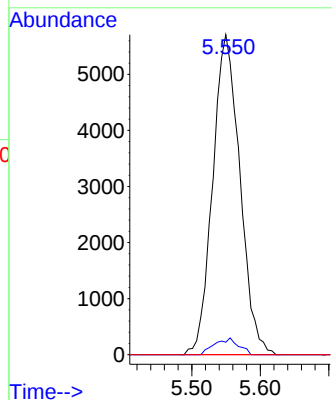


#38
Carbon Tetrachloride
Concen: 6.429 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037218.D
Acq: 24 Aug 2023 15:54

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

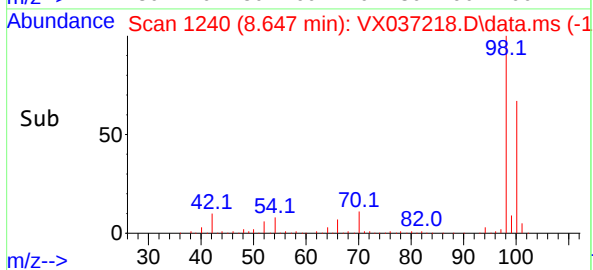
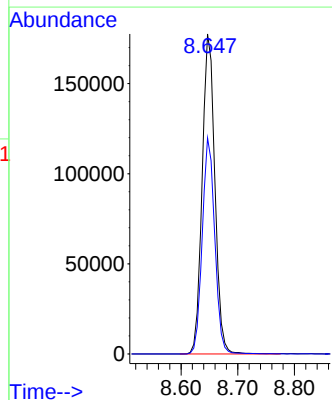
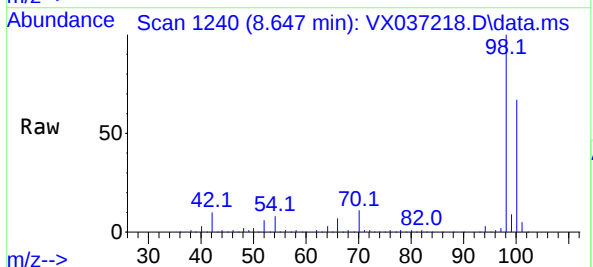


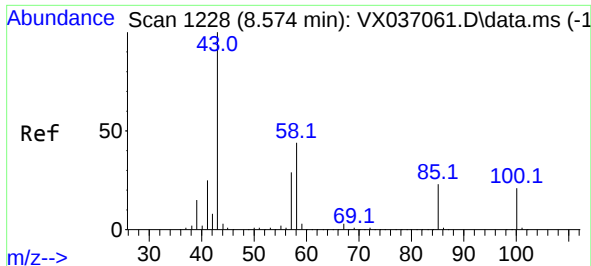
Tgt Ion:117 Resp: 15720
Ion Ratio Lower Upper
117 100
119 3.9 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.124 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037218.D
Acq: 24 Aug 2023 15:54

Tgt Ion: 98 Resp: 276581
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7

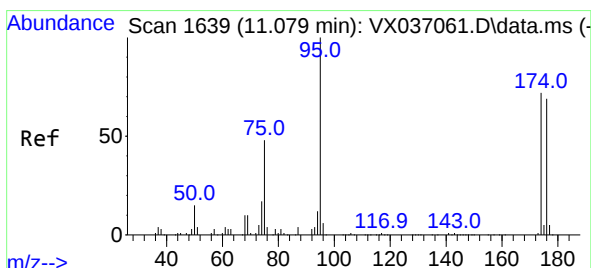
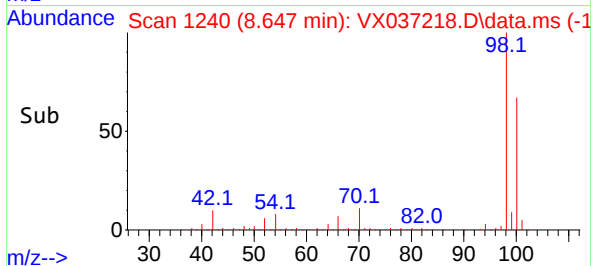
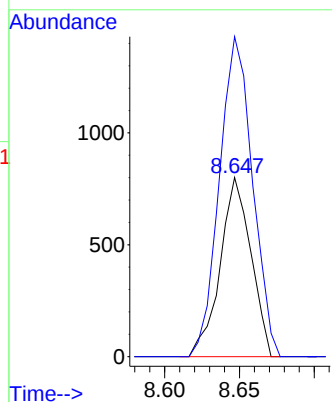
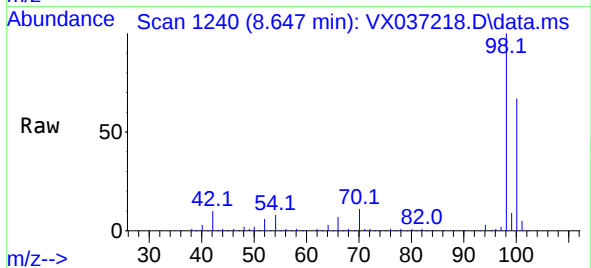




