

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101123\
 Data File : VX038229.D
 Acq On : 11 Oct 2023 15:09
 Operator : JC/MD
 Sample : 04803-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-100523

Quant Time: Oct 12 02:45:47 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)

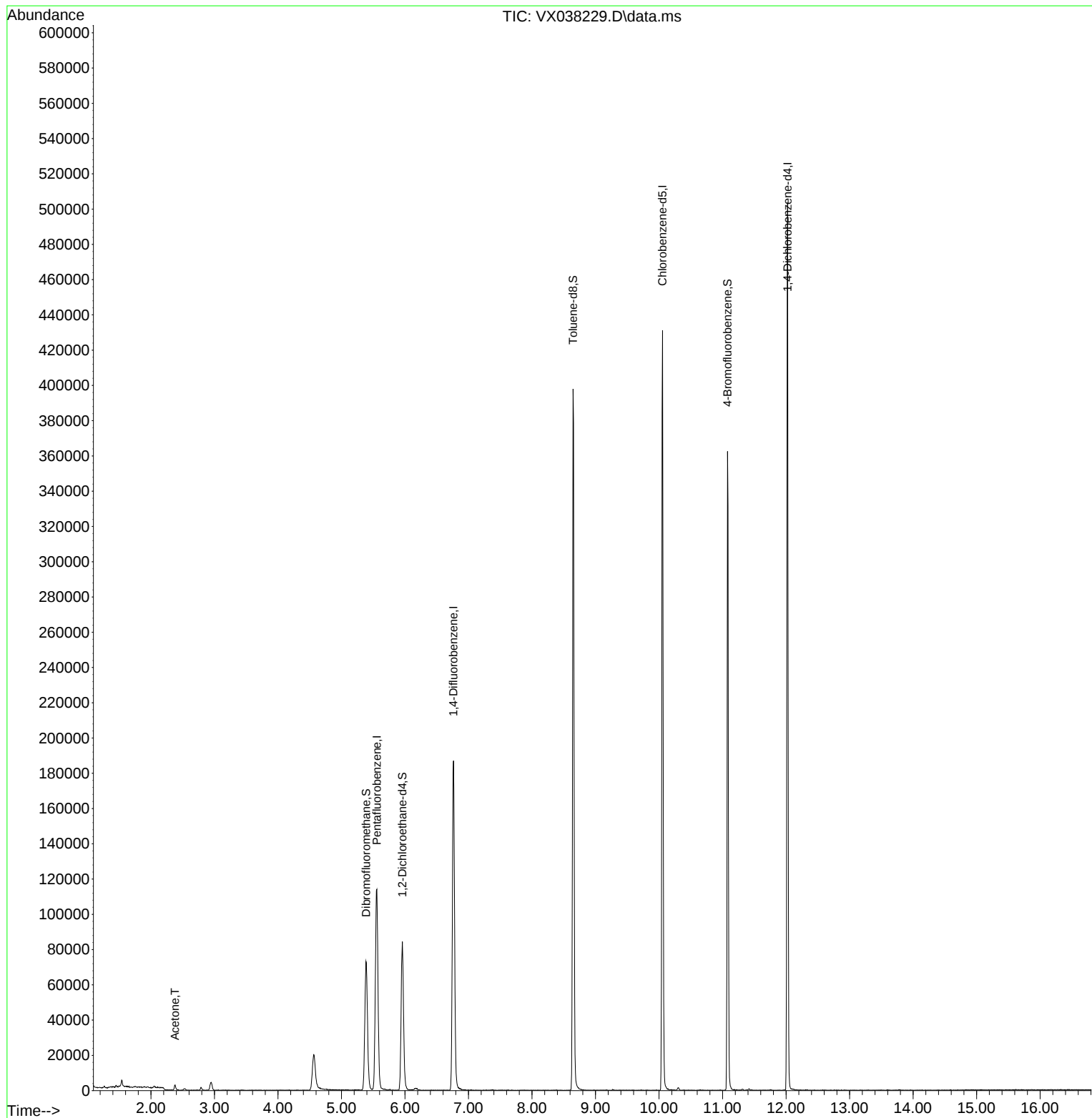
Internal Standards						
1) Pentafluorobenzene	5.556	168	108423	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	192274	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	193712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101501	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80343	46.070	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.140%
35) Dibromofluoromethane	5.385	113	62721	45.271	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.540%
50) Toluene-d8	8.647	98	241425	45.602	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.200%#
62) 4-Bromofluorobenzene	11.079	95	90568	45.124	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.240%
Target Compounds						
16) Acetone	2.379	43	3104	4.265	ug/l	Qvalue 94

