

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091923\
 Data File : VX037809.D
 Acq On : 19 Sep 2023 16:26
 Operator : JC/MD
 Sample : 04465-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MWC

Quant Time: Sep 20 01:04:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

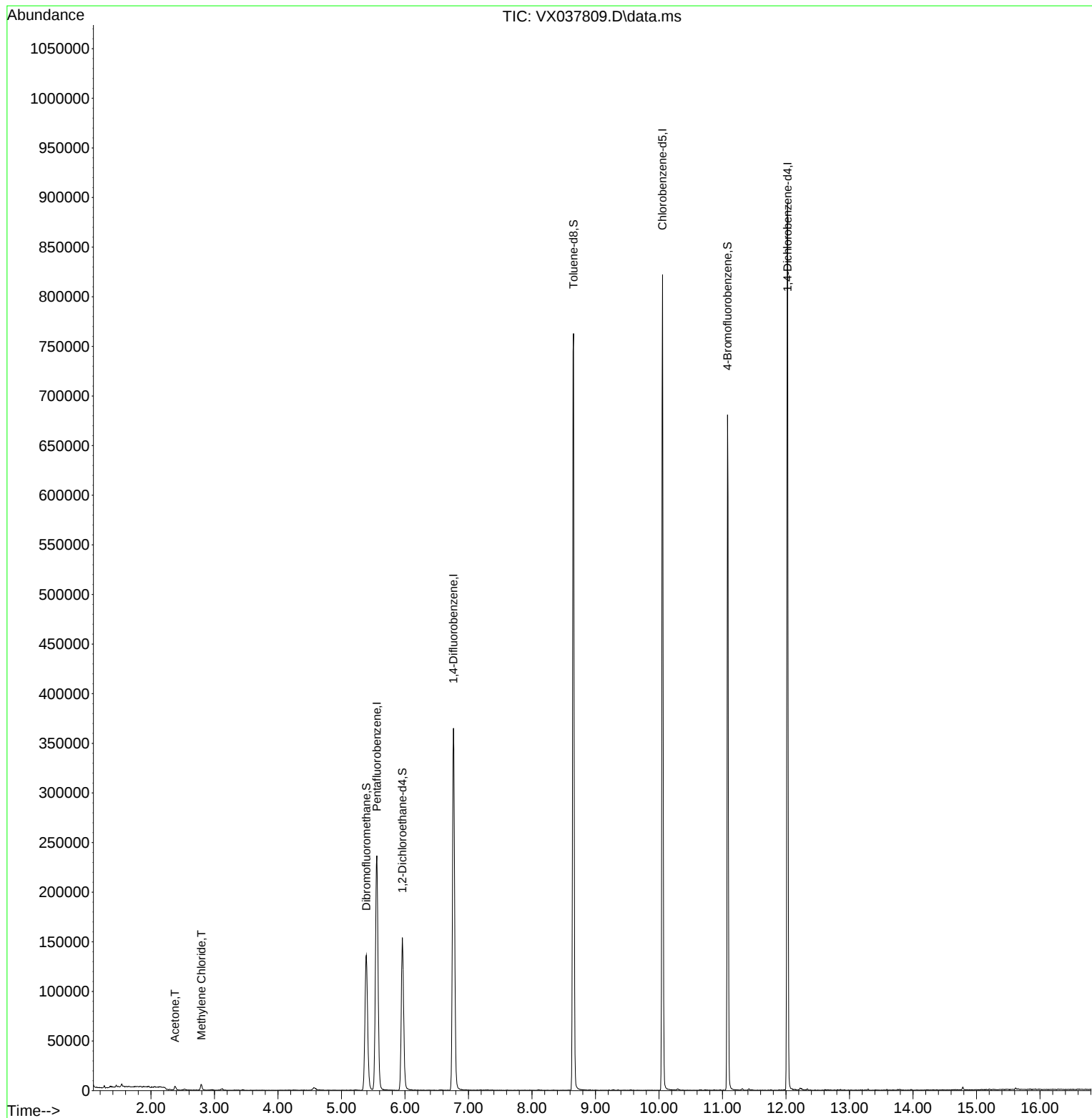
Internal Standards						
1) Pentafluorobenzene	5.556	168	230410	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	384868	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	369613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	191880	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	142321	47.014	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.020%
35) Dibromofluoromethane	5.391	113	119265	46.313	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.620%
50) Toluene-d8	8.653	98	470247	49.146	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.300%
62) 4-Bromofluorobenzene	11.079	95	174344	50.143	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.280%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	4022	2.762	ug/l	# 86
20) Methylene Chloride	2.794	84	2647	0.958	ug/l	# 80

