

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082223\
 Data File : VX037155.D
 Acq On : 22 Aug 2023 15:11
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

Quant Time: Aug 22 16:29:02 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	5.562	168	156892	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.769	114	261957	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	246447	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131469	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	99396	43.944	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.880%
35) Dibromofluoromethane	5.397	113	79341	45.733	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.460%
50) Toluene-d8	8.653	98	307643	48.886	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.780%
62) 4-Bromofluorobenzene	11.079	95	131168	53.038	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.080%

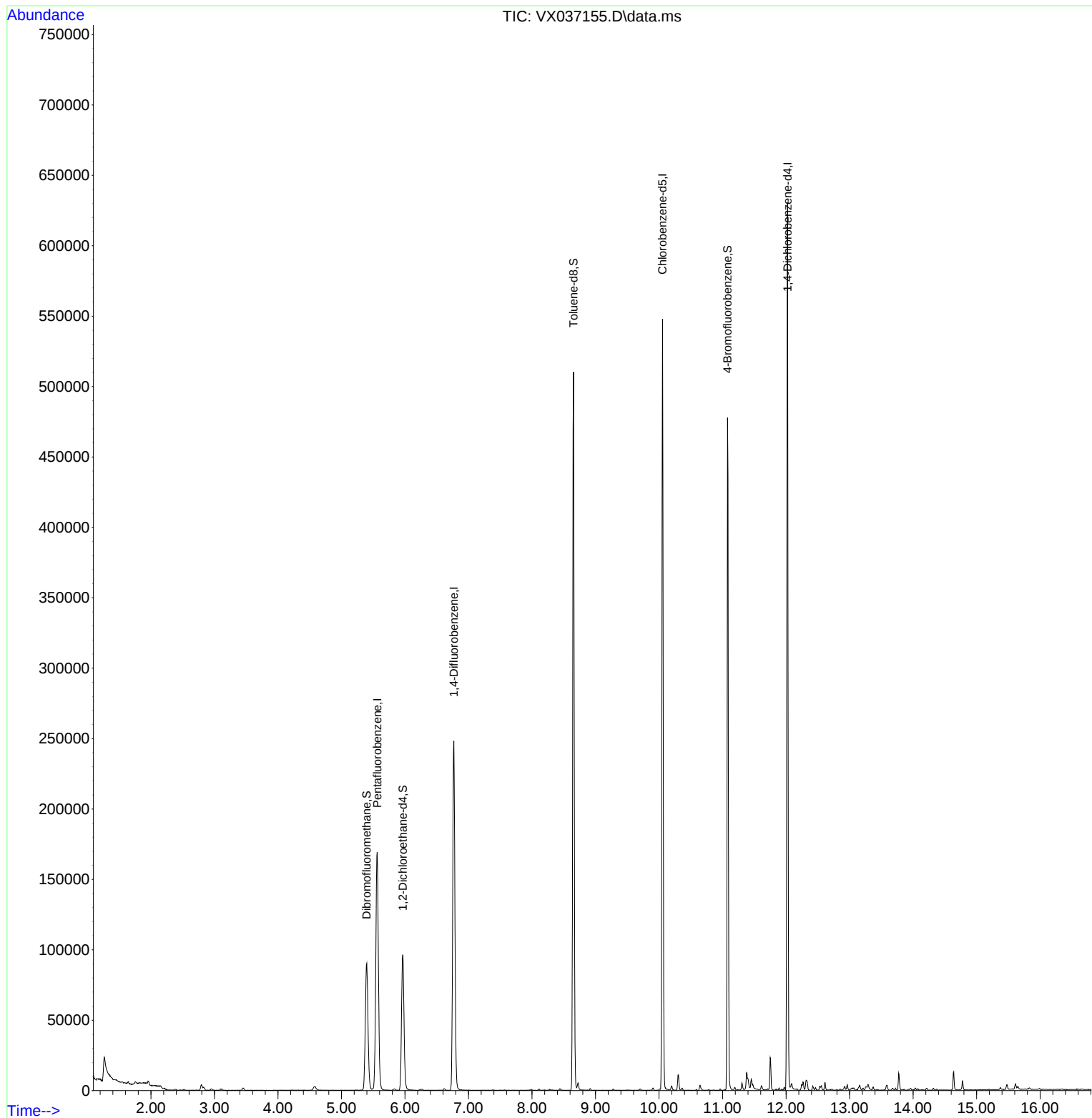
Target Compounds	Qvalue

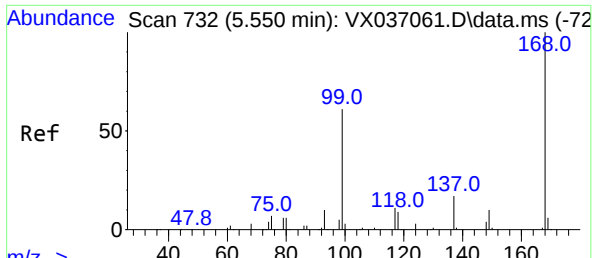
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.562 min Scan# 71

Delta R.T. 0.012 min

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Instrument :

MSVOA_X

ClientSampleId :

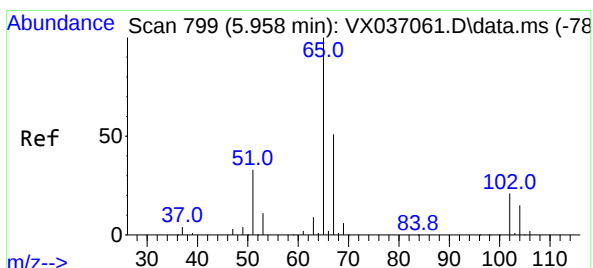
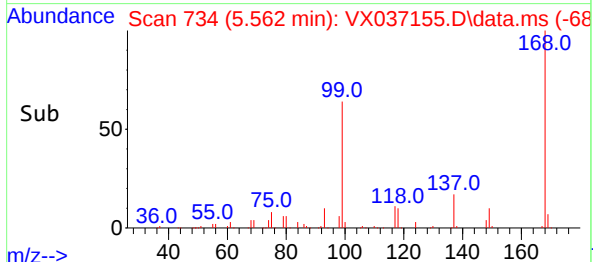
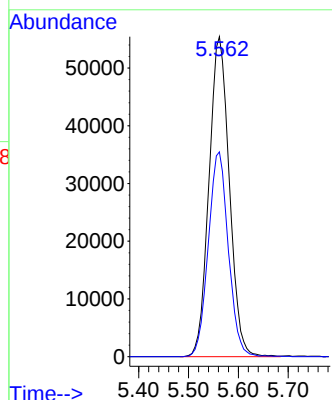
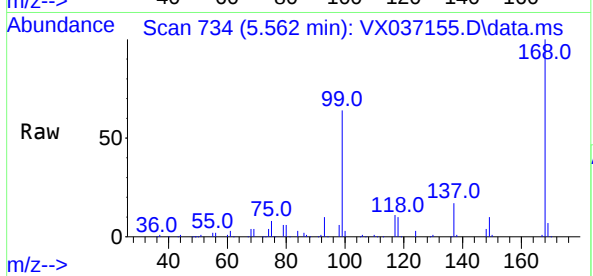
VIBLK

Tgt Ion:168 Resp: 156892

Ion Ratio Lower Upper

168 100

99 64.0 56.6 85.0



#33

1,2-Dichloroethane-d4

Concen: 43.944 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX037155.D

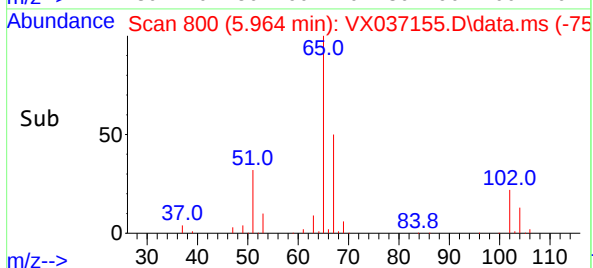
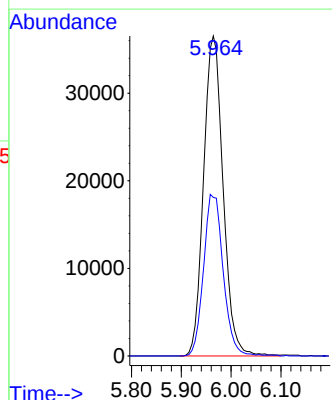
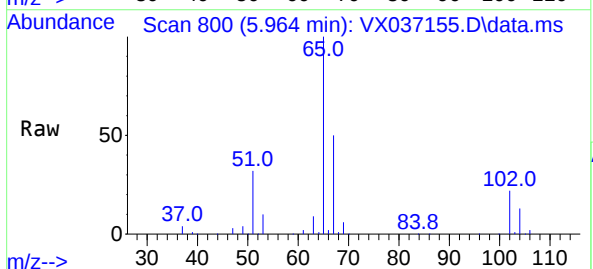
Acq: 22 Aug 2023 15:11

