

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037220.D
 Acq On : 24 Aug 2023 16:42
 Operator : JC/MD
 Sample : 04081-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Aug 24 23:39:37 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)

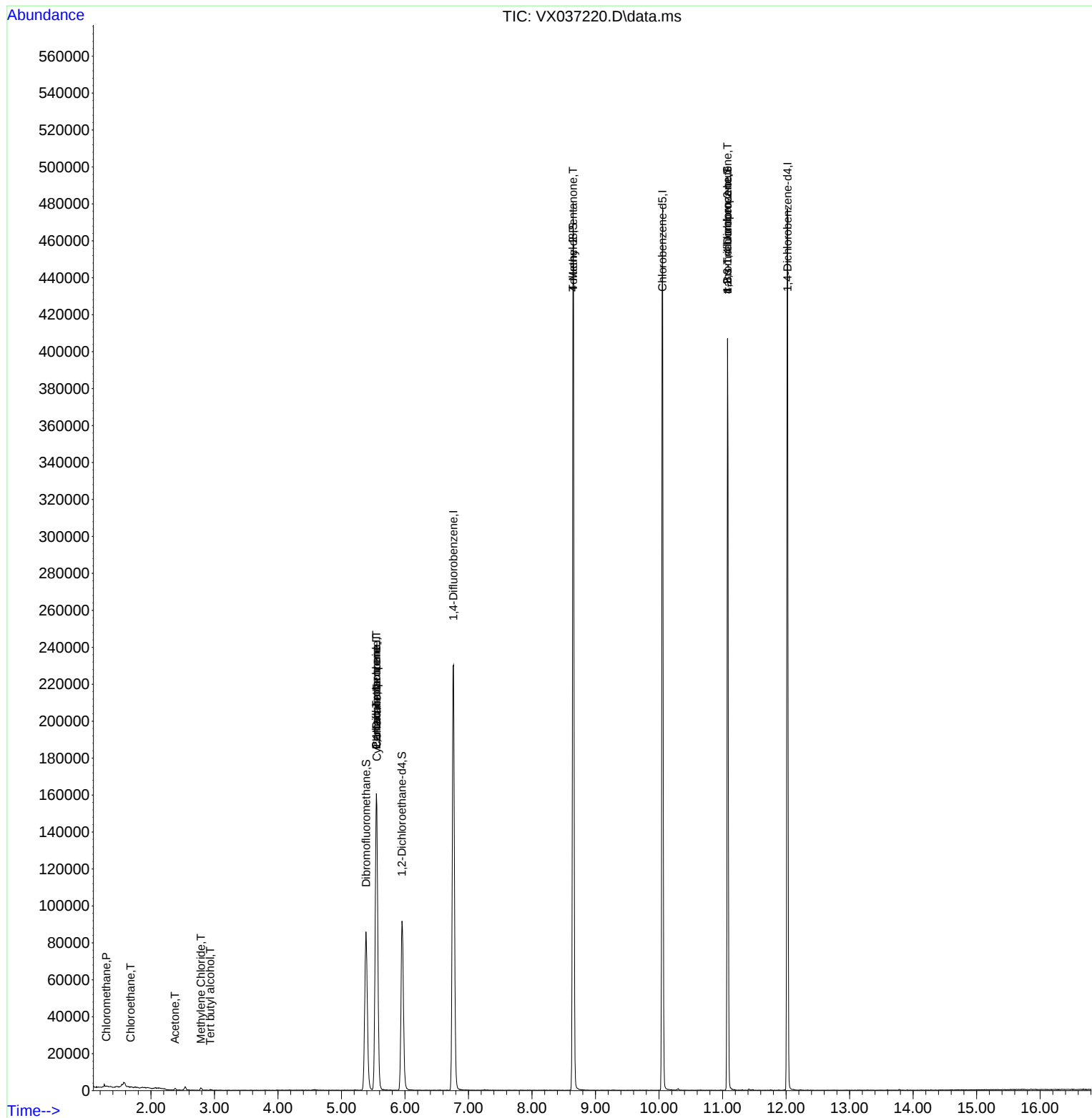
Internal Standards						
1) Pentafluorobenzene	5.550	168	148907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	243049	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220339	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101855	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93196	43.412	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.820%
35) Dibromofluoromethane	5.385	113	75375	46.827	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.660%
50) Toluene-d8	8.647	98	286929	49.141	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.280%
62) 4-Bromofluorobenzene	11.079	95	110722	48.254	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.500%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	314	0.207	ug/l #	43
6) Chloroethane	1.679	64	240	0.248	ug/l #	43
11) Tert butyl alcohol	2.934	59	317	0.629	ug/l #	78
16) Acetone	2.380	43	999	1.190	ug/l	99
20) Methylene Chloride	2.788	84	713	0.380	ug/l #	72
31) Cyclohexane	5.556	56	2965	1.228	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11817	5.167	ug/l #	51
38) Carbon Tetrachloride	5.550	117	15775	6.350	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1215	0.540	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	56607	26.096	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	56607	72.888	ug/l #	5