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

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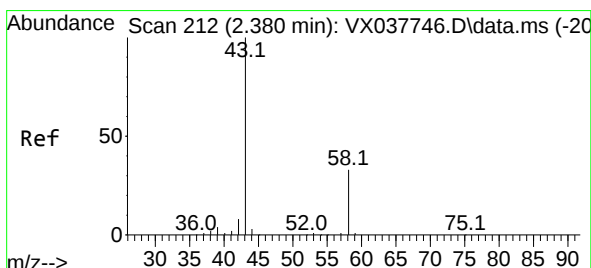
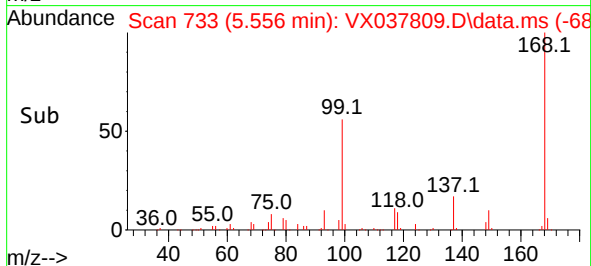
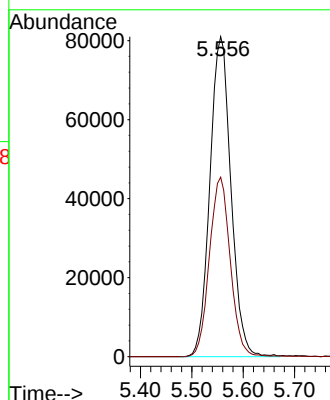
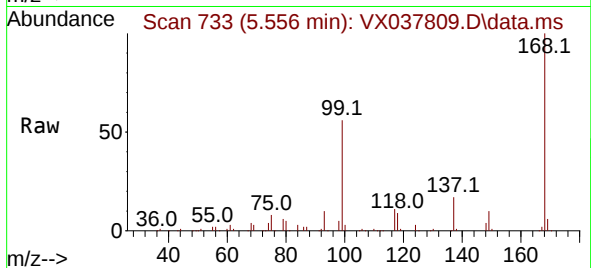




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037809.D
Acq: 19 Sep 2023 16:26

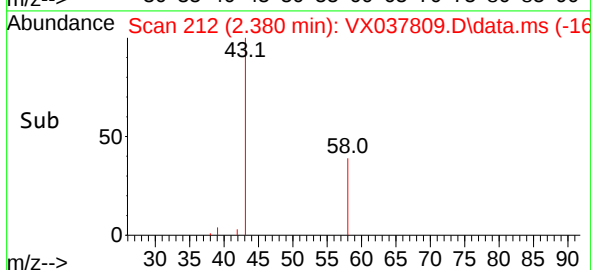
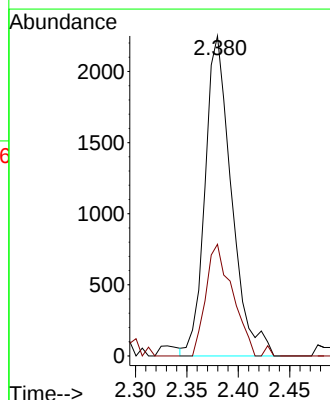
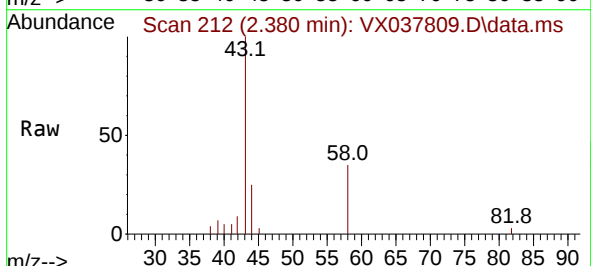
Instrument :
MSVOA_X
ClientSampleId :
MWC

