

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081623\
 Data File : VX037026.D
 Acq On : 16 Aug 2023 18:36
 Operator : JC/MD
 Sample : 04024-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW17811-20230815

Quant Time: Aug 17 04:18:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

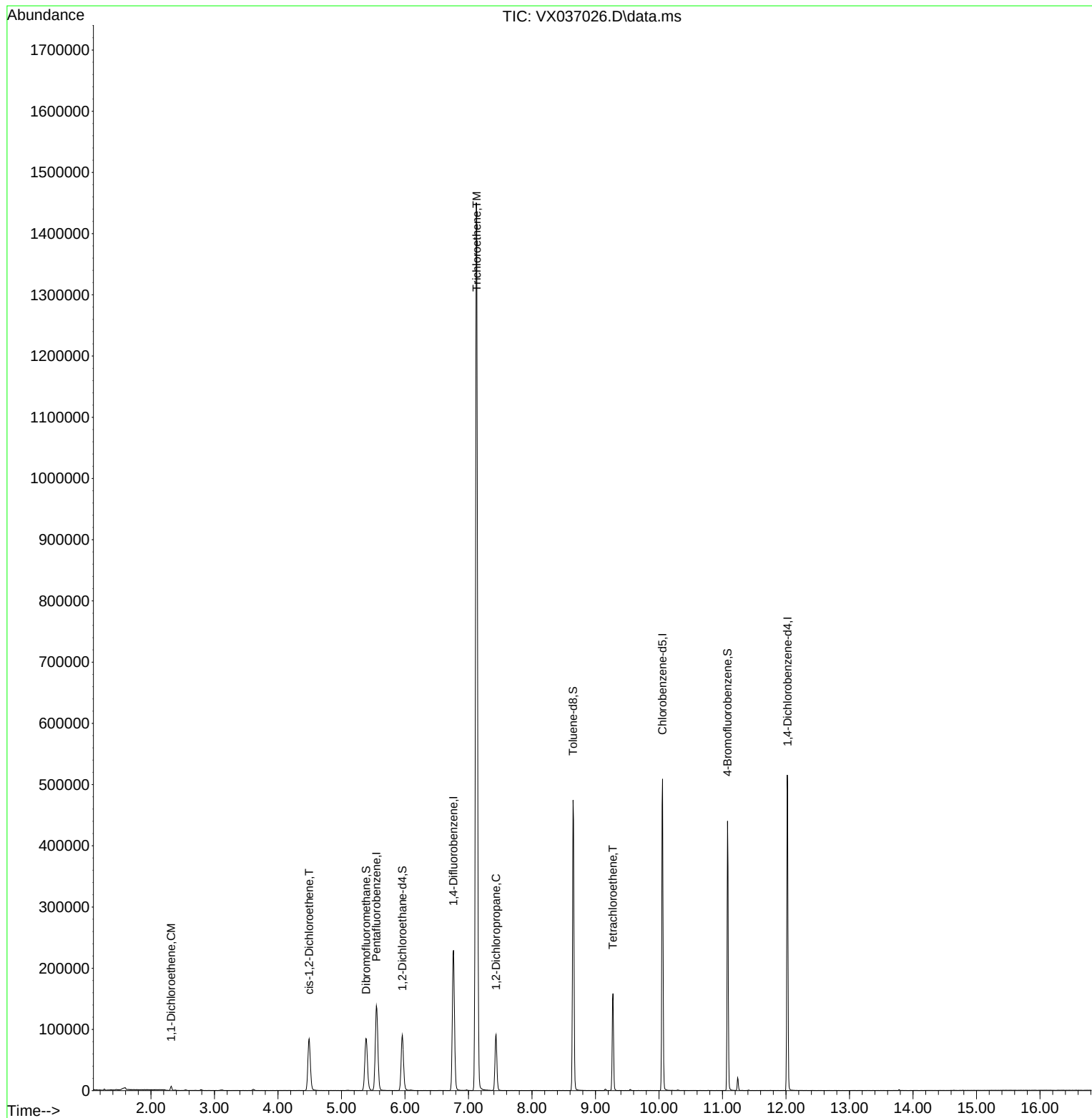
Internal Standards						
1) Pentafluorobenzene	5.550	168	127999	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	237964	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107125	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91221	48.165	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.320%
35) Dibromofluoromethane	5.385	113	75983	46.455	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.900%
50) Toluene-d8	8.647	98	284066	48.974	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.940%
62) 4-Bromofluorobenzene	11.079	95	117606	53.742	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.480%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.319	96	2387	1.665	ug/l #	79
27) cis-1,2-Dichloroethene	4.489	96	55269	29.049	ug/l	82
44) Trichloroethene	7.129	130	565090	304.793	ug/l	98
45) 1,2-Dichloropropane	7.434	63	35739	18.872	ug/l	97
64) Tetrachloroethene	9.275	164	28746	16.643	ug/l	99