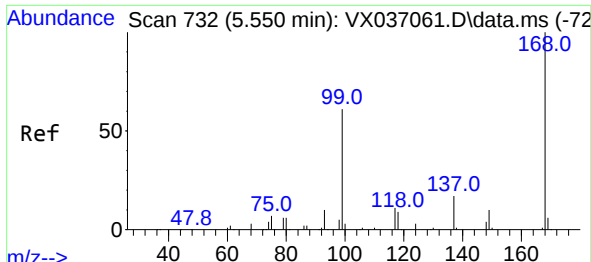
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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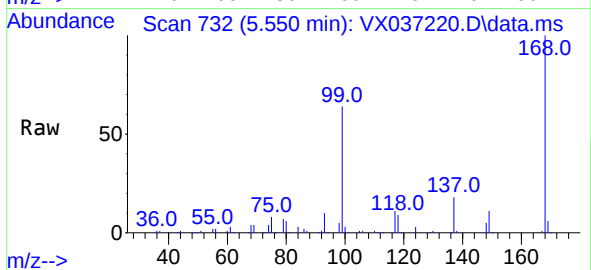
Quant Time: Aug 24 23:39:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
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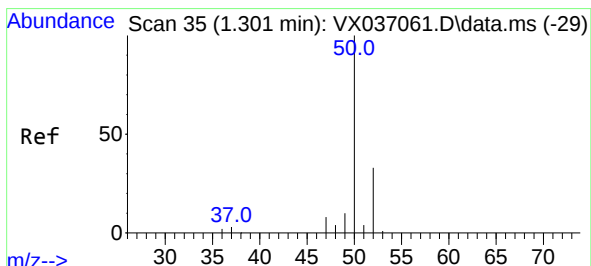
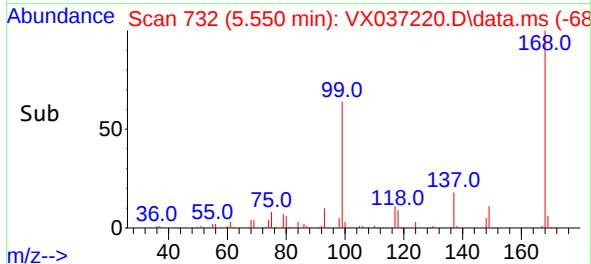
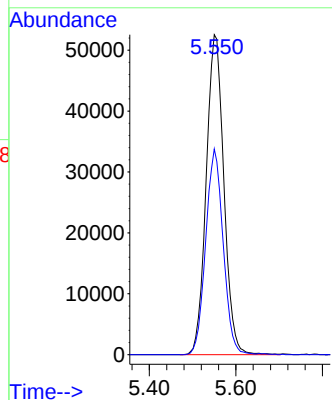


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037220.D
Acq: 24 Aug 2023 16:42

Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-SAMPLE-MANAG

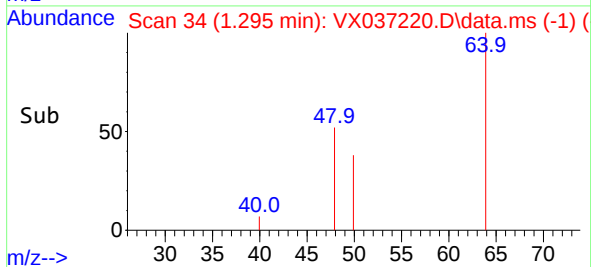
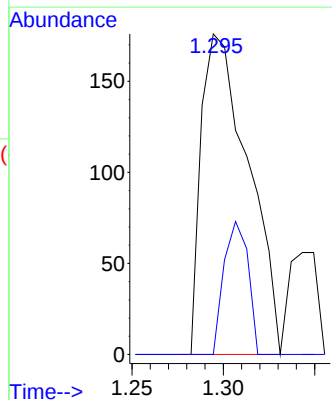
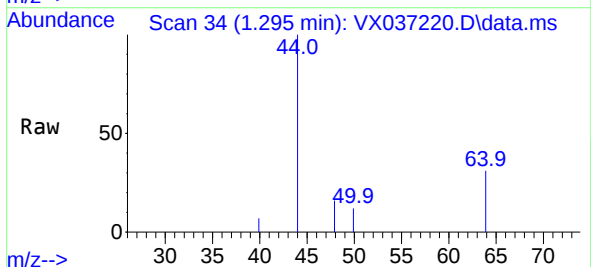


Tgt Ion:168 Resp: 148907
Ion Ratio Lower Upper
168 100
99 64.3 56.6 85.0

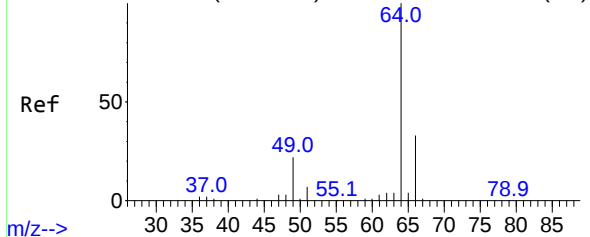


#3
Chloromethane
Concen: 0.207 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX037220.D
Acq: 24 Aug 2023 16:42

Tgt Ion: 50 Resp: 314
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: 0.248 ug/l

RT: 1.679 min Scan# 91

Delta R.T. 0.007 min

Lab File: VX037220.D

Acq: 24 Aug 2023 16:42

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

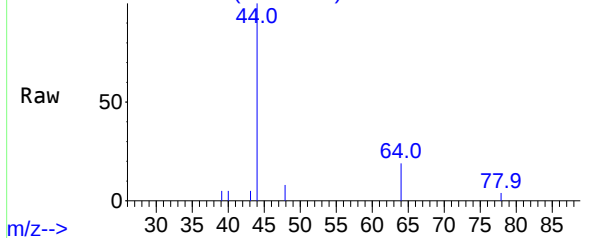
Tgt Ion: 64 Resp: 240

Ion Ratio Lower Upper

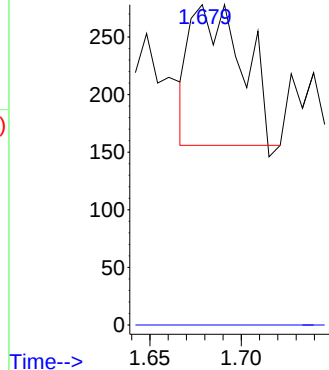
64 100

66 0.0 25.1 37.7#

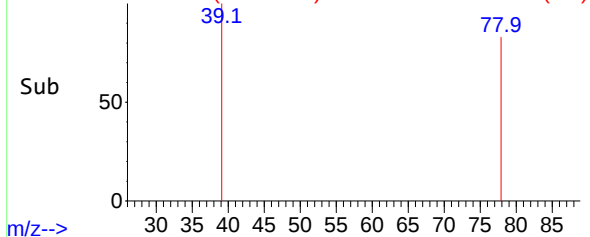
Abundance Scan 97 (1.679 min): VX037220.D\data.ms



