

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081123\
 Data File : VX036933.D
 Acq On : 11 Aug 2023 12:03
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Aug 11 22:56:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	130478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	236282	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	94197	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89840	46.534	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.060%
35) Dibromofluoromethane	5.385	113	76017	46.806	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.620%
50) Toluene-d8	8.647	98	282424	49.038	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.080%
62) 4-Bromofluorobenzene	11.079	95	107237	49.352	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.700%

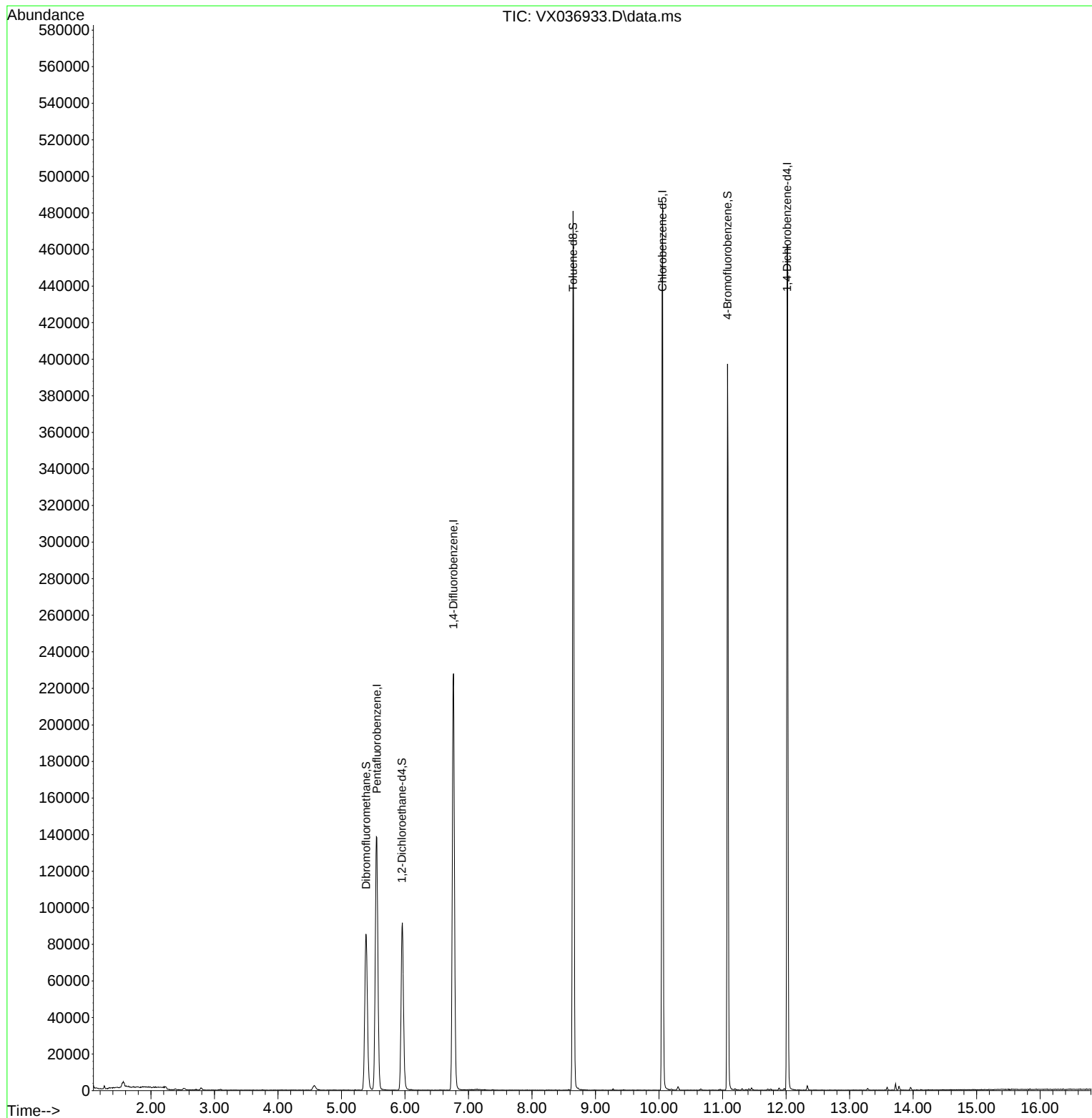
Target Compounds	Qvalue

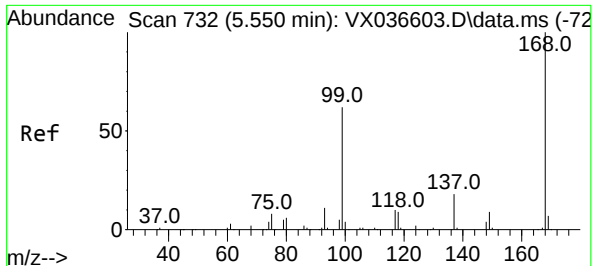
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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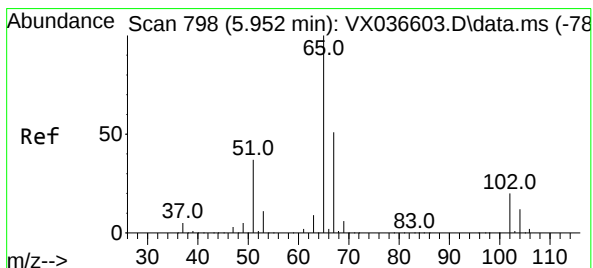
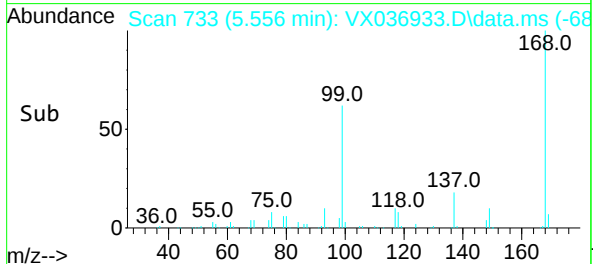
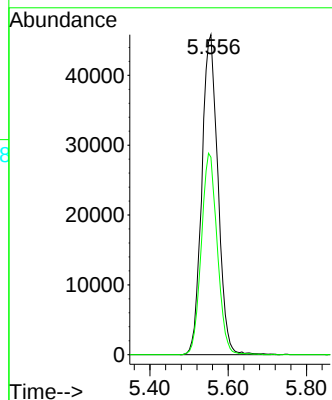
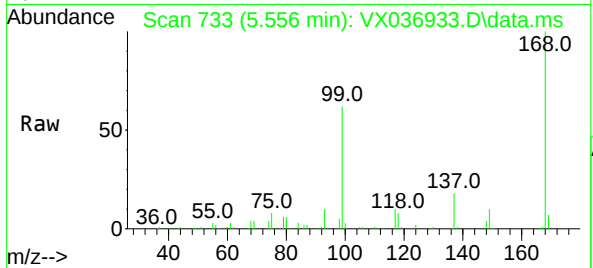




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036933.D
Acq: 11 Aug 2023 12:03

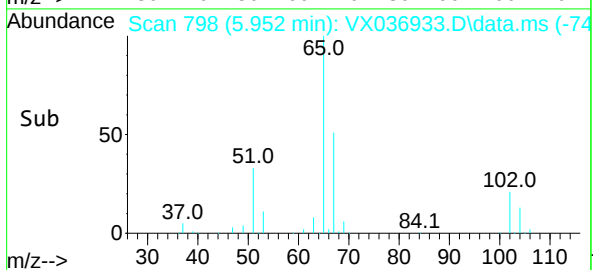
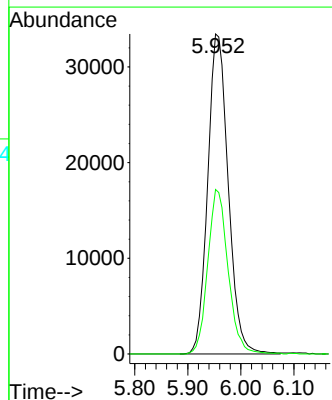
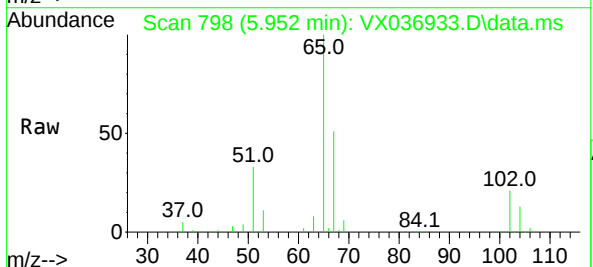
Instrument :
MSVOA_X
ClientSampleId :
IBLK

