

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
 Data File : VX046154.D
 Acq On : 13 May 2025 10:29
 Operator : JC/MD
 Sample : VX0513MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513MBL01

Quant Time: May 14 01:34:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	63469	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	125679	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	116342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48833	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	63167	53.384	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.760%
35) Dibromofluoromethane	5.373	113	46670	51.568	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.140%
50) Toluene-d8	8.647	98	156874	50.081	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.160%
62) 4-Bromofluorobenzene	11.079	95	59880	49.836	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.680%

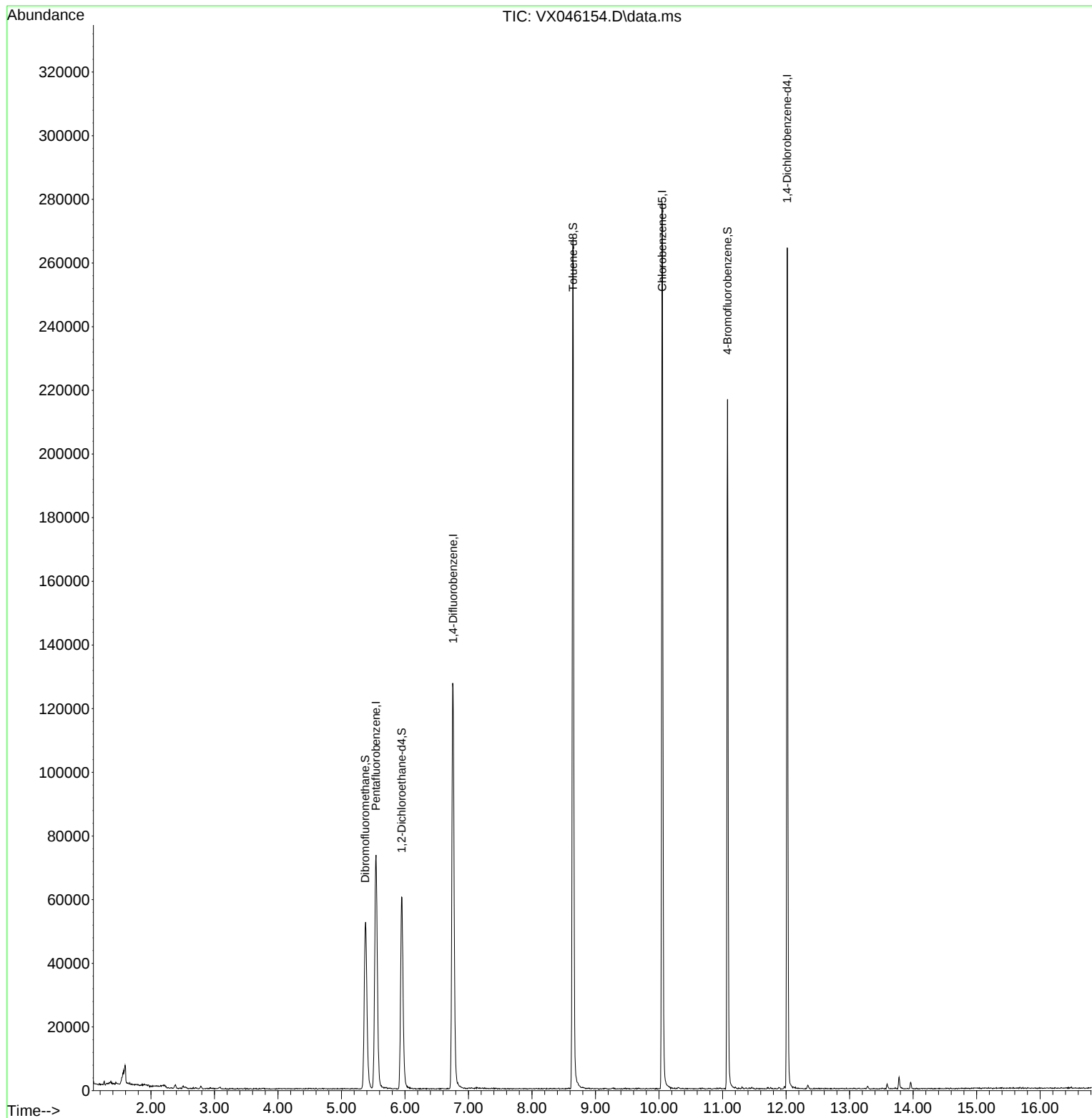
Target Compounds	Qvalue

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

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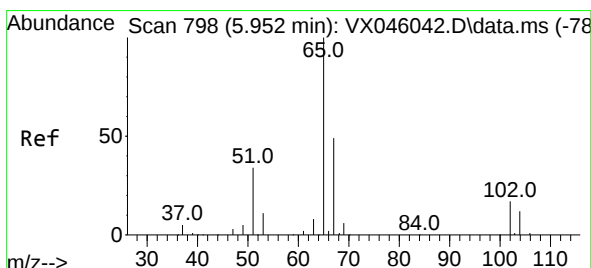
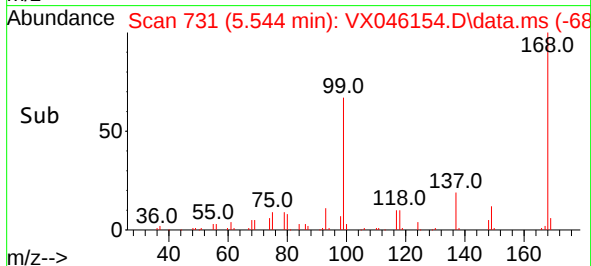
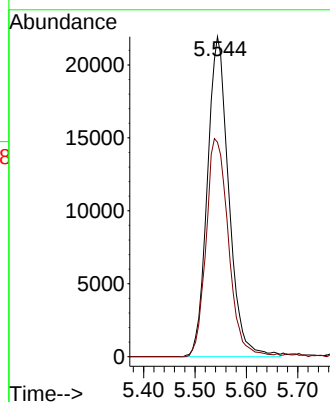
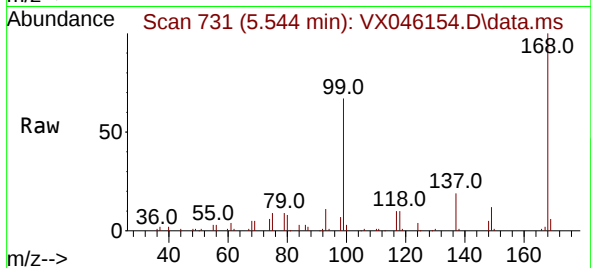




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046154.D
Acq: 13 May 2025 10:29

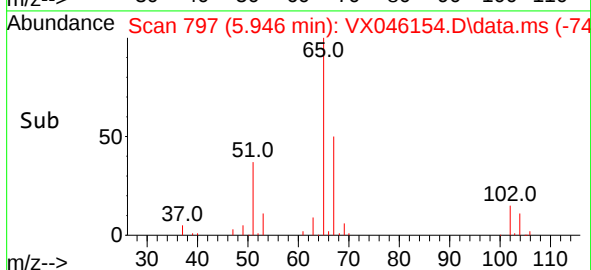
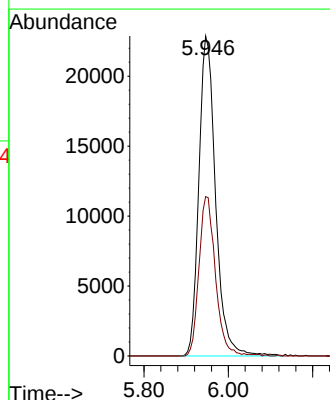
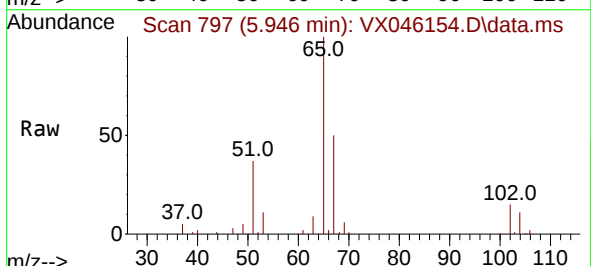
Instrument :
MSVOA_X
ClientSampleId :
VX0513MBL01

