

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102323\
 Data File : VX038426.D
 Acq On : 23 Oct 2023 12:45
 Operator : JC/MD
 Sample : 04985-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-101823

Quant Time: Oct 24 00:00:44 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)

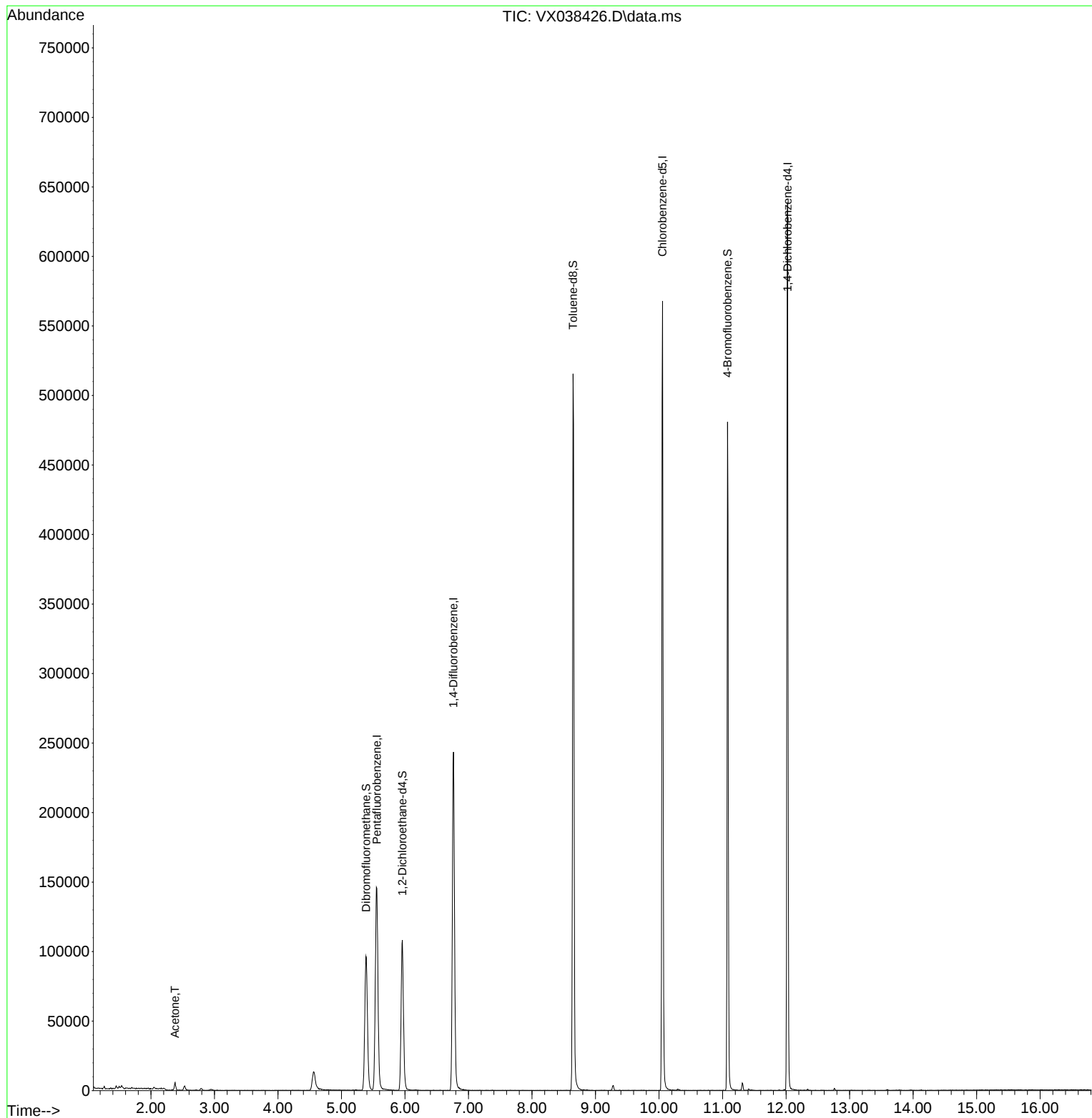
Internal Standards						
1) Pentafluorobenzene	5.556	168	141667	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	252700	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	259948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	136071	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	100758	44.219	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.440%
35) Dibromofluoromethane	5.385	113	83313	45.755	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.500%
50) Toluene-d8	8.647	98	315462	45.338	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.680%#
62) 4-Bromofluorobenzene	11.079	95	119853	45.436	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.880%
Target Compounds						
16) Acetone	2.379	43	5237	5.507	ug/l	# 82

