

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082123\
 Data File : VX037142.D
 Acq On : 21 Aug 2023 19:44
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

Quant Time: Aug 22 06:01:45 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	5.556	168	171871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	299988	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	269664	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125542	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	124753	50.348	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.700%
35) Dibromofluoromethane	5.385	113	97688	49.170	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.340%
50) Toluene-d8	8.647	98	358134	49.695	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.380%
62) 4-Bromofluorobenzene	11.079	95	134159	47.370	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.740%

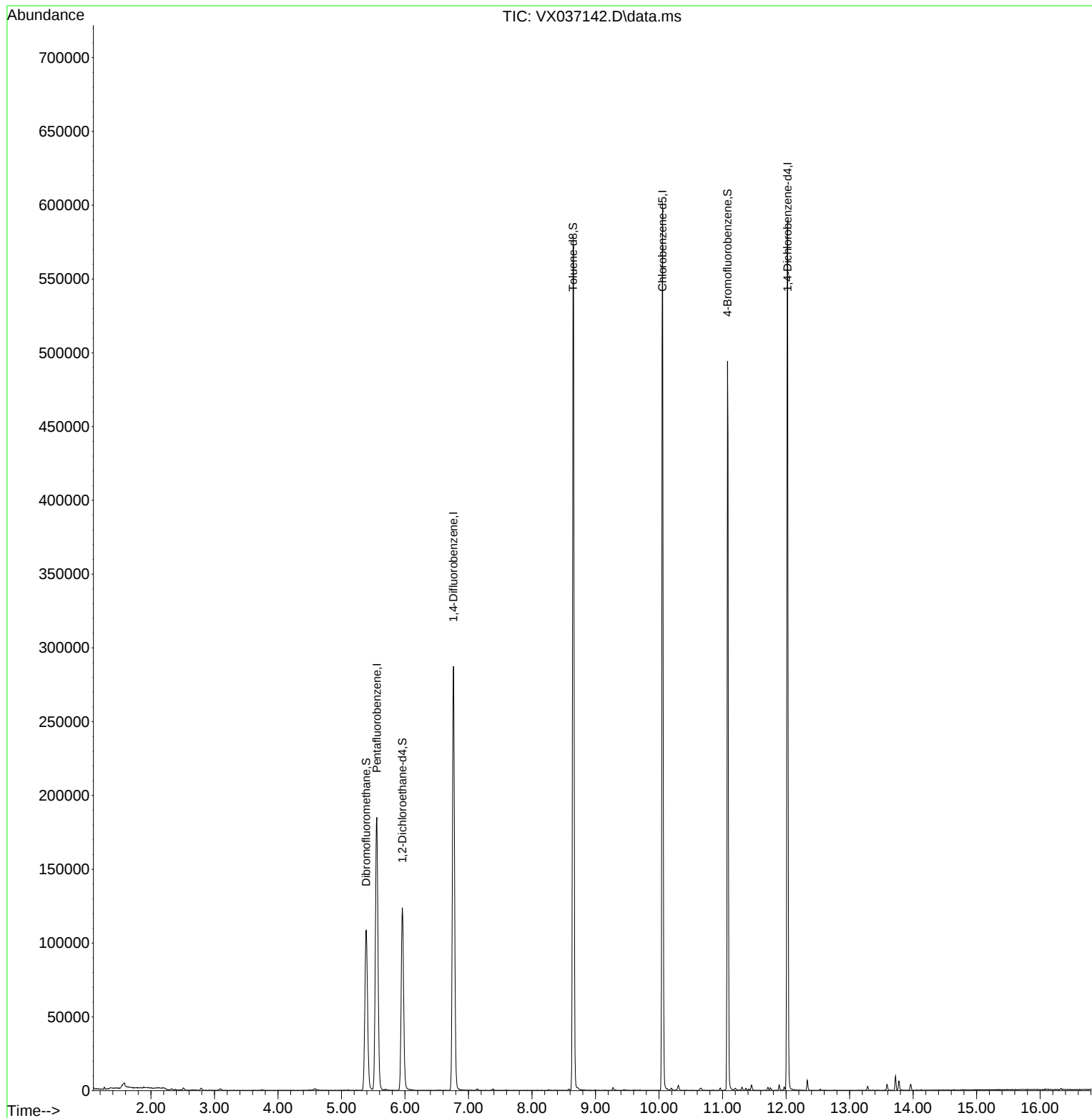
Target Compounds	Qvalue

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

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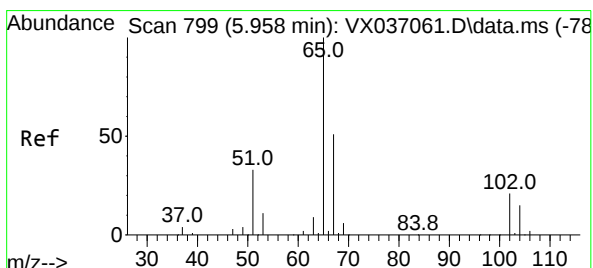
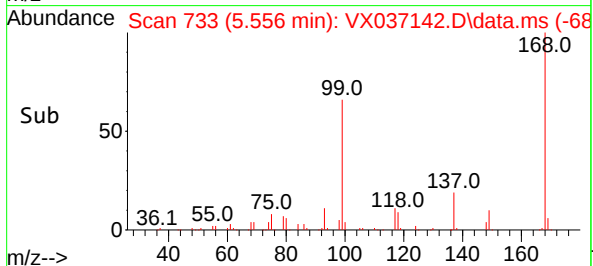
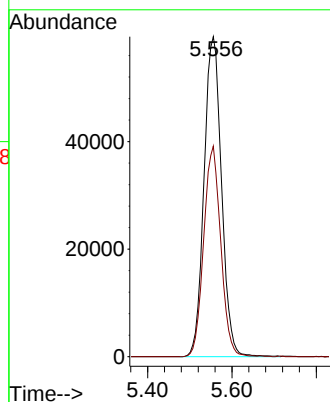
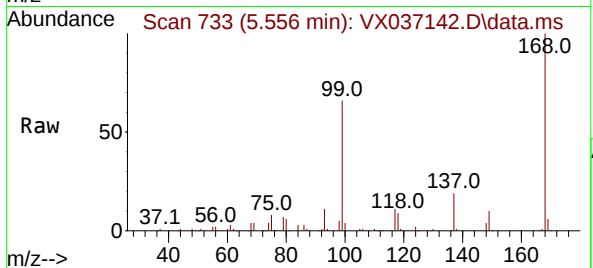




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037142.D
Acq: 21 Aug 2023 19:44

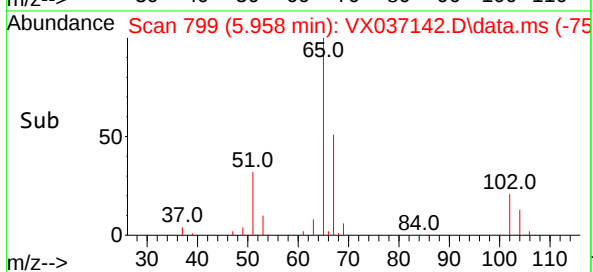
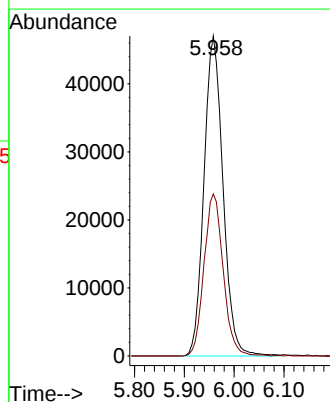
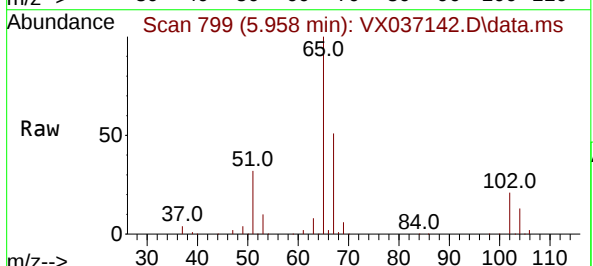
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 171871
Ion Ratio Lower Upper
168 100
99 65.8 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 50.348 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037142.D
Acq: 21 Aug 2023 19:44