Tgt Ion:168 Resp: 63469
Ion Ratio Lower Upper
168 100
99 67.0 54.9 82.3



#33
1,2-Dichloroethane-d4
Concen: 53.384 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX046154.D
Acq: 13 May 2025 10:29

Tgt Ion: 65 Resp: 63167
Ion Ratio Lower Upper
65 100
67 49.3 0.0 99.0

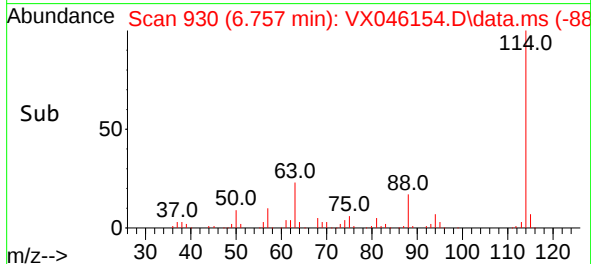
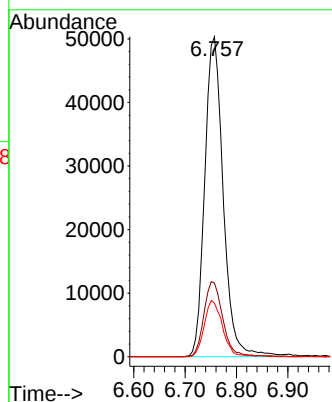
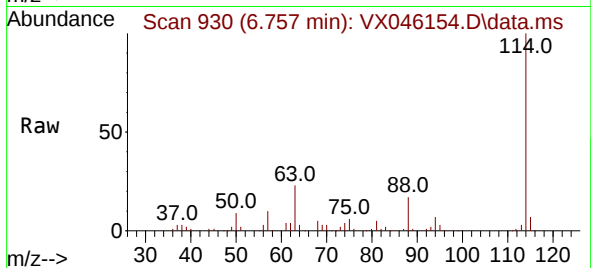




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX046154.D
 Acq: 13 May 2025 10:29

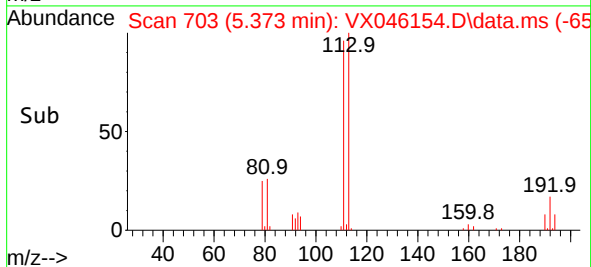
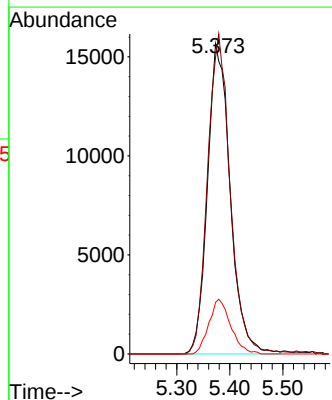
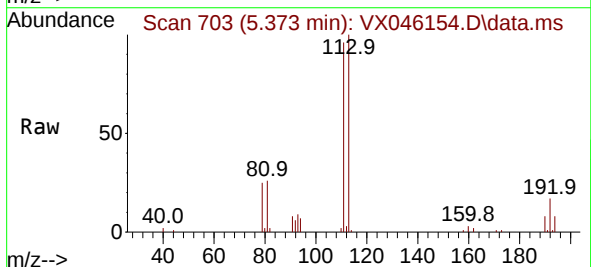
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513MBL01

