

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092123\
 Data File : VX037860.D
 Acq On : 21 Sep 2023 17:09
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Sep 22 04:47:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	213447	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	363488	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	348243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	175558	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	133989	47.779	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.560%
35) Dibromofluoromethane	5.391	113	112855	46.402	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.800%
50) Toluene-d8	8.653	98	442405	48.956	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.920%
62) 4-Bromofluorobenzene	11.079	95	159773	48.655	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.300%

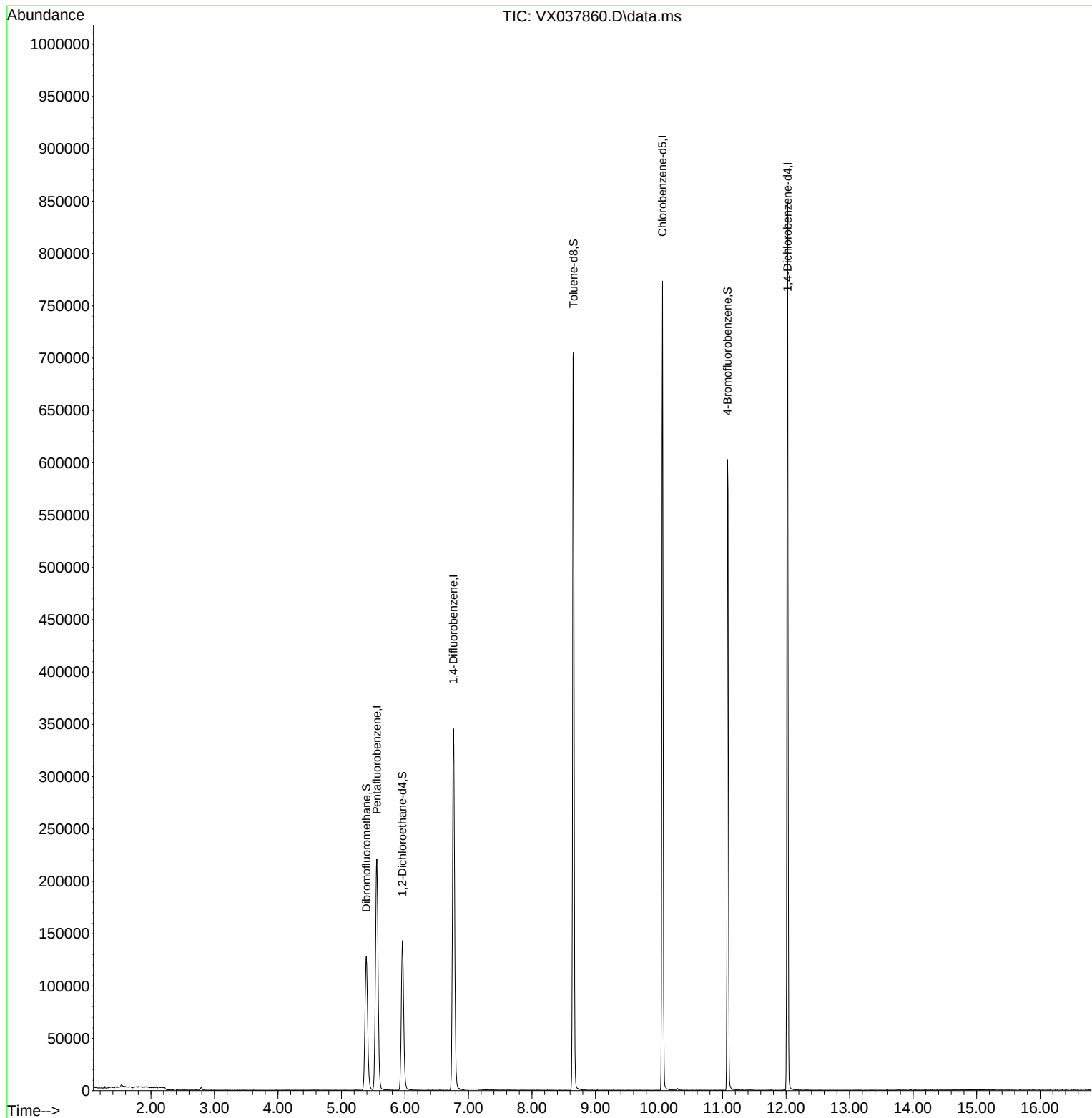
Target Compounds	Qvalue

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

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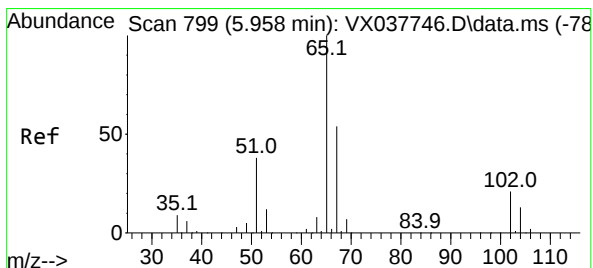
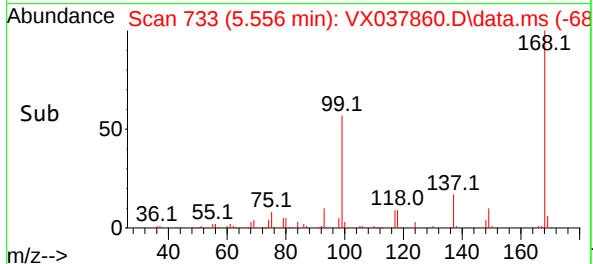
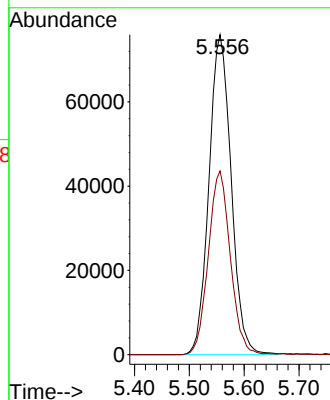
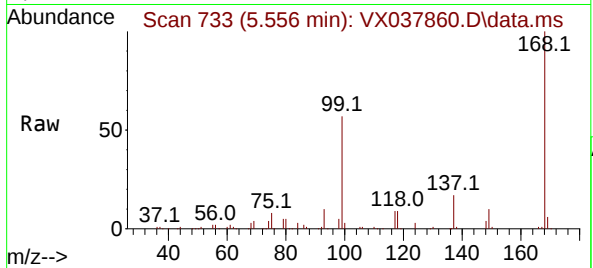




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.006 min
Lab File: VX037860.D
Acq: 21 Sep 2023 17:09

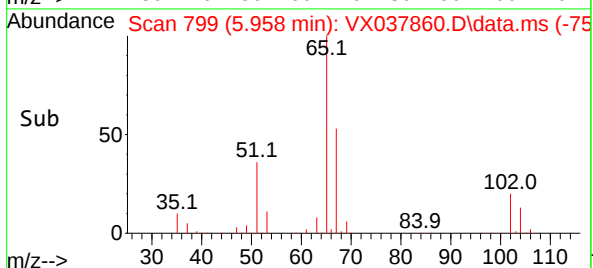
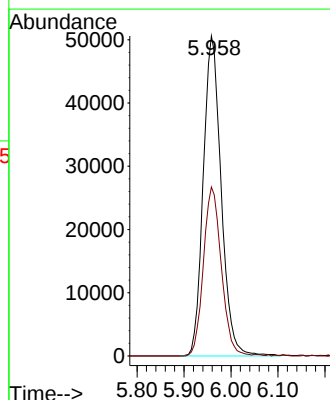
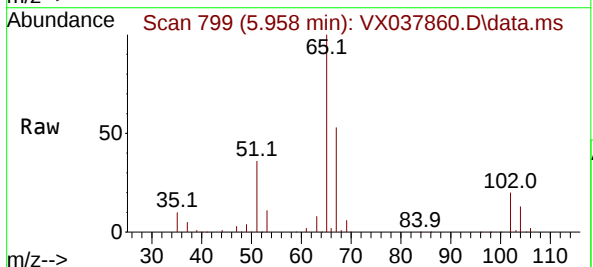
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:168 Resp: 213447
Ion Ratio Lower Upper
168 100
99 57.4 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 47.779 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037860.D
Acq: 21 Sep 2023 17:09

