

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042425\
 Data File : VX045916.D
 Acq On : 24 Apr 2025 10:52
 Operator : JC/MD
 Sample : VX0424WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBL01

Quant Time: Apr 25 02:25:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	68463	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	133975	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	125463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51485	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67593	53.988	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.980%
35) Dibromofluoromethane	5.385	113	49020	51.570	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.140%
50) Toluene-d8	8.647	98	170300	51.329	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.660%
62) 4-Bromofluorobenzene	11.079	95	62611	51.808	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.620%

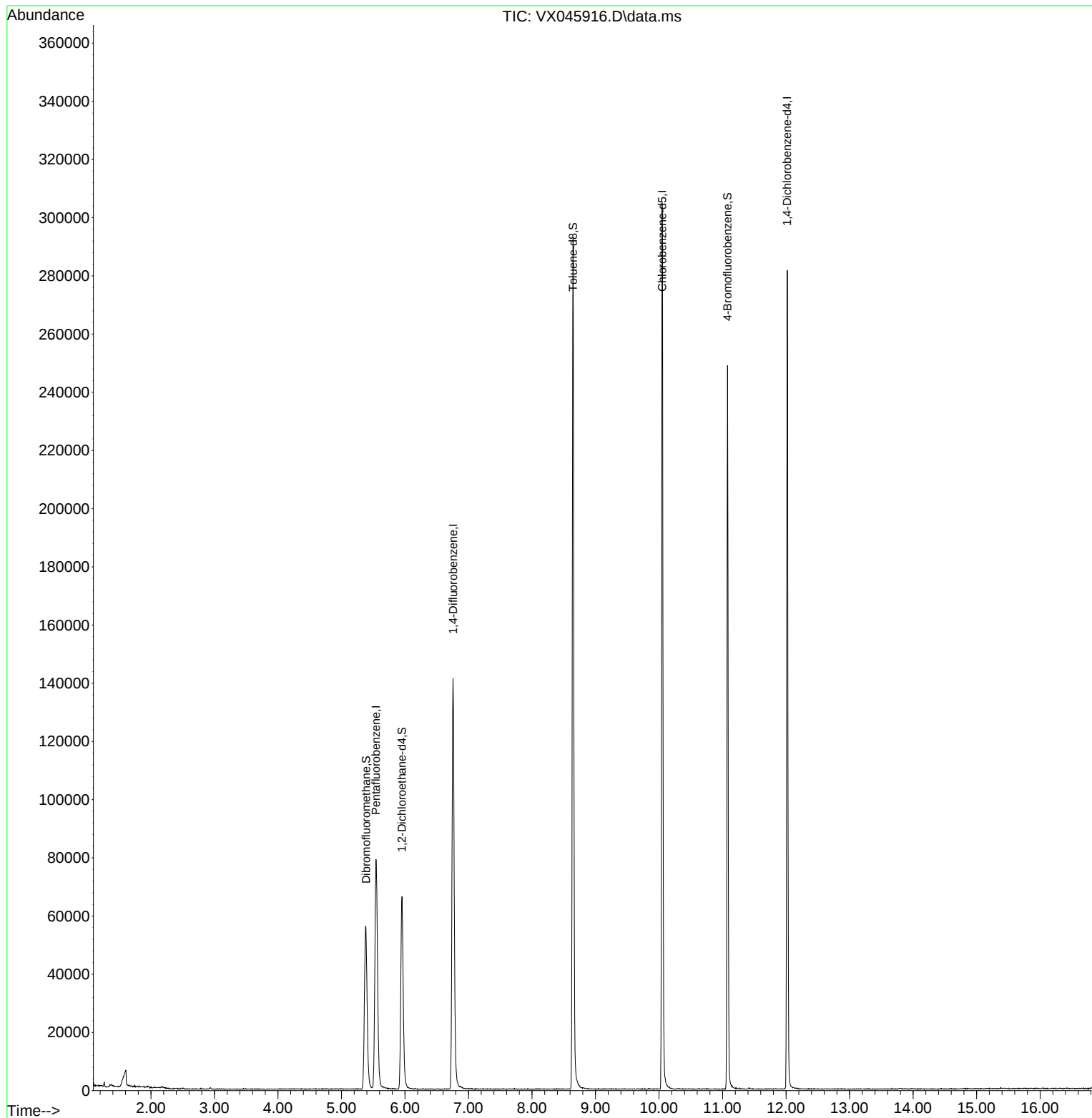
Target Compounds	Qvalue

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

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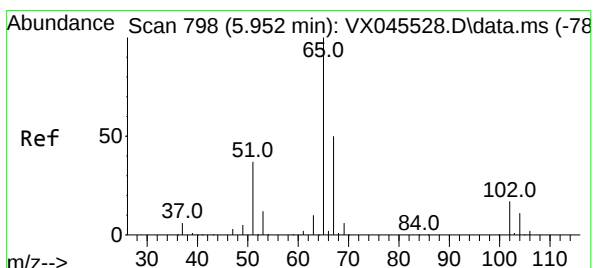
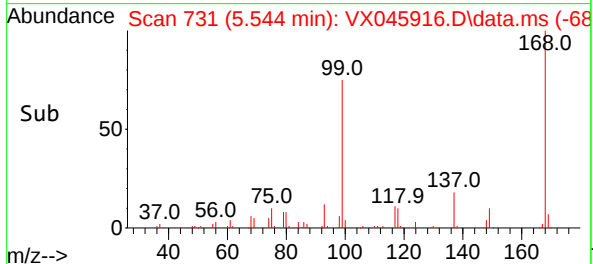
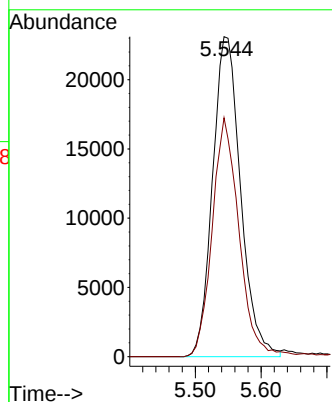
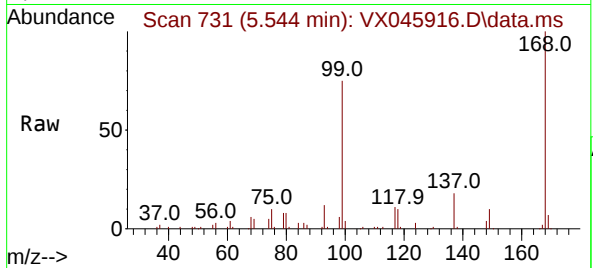




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045916.D
Acq: 24 Apr 2025 10:52

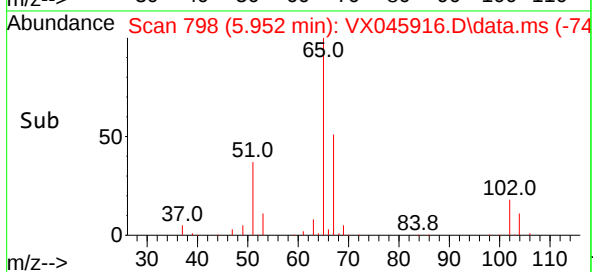
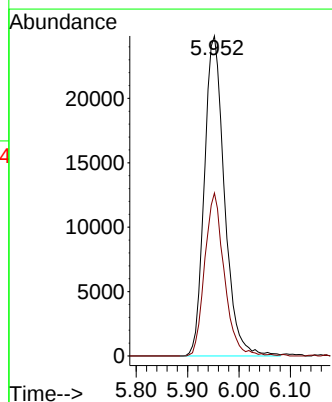
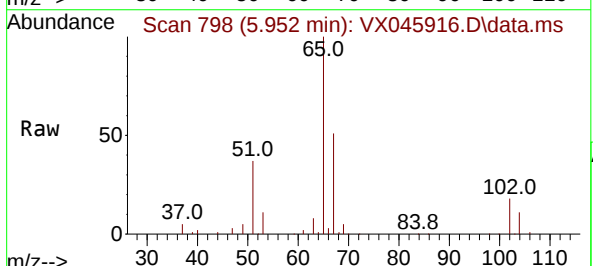
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBL01