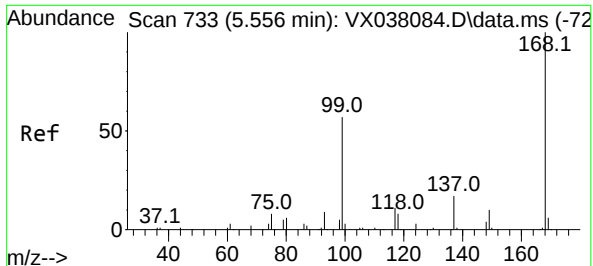
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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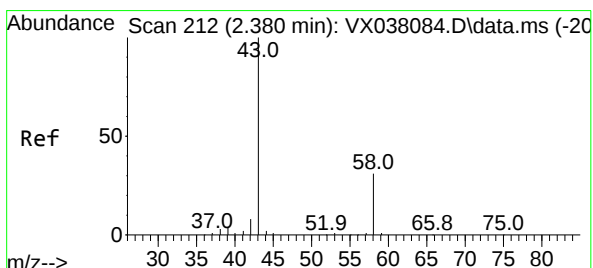
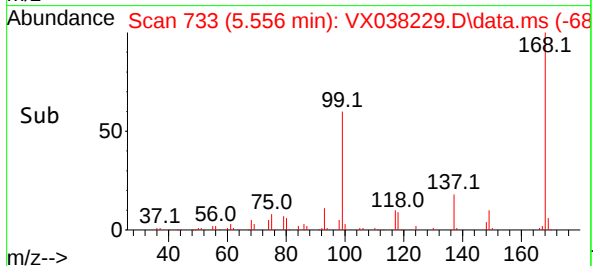
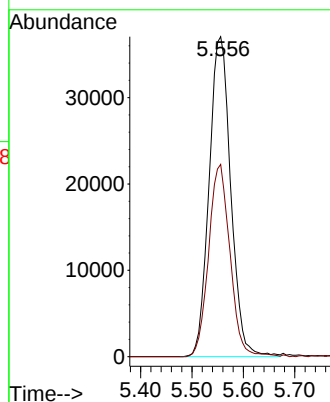
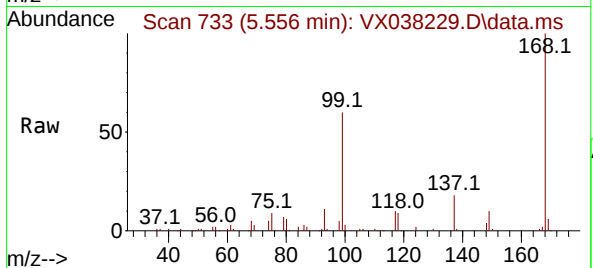




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX038229.D
Acq: 11 Oct 2023 15:09

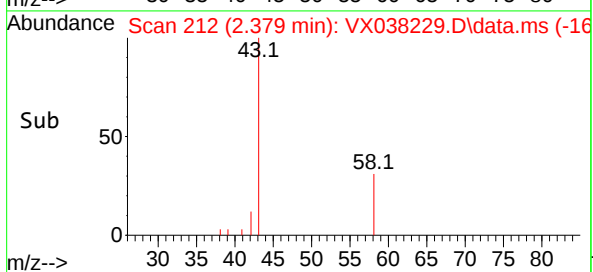
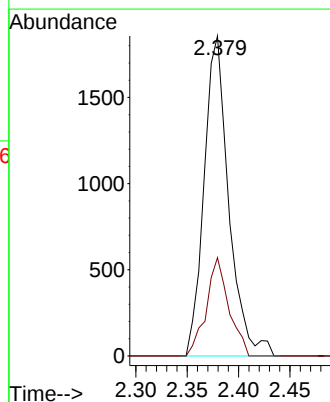
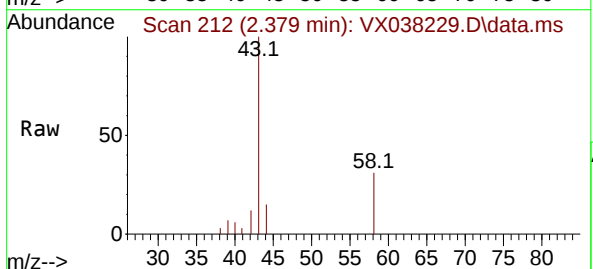
Instrument :
MSVOA_X
ClientSampleId :
FB-100523

