

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101223\
 Data File : VX038261.D
 Acq On : 12 Oct 2023 16:59
 Operator : JC/MD
 Sample : 04875-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-101023

Quant Time: Oct 13 04:52:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

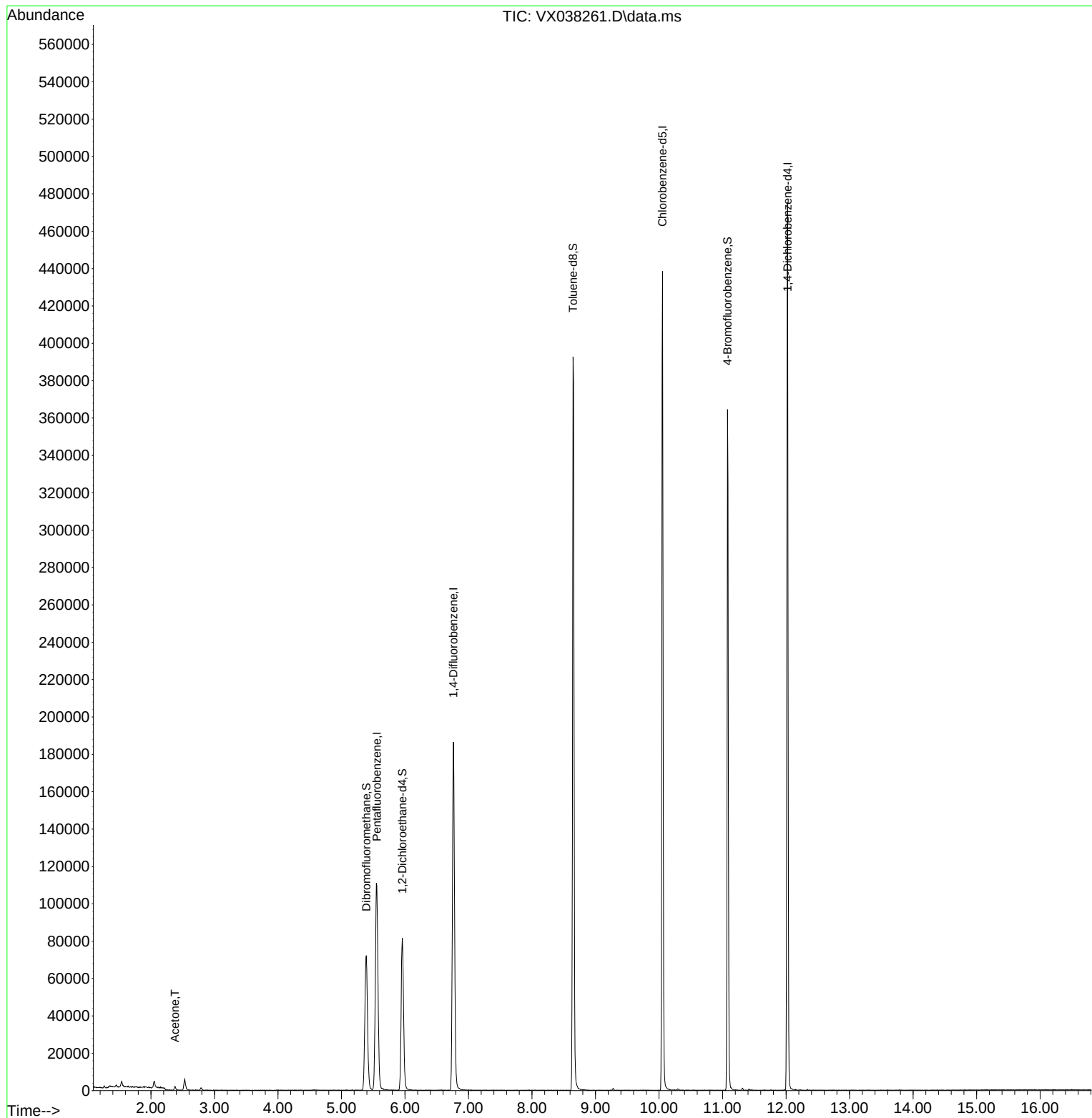
Internal Standards						
1) Pentafluorobenzene	5.556	168	103973	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	187963	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99134	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79523	47.552	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.100%
35) Dibromofluoromethane	5.391	113	62206	45.929	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.860%
50) Toluene-d8	8.647	98	240347	46.440	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.880%
62) 4-Bromofluorobenzene	11.079	95	91851	46.813	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.620%
Target Compounds						
16) Acetone	2.380	43	2240	3.209	ug/l	Qvalue 95

