

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092923\
 Data File : VX037968.D
 Acq On : 29 Sep 2023 12:18
 Operator : JC/MD
 Sample : 04656-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-105D

Quant Time: Sep 29 23:02:54 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	212510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	358151	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	342665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	176918	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	130349	46.686	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.380%
35) Dibromofluoromethane	5.391	113	110720	46.203	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.400%
50) Toluene-d8	8.647	98	432189	48.538	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.080%
62) 4-Bromofluorobenzene	11.079	95	160274	49.535	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.060%

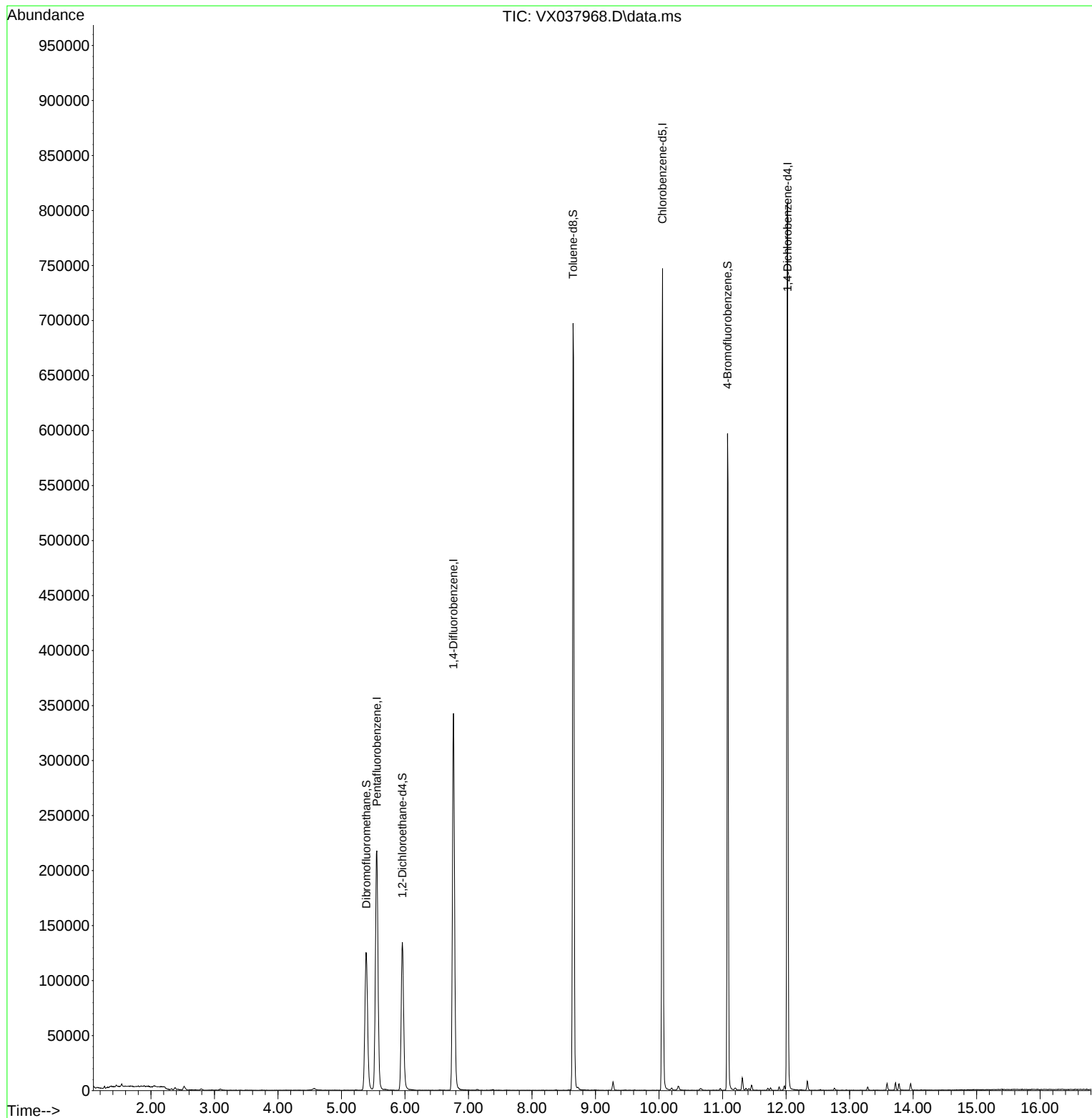
Target Compounds	Qvalue

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

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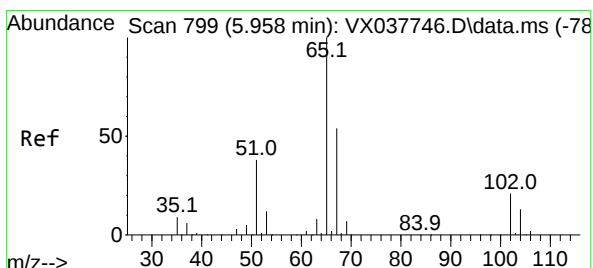
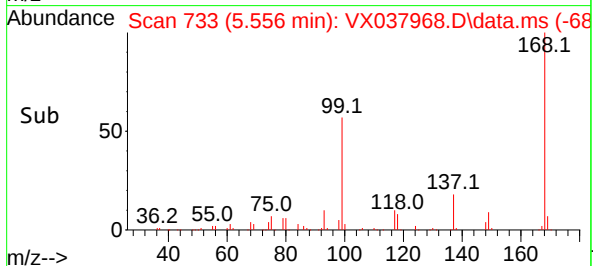
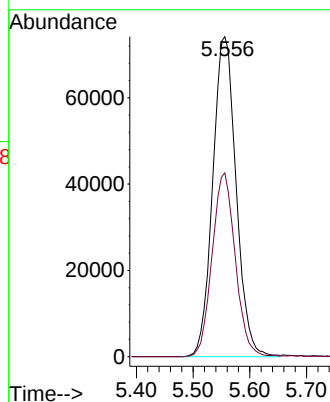
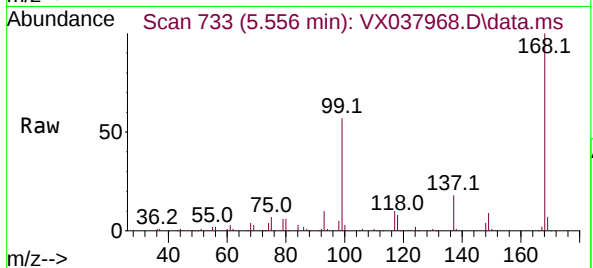




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037968.D
Acq: 29 Sep 2023 12:18

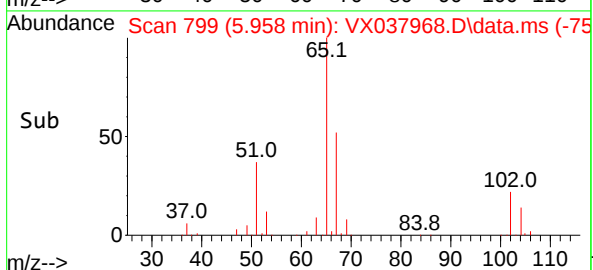
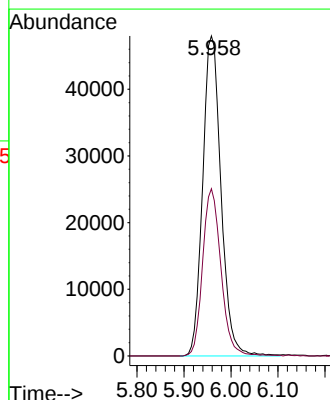
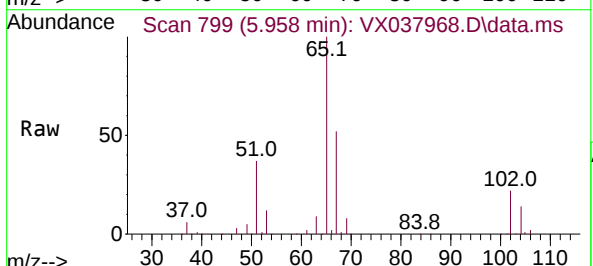
Instrument :
MSVOA_X
ClientSampleId :
MW-105D