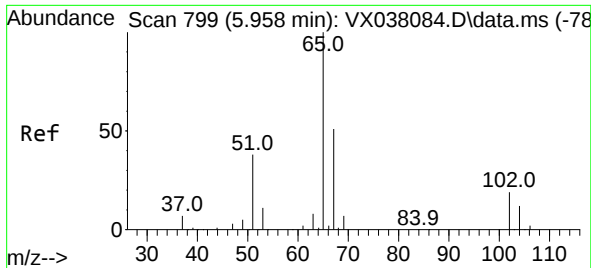
Tgt Ion:168 Resp: 108423
Ion Ratio Lower Upper
168 100
99 60.1 56.6 85.0



#16
Acetone
Concen: 4.265 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX038229.D
Acq: 11 Oct 2023 15:09

Tgt Ion: 43 Resp: 3104
Ion Ratio Lower Upper
43 100
58 30.7 21.9 32.9

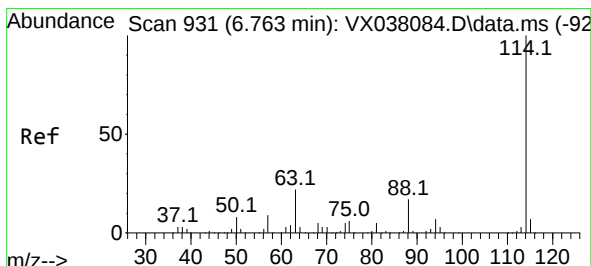
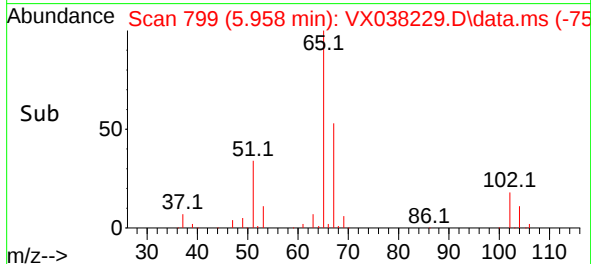
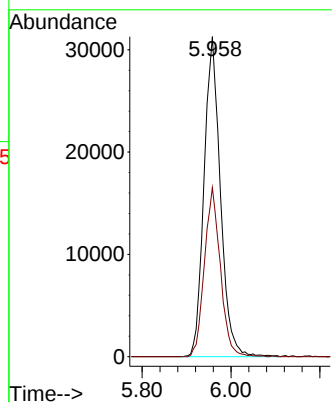
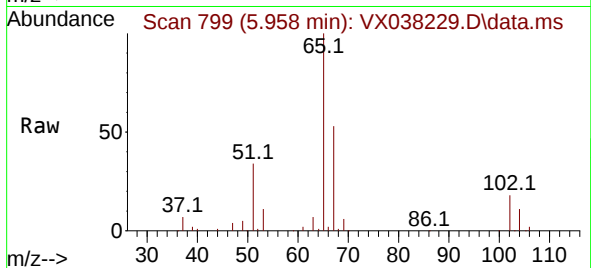




#33
 1,2-Dichloroethane-d4
 Concen: 46.070 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038229.D
 Acq: 11 Oct 2023 15:09

