

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
 Data File : VX038137.D
 Acq On : 06 Oct 2023 17:41
 Operator : JC/MD
 Sample : 04794-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE137-BASIN-A-20231005

Quant Time: Oct 07 04:23:22 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)

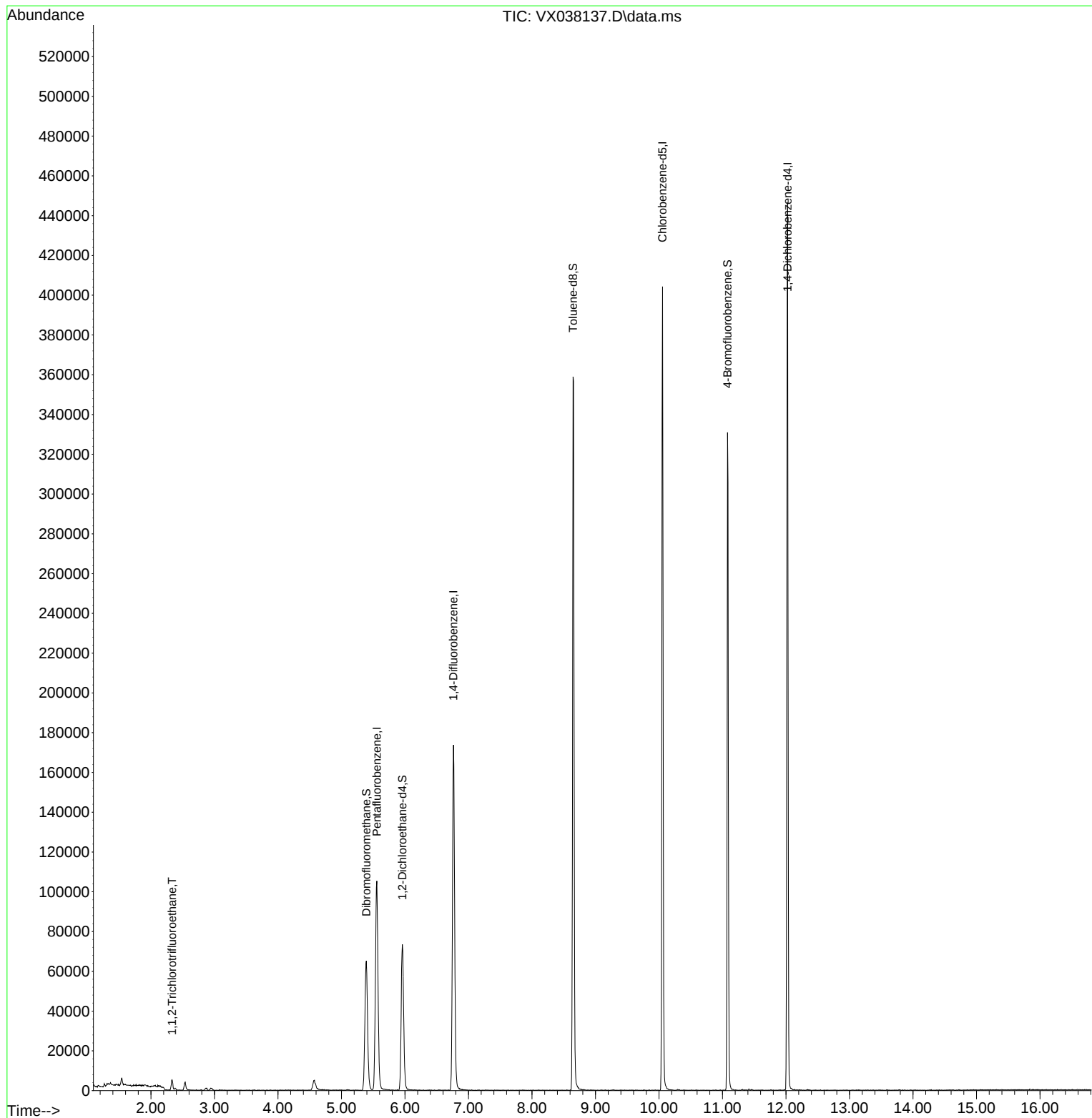
Internal Standards						
1) Pentafluorobenzene	5.556	168	98660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	176645	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176015	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92064	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72125	45.451	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.900%
35) Dibromofluoromethane	5.391	113	55840	43.870	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.740%
50) Toluene-d8	8.647	98	222582	45.763	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.520%#
62) 4-Bromofluorobenzene	11.079	95	83111	45.073	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.140%
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	2.331	101	2096	2.259	ug/l	Qvalue 97

