

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037208.D
 Acq On : 24 Aug 2023 11:52
 Operator : JC/MD
 Sample : 04093-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20230818

Quant Time: Aug 24 23:37:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

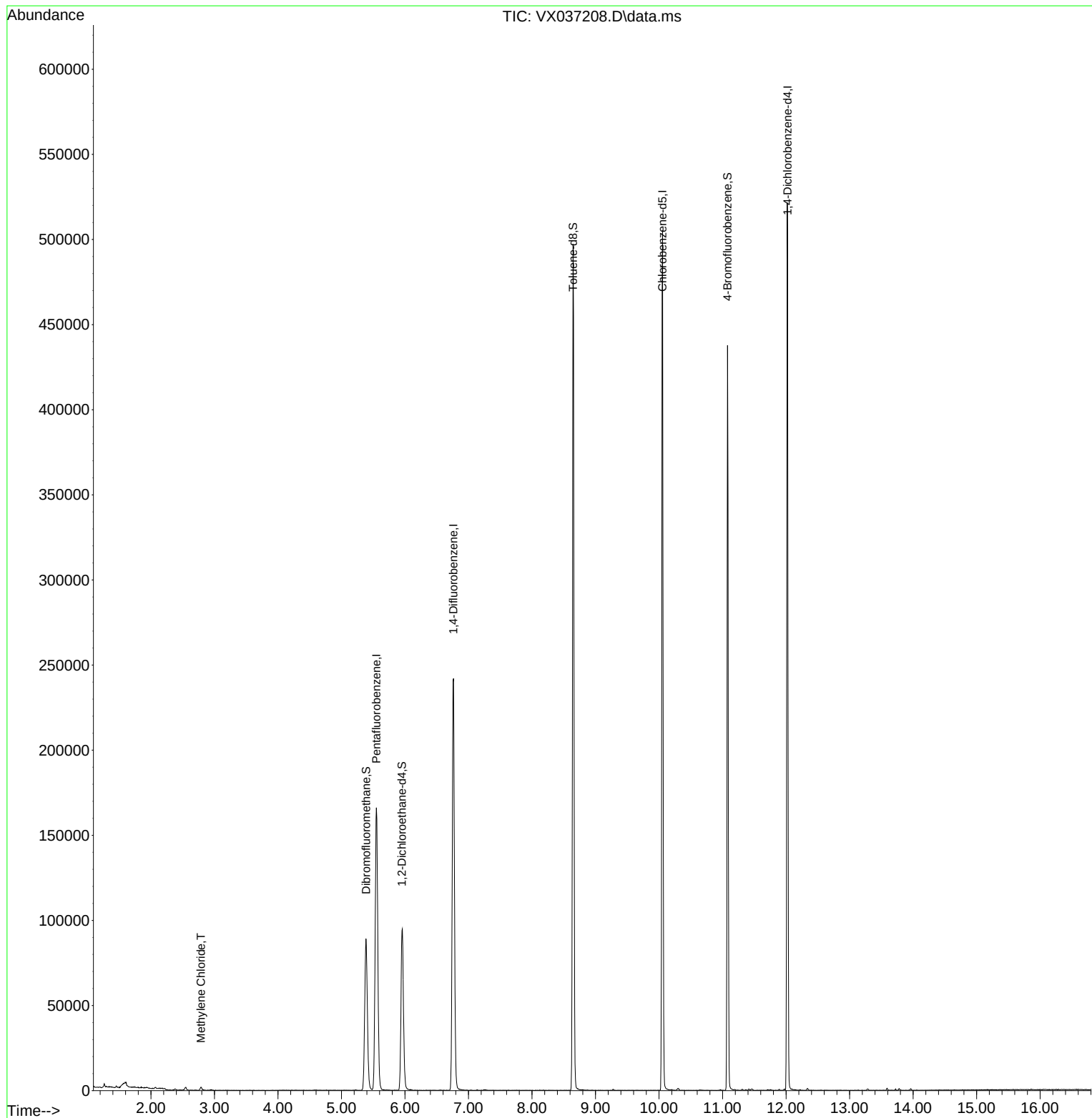
Internal Standards						
1) Pentafluorobenzene	5.550	168	154376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	254856	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231719	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97917	43.996	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.000%
35) Dibromofluoromethane	5.385	113	78804	46.689	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.380%
50) Toluene-d8	8.647	98	298783	48.801	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.600%
62) 4-Bromofluorobenzene	11.079	95	116512	48.425	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.840%
Target Compounds						
20) Methylene Chloride	2.788	84	1026	0.527	ug/l	92