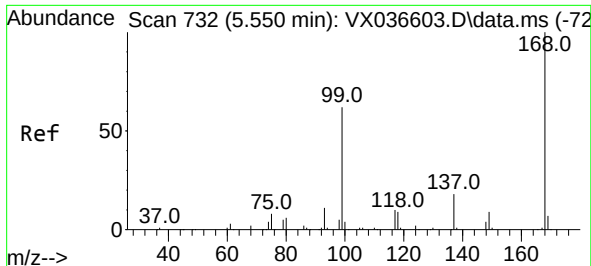
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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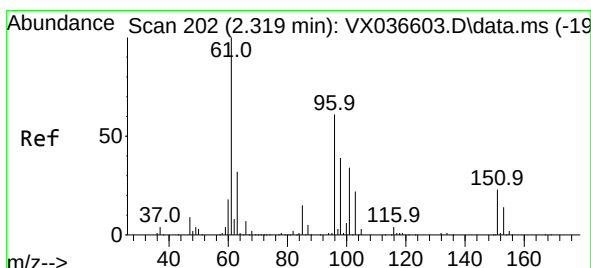
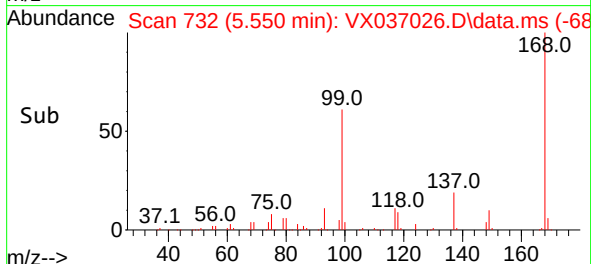
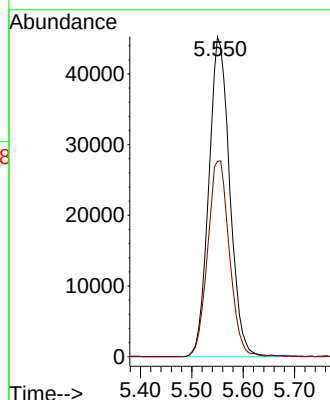
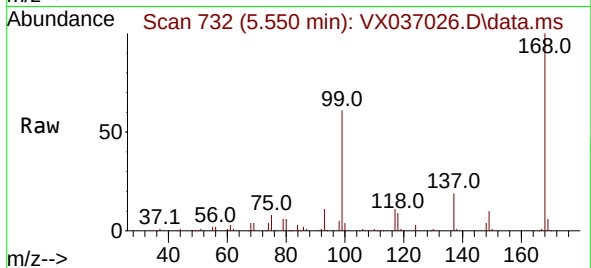




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037026.D
Acq: 16 Aug 2023 18:36

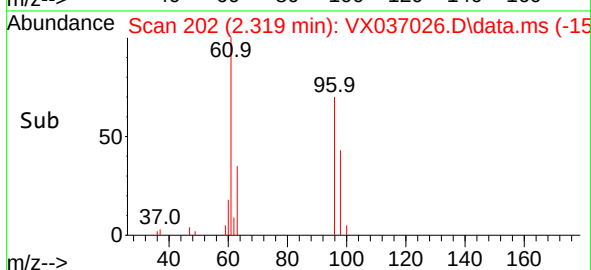
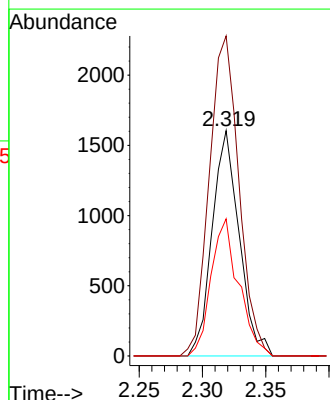
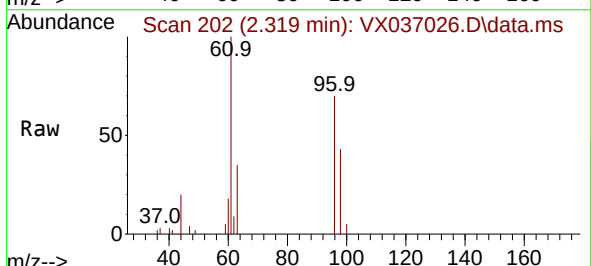
Instrument :
MSVOA_X
ClientSampleId :
MW17811-20230815