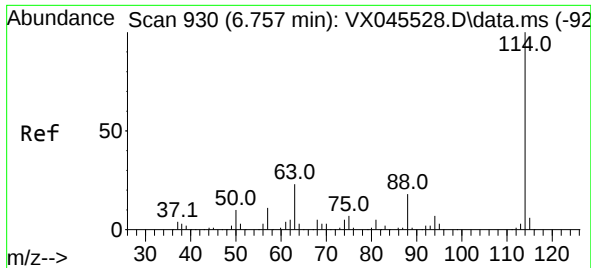
Tgt Ion:168 Resp: 68463
Ion Ratio Lower Upper
168 100
99 74.7 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: 53.988 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045916.D
Acq: 24 Apr 2025 10:52

Tgt Ion: 65 Resp: 67593
Ion Ratio Lower Upper
65 100
67 49.5 0.0 99.0

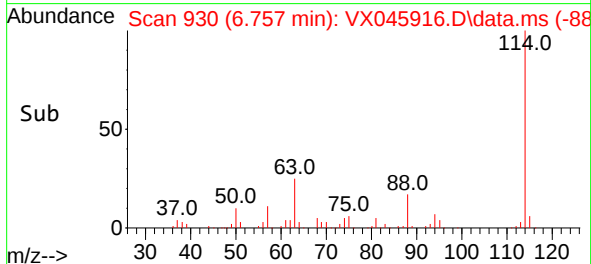
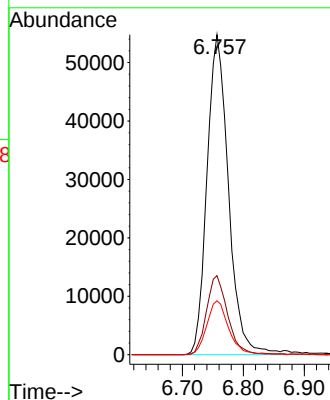
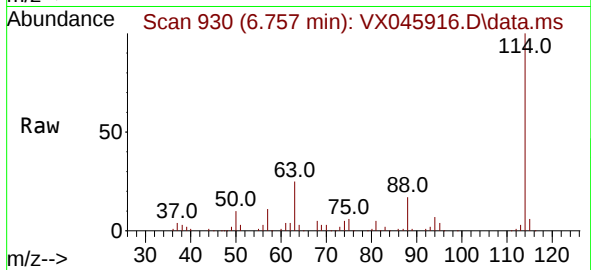




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045916.D
Acq: 24 Apr 2025 10:52

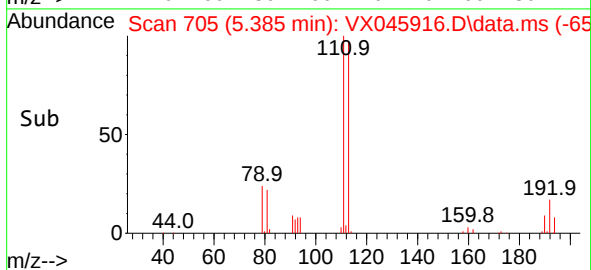
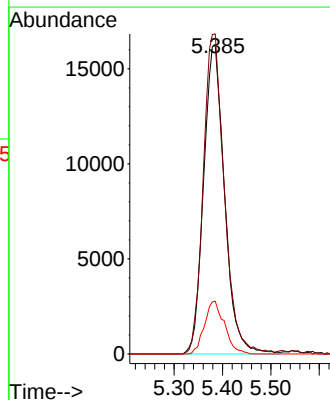
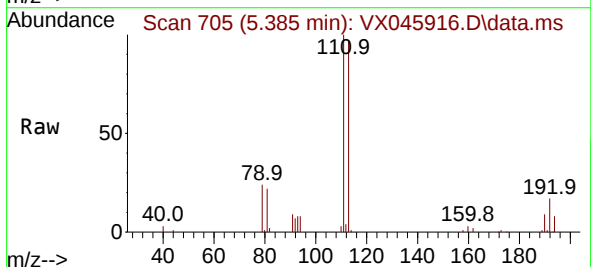
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBL01