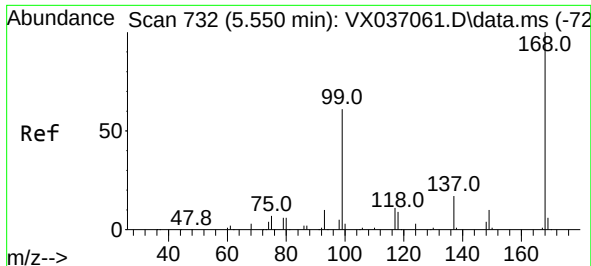
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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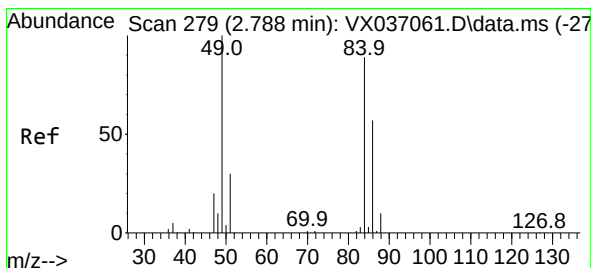
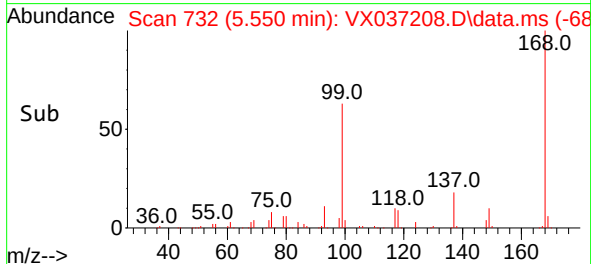
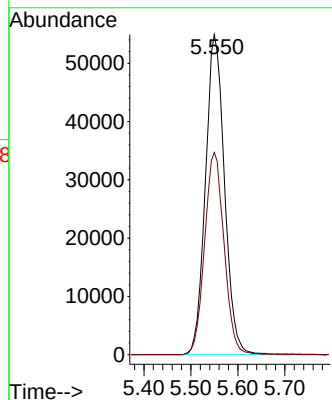
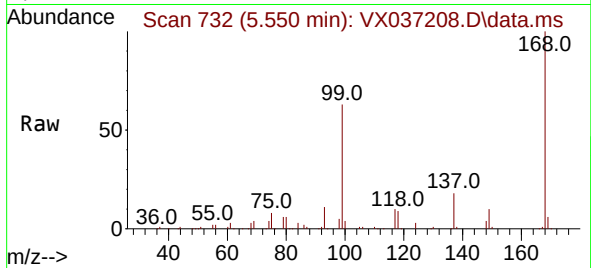




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037208.D
Acq: 24 Aug 2023 11:52

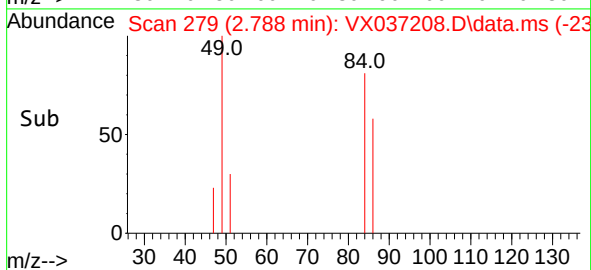
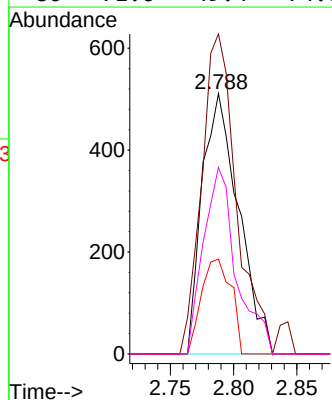
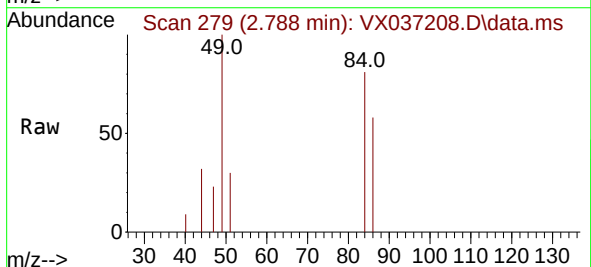
Instrument :
MSVOA_X
ClientSampleId :
TB-20230818