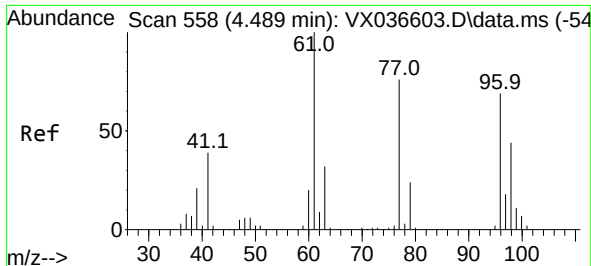
Tgt Ion:168 Resp: 127999
Ion Ratio Lower Upper
168 100
99 61.1 56.6 85.0



#12
1,1-Dichloroethene
Concen: 1.665 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX037026.D
Acq: 16 Aug 2023 18:36

Tgt Ion: 96 Resp: 2387
Ion Ratio Lower Upper
96 100
61 142.1 144.6 216.8#
98 60.9 50.4 75.6

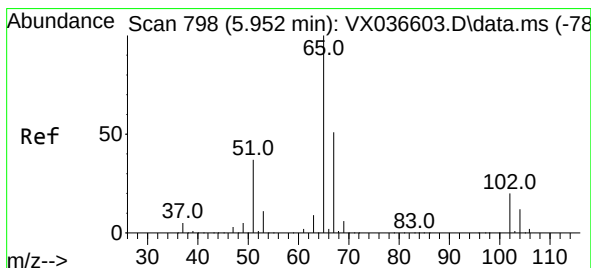
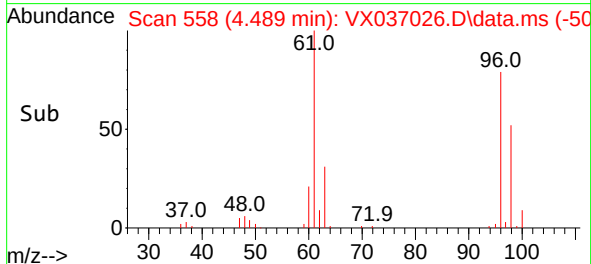
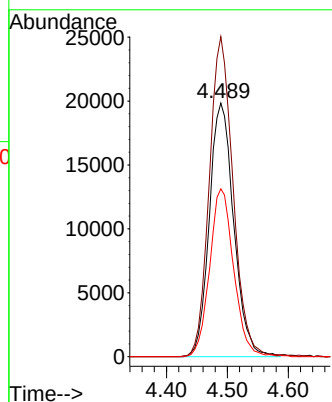
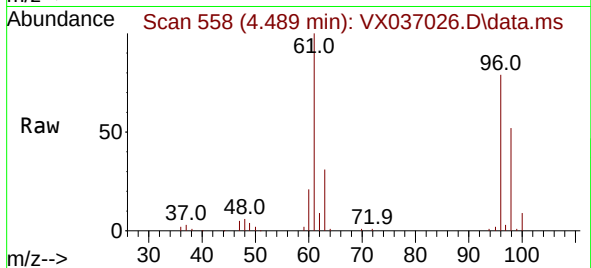




#27
cis-1,2-Dichloroethene
Concen: 29.049 ug/l
RT: 4.489 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX037026.D
Acq: 16 Aug 2023 18:36