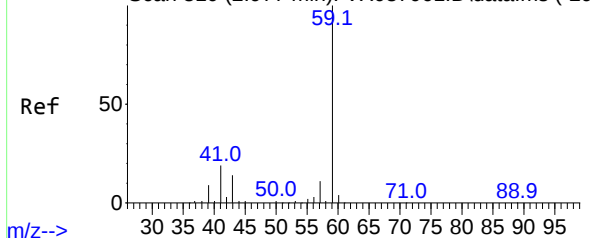
Abundance



Abundance Scan 97 (1.679 min): VX037220.D\data.ms (-47)



Abundance Scan 310 (2.977 min): VX037061.D\data.ms (-29)



#11

Tert butyl alcohol

Concen: 0.629 ug/l

RT: 2.934 min Scan# 303

Delta R.T. -0.043 min

Lab File: VX037220.D

Acq: 24 Aug 2023 16:42

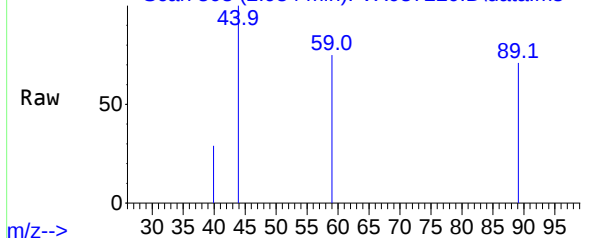
Tgt Ion: 59 Resp: 317

Ion Ratio Lower Upper

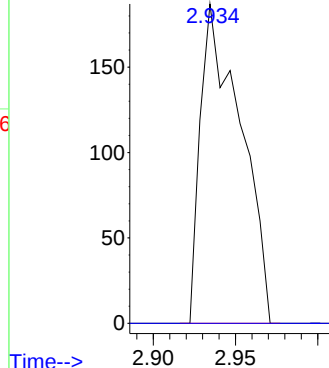
59 100

57 0.0 6.0 9.0#

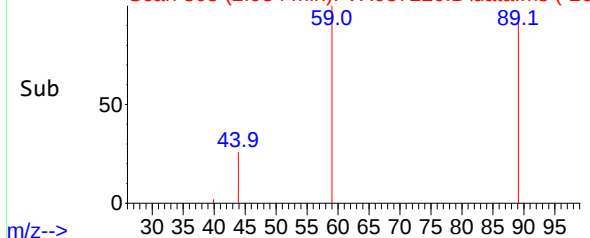
Abundance Scan 303 (2.934 min): VX037220.D\data.ms

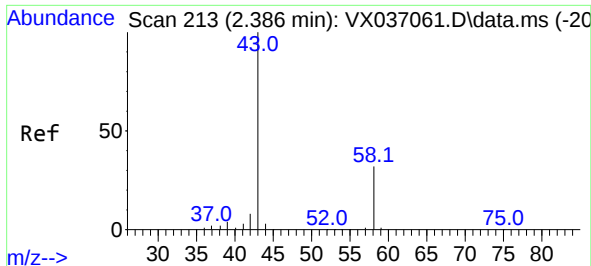


Abundance



Abundance Scan 303 (2.934 min): VX037220.D\data.ms (-26)

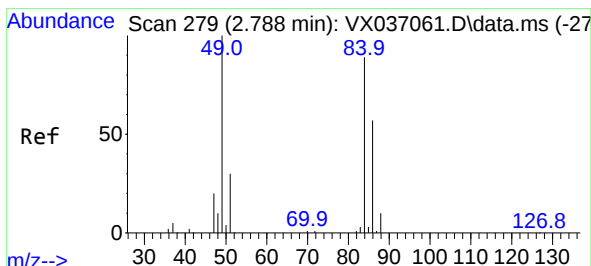
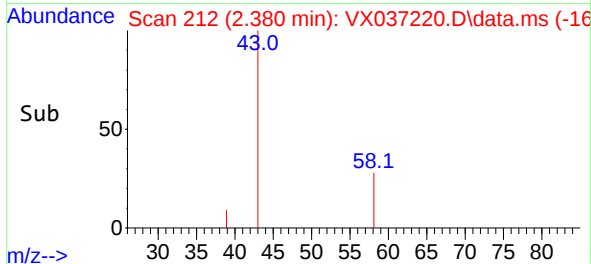
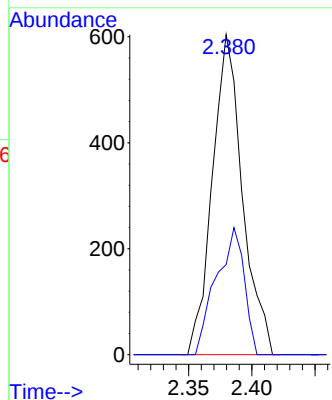
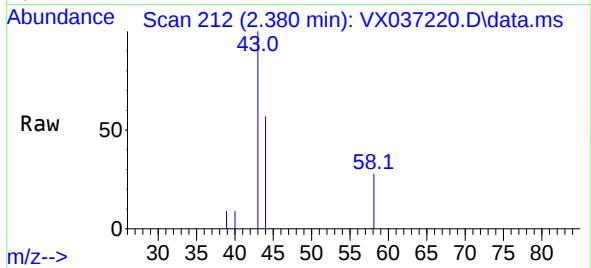




#16
Acetone
Concen: 1.190 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX037220.D
Acq: 24 Aug 2023 16:42