Tgt Ion: 65 Resp: 133989
Ion Ratio Lower Upper
65 100
67 52.6 0.0 100.2

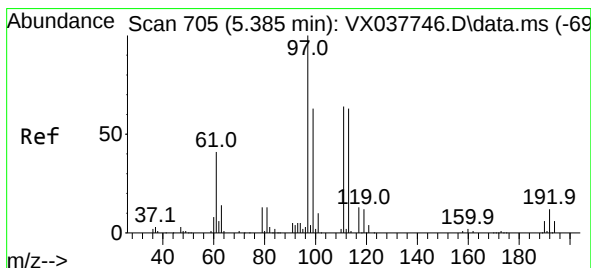
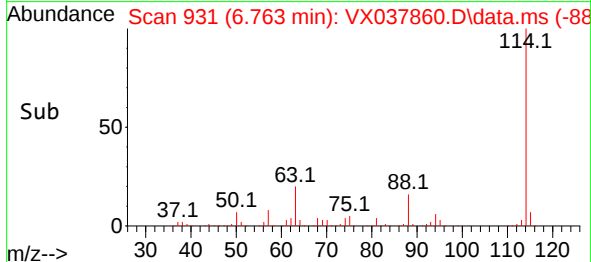
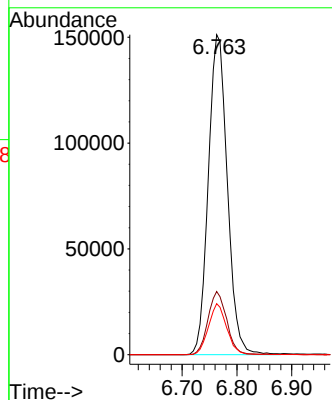
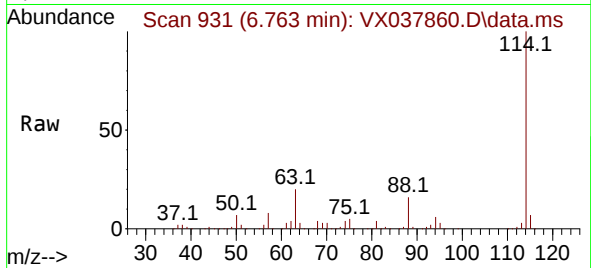




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037860.D
Acq: 21 Sep 2023 17:09

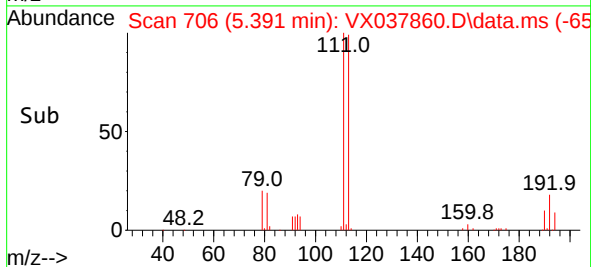
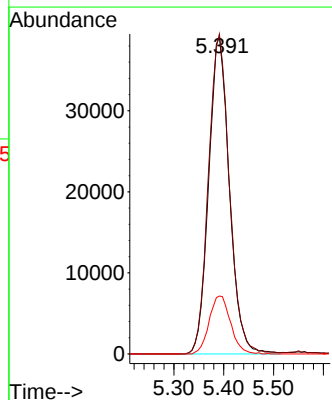
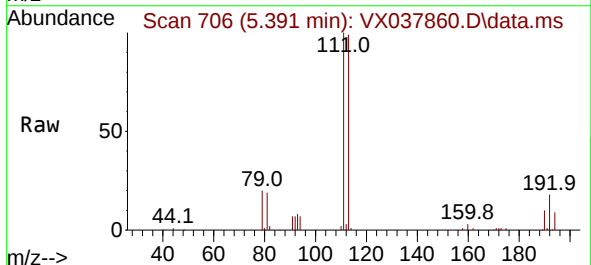
Instrument :
MSVOA_X
ClientSampleId :
IBLK