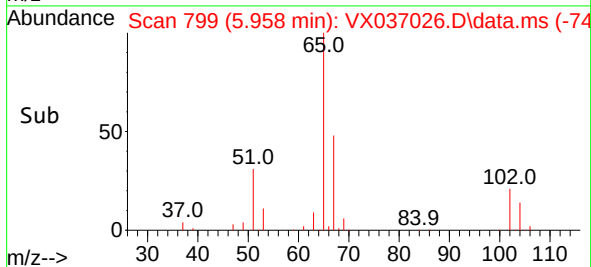
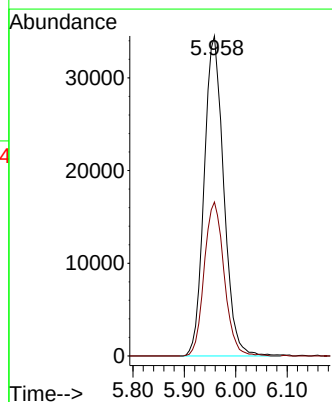
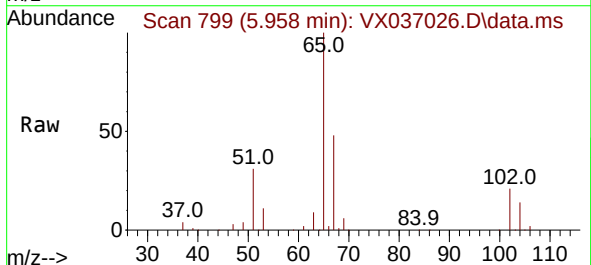
Instrument :
MSVOA_X
ClientSampleId :
MW17811-20230815

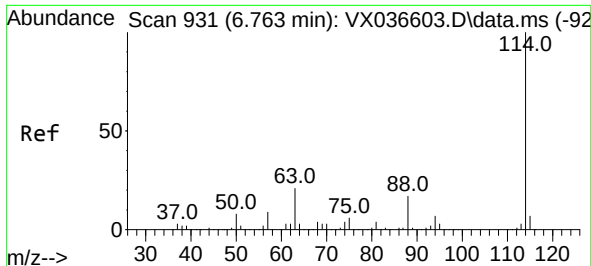
Tgt Ion: 96 Resp: 55269
Ion Ratio Lower Upper
96 100
61 122.9 0.0 312.2
98 65.2 0.0 129.0



#33
1,2-Dichloroethane-d4
Concen: 48.165 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX037026.D
Acq: 16 Aug 2023 18:36

Tgt Ion: 65 Resp: 91221
Ion Ratio Lower Upper
65 100
67 49.0 0.0 100.2

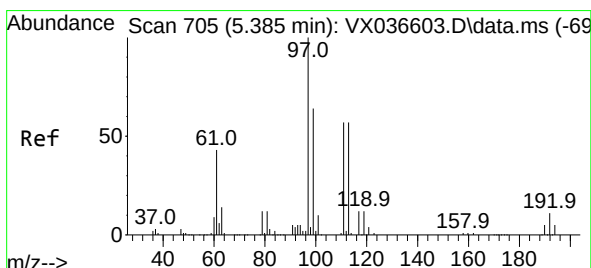
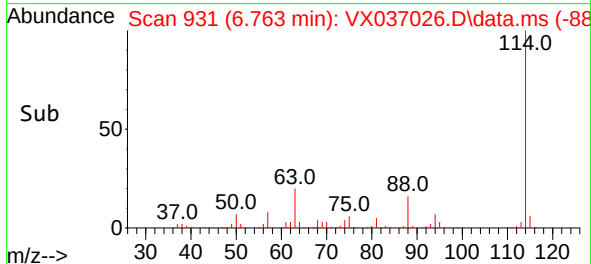
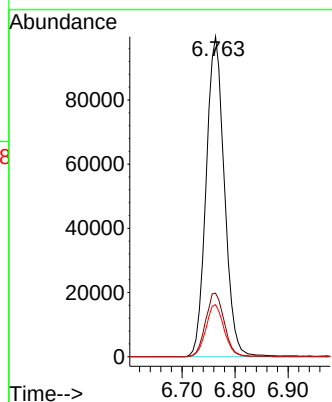
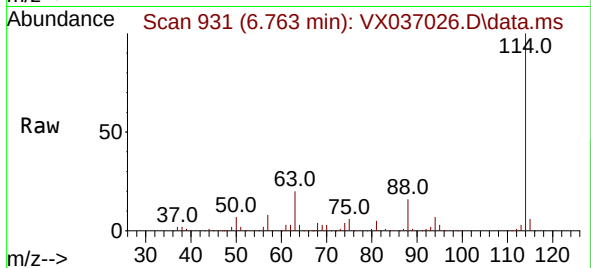




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VX037026.D
 Acq: 16 Aug 2023 18:36

