

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081823\
 Data File : VX037118.D
 Acq On : 19 Aug 2023 08:45
 Operator : JC/MD
 Sample : 04025-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-20230814

Quant Time: Aug 21 01:45:13 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	156428	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	272935	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	251495	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	116748	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	115172	51.070	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.140%
35) Dibromofluoromethane	5.385	113	89733	49.642	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.280%
50) Toluene-d8	8.647	98	335954	51.238	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.480%
62) 4-Bromofluorobenzene	11.079	95	128144	49.731	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.460%

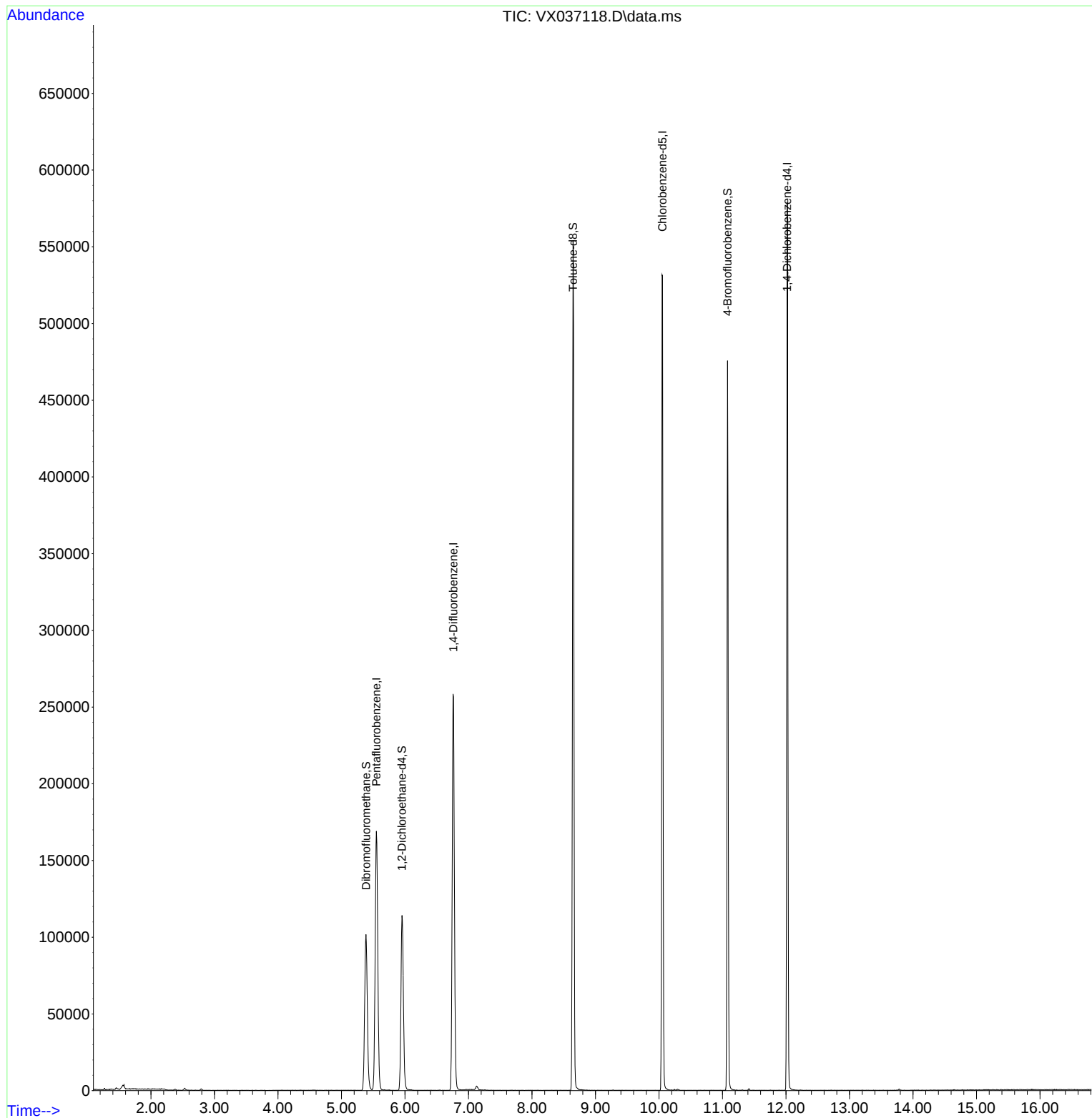
Target Compounds	Qvalue

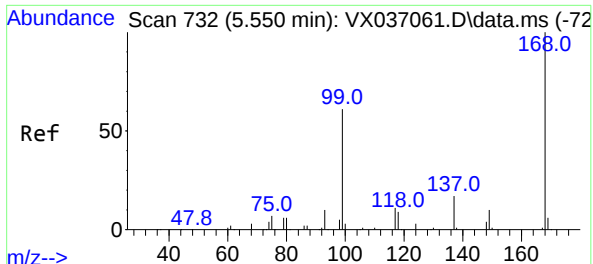
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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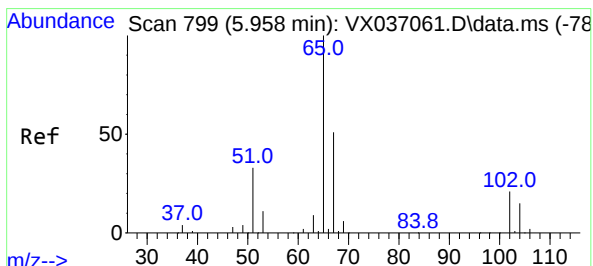
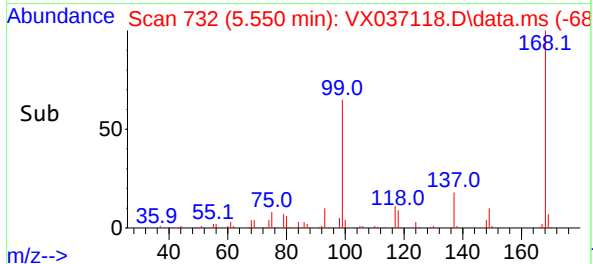
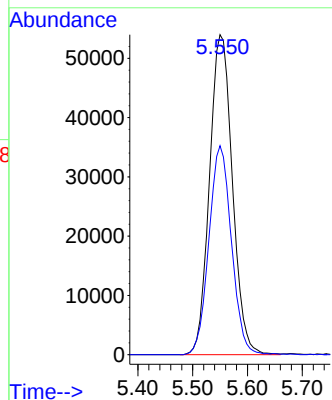
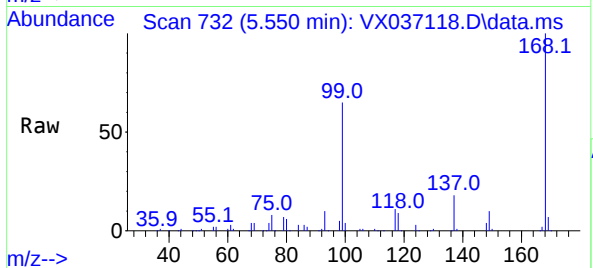




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037118.D
Acq: 19 Aug 2023 08:45

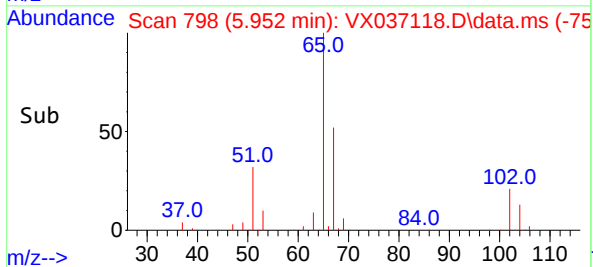
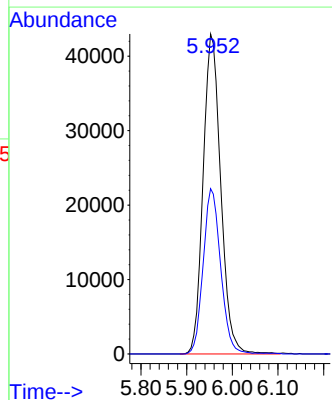
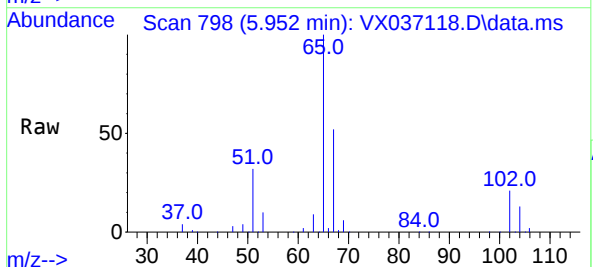
Instrument :
MSVOA_X
ClientSampleId :
TB01-20230814