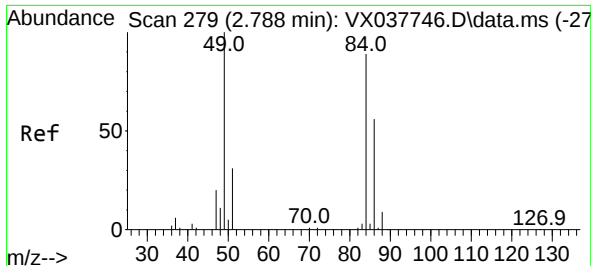
Tgt Ion:168 Resp: 230410
Ion Ratio Lower Upper
168 100
99 56.1 56.6 85.0#



#16
Acetone
Concen: 2.762 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX037809.D
Acq: 19 Sep 2023 16:26

Tgt Ion: 43 Resp: 4022
Ion Ratio Lower Upper
43 100
58 34.9 21.9 32.9#

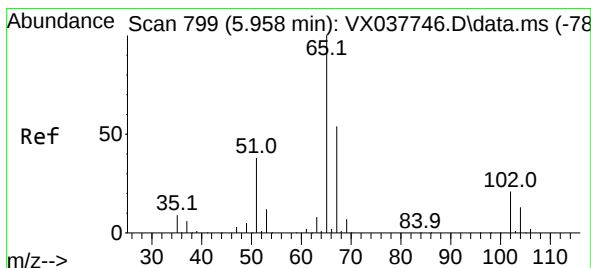
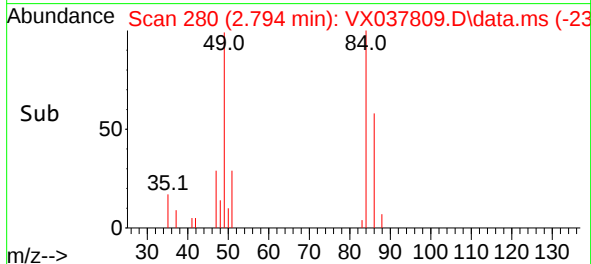
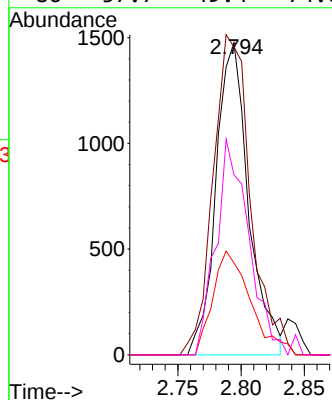
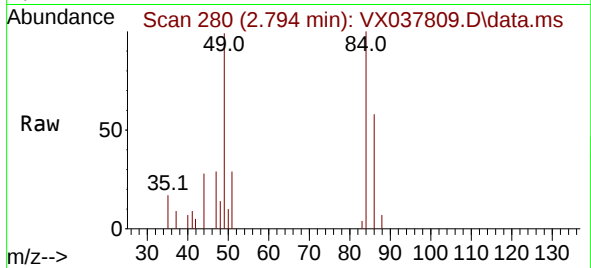




#20
Methylene Chloride
Concen: 0.958 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX037809.D
Acq: 19 Sep 2023 16:26

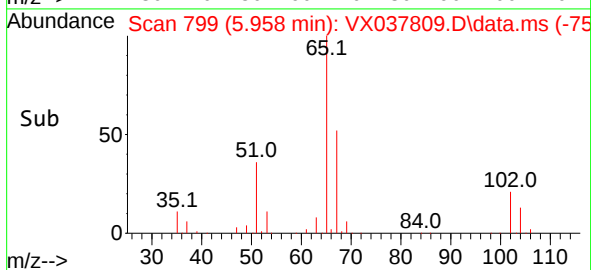
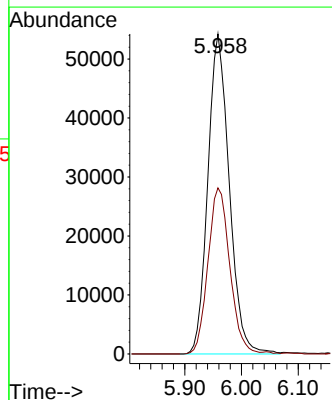
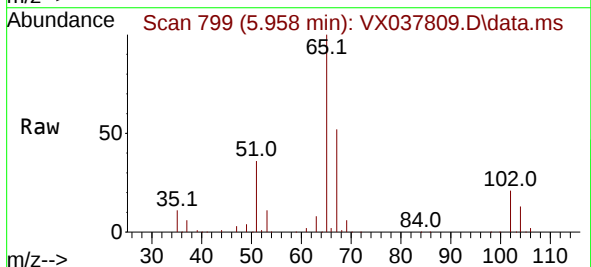
Instrument :
MSVOA_X
ClientSampleId :
MWC