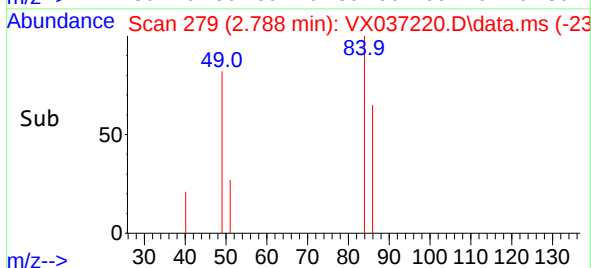
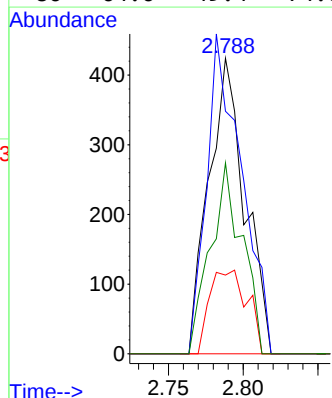
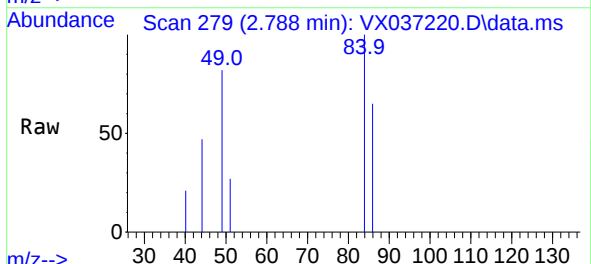
Instrument :
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ClientSampleId :
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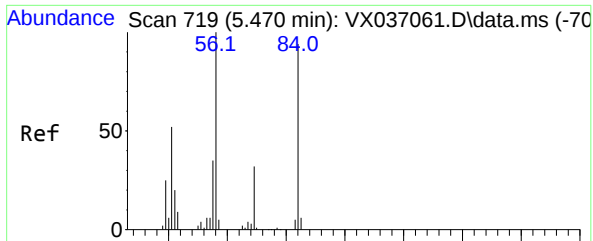
Tgt Ion: 43 Resp: 999
Ion Ratio Lower Upper
43 100
58 28.1 21.9 32.9



#20
Methylene Chloride
Concen: 0.380 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037220.D
Acq: 24 Aug 2023 16:42

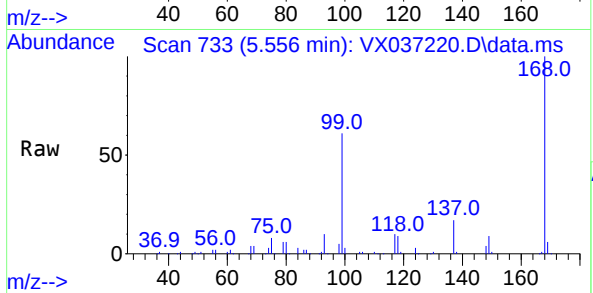
Tgt Ion: 84 Resp: 713
Ion Ratio Lower Upper
84 100
49 82.1 103.6 155.4#
51 26.7 33.8 50.6#
86 64.6 49.4 74.0



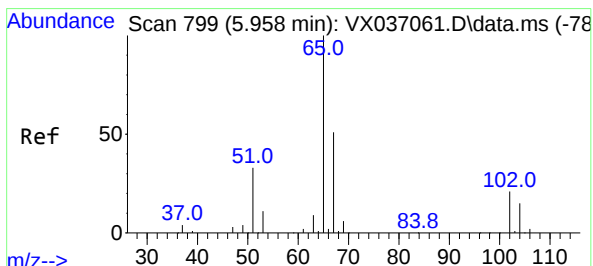
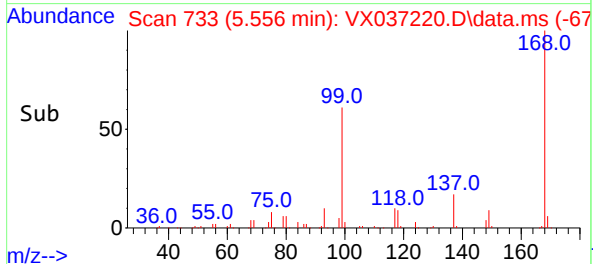
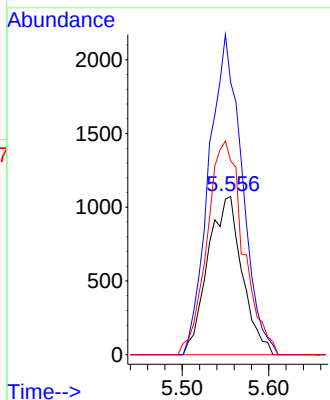


#31
Cyclohexane
Concen: 1.228 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX037220.D
Acq: 24 Aug 2023 16:42

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

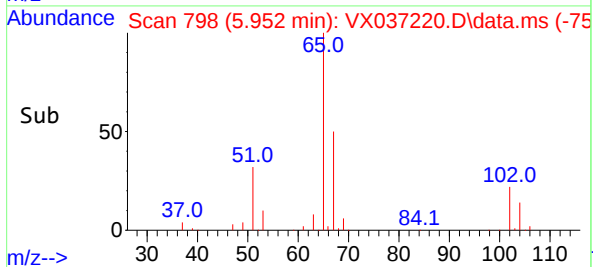
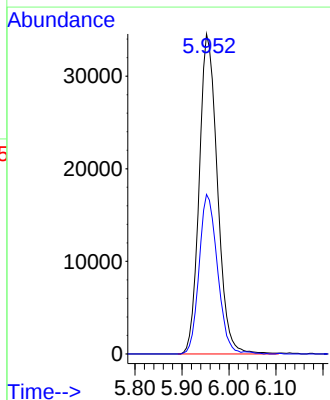
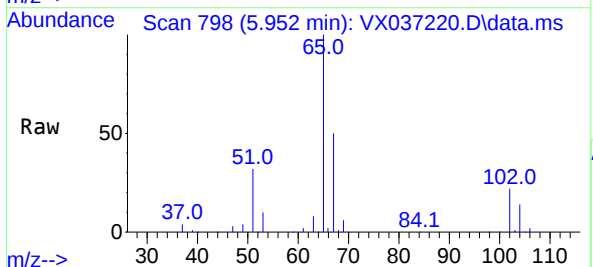


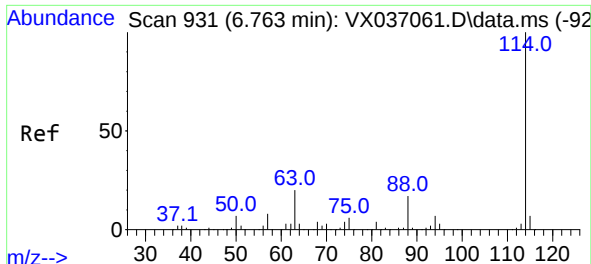
Tgt Ion: 56 Resp: 2965
Ion Ratio Lower Upper
56 100
69 171.8 23.4 35.2#
84 122.4 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 43.412 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037220.D
Acq: 24 Aug 2023 16:42