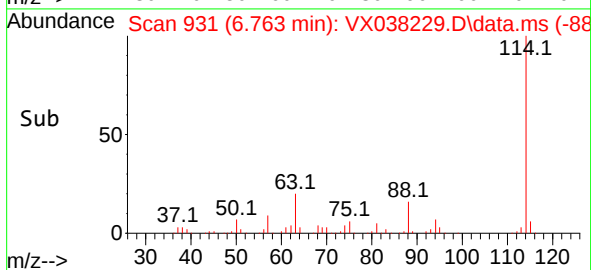
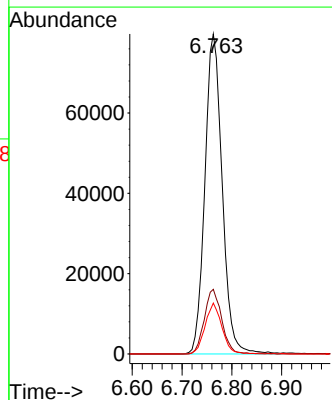
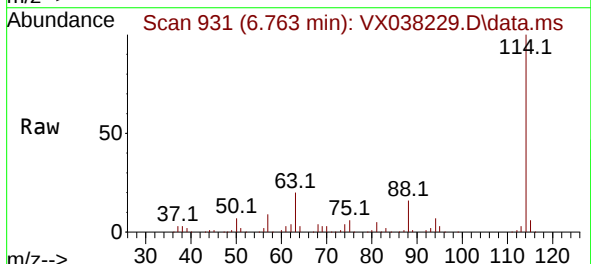
Instrument :
 MSVOA_X
 ClientSampleId :
 FB-100523

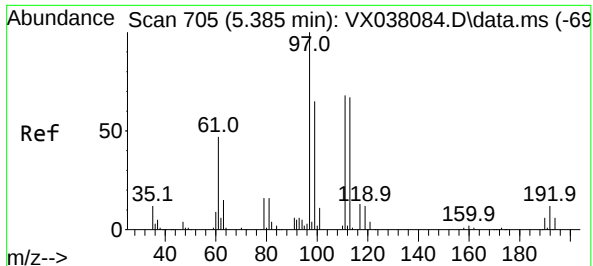
Tgt Ion: 65 Resp: 80343
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX038229.D
 Acq: 11 Oct 2023 15:09

Tgt Ion: 114 Resp: 192274
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 45.0
 88 15.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.271 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX038229.D

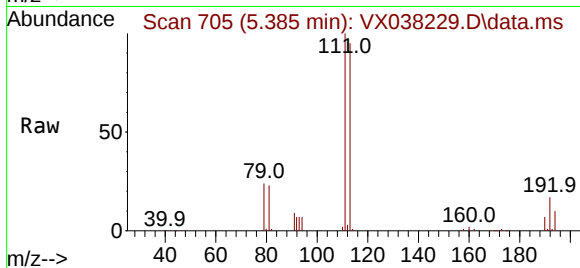
Acq: 11 Oct 2023 15:09

Instrument :

MSVOA_X

ClientSampleId :

FB-100523



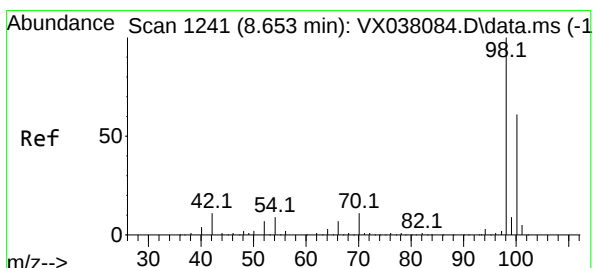
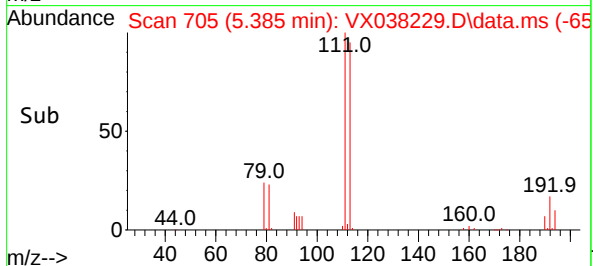
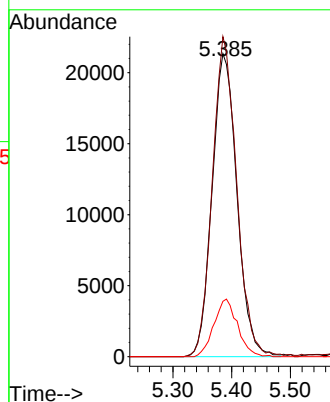
Tgt Ion:113 Resp: 62721

