

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051525\
 Data File : VX046202.D
 Acq On : 15 May 2025 10:38
 Operator : JC/MD
 Sample : VX0515WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBL01

Quant Time: May 16 01:01:57 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	65765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	130899	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	122283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51360	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66447	54.195	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.400%
35) Dibromofluoromethane	5.379	113	48539	51.494	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.980%
50) Toluene-d8	8.647	98	163643	50.159	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.320%
62) 4-Bromofluorobenzene	11.079	95	61253	48.946	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.900%

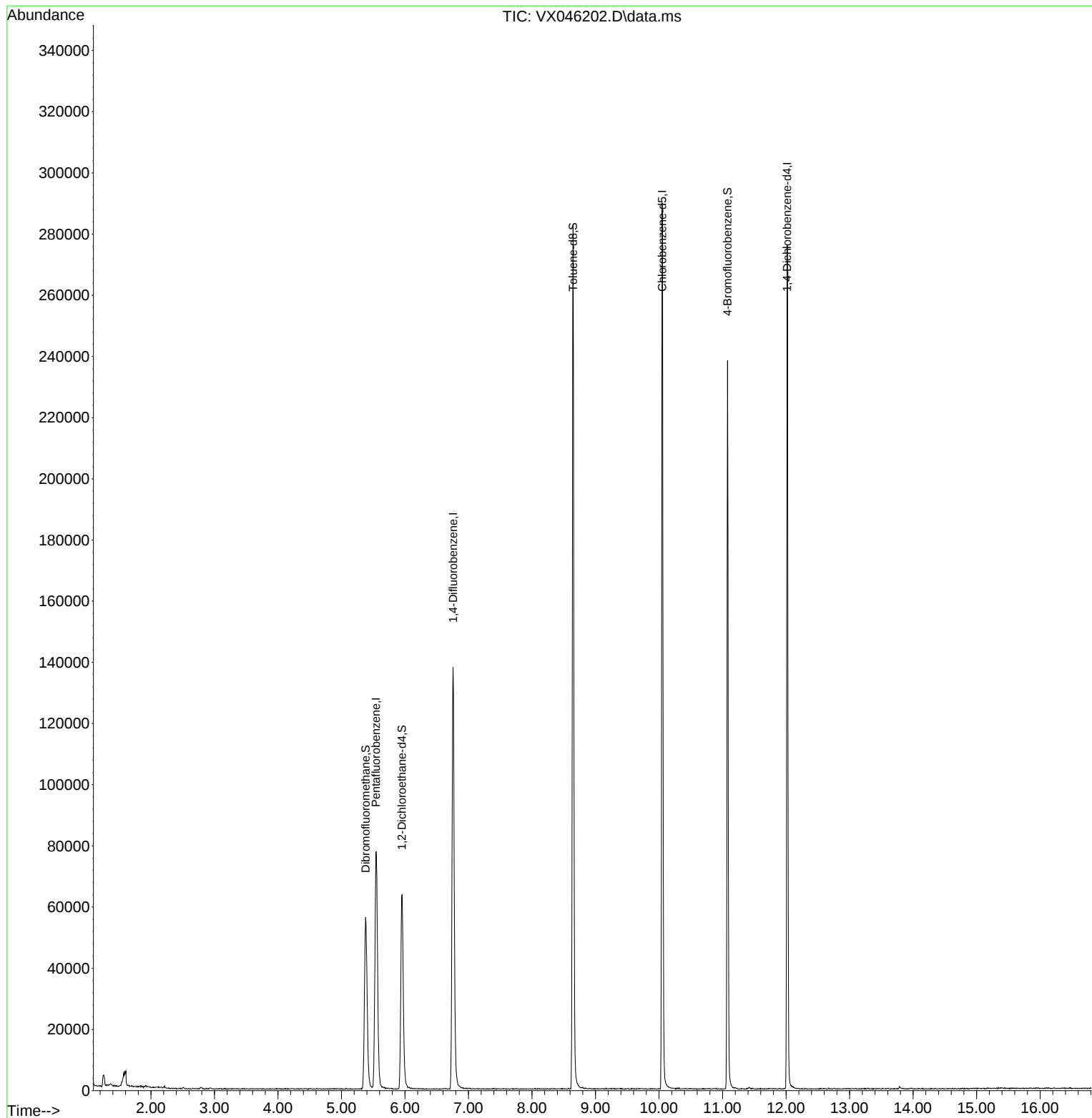
Target Compounds	Qvalue

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

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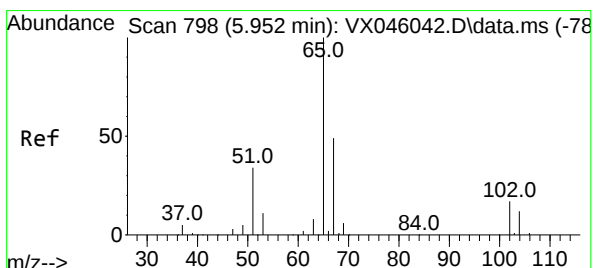
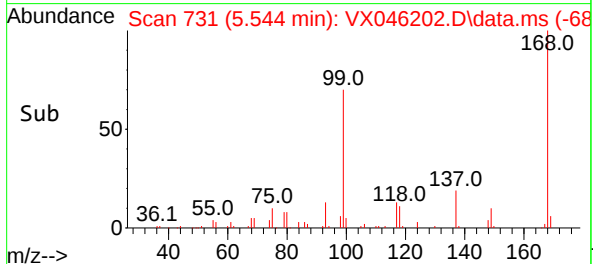
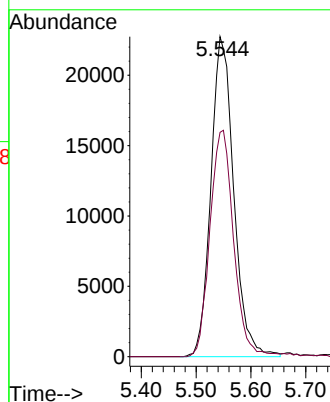
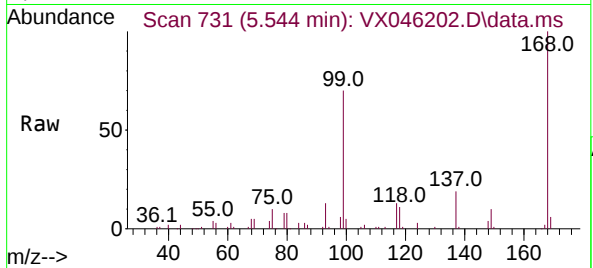




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX046202.D
Acq: 15 May 2025 10:38

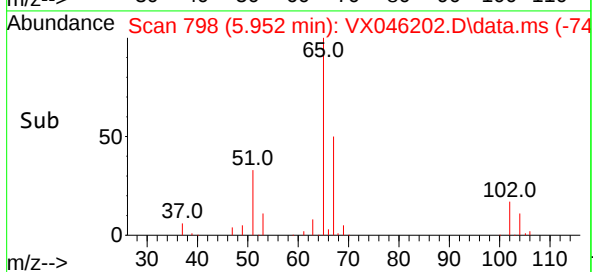
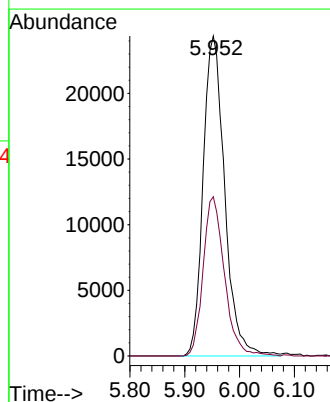
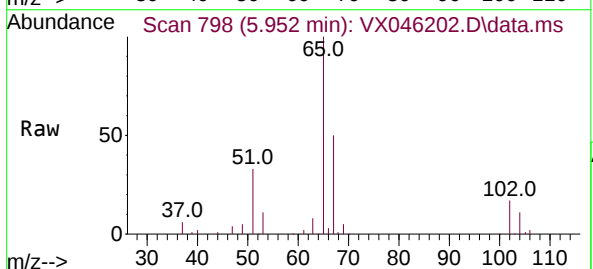
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBL01