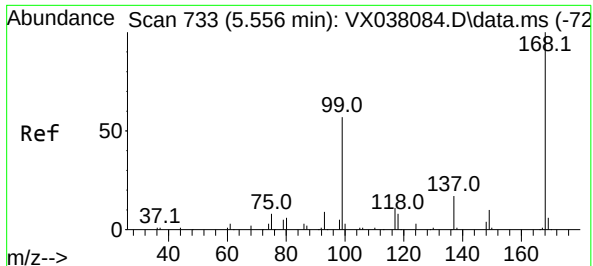
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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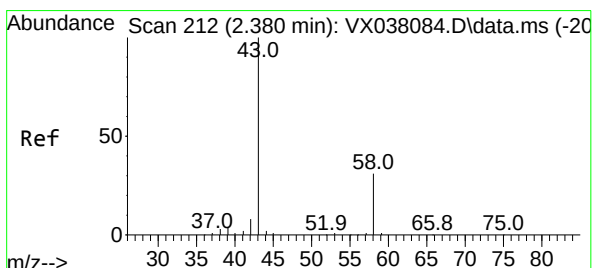
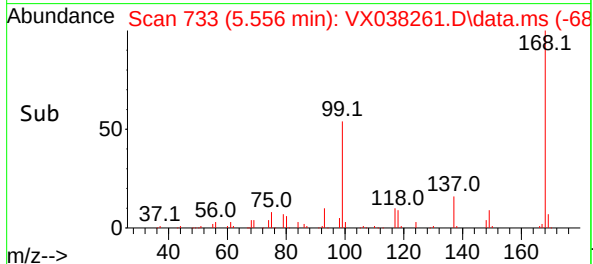
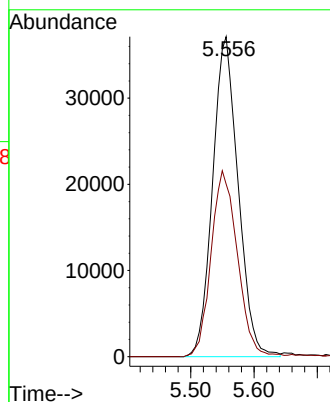
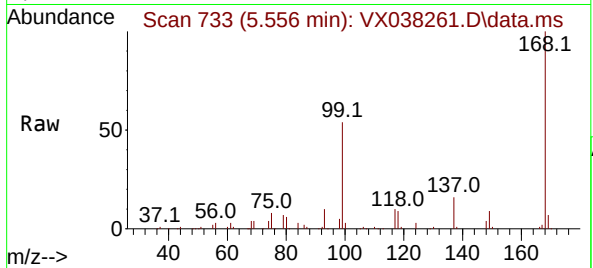




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038261.D
Acq: 12 Oct 2023 16:59