Ion Ratio Lower Upper

113 100

111 103.0 82.9 124.3

192 18.1 13.3 19.9



#50

Toluene-d8

Concen: 45.602 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX038229.D

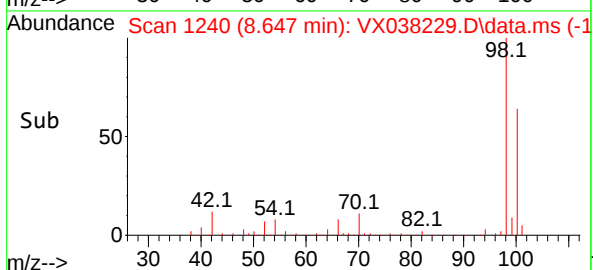
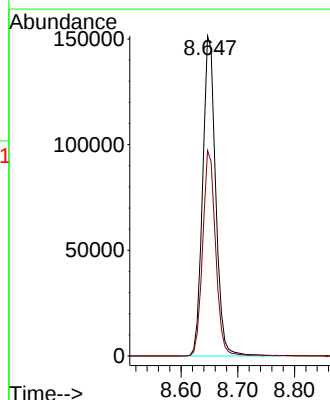
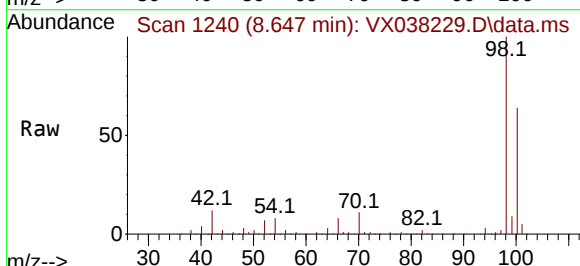
Acq: 11 Oct 2023 15:09

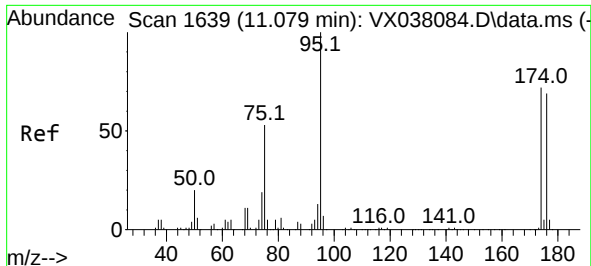
Tgt Ion: 98 Resp: 241425

Ion Ratio Lower Upper

98 100

100 63.6 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 45.124 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038229.D

Acq: 11 Oct 2023 15:09

Instrument :

MSVOA_X

ClientSampleId :

FB-100523

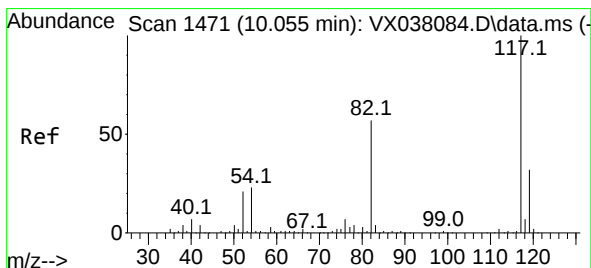
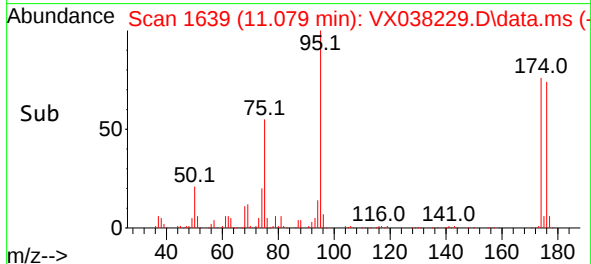
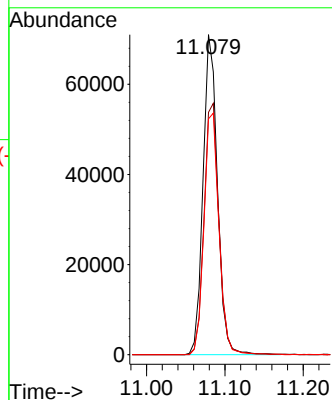
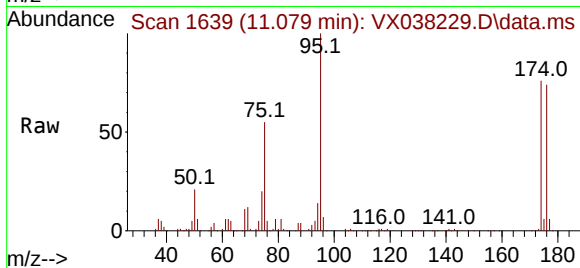
Tgt Ion: 95 Resp: 90568