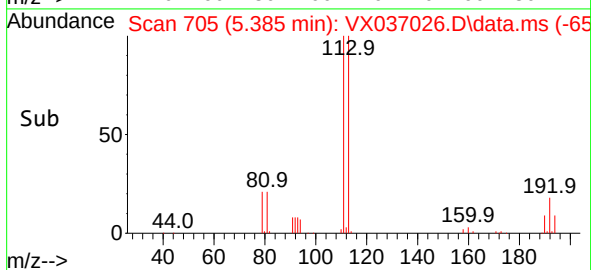
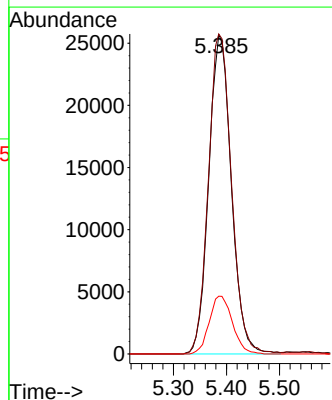
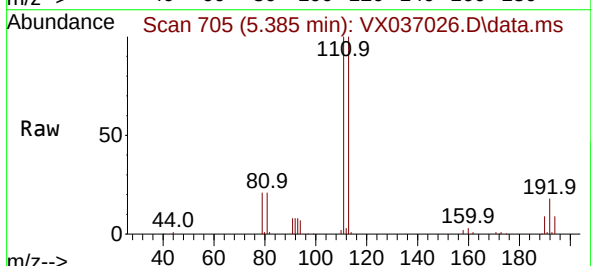
Instrument :
 MSVOA_X
 ClientSampleId :
 MW17811-20230815

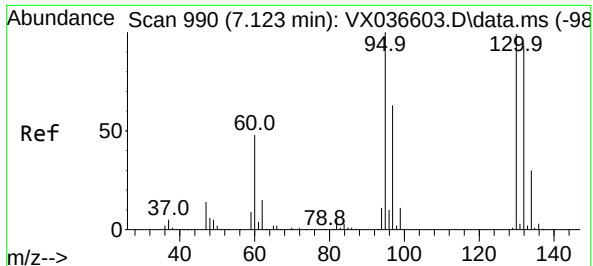
Tgt Ion:114 Resp: 237964
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 45.0
 88 16.2 0.0 36.6



#35
 Dibromofluoromethane
 Concen: 46.455 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX037026.D
 Acq: 16 Aug 2023 18:36

Tgt Ion:113 Resp: 75983
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.9 124.3
 192 18.6 13.3 19.9

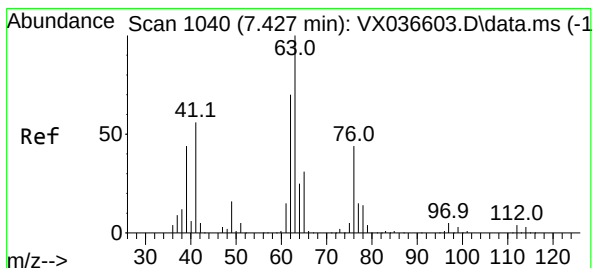
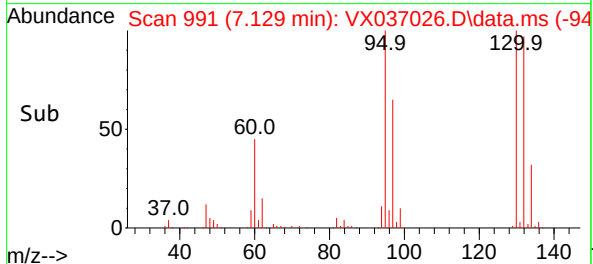
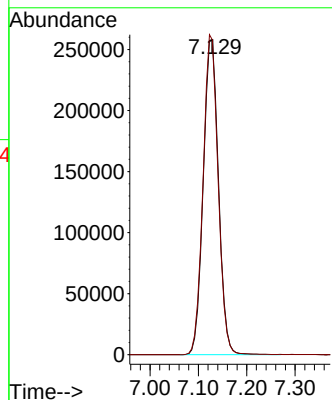
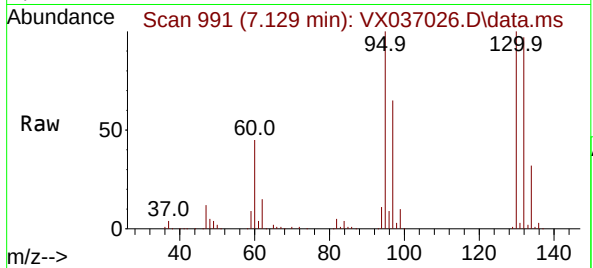