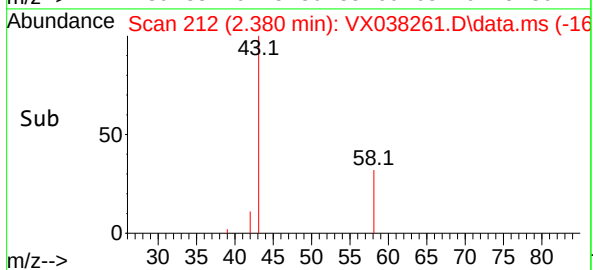
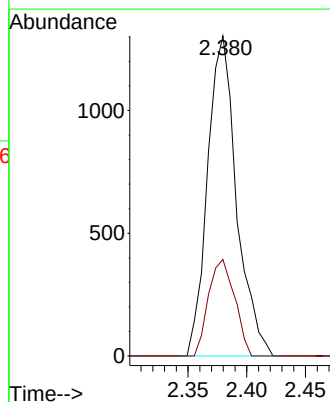
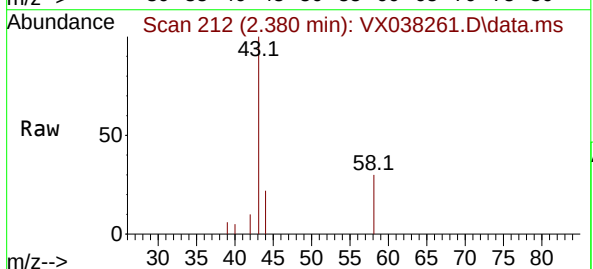
Instrument :
MSVOA_X
ClientSampleId :
FB-101023

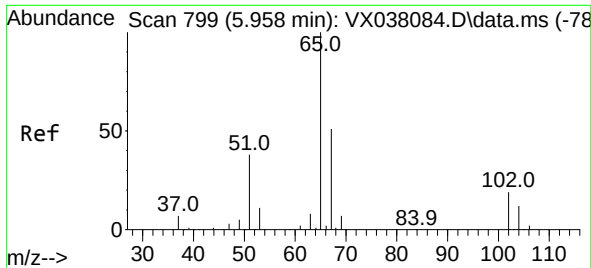
Tgt Ion:168 Resp: 103973
Ion Ratio Lower Upper
168 100
99 53.9 56.6 85.0#



#16
Acetone
Concen: 3.209 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038261.D
Acq: 12 Oct 2023 16:59

Tgt Ion: 43 Resp: 2240
Ion Ratio Lower Upper
43 100
58 30.1 21.9 32.9

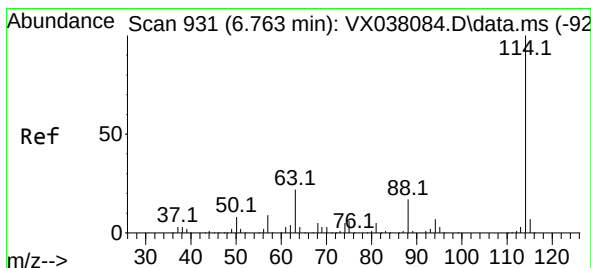
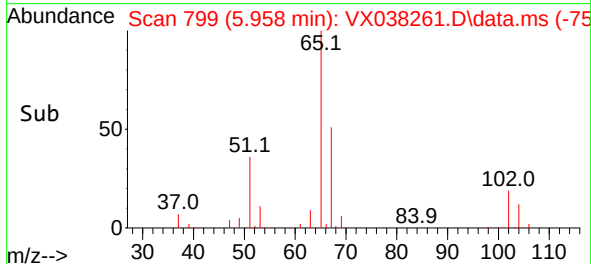
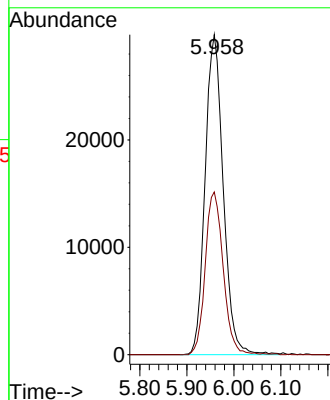
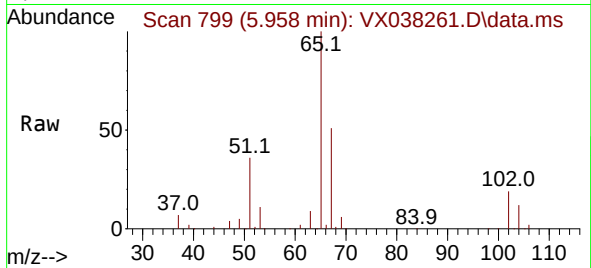




#33
 1,2-Dichloroethane-d4
 Concen: 47.552 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038261.D
 Acq: 12 Oct 2023 16:59