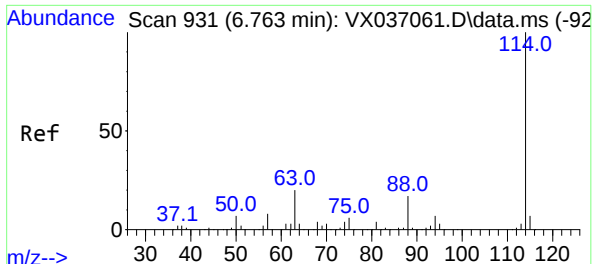
Tgt Ion: 65 Resp: 99396

Ion Ratio Lower Upper

65 100

67 50.8 0.0 100.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX037155.D

Acq: 22 Aug 2023 15:11

Instrument :

MSVOA_X

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VIBLK

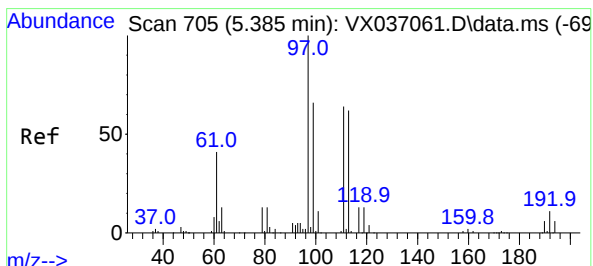
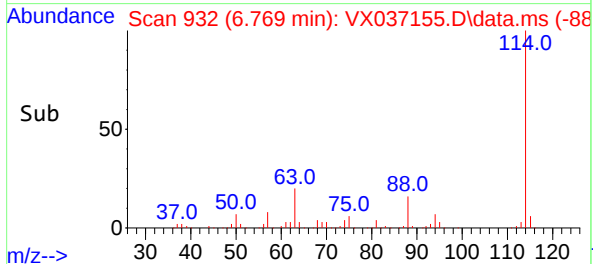
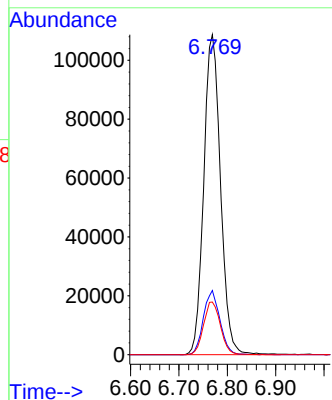
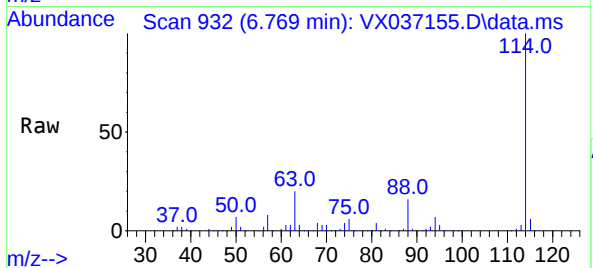
Tgt Ion:114 Resp: 261957