#51
4-Methyl-2-Pentanone
Concen: 0.517 ug/l
RT: 8.647 min Scan# 1145
Delta R.T. 0.073 min
Lab File: VX037218.D
Acq: 24 Aug 2023 15:54

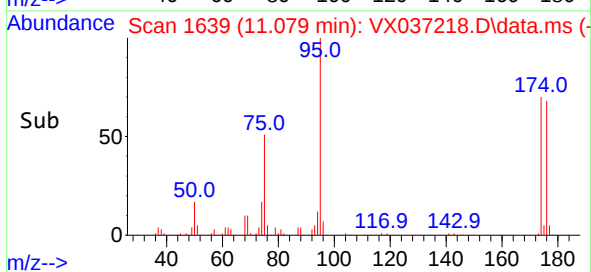
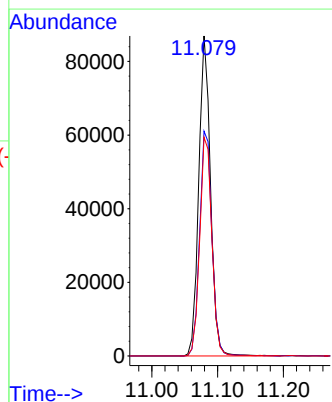
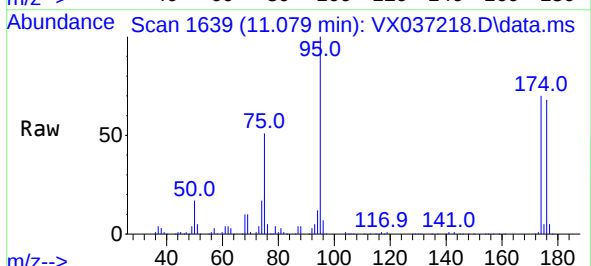
Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-WATER-REF-5

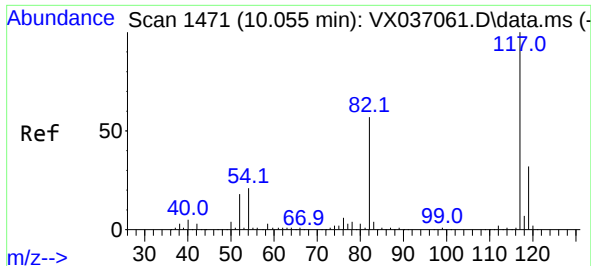
Tgt Ion: 43 Resp: 1145
Ion Ratio Lower Upper
43 100
58 192.4 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 47.622 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037218.D
Acq: 24 Aug 2023 15:54

Tgt Ion: 95 Resp: 107559
Ion Ratio Lower Upper
95 100
174 73.7 0.0 135.6
176 70.9 0.0 131.0

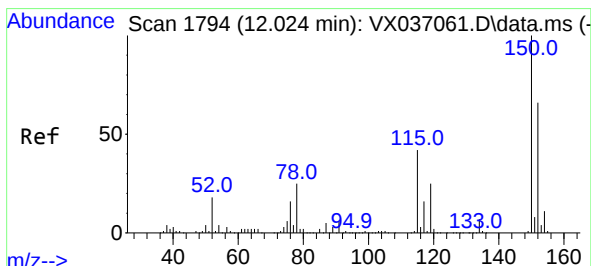
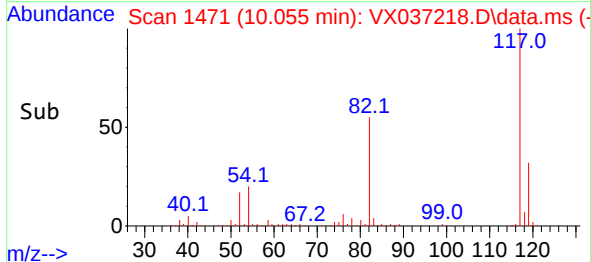
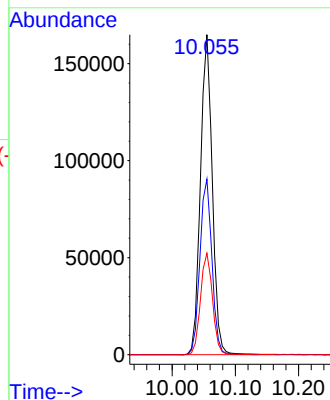
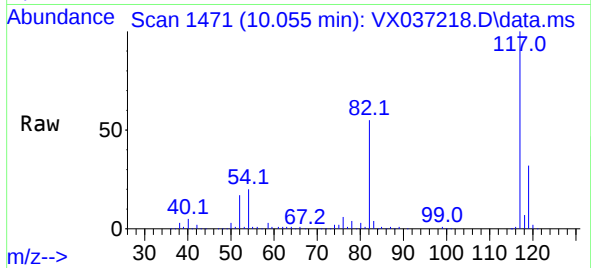