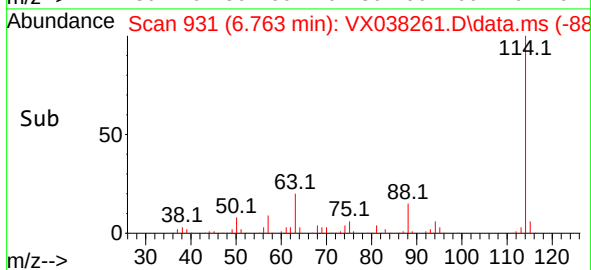
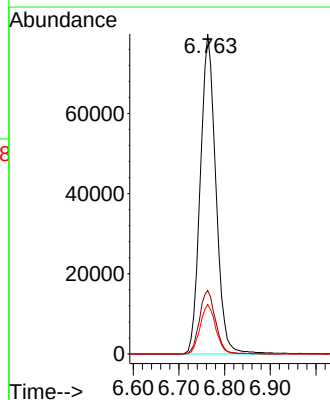
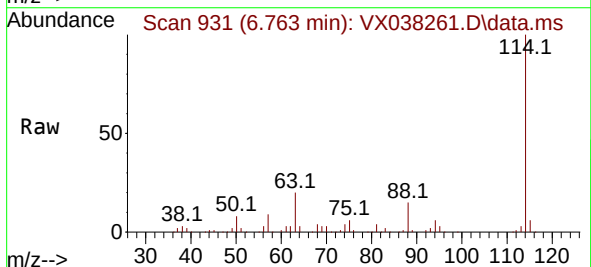
Instrument :
 MSVOA_X
 ClientSampleId :
 FB-101023

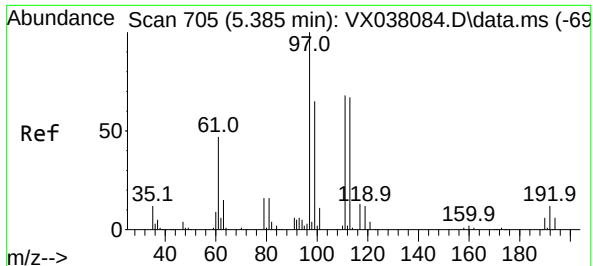
Tgt Ion: 65 Resp: 79523
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX038261.D
 Acq: 12 Oct 2023 16:59

Tgt Ion: 114 Resp: 187963
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 45.0
 88 15.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.929 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX038261.D

Acq: 12 Oct 2023 16:59

Instrument :

MSVOA_X

ClientSampleId :

FB-101023

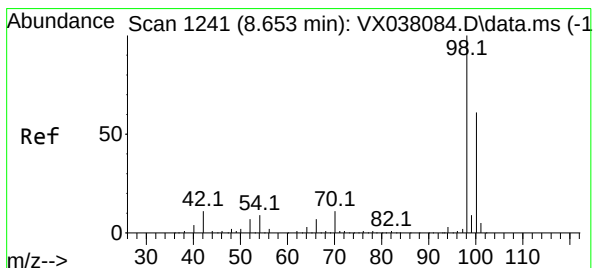
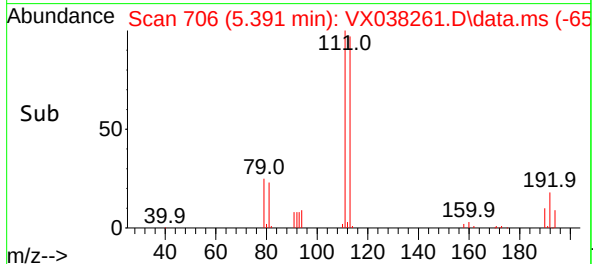
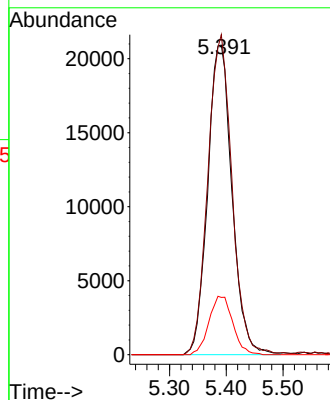
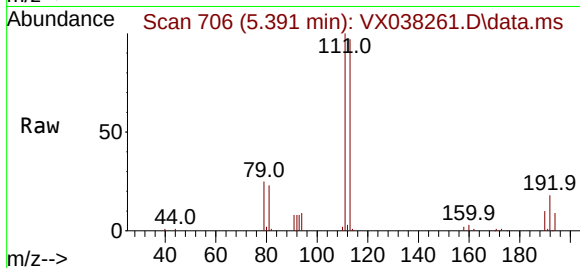
Tgt Ion:113 Resp: 62206