Tgt Ion:168 Resp: 65765
Ion Ratio Lower Upper
168 100
99 70.1 54.9 82.3



#33
1,2-Dichloroethane-d4
Concen: 54.195 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046202.D
Acq: 15 May 2025 10:38

Tgt Ion: 65 Resp: 66447
Ion Ratio Lower Upper
65 100
67 49.2 0.0 99.0

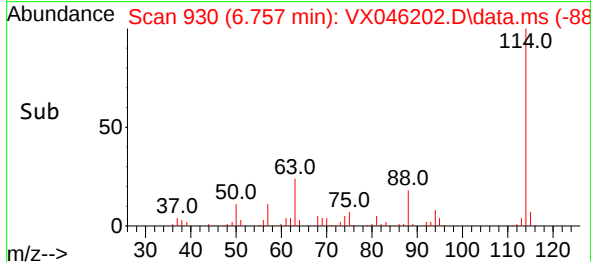
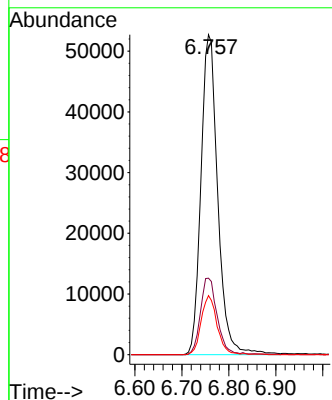
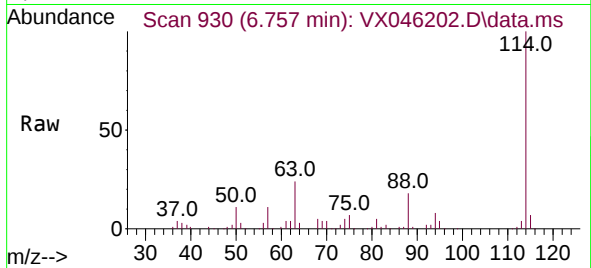




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046202.D
Acq: 15 May 2025 10:38

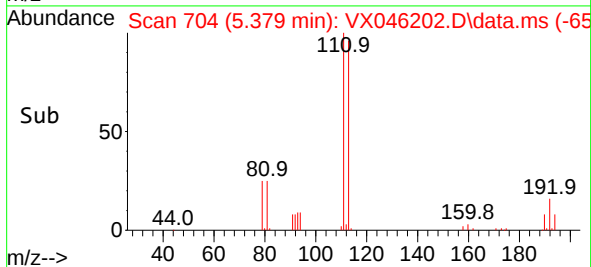
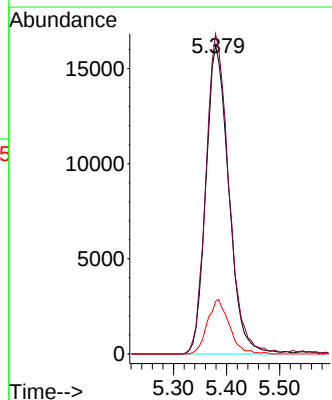
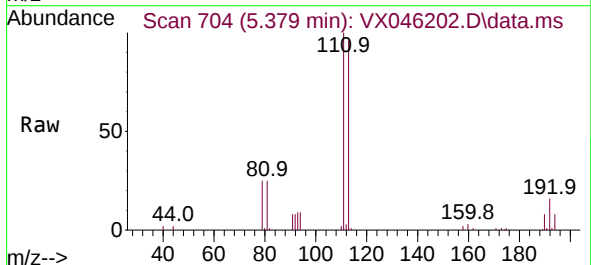
Instrument :
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ClientSampleId :
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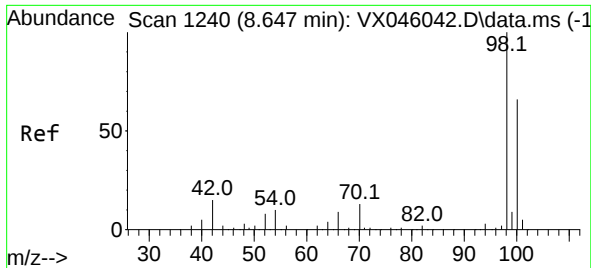
Tgt Ion:114 Resp: 130899
Ion Ratio Lower Upper
114 100
63 23.9 0.0 49.2
88 18.5 0.0 33.6