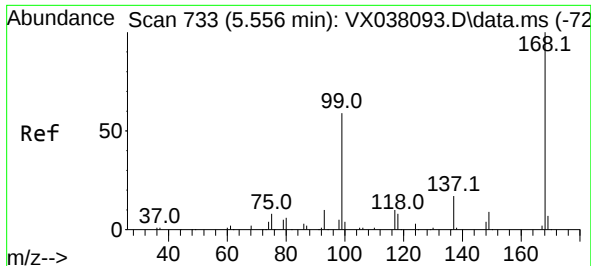
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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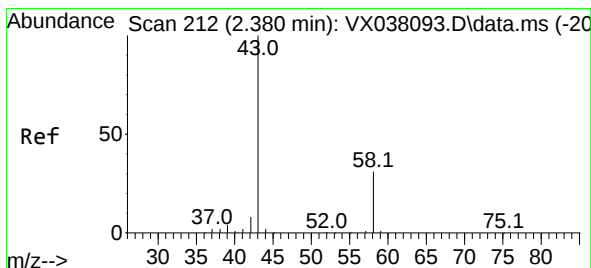
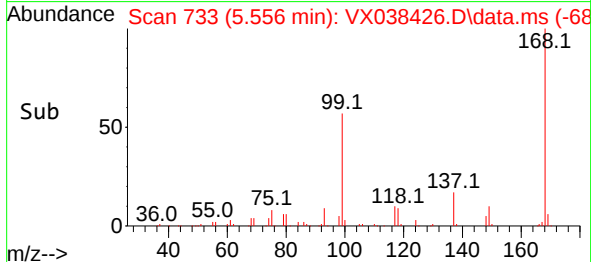
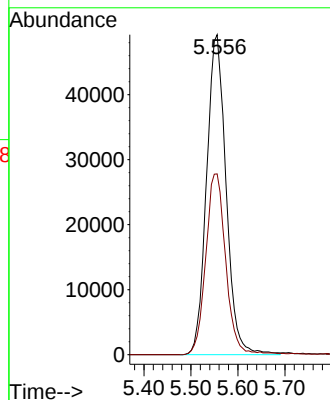
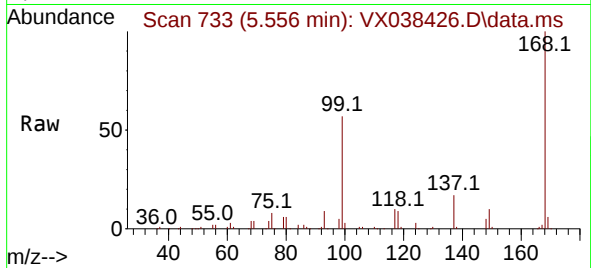




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038426.D
Acq: 23 Oct 2023 12:45

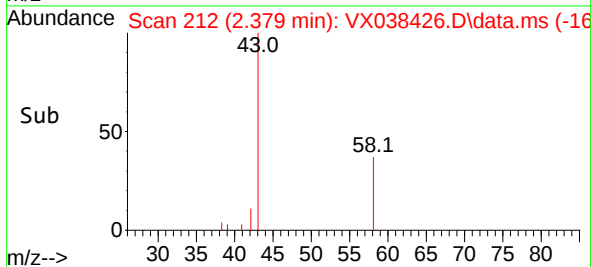
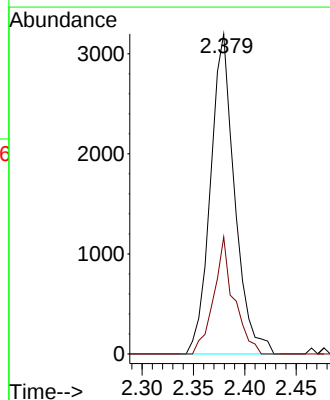
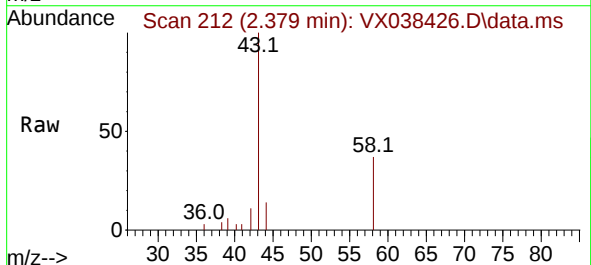
Instrument :
MSVOA_X
ClientSampleId :
FB-101823