Ion Ratio Lower Upper

113 100

111 103.0 82.9 124.3

192 18.5 13.3 19.9



#50

Toluene-d8

Concen: 46.440 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX038261.D

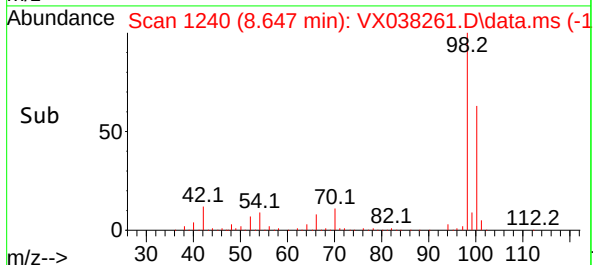
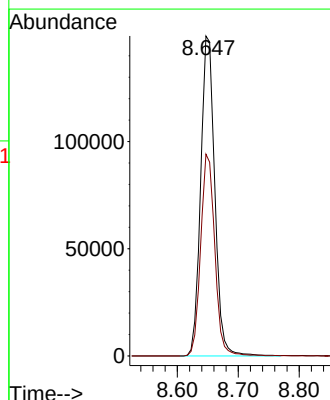
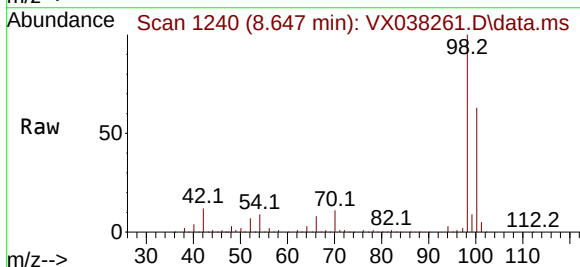
Acq: 12 Oct 2023 16:59

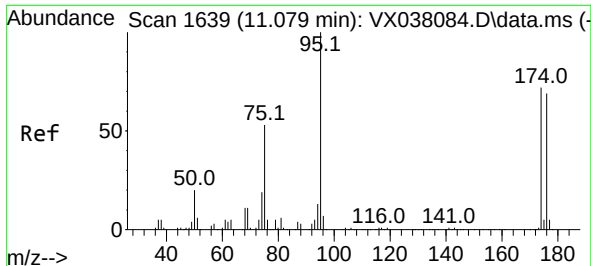
Tgt Ion: 98 Resp: 240347

Ion Ratio Lower Upper

98 100

100 63.2 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 46.813 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038261.D

Acq: 12 Oct 2023 16:59

Instrument :

MSVOA_X

ClientSampleId :