Tgt Ion: 65 Resp: 93196
Ion Ratio Lower Upper
65 100
67 50.3 0.0 100.2

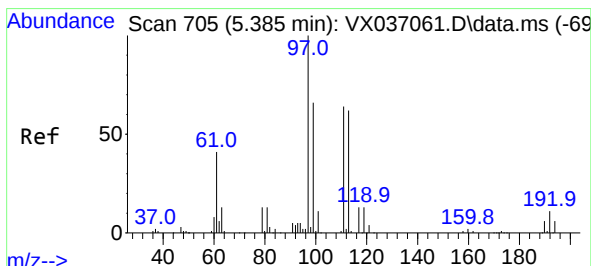
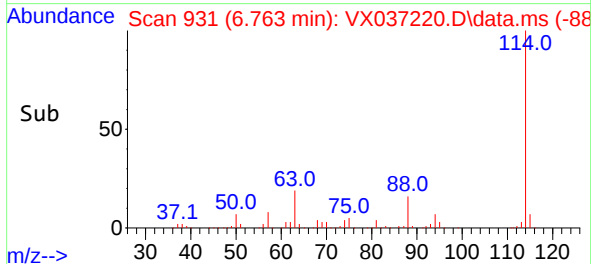
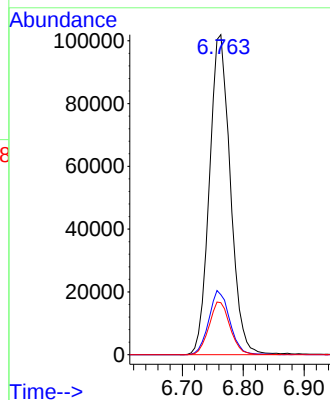
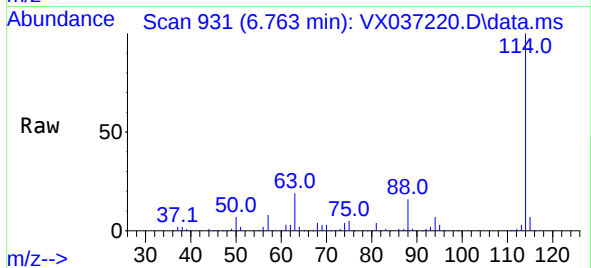




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX037220.D
Acq: 24 Aug 2023 16:42

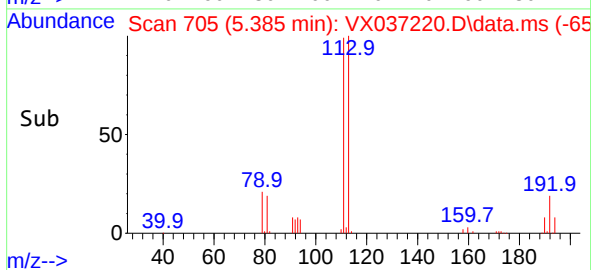
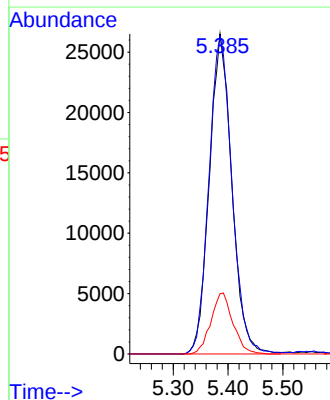
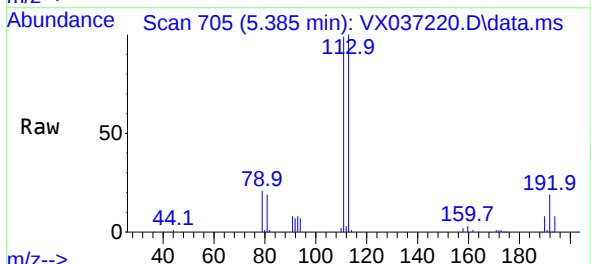
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

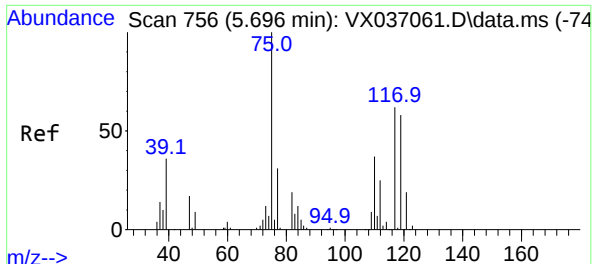
Tgt Ion:114 Resp: 243049
Ion Ratio Lower Upper
114 100
63 18.8 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.827 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037220.D
Acq: 24 Aug 2023 16:42

Tgt Ion:113 Resp: 75375
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 18.6 13.3 19.9