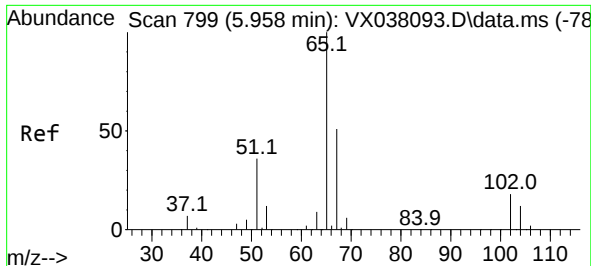
Tgt Ion:168 Resp: 141667
Ion Ratio Lower Upper
168 100
99 56.5 56.6 85.0#



#16
Acetone
Concen: 5.507 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX038426.D
Acq: 23 Oct 2023 12:45

Tgt Ion: 43 Resp: 5237
Ion Ratio Lower Upper
43 100
58 36.6 21.9 32.9#

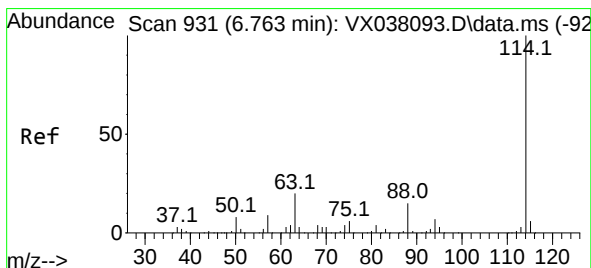
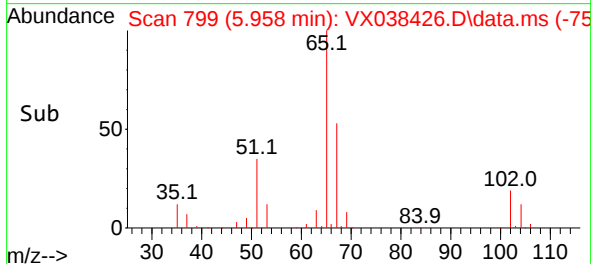
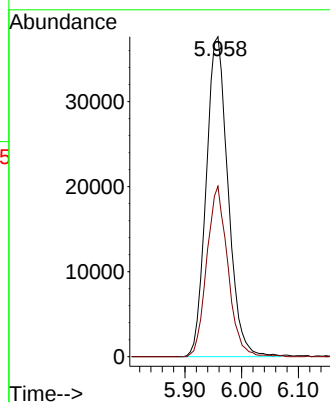
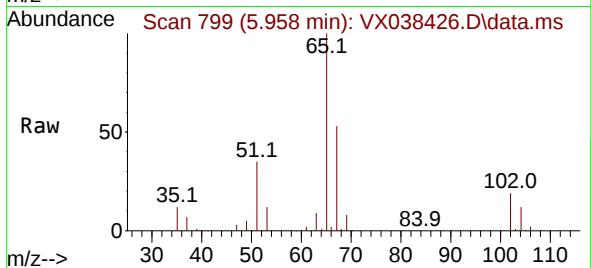




#33
 1,2-Dichloroethane-d4
 Concen: 44.219 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038426.D
 Acq: 23 Oct 2023 12:45