#44
Trichloroethene
Concen: 304.793 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037026.D
Acq: 16 Aug 2023 18:36

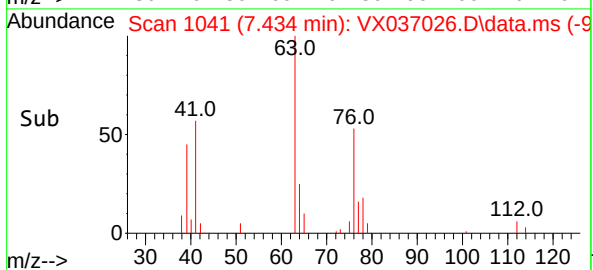
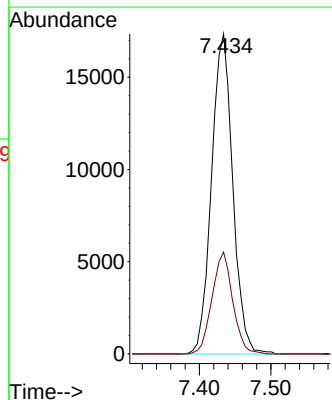
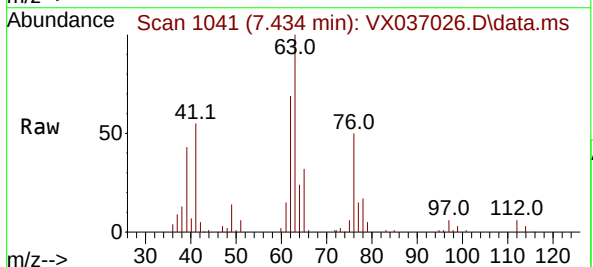
Instrument :
MSVOA_X
ClientSampleId :
MW17811-20230815

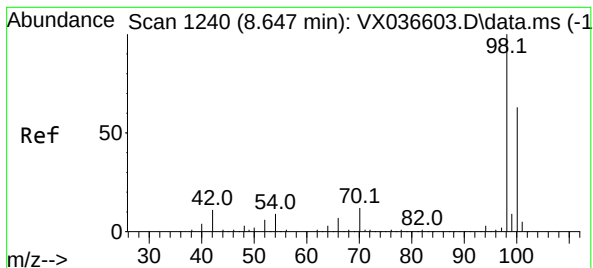
Tgt Ion:130 Resp: 565090
Ion Ratio Lower Upper
130 100
95 100.0 0.0 204.4



#45
1,2-Dichloropropane
Concen: 18.872 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX037026.D
Acq: 16 Aug 2023 18:36

Tgt Ion: 63 Resp: 35739
Ion Ratio Lower Upper
63 100
65 31.8 24.3 36.5





#50

Toluene-d8

Concen: 48.974 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037026.D

Acq: 16 Aug 2023 18:36

Instrument :

MSVOA_X

ClientSampleId :

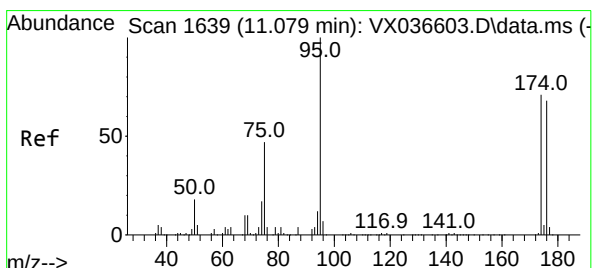
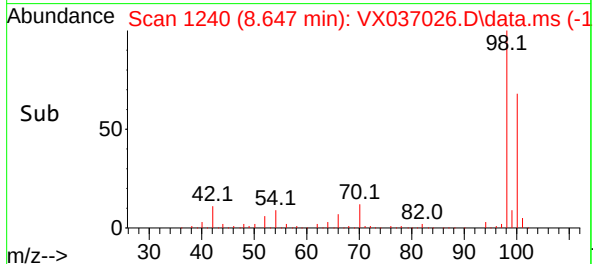
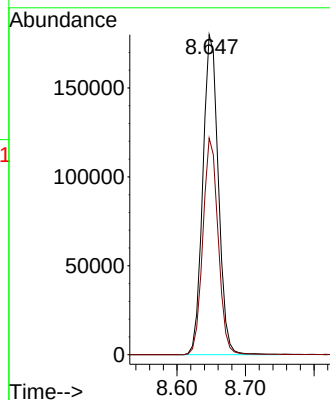
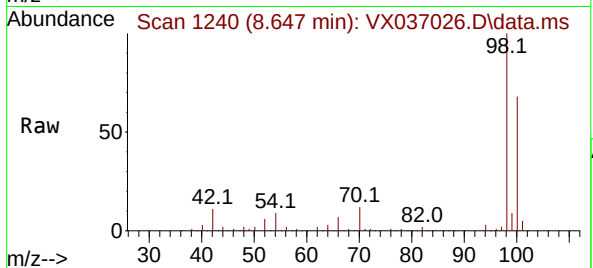
MW17811-20230815