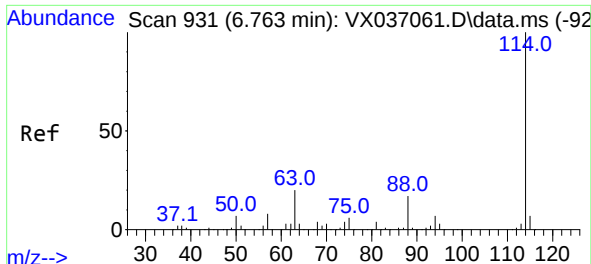
Tgt Ion:168 Resp: 156428
Ion Ratio Lower Upper
168 100
99 65.3 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 51.070 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037118.D
Acq: 19 Aug 2023 08:45

Tgt Ion: 65 Resp: 115172
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# 91

Delta R.T. 0.000 min

Lab File: VX037118.D

Acq: 19 Aug 2023 08:45

Instrument :

MSVOA_X

ClientSampleId :

TB01-20230814

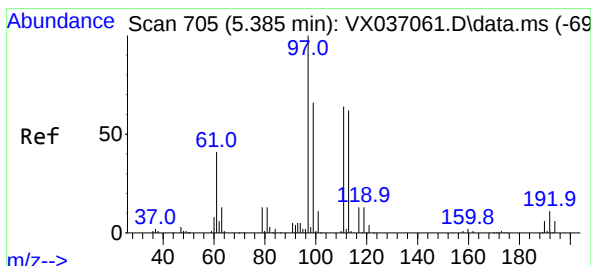
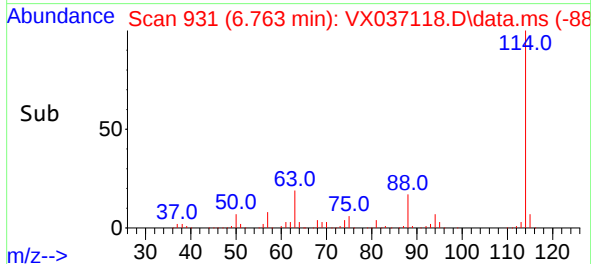
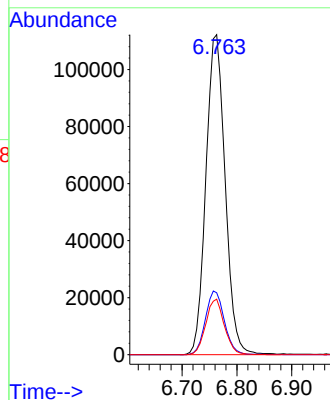
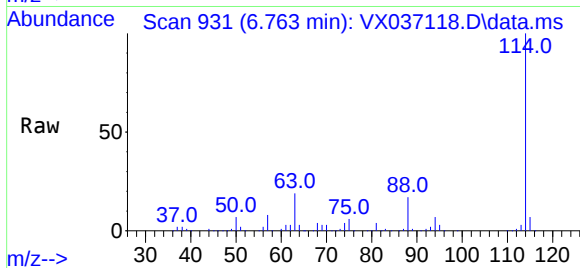
Tgt Ion:114 Resp: 272935