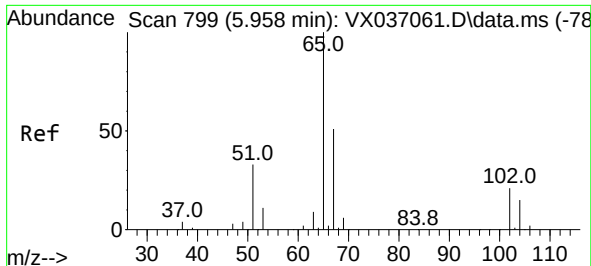
Tgt Ion:168 Resp: 154376
Ion Ratio Lower Upper
168 100
99 63.2 56.6 85.0



#20
Methylene Chloride
Concen: 0.527 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX037208.D
Acq: 24 Aug 2023 11:52

Tgt Ion: 84 Resp: 1026
Ion Ratio Lower Upper
84 100
49 122.9 103.6 155.4
51 36.4 33.8 50.6
86 71.6 49.4 74.0

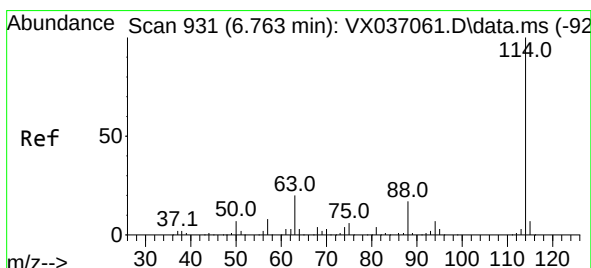
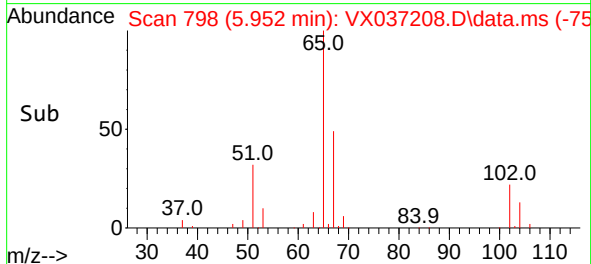
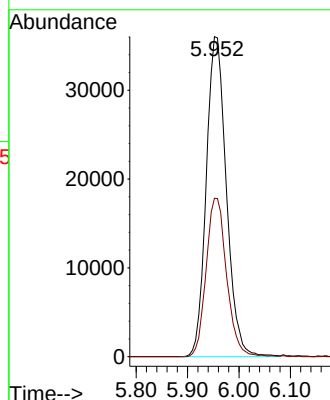
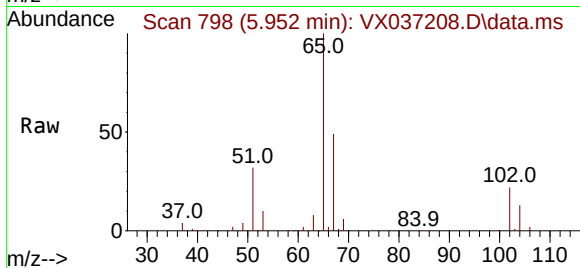




#33
 1,2-Dichloroethane-d4
 Concen: 43.996 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX037208.D
 Acq: 24 Aug 2023 11:52