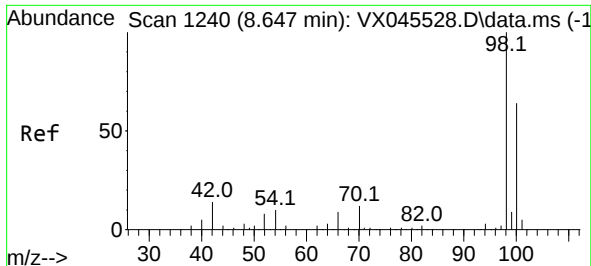
Tgt Ion:114 Resp: 133975
Ion Ratio Lower Upper
114 100
63 24.7 0.0 46.8
88 16.9 0.0 35.4



#35
Dibromofluoromethane
Concen: 51.570 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX045916.D
Acq: 24 Apr 2025 10:52

Tgt Ion:113 Resp: 49020
Ion Ratio Lower Upper
113 100
111 103.5 81.8 122.6
192 16.3 13.8 20.6

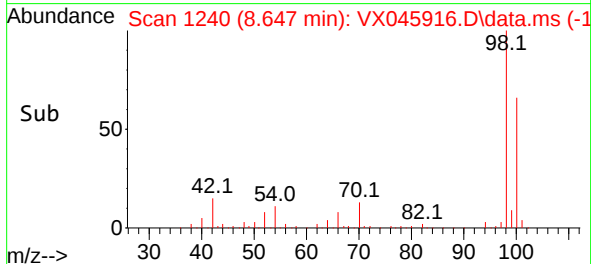
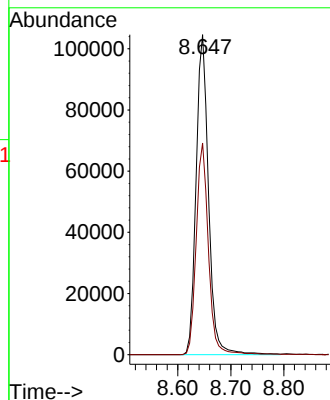
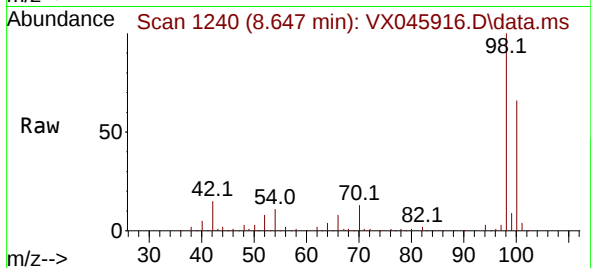




#50
Toluene-d8
Concen: 51.329 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045916.D
Acq: 24 Apr 2025 10:52

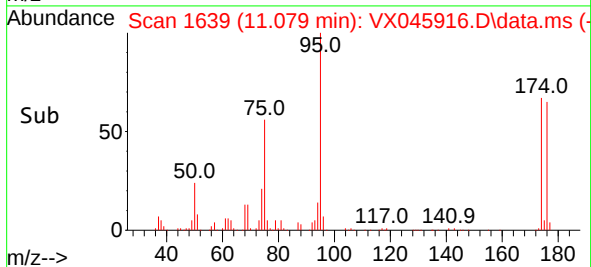
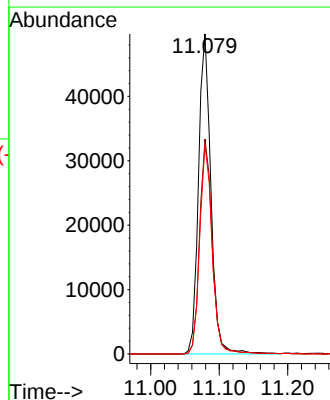
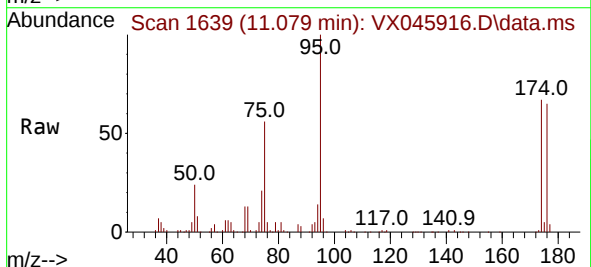
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBL01