Ion Ratio Lower Upper

95 100

174 81.5 0.0 135.6

176 78.6 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: VX038229.D

Acq: 11 Oct 2023 15:09

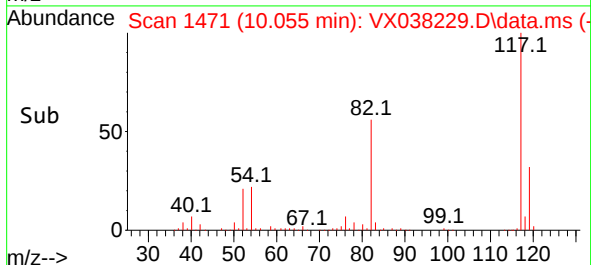
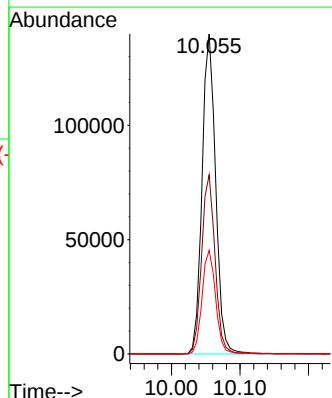
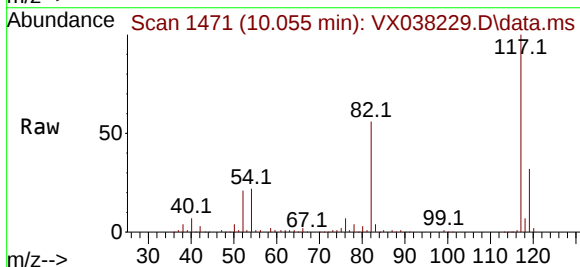
Tgt Ion: 117 Resp: 193712

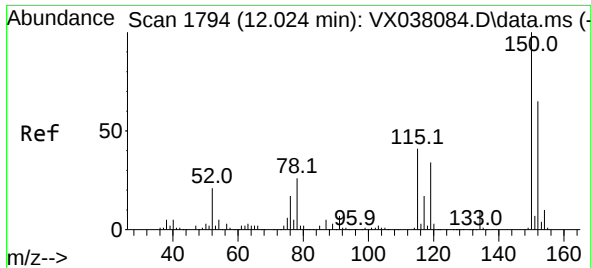
Ion Ratio Lower Upper

117 100

82 56.0 46.2 69.4

119 32.4 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: VX038229.D

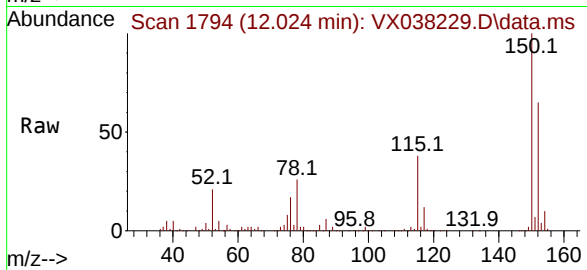
Acq: 11 Oct 2023 15:09

Instrument :

MSVOA_X

ClientSampleId :

FB-100523



Tgt Ion:152 Resp: 101501

Ion Ratio Lower Upper

152 100

115 59.8 43.3 129.9

150 157.5 0.0 345.0