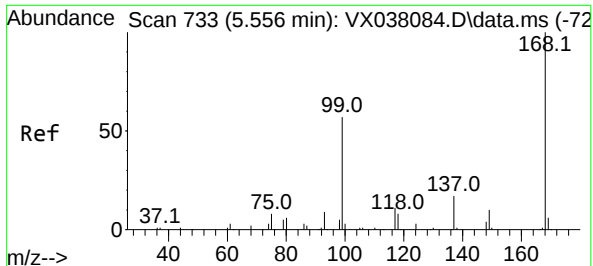
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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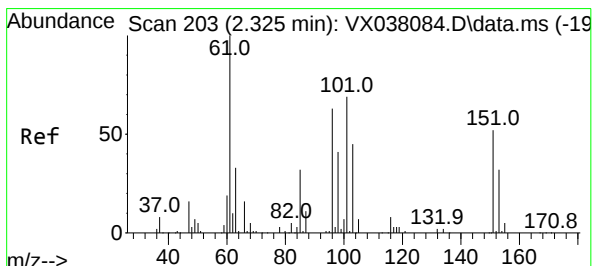
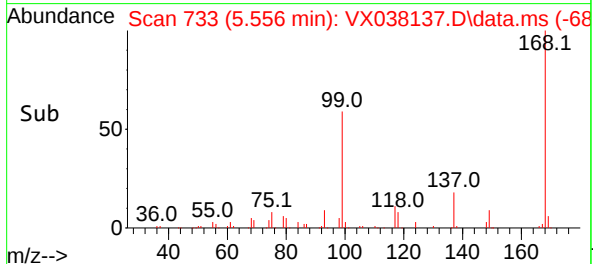
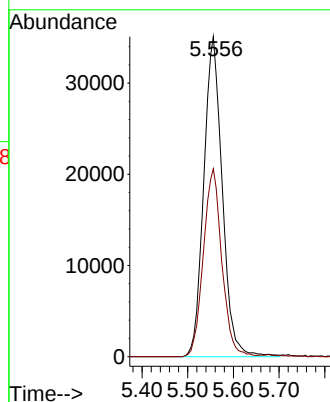
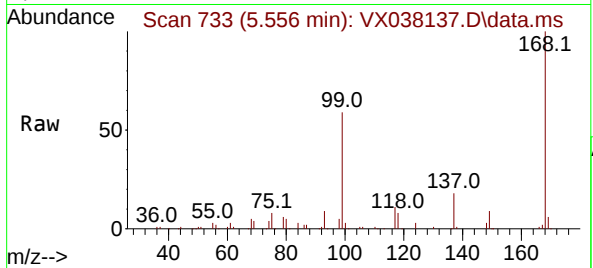




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX038137.D
Acq: 06 Oct 2023 17:41

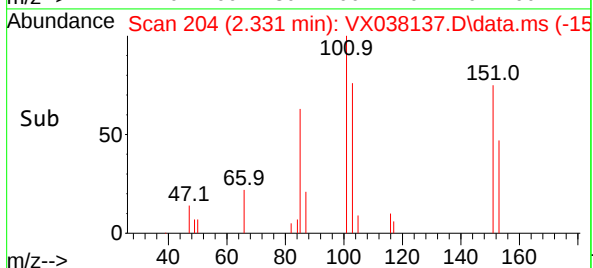
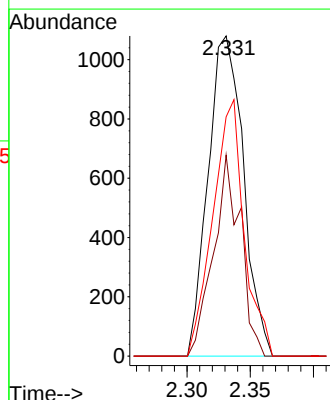
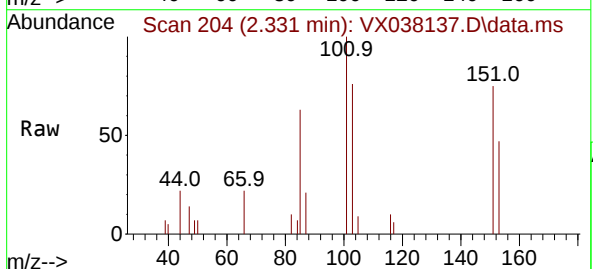
Instrument :
MSVOA_X
ClientSampleId :
RE137-BASIN-A-20231005