#35
Dibromofluoromethane
Concen: 51.494 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046202.D
Acq: 15 May 2025 10:38

Tgt Ion:113 Resp: 48539
Ion Ratio Lower Upper
113 100
111 103.9 83.1 124.7
192 16.9 13.3 19.9

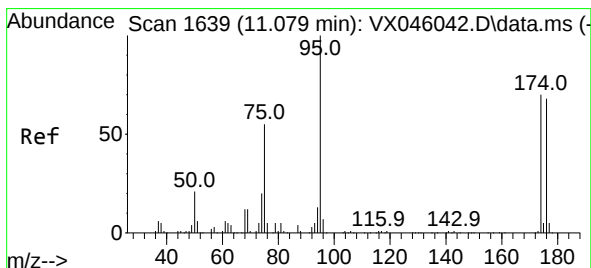
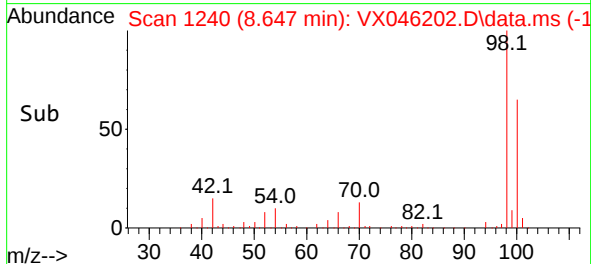
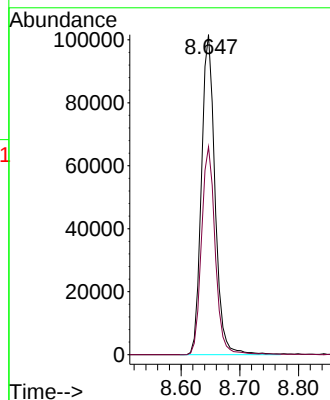
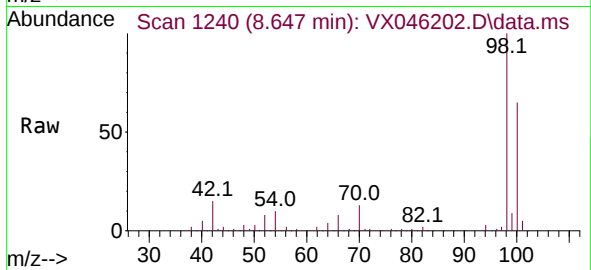




#50
Toluene-d8
Concen: 50.159 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046202.D
Acq: 15 May 2025 10:38

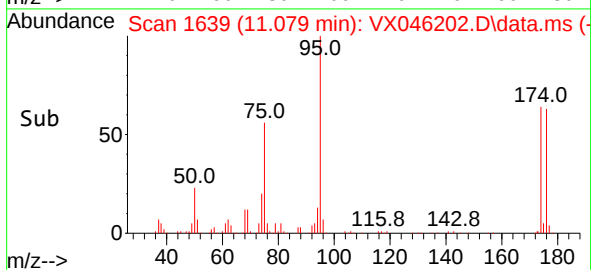
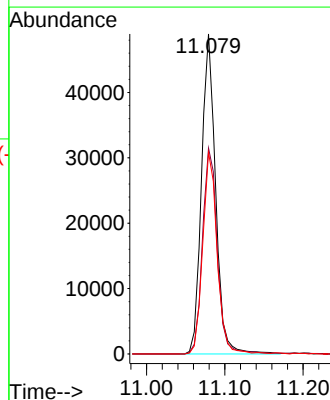
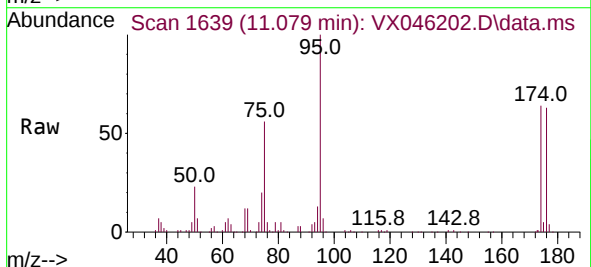
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBL01