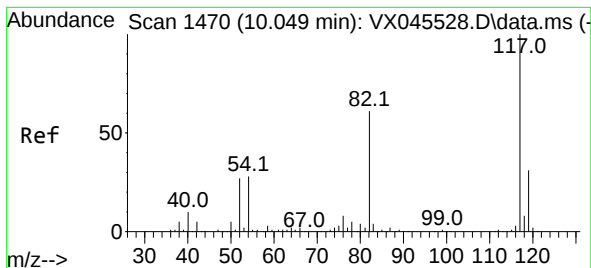
Tgt Ion: 98 Resp: 170300
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 51.808 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045916.D
Acq: 24 Apr 2025 10:52

Tgt Ion: 95 Resp: 62611
Ion Ratio Lower Upper
95 100
174 68.4 0.0 135.8
176 65.6 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX045916.D

Acq: 24 Apr 2025 10:52

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBL01

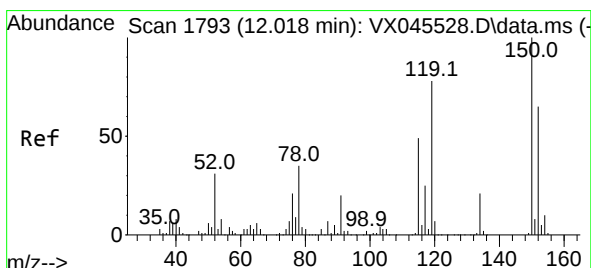
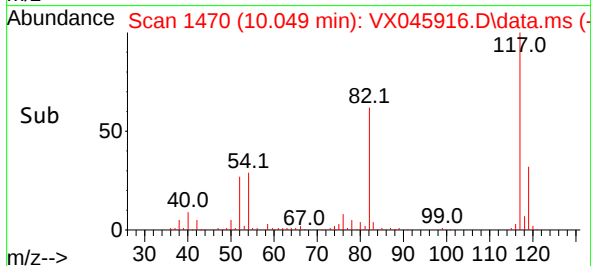
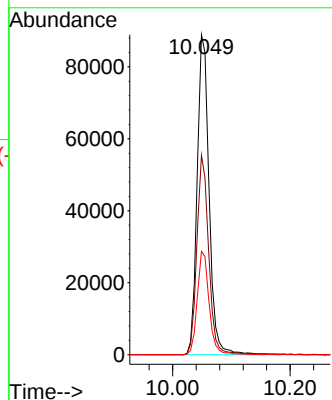
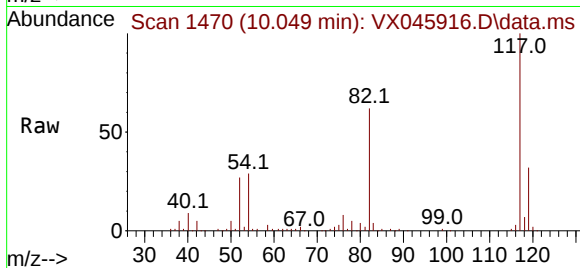
Tgt Ion:117 Resp: 125463

Ion Ratio Lower Upper

117 100

82 62.4 49.2 73.8

119 32.3 25.1 37.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX045916.D

Acq: 24 Apr 2025 10:52

Tgt Ion:152 Resp: 51485

Ion Ratio Lower Upper

152 100

115 65.7 46.9 140.7

150 155.5 0.0 349.4