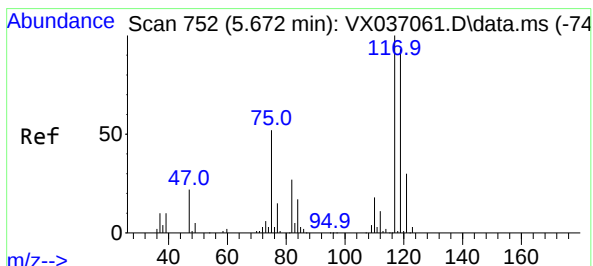
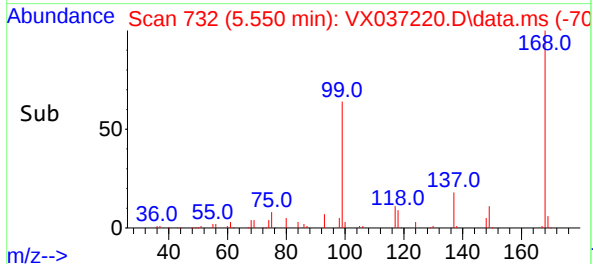
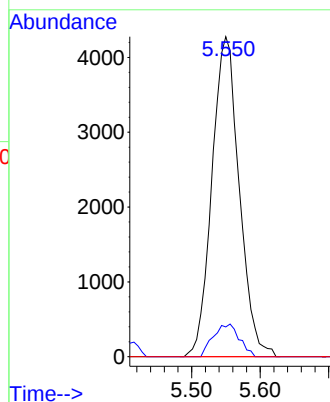
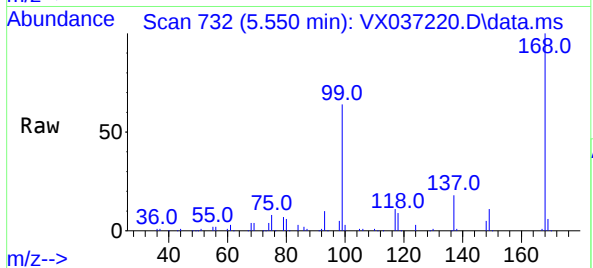




#36
1,1-Dichloropropene
Concen: 5.167 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX037220.D
Acq: 24 Aug 2023 16:42

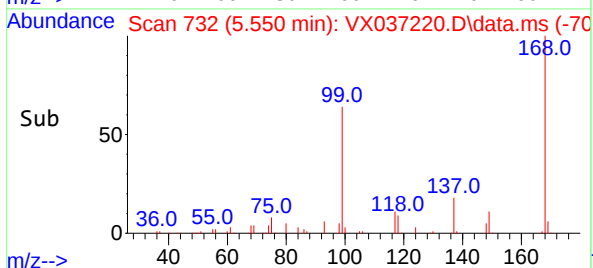
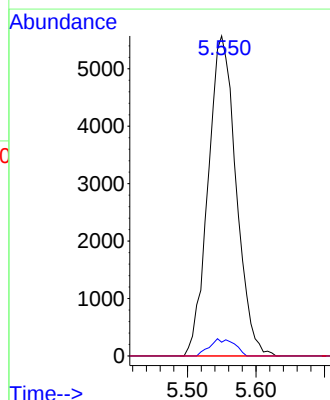
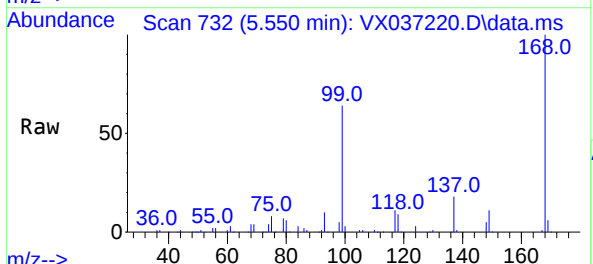
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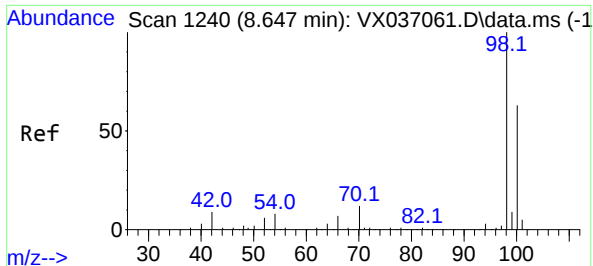
Tgt Ion: 75 Resp: 11817
Ion Ratio Lower Upper
75 100
110 9.7 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.350 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX037220.D
Acq: 24 Aug 2023 16:42

Tgt Ion: 117 Resp: 15775
Ion Ratio Lower Upper
117 100
119 4.3 78.2 117.2#
121 0.0 24.4 36.6#

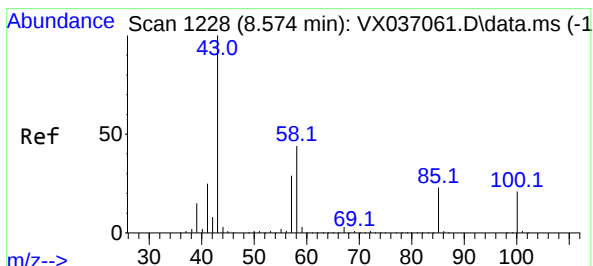
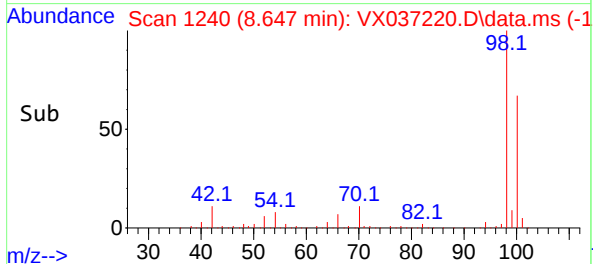
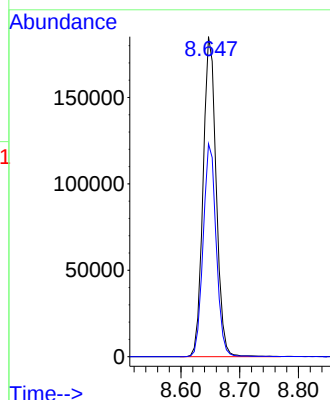
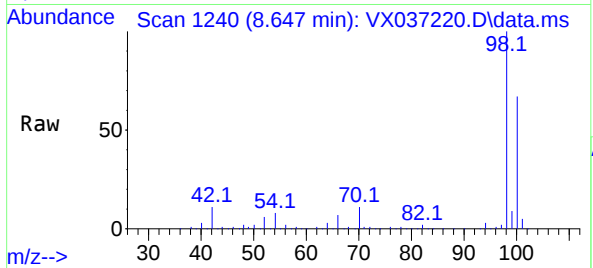




#50
Toluene-d8
Concen: 49.141 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037220.D
Acq: 24 Aug 2023 16:42