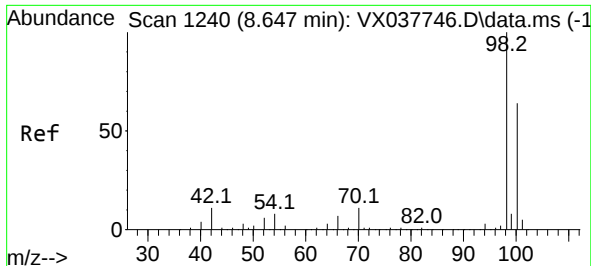
Tgt Ion:114 Resp: 363488
Ion Ratio Lower Upper
114 100
63 19.8 0.0 45.0
88 15.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.402 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037860.D
Acq: 21 Sep 2023 17:09

Tgt Ion:113 Resp: 112855
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 18.9 13.3 19.9





#50

Toluene-d8

Concen: 48.956 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX037860.D

Acq: 21 Sep 2023 17:09

Instrument :

MSVOA_X

ClientSampleId :

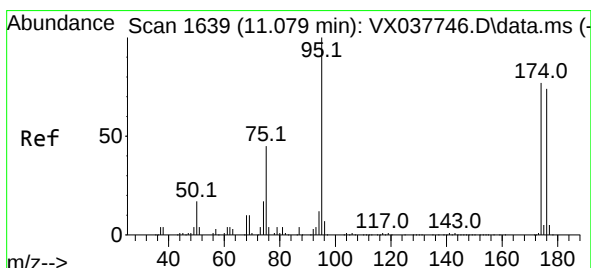
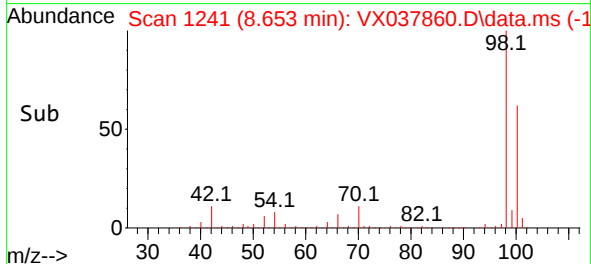
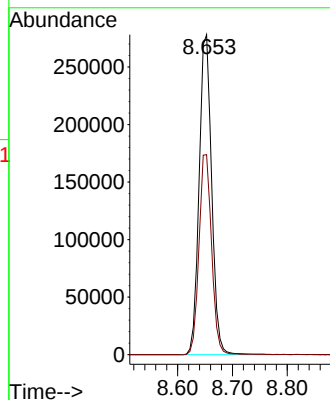
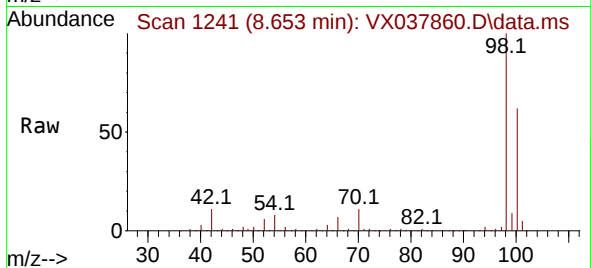
IBLK

Tgt Ion: 98 Resp: 442405

Ion Ratio Lower Upper

98 100

100 63.0 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 48.655 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX037860.D