Tgt Ion: 65 Resp: 124753
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.2

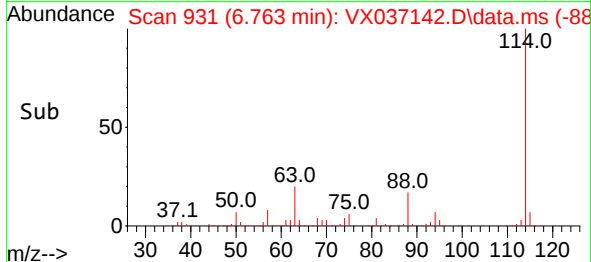
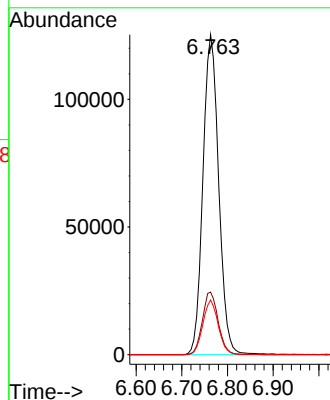
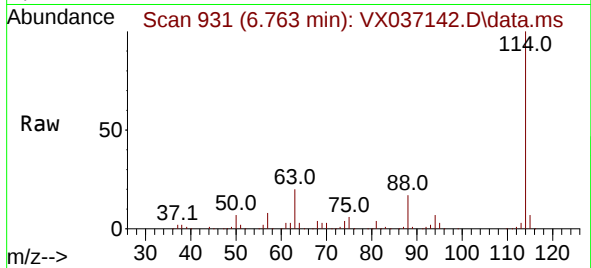




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037142.D
Acq: 21 Aug 2023 19:44

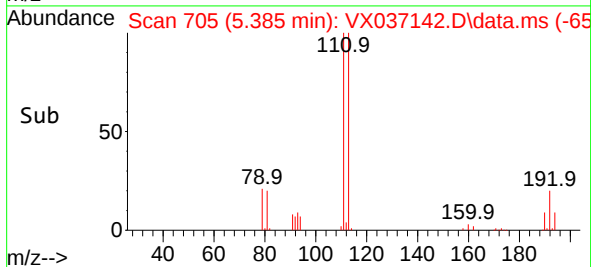
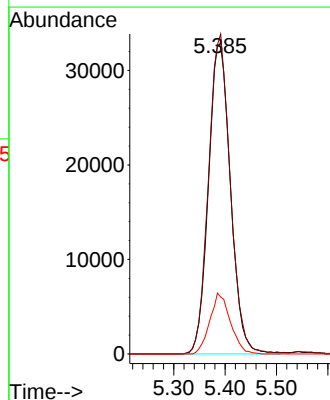
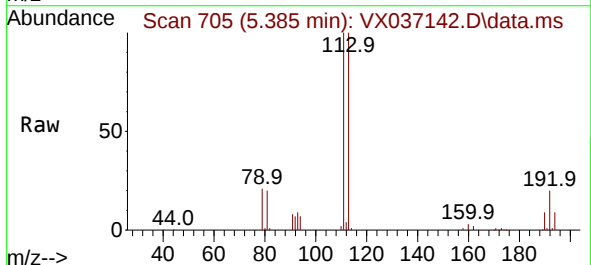
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