Tgt Ion:168 Resp: 212510
Ion Ratio Lower Upper
168 100
99 57.5 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 46.686 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037968.D
Acq: 29 Sep 2023 12:18

Tgt Ion: 65 Resp: 130349
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.2

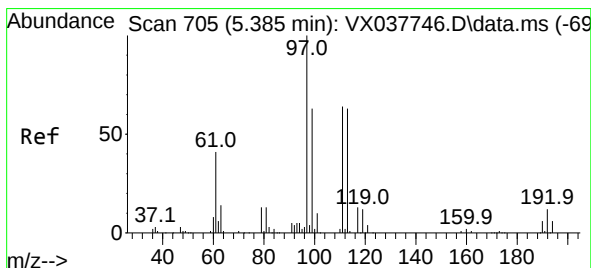
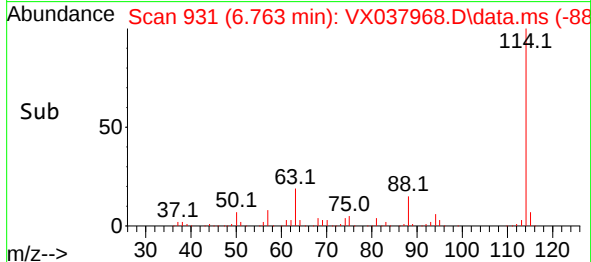
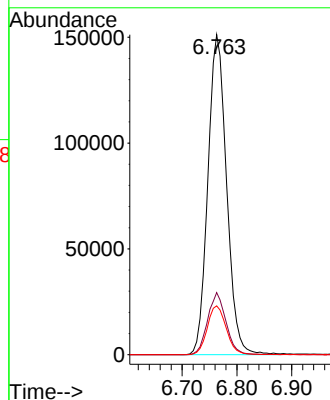
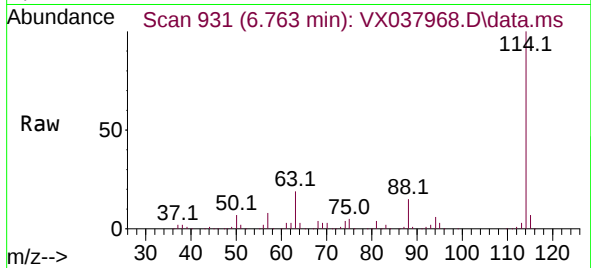




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX037968.D
 Acq: 29 Sep 2023 12:18

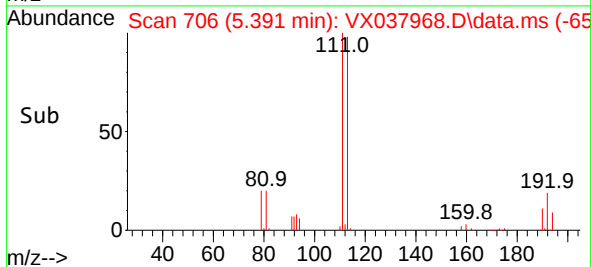
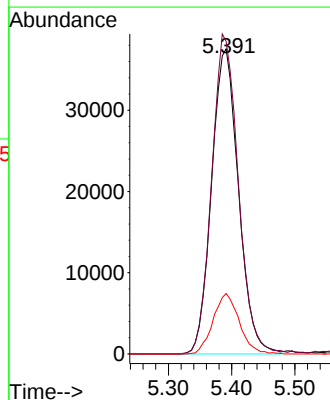
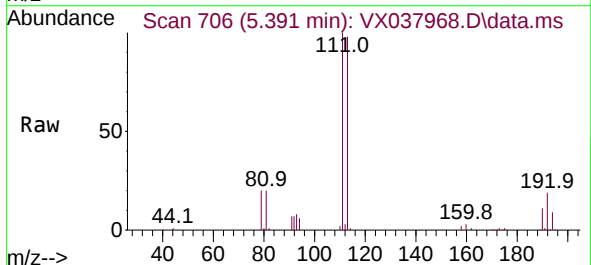
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-105D