Ion Ratio Lower Upper

114 100

63 20.1 0.0 45.0

88 16.4 0.0 36.6



#35

Dibromofluoromethane

Concen: 45.733 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.012 min

Lab File: VX037155.D

Acq: 22 Aug 2023 15:11

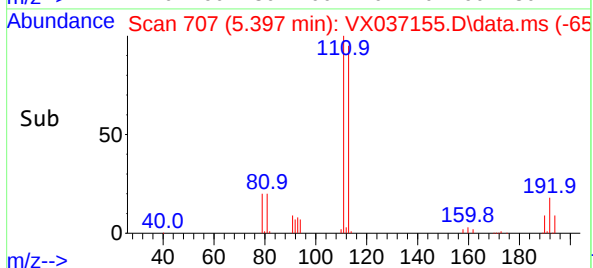
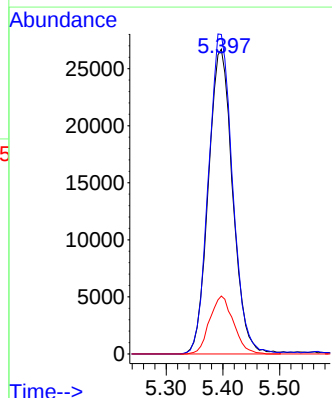
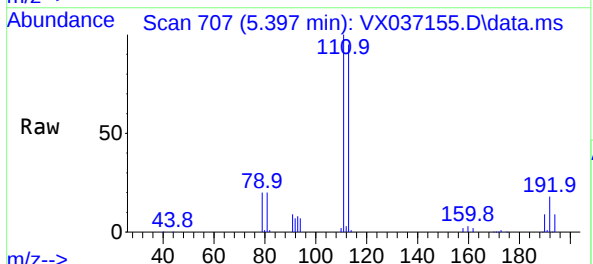
Tgt Ion:113 Resp: 79341

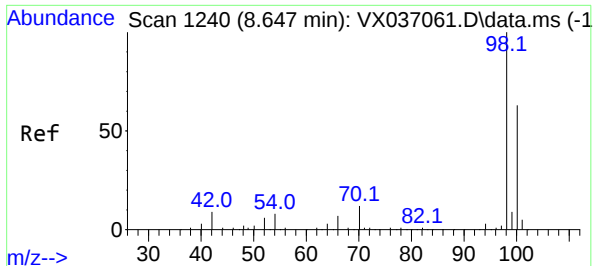
Ion Ratio Lower Upper

113 100

111 104.4 82.9 124.3

192 18.6 13.3 19.9

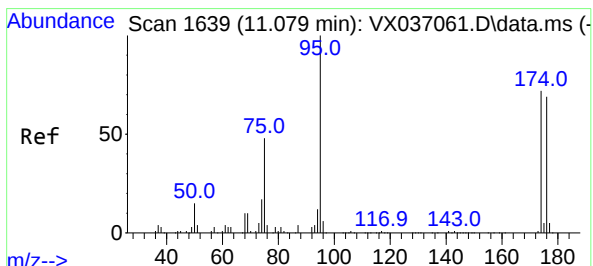
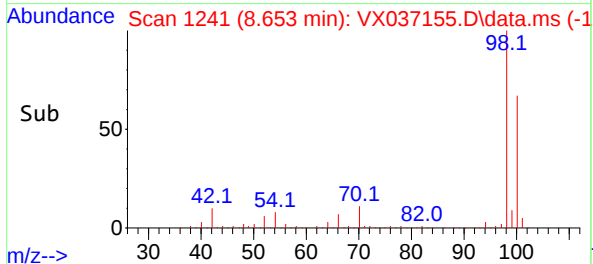
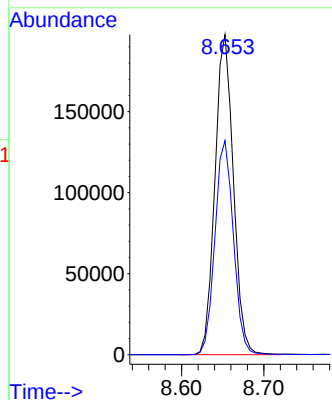
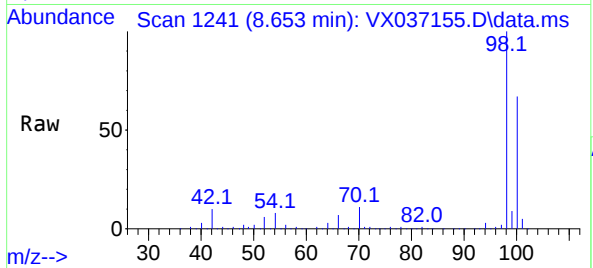




#50
Toluene-d8
Concen: 48.886 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037155.D
Acq: 22 Aug 2023 15:11