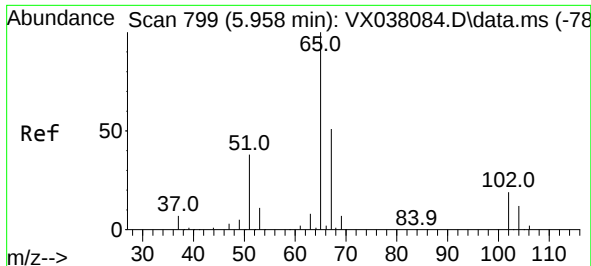
Tgt Ion:168 Resp: 98660
Ion Ratio Lower Upper
168 100
99 58.7 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.259 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX038137.D
Acq: 06 Oct 2023 17:41

Tgt Ion:101 Resp: 2096
Ion Ratio Lower Upper
101 100
85 48.3 37.0 55.6
151 70.9 58.6 87.8





#33

1,2-Dichloroethane-d4

Concen: 45.451 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038137.D

Acq: 06 Oct 2023 17:41

Instrument :

MSVOA_X

ClientSampleId :

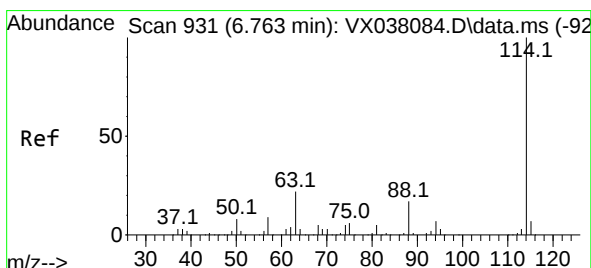
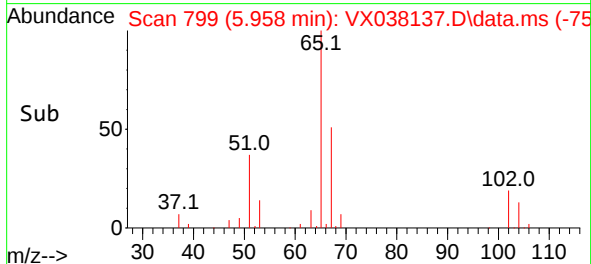
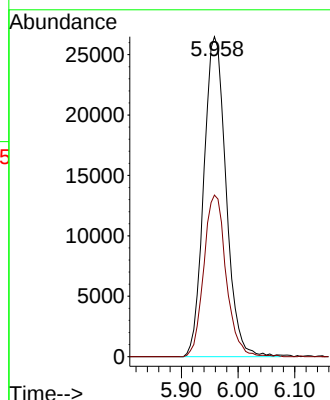
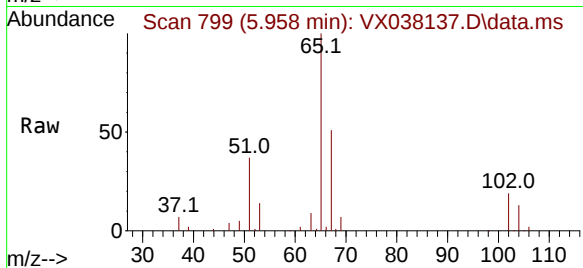
RE137-BASIN-A-20231005