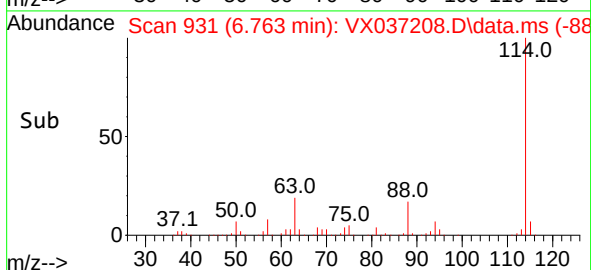
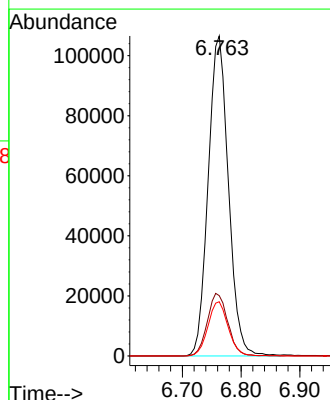
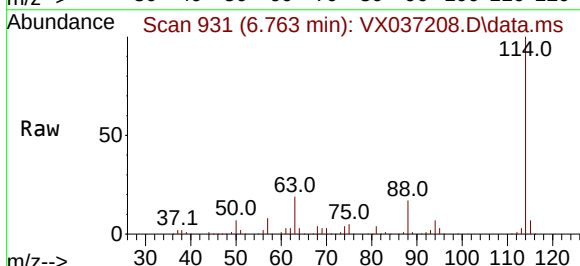
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20230818

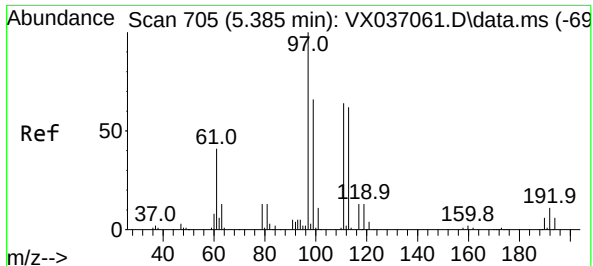
Tgt Ion: 65 Resp: 97917
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX037208.D
 Acq: 24 Aug 2023 11:52

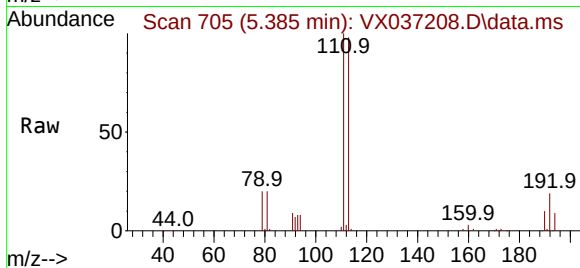
Tgt Ion: 114 Resp: 254856
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 45.0
 88 17.0 0.0 36.6



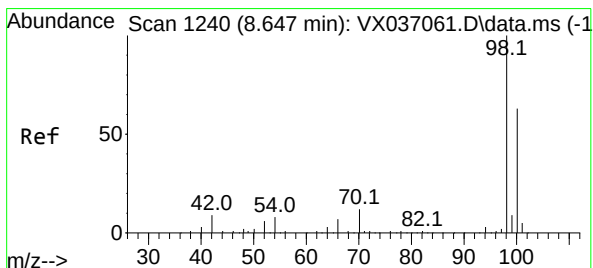
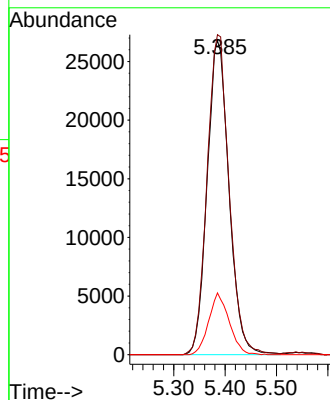
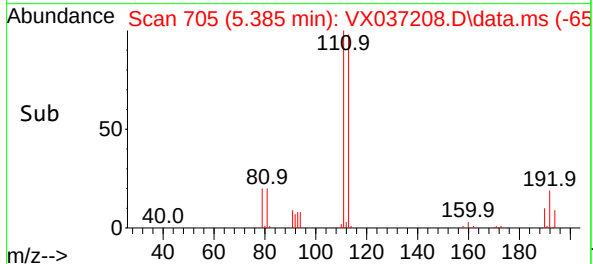