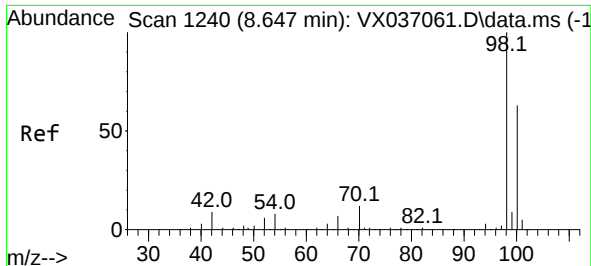
Tgt Ion:114 Resp: 299988
Ion Ratio Lower Upper
114 100
63 19.5 0.0 45.0
88 17.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.170 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037142.D
Acq: 21 Aug 2023 19:44

Tgt Ion:113 Resp: 97688
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 18.3 13.3 19.9

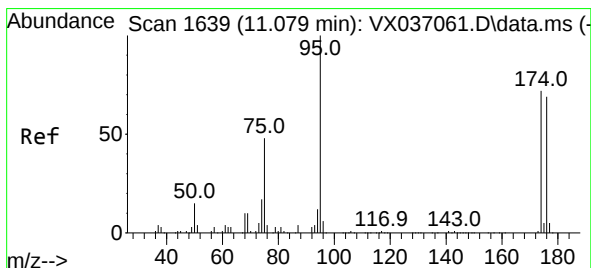
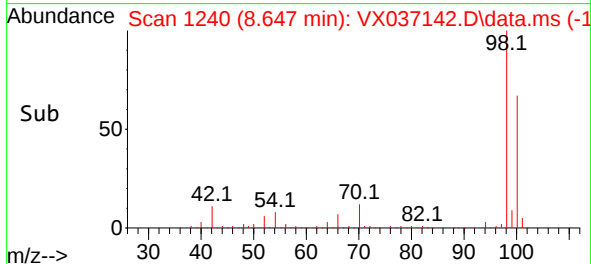
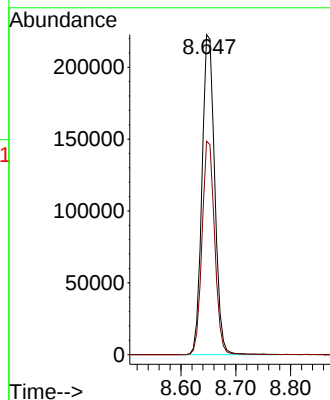
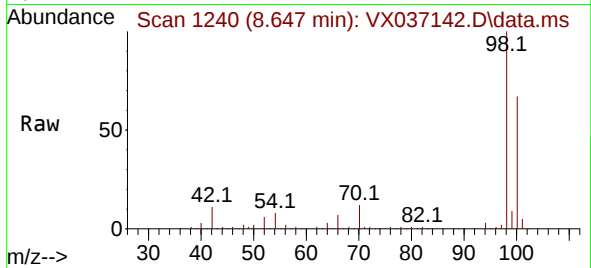




#50
Toluene-d8
Concen: 49.695 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037142.D
Acq: 21 Aug 2023 19:44