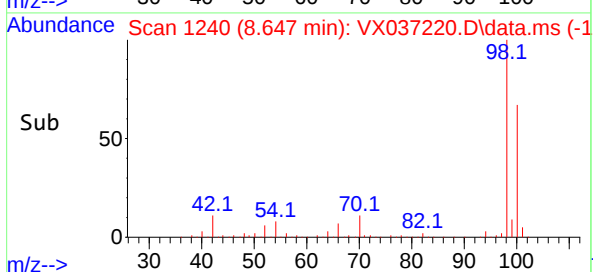
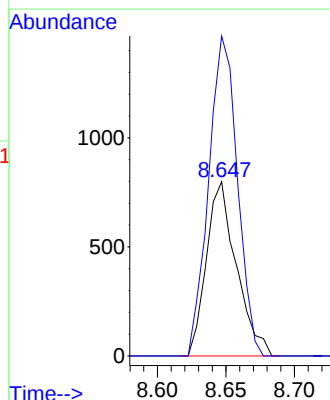
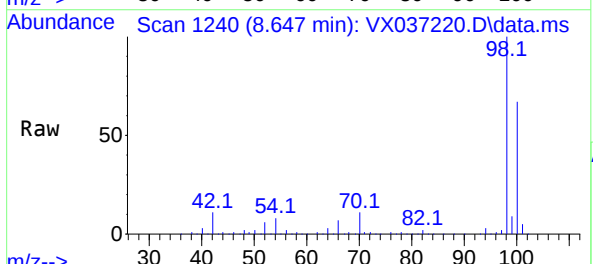
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

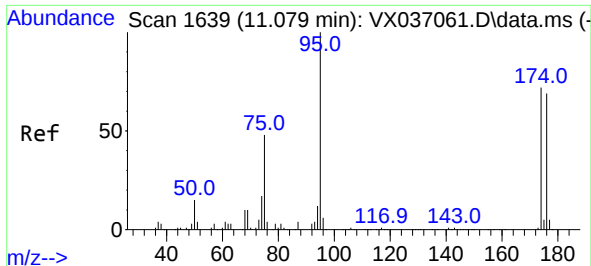
Tgt Ion: 98 Resp: 286929
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.540 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX037220.D
Acq: 24 Aug 2023 16:42

Tgt Ion: 43 Resp: 1215
Ion Ratio Lower Upper
43 100
58 176.4 30.4 45.6#

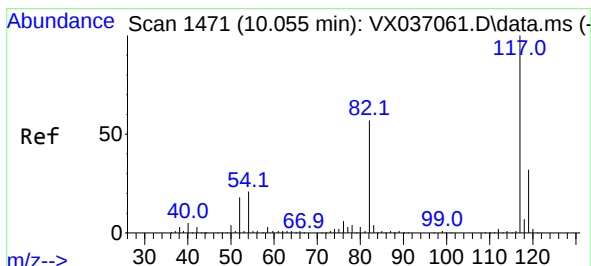
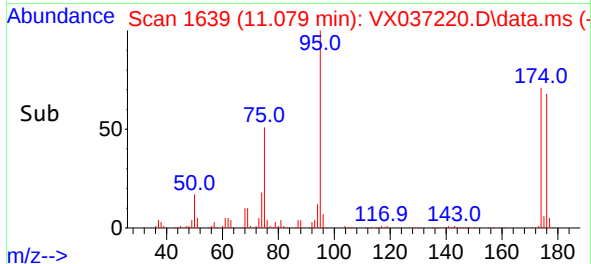
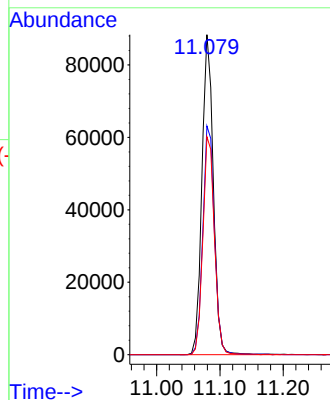
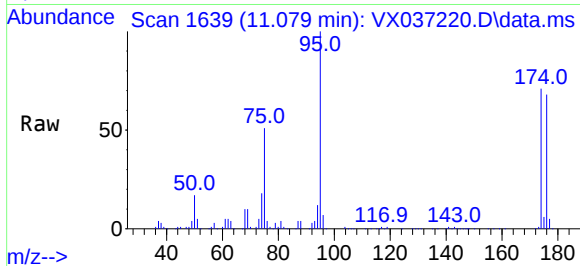




#62
4-Bromofluorobenzene
Concen: 48.254 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037220.D
Acq: 24 Aug 2023 16:42

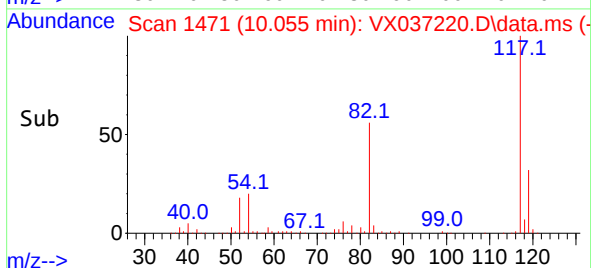
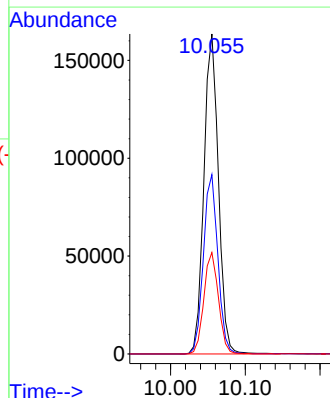
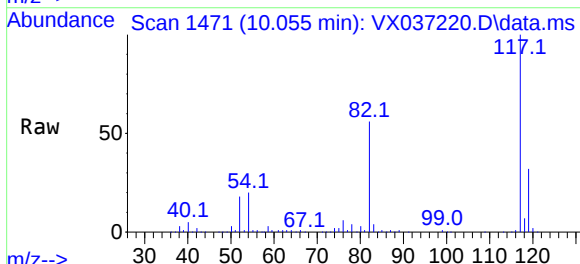
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