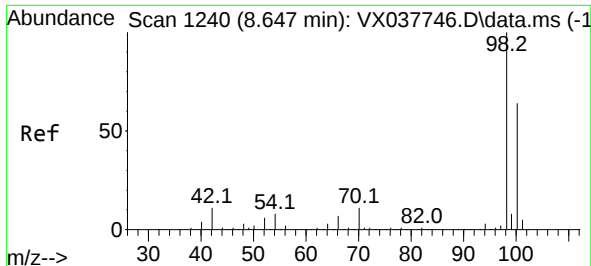
Tgt Ion:114 Resp: 358151
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 45.0
 88 15.2 0.0 36.6



#35
 Dibromofluoromethane
 Concen: 46.203 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. 0.006 min
 Lab File: VX037968.D
 Acq: 29 Sep 2023 12:18

Tgt Ion:113 Resp: 110720
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.9 124.3
 192 19.3 13.3 19.9

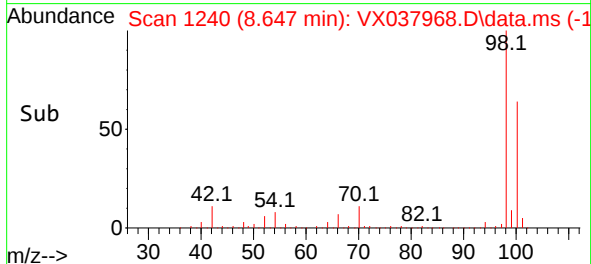
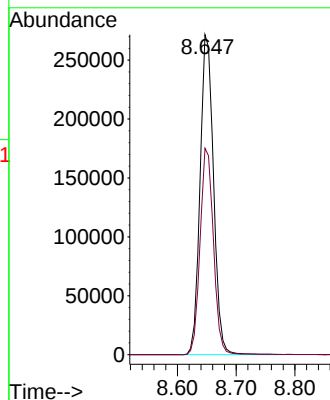
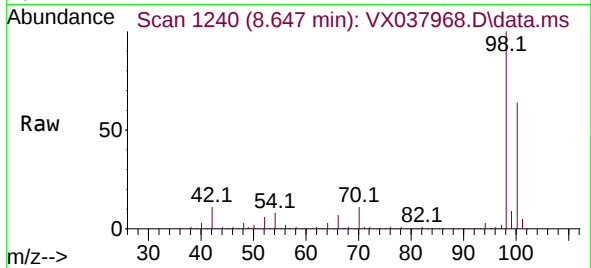




#50
Toluene-d8
Concen: 48.538 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037968.D
Acq: 29 Sep 2023 12:18

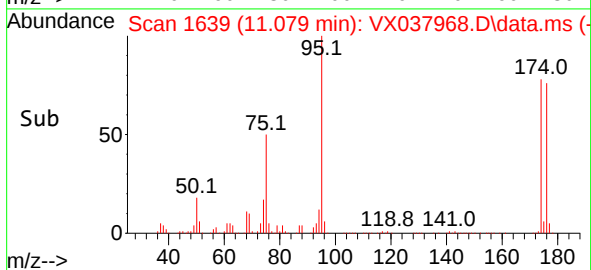
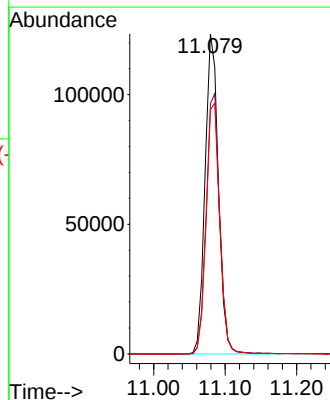
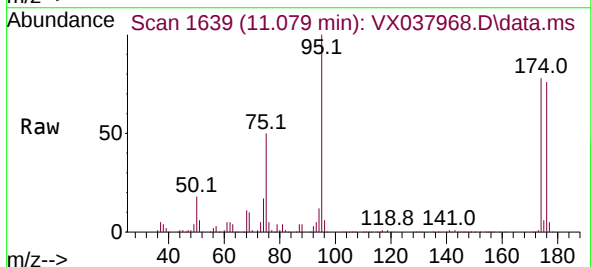
Instrument :
MSVOA_X
ClientSampleId :
MW-105D