FB-101023

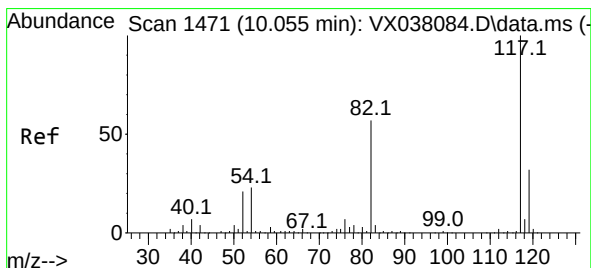
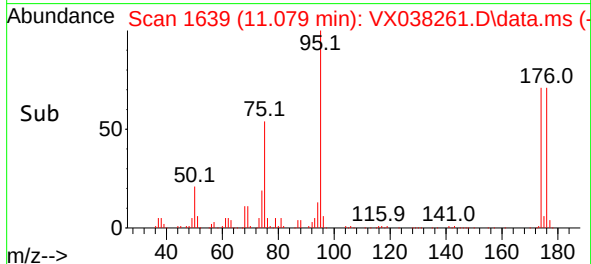
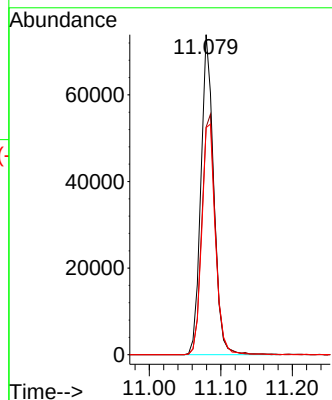
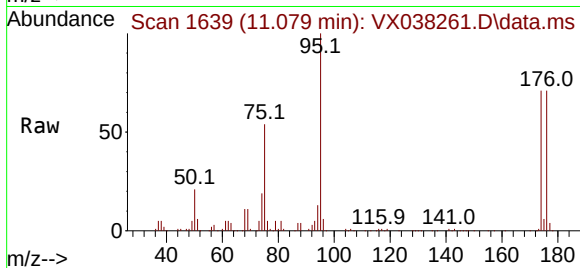
Tgt Ion: 95 Resp: 91851

Ion Ratio Lower Upper

95 100

174 79.9 0.0 135.6

176 77.0 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: VX038261.D

Acq: 12 Oct 2023 16:59

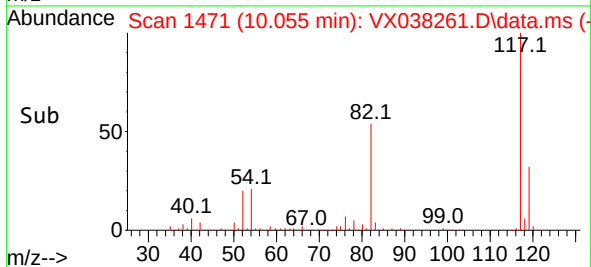
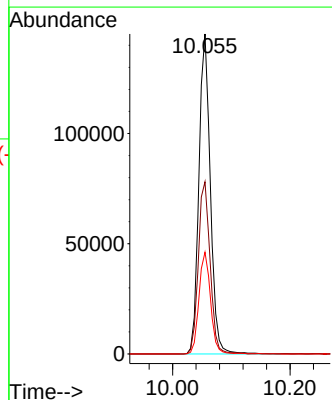
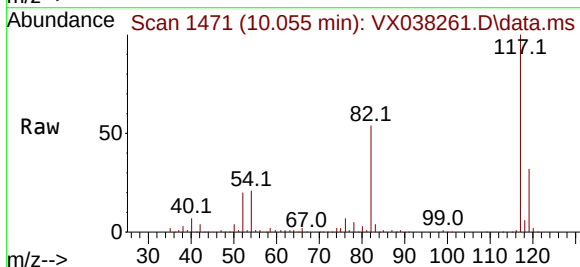
Tgt Ion: 117 Resp: 196117

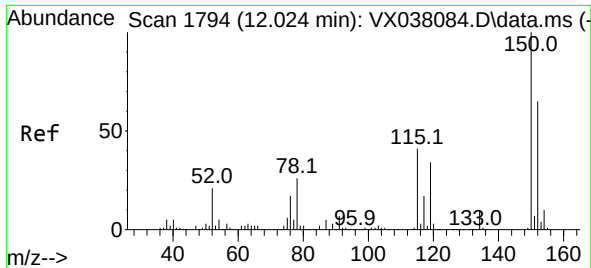
Ion Ratio Lower Upper

117 100

82 53.8 46.2 69.4

119 31.8 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: VX038261.D
 Acq: 12 Oct 2023 16:59

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-101023

Tgt Ion:152 Resp: 99134
 Ion Ratio Lower Upper
 152 100
 115 60.9 43.3 129.9
 150 158.8 0.0 345.0