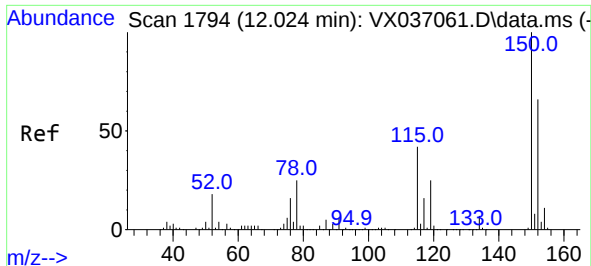
Tgt Ion: 95 Resp: 110722
Ion Ratio Lower Upper
95 100
174 72.9 0.0 135.6
176 69.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037220.D
Acq: 24 Aug 2023 16:42

Tgt Ion: 117 Resp: 220339
Ion Ratio Lower Upper
117 100
82 56.1 46.2 69.4
119 31.7 25.5 38.3

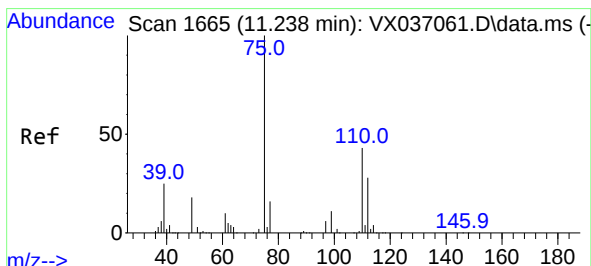
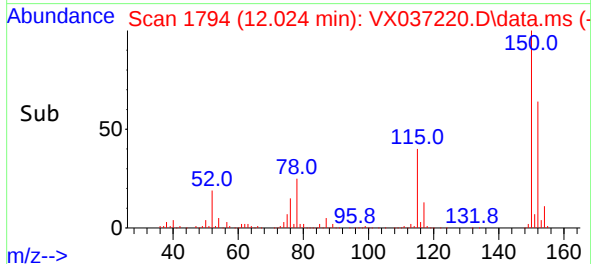
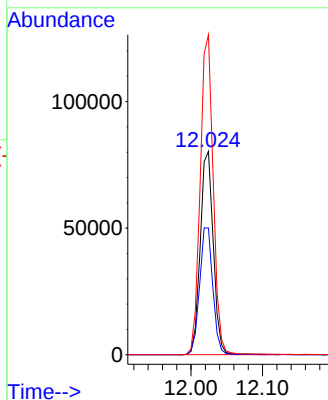
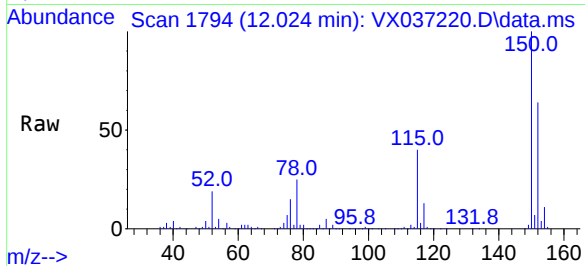




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037220.D
Acq: 24 Aug 2023 16:42

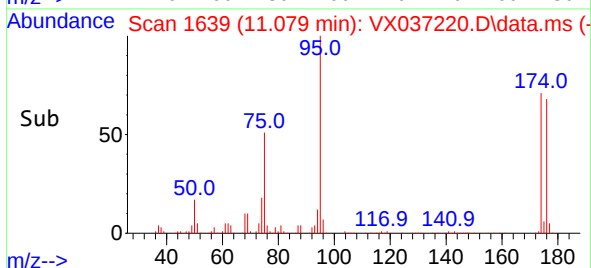
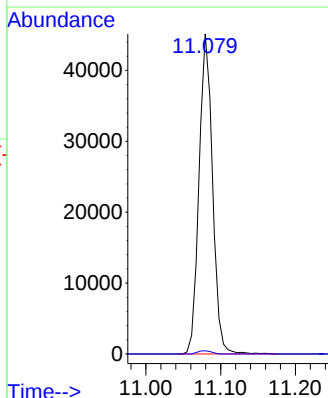
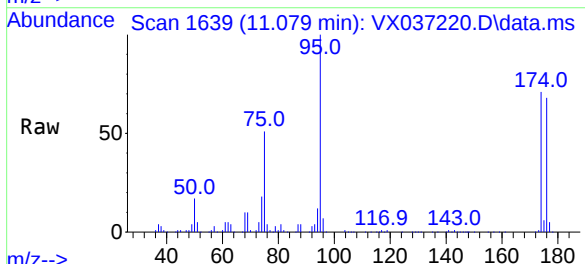
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

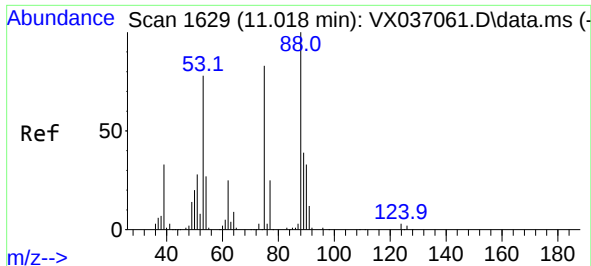
Tgt Ion:152 Resp: 101855
Ion Ratio Lower Upper
152 100
115 63.3 43.3 129.9
150 156.7 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 26.096 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX037220.D
Acq: 24 Aug 2023 16:42

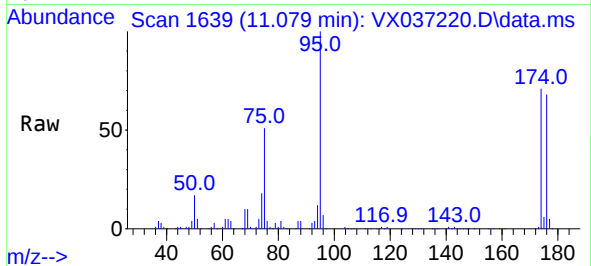
Tgt Ion: 75 Resp: 56607
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.888 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037220.D
 Acq: 24 Aug 2023 16:42

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG



Tgt Ion: 75 Resp: 56607
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