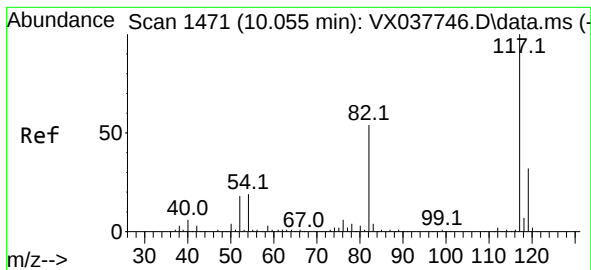
Tgt Ion: 98 Resp: 432189
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.535 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037968.D
Acq: 29 Sep 2023 12:18

Tgt Ion: 95 Resp: 160274
Ion Ratio Lower Upper
95 100
174 82.6 0.0 135.6
176 79.9 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: VX037968.D

Acq: 29 Sep 2023 12:18

Instrument :

MSVOA_X

ClientSampleId :

MW-105D

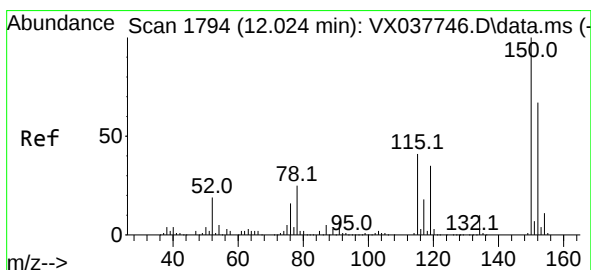
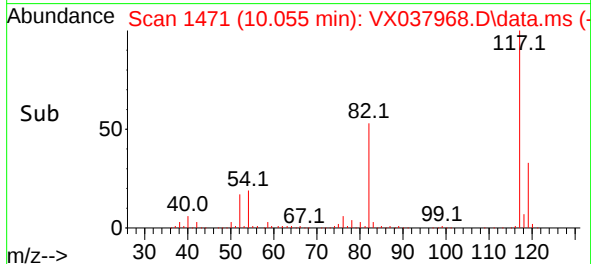
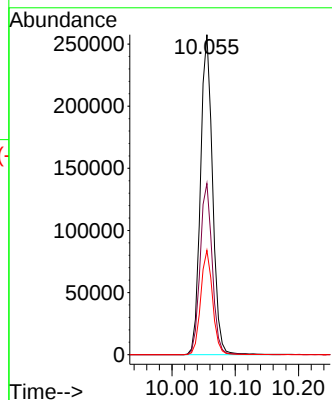
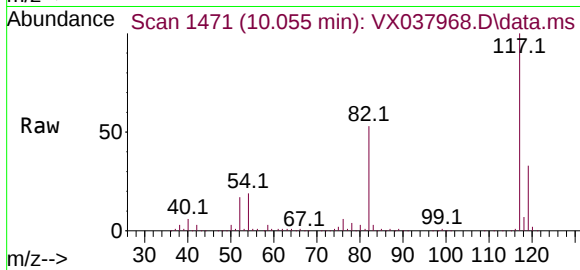
Tgt Ion:117 Resp: 342665

Ion Ratio Lower Upper

117 100

82 53.5 46.2 69.4

119 32.6 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: VX037968.D

Acq: 29 Sep 2023 12:18

Tgt Ion:152 Resp: 176918

Ion Ratio Lower Upper

152 100

115 59.2 43.3 129.9

150 154.6 0.0 345.0