Tgt Ion: 84 Resp: 2647
Ion Ratio Lower Upper
84 100
49 98.6 103.6 155.4#
51 29.5 33.8 50.6#
86 57.7 49.4 74.0



#33
1,2-Dichloroethane-d4
Concen: 47.014 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037809.D
Acq: 19 Sep 2023 16:26

Tgt Ion: 65 Resp: 142321
Ion Ratio Lower Upper
65 100
67 53.2 0.0 100.2

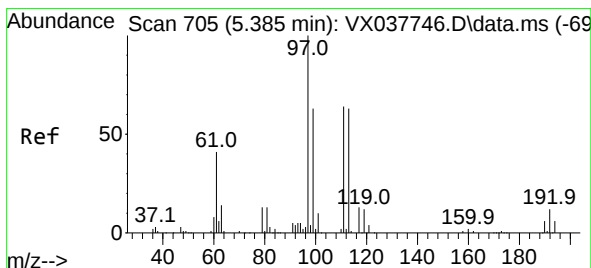
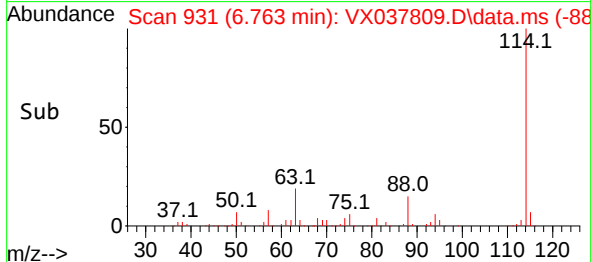
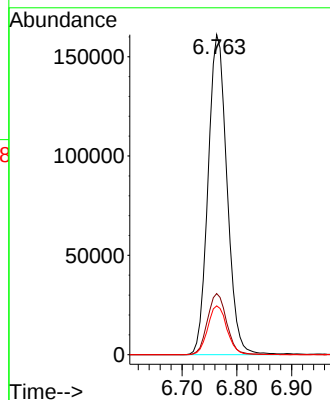
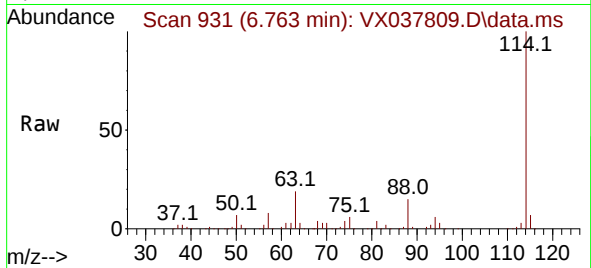




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX037809.D
 Acq: 19 Sep 2023 16:26

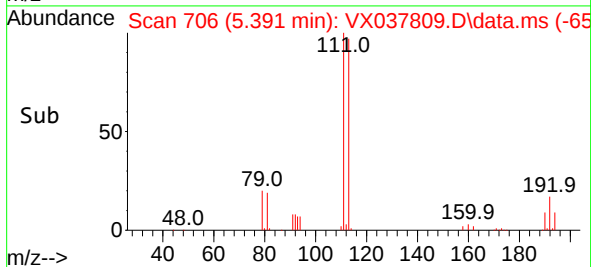
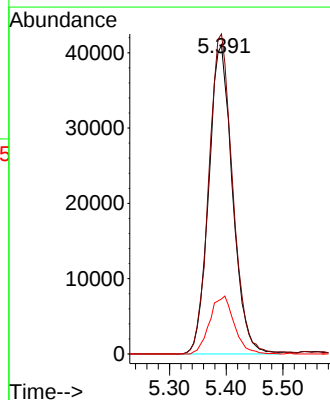
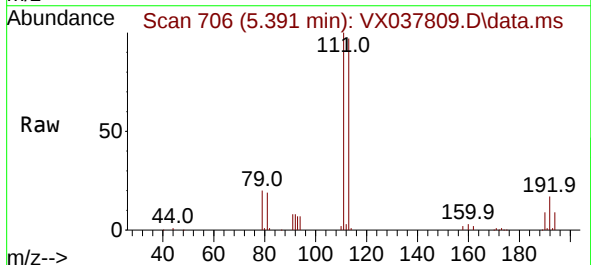
Instrument :
 MSVOA_X
 ClientSampleId :
 MWC