Tgt Ion: 65 Resp: 72125

Ion Ratio Lower Upper

65 100

67 50.8 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: VX038137.D

Acq: 06 Oct 2023 17:41

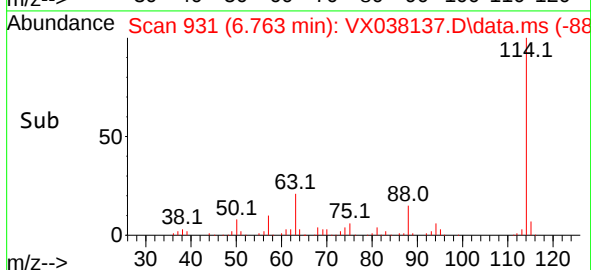
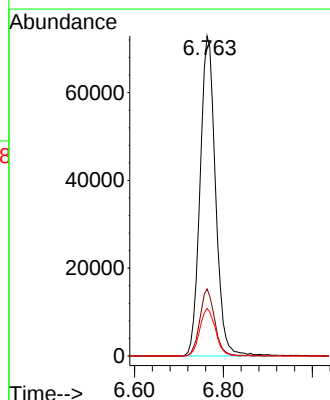
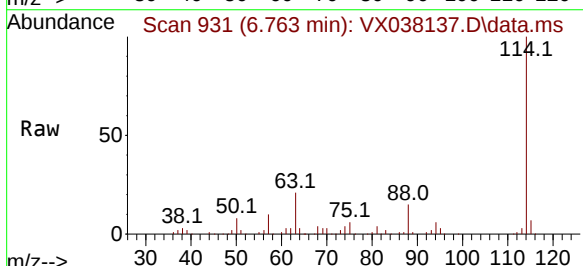
Tgt Ion: 114 Resp: 176645

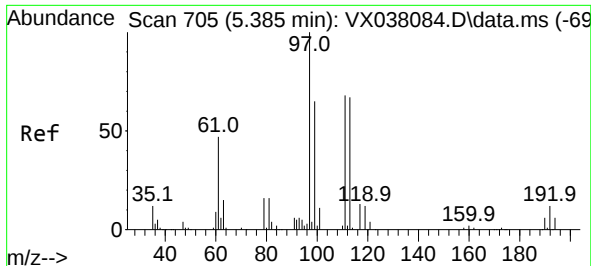
Ion Ratio Lower Upper

114 100

63 20.9 0.0 45.0

88 14.8 0.0 36.6

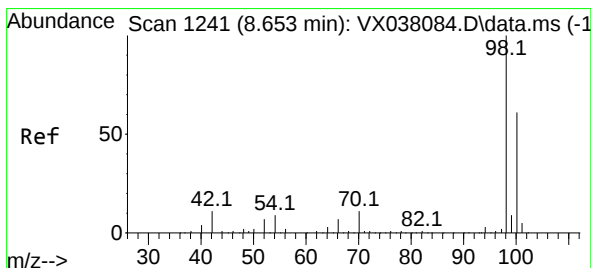
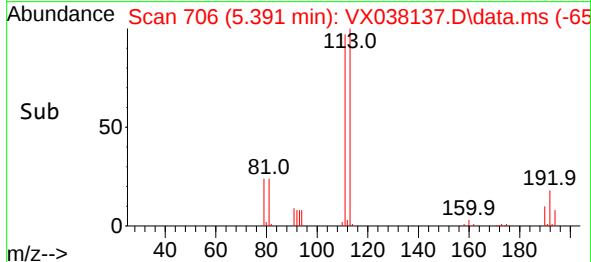
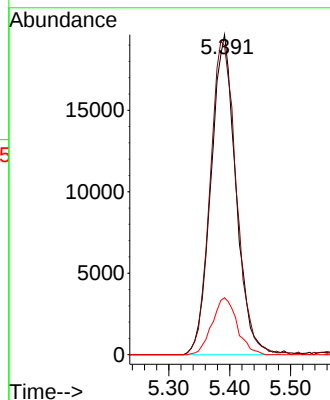
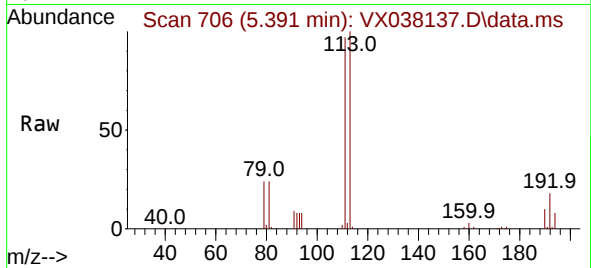