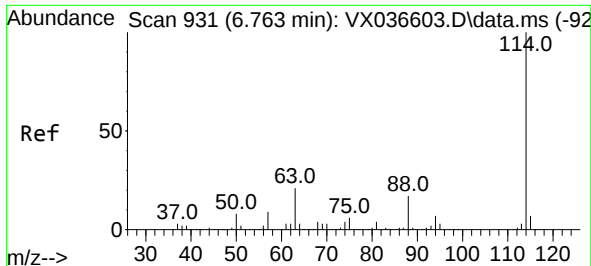
Tgt Ion:168 Resp: 130478
Ion Ratio Lower Upper
168 100
99 61.7 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 46.534 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX036933.D
Acq: 11 Aug 2023 12:03

Tgt Ion: 65 Resp: 89840
Ion Ratio Lower Upper
65 100
67 50.9 0.0 100.2

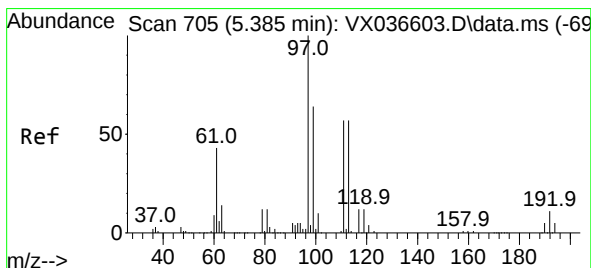
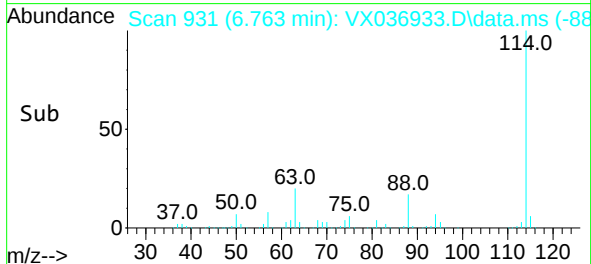
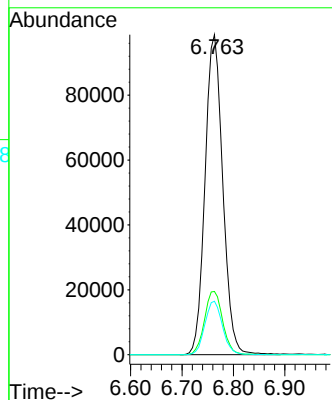
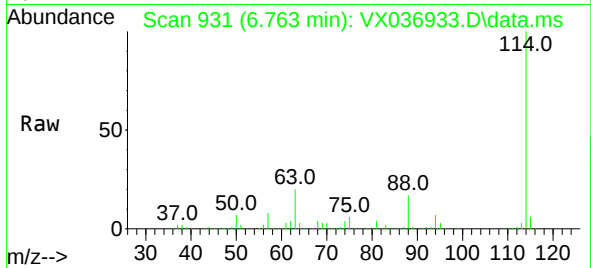




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX036933.D
Acq: 11 Aug 2023 12:03