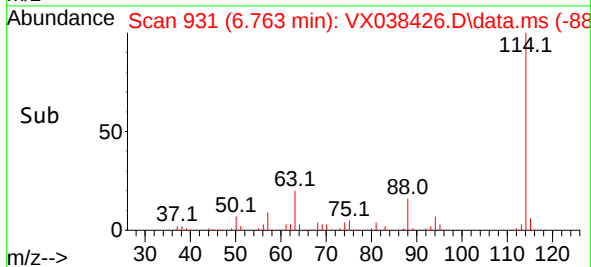
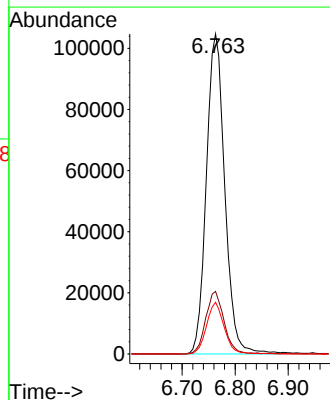
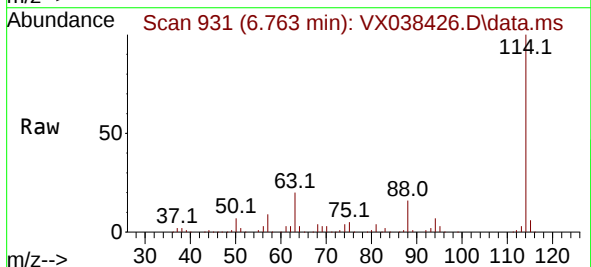
Instrument :
 MSVOA_X
 ClientSampleId :
 FB-101823

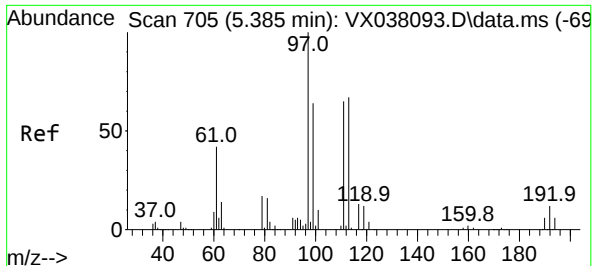
Tgt Ion: 65 Resp: 100758
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX038426.D
 Acq: 23 Oct 2023 12:45

Tgt Ion: 114 Resp: 252700
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 45.0
 88 16.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.755 ug/l

RT: 5.385 min Scan# 70

Delta R.T. 0.000 min

Lab File: VX038426.D

Acq: 23 Oct 2023 12:45

Instrument :

MSVOA_X

ClientSampleId :

FB-101823

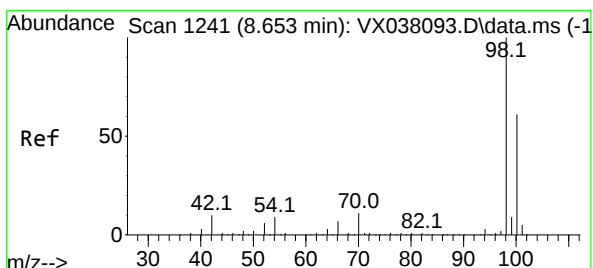
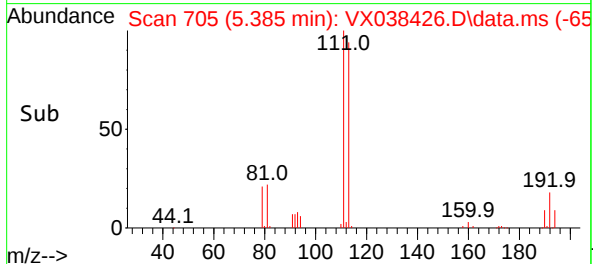
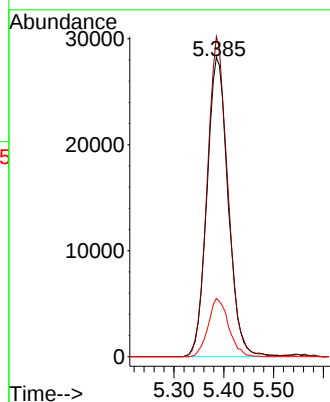
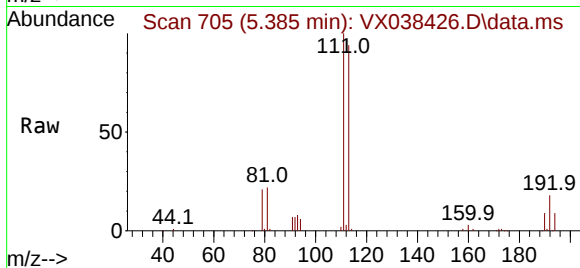
Tgt Ion:113 Resp: 83313