#35
Dibromofluoromethane
Concen: 43.870 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX038137.D
Acq: 06 Oct 2023 17:41

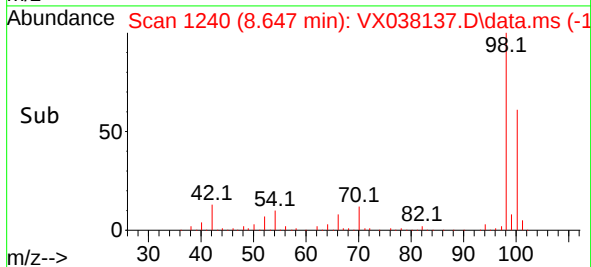
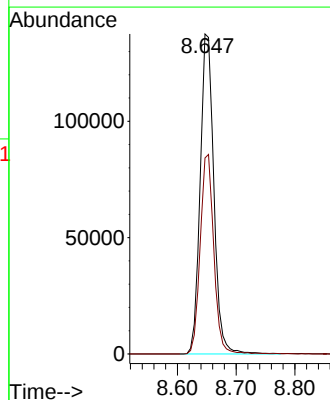
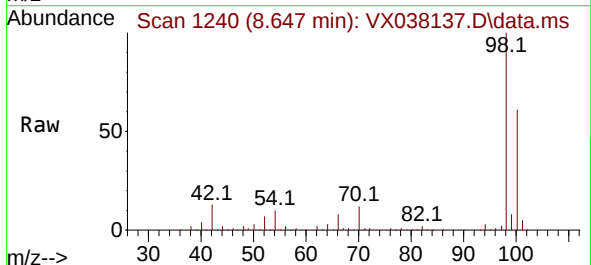
Instrument :
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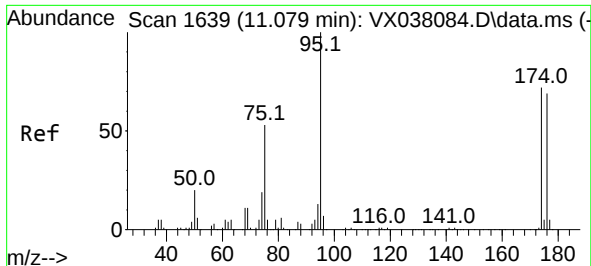
Tgt Ion:113 Resp: 55840
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 17.9 13.3 19.9



#50
Toluene-d8
Concen: 45.763 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038137.D
Acq: 06 Oct 2023 17:41

Tgt Ion: 98 Resp: 222582
Ion Ratio Lower Upper
98 100
100 62.2 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 45.073 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038137.D

Acq: 06 Oct 2023 17:41

Instrument :

MSVOA_X

ClientSampleId :

RE137-BASIN-A-20231005

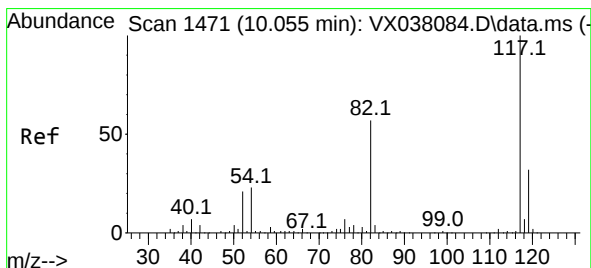
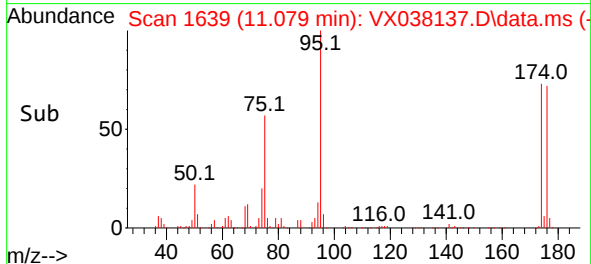
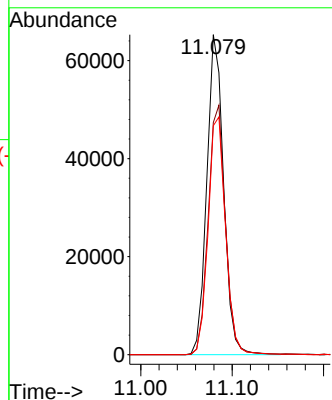
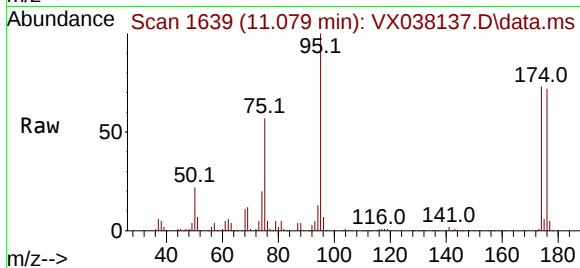
Tgt Ion: 95 Resp: 83111