#35
Dibromofluoromethane
Concen: 46.689 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037208.D
Acq: 24 Aug 2023 11:52

Instrument :
MSVOA_X
ClientSampleId :
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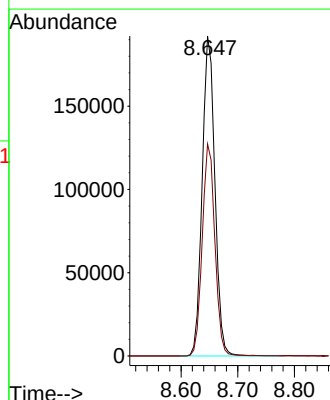
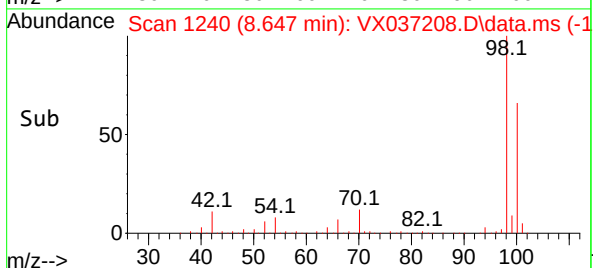
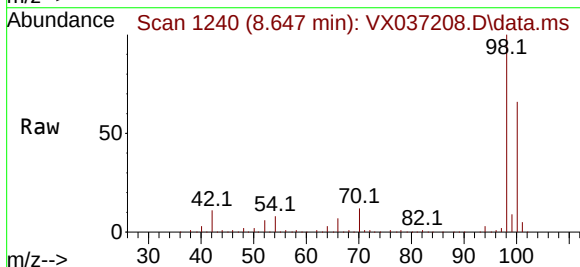


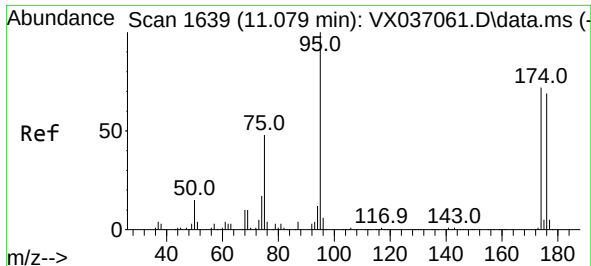
Tgt Ion:113 Resp: 78804
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 18.5 13.3 19.9



#50
Toluene-d8
Concen: 48.801 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037208.D
Acq: 24 Aug 2023 11:52

Tgt Ion: 98 Resp: 298783
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 48.425 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037208.D

Acq: 24 Aug 2023 11:52

Instrument :

MSVOA_X

ClientSampleId :

TB-20230818

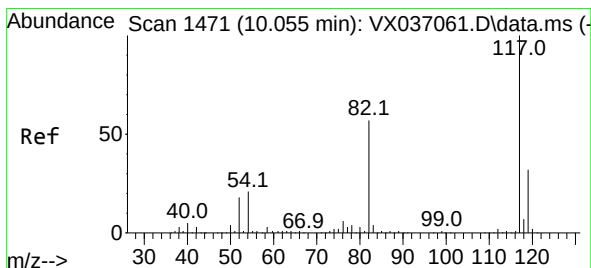
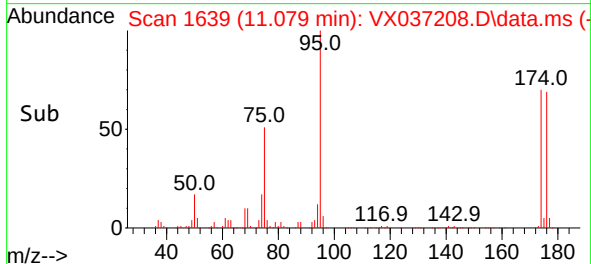
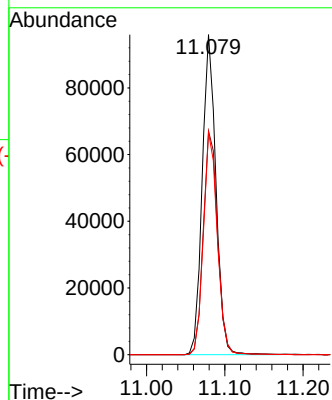
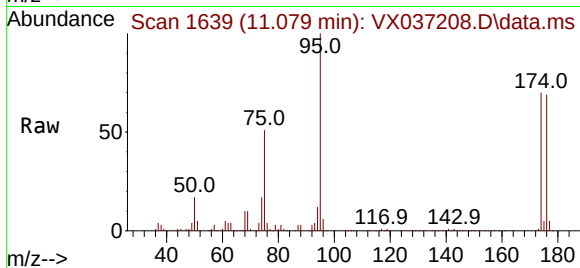
Tgt Ion: 95 Resp: 116512