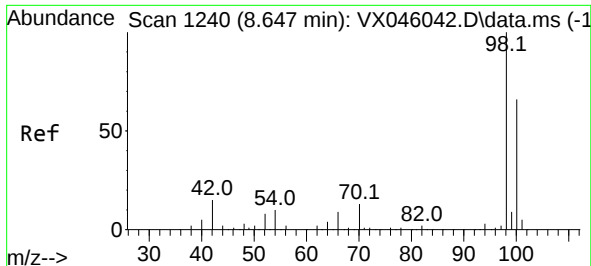
Tgt Ion:114 Resp: 125679
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 49.2
 88 16.7 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 51.568 ug/l
 RT: 5.373 min Scan# 703
 Delta R.T. -0.006 min
 Lab File: VX046154.D
 Acq: 13 May 2025 10:29

Tgt Ion:113 Resp: 46670
 Ion Ratio Lower Upper
 113 100
 111 102.6 83.1 124.7
 192 16.9 13.3 19.9

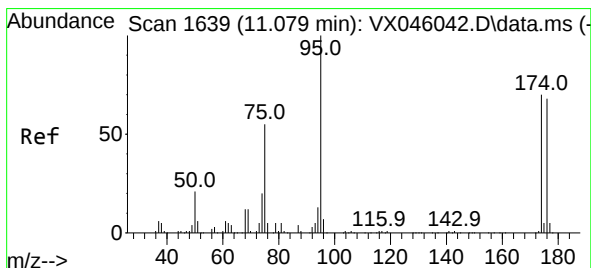
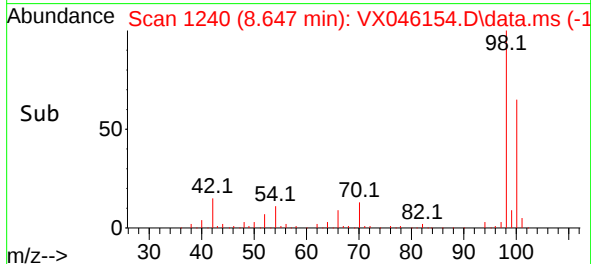
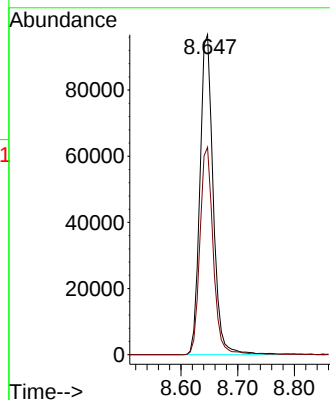
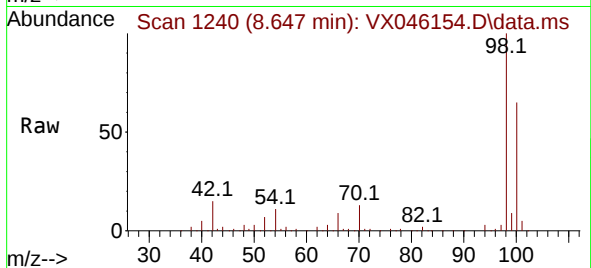




#50
Toluene-d8
Concen: 50.081 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046154.D
Acq: 13 May 2025 10:29

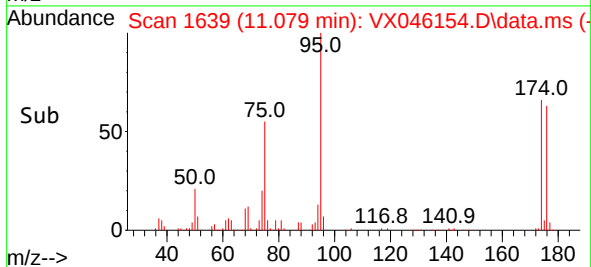
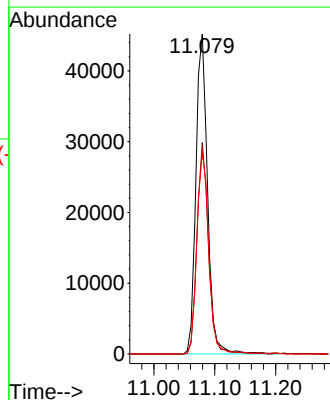
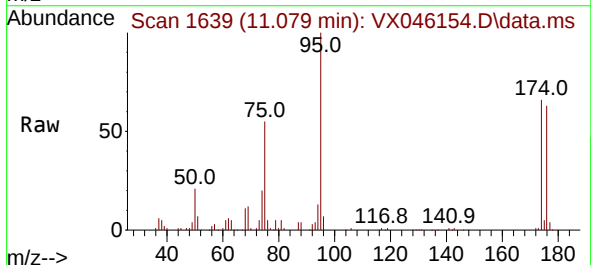
Instrument :
MSVOA_X
ClientSampleId :
VX0513MBL01