Ion Ratio Lower Upper

95 100

174 80.5 0.0 135.6

176 77.5 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: VX038137.D

Acq: 06 Oct 2023 17:41

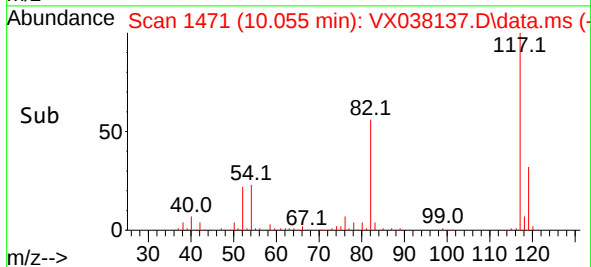
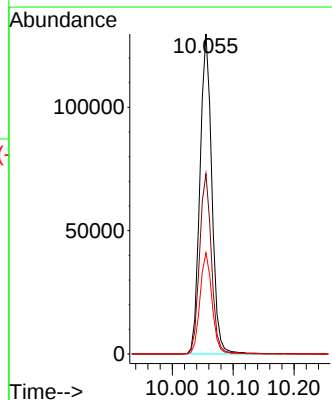
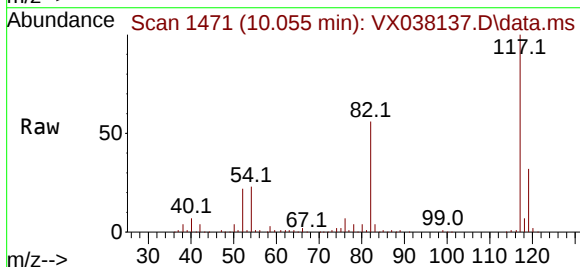
Tgt Ion: 117 Resp: 176015

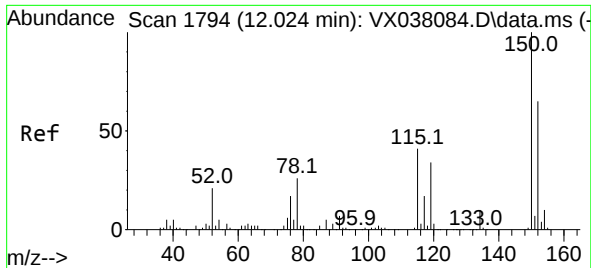
Ion Ratio Lower Upper

117 100

82 56.3 46.2 69.4

119 31.6 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: VX038137.D

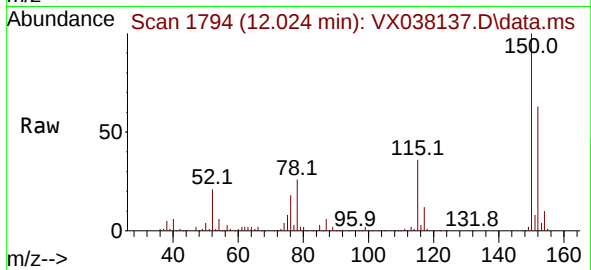
Acq: 06 Oct 2023 17:41

Instrument :

MSVOA_X

ClientSampleId :

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Tgt Ion:152 Resp: 92064

Ion Ratio Lower Upper

152 100

115 59.4 43.3 129.9

150 157.9 0.0 345.0