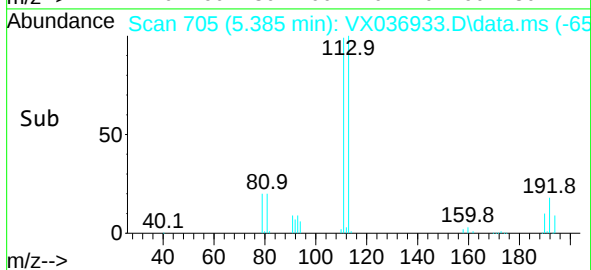
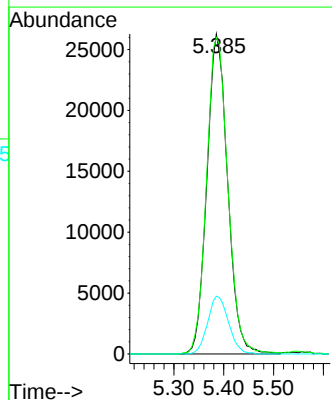
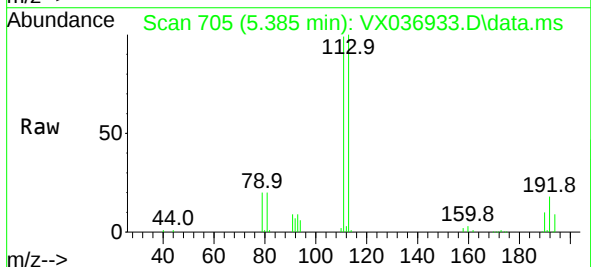
Instrument :
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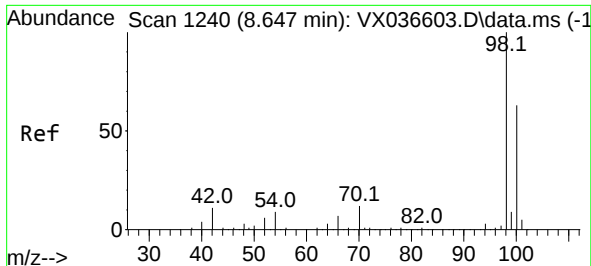
Tgt Ion:114 Resp: 236282
Ion Ratio Lower Upper
114 100
63 19.8 0.0 45.0
88 16.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.806 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036933.D
Acq: 11 Aug 2023 12:03

Tgt Ion:113 Resp: 76017
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 18.1 13.3 19.9

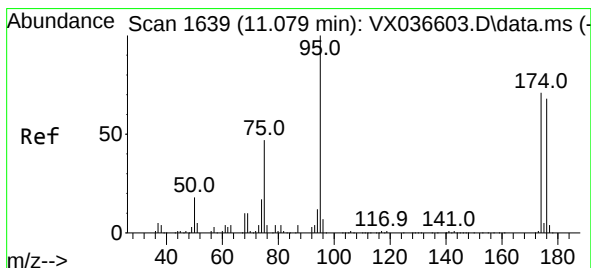
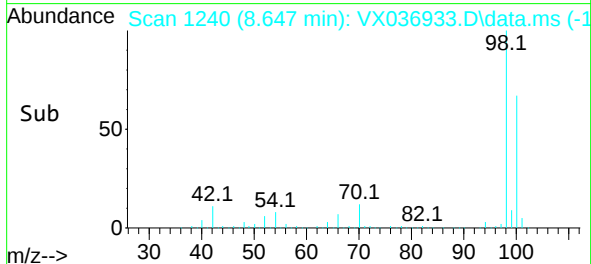
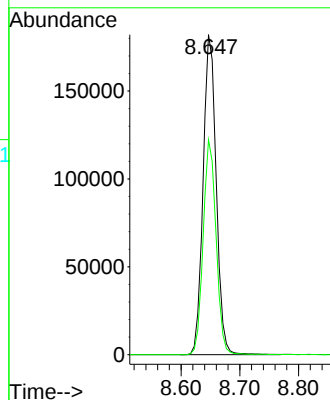
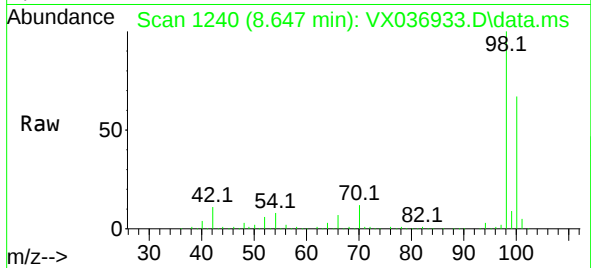




#50
Toluene-d8
Concen: 49.038 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036933.D
Acq: 11 Aug 2023 12:03