Ion Ratio Lower Upper

114 100

63 19.3 0.0 45.0

88 17.3 0.0 36.6



#35

Dibromofluoromethane

Concen: 49.642 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX037118.D

Acq: 19 Aug 2023 08:45

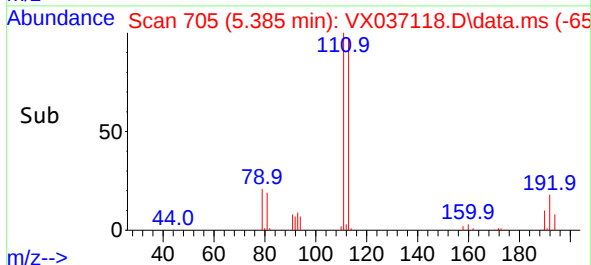
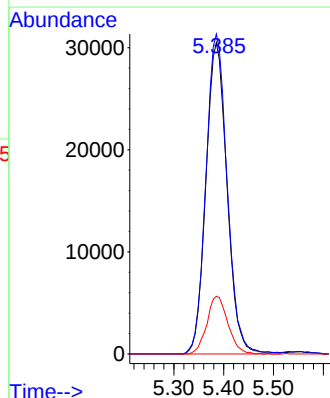
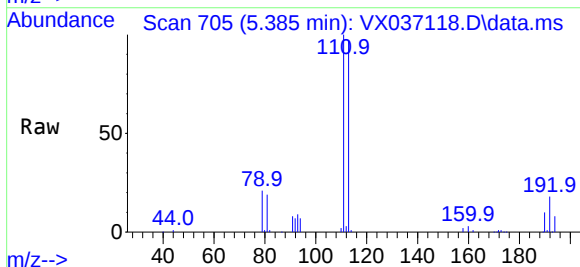
Tgt Ion:113 Resp: 89733

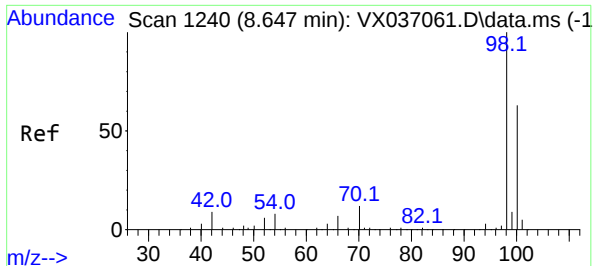
Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

192 18.4 13.3 19.9

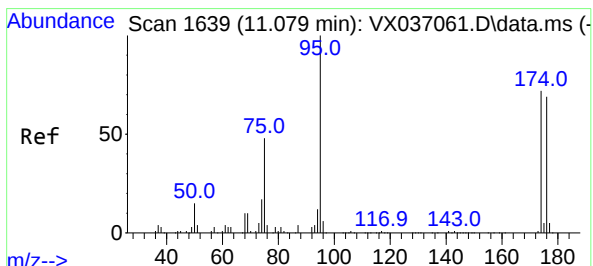
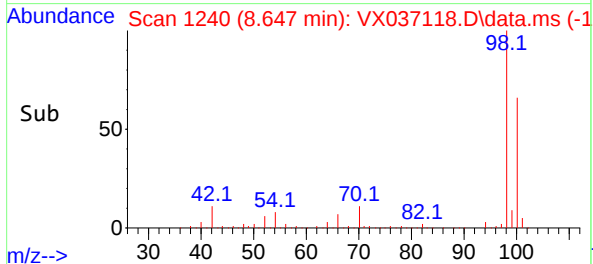
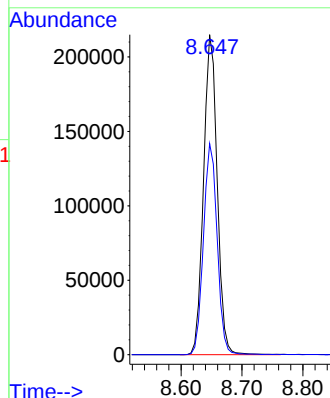
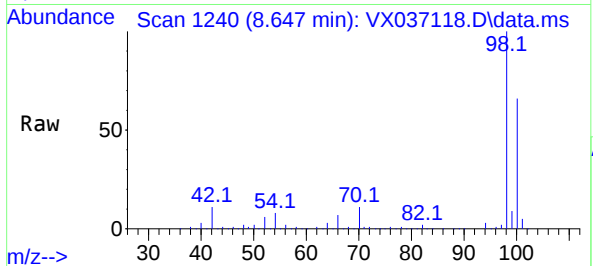




#50
Toluene-d8
Concen: 51.238 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037118.D
Acq: 19 Aug 2023 08:45