Tgt Ion: 98 Resp: 284066

Ion Ratio Lower Upper

98 100

100 66.5 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 53.742 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX037026.D

Acq: 16 Aug 2023 18:36

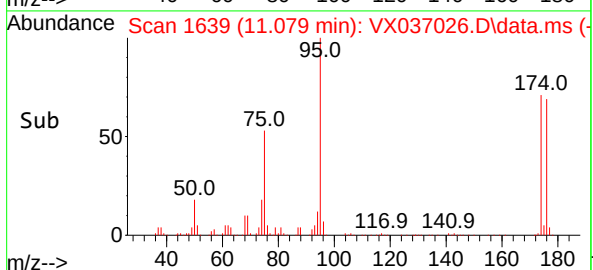
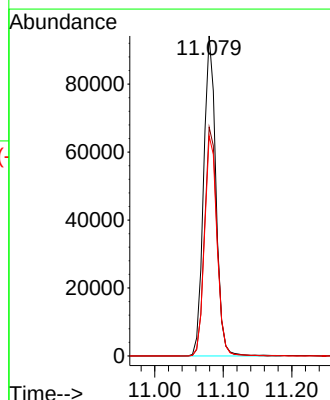
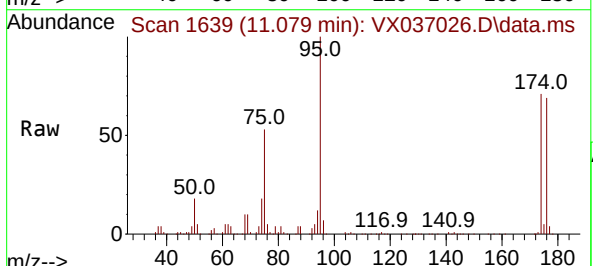
Tgt Ion: 95 Resp: 117606

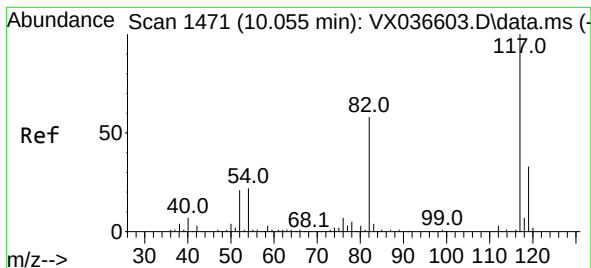
Ion Ratio Lower Upper

95 100

174 72.6 0.0 135.6

176 69.9 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: VX037026.D

Acq: 16 Aug 2023 18:36

Instrument :

MSVOA_X

ClientSampleId :

MW17811-20230815

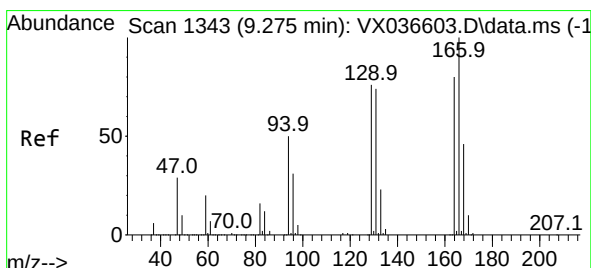
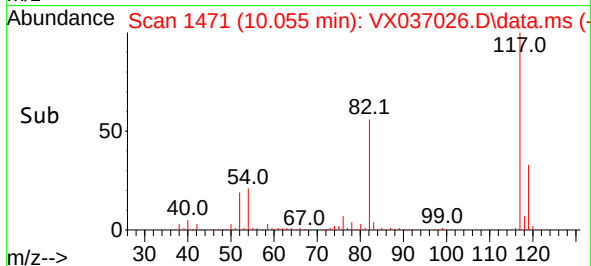
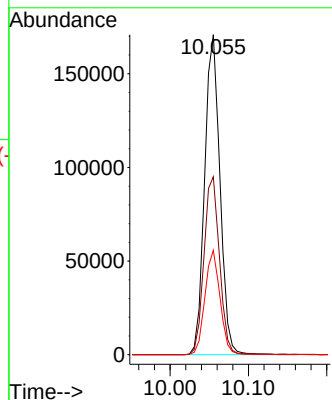
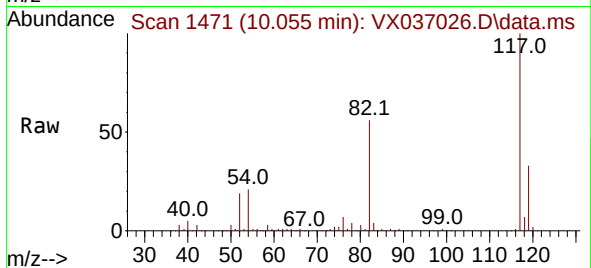
Tgt Ion:117 Resp: 231571