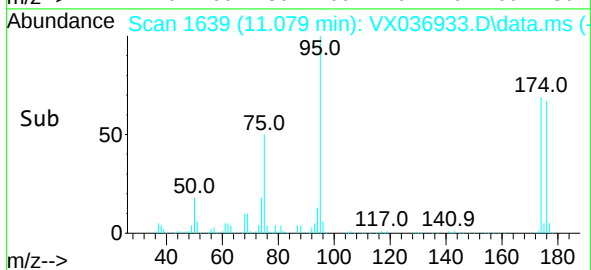
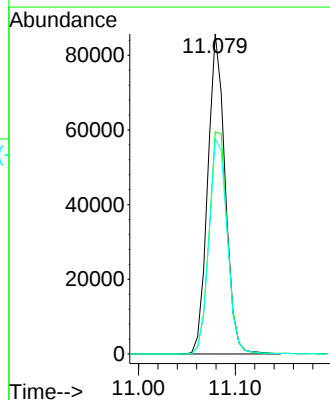
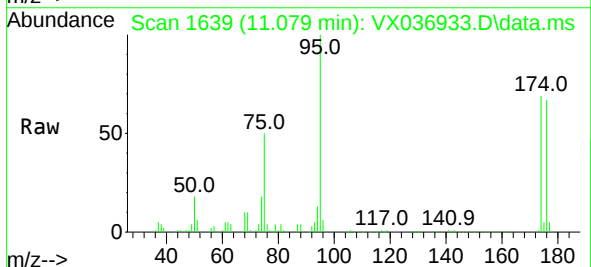
Instrument :
MSVOA_X
ClientSampleId :
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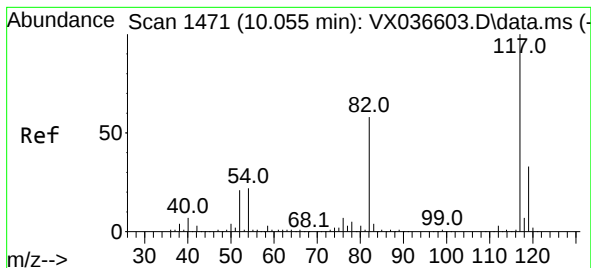
Tgt Ion: 98 Resp: 282424
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.352 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036933.D
Acq: 11 Aug 2023 12:03

Tgt Ion: 95 Resp: 107237
Ion Ratio Lower Upper
95 100
174 73.8 0.0 135.6
176 70.6 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: VX036933.D

Acq: 11 Aug 2023 12:03

Instrument :

MSVOA_X

ClientSampleId :

IBLK

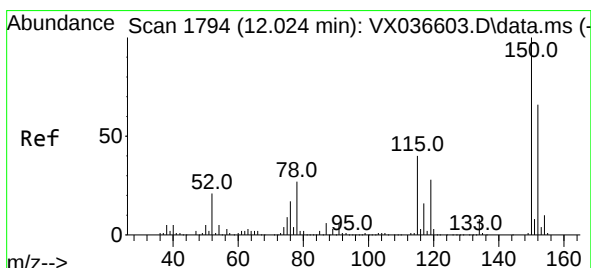
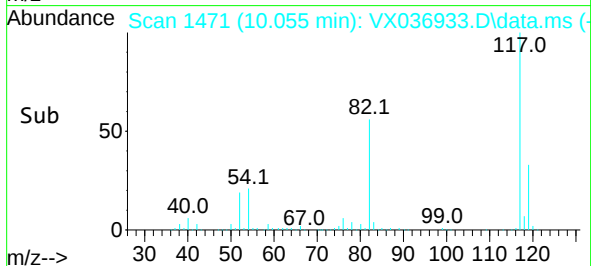
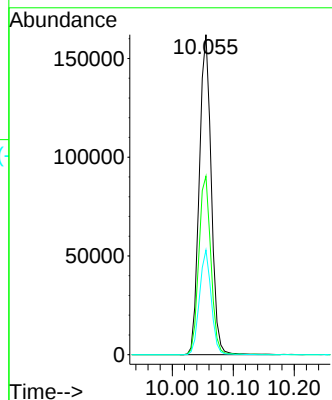
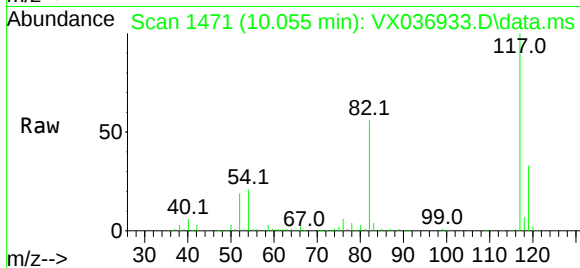
Tgt Ion:117 Resp: 221265

Ion Ratio Lower Upper

117 100

82 55.7 46.2 69.4

119 32.7 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: VX036933.D

Acq: 11 Aug 2023 12:03

Tgt Ion:152 Resp: 94197

Ion Ratio Lower Upper

152 100

115 63.2 43.3 129.9

150 158.7 0.0 345.0