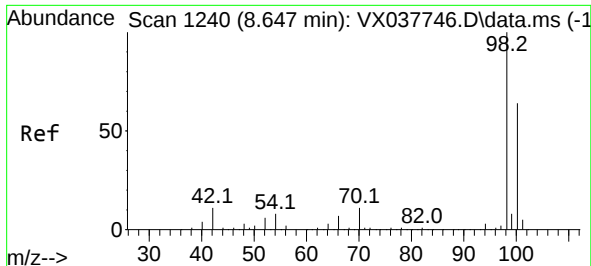
Tgt Ion:114 Resp: 384868
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 45.0
 88 15.2 0.0 36.6



#35
 Dibromofluoromethane
 Concen: 46.313 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. 0.006 min
 Lab File: VX037809.D
 Acq: 19 Sep 2023 16:26

Tgt Ion:113 Resp: 119265
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.9 124.3
 192 19.3 13.3 19.9





#50

Toluene-d8

Concen: 49.146 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX037809.D

Acq: 19 Sep 2023 16:26

Instrument :

MSVOA_X

ClientSampleId :

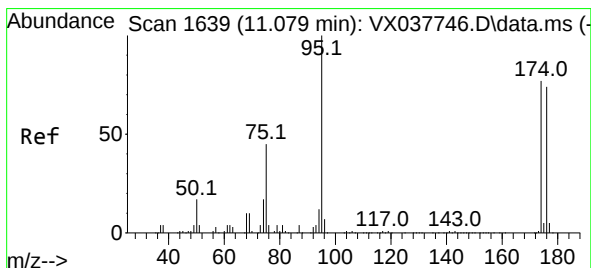
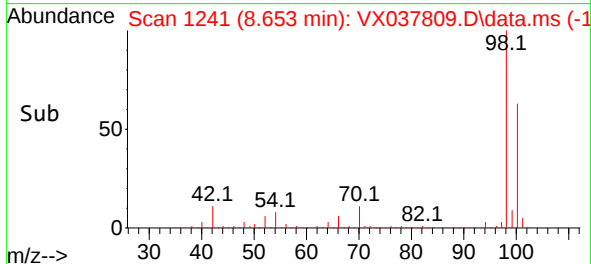
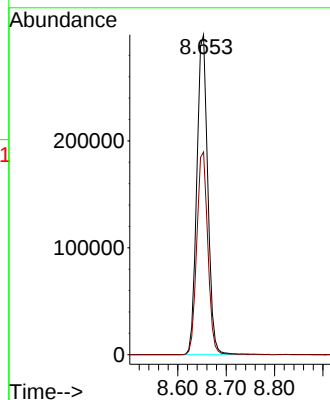
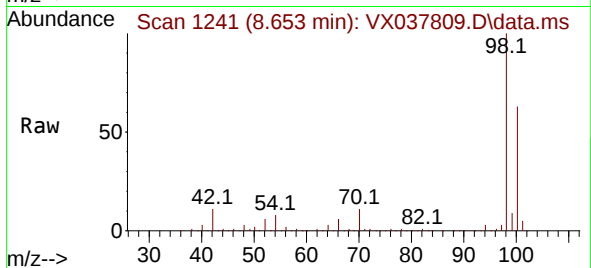
MWC

Tgt Ion: 98 Resp: 470247

Ion Ratio Lower Upper

98 100

100 63.8 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 50.143 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX037809.D