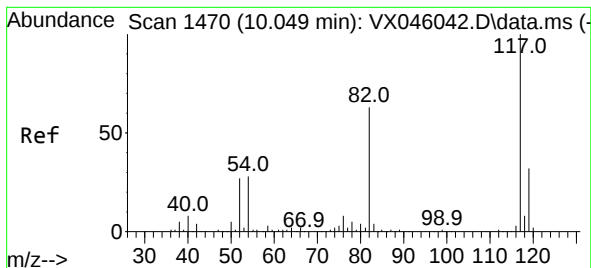
Tgt Ion: 98 Resp: 163643
Ion Ratio Lower Upper
98 100
100 65.8 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 48.946 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046202.D
Acq: 15 May 2025 10:38

Tgt Ion: 95 Resp: 61253
Ion Ratio Lower Upper
95 100
174 67.4 0.0 135.8
176 64.1 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: VX046202.D

Acq: 15 May 2025 10:38

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBL01

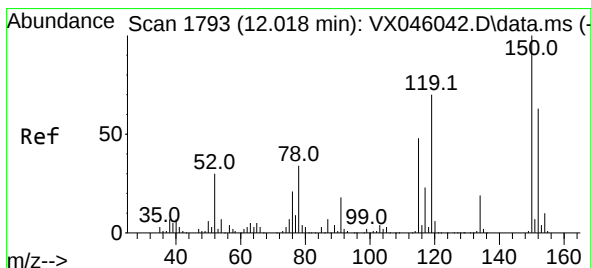
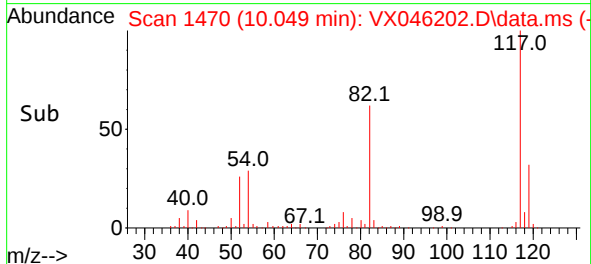
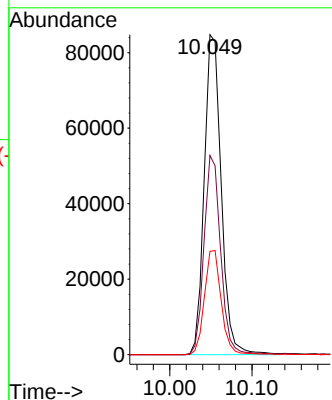
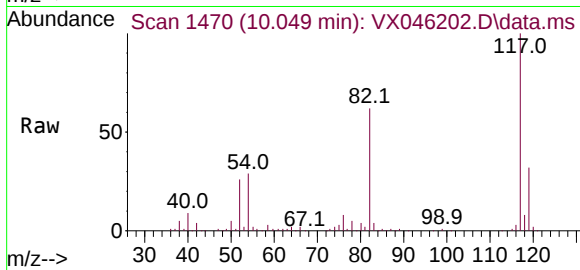
Tgt Ion:117 Resp: 122283

Ion Ratio Lower Upper

117 100

82 62.2 50.6 76.0

119 32.3 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: VX046202.D

Acq: 15 May 2025 10:38

Tgt Ion:152 Resp: 51360

Ion Ratio Lower Upper

152 100

115 64.0 46.9 140.7

150 156.8 0.0 351.0