Acq: 21 Sep 2023 17:09

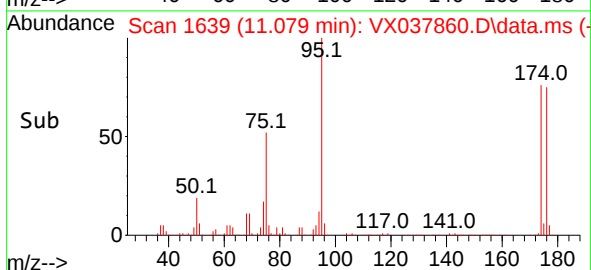
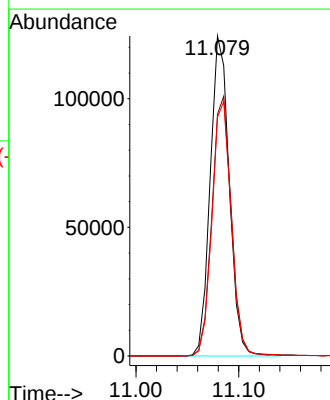
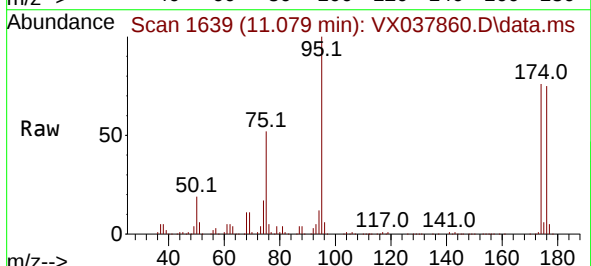
Tgt Ion: 95 Resp: 159773

Ion Ratio Lower Upper

95 100

174 83.1 0.0 135.6

176 80.7 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: VX037860.D

Acq: 21 Sep 2023 17:09

Instrument :

MSVOA_X

ClientSampleId :

IBLK

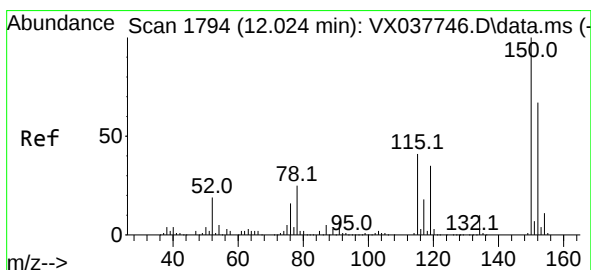
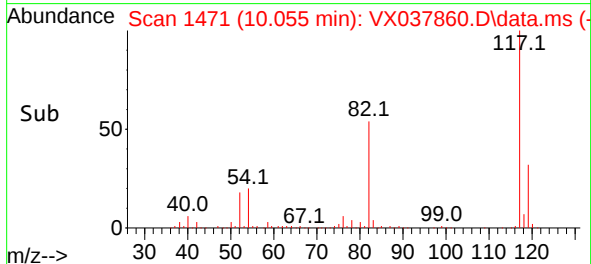
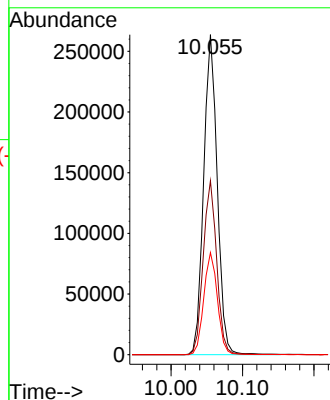
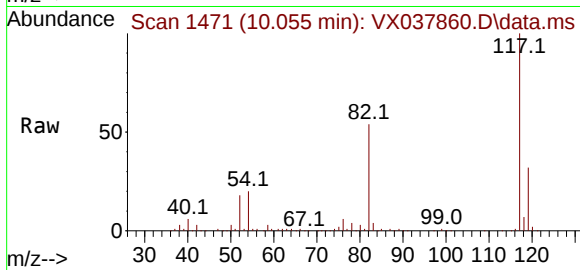
Tgt Ion:117 Resp: 348243

Ion Ratio Lower Upper

117 100

82 54.3 46.2 69.4

119 31.9 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: VX037860.D

Acq: 21 Sep 2023 17:09

Tgt Ion:152 Resp: 175558

Ion Ratio Lower Upper

152 100

115 60.2 43.3 129.9

150 157.4 0.0 345.0