Acq: 19 Sep 2023 16:26

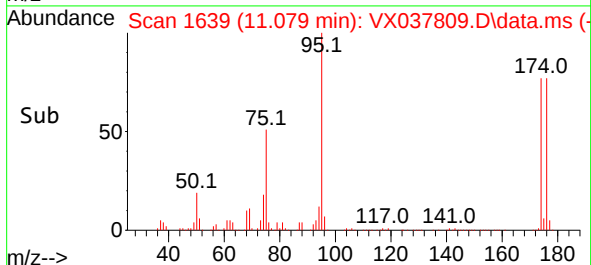
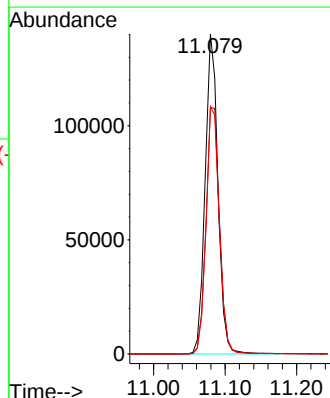
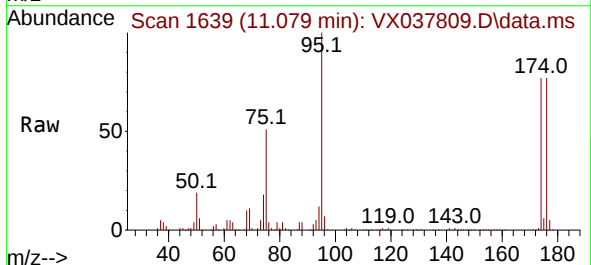
Tgt Ion: 95 Resp: 174344

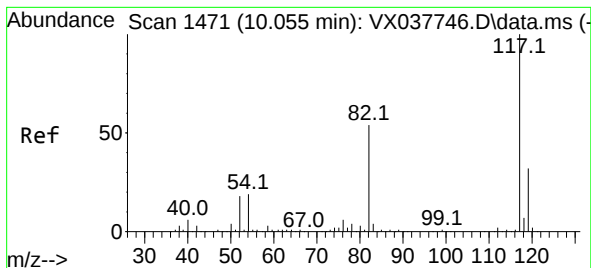
Ion Ratio Lower Upper

95 100

174 81.8 0.0 135.6

176 79.9 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: VX037809.D

Acq: 19 Sep 2023 16:26

Instrument :

MSVOA_X

ClientSampleId :

MWC

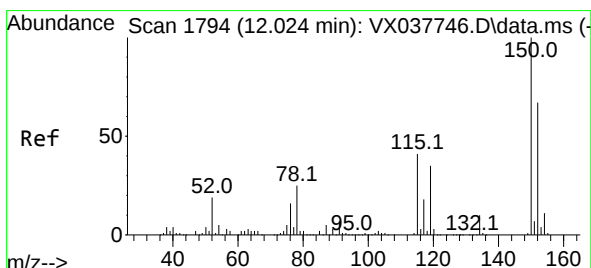
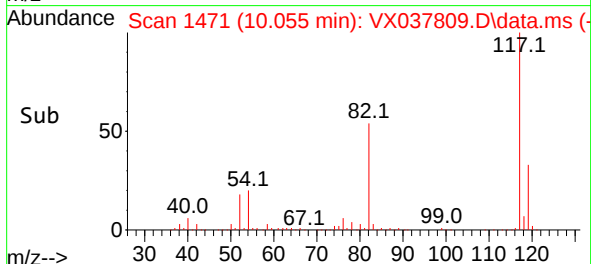
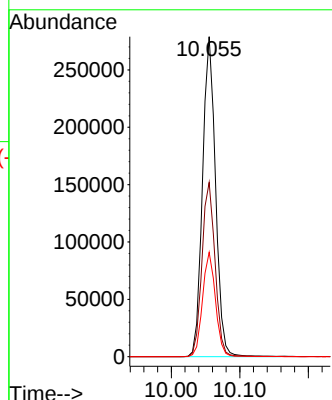
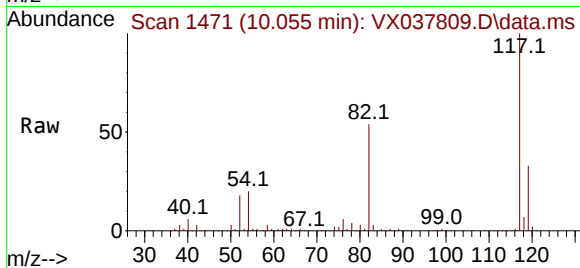
Tgt Ion:117 Resp: 369613

Ion Ratio Lower Upper

117 100

82 54.4 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: VX037809.D

Acq: 19 Sep 2023 16:26

Tgt Ion:152 Resp: 191880

Ion Ratio Lower Upper

152 100

115 59.8 43.3 129.9

150 156.2 0.0 345.0