Ion Ratio Lower Upper

95 100

174 72.7 0.0 135.6

176 70.5 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: VX037208.D

Acq: 24 Aug 2023 11:52

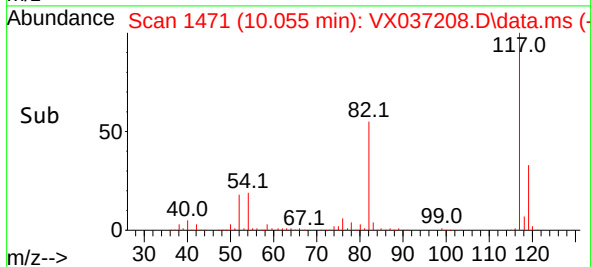
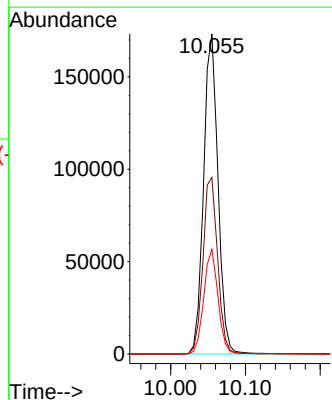
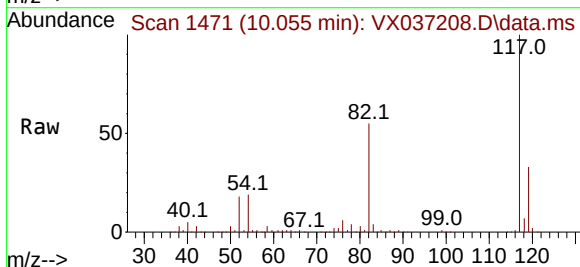
Tgt Ion: 117 Resp: 231719

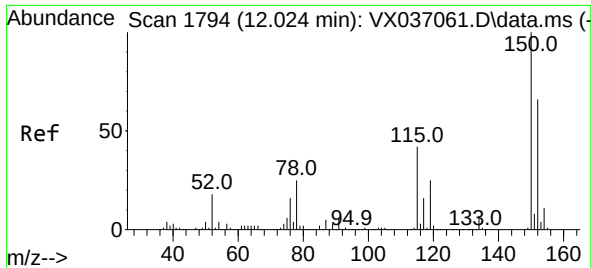
Ion Ratio Lower Upper

117 100

82 55.2 46.2 69.4

119 32.7 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: VX037208.D

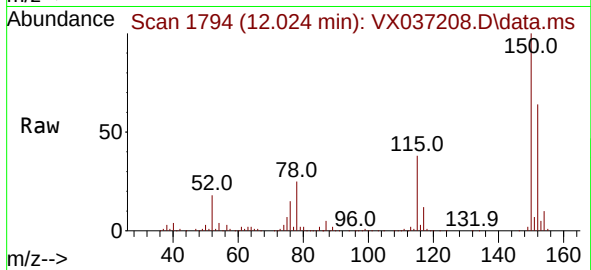
Acq: 24 Aug 2023 11:52

Instrument :

MSVOA_X

ClientSampleId :

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Tgt Ion:152 Resp: 108143

Ion Ratio Lower Upper

152 100

115 64.0 43.3 129.9

150 159.1 0.0 345.0