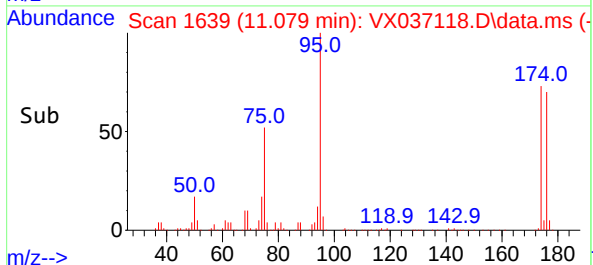
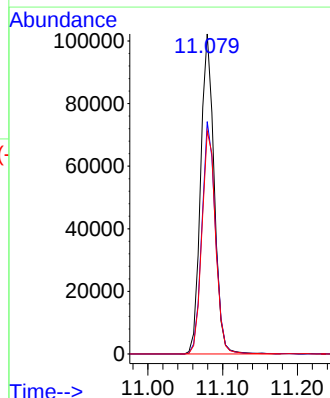
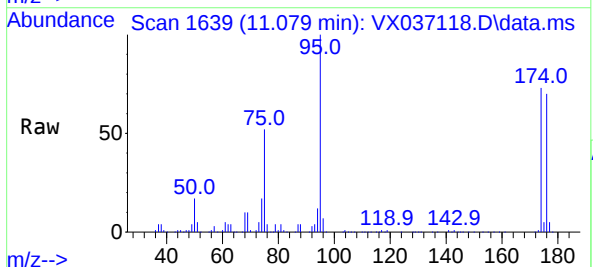
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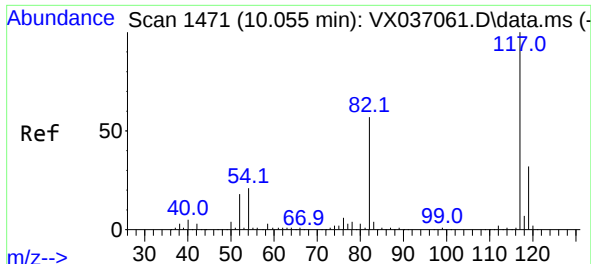
Tgt Ion: 98 Resp: 335954
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.731 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037118.D
Acq: 19 Aug 2023 08:45

Tgt Ion: 95 Resp: 128144
Ion Ratio Lower Upper
95 100
174 72.8 0.0 135.6
176 70.7 0.0 131.0

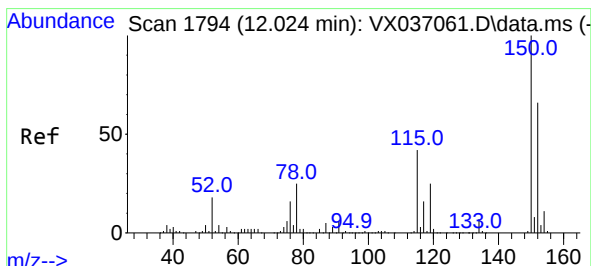
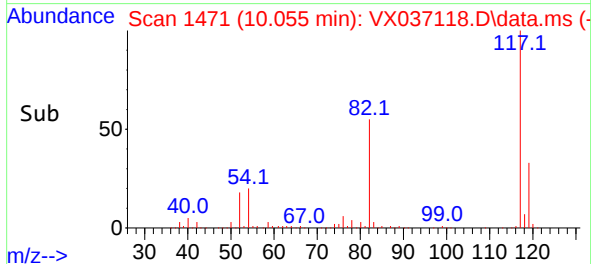
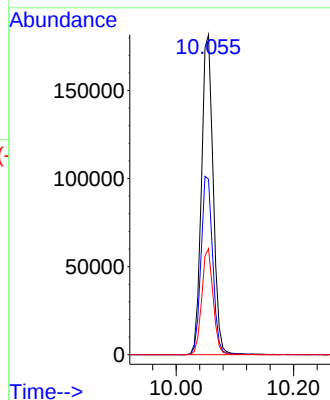
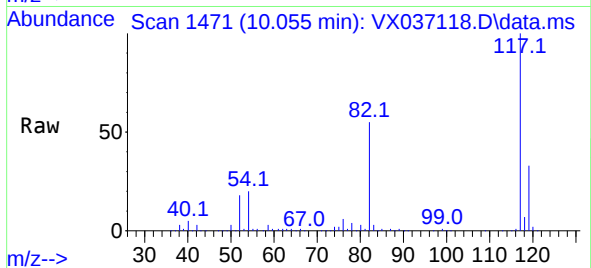




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037118.D
Acq: 19 Aug 2023 08:45

Instrument :
MSVOA_X
ClientSampleId :
TB01-20230814

Tgt Ion:117 Resp: 251495
Ion Ratio Lower Upper
117 100
82 54.9 46.2 69.4
119 33.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX037118.D
Acq: 19 Aug 2023 08:45

Tgt Ion:152 Resp: 116748
Ion Ratio Lower Upper
152 100
115 63.5 43.3 129.9
150 159.8 0.0 345.0