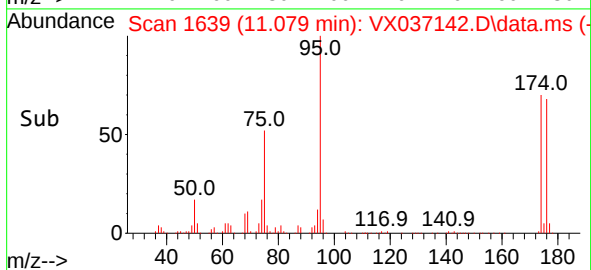
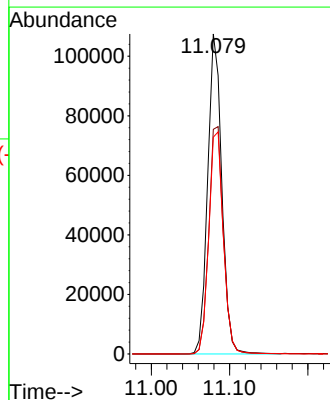
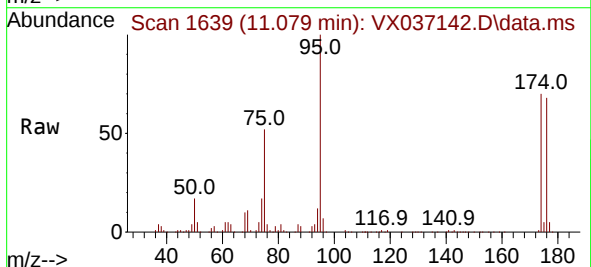
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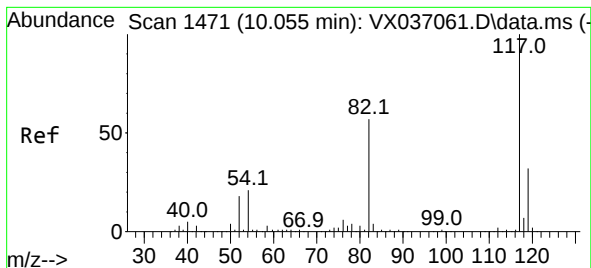
Tgt Ion: 98 Resp: 358134
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.370 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037142.D
Acq: 21 Aug 2023 19:44

Tgt Ion: 95 Resp: 134159
Ion Ratio Lower Upper
95 100
174 73.2 0.0 135.6
176 71.8 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: VX037142.D

Acq: 21 Aug 2023 19:44

Instrument :

MSVOA_X

ClientSampleId :

VIBLK

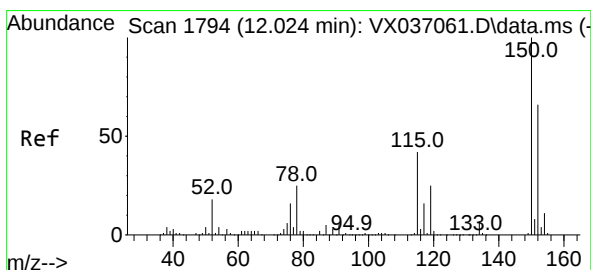
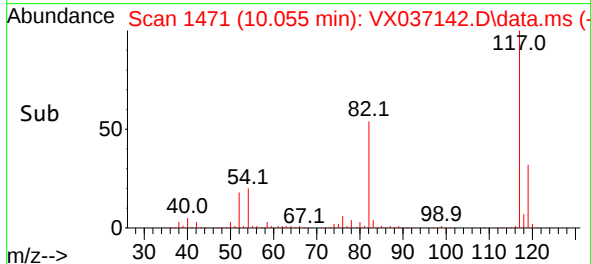
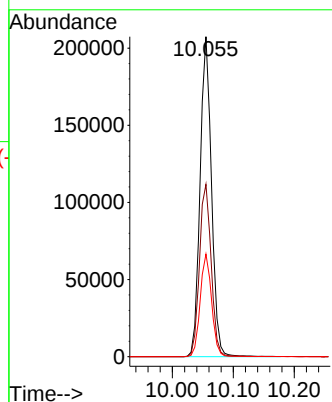
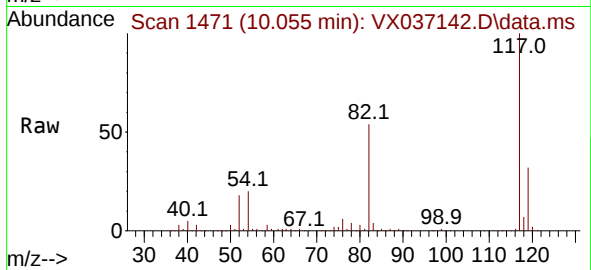
Tgt Ion:117 Resp: 269664

Ion Ratio Lower Upper

117 100

82 53.9 46.2 69.4

119 32.0 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: VX037142.D

Acq: 21 Aug 2023 19:44

Tgt Ion:152 Resp: 125542

Ion Ratio Lower Upper

152 100

115 63.4 43.3 129.9

150 156.8 0.0 345.0