Ion Ratio Lower Upper

113 100

111 103.5 82.9 124.3

192 18.8 13.3 19.9



#50

Toluene-d8

Concen: 45.338 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX038426.D

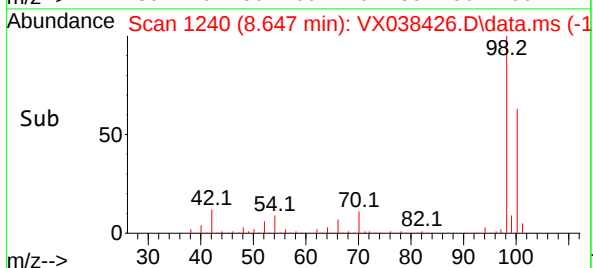
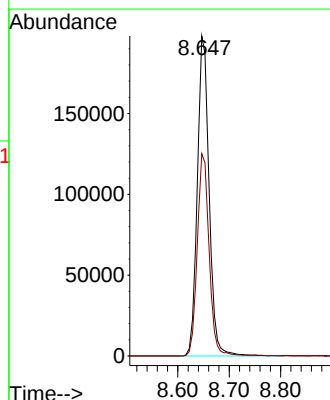
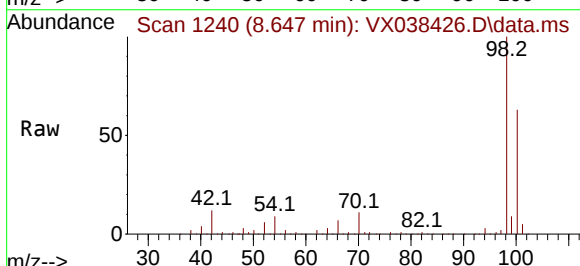
Acq: 23 Oct 2023 12:45

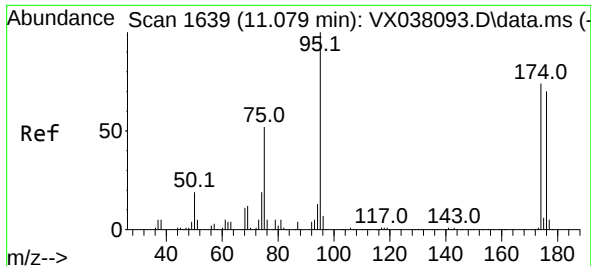
Tgt Ion: 98 Resp: 315462

Ion Ratio Lower Upper

98 100

100 63.6 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 45.436 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038426.D

Acq: 23 Oct 2023 12:45

Instrument :

MSVOA_X

ClientSampleId :

FB-101823

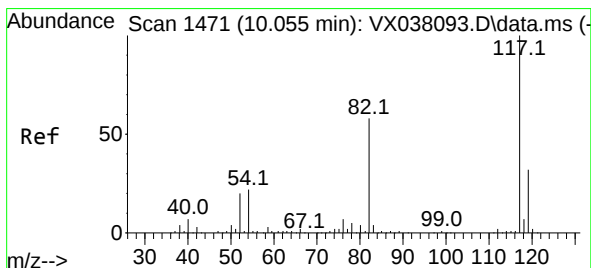
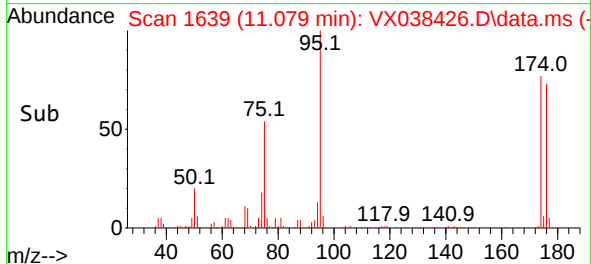
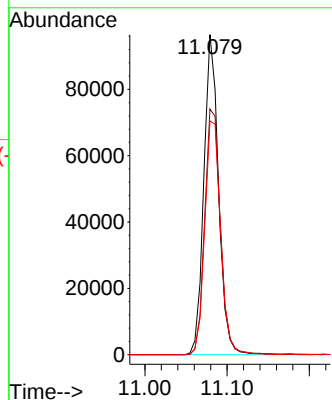
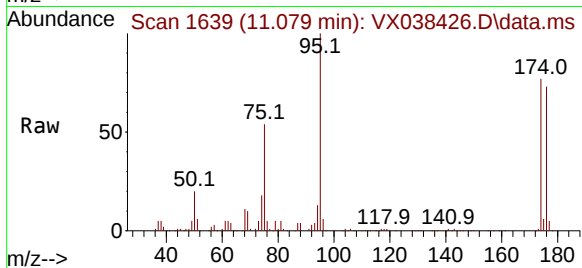
Tgt Ion: 95 Resp: 119853