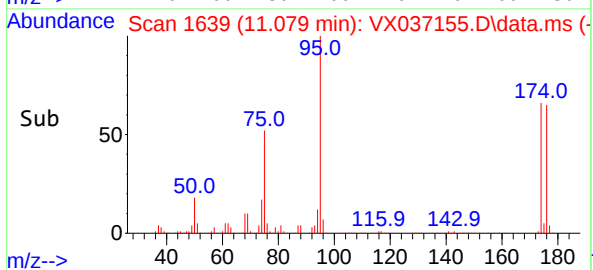
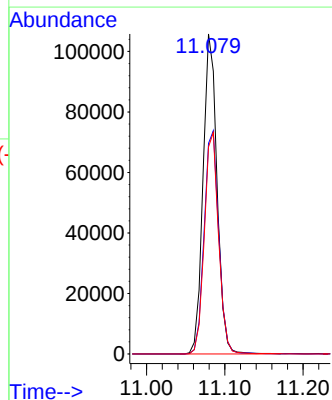
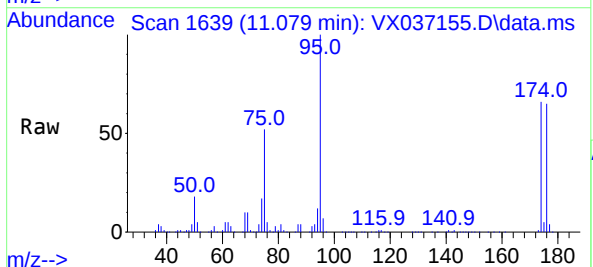
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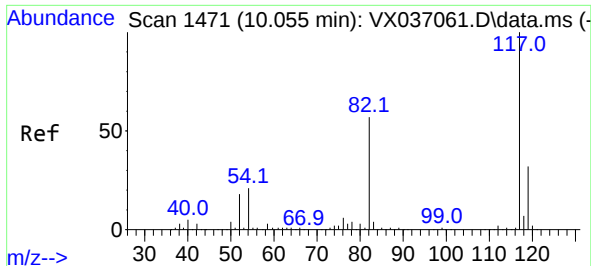
Tgt Ion: 98 Resp: 307643
Ion Ratio Lower Upper
98 100
100 67.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 53.038 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037155.D
Acq: 22 Aug 2023 15:11

Tgt Ion: 95 Resp: 131168
Ion Ratio Lower Upper
95 100
174 72.5 0.0 135.6
176 70.4 0.0 131.0

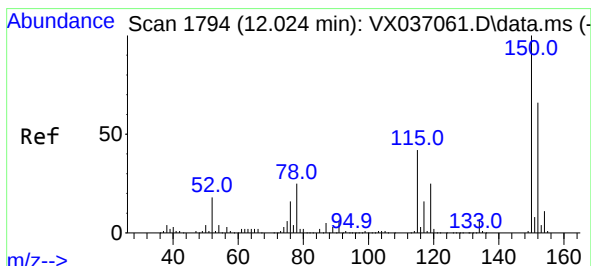
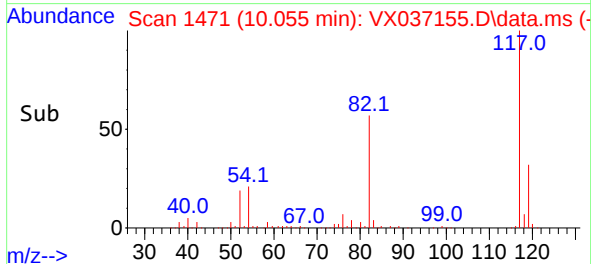
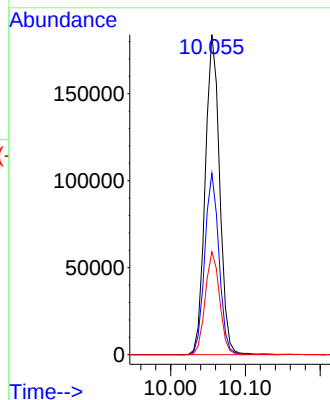
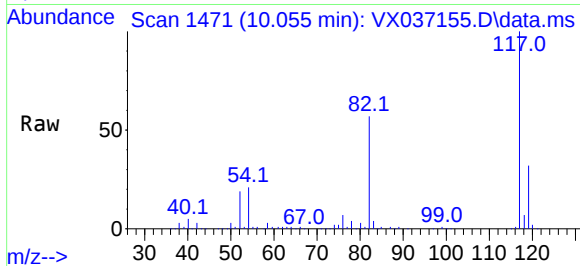




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037155.D
Acq: 22 Aug 2023 15:11

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 246447
Ion Ratio Lower Upper
117 100
82 56.7 46.2 69.4
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037155.D
Acq: 22 Aug 2023 15:11

Tgt Ion:152 Resp: 131469
Ion Ratio Lower Upper
152 100
115 63.9 43.3 129.9
150 157.9 0.0 345.0