Ion Ratio Lower Upper

117 100

82 55.6 46.2 69.4

119 32.6 25.5 38.3



#64

Tetrachloroethene

Concen: 16.643 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX037026.D

Acq: 16 Aug 2023 18:36

Tgt Ion:164 Resp: 28746

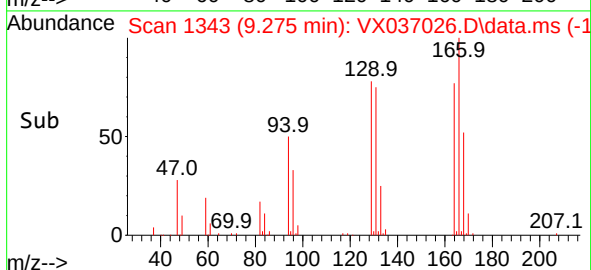
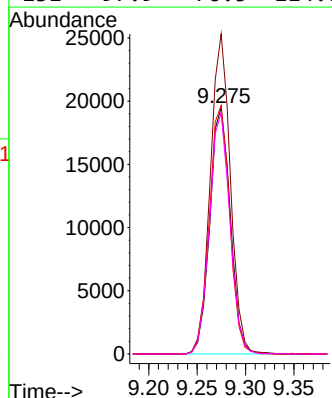
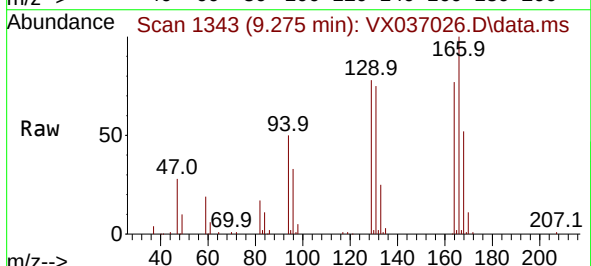
Ion Ratio Lower Upper

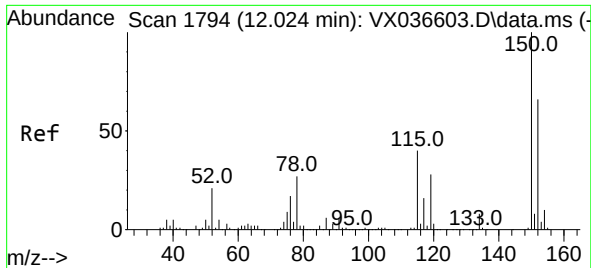
164 100

166 130.0 102.7 154.1

129 100.9 80.4 120.6

131 97.9 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037026.D

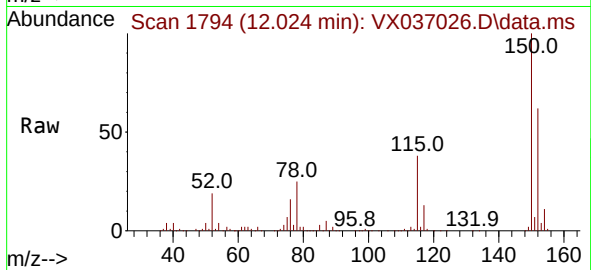
Acq: 16 Aug 2023 18:36

Instrument :

MSVOA_X

ClientSampleId :

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Tgt Ion:152 Resp: 107125

Ion Ratio Lower Upper

152 100

115 63.0 43.3 129.9

150 158.1 0.0 345.0