Ion Ratio Lower Upper

95 100

174 82.2 0.0 135.6

176 79.1 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: VX038426.D

Acq: 23 Oct 2023 12:45

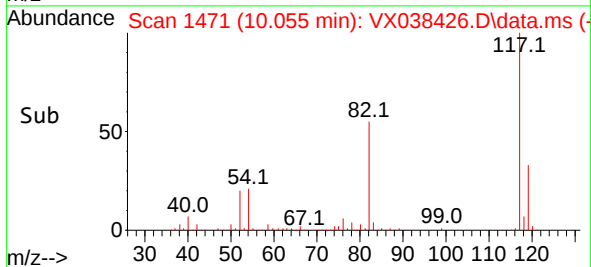
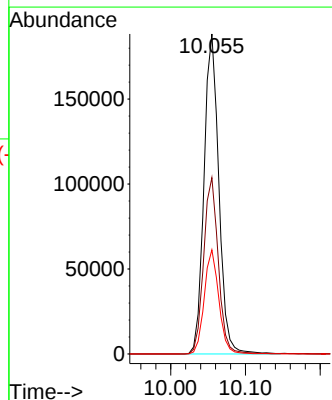
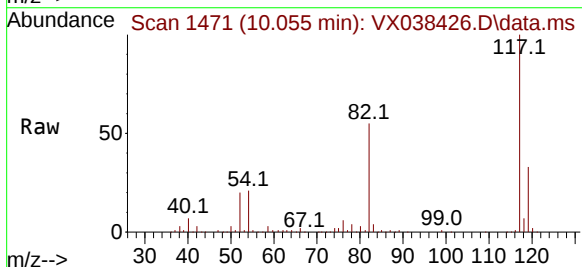
Tgt Ion: 117 Resp: 259948

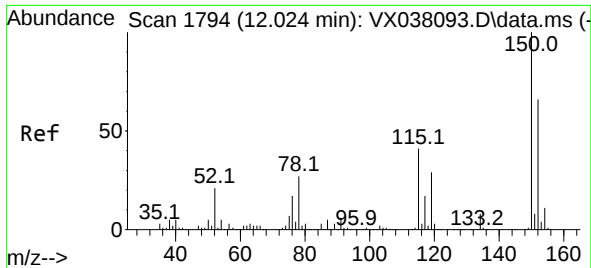
Ion Ratio Lower Upper

117 100

82 55.1 46.2 69.4

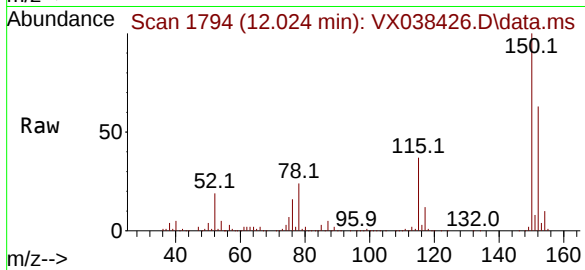
119 32.5 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038426.D
 Acq: 23 Oct 2023 12:45

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-101823



Tgt Ion:152 Resp: 136071
 Ion Ratio Lower Upper
 152 100
 115 59.8 43.3 129.9
 150 155.9 0.0 345.0