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037218.D
Acq: 24 Aug 2023 15:54

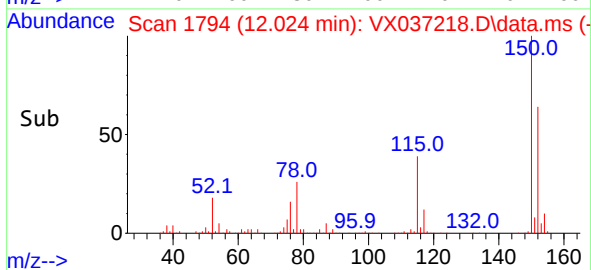
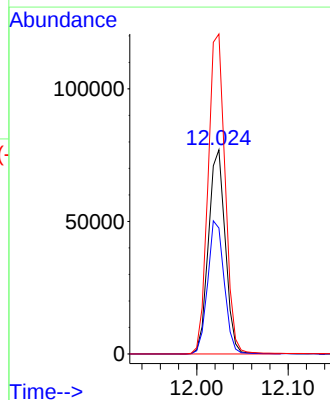
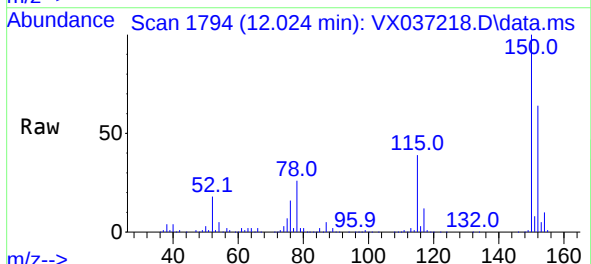
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

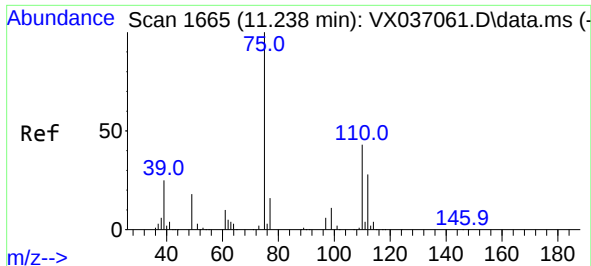
Tgt Ion:117 Resp: 215086
Ion Ratio Lower Upper
117 100
82 54.8 46.2 69.4
119 31.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037218.D
Acq: 24 Aug 2023 15:54

Tgt Ion:152 Resp: 98190
Ion Ratio Lower Upper
152 100
115 64.3 43.3 129.9
150 159.9 0.0 345.0

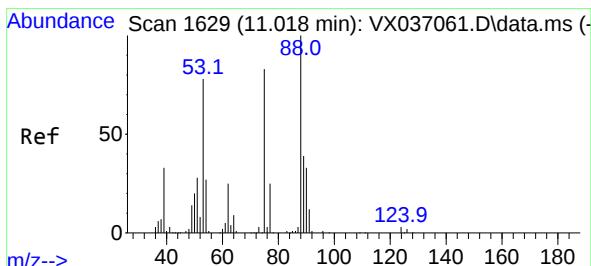
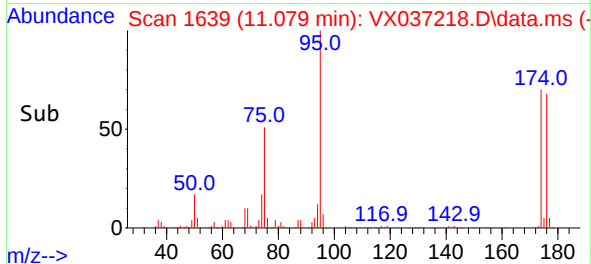
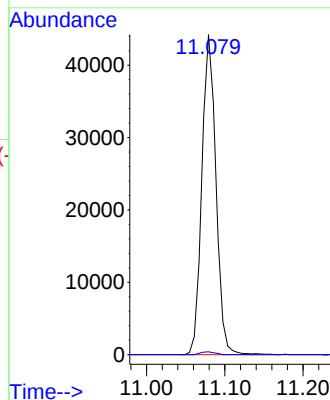
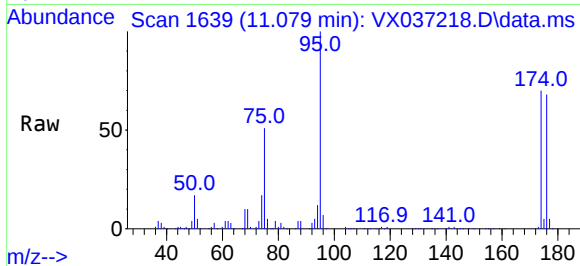




#76
1,2,3-Trichloropropane
Concen: 26.442 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037218.D
Acq: 24 Aug 2023 15:54

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

Tgt Ion: 75 Resp: 55294
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.854 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037218.D
Acq: 24 Aug 2023 15:54

Tgt Ion: 75 Resp: 55294
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