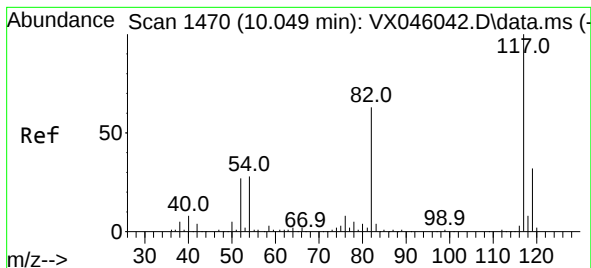
Tgt Ion: 98 Resp: 156874
Ion Ratio Lower Upper
98 100
100 65.4 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 49.836 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046154.D
Acq: 13 May 2025 10:29

Tgt Ion: 95 Resp: 59880
Ion Ratio Lower Upper
95 100
174 65.2 0.0 135.8
176 64.7 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: VX046154.D

Acq: 13 May 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

VX0513MBL01

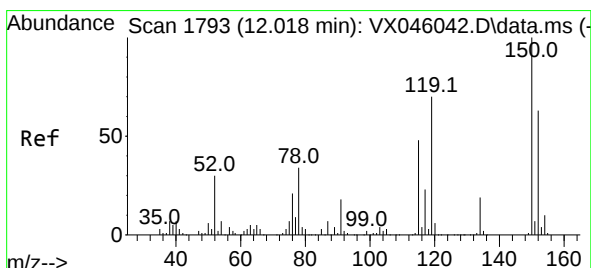
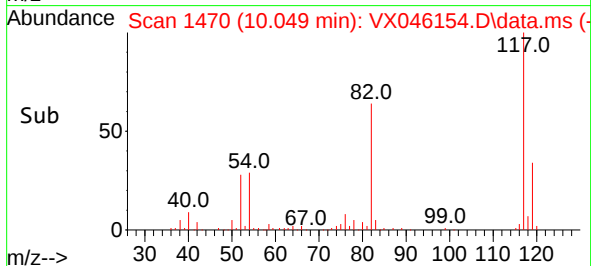
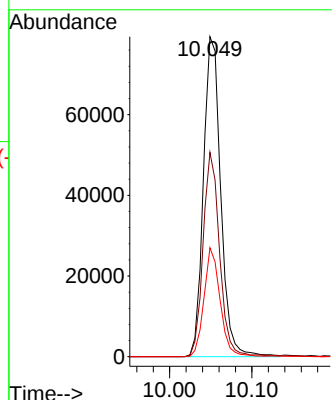
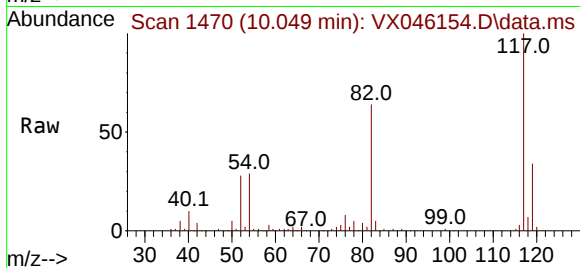
Tgt Ion:117 Resp: 116342

Ion Ratio Lower Upper

117 100

82 63.8 50.6 76.0

119 34.0 25.8 38.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX046154.D

Acq: 13 May 2025 10:29

Tgt Ion:152 Resp: 48833

Ion Ratio Lower Upper

152 100

115 64.1 46.9 140.7

150 157.3 0.0 351.0

